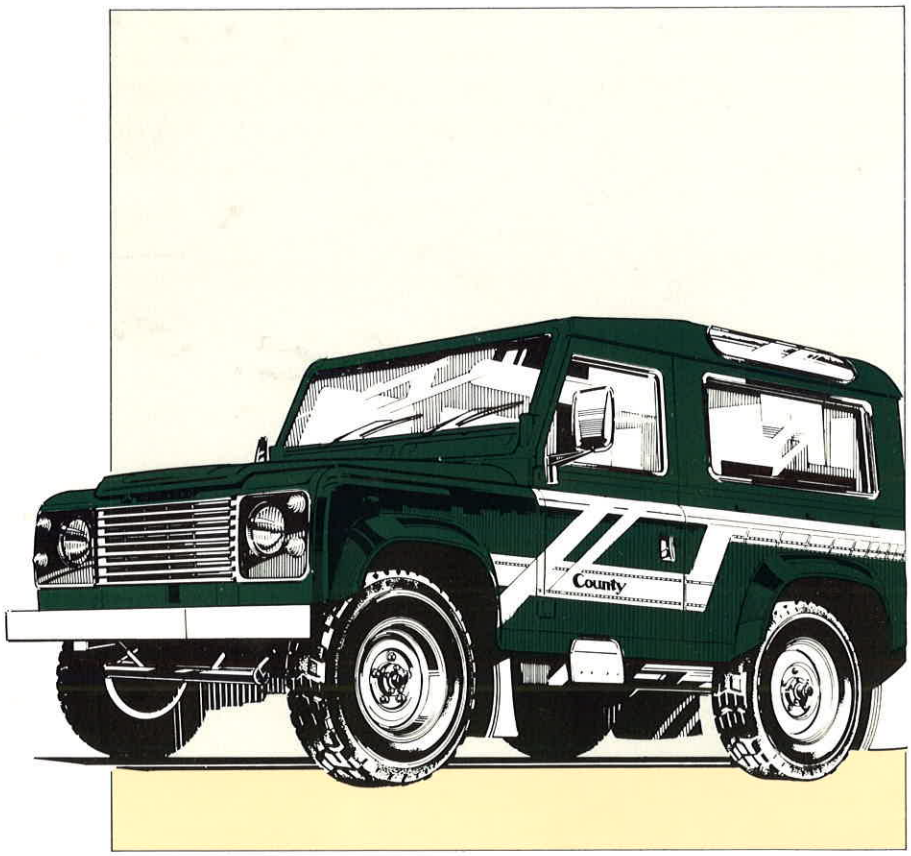
# Parts Catalogue
# Land Rover Ninety

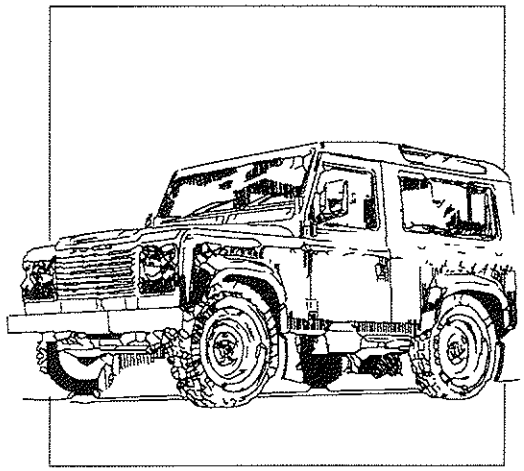



PART No. RTC9868CF

AUGUST 1994

LAND ROVER GENUINE PARTS

# PARTS CATALOGUE



## Part No. RTC9868CF

## Aug 1994

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# DEFENDER 90

## SERIAL NUMBER IDENTIFICATION

### ENGINES-Diesel

12J00001C 2.5 N.A

19J00001C 2.5 Turbo

11L00001 200 TDI 1991 MY

16L00001A 300TDI 1995 MY

### ENGINES-Petrol

10H00001A 2.25 Petrol 8:1 CR NON DETOXED

11H00001A 2.25 Petrol 8:1 CR DETOXED

17H00001A 2.5 Petrol 8:1 CR

14G00001 3.5 Litre V8 8.13:1 CR NON DETOXED

15G00001 3.5 Litre V8 8.13:1 CR DETOXED

19G00001 3.5 Litre V8 SAUDI ARABIAN SPEC.

20G00001 3.5 Litre V8 8.13:1 CR NON DETOXED

21G00001 3.5 Litre V8 8.13:1 CR DETOXED

22G00001 3.5 Litre V8 AUSTRALIAN SPEC.

24G00001 3.5 Litre V8 8.13:1 CR DETOXED

### GEARBOX-LT85 Manual Type

20C00001 5 Speed V8 Carb.

22C00001 5 Speed V8 Carb.

### GEARBOX-LT77 Manual Type

50A00001 5 Speed 4 Cylinder

### GEARBOX-LT77S Manual Type

56A00001 5 Speed 200 TDI 1991 MY

60A00001 5 Speed V8

61A00001 5 Speed V8 with Oil Cooler

### TRANSFER GEARBOX-LT230T Type

13D00001 4 Cylinder Petrol/Diesel

22D00001 4 Cylinder Petrol/Diesel

29D00001 V8 Petrol

### TRANSFER GEARBOX-LT230T Type used on LT77S GEARBOX

32D00001 4 Cylinder Petrol/Diesel and V8

### GEARBOX-R380 Manual Type

56A00001 TDI

50A00001 4Cyl Petrol

60A00001 V8

61A00001 V8 Cooled

## AXLE SERIAL NUMBERS

### FRONT

22L00001A RHS
23L00001A LHS
61L00001A RHS
62L00001A LHS

### REAR

22S00001A
23L00001A Heavy
42S00001A
44S00001A

## EXTERIOR PAINT CODES

Paint colour codes are recorded on the VEHICLE IDENTIFICATION PLATE

| BODY COLOUR | CODE |
|---|---|
| Arizona Tan | ABA |
| Venetian Red | CCL |
| Bronze Green | HCC |
| Marine Blue | JCC |
| Arrow Red | CUF |
| Eastnor Green | HUJ |
| Pacific Blue | JUH |
| Grey | LUS |
| Slate Grey | LCN |
| Trident Green | HCN |
| Ivory | NCM |
| Stratos Blue | JCP |
| Shire Blue | JUG |
| Arran Beige | SUB |
| White | NUC |
| Masai Red | CCC |
| Limestone | NCJ |
| Roan Brown | ACV |

## VEHICLE IDENTIFICATION NUMBERING UP TO INTRODUCTION OF 1988 MODEL YEAR

| VIN CODE | ENGINE | GEARBOX | STEERING |
|---|---|---|---|
| **REGULAR** | | | |
| SALLDVAH7AA | 2.25 PETROL | 5 SPEED | RH STG |
| SALLDVAH8AA | 2.25 PETROL | 5 SPEED | LH STG |
| SALLDVAD7AA | 2.5 PETROL | 5 SPEED | RH STG |
| SALLDVAD8AA | 2.5 PETROL | 5 SPEED | LH STG |
| SALLDVAC7AA | 2.5 DIESEL | 5 SPEED | RH STG |
| SALLDVAC8AA | 2.5 DIESEL | 5 SPEED | LH STG |
| SALLDVAB7AA | 2.5 DIESEL | TURBO 5 SPEED | RH STG |
| SALLDVAB8BA | 2.5 DIESEL | TURBO 5 SPEED | LH STG |
| SALLDVAV7AA | 3.5 PETROL | 5 SPEED | RH STG |
| SALLDVAV8AA | 3.5 PETROL | 5 SPEED | LH STG |
| **STATION WAGON** | | | |
| SALLDVBH7AA | 2.25 PETROL | 5 SPEED | RH STG |
| SALLDVBH8AA | 2.25 PETROL | 5 SPEED | LH STG |
| SALLDVBD7AA | 2.5 PETROL | 5 SPEED | RH STG |
| SALLDVBD8AA | 2.5 PETROL | 5 SPEED | LH STG |
| SALLDVBC7AA | 2.5 DIESEL | 5 SPEED | RH STG |
| SALLDVBC8AA | 2.5 DIESEL | 5 SPEED | LH STG |
| SALLDVBB7AA | 2.5 DIESEL | TURBO 5 SPEED | RH STG |
| SALLDVBB8AA | 2.5 DIESEL | TURBO 5 SPEED | LH STG |
| SALLDVBV7AA | 3.5 PETROL | 5 SPEED | RH STG |
| SALLDVBV8AA | 3.5 PETROL | 5 SPEED | LH STG |

## VEHICLE IDENTIFICATION NUMBERING FOR 1988 & 1989 MODEL YEARS

| VIN CODE | ENGINE | GEARBOX | STEERING |
|---|---|---|---|
| **REGULAR** | | | |
| SALLDVAD7** | 2.5 PETROL | 5 SPEED | RH STG |
| SALLDVAD8** | 2.5 PETROL | 5 SPEED | LH STG |
| SALLDVAC7** | 2.5 DIESEL | 5 SPEED | RH STG |
| SALLDVAC8** | 2.5 DIESEL | 5 SPEED | LH STG |
| SALLDVAB7** | 2.5 DIESEL | TURBO 5 SPEED | RH STG |
| SALLDVAB8** | 2.5 DIESEL | TURBO 5 SPEED | LH STG |
| SALLDVAV7** | 3.5 PETROL | 5 SPEED | RH STG |
| SALLDVAV8** | 3.5 PETROL | 5 SPEED | LH STG |
| **STATION WAGON** | | | |
| SALLDVBD7** | 2.5 PETROL | 5 SPEED | RH STG |
| SALLDVBD8** | 2.5 PETROL | 5 SPEED | LH STG |
| SALLDVBC7** | 2.5 DIESEL | 5 SPEED | RH STG |
| SALLDVBC8** | 2.5 DIESEL | 5 SPEED | LH STG |
| SALLDVBB7** | 2.5 DIESEL | TURBO 5 SPEED | RH STG |
| SALLDVBB8** | 2.5 DIESEL | TURBO 5 SPEED | LH STG |
| SALLDVBV7** | 3.5 PETROL | 5 SPEED | RH STG |
| SALLDVBV8** | 3.5 PETROL | 5 SPEED | LH STG |

** EA - 88 MODEL YEAR

** FA - 89 MODEL YEAR

VEHICLE IDENTIFICATION NUMBERING
FROMO INTRODUCTION OF 1991 MODEL YEAR

| VIN CODE | ENGINE | GEARBOX | STEERING |
|---|---|---|---|
| REGULAR | | | |
| SALLDVAD7** | 2.5 PETROL | 5 SPEED | RH STG |
| SALLDVAD8** | 2.5 PETROL | 5 SPEED | LH STG |
| SALLDVAC7** | 2.5 DIESEL | 5 SPEED | RH STG |
| SALLDVAC8** | 2.5 DIESEL | 5 SPEED | LH STG |
| SALLDVAF7** | 2.5 DIESEL | TDI 5 SPEED | RH STG |
| SALLDVAF8** | 2.5 DIESEL | TDI 5 SPEED | LH STG |
| SALLDVAV7** | 3.5 PETROL | 5 SPEED | RH STG |
| SALLDVAV8** | 3.5 PETROL | 5 SPEED | LH STG |
| STATION WAGON | | | |
| SALLDVBD7** | 2.5 PETROL | 5 SPEED | RH STG |
| SALLDVBD8** | 2.5 PETROL | 5 SPEED | LH STG |
| SALLDVBC7** | 2.5 DIESEL | 5 SPEED | RH STG |
| SALLDVBC8** | 2.5 DIESEL | 5 SPEED | LH STG |
| SALLDVBF7** | 2.5 DIESEL | TDI 5 SPEED | RH STG |
| SALLDVBF8** | 2.5 DIESEL | TDI 5 SPEED | LH STG |
| SALLDVBV7** | 3.5 PETROL | 5 SPEED | RH STG |
| SALLDVBV8** | 3.5 PETROL | 5 SPEED | LH STG |

** HA - 1991 MODEL YEAR

** JA - 1992 MODEL YEAR

** KA - 1993 MODEL YEAR

** LA - 1994 MODEL YEAR

** MA - 1995 MODEL YEAR

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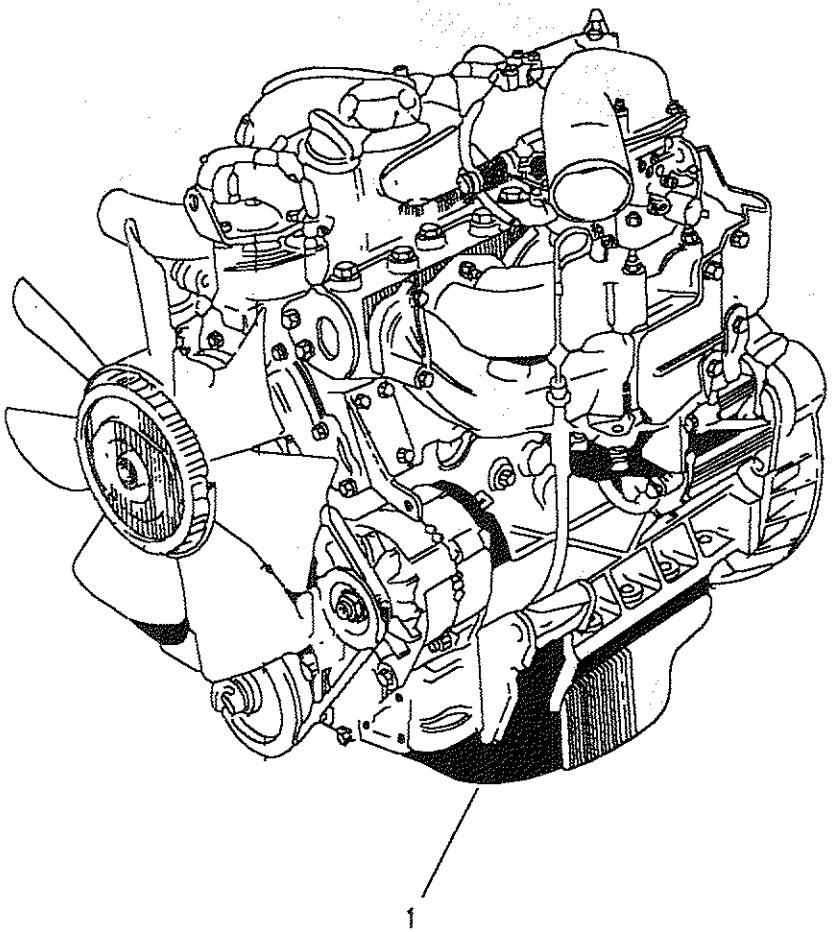

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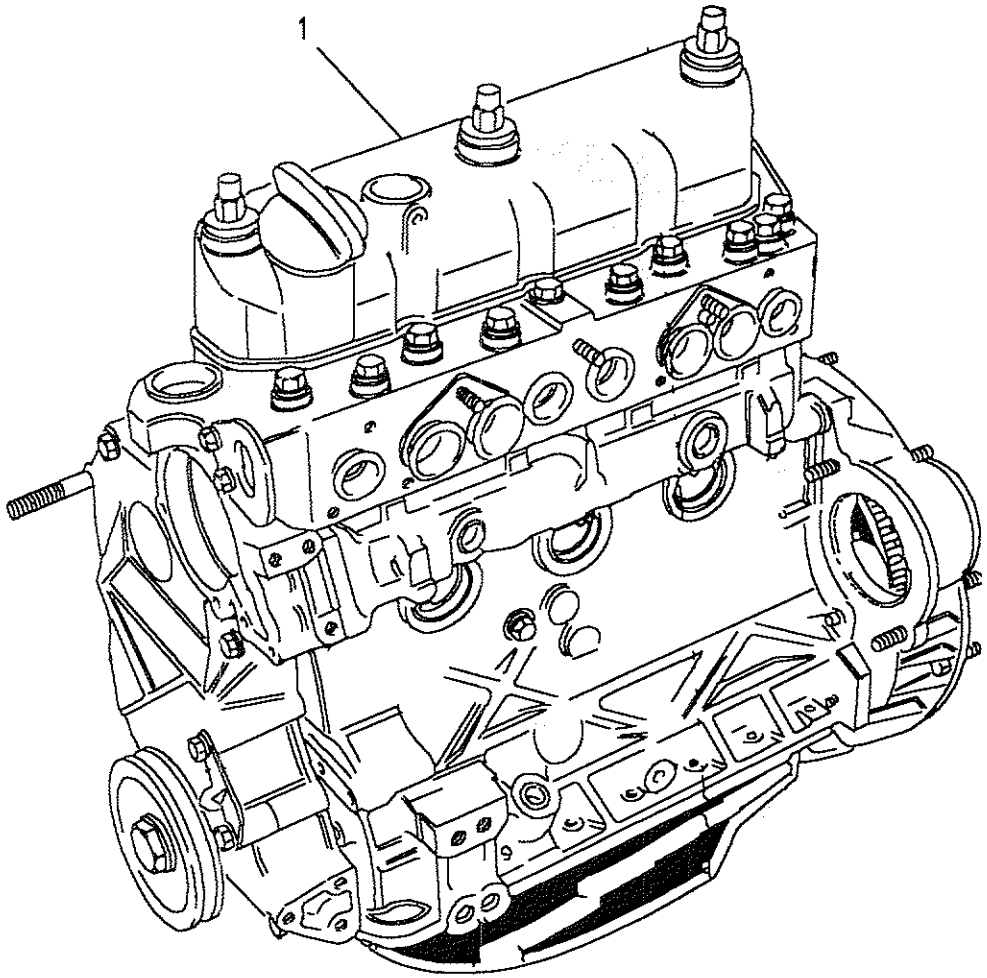
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**ENGINE - ENGINE COMPLETE - 2.3 PETROL**

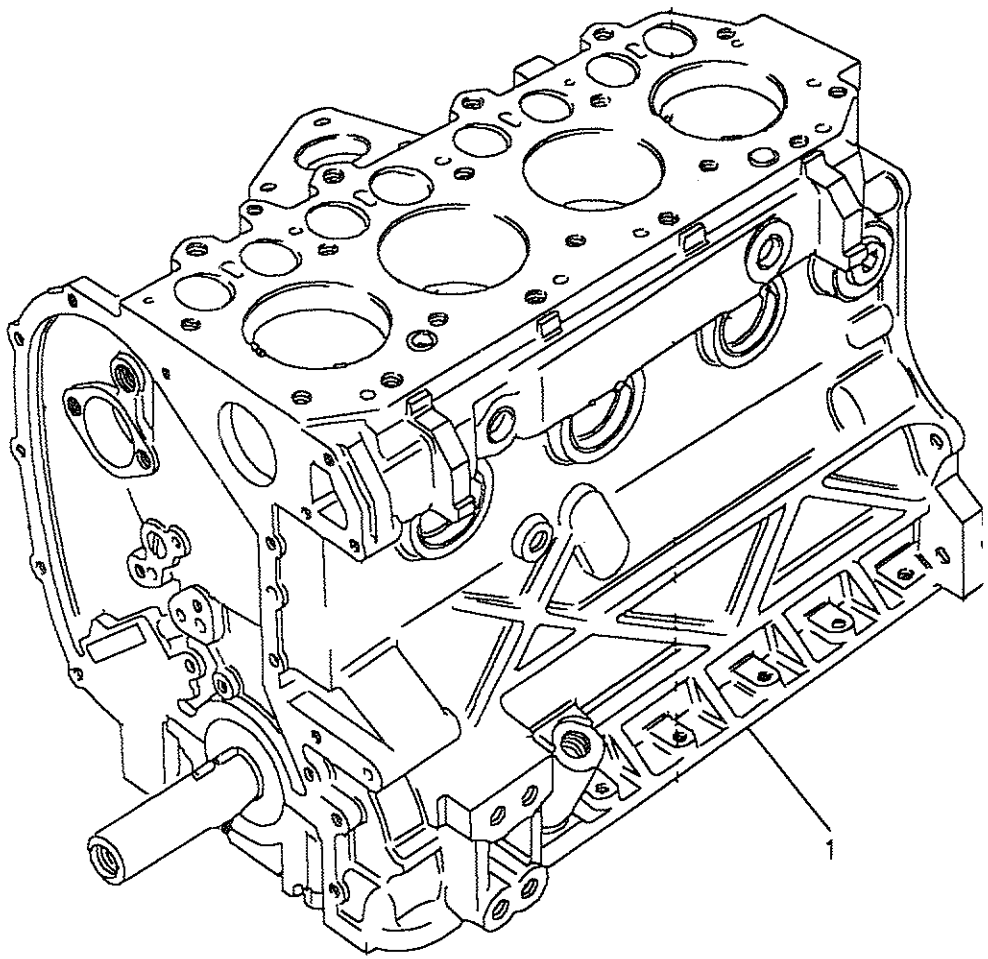
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | | Engine complete assy | | NOT AVAILABLE |




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**Page** ADBAAC1A

## ENGINE - ENGINE STRIPPED - 2.3 PETROL

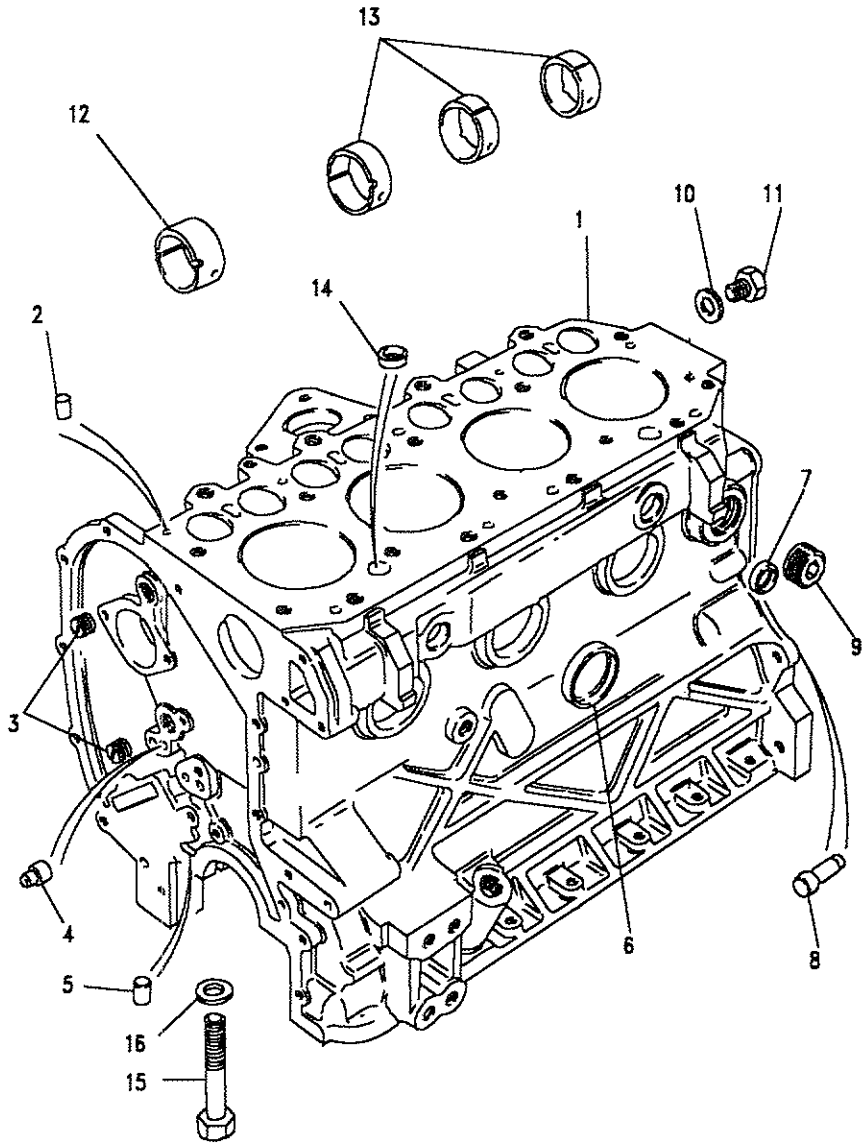
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2918N | Engine stripped | 1 | 11H00001C |
| | STC8276R | Engine stripped-recon/con | 1 | LEAD FREE |




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**ENGINE - ENGINE SHORT - 2.3 PETROL**

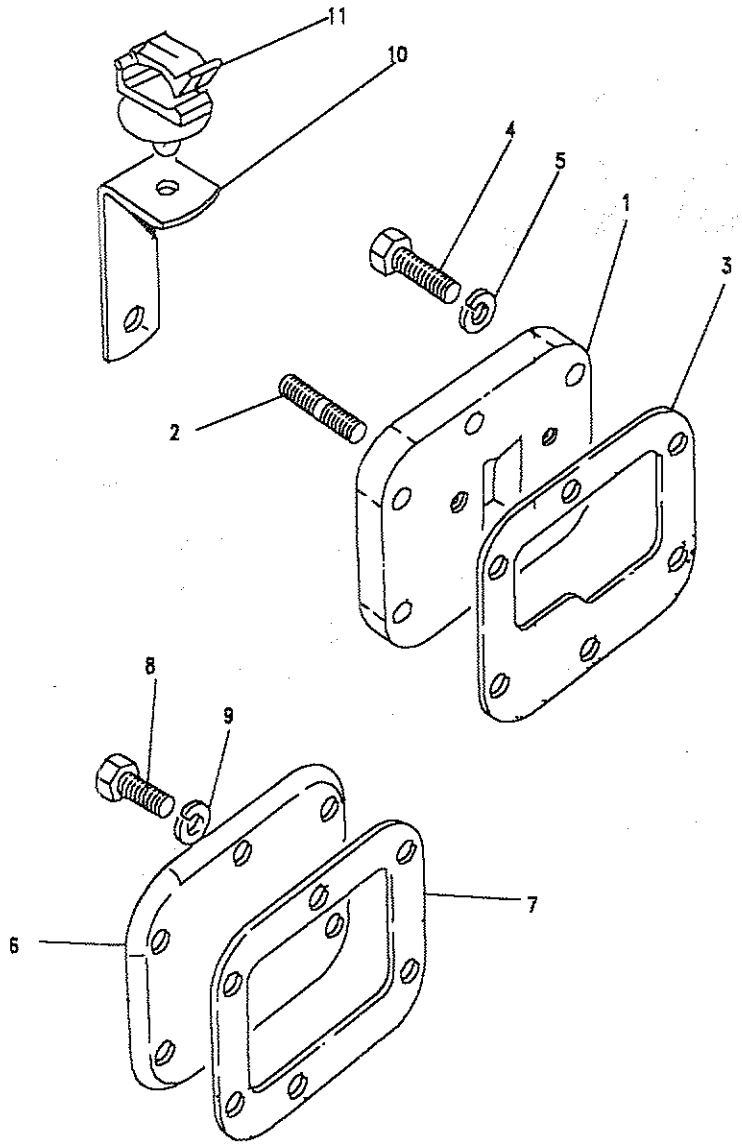
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2978 | Engine short assembly | 1 | |




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## ENGINE - CYLINDER BLOCK - 2.3 PETROL

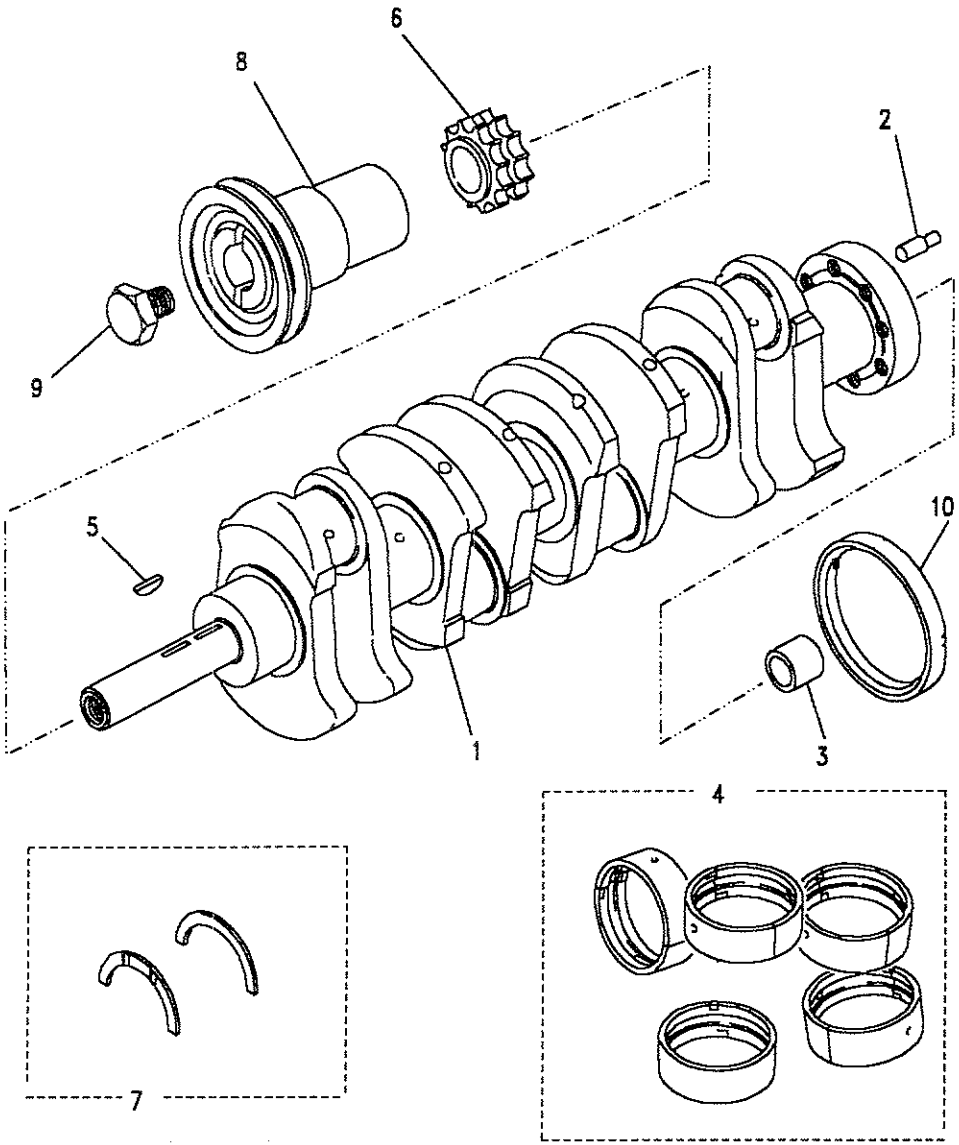
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9348 | Cylinder block assembly | 1 | |
| 2 | 247965 | Plug tappet feed hole | 1 | |
| 3 | 247127 | Plug oil gallery | 2 | |
| 4 | 213700 | Dowel chain tensioner | 2 | |
| 5 | 501593 | Dowel bearing caps | 10 | |
| 6 | ERC4996 | Cup plug side/ends | 6 | |
| 7 | 597586 | Cup plug water rail ends | 3 | |
| 8 | ERC4644 | Dowel flywheel housing | 2 | |
| 9 | 527269 | Plug immersion heater | 1 | |
| 10 | 243959 | Washer joint | 2 | |
| 11 | 536577 | Plug gallery pipe | 2 | |
| 12 | 90519054 | Bearing camshaft front | 1 | |
| 13 | 90519055 | Bearing camshaft rear | 3 | |
| 14 | ERC4995 | Cup plug | 2 | |
| 15 | ETC7596 | Bolt main bearing cap | 10 | |
| 16 | 504006 | Washer | 10 | |




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**ENGINE - SIDE COVER - 2.3 PETROL**

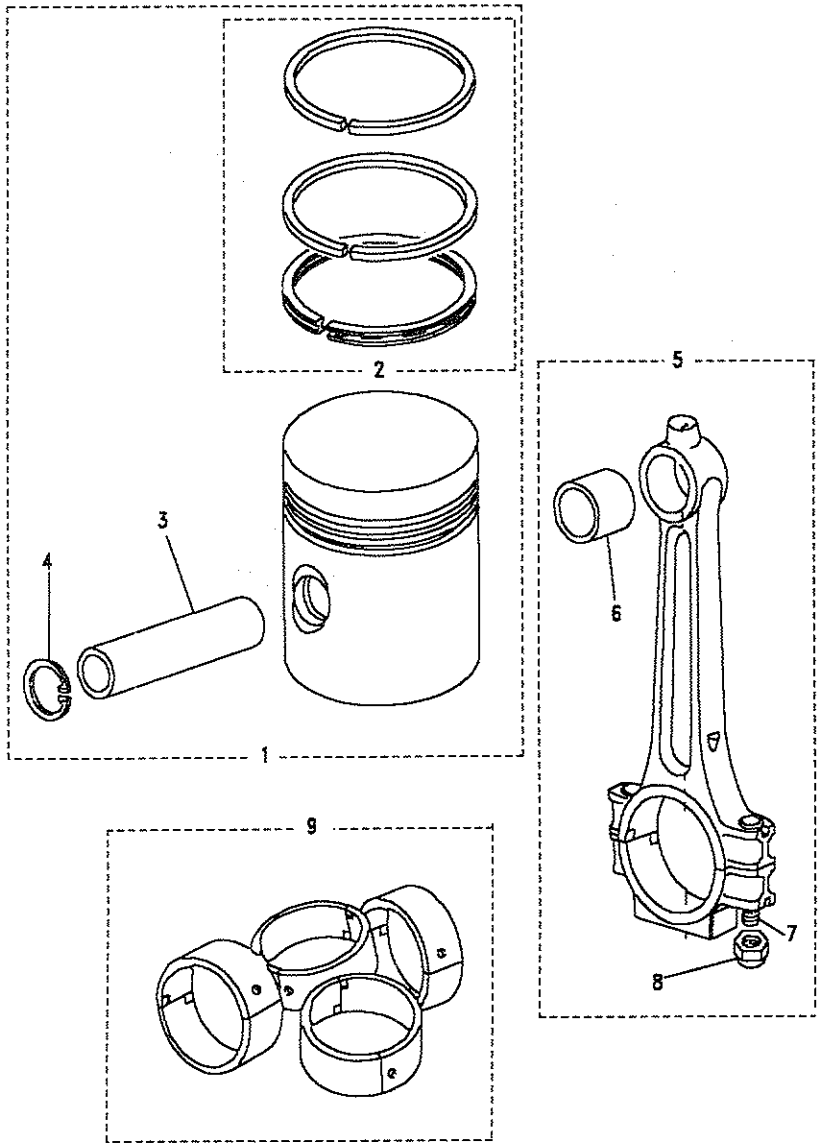
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4799 | Plate cover | 1 | |
| 2 | TE108041L | Stud | 2 | |
| 3 | ERR1475 | Washer joint | 1 | |
| 4 | SH108251L | Screw | 6 | |
| 5 | WL108001L | Washer spring | 6 | |
| 6 | ERC2869 | Cover side front | 1 | |
| 7 | 247555 | Gasket side cover | 1 | |
| | ERR3605 | Gasket side cover | 1 | Asbestos free |
| 8 | FS108201L | Screw | 6 | |
| 9 | WL108001L | Washer spring | 6 | |
| 10 | ERC9480 | Bracket | 1 | |
| 11 | AFU1090L | Clip | 1 | |




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## ENGINE - CRANKSHAFT - 2.3 PETROL

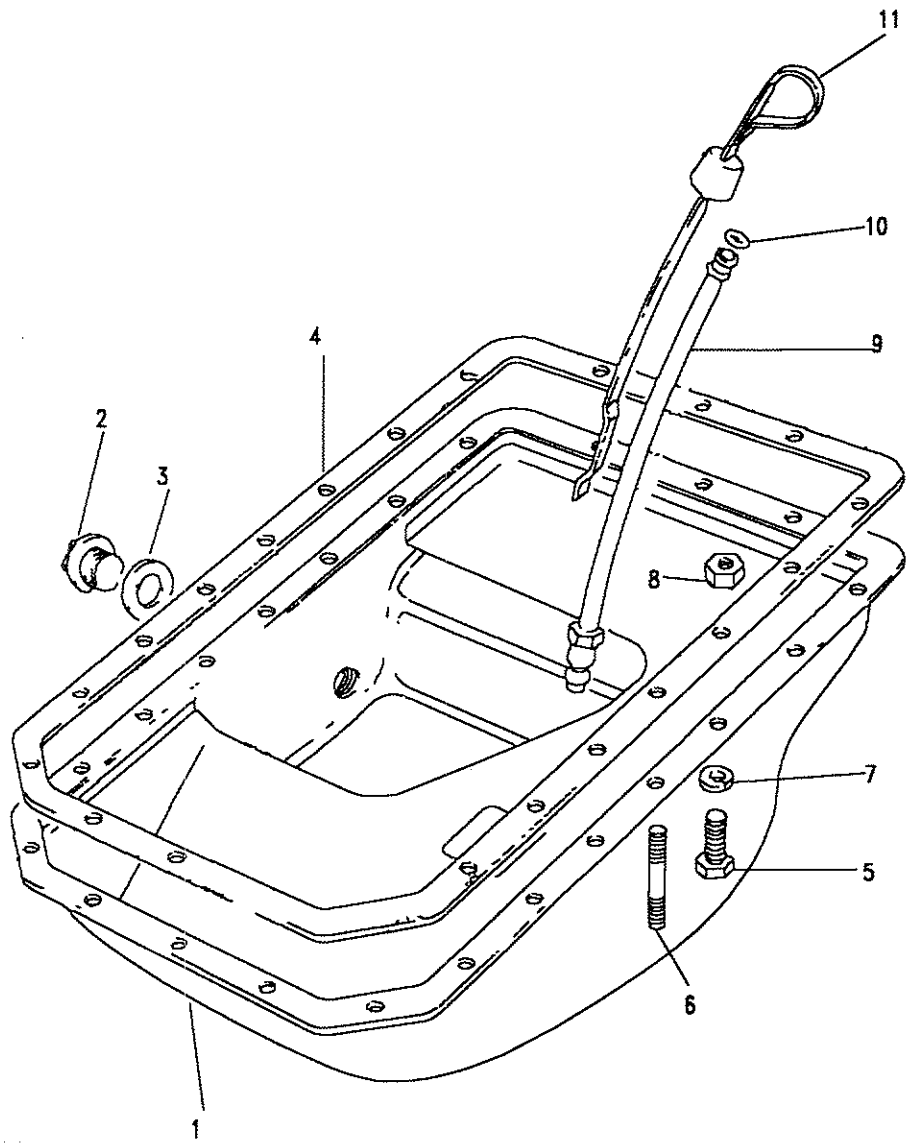
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC5014 | Crankshaft | 1 | |
| 2 | ERR1630 | Dowel | 1 | |
| 3 | 8566L | Bush | 1 | |
| 4 | RTC2626 | Bearing set main-standard | A/R | |
| | RTC262610 | Bearing set main-0.010" | A/R | |
| | RTC262620 | Bearing set main-0.020" | A/R | |
| 5 | 235770 | Key-Chainwheel | 1 | |
| 6 | 568333 | Chainwheel | 1 | |
| 7 | RTC2825 | Washer thrust-standard | A/R | |
| | 538131 | Washer thrust-0025" | A/R | |
| | 538132 | Washer thrust-0050" | A/R | |
| | 538133 | Washer thrust-0075" | A/R | |
| | 538134 | Washer thrust-010" | A/R | |
| 8 | ERC5349 | Pulley-BASIC | 1 | |
| | ERC5128 | Pulley-POWER STEERING | 1 | |
| | ERC5127 | Pulley-AIR CON | 1 | |
| | ERC7089 | Pulley-AIR CON/P-STEERING | 1 | |
| 9 | ETC7934 | Bolt-crankshaft | 1 | |
| 10 | ERR1535 | Seal oil | 1 | |




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**Page** ADBACC1A

## ENGINE - PISTON AND RINGS - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4188S | Piston assembly-standard | 4 | |
| | RTC418820 | Piston assembly-020" | 4 | |
| | RTC418840 | Piston assembly-040" | 4 | |
| 2 | RTC4190S | Kit piston rings-std | 1 | |
| | RTC419020 | Kit piston rings-020" | 1 | |
| | RTC419040 | Kit piston rings-040" | 1 | |
| 3 | 265169 | Gudgeon pin | 4 | |
| 4 | 265175 | Circlip | 8 | |
| 5 | ETC5157 | Con rod | 4 | |
| 6 | 528004 | Bush | 4 | |
| 7 | ERC8751 | Bolt | 8 | |
| 8 | ETC5155 | Nut | 8 | |
| **Con Rod Bearing: Engine Set** | | | | |
| 9 | RTC1730 | Bearing set big end | 1 | |
| | RTC173010 | Bearing set big end-010" | 1 | |
| | RTC173020 | Bearing set big end-020" | 1 | |

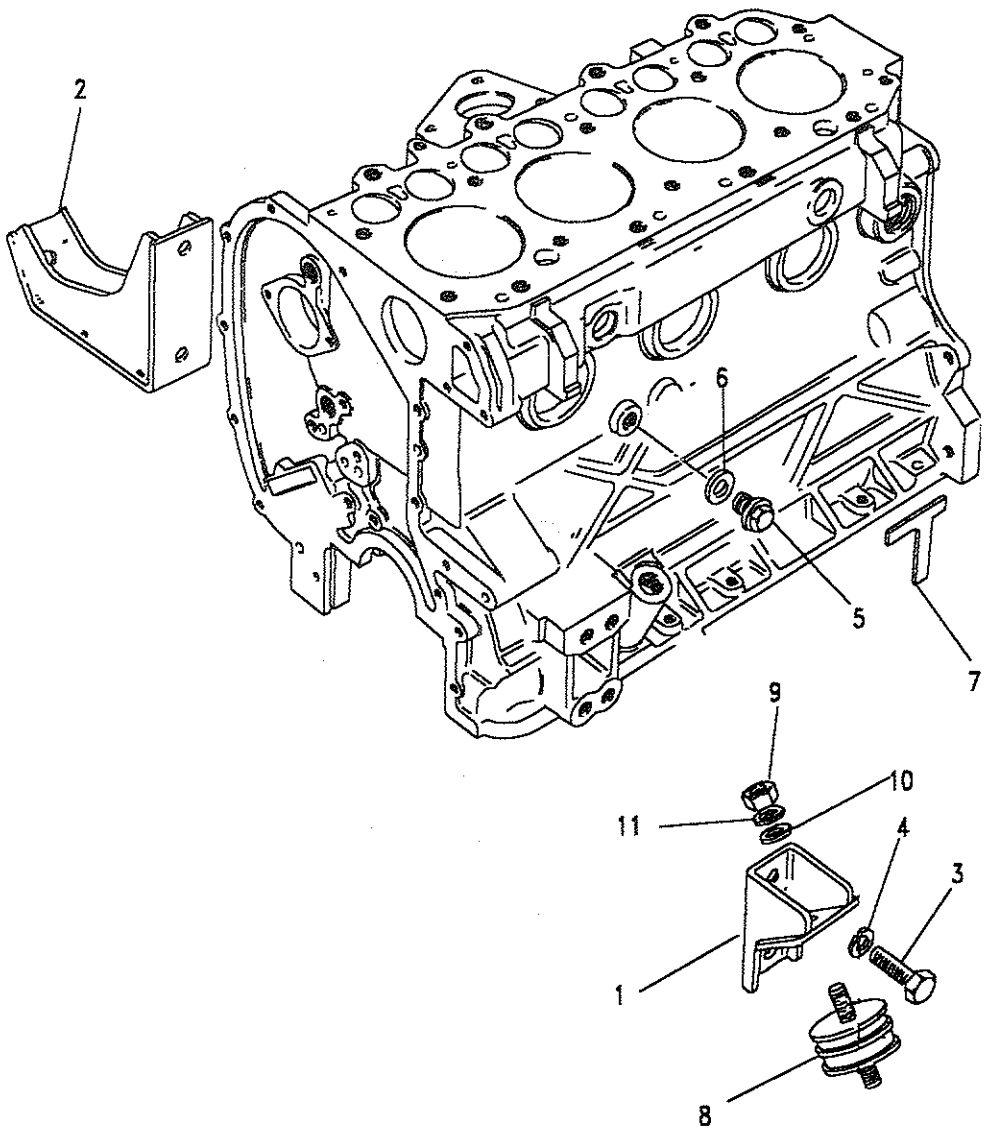



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## ENGINE - SUMP - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4841 | Kit sump | 1 | Note(1) |
| 2 | 536577 | Plug drain | 1 | |
| 3 | 243959 | Washer joint-plug | 1 | |
| 2 | ETC5577 | Plug drain | 1 | |
| 3 | FRC4808 | Washer joint-plug | 1 | |
| 4 | 546841 | Washer joint-sump | 1 | Note(2) |
| 5 | SH108251L | Screw | 21 | |
| 6 | TE108041L | Stud | 1 | |
| 5 | SH108161L | Screw | 21 | |
| 6 | TE108031L | Stud | 1 | |
| 7 | WL108001L | Washer spring | 22 | |
| 8 | NH108041L | Nut | 1 | |
| 9 | ERC8980 | Tube-dipstick | 1 | |
| 10 | 532387 | Ring sealing | 1 | |
| 11 | ETC7867 | Dipstick | 1 | |

Note(1) Kit contains latest sump ETC6132 and fixings
Note(2) Latest sump uses sealant-gasket can be used as an alternative

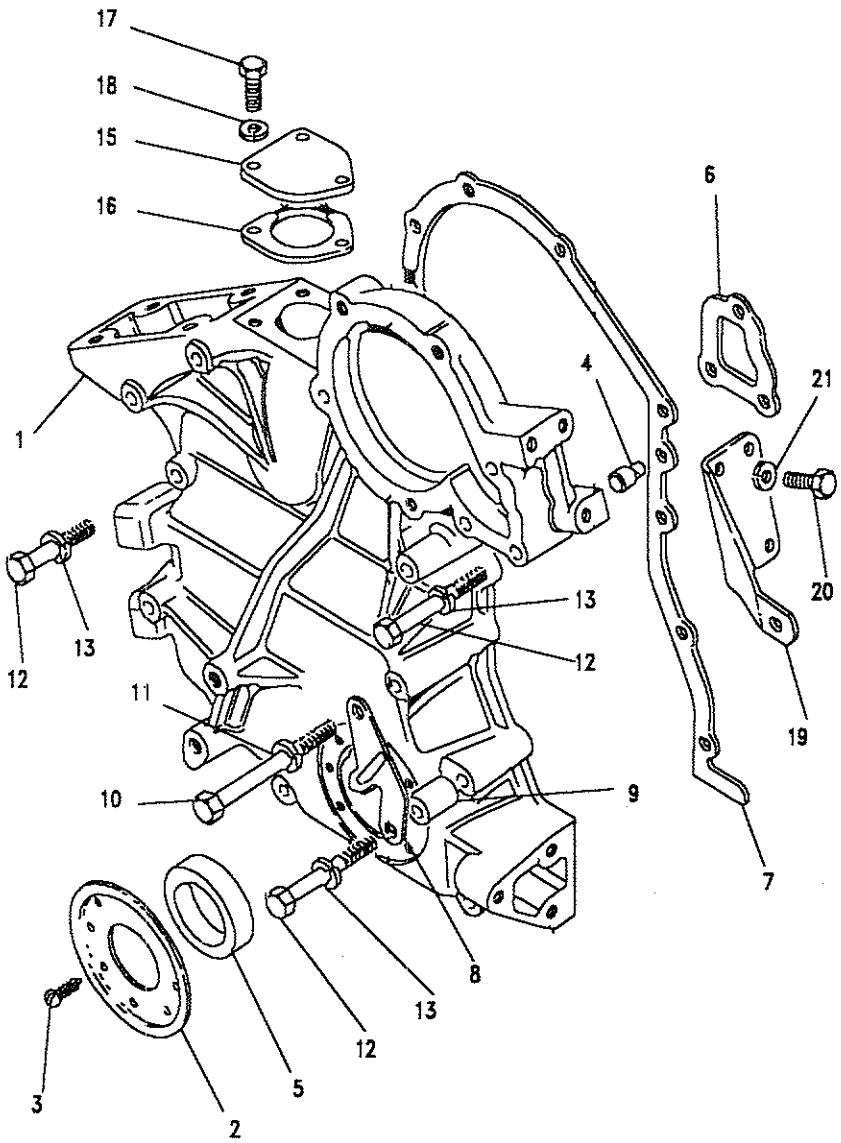



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**Page** ADBADC1A

## ENGINE - ENGINE MOUNTINGS - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5434 | Mounting foot-RH | 1 | |
| 2 | NRC9557 | Mounting foot-LH | 1 | |
| 3 | SH112251L | Screw | 4 | |
| 4 | WL112001L | Washer spring | 4 | |
| 5 | ERC9410 | Plug drain | 1 | |
| 6 | AFU1882L | Washer joint-plug | 1 | |
| 7 | ERC5086 | Packing strip | 2 | |
| 8 | NRC9560 | Mounting rubber | 2 | Note(1) |
| | ANR1808 | Mounting rubber | 2 | Note(2) |
| 9 | NH110041L | Nut-rubber to foot | 4 | |
| 10 | WC110061L | Washer rubber to foot | 2 | |
| 11 | WL110001L | Washer spring | 4 | |

Note(1) Up to JA920702
Note(2) From JA920703

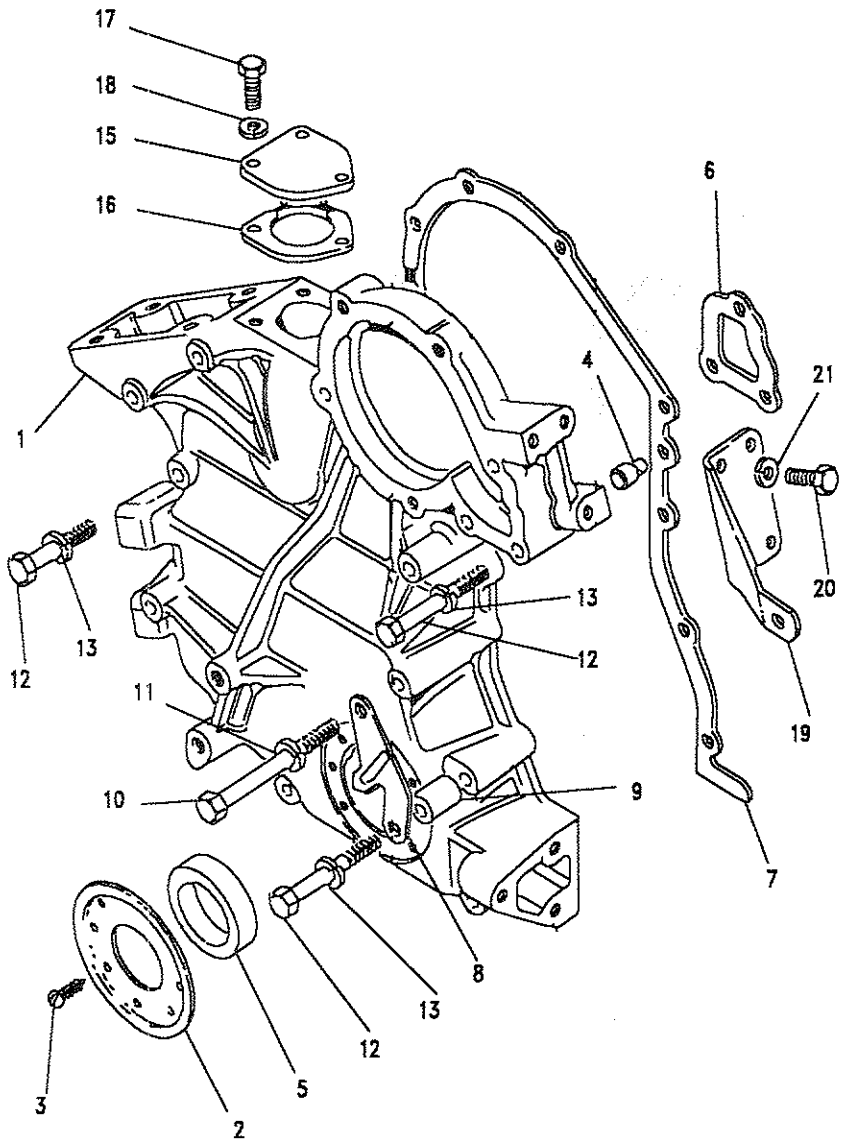



**Model** DEFENDER 90
**Page** ADBAEA1A

## ENGINE - FRONT COVER - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9519 | Cover front assy | 1 | )Note(1) |
| | ERC9528 | Cover front assy-AIR CON | 1 | ) |
| | ETC6081 | Cover front assy | 1 | )Note(2) |
| | ETC6082 | Cover front assy-AIR CON | 1 | ) |
| 2 | 247766 | Mud excluder | 1 | |
| 3 | AB606061L | Screw | 8 | |
| 4 | 6395L | Dowel | 2 | |
| 5 | ERR1632 | Seal oil | 1 | |
| | 90516028 | Seal oil-single lip | 1 | AIR CON |
| | ETC5187 | Seal oil-twin lip | 1 | |
| 6 | 538038 | Gasket water pump | 1 | |
| | ERR1607 | Gasket water pump | 1 | Asbestos free |
| 7 | 538039 | Washer joint | 1 | |
| 8 | ERC5361 | Pointer timing | 1 | |
| 9 | ERC6869 | Spacer | 1 | |
| 10 | ERC8964 | Bolt | 1 | |
| 11 | WL108001L | Washer spring | 1 | |

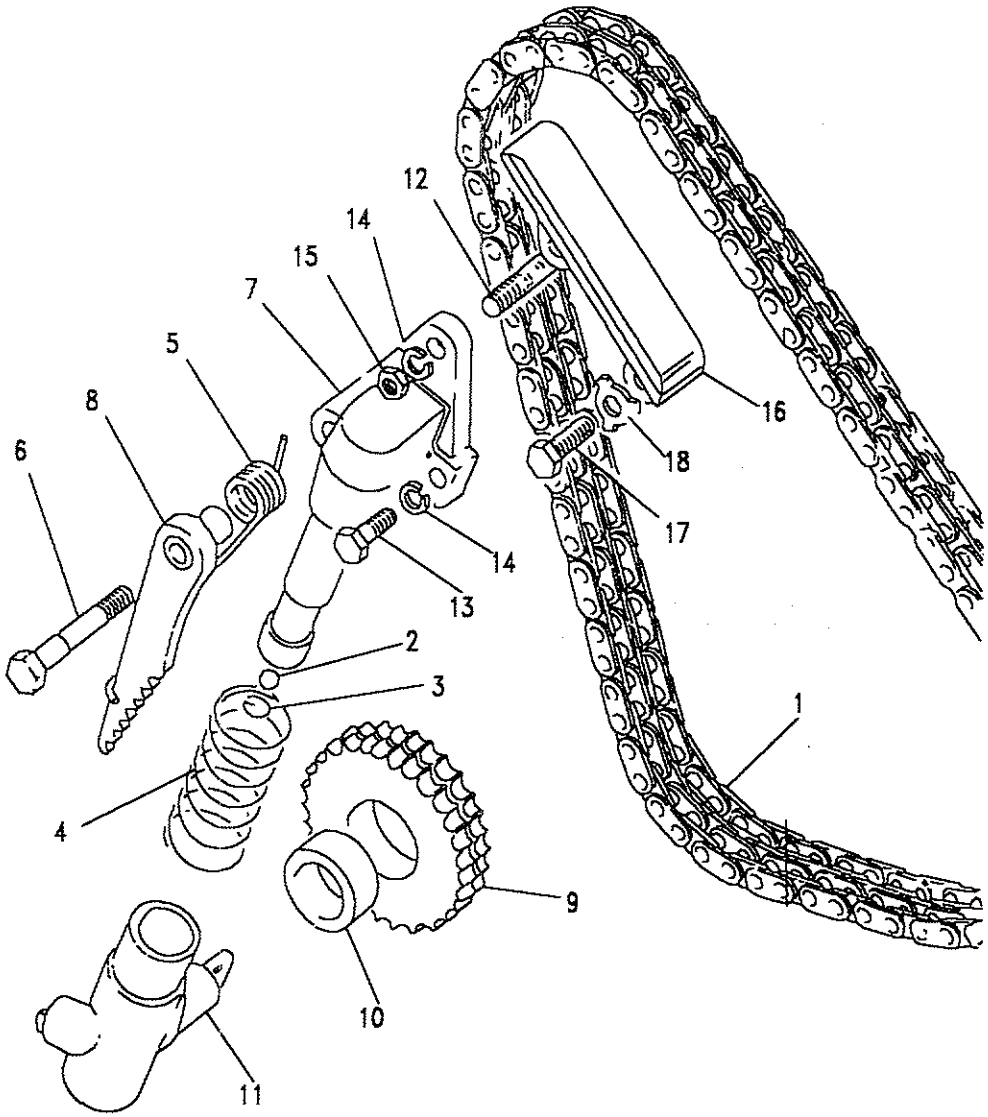
Note(1) For vehicles fitted with single lipped oil seal
Note(2) For vehicles fitted with twin lipped oil seal




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**ENGINE - FRONT COVER - 2.3 PETROL**

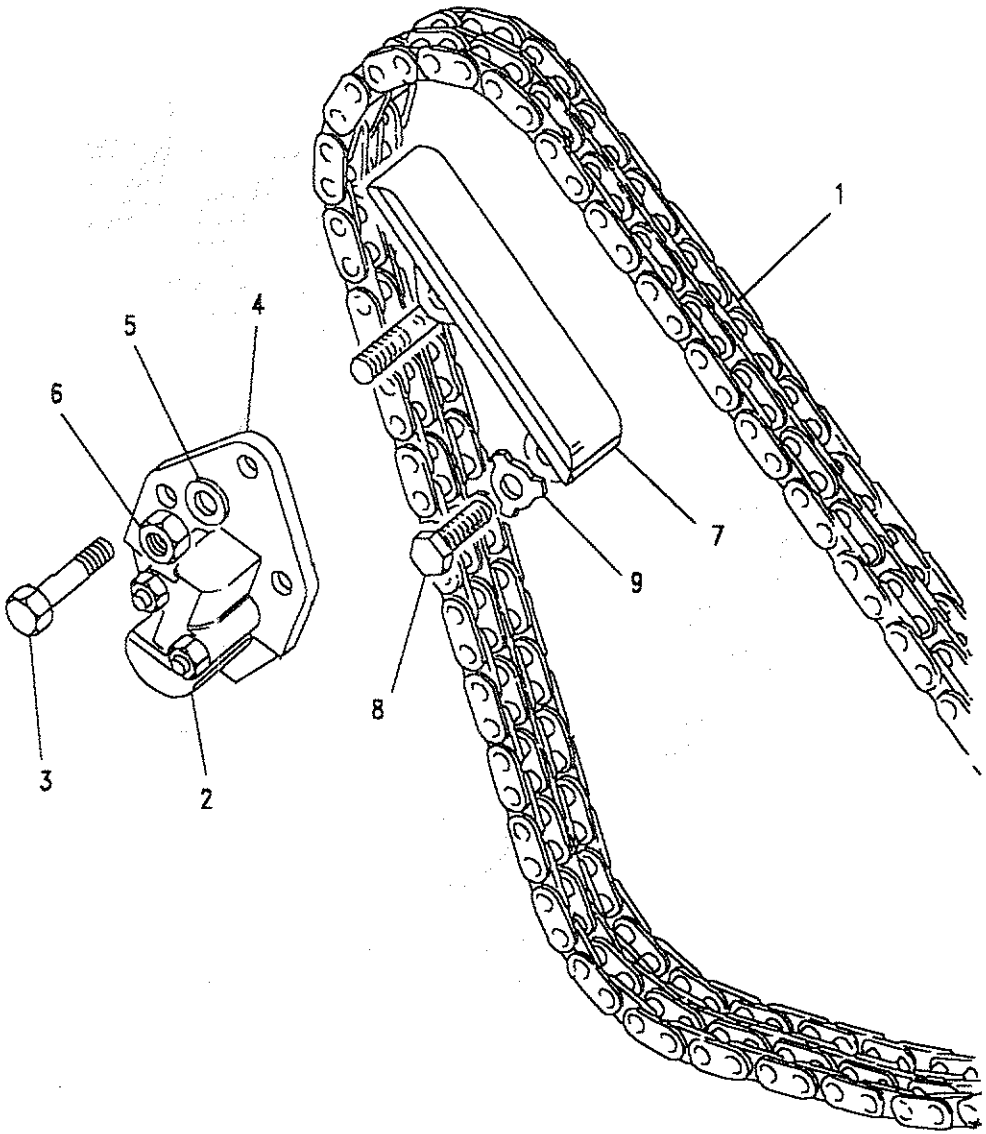
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 12 | ETC4994 | Bolt | 1 | ) |
| 12 | BH108151L | Bolt | 1 | )NON AIR CON |
| 12 | BH108105L | Bolt | 6 | ) |
| 12 | ETC4995 | Bolt special | 1 | ) |
| 12 | ERC9468 | Stud special | 1 | ) |
| 12 | BH108131L | Bolt | 1 | ) |
| 12 | BH108151L | Bolt | 1 | )AIR CON |
| 12 | BH108105L | Bolt | 2 | ) |
| 12 | ERC8964 | Bolt | 2 | ) |
| 12 | BH108201L | Bolt | 1 | ) |
| 13 | WL108001L | Washer spring | 9 | ) |
| 12 | ETC4994 | Bolt special | 1 | ) |
| 12 | BH108105L | Bolt | 5 | )SPLIT CHARGE |
| 12 | ERC9468 | Stud | 1 | )OPTION ONLY |
| 14 | NH108041L | Nut | 1 | ) |
| 13 | WL108001L | Washer spring | 8 | NON AIR CON |
| 14 | NH108041L | Nut | 1 | ) |
| 15 | 574469 | Plate blanking | 1 | ) |
| 16 | 542636 | Gasket-blanking plate | 1 | ) |
| 17 | FS106201L | Screw | 3 | ) |
| 18 | WL106001L | Washer spring | 3 | )AIR CON |
| 19 | ERC6479 | Bracket cowl mounting | 1 | ) |
| 20 | FS108201L | Screw | 3 | ) |
| 21 | WL108001L | Washer spring | 3 | ) |
| | WA108051L | Washer | 1 | ) |




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**Page** ADBAEC1A

## ENGINE - TIMING CHAIN - EARLY TYPE - 2.3 PETROL

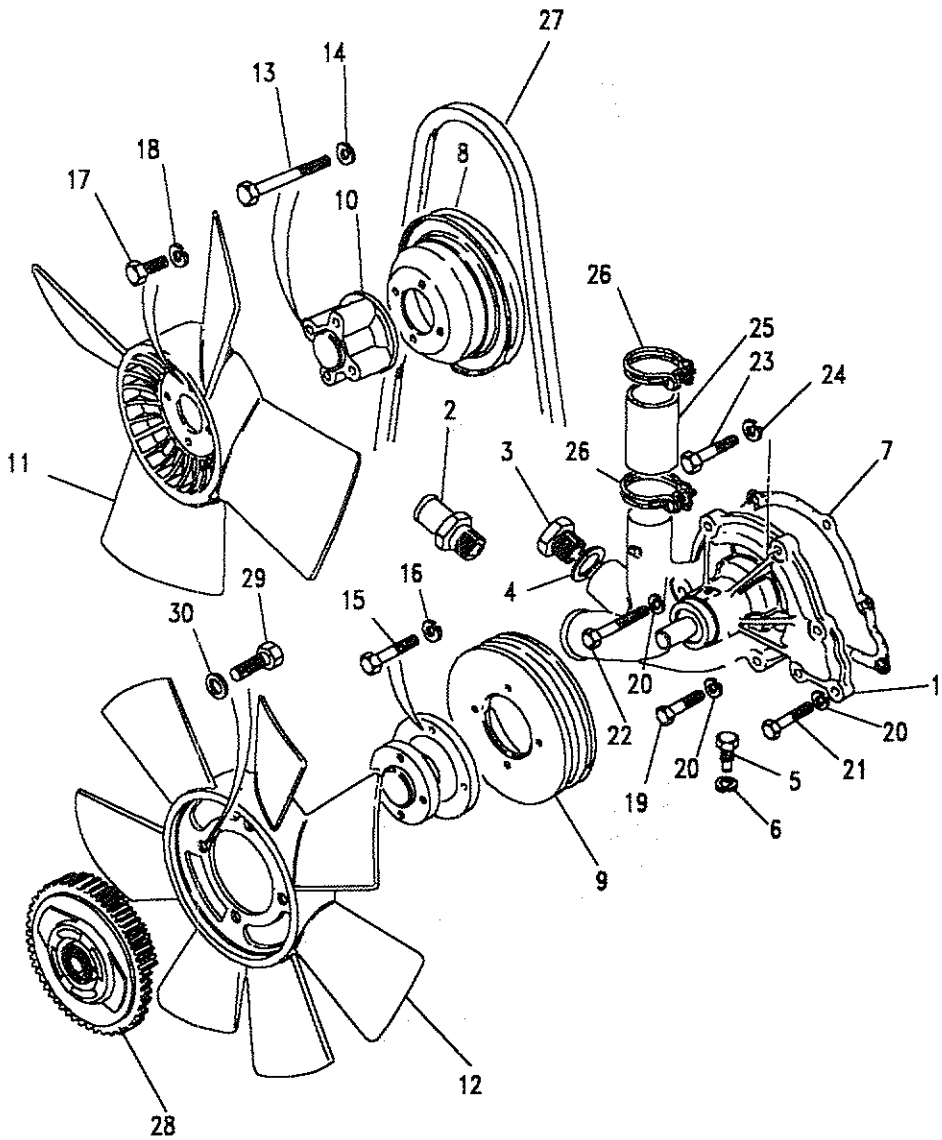
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4499 | Chain timing | 1 | |
| 2 | 3739 | Ball | 1 | |
| 3 | 233328 | Clip retaining-ball | 1 | |
| 4 | 233326 | Spring-tensioner | 1 | |
| 5 | 267451 | Spring-ratchet | 1 | |
| 6 | ERC8975 | Bolt stepped | 1 | |
| 7 | 247912 | Tensioner | 1 | |
| 8 | 546026 | Ratchet and bush assembly | 1 | |
| 9 | 236067 | Wheel idler | 1 | |
| 10 | 234124 | Bush | 1 | |
| 11 | 277388 | Cylinder assy-tensioner | 1 | |
| 12 | TE108051L | Stud | 1 | |
| 13 | FB108061 | Bolt | 1 | |
| 14 | WL108001L | Washer spring | 1 | |
| 15 | NH108041L | Nut | 1 | |
| 16 | 275234 | Damper vibration | 1 | |
| 17 | SH106121L | Screw | 2 | |
| 18 | 557523 | Washer lock | 2 | |




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**Page** ADBAEC2A

**ENGINE - TIMING CHAIN - LATER TYPE - 2.3 PETROL**

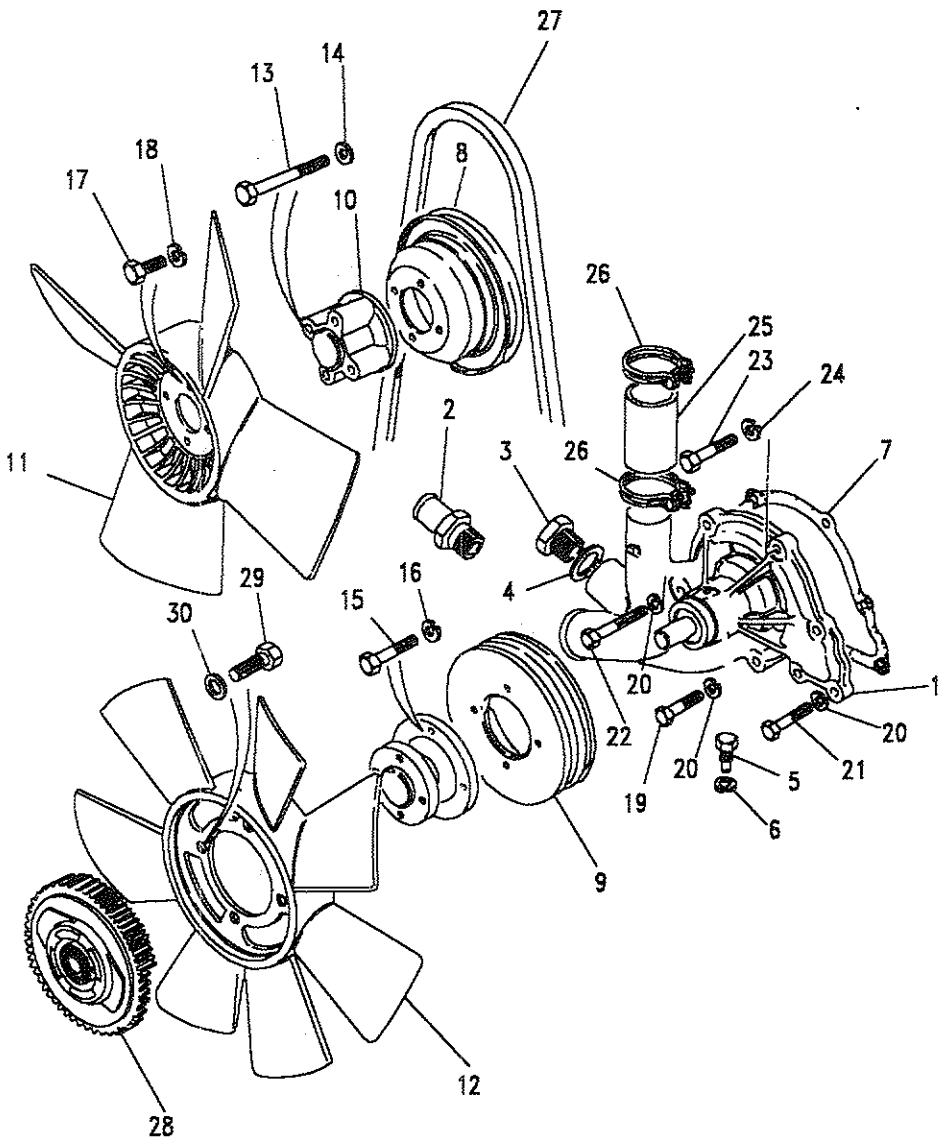
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5191 | Chain timing | 1 | |
| 2 | ETC5190 | Tensioner | 1 | |
| 3 | FS108201L | Screw | 2 | |
| 4 | TE108051L | Stud | 1 | |
| 5 | WA108051L | Washer | 3 | |
| 6 | NH108041L | Nut | 1 | |
| 7 | 275234 | Damper vibration | 1 | |
| 8 | SH106121L | Screw | 2 | |
| 9 | 557523 | Washer lock | 2 | |




**Model** DEFENDER 90
**Page** ADBAEE1A

## ENGINE - WATER PUMP - 2.3 PETROL

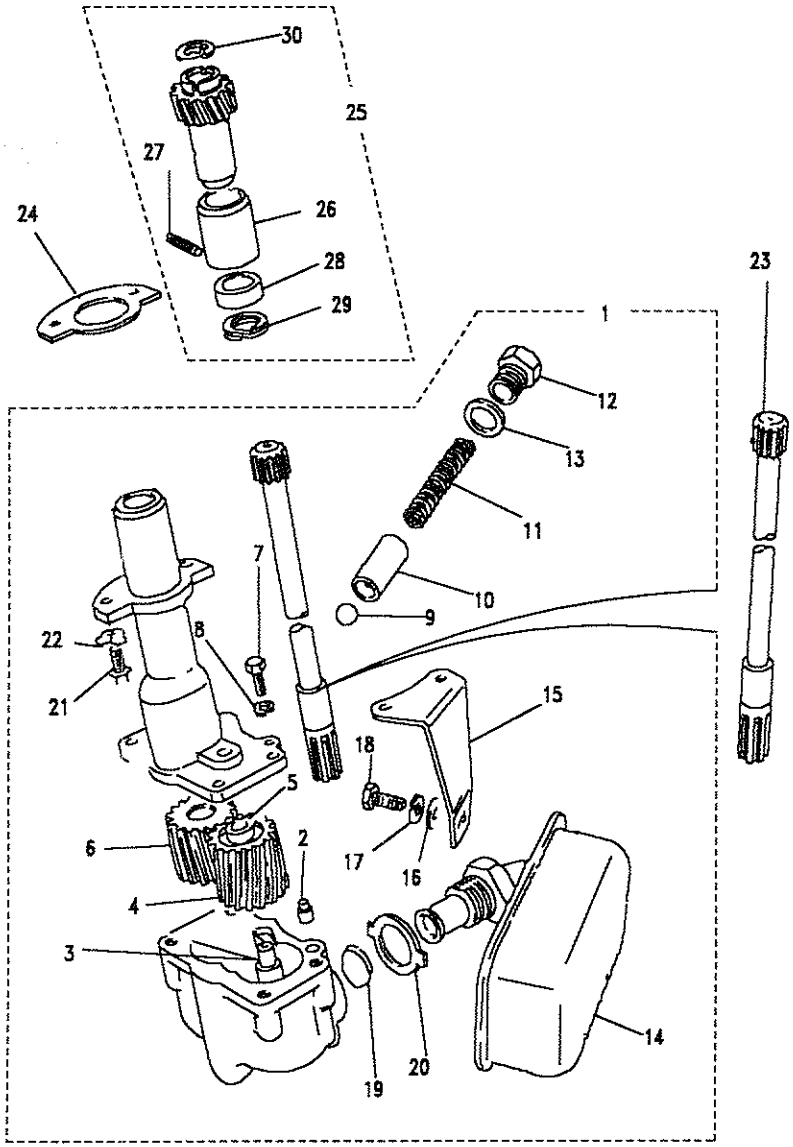
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC3644 | Pump water assembly | 1 | |
| | RTC6333 | Pump water assembly | 1 | AIR CON |
| 2 | ERC7313 | Stub-de aerator | 1 | NON AIR CON |
| 3 | ERC7312 | Plug-de aerator boss | 1 | AIR CON |
| 4 | 232046 | Washer joint | 1 | |
| 5 | ERC5600 | Screw special | 1 | |
| 6 | WL106001L | Washer spring | 1 | |
| 7 | ERC5655 | Gasket | 1 | |
| 8 | ERC5578 | Pulley-single groove | 1 | |
| 9 | ERC8890 | Pulley-twin groove | 1 | AIR CON |
| | ERC7871 | Pulley-twin groove | 1 | SPLIT CHARGE |
| 10 | ERC7489 | Spacer-fan to water pump | 1 | )BASIC |
| 11 | ERC5545 | Fan | 1 | ) |
| 12 | ERR3380 | Fan - Air Con | 1 | |
| 13 | FB108111L | Bolt-pulley to hub | 4 | )NON AIR CON |
| 14 | WL108001L | Washer spring | 4 | ) |
| 15 | BH106051L | Bolt-pulley to hub | 4 | ) |
| 16 | WL106001L | Washer spring | 4 | )AIR CON |
| 17 | SH108161L | Screw-fan to hub | 4 | ) |
| 18 | WL108001L | Washer spring | 4 | ) |




**Model** DEFENDER 90
**Page** ADBAEE1A

**ENGINE - WATER PUMP - 2.3 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | BH108161L | Bolt-pump to block | 2 | |
| 20 | WL108001L | Washer spring | 4 | |
| 21 | BH108171L | Bolt-pump to block | 1 | |
| 22 | BH108151L | Bolt-pump to block | 1 | |
| 23 | BH108161L | Bolt-pump to cover | 3 | |
| 24 | WL108001L | Washer spring | 5 | |
| 25 | ERC5654 | Hose-by pass to outlet | 1 | |
| 26 | CN100408L | Clip hose | 2 | |
| 27 | 563132 | Belt-fan | 1 | |
| | ERC8938 | Belt alternator | 1 | SPLIT CHARGE |
| 28 | ERC5708 | Viscous unit | 1 | ) |
| 29 | ERC5709 | Bolt special | 4 | )AIR CON |
| 30 | 4589L | Washer | 4 | ) |

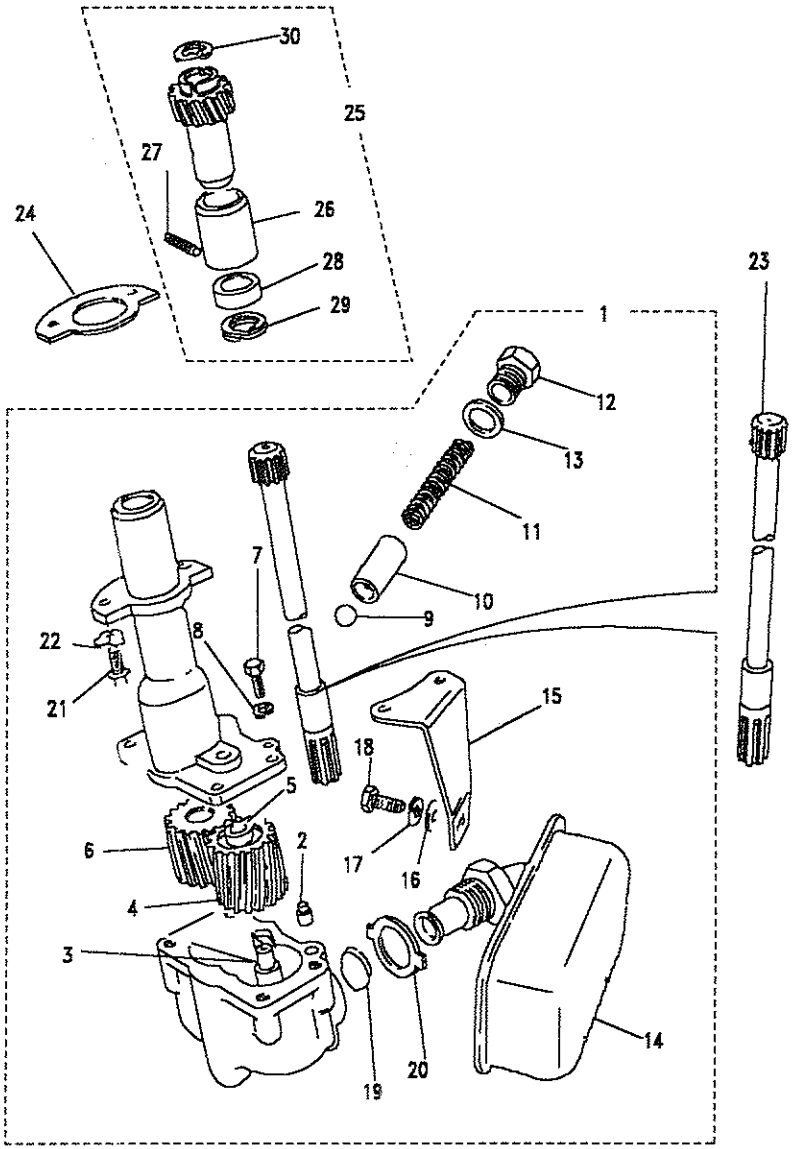



**Model** DEFENDER 90
**Page** ADBAFA1A

## ENGINE - OIL PUMP - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1117 | Pump oil assembly | 1 | |
| 2 | 236257 | Dowel | 2 | |
| 3 | ERR1063 | Spindle idler wheel | 1 | |
| 4 | 278109 | Wheel idler | 1 | )Note(1) |
| 5 | 214995 | Bush | 1 | ) |
| 6 | 240555 | Wheel driver | 1 | ) |
| 4 | ERR1088 | Wheel idler | 1 | )Note(2) |
| 6 | ERC9706 | Wheel driver | 1 | ) |
| 7 | FS108201L | Bolt | 4 | |
| 8 | WL108001L | Washer spring | 4 | |
| 9 | 3748 | Ball oil relief | 1 | )Note(1) |
| 10 | 273711 | Plunger oil relief | 1 | ) |
| | ETC4880 | Plunger oil relief | 1 | Note(2) |
| 11 | 564456 | Spring oil relief | 1 | |
| 12 | 549909 | Plug end oil relief | 1 | Note(3) |
| | 564455 | Plug end oil relief | 1 | Note(4) |
| 13 | 232044 | Washer joint oil relief | 1 | |
| 14 | ERC7530 | Filter | 1 | |
| 15 | ERC7940 | Bracket support | 1 | |
| 16 | WA108051L | Washer | 1 | |
| 17 | WL108001L | Washer spring | 1 | |
| 18 | FS108201L | Screw | 1 | |
| 19 | 244488 | 'O'ring | 1 | |
| 20 | 244487 | Washer lock | 1 | |

Note(1) For pumps with nine tooth gears
Note(2) For pumps with ten tooth gears
Note(3) Without oil cooler
Note(4) With oil cooler

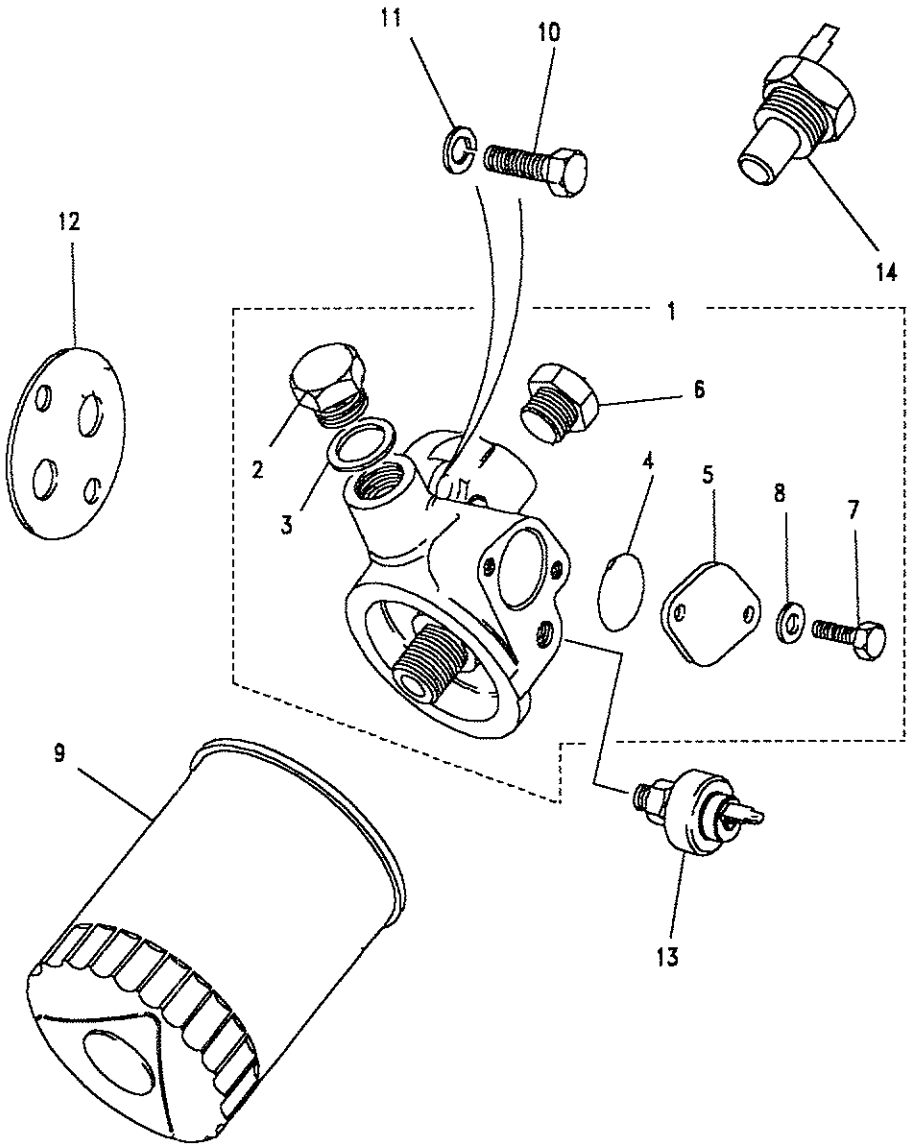



**Model** DEFENDER 90
**Page** ADBAFA1A

**ENGINE - OIL PUMP - 2.3 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 21 | SH108251L | Bolt | 2 | |
| 22 | 247665 | Washer lock | 2 | |
| 23 | ERR850 | Shaft | 1 | |
| 24 | ERC8408 | Gasket pump cover | 1 | |
| | ERR3606 | Gasket pump cover | 1 | Asbestos free |
| 25 | ETC6139 | Drive assembly | 1 | |
| 26 | 522745 | Bush | 1 | |
| 27 | ERC8976 | Screw locating | 1 | ) |
| 28 | 530178 | Washer thrust | 1 | )Note(1) |
| 29 | 530179 | Ring retaining | 1 | ) |
| 27 | ETC6142 | Screw locating | 1 | ) |
| 28 | ETC6137 | Washer thrust | 1 | )Note(2) |
| 29 | ETC6138 | Ring locking | 1 | ) |
| 30 | 247742 | Circlip | 1 | |

Note(1) Earlier type with spring ring retainer
Note(2) Later type with locking ring retainer

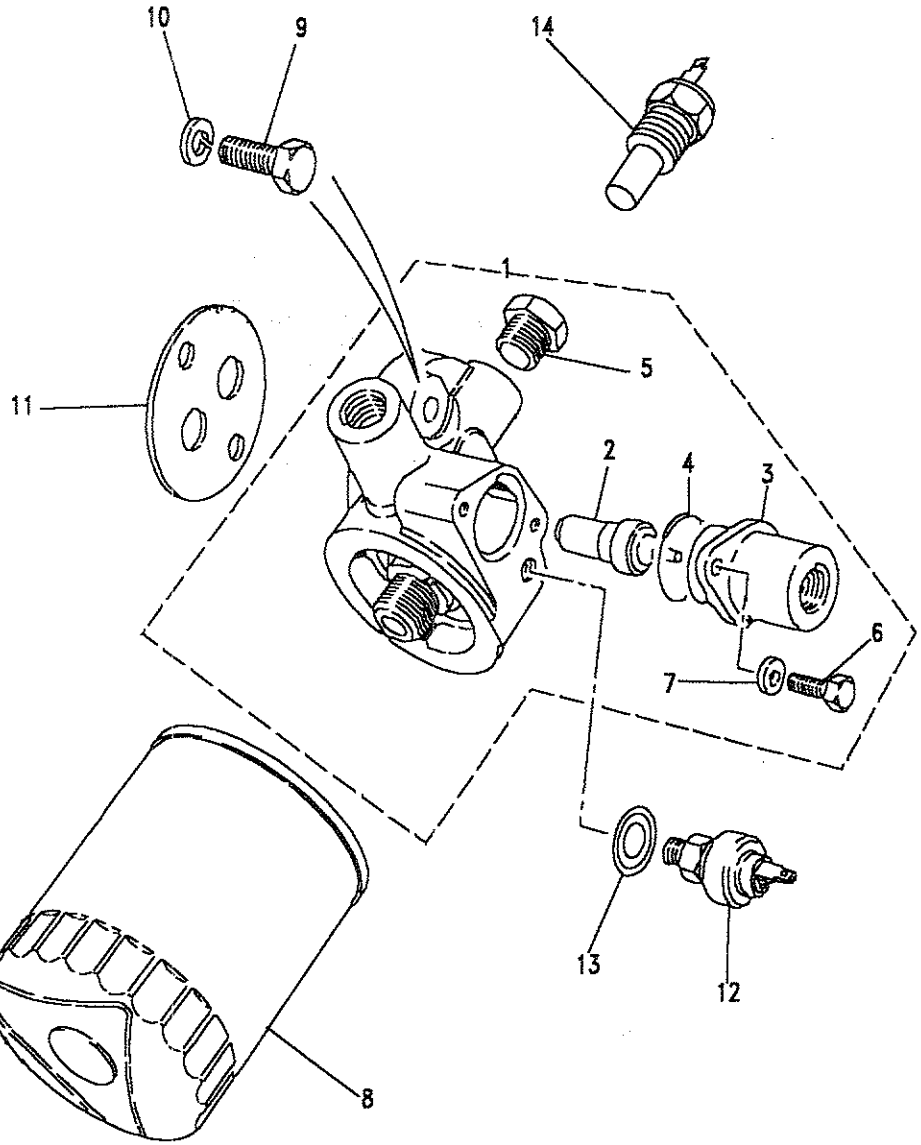



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**Page** ADBAFA2A

## ENGINE - OIL FILTER - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5347 | Adaptor assembly filter | 1 | Note(1) |
| 2 | 10713 | Plug | 1 | |
| 3 | 213961 | Washer | 1 | |
| 4 | ERC5913 | O ring | 1 | |
| 5 | ERC9884 | End plate | 1 | |
| 6 | ETC4021 | Plug | 1 | Note(2) |
| 7 | SH106141L | Screw | 2 | |
| 8 | WA106041L | Washer | 2 | |
| 9 | ERR3340 | Filter oil | 1 | |
| 10 | SH110301L | Screw filter to block | 2 | |
| 11 | WL110001L | Washer filter to block | 2 | |
| 12 | ETC7582 | Gasket oil filter | 1 | |
| | ERR4934 | Gasket oil filter | 1 | Non asbestos |
| 13 | PRC6387 | Switch-oil filter | 1 | |
| 14 | PRC2505 | Transmitter-oil temp | 1 | Note(2) |

Note(1) ETC5347 is interchangeable with ETC6519(includes filter)
Note(2) Remove ETC4021 when fitting PRC2505

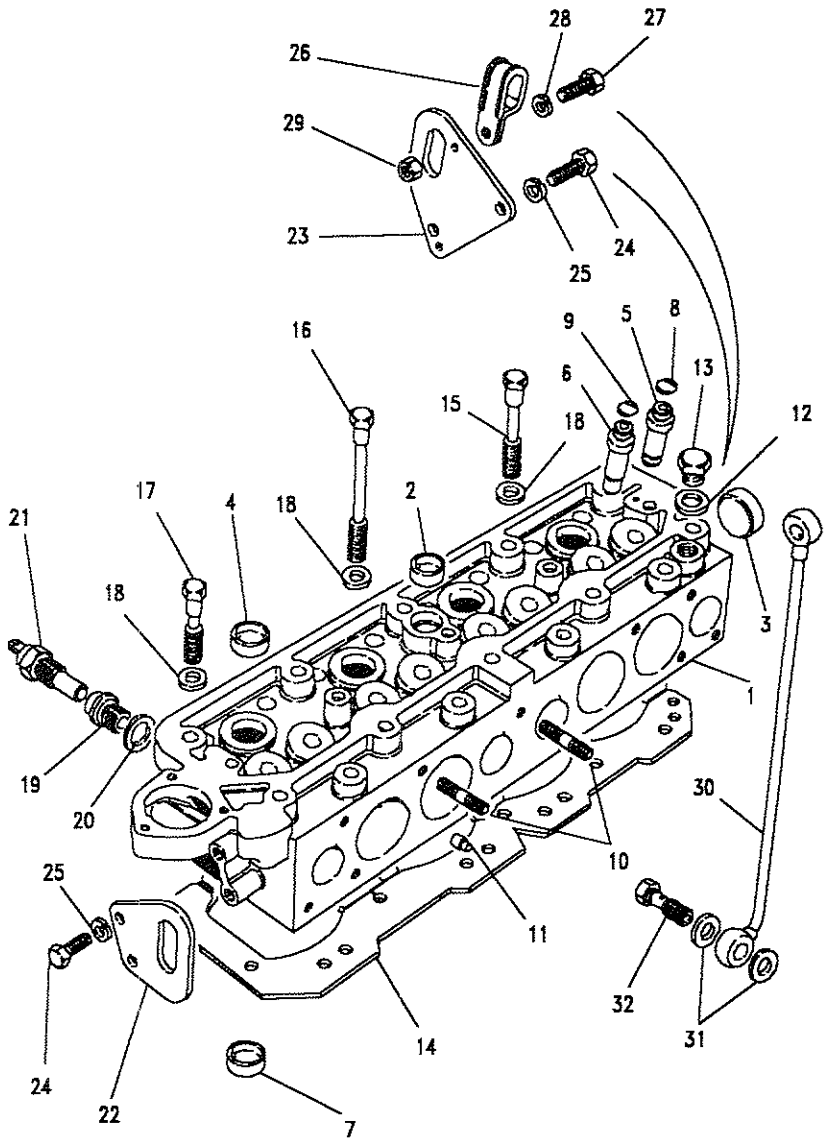



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**Page** ADBAFA3A

## ENGINE - OIL FILTER WITH OIL COOLER - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1347 | Adaptor assembly filter | 1 | |
| 2 | ERC5923 | Bulb thermostat | 1 | |
| 3 | ETC4022 | Adaptor | 1 | |
| 4 | ERC5913 | O ring | 1 | |
| 5 | ETC4021 | Plug | 1 | Note(1) |
| 6 | SH106141L | Screw | 2 | |
| 7 | WA106041L | Washer | 2 | |
| 8 | ERR3340 | Element oil filter | 1 | |
| 9 | SH110301L | Screw filter to block | 2 | |
| 10 | WL110301L | Washer filter to block | 2 | |
| 11 | ETC7582 | Gasket oil filter | 1 | |
| | ERR4934 | Gasket oil filter | 1 | Non asbestos |
| 12 | PRC6387 | Switch oil pressure | 1 | |
| 13 | 232039 | Washer joint switch | 1 | |
| 14 | PRC2505 | Transmitter oil temp | 1 | Note(1) |

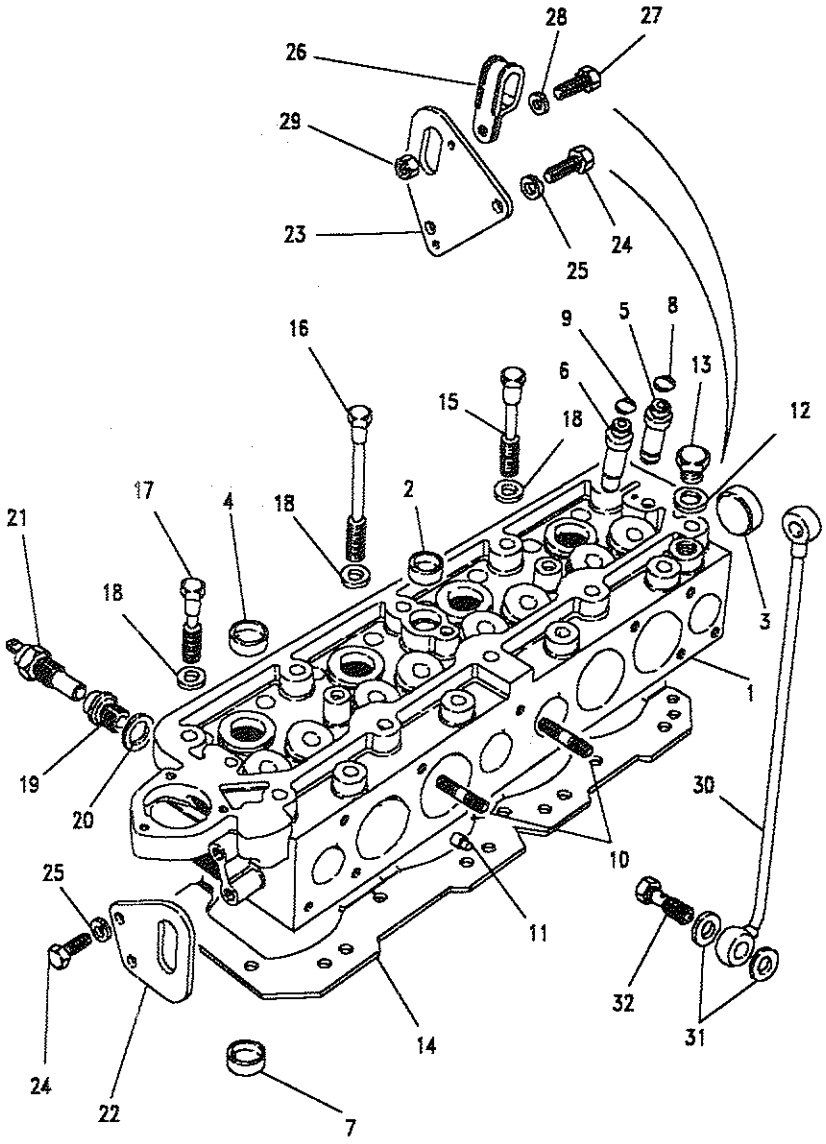
Note(1) Remove ETC4021 when fitting PRC2505




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**Page** ADBAGA1A

## ENGINE - CYLINDER HEAD - 2.3 PETROL

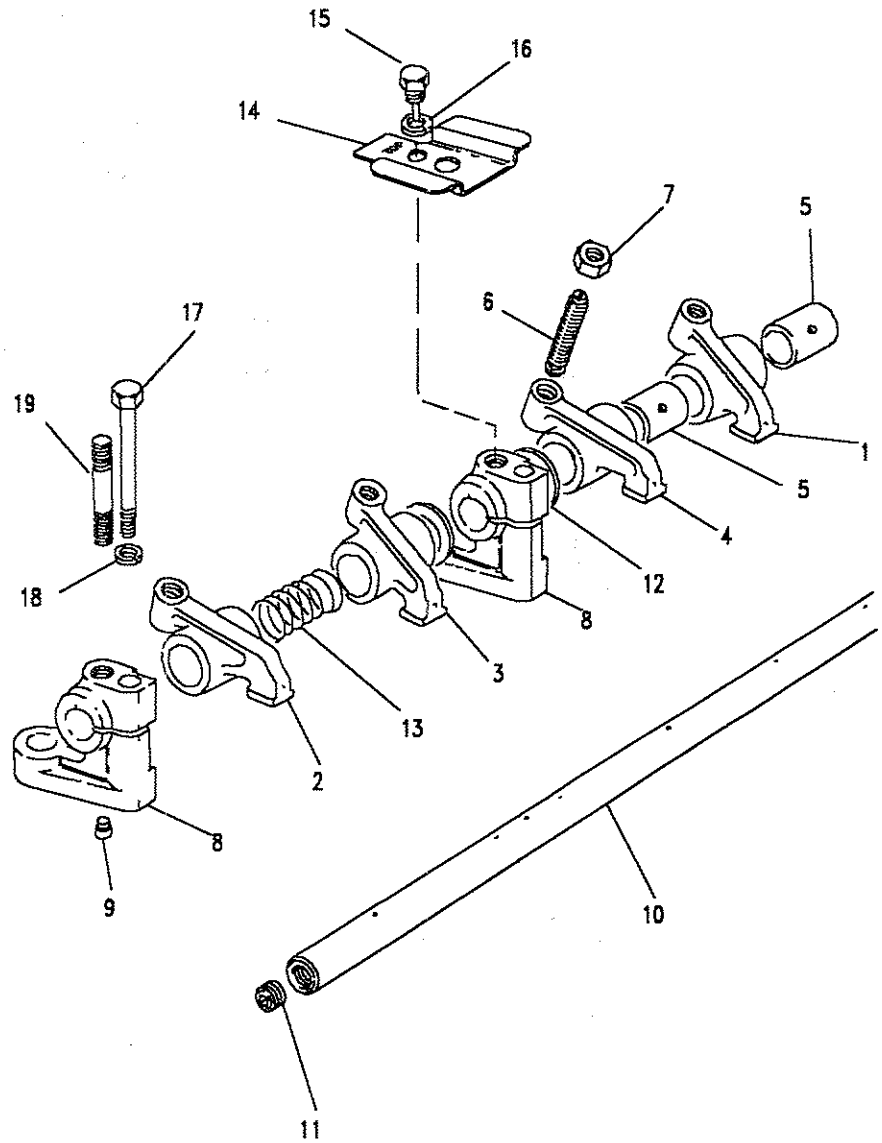
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5412 | Cylinder head assembly | 1 | |
| 2 | 525497 | Cup plug | 1 | |
| 3 | 524765 | Cup plug | 1 | |
| 4 | 549702 | Cup plug | 4 | |
| 5 | 568686 | Guide valve-inlet | 4 | |
| 6 | 568687 | Guide valve-exhaust | 4 | |
| 7 | ETC6278 | Insert-valve seat-exh | 4 | |
| 8 | ETC4709 | Seal-inlet valve | 4 | |
| 9 | ETC4751 | Seal-exhaust valve | 4 | |
| 10 | TE108051L | Stud | 3 | |
| 11 | 213700 | Dowel | 2 | |
| 12 | AFU1890L | Washer joint | 1 | |
| 13 | ERC9448 | Plug | 1 | |
| 14 | ERC6380 | Gasket | 1 | |
| 15 | 247051 | Bolt 4.562" | 9 | |
| 16 | 279648 | Bolt 2.312" | 4 | |
| 17 | 554621 | Bolt 4.125" | 5 | |
| 18 | ERC6821 | Washer | 18 | |
| 19 | ERC8973 | Adaptor | 1 | |
| 20 | AFU1890L | Washer joint | 1 | |
| 21 | PRC2505 | Transmitter water temp | 1 | |




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**Page** ADBAGA1A

**ENGINE - CYLINDER HEAD - 2.3 PETROL**

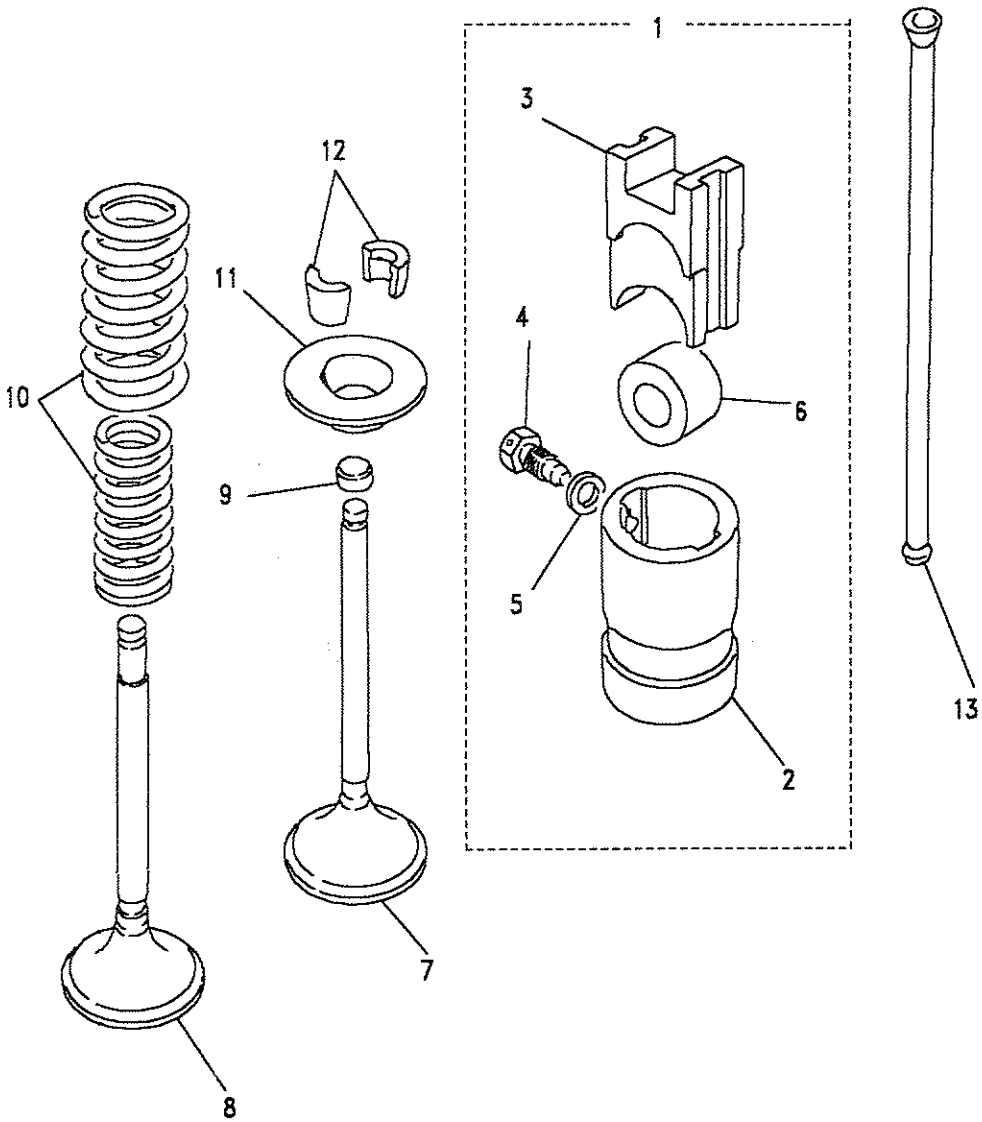
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 22 | ERC2254 | Bracket lifting-front | 1 | |
| 23 | ETC7135 | Bracket lifting-rear | 1 | |
| 24 | FS108201L | Screw-brackets to head | 4 | |
| 25 | WL108001L | Washer spring | 4 | |
| 26 | 543589 | Clip | 1 | |
| 27 | SH104121L | Screw | 1 | |
| 28 | WA104001L | Washer | 1 | |
| 29 | NH104041L | Nut | 1 | |
| 30 | 275679 | Pipe oil feed-rockers | 1 | |
| 31 | ETC6510 | Washer joint | 4 | |
| 32 | ETC4498 | Bolt banjo | 2 | |




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**Page** ADBAGC1A

## ENGINE - ROCKER SHAFT - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9103 | Rocker arm exhaust RH | 2 | |
| 2 | ERC9102 | Rocker arm exhaust LH | 2 | |
| 3 | ERC9107 | Rocker arm inlet RH | 2 | |
| 4 | ERC9106 | Rocker arm inlet LH | 2 | |
| 5 | 247614 | Bush | 8 | |
| 6 | ERC9054 | Screw adjusting | 8 | |
| 7 | NT108041L | Locknut | 8 | |
| 8 | ERC9138 | Bracket pedestal | 5 | |
| 9 | 277956 | Ring Dowel | 3 | |
| 10 | ERC6341 | Shaft | 1 | |
| 11 | ERC6337 | Plug | 2 | |
| 12 | 525389 | washer plain | 6 | |
| 13 | 247040 | Spring | 4 | |
| 14 | ERC9278 | Baffle plate-breather | 1 | |
| 15 | ETC4460 | Screw-locating | 1 | |
| 16 | WL108001L | Washer spring | 1 | |
| 17 | BH108151L | Bolt | 5 | |
| 18 | WL108001L | Washer spring | 5 | |
| 19 | TE108081L | Stud | 3 | |

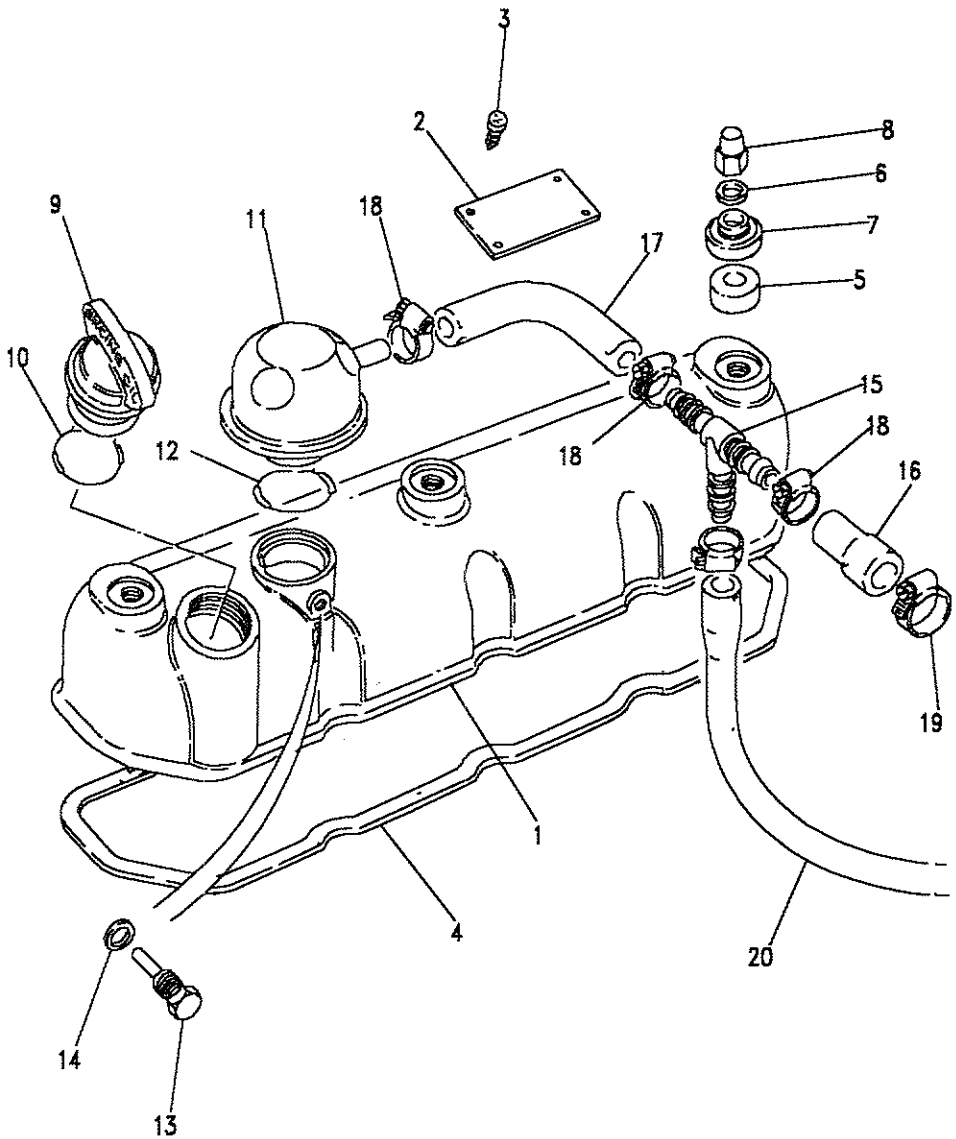



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**Page** ADBAGE1A

## ENGINE - VALVES AND TAPPETS - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 507829 | Tappet assembly | 8 | |
| 2 | 502473 | Guide tappet | 8 | |
| 3 | ERR607 | Tappet slide | 8 | |
| 4 | ETC4246 | Bolt | 8 | |
| 5 | 273069 | Washer plain | 8 | |
| 6 | ERR561 | Follower roller | 8 | |
| 7 | ETC4067 | Valve inlet | 4 | |
| 8 | ETC5866 | Valve exhaust | 4 | |
| 9 | ETC7203 | Cap-protection | 8 | Note(1) |
| 10 | ERR4640 | Valve Spring | 8 | |
| 11 | ETC4068 | Cup-Valve Spring | 8 | |
| 12 | ETC4069 | Split Cotter Halves | 16 | |
| 13 | 546798 | Push Rod | 8 | |

Note(1) Cap can be fitted if valves show excessive wear

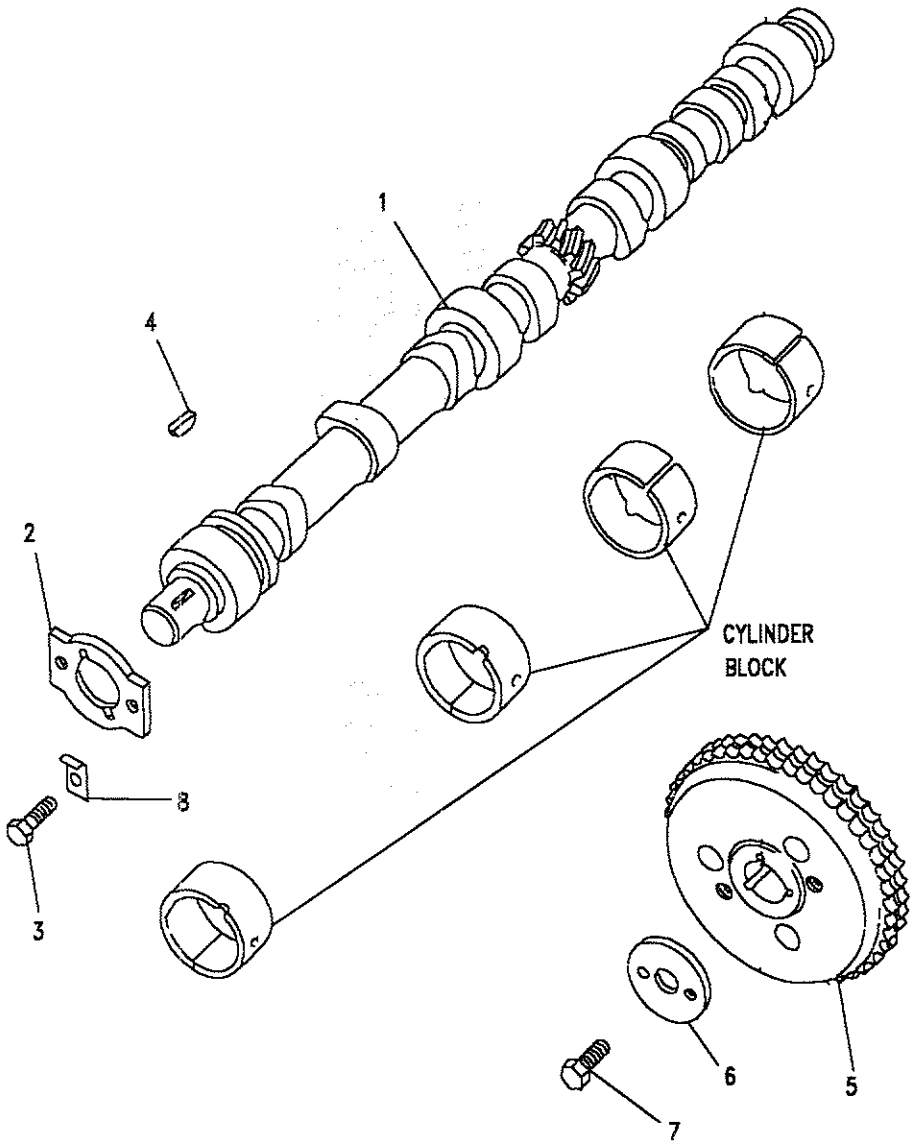



**Model** DEFENDER 90
**Page** ADBAGG1A

## ENGINE - ROCKER COVER - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC2866 | Rocker cover | 1 | )Note(1) |
| 2 | 247634 | Plate-tappet clearance | 1 | ) |
| 3 | AB606021L | Screw-plate to cover | 4 | ) |
| 1 | ETC5955 | Rocker cover | 1 | )Note(2) |
| 11 | ERR1454 | Breather | 1 | ) |
| 12 | ERR736 | 'O'ring | 1 | ) |
| 4 | ETC6439 | Gasket rocker cover | 1 | |
| | ERR4933 | Gasket rocker cover | 1 | Asbestos free |
| 5 | 506069 | Washer sealing | 3 | Note(1) |
| 6 | 273069 | Sealing Washer | 3 | |
| 7 | 247624 | Cover for Washer | 3 | Note(1) |
| 8 | ERC9220 | Domed Nut | 3 | |
| 9 | 625038 | Oil Filler Cap | 1 | ) |
| 10 | 564258 | 'O'ring | 1 | ) |
| 11 | 574658 | Breather Silencer Assy | 1 | )Note(1) |
| 12 | 268887 | 'O' Ring-Breather | 1 | ) |
| 13 | 515291 | Screw | 1 | ) |
| 14 | 232037 | Joint Washer | 1 | |
| 15 | ERC6200 | Tee Piece | 1 | |
| 16 | ERC9032 | Hose Tee Piece to Elbow | 1 | |
| 17 | ERC9031 | Hose Rocker to Tee Piece | 1 | |
| 18 | CN100208L | Clip Hose | 4 | |
| 19 | CN100148L | Clip Hose | 1 | |
| 20 | ERC9033 | Hose Tee Piece to Carb | 1 | |

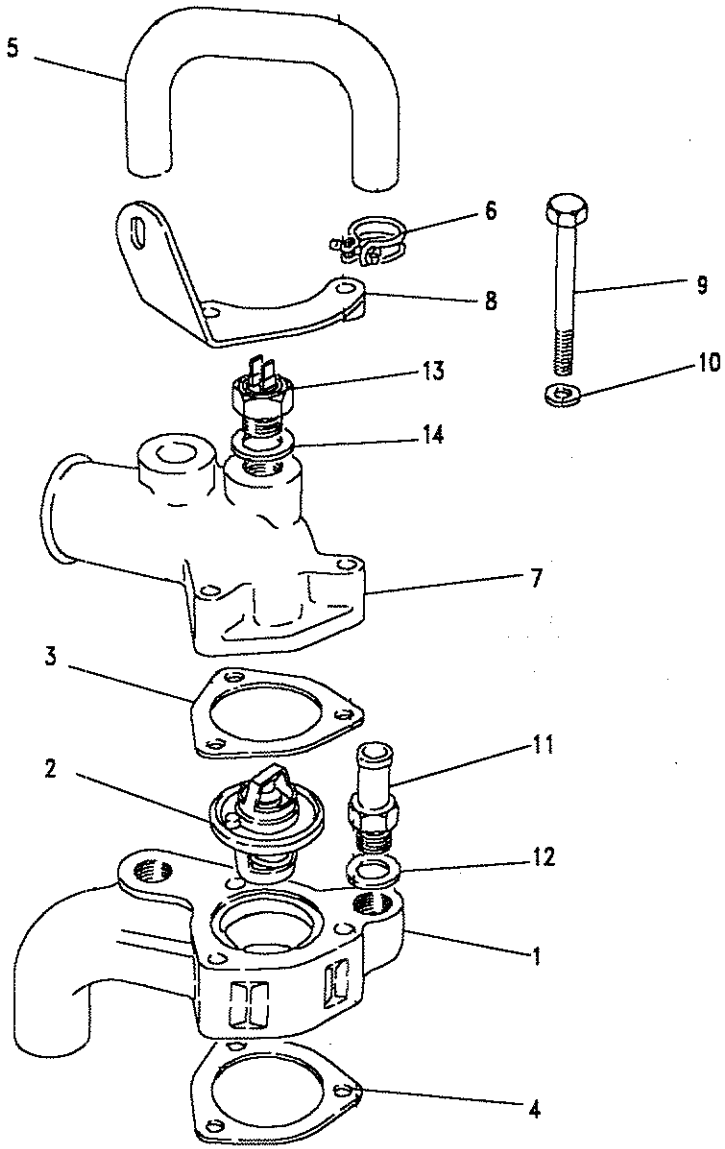
Note(1) Use with ERC2866 which has oil filler and breather separate
Note(2) Use with ETC5955 which has oil filler and breather together




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**Page** ADBAGI1A

**ENGINE - CAMSHAFT - 2.3 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7128 | Camshaft | 1 | |
| 2 | ERC1561 | Thrust plate | 1 | |
| 3 | FS106167 | Screw | 2 | |
| 4 | 230313 | Key woodruff | 1 | |
| 5 | ETC5172 | Chainwheel | 1 | |
| 6 | ETC4140 | Washer retaining | 1 | |
| 7 | BX110071L | Bolt retaining | 1 | |
| 8 | 2995 | Locker | 2 | |

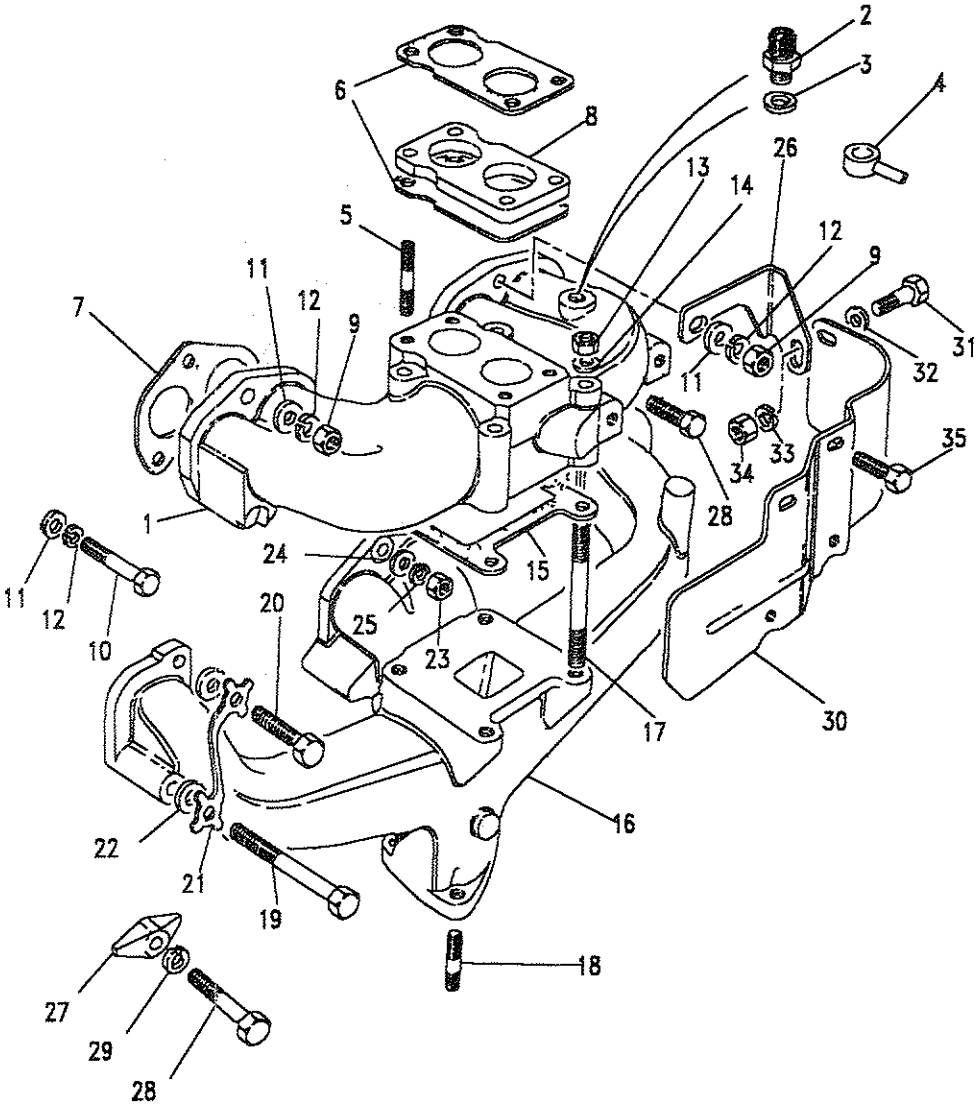



**Model** DEFENDER 90
**Page** ADBAGK1A

## ENGINE - THERMOSTAT HOUSING - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC8758 | Thermostat housing | 1 | Note(3) |
| 2 | ETC4763 | Thermostat 82o | 1 | |
| | ETC4761 | Thermostat 74o | 1 | OPTIONAL |
| 3 | ERR977 | Gasket thermostat housing | 1 | |
| | ERR3682 | Gasket thermostat housing | 1 | Asbestos free |
| 4 | 247874 | Washer joint | 1 | |
| 5 | ERC7510 | Hose | 1 | Note(1) |
| | BTR6141 | Hose | 1 | Note(2) |
| 6 | CN100258L | Clip hose | 2 | |
| 7 | ETC5967 | Connection water outlet | 1 | NON AIR CON |
| | ETC5958 | Connection water outlet | 1 | AIR CON |
| 8 | ETC5965 | Bracket cowl mounting | 1 | |
| 9 | BH106151L | Bolt | 3 | |
| 10 | WL106001L | Washer spring | 3 | |
| 11 | 624091 | Adaptor thermo assembly | 2 | |
| 12 | 243959 | Washer joint | 2 | |
| 13 | RRC3366 | Switch-temp/sensor-BLUE | 1 | ) |
| | PRC3541 | Switch-temp/sensor-RED | 1 | )AIR CON |
| 14 | C457593 | Washer | 2 | ) |

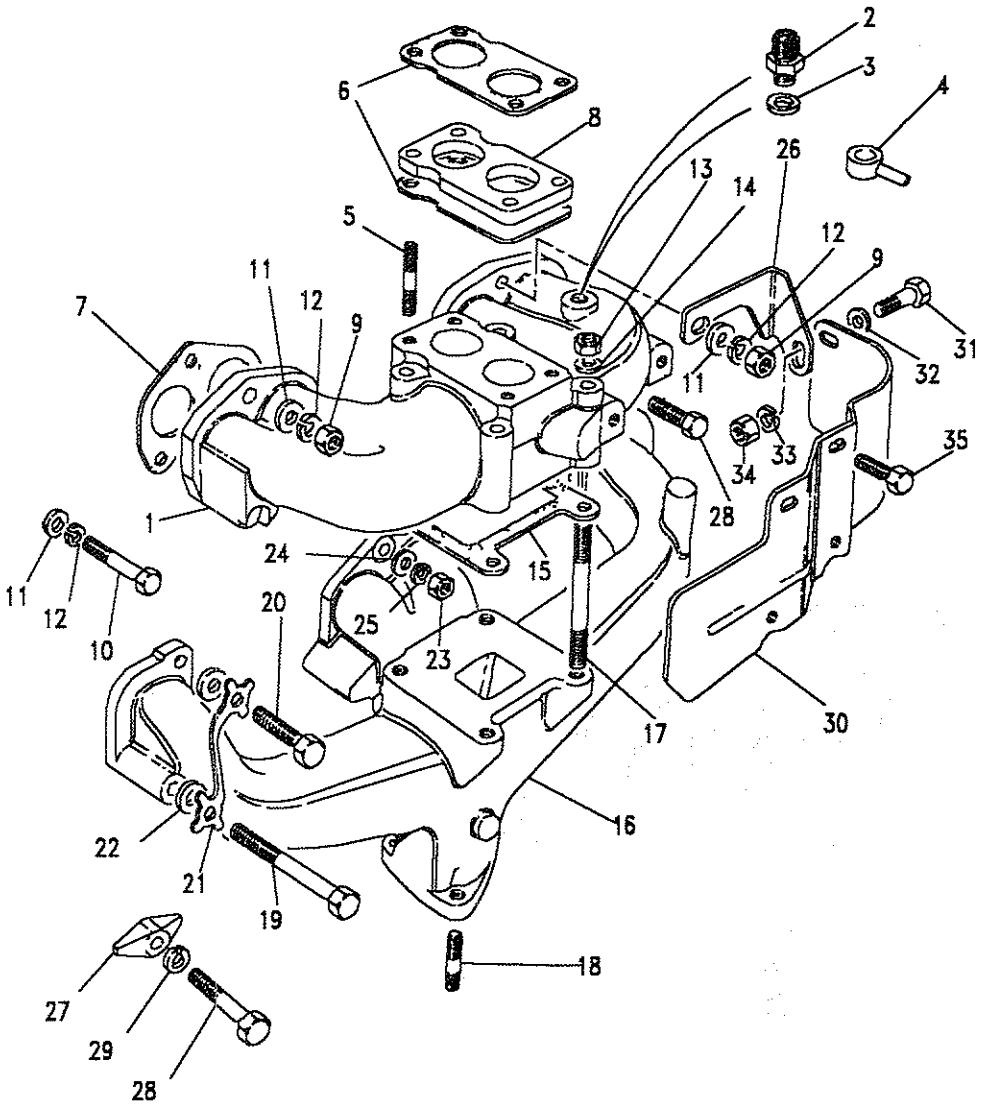
Note(1) Up to JA920214
Note(2) From JA920215
Note(3) The separate Thermostat Housing and By-Pass-Pipe are no longer available, use the one piece unit.




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**Page** ADBAHA1A

**ENGINE - MANIFOLD - 2.3 PETROL**

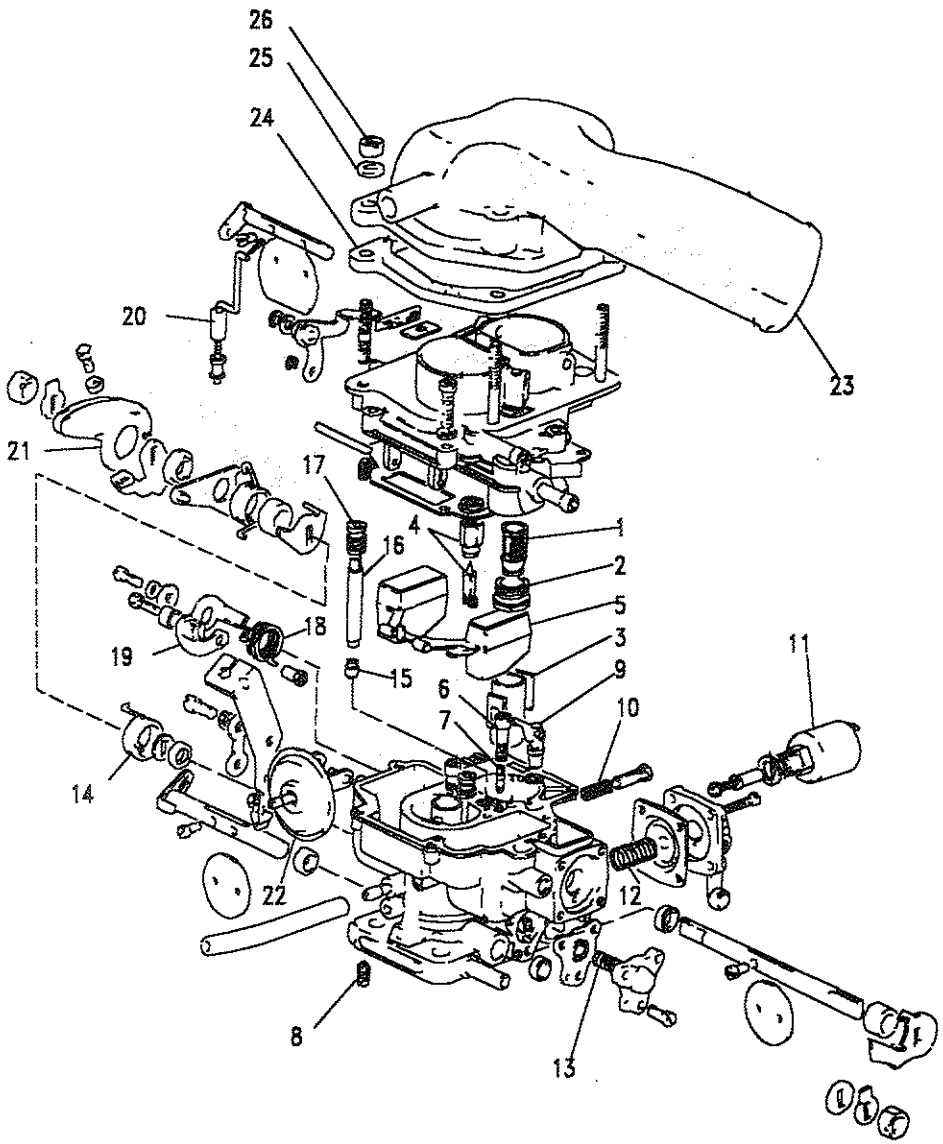
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9069 | Manifold inlet | 1 | |
| 2 | 90513171 | Adaptor servo | 1 | |
| | 587517 | Adaptor servo DETOXED | 1 | |
| 3 | 243958 | Washer joint | 1 | |
| | 243958 | Washer joint DETOXED | 2 | |
| 4 | ERC6691 | Banjo DETOXED | 1 | |
| 5 | TE108071L | Stud carb to inl/man | 4 | |
| | TE108071L | Stud carb to inl/man | 2 | )HAND THROTTLE |
| | TE108081L | Stud carb to inl/man | 2 | ) |
| 6 | ERC8645 | Washer joint | 2 | |
| | ERR4385 | Washer joint | 2 | Asbestos free |
| 7 | 564307 | Washer joint | 2 | |
| 8 | ERC8460 | Insulator heat | 1 | |
| | ERR4386 | Insulator heat | 1 | Asbestos free |
| 9 | NH108041L | Nut manifold to head | 2 | |
| 10 | BH108105L | Bolt manifold to head | 2 | |
| 11 | 587405 | Washer manifold to head | 4 | |
| 12 | WL108001L | Washer spring | 4 | |
| 13 | NH108041L | Nut manifold to manifold | 4 | |
| 14 | WA108051L | Washer | 4 | |
| 15 | ERC8124 | Gasket manifold | 1 | |
| | ERR4387 | Gasket manifold | 1 | Asbestos free |
| 16 | ERC9071 | Manifold exhaust | 1 | |
| 17 | TE108131L | Stud-manifold to manifold | 4 | |
| 18 | AFU1848L | Stud-fixing exhaust pipe | 3 | |




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**Page** ADBAHA1A

## ENGINE - MANIFOLD - 2.3 PETROL

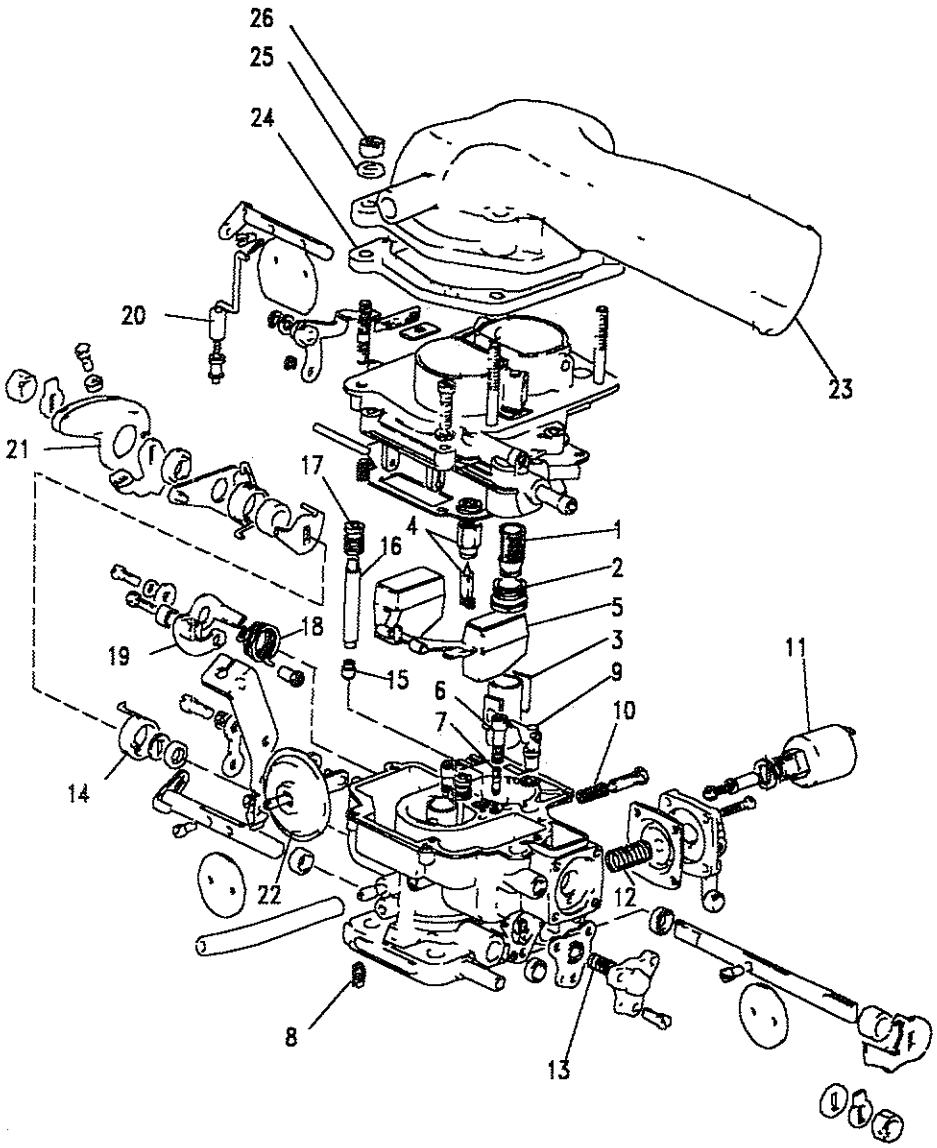
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | BH108141L | Bolt-manifold to head | 2 | |
| 20 | SH108301L | Screw-manifold to head | 2 | |
| 21 | 596490 | Plate locking | 2 | |
| 22 | 587405 | Washer-manifold to head | 4 | |
| 23 | NH108041L | Nut-centre flange to head | 1 | |
| 24 | 587405 | Washer-centre flange/haed | 1 | |
| 25 | WL108001L | Washer spring-flange/head | 1 | |
| 26 | ETC5040 | Bracket-heat shield | 1 | |
| 27 | 564308 | Clamp-manifolds to head | 2 | |
| 28 | BH108141L | Bolt-manifolds to head | 2 | |
| 29 | WL108001L | Washer spring | 2 | |
| 30 | ERC8712 | Shield-exhaust manifold | 1 | |
| 31 | BH108201L | Bolt-shield to manifold | 1 | |
| 32 | WA108051L | Washer-shield to manifold | 4 | |
| 33 | WL108001L | washer spring | 3 | |
| 34 | NH108041L | Nut-shield to manifold | 1 | |
| 35 | SH108141L | Screw-shield to manifold | 2 | |




**Model** DEFENDER 90
**Page** ADBAIA1A

**ENGINE - CARBURETTER - 2.3 PETROL - MECHANICAL PUMP**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | ETC5305 | Carburetter | 1 | |
| | RTC3948 | Kit conversation | 1 | |
| | ETC5306 | Carburetter DETOXED | 1 | |
| | RTC3948 | Kit conversation DETOXED | 1 | |
| 1 | AEU2587 | Element filter | 1 | |
| 2 | AEU2586 | Cap filter element | 1 | |
| 3 | AEU2585 | Centring device | 2 | |
| 4 | AEU2584 | Needle valve | 1 | |
| 5 | AEU2583 | Float | 1 | |
| 6 | AEU2582 | Holder idling jet | 2 | |
| 7 | AEU2581 | Jet primary idling | 1 | |
| | AEU2580 | Jet secondary idling | 1 | |
| 8 | AEU2579 | Screw adjusting | 2 | |
| 9 | AEU2578 | Jet pump | 1 | |
| 10 | AEU2577 | Spring primary butterfly | 1 | |
| 11 | RTC4850 | Solenoid idling | 1 | |
| 12 | AEU2575 | Spring preload pump | 1 | |
| 13 | AEU2572 | Spring full power valve | 1 | |
| 14 | AEU2569 | Spring spindle return | 1 | |
| 15 | AEU2568 | Jet primary main | 1 | |
| | AEU2567 | Jet secondary main | 1 | |
| 16 | AEU2566 | Tube mixer primary/secon | 2 | |
| 17 | AEU2565 | Jet air brake | 2 | |
| 18 | AEU2564 | Spring | 1 | |
| 19 | AEU2563 | Lever starting control | 1 | |
| 20 | AEU2562 | Rod starting | 1 | |
| 21 | AEU2561 | Lever Butterfly valve | 1 | |



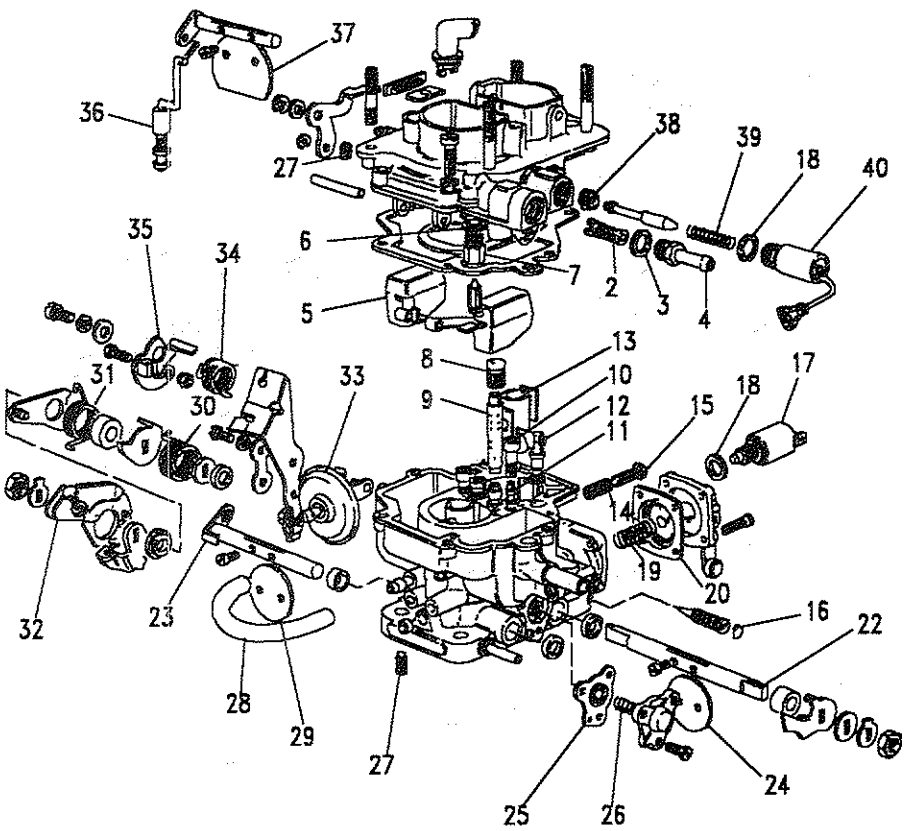

**Model** DEFENDER 90
**Page** ADBAIA1A

**ENGINE - CARBURETTER - 2.3 PETROL - MECHANICAL PUMP**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 22 | AEU2560 | Throttle | 1 | |
| 23 | ERC8631 | Elbow air intake | 1 | |
| | ERC9896 | Elbow air intake DETOXED | 1 | |
| 24 | ERC7922 | Gasket elbow | 1 | |
| | ERR4384 | Gasket elbow | 1 | Asbestos free |
| 25 | WA105001L | Washer plain | 4 | |
| 26 | NH105041L | Nut | 4 | |
| | RTC3663 | Solenoid | 1 | |
| | RTC3664 | Washer solenoid | 1 | |
| | RTC3665 | Valve rubber solenoid | 1 | |
| | ERC7343 | Valve control DETOXED | 1 | |
| | AEU2557 | Kit overhaul | 1 | Note(1) |
| | RTC5863 | Kit overhaul | 1 | Note(2) |
| | RTC3948 | Kit conversion | 1 | |
| | ETC5603 | Pipe fuel | 1 | |
| | ETC5605 | Connector | 3 | |
| | C435996L | Clip | 6 | |
| | RTC3949 | Tee piece | 1 | |
| | ERC298 | Hose | 1 | |
| | ETC4959 | Clip carb breather | 1 | |
| | PRC3702 | Clip | 1 | |
| | PRC3494 | Plate mounting | 1 | |
| | PRC4376 | Lead coil to solenoids | 1 | |

Note(1) Kit used on single solenoid carburetters
Note(2) Kit used on twin solenoid carburetters

1

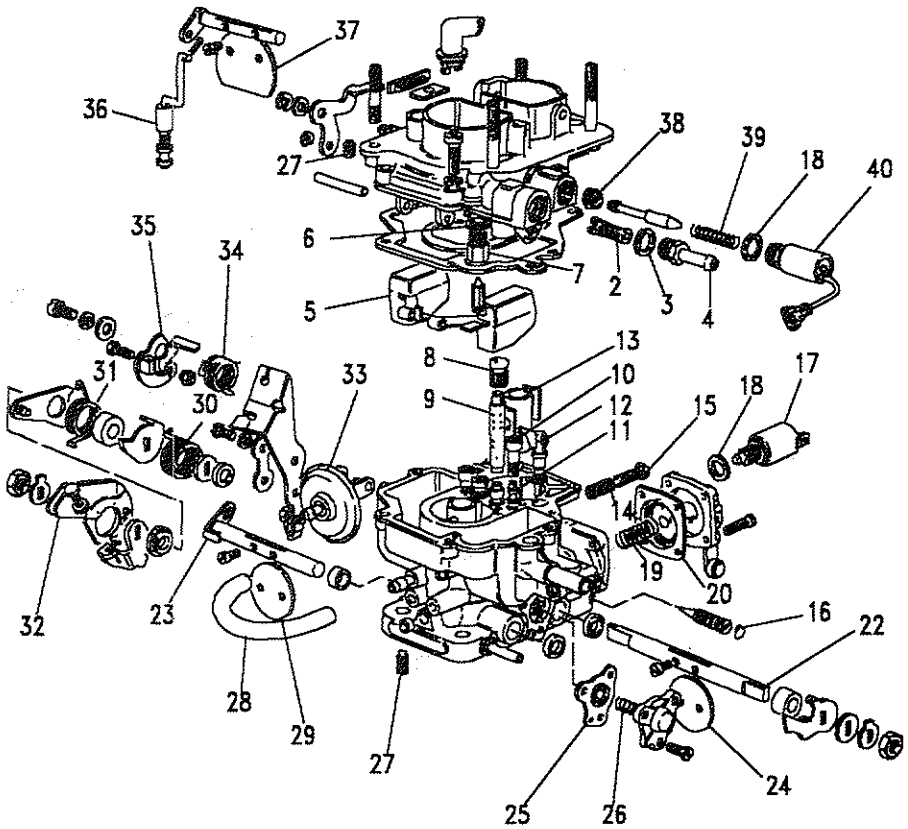



**Model** DEFENDER 90
**Page** ADBAIA2A

**ENGINE - CARBURETTER - 2.3 PETROL - ELECTRICAL PUMP**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5305 | Carburetter twin choke | 1 | |
| | ETC5306 | Carburetter twin choke | 1 | DETOXED |
| 2 | RTC4421 | Element fit horizontal | 1 | |
| 3 | RTC4420 | Washer | 1 | |
| 4 | RTC4419 | Pipe inlet | 1 | |
| 5 | AEU2583 | Float | 1 | |
| 6 | RTC4896 | Gasket needle valve | 1 | |
| 7 | AEU2584 | Valve needle | 1 | |
| 8 | AEU2565 | Jet air brake primary | 2 | |
| 9 | AEU2566 | Tube mixer primary | 2 | |
| 10 | AEU2582 | Holder idling jet | 2 | |
| 11 | AEU2581 | Jet primary idling | 1 | |
| | AEU2580 | Jet secondary idling | 1 | |
| 12 | AEU2578 | Jet pump | 1 | |
| 13 | AEU2585 | Centring device | 2 | |
| 14 | AEU2577 | Spring primary butterfly | 1 | |
| 15 | RTC4898 | Screw idle speed | 1 | |
| 16 | RTC4900 | O Ring mixture screw | 1 | |
| 17 | RTC4850 | Solenoid idler | 1 | |
| 18 | RTC3664 | Washer | 2 | |
| 19 | AEU2575 | Spring | 1 | |
| 20 | RTC4901 | Pump diaphragm | 1 | |
| 21 | RTC4903 | Seal shaft | 1 | |
| 22 | AEU2573 | Shaft primary | 1 | |
| 23 | AEU2570 | Shaft secondary | 1 | |

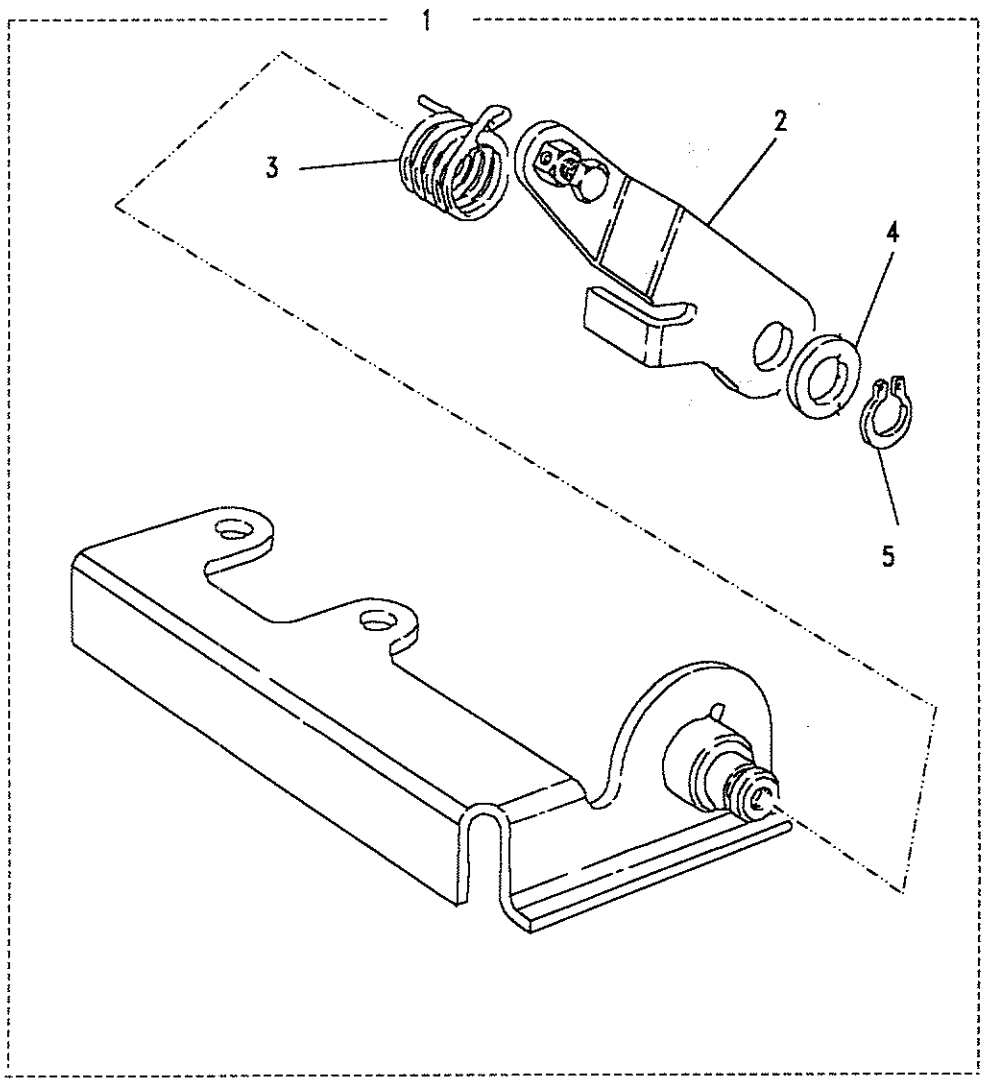
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**Model** DEFENDER 90
**Page** ADBAIA2A

**ENGINE - CARBURETTER - 2.3 PETROL - ELECTRICAL PUMP**

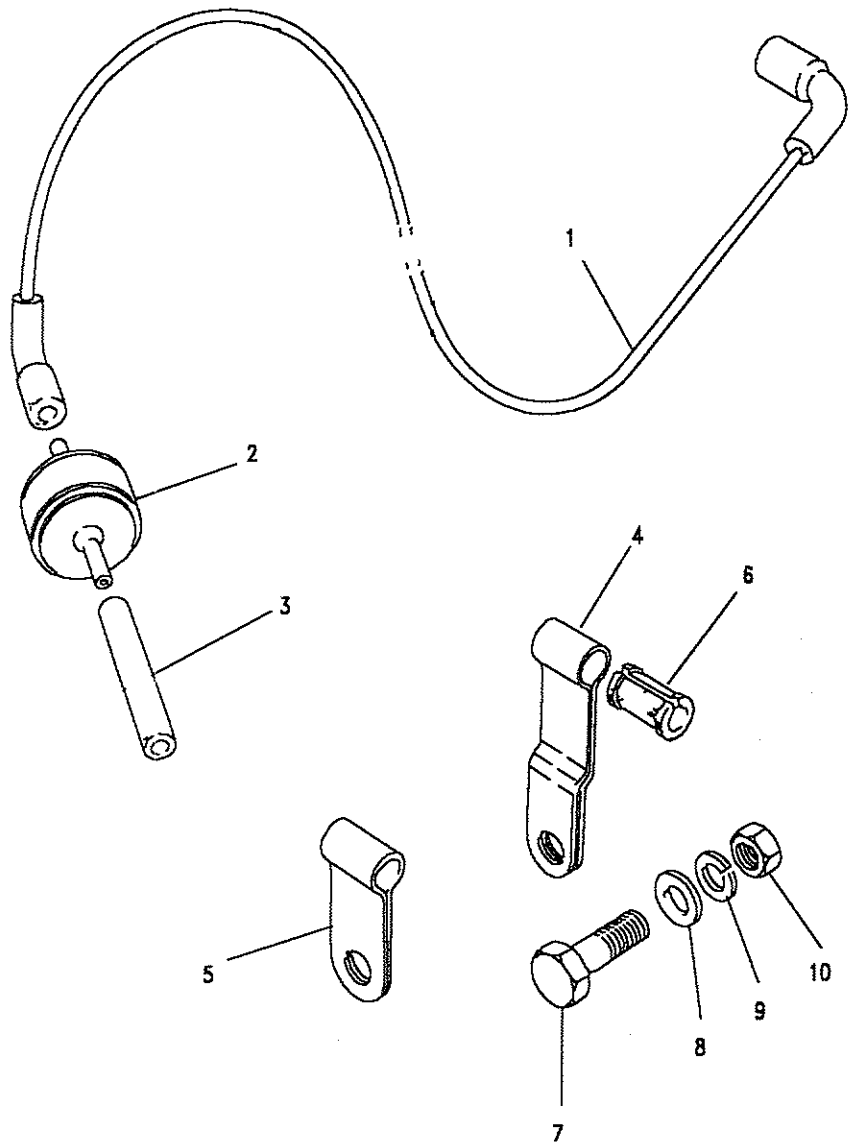
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 24 | AEU2574 | Plate throttle | 1 | |
| 25 | RTC4860 | Diaphram | 1 | |
| 26 | RTC4851 | Spring | 1 | |
| 27 | AEU2579 | Screw adjusting | 2 | |
| 28 | AEU4904 | Tube | 1 | |
| 29 | AEU2572 | Plate throttle | 1 | |
| 30 | AEU2569 | Spring spindle return | 1 | |
| 31 | AEU2564 | Spring | 1 | |
| 32 | RTC4853 | Lever throttle | 1 | |
| 33 | AEU2560 | Throttle | 1 | |
| 34 | AEU2564 | Spring | 1 | |
| 35 | AEU2563 | Lever starting control | 1 | |
| 36 | AEU2562 | Rod starting | 1 | |
| 37 | AEU2558 | Plate choke | 1 | |
| 38 | RTC3665 | Seal valve | 1 | |
| 39 | RTC4908 | Spring | 1 | |
| 40 | RTC3663 | Solenoid | 1 | |
| | RTC5863 | Kit Overhaul | 1 | |




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**Page** ADBAIA3A

**ENGINE - HAND THROTTLE - 2.3 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9708 | Bracket assembly | 1 | |
| 2 | ERC9693 | Lever assembly | 1 | |
| 3 | ERC9704 | Spring | 1 | |
| 4 | WB600071L | Washer plain | 1 | |
| 5 | CR120115L | Circlip | 1 | |



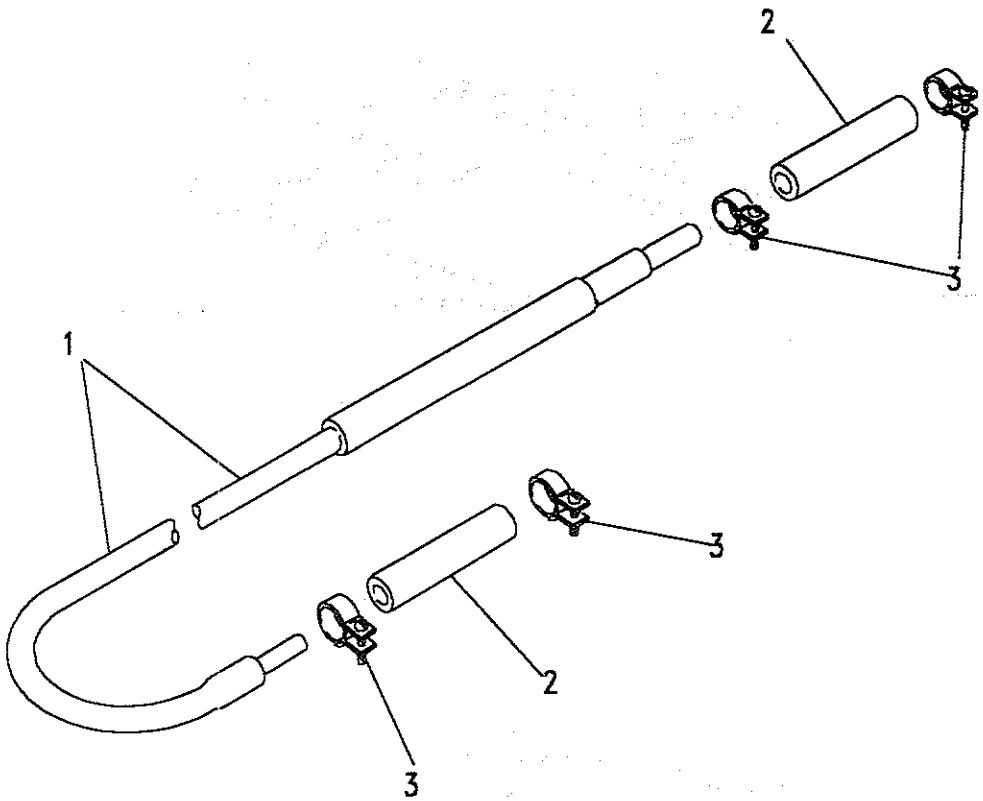

**Model** DEFENDER 90
**Page** ADBAIC1A

## ENGINE - VACUUM PIPES - CARBURETTER - 2.3 PETROL

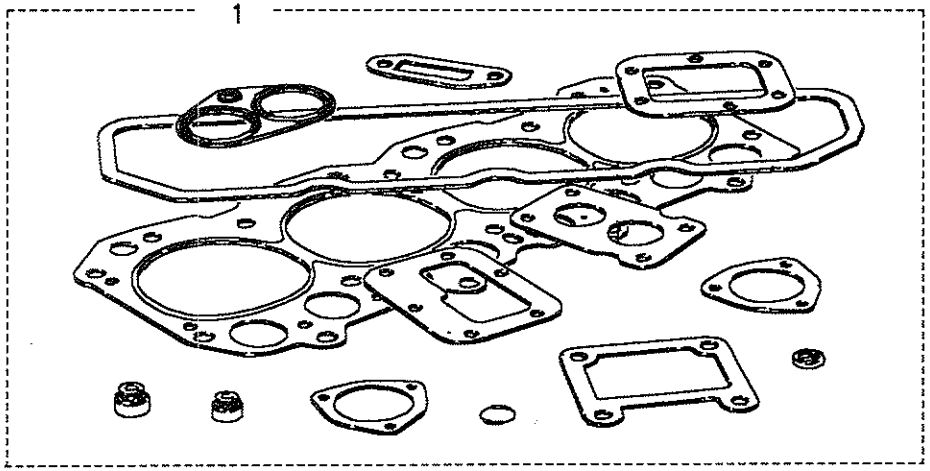
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9294 | Pipe assembly-vac/advance | 1 | |
| 2 | ERC8119 | Valve-vacuum delay | 1 | |
| 3 | ERC6996 | Hose-dist/to/relay | 1 | |
| 4 | 512646 | Clip pipe | 1 | |
| 5 | 214228 | Clip pipe | 1 | |
| 6 | 214229 | Grommet-clip | 2 | |
| 7 | SH604051L | Screw | 1 | |
| 8 | RTC609 | Washer | 1 | |
| 9 | WM600041L | Washer spring | 1 | |
| 10 | NH604041L | Nut | 1 | |

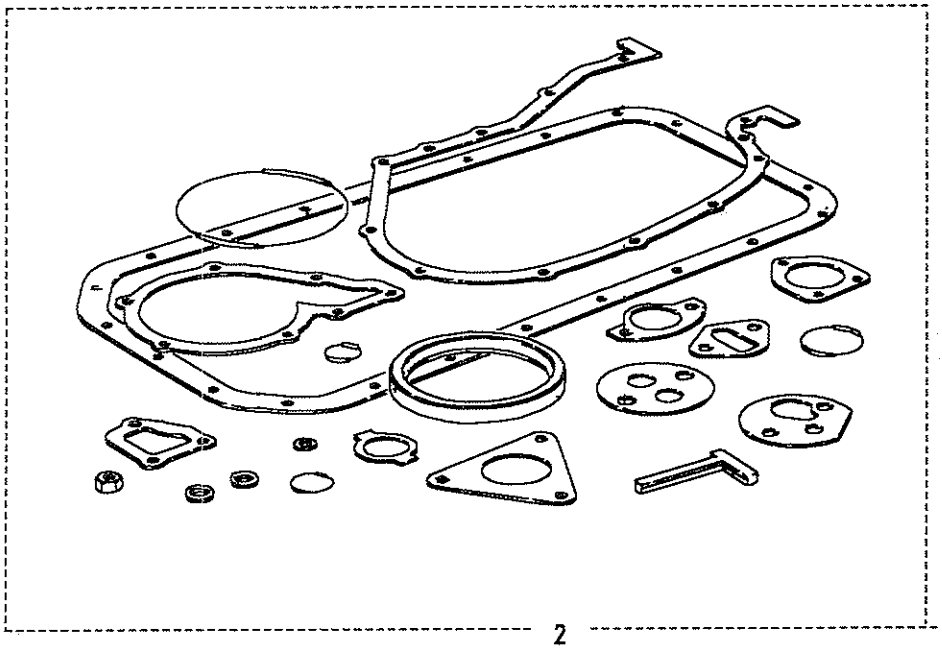
**Model** DEFENDER 90
**Page** ADBAIC2A

## ENGINE - CARBURETTER - 2.3 PETROL - FUEL PIPES




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4925 | Pipe fuel | 1 | |
| 2 | 587684 | Connection | 2 | |
| 3 | 572839 | Clip | 4 | |

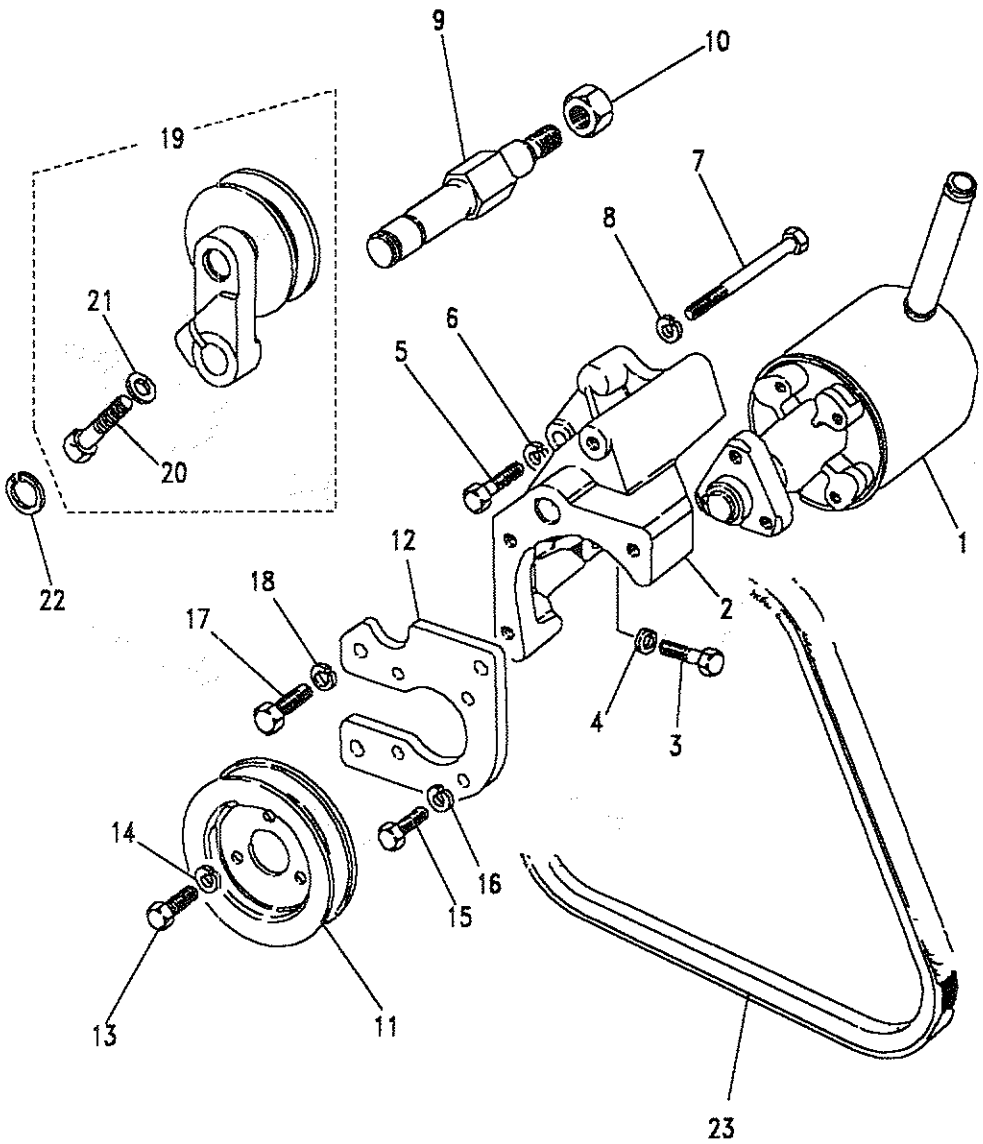



**Model** DEFENDER 90
**Page** ADBAMA1A

## ENGINE - GASKET KITS - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2889 | Kit decarbonising | 1 | |
| | STC1640 | Kit decarbonising | 1 | Asbestos free |
| 2 | RTC2890 | Kit overhaul | 1 | |
| | STC1467 | Kit overhaul | 1 | Asbestos free |

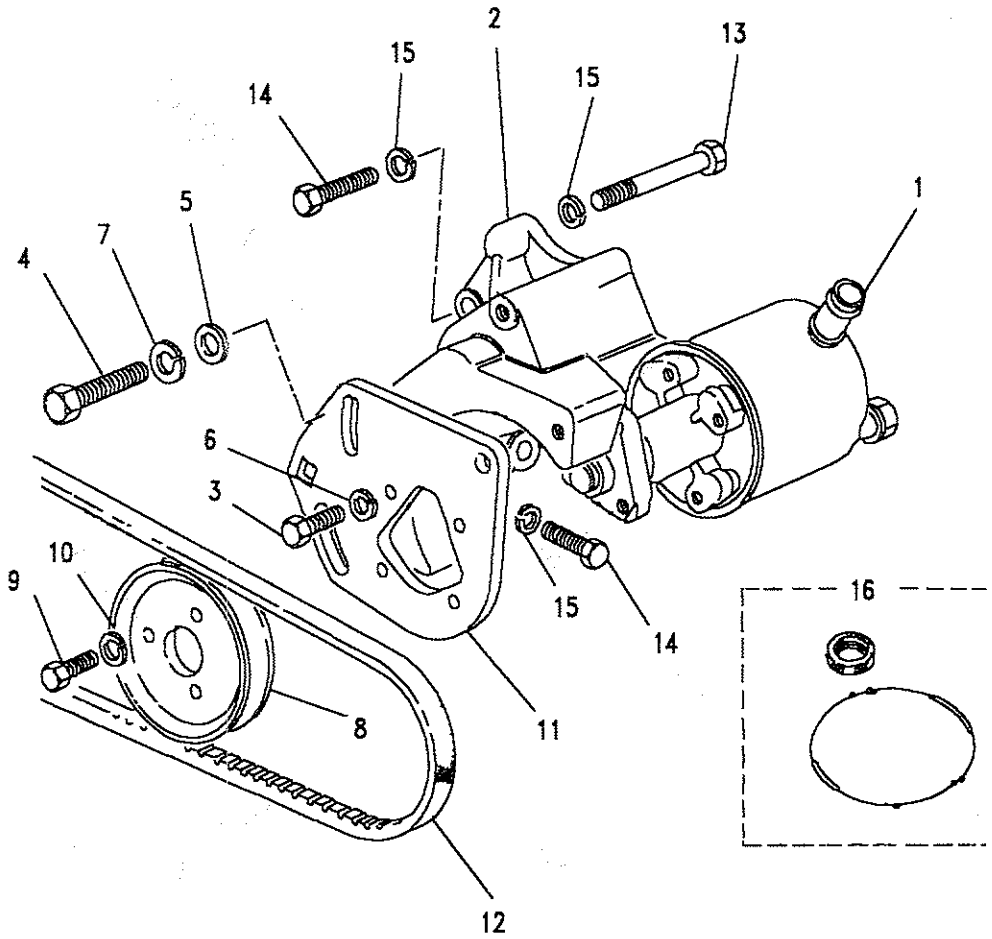



**Model** DEFENDER 90
**Page** ADBANC1A

## ENGINE - POWER STEERING PUMP (ADWEST) - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | | Pump power steering | 1 | Note(1) |
| | RTC4485 | Banjo | 1 | |
| 2 | ERC6974 | Bracket | 1 | |
| 3 | SH108251L | Screw | 3 | |
| 4 | WL108001L | Washer spring | 3 | |
| 5 | SH108301L | Screw | 1 | |
| 6 | WL108001L | Spring Washer | 1 | |
| 7 | BH108181L | Bolt | 1 | |
| 8 | WL108001L | Washer spring | 1 | |
| 9 | ERC6976 | Spigot | 1 | |
| 10 | ERC6977 | Nut special | 1 | |
| 11 | ERC5145 | Pulley | 1 | |
| 12 | ERC6975 | Plate mounting | 1 | |
| 13 | SH108141L | Screw | 3 | |
| 14 | WL108001L | Washer spring | 3 | |
| 15 | FS106201L | Screw | 4 | |
| 16 | WL106001L | Washer spring | 4 | |
| 17 | SH108251L | Screw | 3 | |
| 18 | WL108001L | Washer spring | 3 | |
| 19 | ETC4153 | Idler arm and pulley assy | 1 | |
| 20 | SH108401L | Screw | 1 | |
| 21 | WL108001L | Washer spring | 1 | |
| 22 | CR120195L | Circlip | 2 | |
| 23 | ERC5146 | Belt | 1 | |
| 23 | ETC4272 | Belt-AIR CON | 1 | |
| | AEU4119 | Washer special-banjo | 2 | |

Note(1) ADWEST pump no longer available use ETC9077

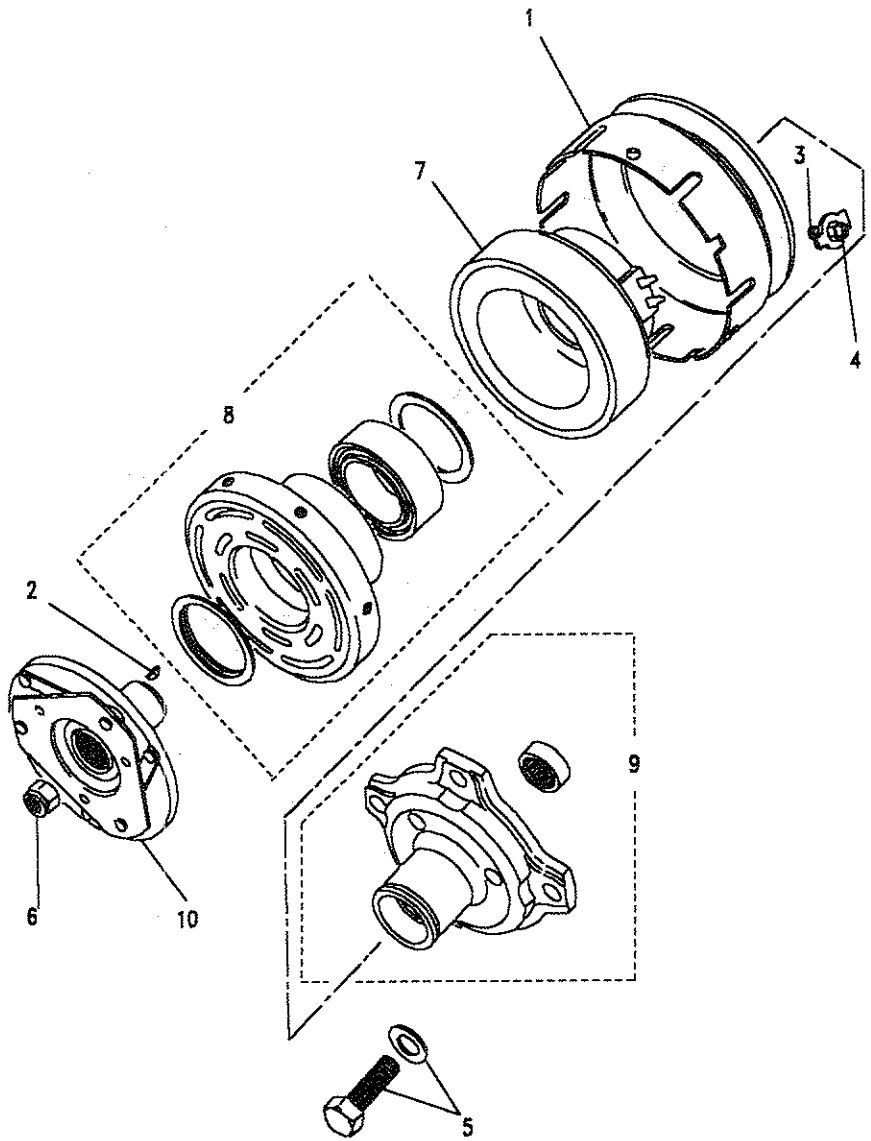



**Model** DEFENDER 90
**Page** ADBANC2A

## ENGINE - POWER STEERING PUMP (GEMMER) - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC9077 | Pump power steering | 1 | |
| | RTC5674 | Banjo | 1 | |
| | RTC5675 | Washer sealing | 2 | |
| 2 | ERC6974 | Bracket | 1 | |
| 3 | FS106201L | Screw | 4 | |
| 4 | SH108251L | Screw | 3 | |
| 5 | WA108051L | Washer | 2 | |
| 6 | WL106001L | Washer spring | 4 | |
| 7 | WL108001L | Washer spring | 3 | |
| 8 | ETC5783 | Pulley | 1 | |
| 9 | SH108141L | Screw | 3 | |
| 10 | WL108001L | Washer spring | 3 | |
| 11 | ETC5944 | Plate mounting | 1 | |
| 12 | ETC5815 | Belt | 1 | |
| 13 | BH108181L | Bolt | 1 | |
| 14 | SH108251L | Screw | 3 | |
| | SH108301L | Screw | 1 | |
| 15 | WL108001L | Washer spring | 5 | |
| 16 | RTC5935 | Kit seal | 1 | Note(1) |
| | STC1633 | Kit seal | 1 | Note(2) |

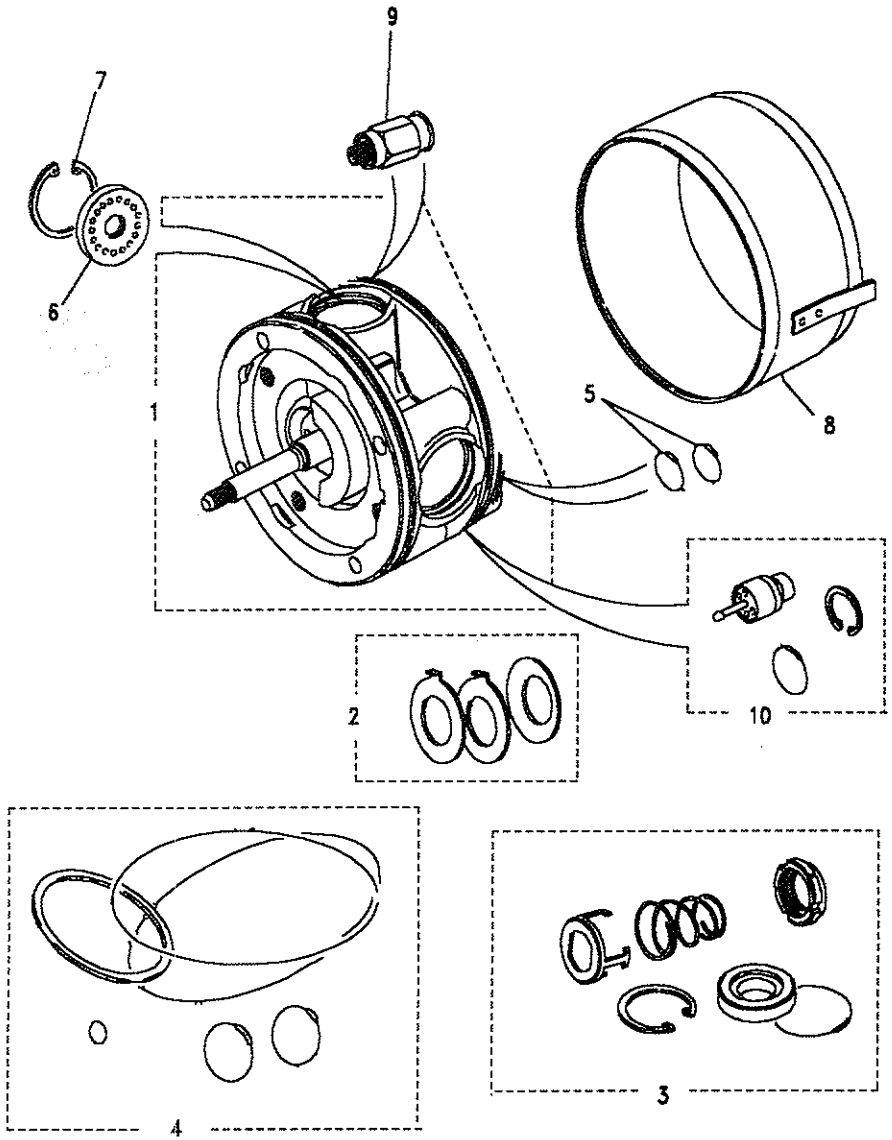
Note(1) Up to 11L22454A
Note(2) From 11L22455A




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**Page** ADBANE1A

## ENGINE - AIR CONDITIONING COMPRESSOR - 2.3 PETROL

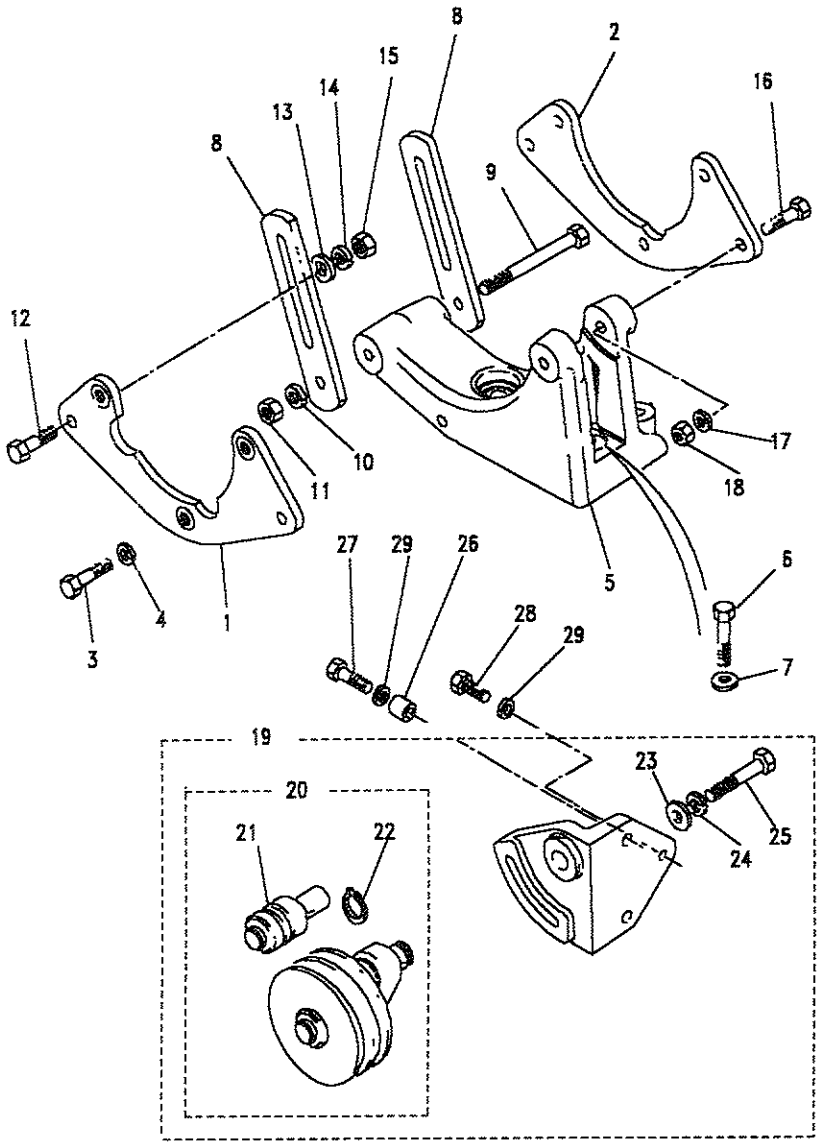
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | ERC6480 | Compressor assembly | 1 | |
| 2 | AEU1782 | Rim pulley | 1 | |
| 2 | AEU1694 | Key clutch hub | 1 | |
| 3 | AEU1780 | Screw rim mounting | 6 | |
| 4 | AEU1779 | Washer rim mounting | 6 | |
| 5 | AEU1784 | Screw/washer assy | 4 | |
| 6 | AEU1775 | Nut shaft | 1 | |
| 7 | AEU1778 | Coil/hsg assy | 1 | |
| 8 | AEU1777 | Rotor and bearing assy | 1 | |
| 9 | AEU1785 | Front head/bearing asy | 1 | |
| 10 | AEU1776 | Clutch assembly | 1 | |




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**Page** ADBANE2A

## ENGINE - AIR CONDITIONING COMPRESSOR - 2.3 PETROL - KITS

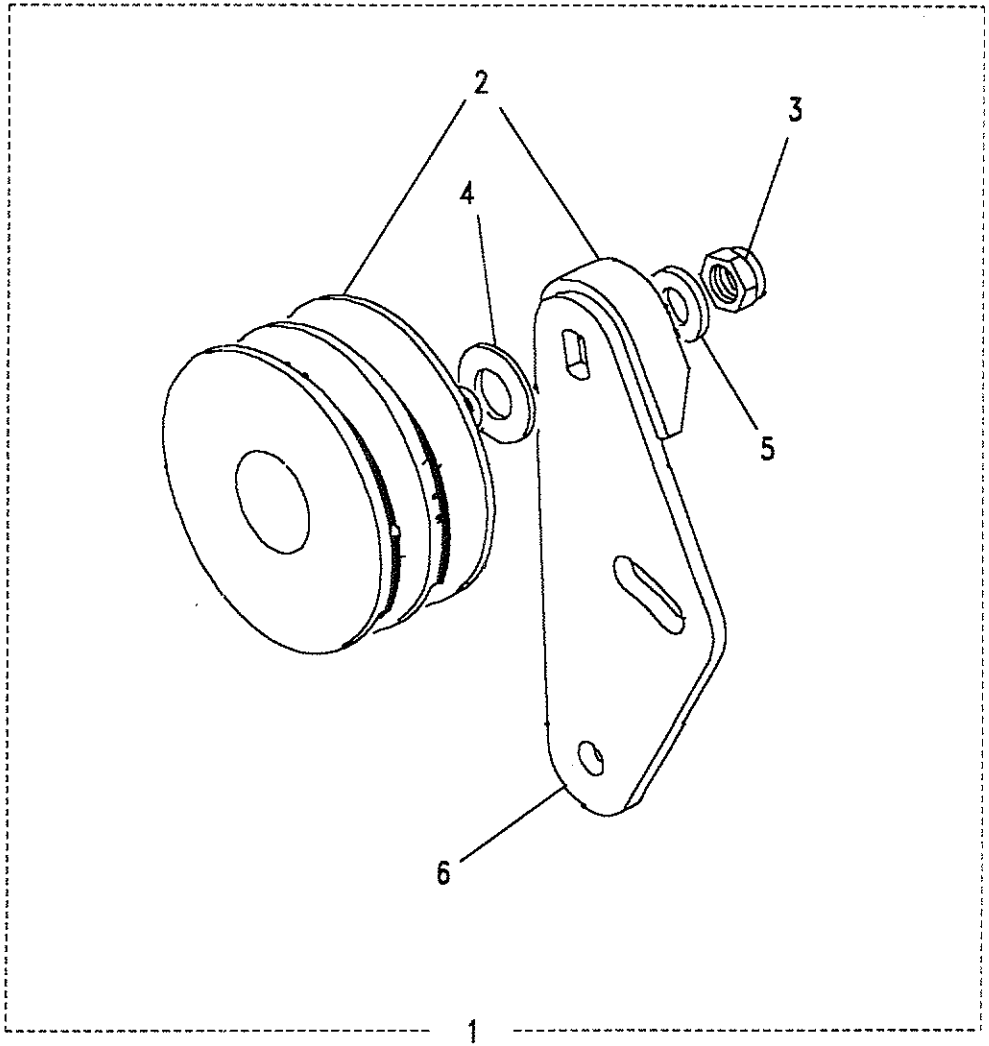
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | ERC6480 | Compressor assembly | 1 | |
| 1 | AEU1792 | Kit cylinder/shaft | 1 | |
| 2 | AEU1791 | Kit thrust washers | 1 | |
| 3 | AEU1790 | Kit shaft seal | 1 | |
| 4 | AEU1192 | Kit 'O'rings | 1 | |
| 5 | AEU1690 | 'O'rings | 2 | |
| 6 | AEU1788 | Plate valve assembly | 4 | |
| 7 | AEU1787 | Ring retaining | 4 | |
| 8 | AEU1786 | Shell assembly | 1 | |
| 9 | AEU1689 | Valve pressure release | 1 | |
| 10 | AEU1688 | Kit superheat switch | 1 | |
| | ERC6072 | Belt driving | 2 | |
| | AEU1691 | Oil 525 Visc 2pt(1136ml) | A/R | |




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**Page** ADBANE3A

**ENGINE - COMPRESSOR FIXINGS - 2.3 PETROL**

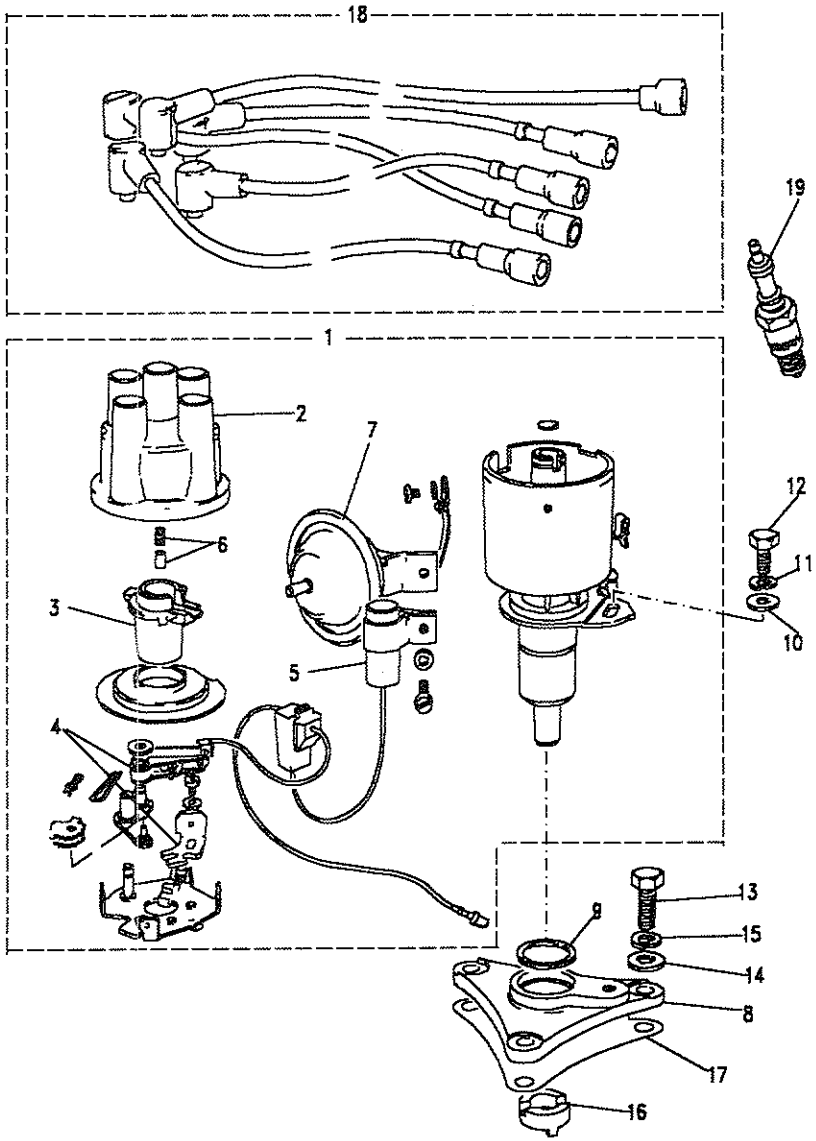
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC7082 | Plate mounting front | 1 | |
| 2 | ERC5152 | Plate mounting rear | 1 | |
| 3 | BH110201L | Bolt compressor to plate | 3 | |
| 4 | WL110001L | Washer spring | 3 | |
| 5 | ETC4882 | Bracket mounting | 1 | |
| 6 | BH110101L | Bolt bracket to cover | 4 | |
| 7 | WA110061L | Washer plain | 4 | |
| 8 | ERC5155 | Link adjusting | 2 | |
| 9 | BH108181L | Bolt link to bracket | 1 | |
| 10 | WL108001L | Washer spring | 1 | |
| 11 | NH108041L | Nut | 1 | |
| 12 | SH108251L | Screw link to plate | 2 | |
| 13 | WA108051L | Washer | 2 | |
| 14 | WL108001L | Washer spring | 2 | |
| 15 | NH108041L | Nut | 2 | |
| 16 | FB108081L | Bolt bracket to plates | 2 | |
| 17 | WL108001L | Washer spring | 2 | |
| 18 | NH108041L | Nut | 2 | |
| 19 | ERC5386 | Idler pulley assembly | 1 | |
| 20 | ERC5387 | Arm idler assembly | 1 | |
| 21 | 90613049 | Pulley | 1 | |
| 22 | CR120171L | Circlip | 1 | |
| 23 | WC108051L | Washer idler arm clamp | 1 | |
| 24 | WL108001L | Washer spring idler | 1 | |
| 25 | FB108081L | Bolt | 1 | |
| 26 | ERC6071 | Dowell | 2 | |
| 27 | FB108061 | Bolt | 2 | |
| 28 | SH108251L | Screw | 1 | |
| 29 | WL108001L | Washer spring | 3 | |




**Model** DEFENDER 90
**Page** ADBANE4A

## ENGINE - AIR CON IDLER PULLEY - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7756 | Damper pulley assembly | 1 | |
| 2 | 554971 | Pulley | 1 | |
| 3 | RTC6077 | Nut | 1 | |
| 4 | 4095 | Washer plain | 1 | |
| 5 | WB108051L | Washer plain | 1 | |
| 6 | ETC4212 | Plate mounting | 1 | |



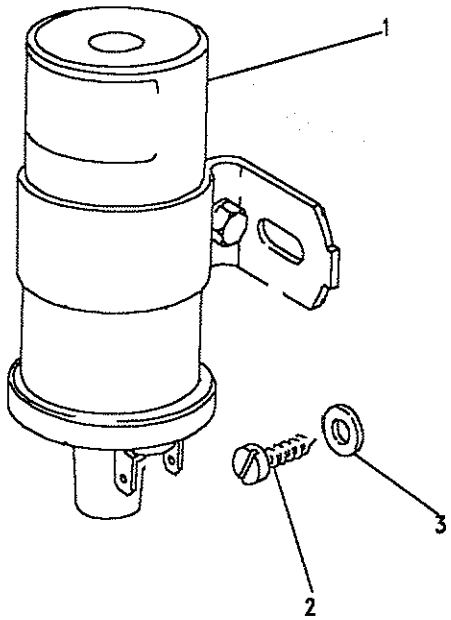

**Model** DEFENDER 90
**Page** ADBAPA1A

## ENGINE - DISTRIBUTOR - 2.3 PETROL

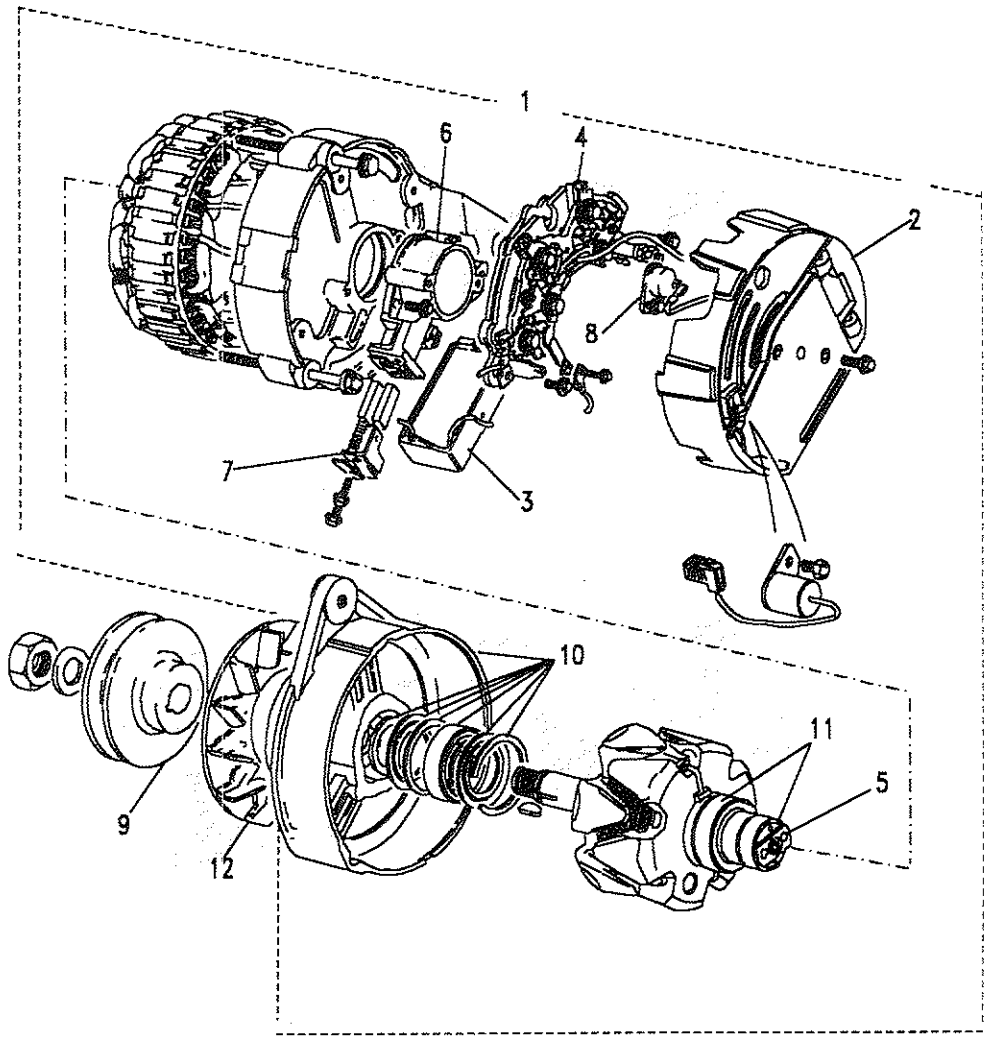
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC8520 | Distributor | 1 | |
| 2 | RTC3278 | Cap | 1 | ) |
| 3 | RTC3614 | Rotor arm | 1 | ) |
| 4 | RTC3282 | Contact set | 1 | )For Use with |
| 5 | RTC3474 | Condenser | 1 | )LUCAS |
| 6 | RTC315 | Brush set | 1 | )Distributor |
| 7 | AEU1034 | Vacuum unit | 1 | ) |
| 2 | RTC4932 | Cap | 1 | ) |
| 3 | RTC4933 | Rotor arm | 1 | )For Use with |
| 4 | RTC4934 | Contact set | 1 | )DUCELLIER |
| 5 | RTC4935 | Condenser | 1 | )Distributor |
| 7 | AEU1684 | Vacuum unit | 1 | ) |
| | RTC4936 | Plate clamping | 1 | ) |
| 8 | 549610 | Adaptor | 1 | |
| 9 | 52278 | Washer cork | 1 | |
| 10 | WB106041L | Washer | 1 | |
| 11 | WM600041L | Washer spring | | |
| 12 | 253205 | Screw | 1 | |
| 13 | SH108251L | Screw | 3 | |
| 14 | WA108051L | Washer | 3 | |
| 15 | WL108001L | Spring Washer | 3 | |
| 16 | 549611 | Drive Coupling | 1 | |
| 17 | 247212 | Joint Washer | 1 | |
| 18 | ERC3256 | Ignition Lead Set | 1 | |
| 19 | RTC3570 | Spark plug-8:1-com/ratio | 4 | |
| | RTC3571 | Spark plug-7:1-com/ratio | 4 | |

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**Page** ADBAPA2A

## ENGINE - IGNITION COIL - 2.3 PETROL




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC9858 | Kit ignition coil | 1 | |
| 2 | AB614061L | Screw drive | 2 | |
| 3 | WJ106007 | Washer plain | 2 | |

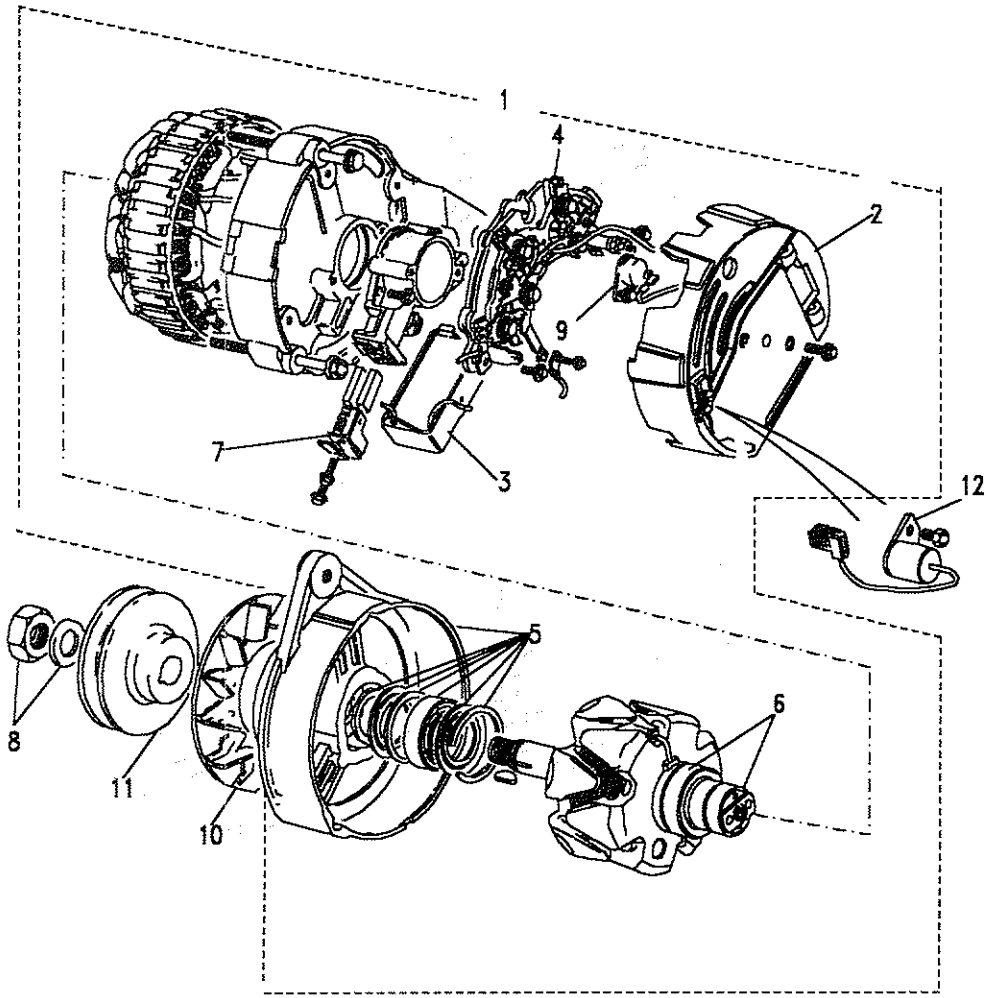



**Model** DEFENDER 90
**Page** ADBAPC1A

## ENGINE - ALTERNATOR - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5083E | Alternator-A115/45 | 1 | Note(1) |
| 2 | AEU2507 | Cover | 1 | |
| 3 | AEU3076 | Regulator | 1 | |
| 1 | RTC5088E | Altenator-A115/45 | 1 | Note(2) |
| 2 | AEU1814 | Cover | 1 | |
| 3 | AEU2464L | Regulator | 1 | |
| 4 | BAU1825 | Rectifier | 1 | |
| 5 | BAU2193 | Ring slip | 1 | |
| 6 | BAU2195 | Brush box | 1 | |
| 7 | RTC3215 | Brush set | 1 | |
| 8 | STC130 | Surge protection device | 1 | |
| 9 | 568788 | Pulley-alternator | 1 | |
| | ERC8986 | Pulley-alternator | 1 | SPLIT CHARGE |
| 10 | 18G8619L | Kit-bearing-drive end | 1 | |
| 11 | AEU1532 | Kit-bearing-slip ring end | 1 | |
| 12 | C37222L | Fan-alternator | 1 | |
| | AEU1706 | Kit-screw | 1 | |
| | AEU1710 | Kit-sundry parts | 1 | |
| | AEU1942 | Kit-spacer | 1 | |

Note(1) LUCAS number LRA356 - use if machine sensed
Note(2) LUCAS number 24079B90 - use if battery sensed

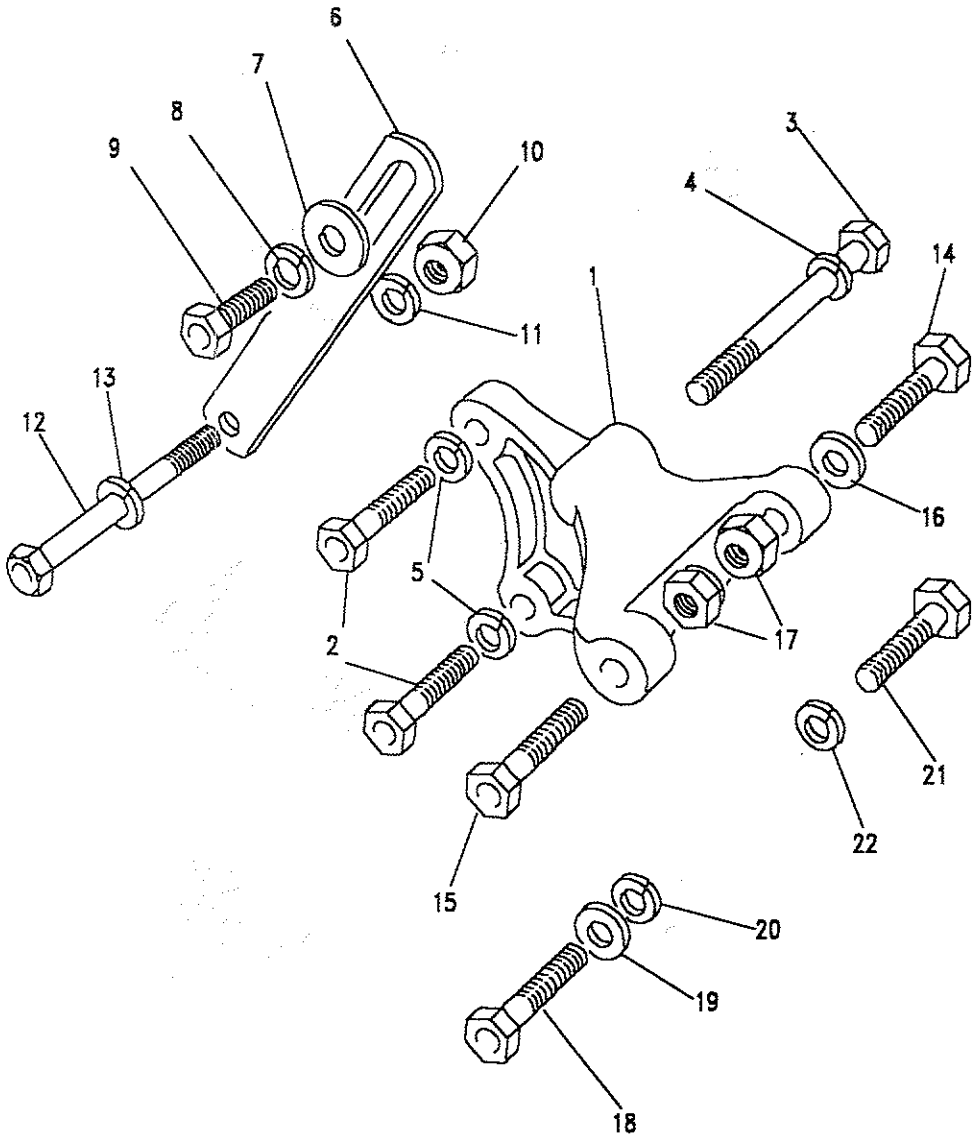



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**Page** ADBAPC2A

## ENGINE - ALTERNATOR - AIR CON - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5218E | Alternator-A115/65 | 1 | Note(1) |
| 2 | AEU1725 | Cover | 1 | |
| 3 | AEU3076 | Regulator | 1 | |
| 4 | AEU1527 | Rectifier | 1 | |
| 7 | RTC3292 | Brush set | 1 | |
| 9 | STC130 | Surge protection device | 1 | |
| 5 | AEU1726 | Kit bearing-drive end | 1 | |
| 6 | AEU1532 | Kit bearing-slip ring end | 1 | |
| 8 | AEU1710 | Kit-sundry parts | 1 | |
| | ERC8987 | Nut-special | 1 | |
| 10 | DU4928L | Fan | 1 | |
| 11 | ERC8986 | Pulley | 1 | |
| 12 | AEU1616 | Suppression capacitor | 1 | |
| | AEU1706 | Kit-screw | 1 | |
| | AEU1708 | Kit-spacer | 1 | |
| | AEU1709 | Kit-terminal | 1 | |

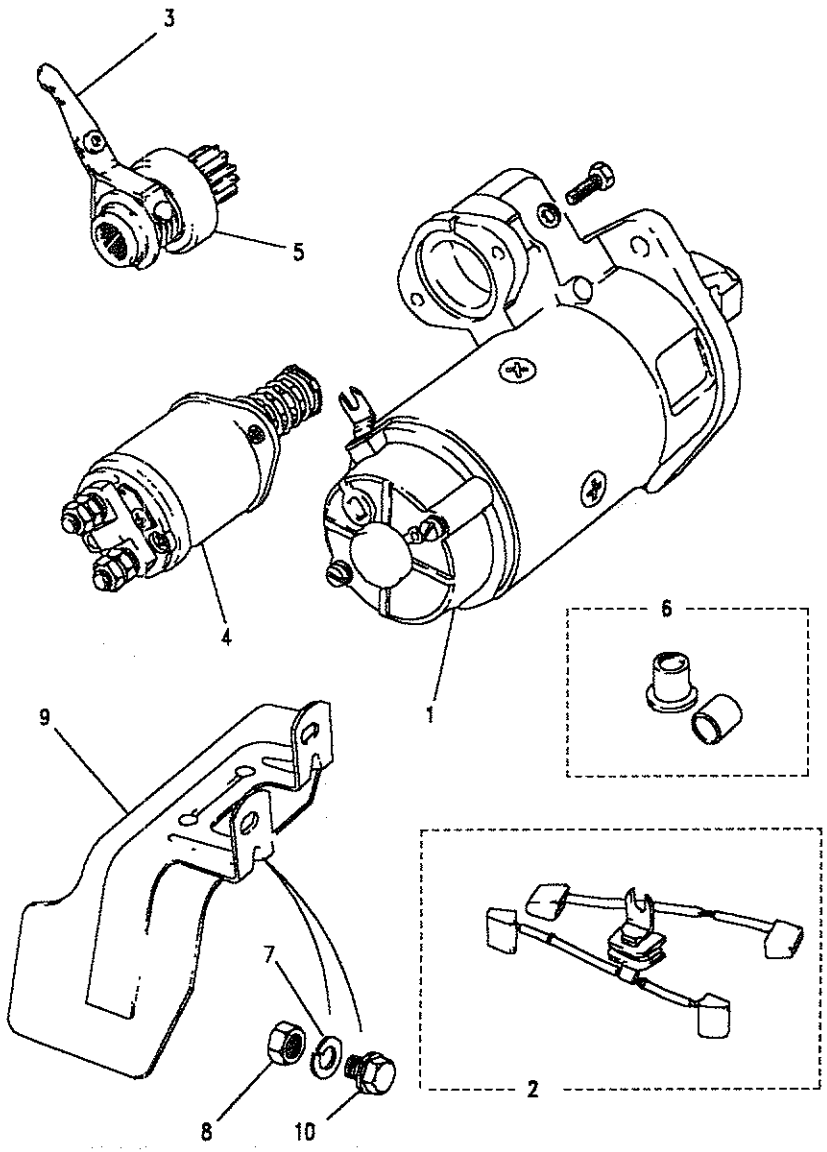
Note(1) LUCAS number LRA406




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**ENGINE - ALTERNATOR FIXINGS - 2.3 PETROL**

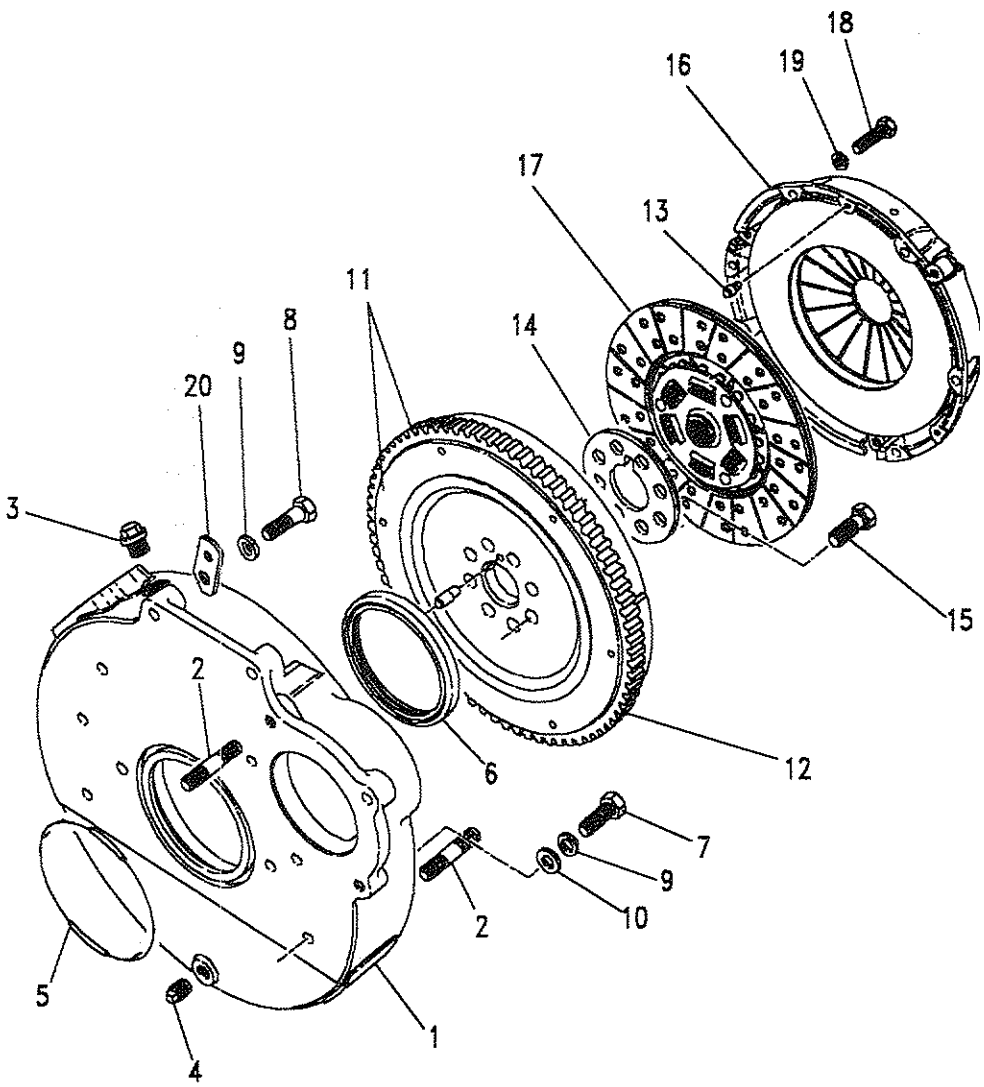
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4357 | Bracket | 1 | ) |
| 2 | SH108301L | Screw | 2 | ) |
| 3 | BH605261L | Bolt | 1 | ) |
| 4 | WM600051L | Washer spring | 1 | )NON AIR CON |
| 3 | BH108161L | Bolt | 1 | ) |
| 4 | WL108001L | Washer spring | 1 | ) |
| 5 | WL108001L | Washer spring | 2 | ) |
| 6 | ERC5139 | Link adusting | 1 | ) |
| | ERC6683 | Link adjusting | 1 | AIR CON |
| | ERC6683 | Link adjusting | 1 | SPLIT CHARGE |
| 7 | 2266L | Washer-Link to Alternator | 1 | |
| 8 | WL108001L | Washer spring | 1 | |
| 9 | SH108251L | Screw | 1 | |
| 10 | NH605041L | Nut | 1 | )AIR CON |
| 11 | WM600051L | Washer spring | 1 | ) |
| 12 | BH108201L | Bolt | 1 | )NON AIR CON |
| 13 | WL108001L | Washer spring | 1 | ) |
| 14 | FB108081L | Bolt | 1 | ) |
| 15 | BH108091L | Bolt | 1 | )NON P.A.S. |
| 16 | WC108051L | Washer | 1 | ) |
| 17 | NY108041L | Nut | 2 | ) |
| 18 | FS108351L | Screw | 1 | ) |
| 19 | WC108051L | Washer | 1 | )P.A.S. ONLY |
| 20 | WL108001L | Washer spring | 1 | ) |
| 21 | SH108401L | Screw | 1 | ) |
| 22 | WL108001L | Washer spring | 1 | ) |




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**Page** ADBAPE1A

## ENGINE - STARTER MOTOR - 2.3 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC6613N | Starter motor-26800 | 1 | M78R Type |
| | PRC6613E | Starter motor-EXCHANGE | 1 | |
| 2 | RTC5967 | Brush set-2M100 | 1 | |
| 3 | 520455 | Pivot pin-2M100 | 1 | |
| 4 | STC1519 | Solenoid-2M100 | 1 | |
| 5 | AEU2502 | Drive assembly-2M100 | 1 | |
| 2 | RTC5048 | Brush set-M78R | 1 | |
| 4 | RTC5049 | Solenoid-M78R | 1 | |
| 6 | 608352 | Kit-bush-2M100 | 1 | |
| | RTC5563 | Kit-bush-M78R | 1 | |
| 7 | WL110001L | Washer spring | 2 | |
| 8 | NH110041L | Nut | 2 | |
| 9 | ETC4133 | Heatshield assembly | 1 | |
| 10 | ERC8722 | Bolt-heatshield | 2 | |
| | 608395 | Kit-retention | 1 | |
| | 90608178 | Kit-sundry parts-2M100 | 1 | |
| | RTC5577 | Kit-sundry parts-M78R | 1 | |




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**ENGINE - FLYWHEEL AND CLUTCH - 2.3 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6394 | Flywheel housing assembly | 1 | |
| 2 | TE110061L | Stud-bell housing | 13 | |
| 3 | ERC7295 | Plug | 1 | |
| | NH110041L | Nut | 11 | |
| 4 | 3290 | Plug drain | 1 | |
| 5 | ERC6432 | O ring | 1 | |
| 6 | ERR1535 | Seal oil | 1 | |
| 7 | SH110301L | Bolt | 6 | |
| 8 | BX110071L | Bolt | 2 | |
| 9 | WL110001L | Washer spring | 2 | |
| 10 | WA110061L | Washer plain | 6 | |
| 11 | ERC6408 | Flywheel and starter ring | 1 | |
| 12 | ERC5293 | Ring starter | 1 | |
| 13 | 502116 | Dowel-clutch | 3 | |
| 14 | ERC4658 | Plate reinforcing | 1 | Note(1) |
| 15 | ERC6551 | Bolt | 8 | Note(1) |
| | ERR4574 | Bolt | 8 | |
| 16 | 576557 | Clutch cover | 1 | |
| 17 | FRC2671 | Clutch plate | 1 | |
| | FTC159 | Clutch plate | 1 | ASBESTOS FREE |
| | STC8359 | Kit clutch | 1 | |
| | FTC159 | Plate | 1 | |
| | 576557 | Cover | 1 | |
| | FRC9568 | Bearing | 1 | |
| 18 | SX108201L | Bolt set | 6 | |
| 19 | WL108001L | Washer spring | 6 | |
| 20 | ERC9404 | Bracket | 2 | |

Note(1) Only fitted up to Dec 93. The reinforcing plate was found to serve no useful purpose. If replacing use shorter screws ERR4574

## MASTER INDEX

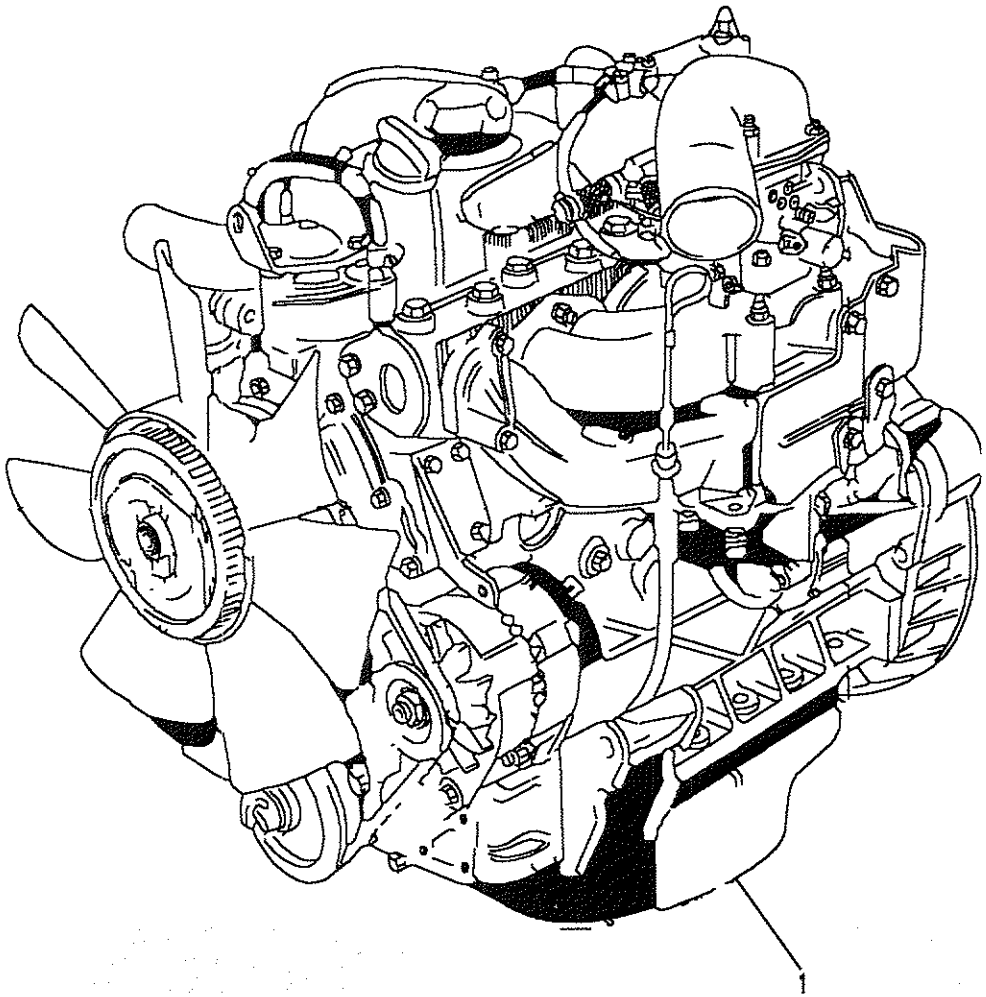

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GROUP B

ENGINE


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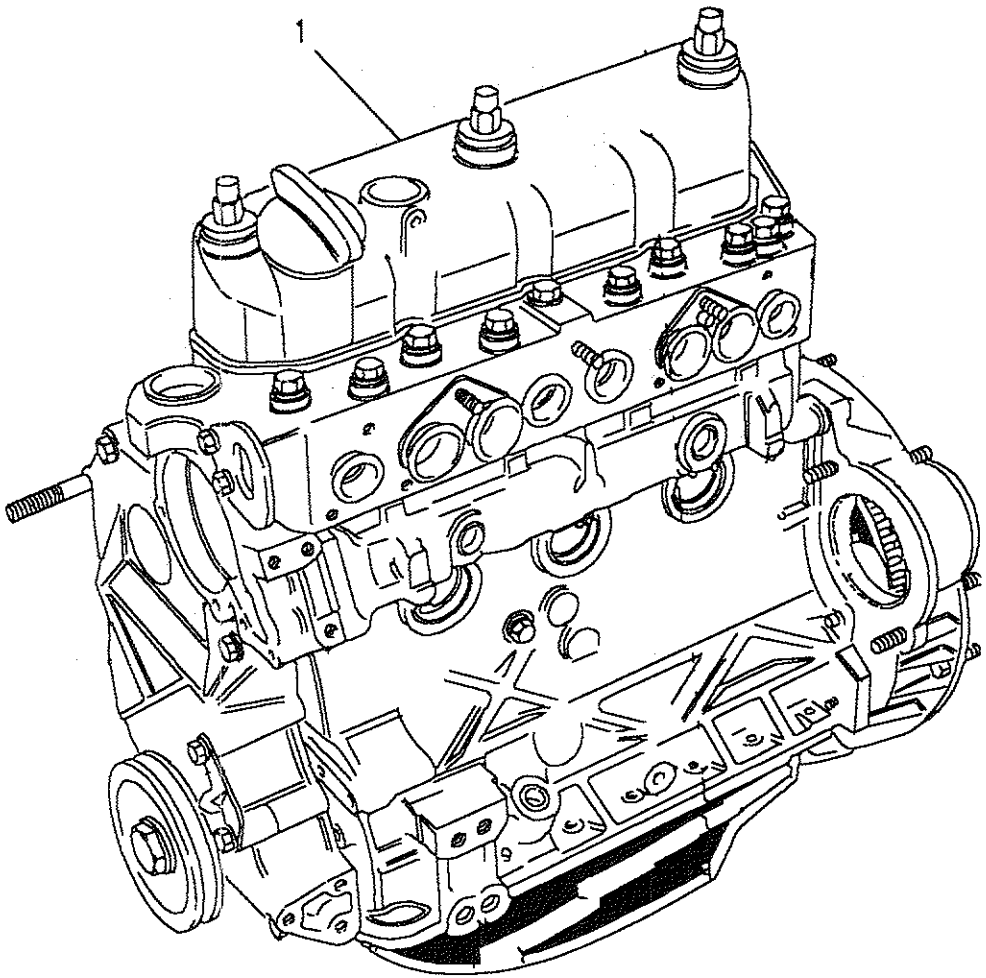
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**ENGINE - ENGINE COMPLETE - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5900N | Engine complete assembly | 1 | 17H00001C |

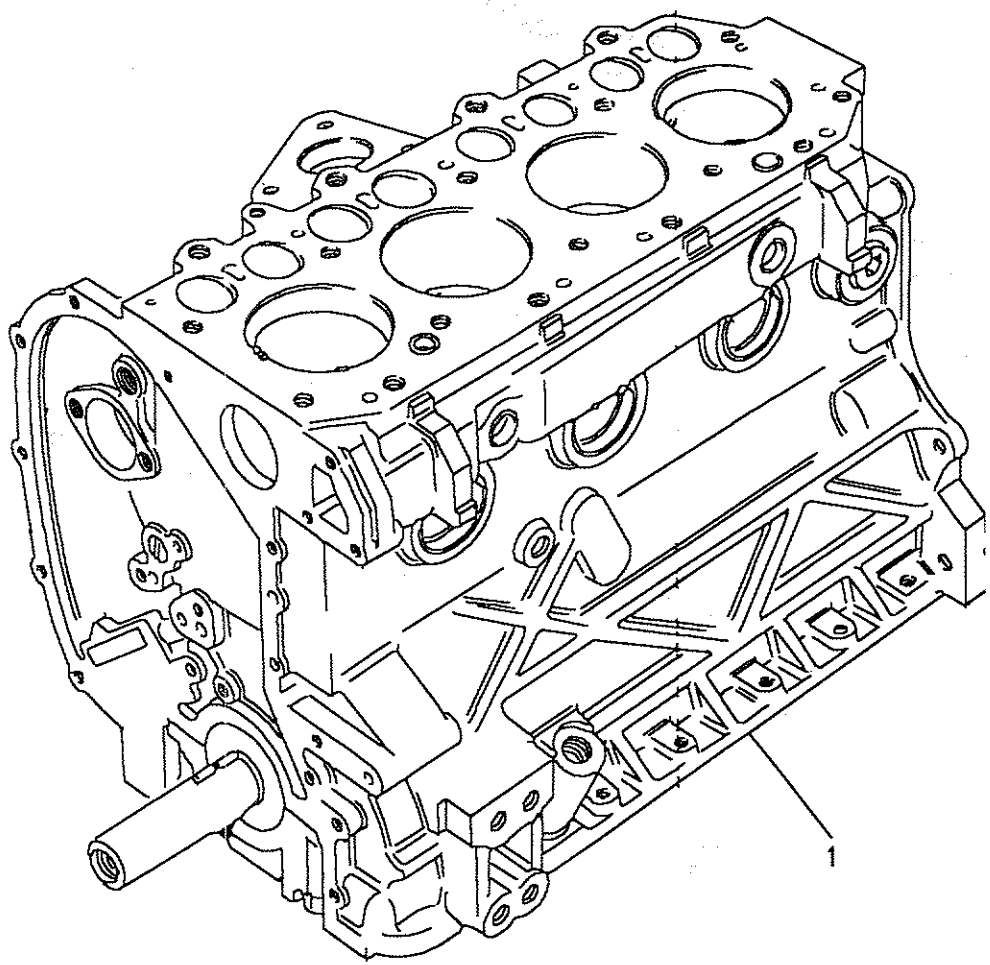



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## ENGINE - ENGINE STRIPPED - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4595R | Engine stripped assy | 1 | Note(1) |
| | RTC6800N | Engine stripped assy | 1 | |
| | RTC6800R | Engine stripped-recon | 1 | Note(2) |

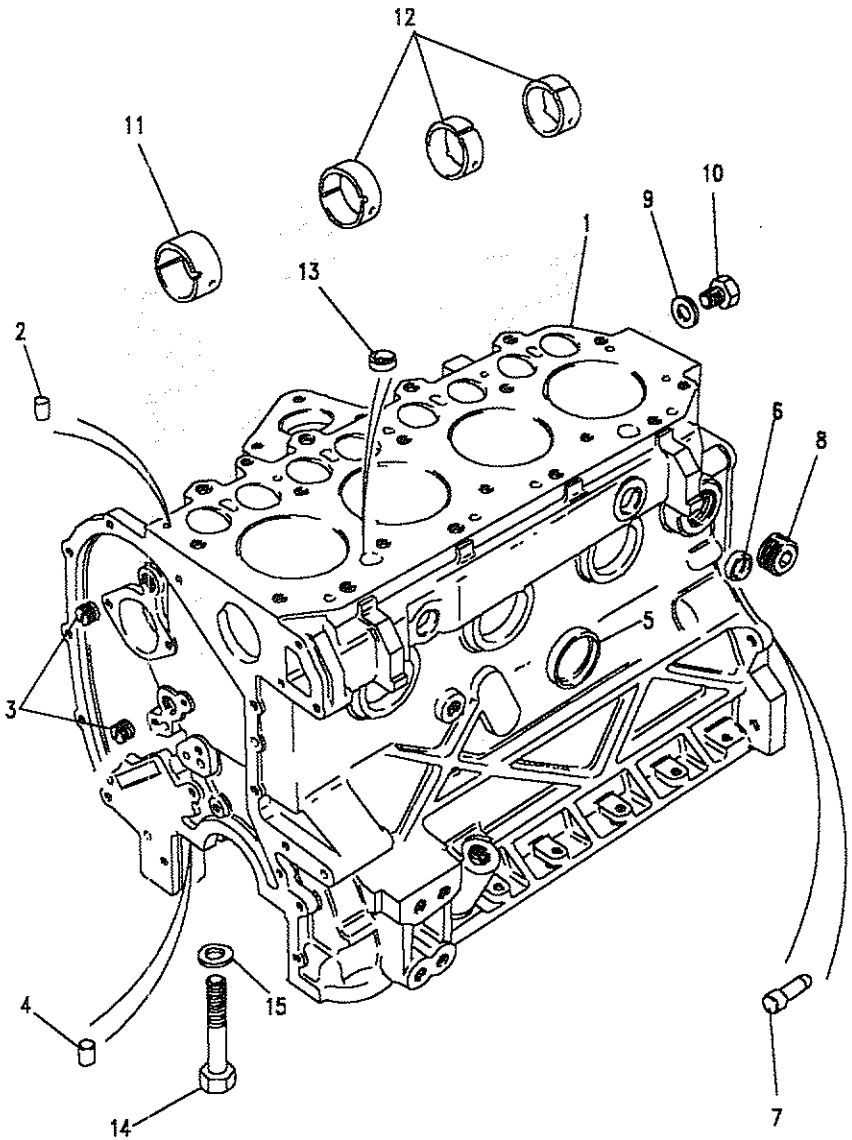
Note(1) Reconditioned engine only available up to eng-17H25700C
Note(2) Reconditioned engine only available from eng-17H25701C




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**ENGINE - ENGINE SHORT - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6793 | Engine short assembly | 1 | |

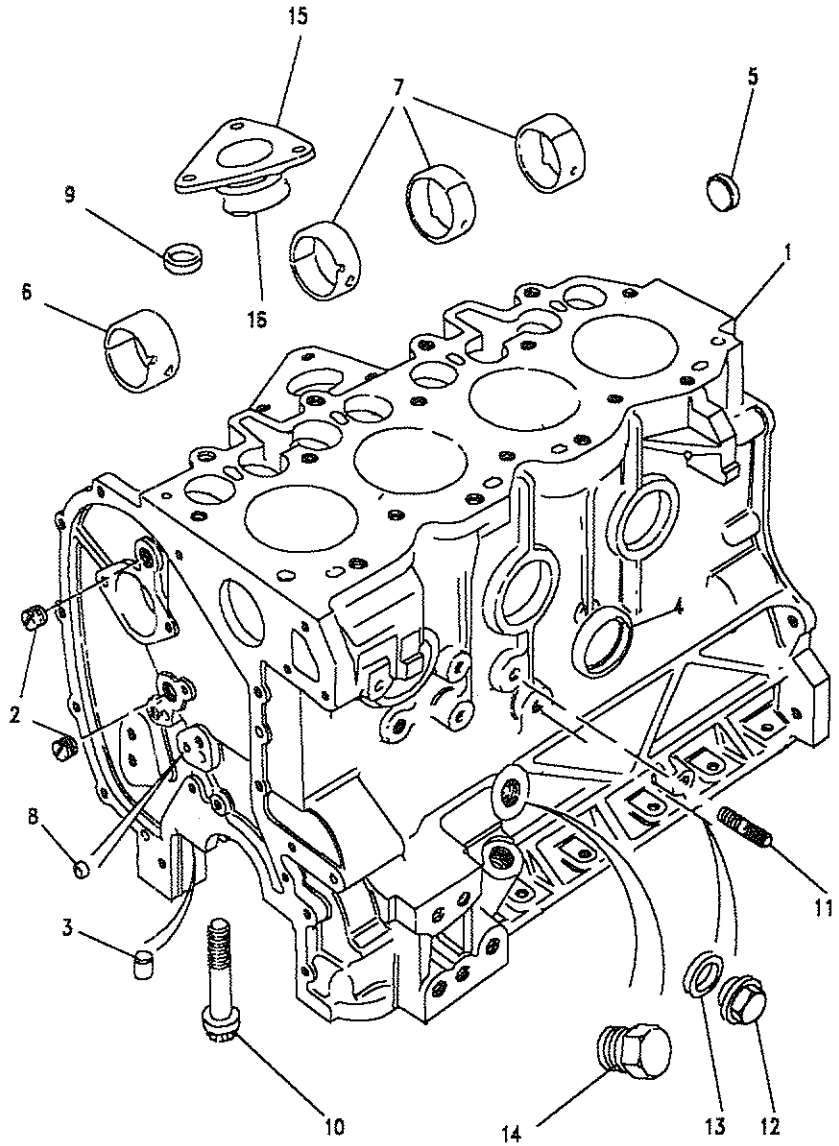



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## ENGINE - CYLINDER BLOCK - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC3985 | Cylinder block assembly | 1 | Note(1) |
| 2 | 247965 | Plug-tappet hole feed | 1 | |
| 3 | 247127 | Plug-oil gallery | 2 | |
| 4 | 501593 | Dowel-bearing cap | 10 | |
| 5 | ERC4996 | Cup plug-side/ends | 6 | |
| 6 | 597586 | Cup plug-water rail | 3 | |
| 7 | ERC4644 | Dowel flywheel housing | 2 | |
| 8 | 527269 | Plug-immersion heater | 1 | |
| 9 | 243959 | Washer joint | 2 | |
| 10 | ETC4922 | Plug-gallery pipe | 2 | |
| 11 | 90519054 | Bearing-camshaft-front | 1 | |
| 12 | 90519055 | Bearing-camshaft-inter/R | 3 | |
| 13 | ERC4995 | Cup plug-top | 2 | |
| 14 | ETC7596 | Bolt flanged head | 10 | |
| 15 | 504006 | Washer-main bearing cap | 10 | |
| | ERR5034 | Plug-camshaft oil feed | 3 | |

Note(1) This block used up to eng17H25700C

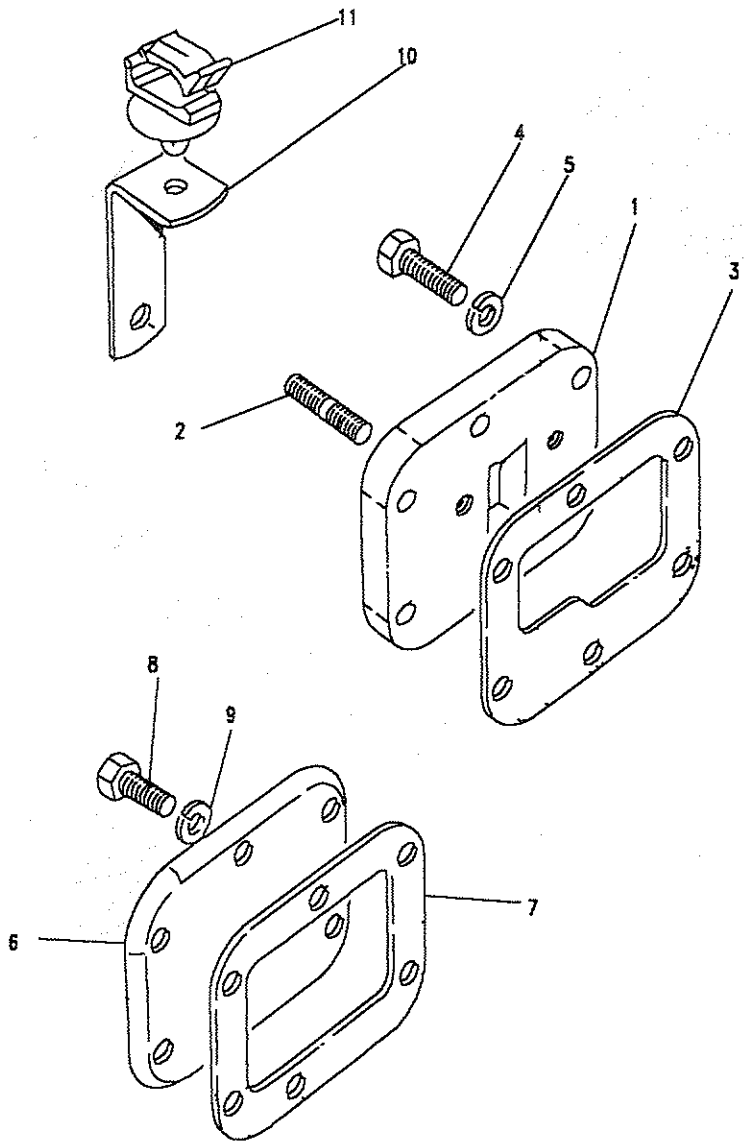



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## ENGINE - CYLINDER BLOCK - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR477 | Cylinder block assembly | 1 | Note(1) |
| 2 | 247127 | Plug-oil gallery | 2 | |
| 3 | 501593 | Dowel-bearing caps | 10 | |
| 4 | ERC4996 | Cup plug-sides/ends | 6 | |
| 5 | 597586 | Cup plug-water rail ends | 3 | |
| 6 | ETC8442 | Bearing-camshaft front | 1 | |
| 7 | 90519055 | Bearing-camshaft inter/R | 3 | |
| 8 | ETC4529 | Cup plug | 1 | |
| 9 | ERC4995 | Cup plug | 2 | |
| 10 | ETC8074 | Bolt main-bearing cap | 10 | |
| 11 | TE108031L | Stud-starter motor | 1 | |
| 12 | ETC5577 | Plug drain | 1 | |
| 13 | 213961 | Washer joint | 1 | |
| 14 | ETC8362 | Plug-turbo drain | 1 | |
| 15 | ERR586 | Adaptor-cylinder block | 1 | |
| 16 | ERR531 | O ring-adaptor | 1 | |
| | ERC9188 | Liner cylinder | 4 | |
| | ERR5034 | Plug tapered | 3 | |

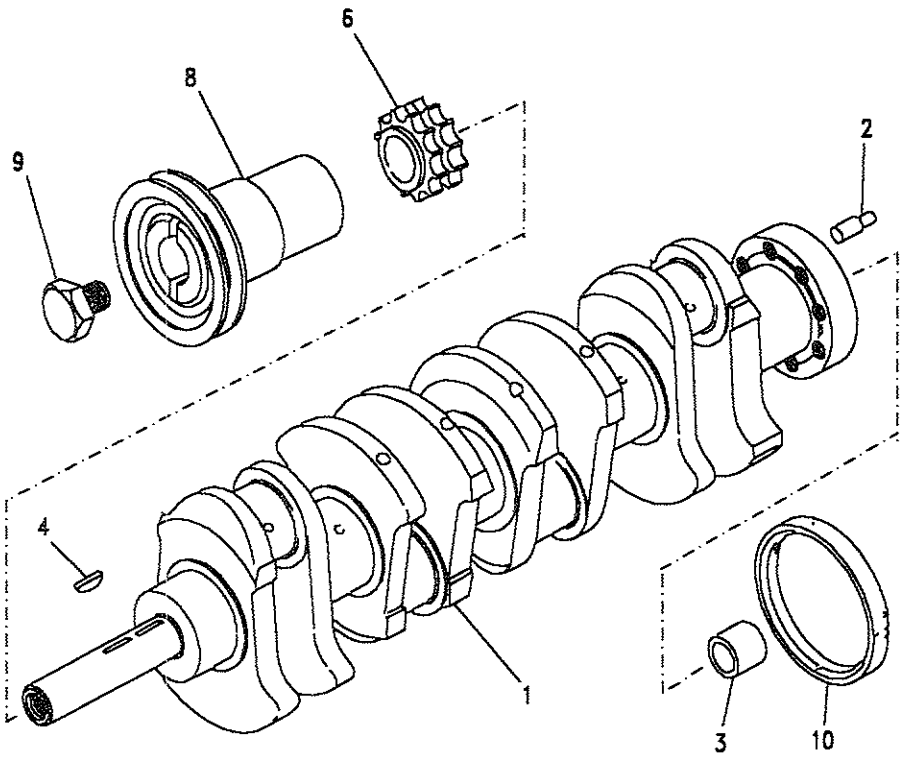
Note(1) This block used from eng17H25701C

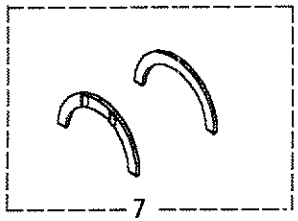


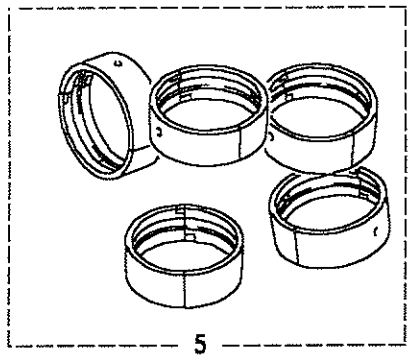

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## ENGINE - SIDE COVERS - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4799 | Plate cover | 1 | |
| 2 | TE108041L | Stud | 2 | |
| 3 | ERR1475 | Washer joint | 1 | |
| 4 | FS108201L | Screw | 6 | |
| 5 | WL108001L | Washer spring | 6 | |
| 6 | ERC2869 | Cover side front | 1 | |
| 7 | 247555 | Gasket side cover | 1 | |
| | ERR3605 | Gasket side cover | 1 | Asbestos free |
| 8 | FS108201L | Screw | 6 | |
| 9 | WL108001L | Washer spring | 6 | |
| 10 | ERC9480 | Bracket | 1 | |
| 11 | AFU1090L | Clip | 1 | |



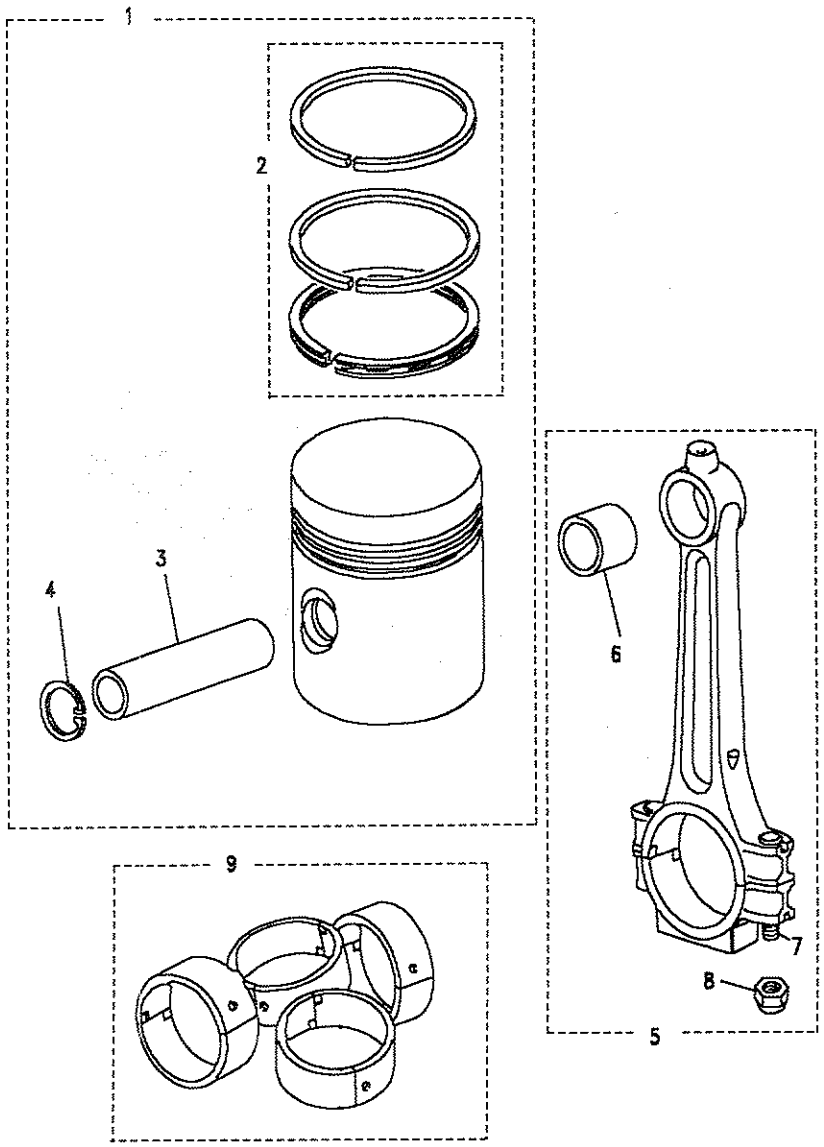




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## ENGINE - CRANKSHAFT - 2.5 PETROL

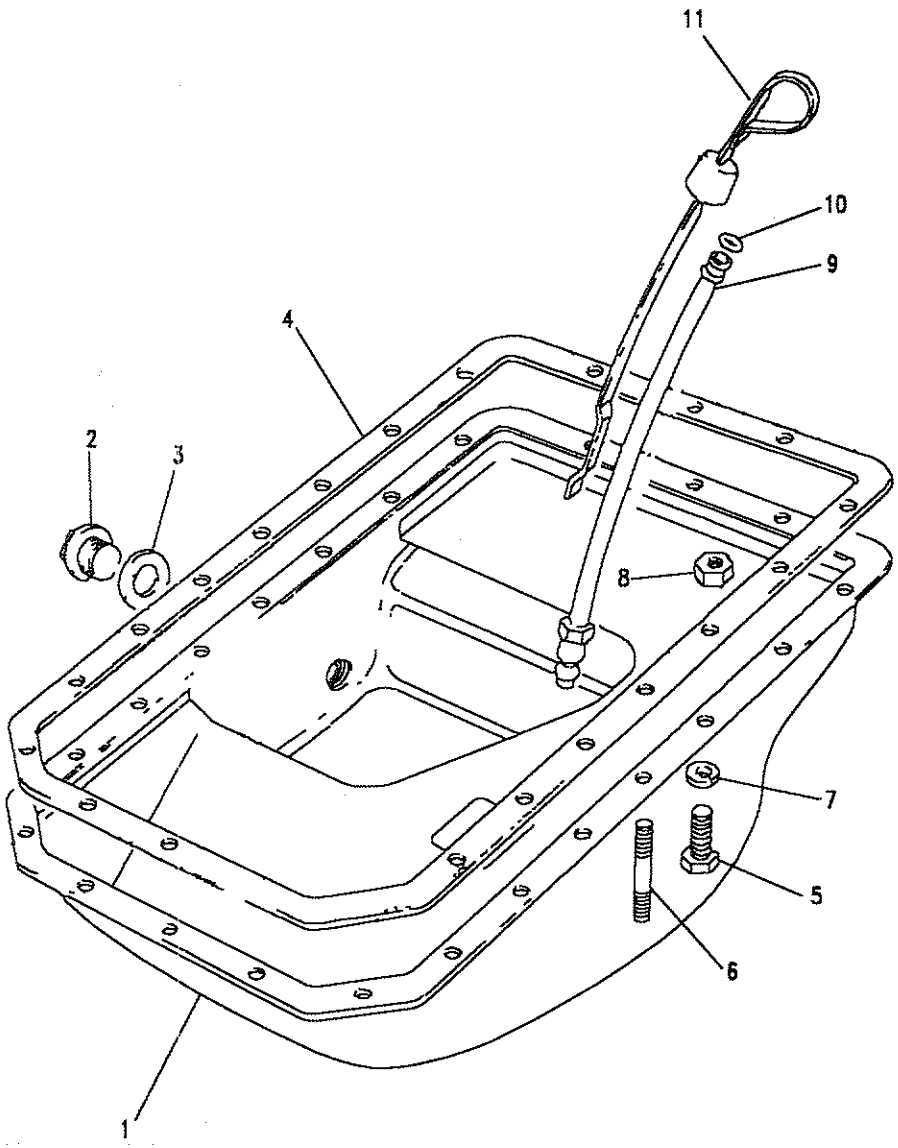
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC8829 | Crankshaft | 1 | |
| | ERR1181 | Crankshaft | 1 | FromAUG1989 |
| 2 | ERR1630 | Dowel crankshaft | 1 | |
| 3 | 8566L | Bush | 1 | |
| 4 | 235770 | Key-chainwheel | 1 | |
| 5 | RTC2992 | Bearing set main | A/R | Upto17H25700C |
| | RTC299210 | Bearing set main-010" | A/R | |
| | RTC4783 | Bearing set main | 1 | From17H25701C |
| | RTC478310 | Bearing set main-010" | 1 | |
| 6 | 568333 | Chainwheel | 1 | |
| 7 | RTC2825 | Washer thrust standard | A/R | |
| | 538131 | Washer thrust 00215" | A/R | |
| | 538132 | Washer thrust 0050" | A/R | |
| | | Washer thrust 0075" | A/R | NLA use538134 |
| | 538134 | Washer thrust 010" | A/R | |
| 8 | ERC5349 | Pulley BASIC | 1 | |
| | ERC5128 | Pulley P.A.S. | 1 | |
| | ERC5127 | Pulley AIR CON | 1 | |
| | ERC7089 | Pulley AIR CON & P.A.S. | 1 | |
| 9 | ETC7934 | Bolt-Crankshaft Pulley | 1 | |
| | ERR605 | Bolt-Crankshaft Pulley | 1 | )FromAUG1989 |
| | ERR705 | Thrust Washer-Crankshaft | 1 | ) |
| 10 | ERR1535 | Seal oil main | 1 | |




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**Page** ADBFCC1A

## ENGINE - PISTON AND RINGS - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4734S | Piston assembly | 4 | |
| | RTC473420 | Piston assembly | 4 | |
| 2 | RTC4374S | Kit piston ring std | 4 | |
| | RTC437420 | Kit piston ring o/s | 4 | |
| 3 | ETC5994 | Gudgeon pin | 4 | |
| 4 | 265175 | Circlip | 8 | |
| 5 | ERR595 | Con rod | 4 | |
| 6 | 528004 | Bush | 4 | |
| 7 | ETC7357 | Bolt | 8 | |
| 8 | ETC8191 | Nut conn rod | 8 | |
| **Con Rod Bearing: Engine Set** | | | | |
| 9 | RTC2993 | Bearing set big end | 1 | |
| | RTC299310 | Bearing set big end o/s | 1 | |

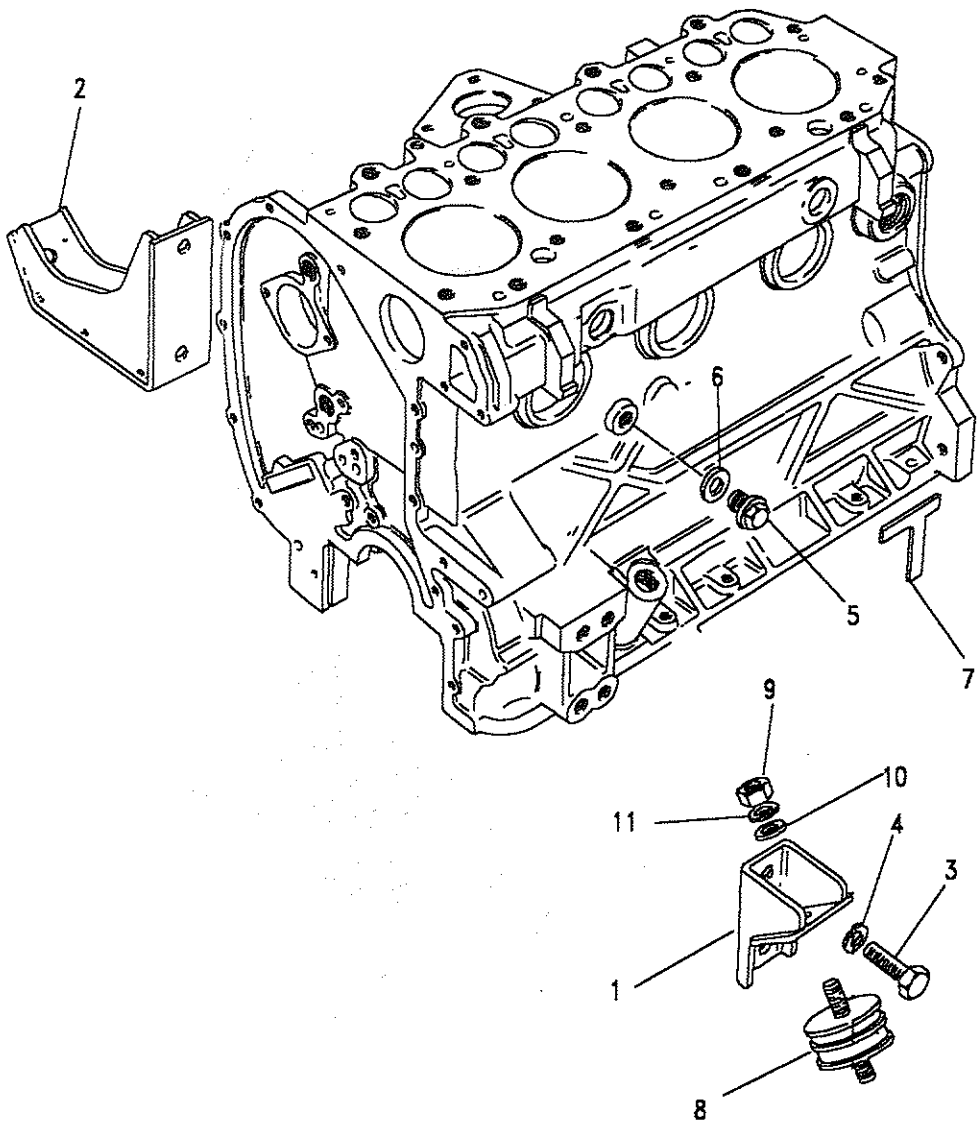



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## ENGINE - SUMP - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4841 | Sump assembly | 1 | |
| | ERR4716 | Sump | 1 | |
| 2 | 599552 | Plug drain | 1 | |
| 3 | FRC4808 | Washer joint | 1 | |
| 4 | 546841 | Washer joint | 1 | |
| 5 | SH108161L | Screw | 21 | |
| 6 | TE108031L | Stud | 1 | |
| 7 | WL108001L | Washer spring | 22 | |
| 8 | NH108041L | Nut | 1 | |
| 9 | ERC8980 | Tube-dipstick | 1 | |
| 10 | 532387 | Ring sealing | 1 | |
| 11 | ETC7867 | Dipstick | 1 | |
| | SH108251L | Screw | 21 | )Note(1) |
| | TE108041L | Stud | 1 | ) |

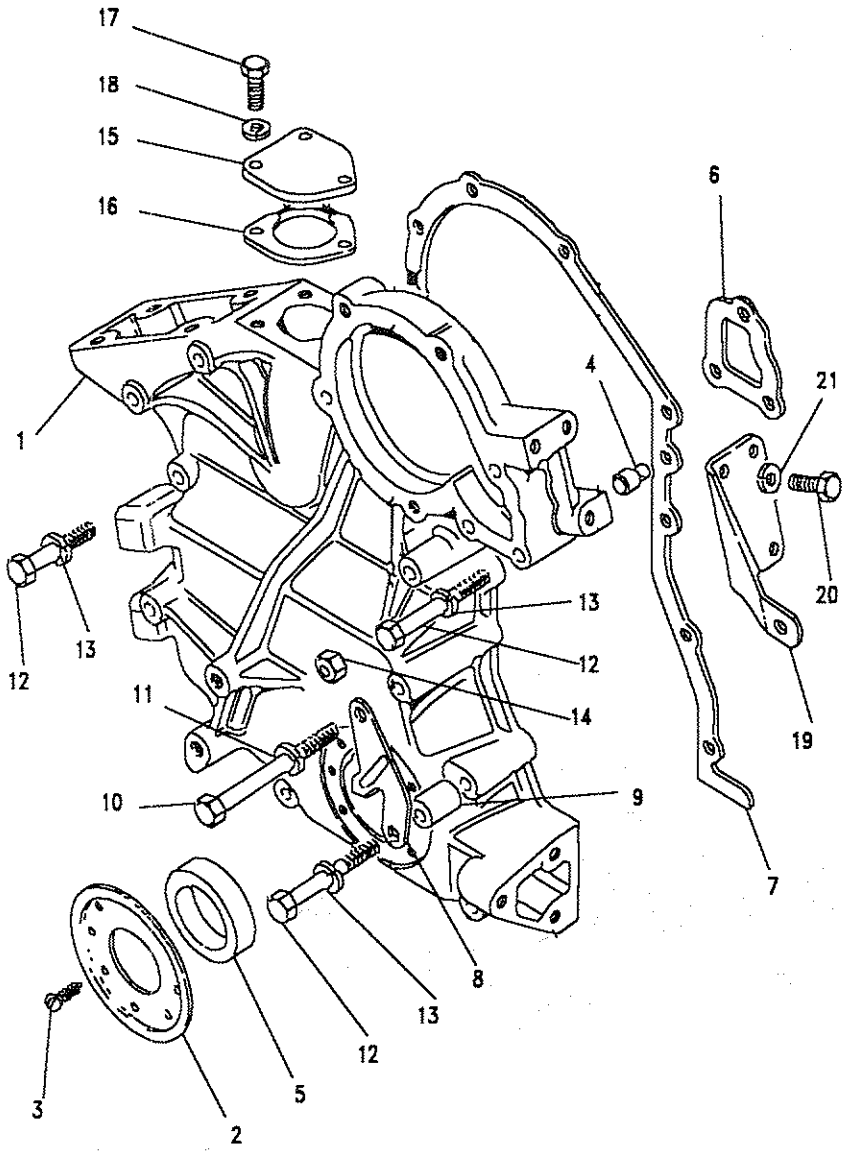
Note(1) Use with earlier sump with stiffeners around sump flange




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**ENGINE - ENGINE MOUNTINGS - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5434 | Mounting foot RH | 1 | |
| 2 | NRC9557 | Mounting foot LH | 1 | |
| 3 | SH112251L | Screw | 4 | |
| 4 | WL112001L | Washer spring | 4 | |
| 5 | ERC9410 | Plug drain | 1 | |
| 6 | AFU1882L | Washer joint plug | 1 | |
| 7 | ERC5086 | Packing strip | 2 | |
| 8 | ANR1808 | Mounting rubber | 2 | |
| 9 | NH110041L | Nut rubber to foot | 4 | |
| 10 | WC110061L | Washer rubber to foot | 2 | |
| 11 | WL110001L | Washer spring rubber | 4 | |

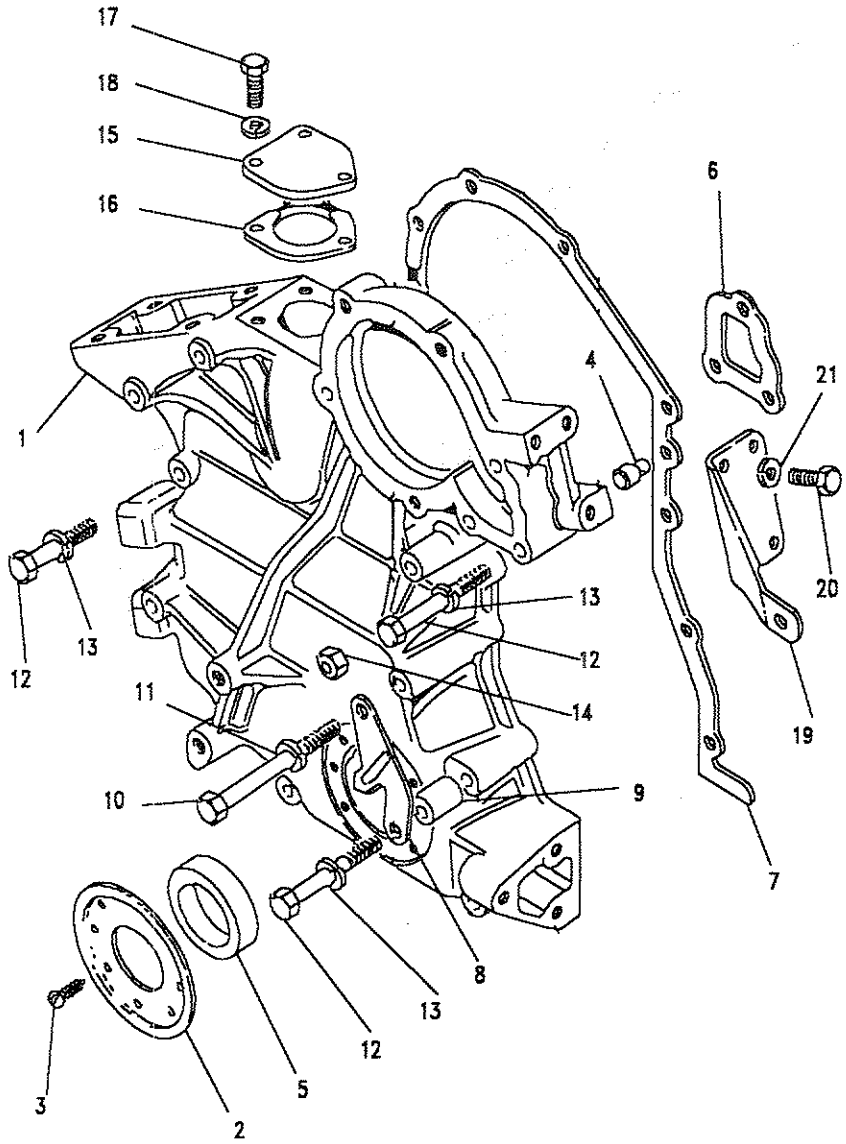



**Model** DEFENDER 90
**Page** ADBFEA1A

## ENGINE - FRONT COVER - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9519 | Cover front assy | 1 | )Note(1) |
| | ERC9528 | Cover front assy AIR CON | 1 | ) |
| | ETC6081 | Cover front assy | 1 | )Note(2) |
| | ETC7947 | Cover front assy AIR CON | 1 | ) |
| 2 | 247766 | Mud Excluder | 1 | |
| 3 | AB606061L | Screw | 8 | |
| 4 | 6395L | Dowel | 2 | |
| 5 | 90516028 | Oil Seal | 1 | Single lip |
| | ETC5187 | Oil Seal | 1 | Twin lip |
| 6 | 538038 | Gasket water pump | 1 | |
| | ERR1607 | Gasket water pump | 1 | Asbestos free |
| 7 | 538039 | Washer joint front cover | 1 | |
| 8 | ERC5361 | Pointer timing | 1 | |
| 9 | ERC6869 | Spacer | 1 | |
| 10 | ERC8964 | Bolt | 1 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | ETC4994 | Bolt | 1 | ) |
| | BH108151L | Bolt | 1 | )Non Air Con |
| | FB108101 | Bolt | 6 | ) |
| 13 | WL108001L | Washer spring | 8 | ) |
| | WA108051L | Washer | 1 | ) |
| 12 | ETC4995 | Bolt Special | 1 | ) |
| | ERC9468 | Stud Special | 1 | ) |
| | BH108131L | Bolt | 1 | ) |
| | BH108151L | Bolt | 1 | )Air Con |
| | FB108101 | Bolt | 2 | ) |
| | ERC8964 | Bolt | 2 | ) |
| | BH108201L | Bolt | 1 | ) |

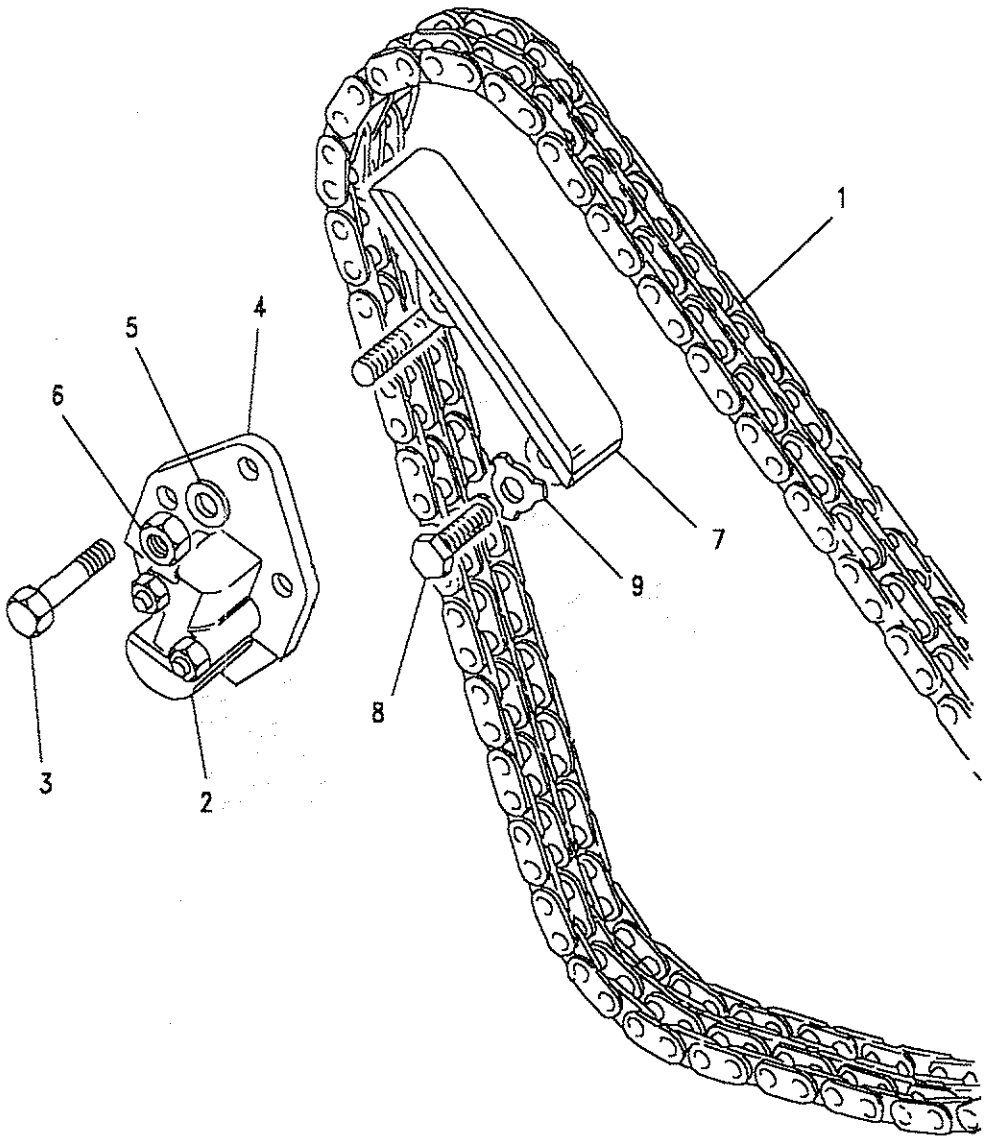
Note(1) For vehicles with SINGLE LIP oil seal
Note(2) For vehicles with TWIN LIP oil seal




**Model** DEFENDER 90
**Page** ADBFEA1A

**ENGINE - FRONT COVER - 2.5 PETROL**

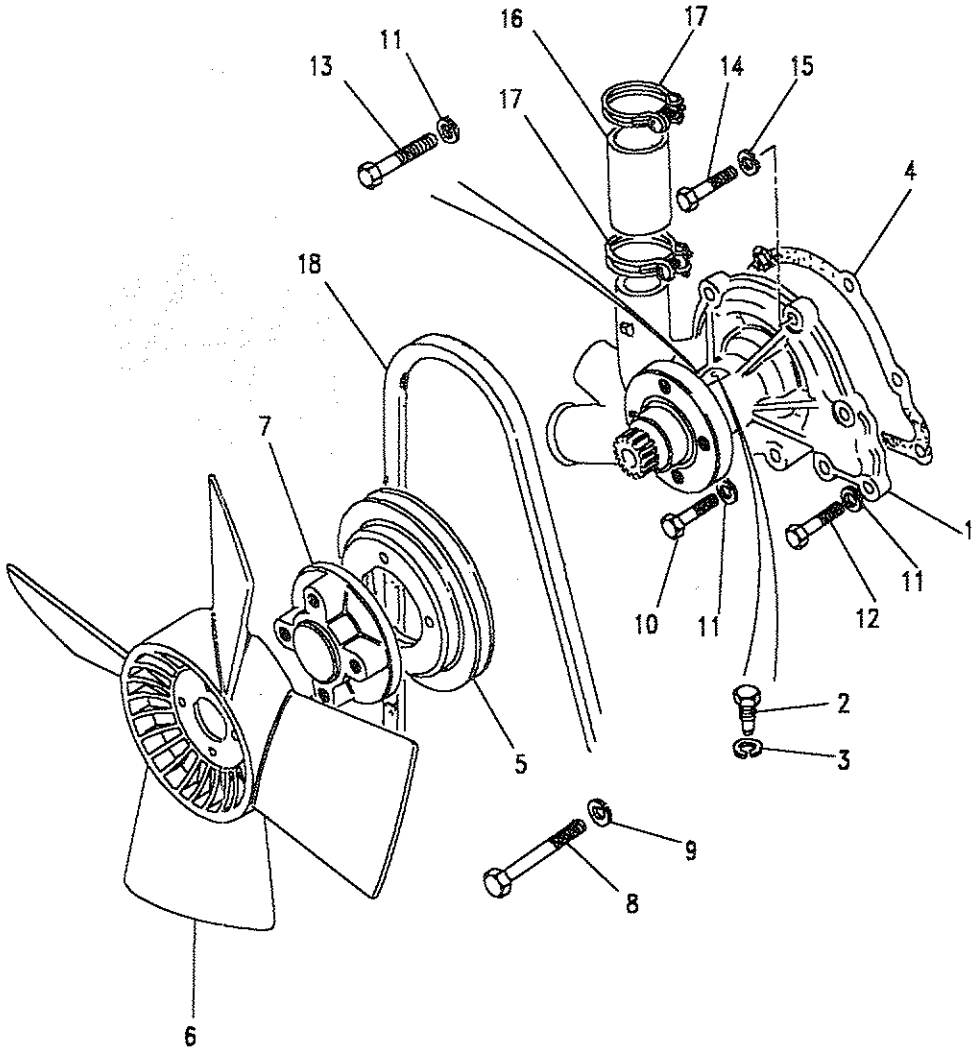
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | WL108001L | Washer spring | 9 | ) |
| 14 | NH108041L | Nut | 1 | ) |
| 15 | 574469 | Blanking plate | 1 | ) |
| 16 | 542636 | Gasket blanking plate | 1 | )Air Con |
| 17 | FS106201L | Screw | 3 | ) |
| 18 | WL106001L | Washer spring | 3 | ) |
| 19 | ERC6479 | Cowl mounting bracket | 1 | |
| 20 | FS108201L | Screw | 3 | |
| 21 | WL108001L | Washer spring | 3 | |




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**Page** ADBFEC1A

## ENGINE - TIMING CHAIN - 2.5 PETROL

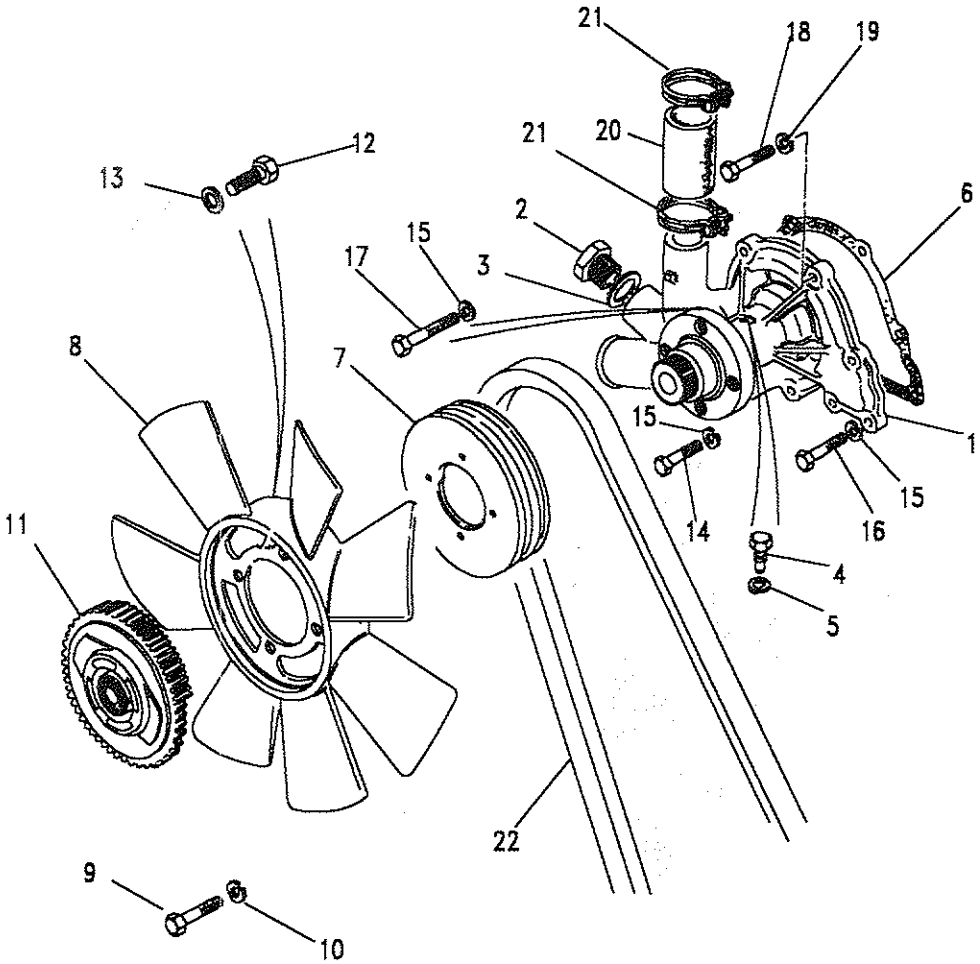
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5191 | Chain timing | 1 | |
| 2 | ETC5190 | Tensioner-timing chain | 1 | |
| 3 | FS108201L | Screw | 2 | |
| 4 | TE108051L | Stud | 1 | |
| 5 | WA108051L | Washer | 3 | |
| 6 | NH108041L | Nut | 1 | |
| 7 | 275234 | Damper vibration | 1 | |
| 8 | SH106121L | Screw | 2 | |
| 9 | 557523 | Washer lock | 2 | |




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**Page** ADBFEE1A

**ENGINE - WATER PUMP - 2.5 PETROL - BASIC**

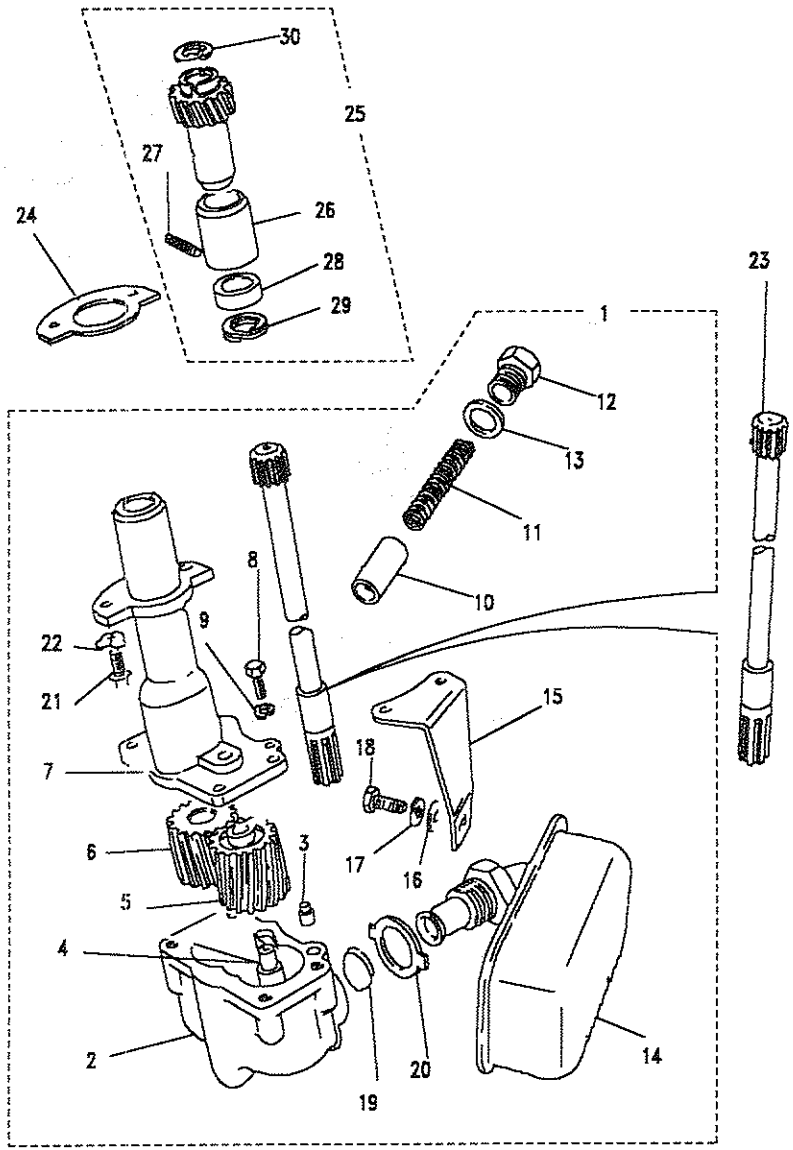
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6331 | Pump water | 1 | |
| 2 | ERC5600 | Screw special | 1 | |
| 3 | WL106001L | Washer spring | 1 | |
| 4 | ERC5655 | Gasket | 1 | |
| 5 | ERC5578 | Pulley single groove | 1 | |
| 6 | ERC5545 | Fan assembly | 1 | |
| 7 | ERC7489 | Spacer | 1 | |
| 8 | FB108111L | Bolt pulley to pump | 4 | |
| 9 | WL108001L | Washer spring | 4 | |
| 10 | BH108161L | Bolt pump to block | 2 | |
| 11 | WL108001L | Washer spring | 4 | |
| 12 | BH108171L | Bolt pump to block | 1 | |
| 13 | BH108151L | Bolt pump to block | 1 | |
| 14 | FB108061 | Bolt pump to cover | 3 | |
| 15 | WL108001L | Washer spring | 3 | |
| 16 | ERC5654 | Hose by pass to outlet | 1 | |
| 17 | CN100408L | Clip hose | 2 | |
| 18 | 563132 | Belt fan | 1 | |




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**Page** ADBFEE2A

## ENGINE - WATER PUMP - 2.5 PETROL - AIR CONDITIONING

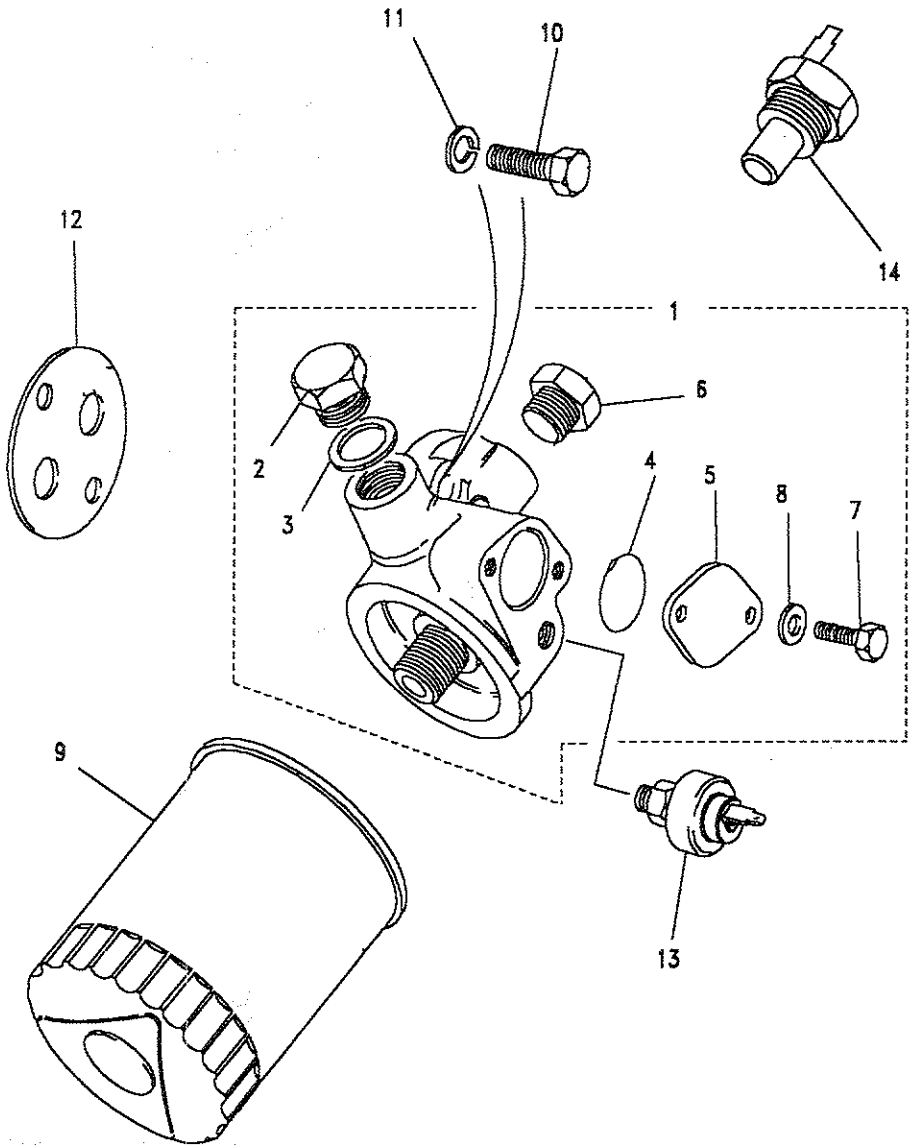
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6333 | Pump water | 1 | A133alternator |
| | RTC6332 | Pump water | 1 | A127alternator |
| 2 | ERC7312 | Plug de aerator boss | 1 | |
| 3 | 232046 | Washer joint | 1 | |
| 4 | ERC5600 | Screw special | 1 | |
| 5 | WL106001L | Washer spring | 1 | |
| 6 | ERC5655 | Gasket | 1 | |
| 7 | ERC8890 | Pulley twin groove | 1 | |
| 8 | EEE3380 | Fan assembly | 1 | |
| 9 | BH106051L | Bolt pulley to hub | 4 | |
| 10 | WL106001L | Washer spring | 4 | |
| 11 | ERC5708 | Viscous Unit | 1 | |
| 12 | ERC5709 | Bolt | 4 | |
| 13 | 4589L | Washer | 4 | |
| 14 | BH108161L | Bolt pump to block | 2 | |
| 15 | WL108001L | Washer spring | 4 | |
| 16 | BH108171L | Bolt pump to block | 1 | |
| 17 | BH108151L | Bolt pump to block | 1 | |
| 18 | BH108161L | Bolt pump to cover | 3 | |
| 19 | WL108001L | Washer spring | 3 | |
| 20 | ERC5654 | Hose by pass to outlet | 1 | |
| 21 | CN100408L | Clip hose | 2 | |
| 22 | ERC8938 | Belt alternator | 1 | |




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**Page** ADBFFA1A

**ENGINE - OIL PUMP - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1117 | Pump oil assembly | 1 | |
| 2 | | Body oil pump assembly | 1 | NLS |
| 3 | 236257 | Dowel | 2 | |
| 4 | ERR1063 | Spindle idler wheel | 1 | |
| 5 | ERR1088 | Wheel idler | 1 | |
| 6 | ERC9706 | Wheel driver | 1 | |
| 7 | | Cover oil pump | 1 | NLS |
| 8 | FS108201L | Bolt | 4 | |
| 9 | WL108001L | Washer spring | 4 | |
| 10 | ETC4880 | Plunger oil relief | 1 | |
| 11 | 564456 | Spring oil relief | 1 | |
| 12 | 564455 | Plug end oil relief | 1 | |
| 13 | 232044 | Washer joint oil relief | 1 | |
| 14 | ERC7530 | Filter | 1 | |
| 15 | ERC7940 | Bracket support | 1 | |
| 16 | WA108051L | Washer filter | 1 | |
| 17 | WL108001L | Washer spring | 1 | |
| 18 | FS108201L | Screw filter | 1 | |
| 19 | 244488 | 'O' ring | 1 | |
| 20 | 244487 | Washer lock | 1 | |
| 21 | SH108251L | Bolt | 2 | |
| 22 | 247665 | Lock washer | 2 | |
| 23 | ERR850 | Shaft | 1 | |
| 24 | ERC8408 | Gasket oil pump | 1 | |
| | ERR3606 | Gasket oil pump | 1 | Asbestos free |
| 25 | ETC6139 | Drive assembly | 1 | |
| 26 | 522745 | Bush | 1 | |
| 27 | ETC6142 | Locating screw | 1 | |
| 28 | ETC6137 | Thrust washer | 1 | |
| 29 | ETC6138 | Locking ring | 1 | |
| 30 | 247742 | Circlip | 1 | |

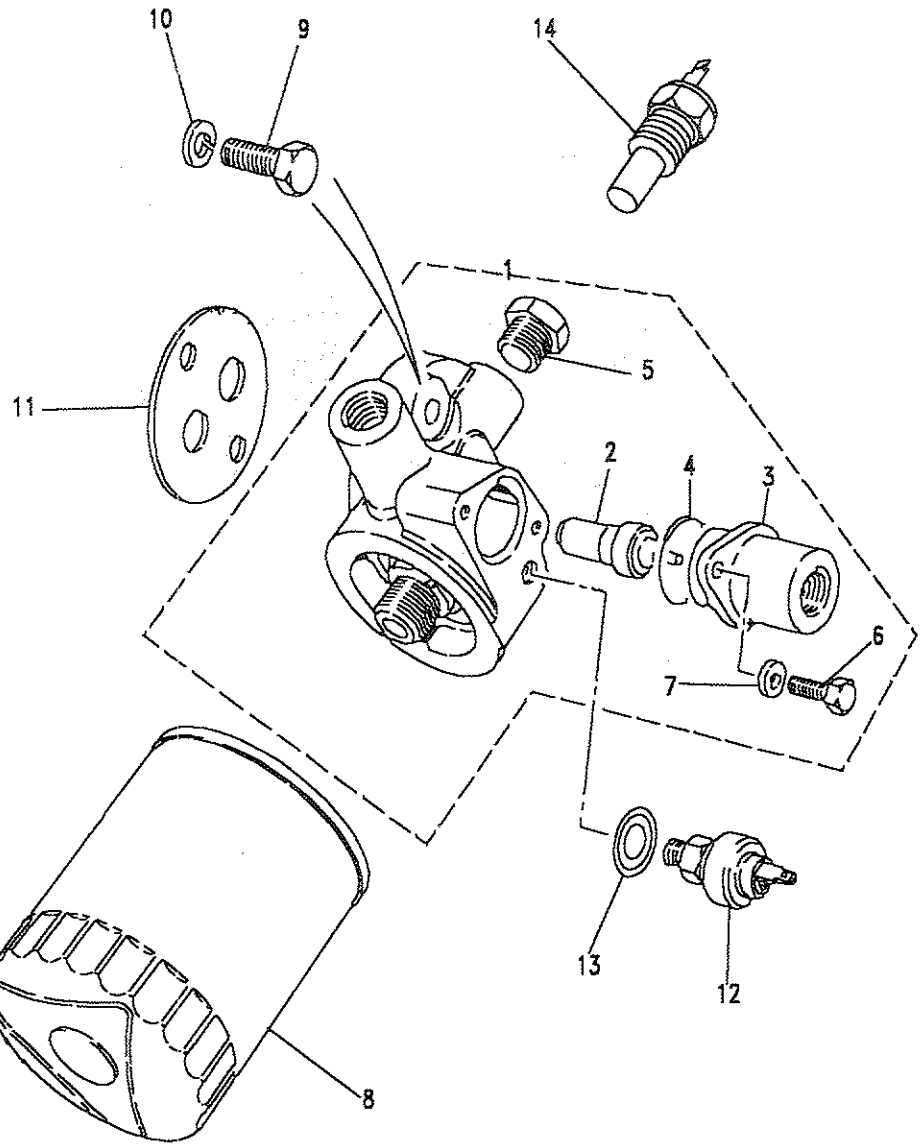



**Model** DEFENDER 90
**Page** ADBFFA2A

## ENGINE - OIL FILTER - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5347 | Adaptor assembly filter | 1 | Note(1) |
| 2 | RTC6851 | Plug | 1 | |
| 3 | 213961 | Washer | 1 | |
| 4 | ERC5913 | O ring | 1 | |
| 5 | ERC9884 | End plate | 1 | |
| 6 | ETC4021 | Plug | 1 | Note(2) |
| 7 | SH106141L | Screw | 2 | |
| 8 | WA106041L | Washer | 2 | |
| 9 | ERR3340 | Element oil filter | 1 | |
| 10 | SH110301L | Screw filter to block | 2 | |
| 11 | WL110001L | Washer filter to block | 2 | |
| 12 | ETC7582 | Gasket oil filter | 1 | |
| | ERR4934 | Gasket oil filter | 1 | Asbestos free |
| 13 | PRC6387 | Switch oil pressure | 1 | |
| 14 | PRC2505 | Transmitter oil temp | 1 | Note(2) |

Note(1) ETC5347 is interchangeable with ETC6519 (includes filter)
Note(2) Remove ETC4021 when fitting PRC2505

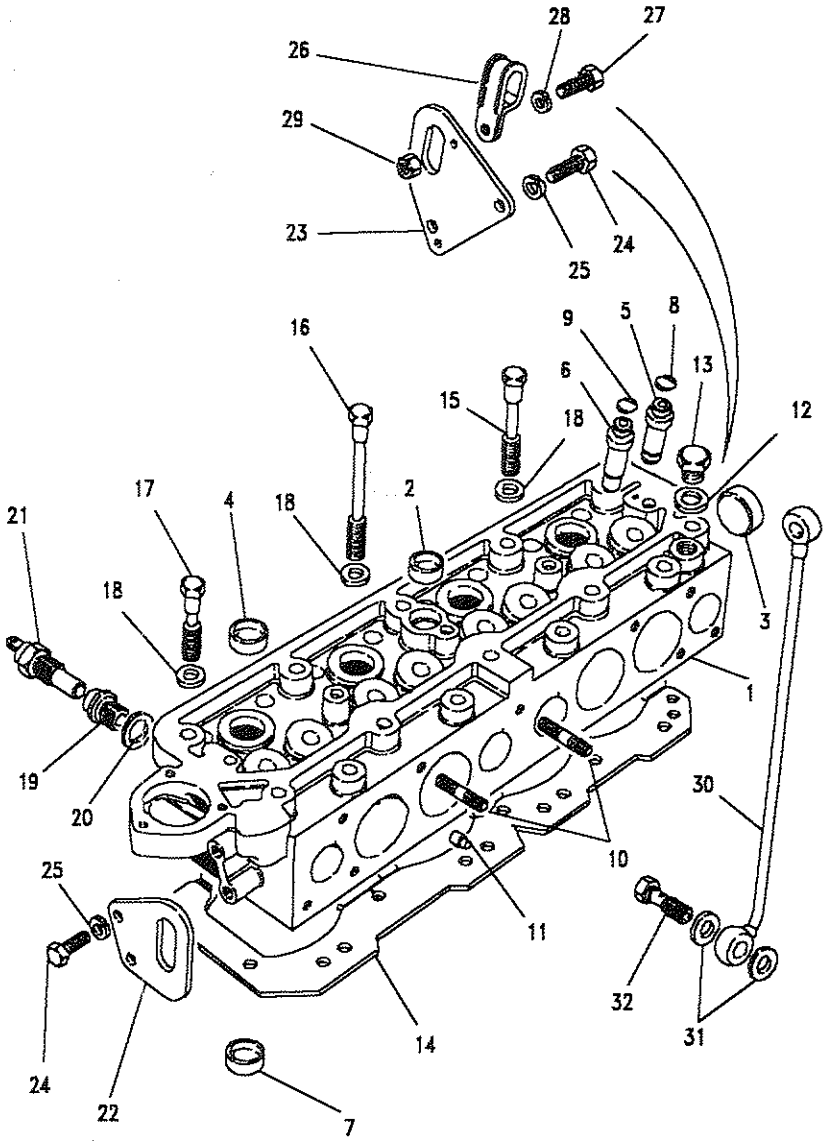



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**Page** ADBFFA3A

## ENGINE - OIL FILTER WITH OIL COOLER - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1347 | Adaptor assembly filter | 1 | |
| 2 | ERC5923 | Bulb thermostat | 1 | |
| 3 | ETC4022 | Adaptor | 1 | |
| 4 | ERC5913 | O Ring | 1 | |
| 5 | ETC4021 | Plug | 1 | Note(1) |
| 6 | SH106141L | Screw | 2 | |
| 7 | WA106041L | Washer | 2 | |
| 8 | ERR3340 | Element oil filter | 1 | |
| 9 | SH110301L | Screw filter to block | 2 | |
| 10 | WL110301L | Washer filter to block | 2 | |
| 11 | ETC7582 | Gasket oil filter | 1 | |
| | ERR4934 | Gasket oil filter | 1 | Asbestos free |
| 12 | PRC6387 | Switch oil pressure | 1 | |
| 13 | 232039 | Washer joint switch | 1 | |
| 14 | PRC2505 | Transmitter-oil temp | 1 | Note(1) |

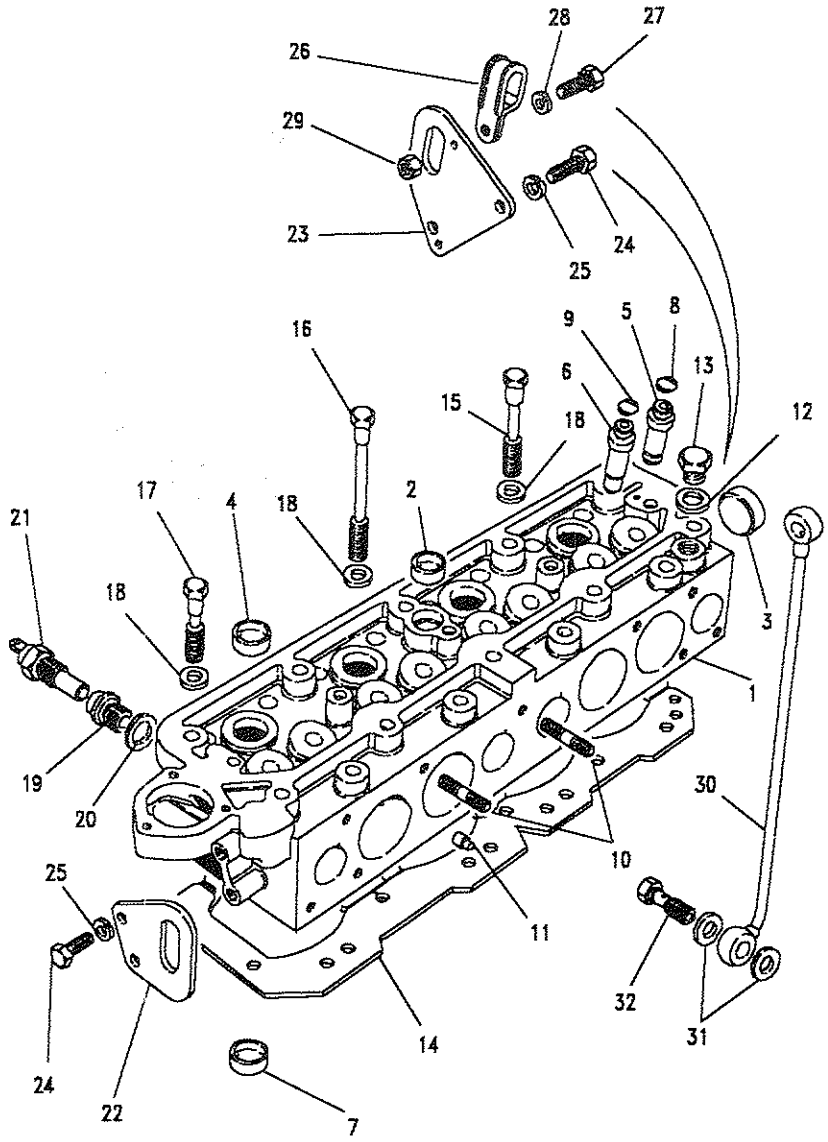
Note(1) Remove ETC4021 when fitting PRC2505




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**Page** ADBFGA1A

**ENGINE - CYLINDER HEAD - 2.5 PETROL**

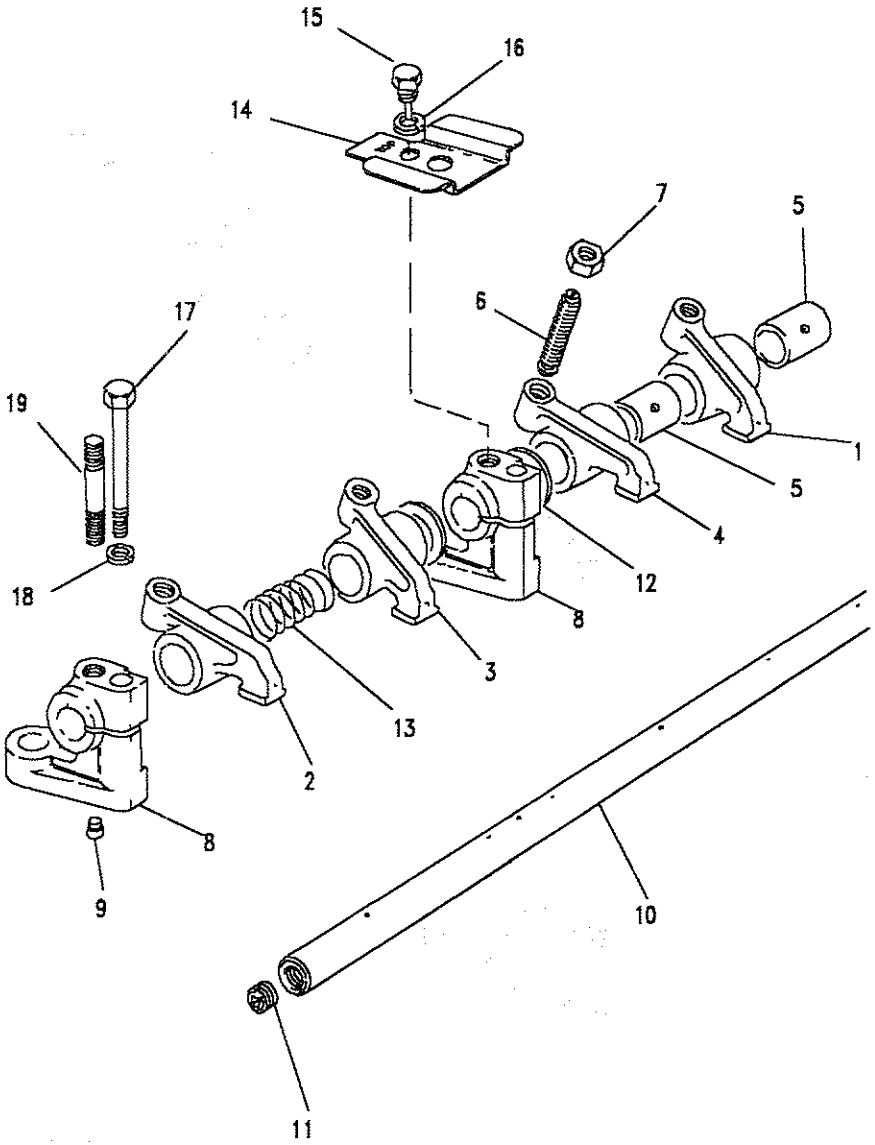
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5412 | Cylinder head assembly | 1 | |
| 2 | 525497 | Cup plug | 1 | |
| 3 | 524765 | Cup plug | 1 | |
| 4 | 549702 | Cup plug | 4 | |
| 5 | 568686 | Guide valve inlet | 4 | |
| 6 | 568687 | Guide valve exhaust | 4 | |
| 7 | ETC6278 | Insert valve seat | 4 | |
| 8 | ERR1510 | Seal inlet valve | 4 | |
| 9 | ETC4751 | Seal exhaust valve | 4 | |
| 10 | TE108051L | Stud | 3 | |
| 11 | 213700 | Dowel | 2 | |
| 12 | AFU1890L | Washer joint | 1 | |
| 13 | ERC9448 | Plug | 1 | |
| 14 | ERC6380 | Gasket | 1 | |
| 15 | 247051 | Bolt 4.562" | 9 | |
| 16 | 279648 | Bolt 2.312" | 4 | |




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**Page** ADBFGA1A

**ENGINE - CYLINDER HEAD - 2.5 PETROL**

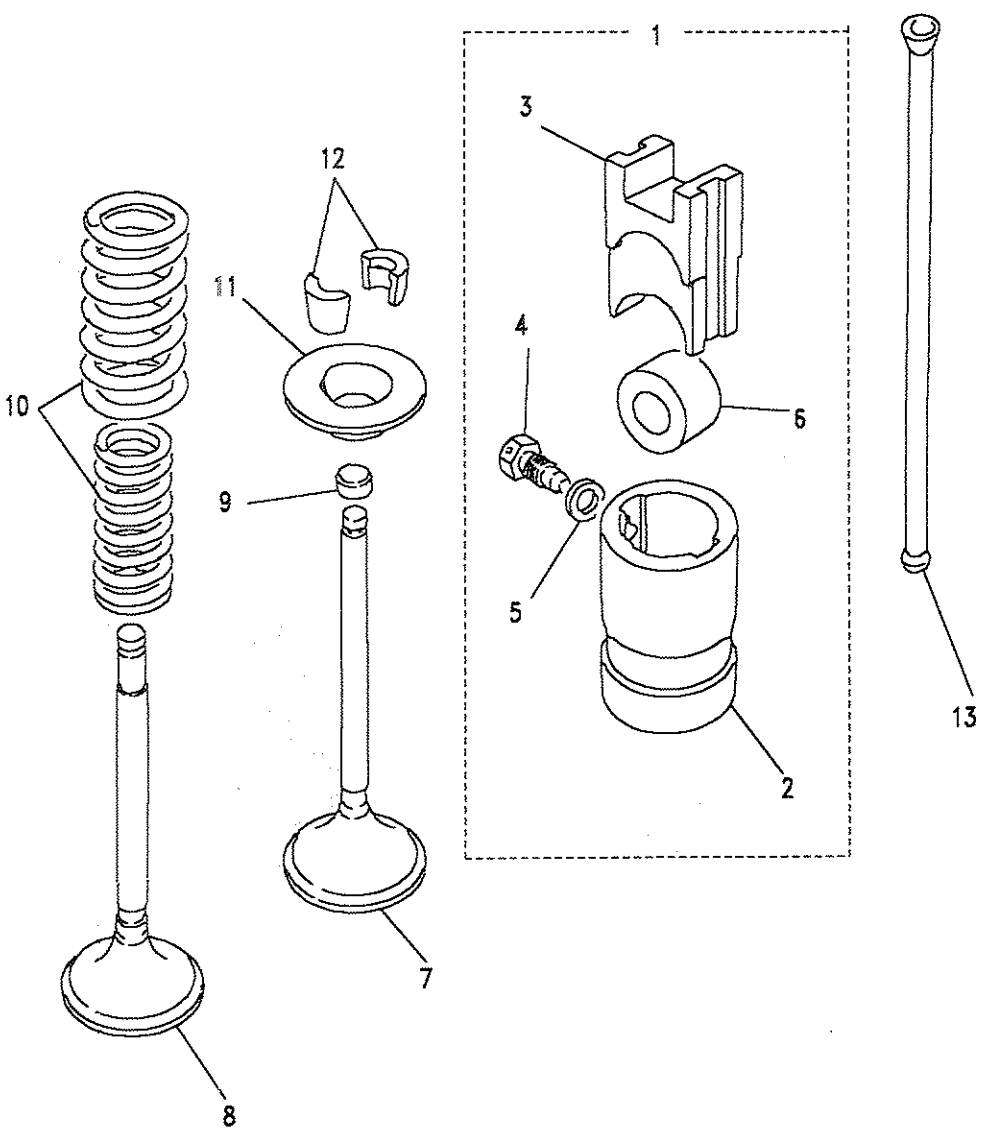
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 17 | 554621 | Bolt 4.125" | 5 | |
| 18 | ERC6821 | Washer | 18 | |
| 19 | ERC8973 | Adaptor water temp | 1 | UptoAPRIL1989 |
| 20 | AFU1890L | Washer joint | 1 | |
| 21 | PRC2505 | Transmitter water | 1 | UptoAPRIL1989 |
| | PRC6663 | Transmitter water | 1 | FromAPRIL1989 |
| 22 | ERC2254 | Bracket lifting front | 1 | |
| 23 | ETC7135 | Bracket lifting rear | 1 | |
| 24 | FS108201L | Screw brackets to head | 4 | |
| 25 | WL108001L | Washer spring | 4 | |
| 26 | 543589 | Clip | 1 | |
| 27 | SH104121L | Screw | 1 | |
| 28 | WA104001L | Washer | 1 | |
| 29 | NH104041L | Nut | 1 | |
| 30 | 275679 | Pipe oil feed | 1 | |
| 31 | ETC6510 | Washer joint | 4 | |
| 32 | ETC4498 | Bolt banjo | 2 | |




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## ENGINE - ROCKERS - 2.5 PETROL

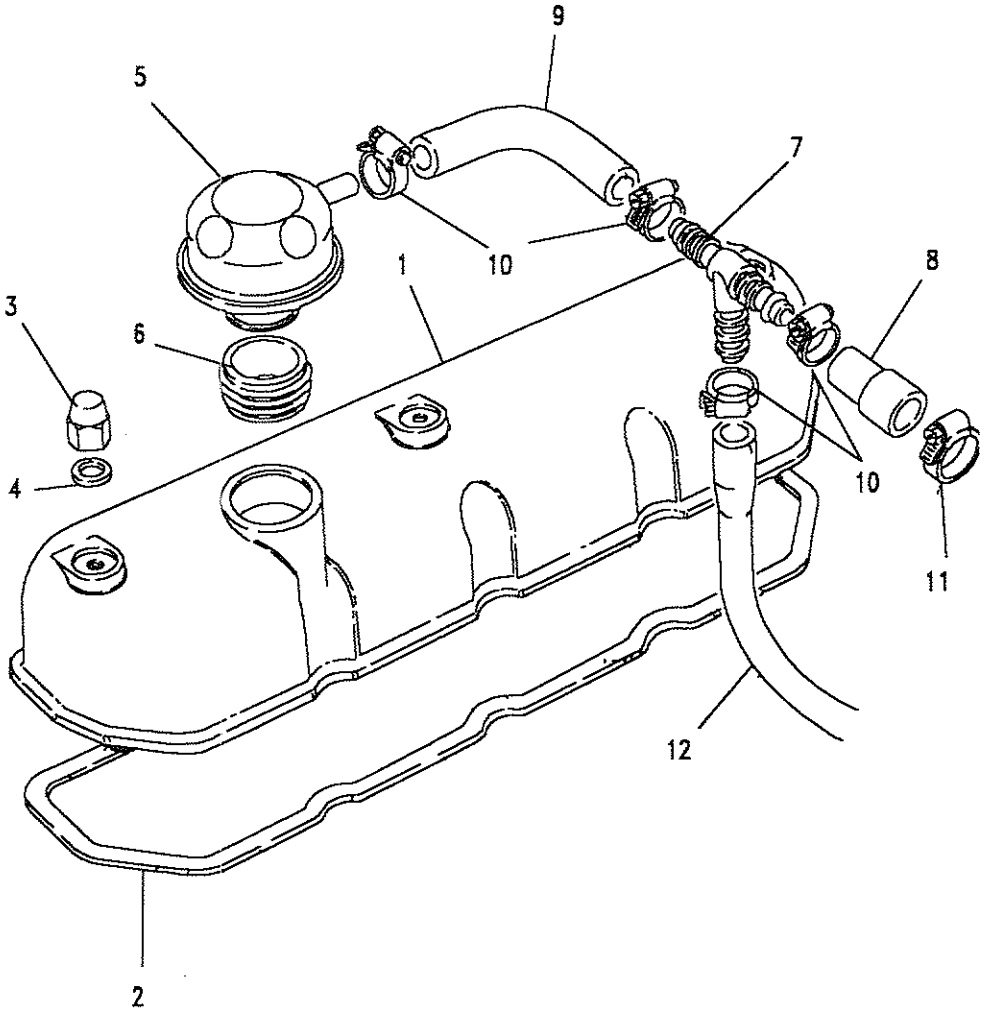
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9103 | Rocker arm assembly RH | 2 | |
| 2 | ERC9102 | Rocker arm assembly LH | 2 | |
| 3 | ERC9107 | Rocker arm assembly RH | 2 | |
| 4 | ERC9106 | Rocker arm assembly LH | 2 | |
| 5 | 247614 | Bush | 8 | |
| 6 | ERC9054 | Screw adjusting | 8 | |
| 7 | NT108041L | Locknut | 8 | |
| 8 | ERC9138 | Bracket pedestal | 5 | |
| 9 | 277956 | Ring dowel | 3 | |
| 10 | ERC6341 | Shaft rocker | 1 | |
| 11 | ERC6337 | Plug | 2 | |
| 12 | 525389 | Washer plain | 6 | |
| 13 | 247040 | Spring | 4 | |
| 14 | ERC9278 | Baffle plate-breather | 1 | |
| 15 | ETC4460 | Screw-locating | 1 | |
| 16 | WL108001L | Washer spring | 1 | |
| 17 | BH108151L | Bolt | 5 | |
| 18 | WL108001L | Washer spring | 5 | |
| 19 | TE108081L | Stud | 3 | |




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**Page** ADBFGE1A

## ENGINE - VALVES AND TAPPETS - 2.5 PETROL

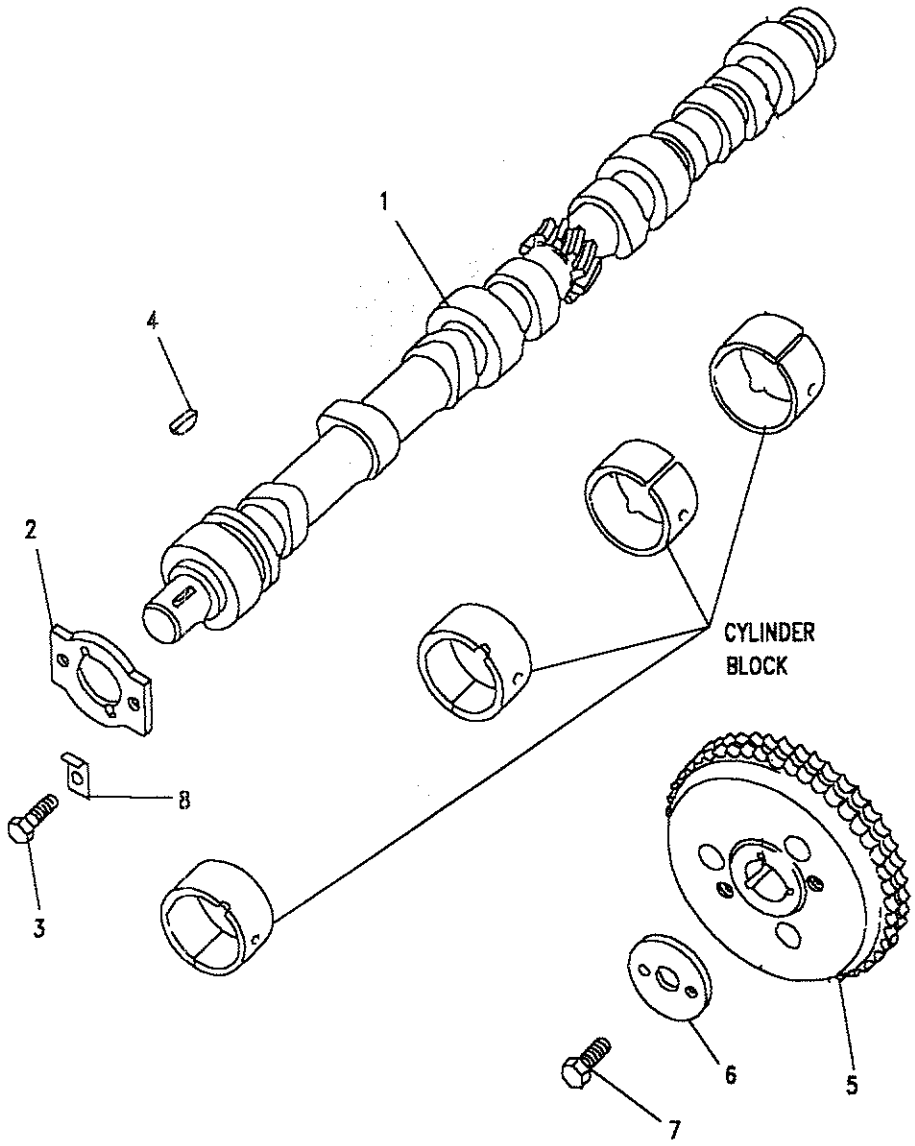
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 507829 | Tapppet assembly | 8 | |
| 2 | 502473 | Guide tappet | 8 | |
| 3 | ERR607 | Tappet slide | 8 | |
| 4 | ETC4246 | Bolt | 8 | |
| 5 | 273069 | washer plain | 8 | |
| 6 | ERR561 | Roller follower | 8 | |
| 7 | ETC4067 | Valve inlet | 4 | |
| 8 | ETC5866 | Valve exhaust | 4 | |
| 9 | ERR4175 | Cap-valve stem | 8 | |
| 10 | ERR4640 | Spring valve | 8 | |
| 11 | ETC4068 | Cup-valve spring | 8 | |
| 12 | ETC4069 | Cotter split halves | 16 | |
| 13 | 546798 | Push rod | 8 | |




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**Page** ADBFGG1A

## ENGINE - ROCKER COVER - 2.5 PETROL

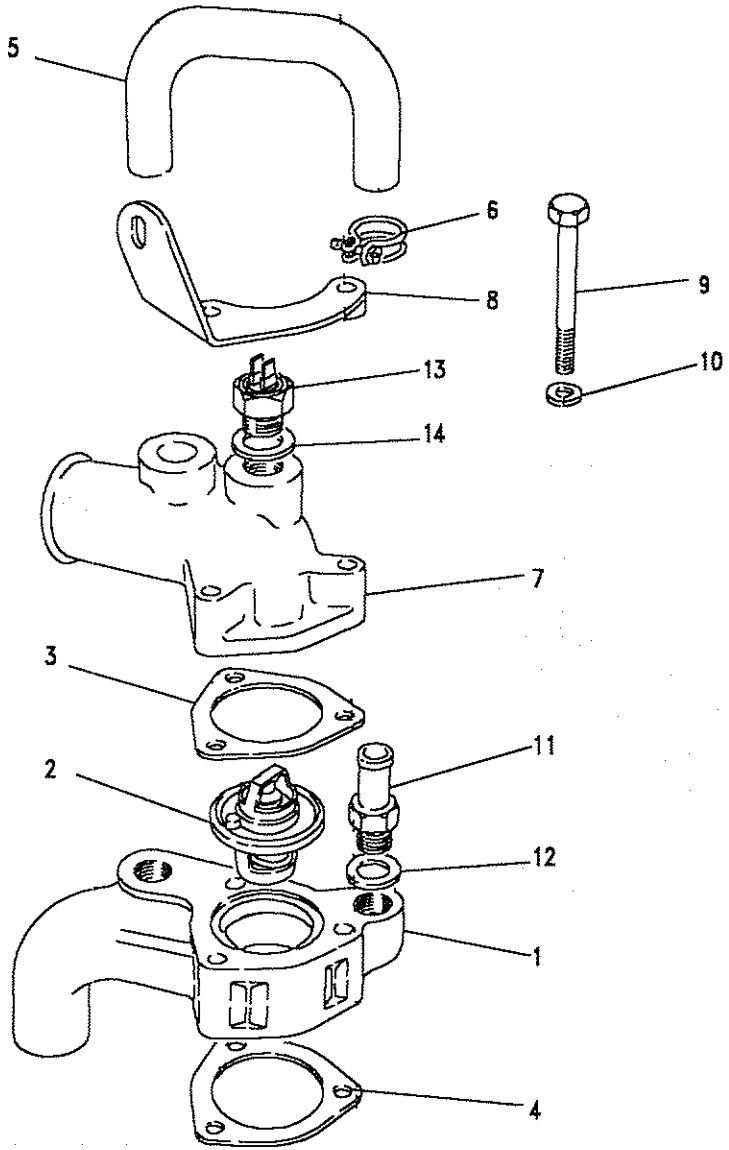
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5955 | Rocker cover | 1 | |
| 2 | ETC6439 | Gasket rocker cover | 1 | |
| | ERR4933 | Gasket rocker cover | 1 | Asbestos free |
| 3 | ERC9220 | Nut domed | 3 | |
| 4 | 273069 | Washer sealing | 3 | |
| 5 | ERR1454 | Breather silencer assy | 1 | |
| 6 | ERR736 | 'O'ring breather | 1 | |
| 7 | ERC6200 | Tee piece | 1 | |
| 8 | ERC9032 | Hose tee piece to elbow | 1 | |
| 9 | ERC9031 | Hose rocker to tee piece | 1 | |
| 10 | CN100208L | Clip hose | 4 | |
| 11 | CN100148L | Clip hose | 1 | |
| 12 | ERC9033 | Hose tee piece to carb | 1 | |




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**Page** ADBFGI1A

**ENGINE - CAMSHAFT - 2.5 PETROL**

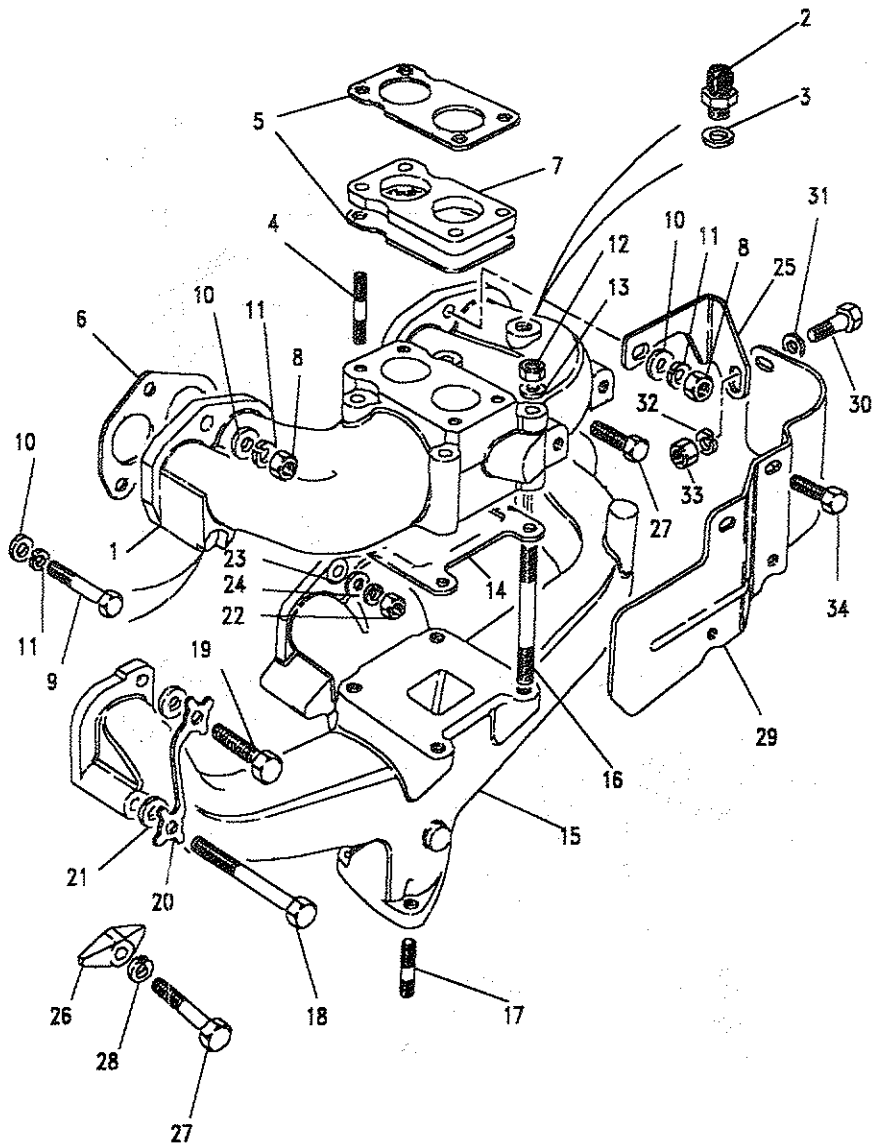
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7128 | Camshaft | 1 | |
| 2 | ERC1561 | Plate thrust | 1 | |
| 3 | FS106167 | Screw flanged | 2 | |
| 4 | 230313 | Key woodruff | 1 | |
| 5 | ETC5172 | Chainwheel | 1 | |
| 6 | ETC4140 | Washer retaining | 1 | |
| 7 | BX110071L | Bolt retaining | 1 | |
| 8 | 2995 | Locker | 2 | |




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**Page** ADBFGK1A

## ENGINE - THERMOSTAT HOUSING - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC8758 | Housing thermostat | 1 | |
| 2 | ETC4763 | Thermostat 82o | 1 | |
| | ETC4761 | Thermostat 74o | 1 | Optional |
| 3 | ERR3682 | Gasket thermostat | 1 | Asbestos free |
| 4 | 247874 | Washer joint | 1 | |
| 5 | ERC7510 | Hose | 1 | |
| 6 | CN100258L | Clip Hose | 2 | |
| 7 | ETC5967 | Water outlet connector | 1 | Non Air Con |
| | ETC5958 | Water outlet connector | 1 | Air Con |
| 8 | ETC5965 | Bracket cowl mounting | 1 | |
| 9 | BH106151L | Bolt | 3 | |
| 10 | WL106001L | Washer spring | 3 | |
| 11 | 624091 | Adaptor thermo housing | 2 | |
| 12 | 243959 | Washer joint | 2 | |
| 13 | PRC3366 | Switch Temp/sensor blue | 1 | ) |
| | PRC3541 | Switch Temp/sensor red | 1 | )Air Con |
| 14 | C457593 | Washer | 2 | ) |

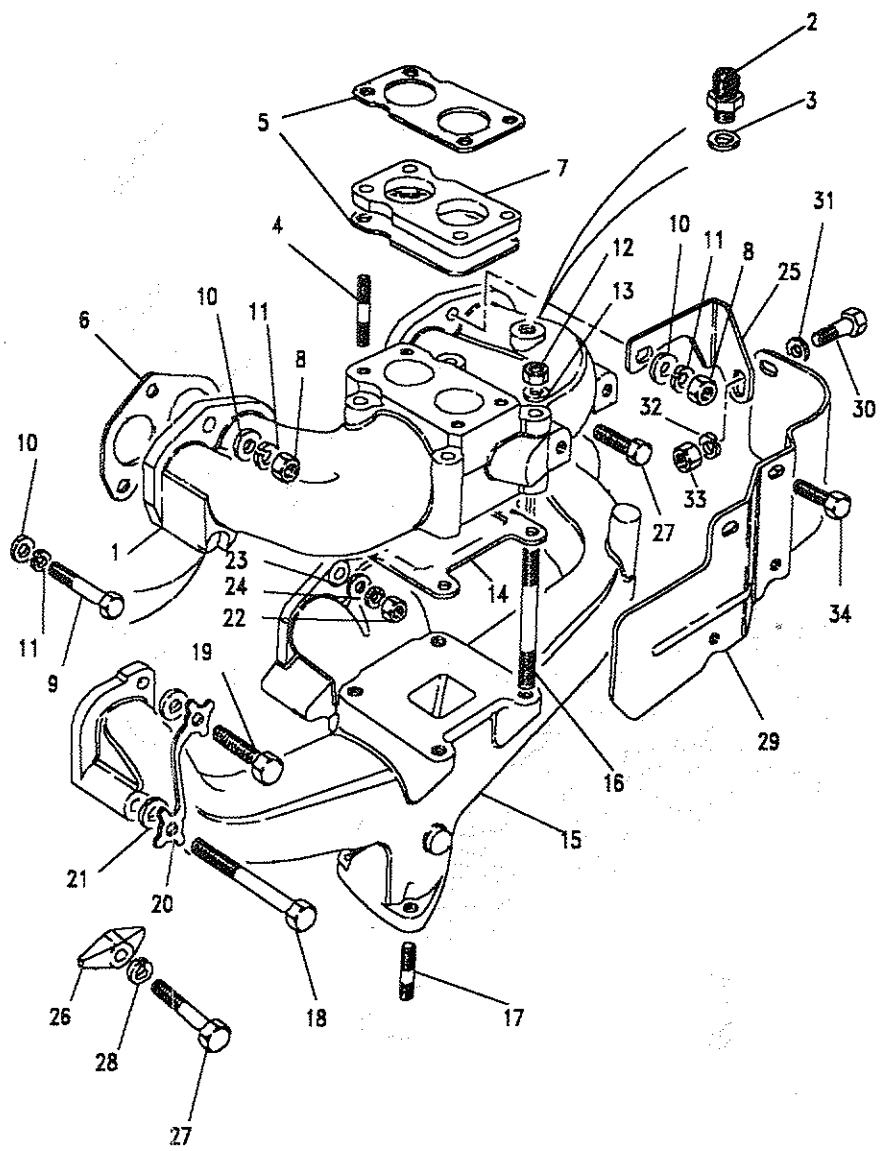



**Model** DEFENDER 90
**Page** ADBFHA1A

**ENGINE - MANIFOLDS - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9069 | Manifold inlet | 1 | |
| 2 | 90513171 | Adaptor servo | 1 | |
| | ETC6929 | Banjo assembly | 1 | Note(1) |
| 3 | 243958 | Washer joint | 1 | |
| 4 | TE108081L | Stud carb to inlet/man | 4 | |
| | NH108041L | Nut carb to inlet/man | 4 | |
| | WL108001L | Washer spring | 4 | |
| 5 | ERC8645 | Washer joint | 2 | |
| | ERR4385 | Joint washer | 2 | Asbestos free |
| 6 | 564307 | Washer joint | 2 | |
| 7 | ERC8460 | Insulator heat | 1 | |
| | ERR4386 | Insulator heat | 1 | Asbestos free |
| 8 | NH108041L | Nut manifold to head | 2 | |
| 9 | FB108101 | Bolt manifold to head | 2 | |
| 10 | 587405 | Washer manifold to head | 4 | |
| 11 | WL108001L | Washer spring | 4 | |
| 12 | NH108041L | Nut manifold to manifold | 4 | |
| 13 | WA108051L | Washer | 4 | |
| 14 | ERC8124 | Gasket manifold | 1 | |
| | ERR4387 | Gasket manifold | 1 | Asbestos free |
| 15 | ERC9071 | Exhaust manifold | 1 | Note(2) |
| | ETC5330 | Exhaust manifold | 1 | Note(3) |

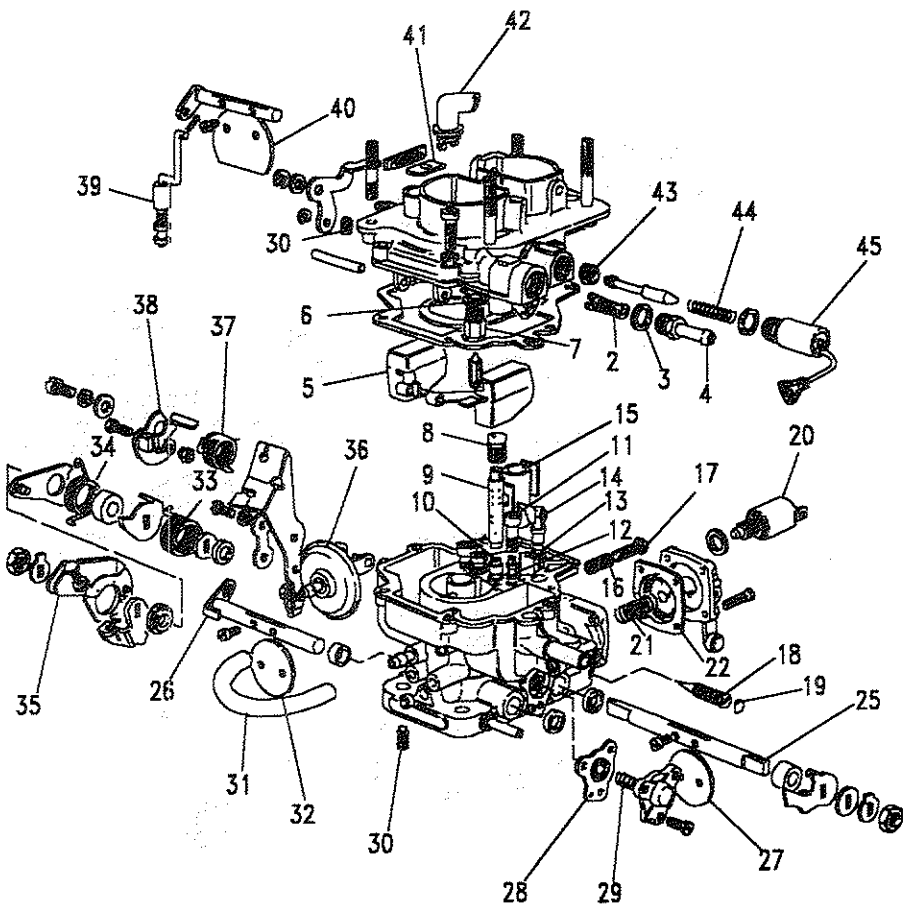
Note(1) Vehicles with charcoal canister only
Note(2) Conical bore to take downpipe with welded olive end
Note(3) Parallel sided bore to take downpipe with copper/asbestos'O'ring




**Model** DEFENDER 90
**Page** ADBFHA1A

**ENGINE - MANIFOLDS - 2.5 PETROL**

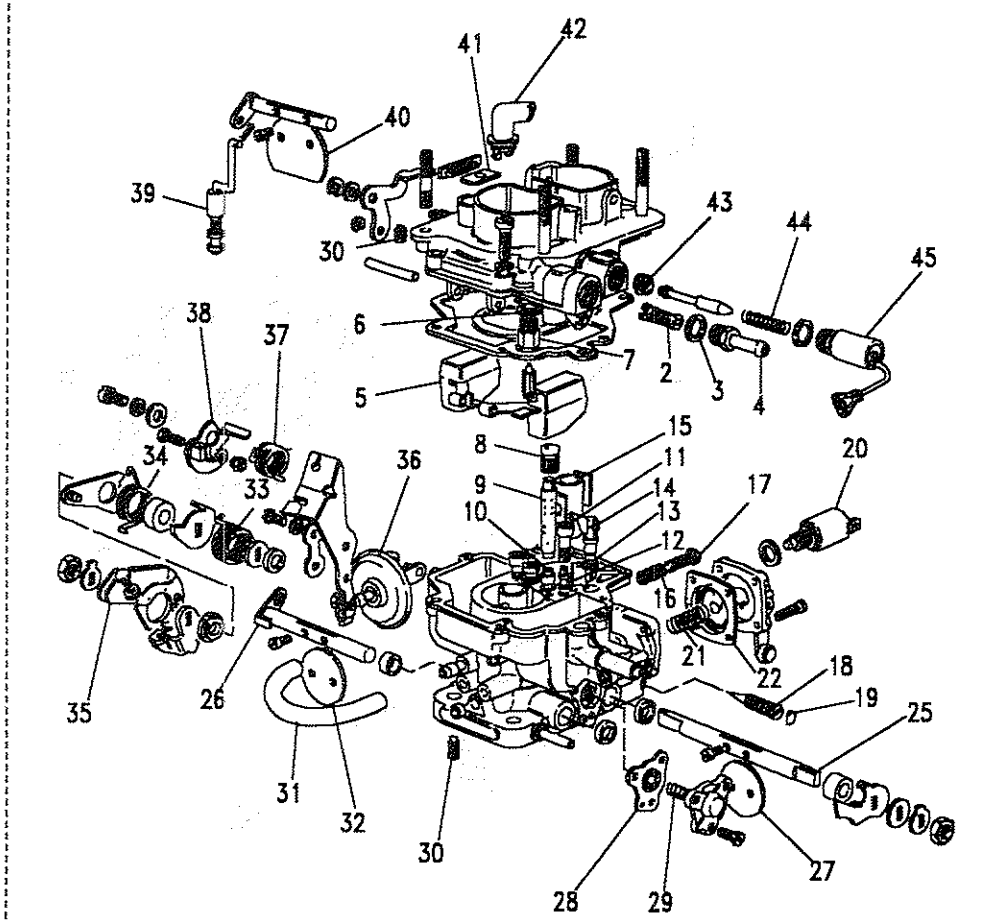
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 16 | TE108131L | Stud manifold to manifold | 4 | |
| 17 | AFU1848L | Stud exhaust pipe | 3 | |
| 18 | BH108141L | Bolt manifold to head | 2 | |
| 19 | SH108301L | Screw manifold to head | 2 | |
| 20 | 596490 | Locking plate | 2 | |
| 21 | 587405 | Washer manifold to head | 4 | |
| 22 | NH108041L | Nut centre flange to head | 1 | |
| 23 | 587405 | Washer | 1 | |
| 24 | WL108001L | Washer spring | 1 | |
| 25 | ETC5040 | Bracket heat shield | 1 | |
| 26 | 564308 | Clamp manifold to head | 2 | |
| 27 | BH108141L | Bolt manifold to head | 2 | |
| 28 | WL108001L | Washer spring | 2 | |
| 29 | ERC8712 | Shield exhaust manifold | 1 | |
| 30 | FS108201L | Bolt shield to manifold | 1 | |
| 31 | WA108051L | Washer | 4 | |
| 32 | WL108001L | Washer spring | 3 | |
| 33 | NH108041L | Nut shield to manifold | 1 | |
| 34 | SH108141L | Screw shield to manifold | 2 | |
| | ERC8722 | Bolt shield to manifold | 2 | |




**Model** DEFENDER 90
**Page** ADBFIA1A

## ENGINE - CARBURETTERS - 2.5 PETROL

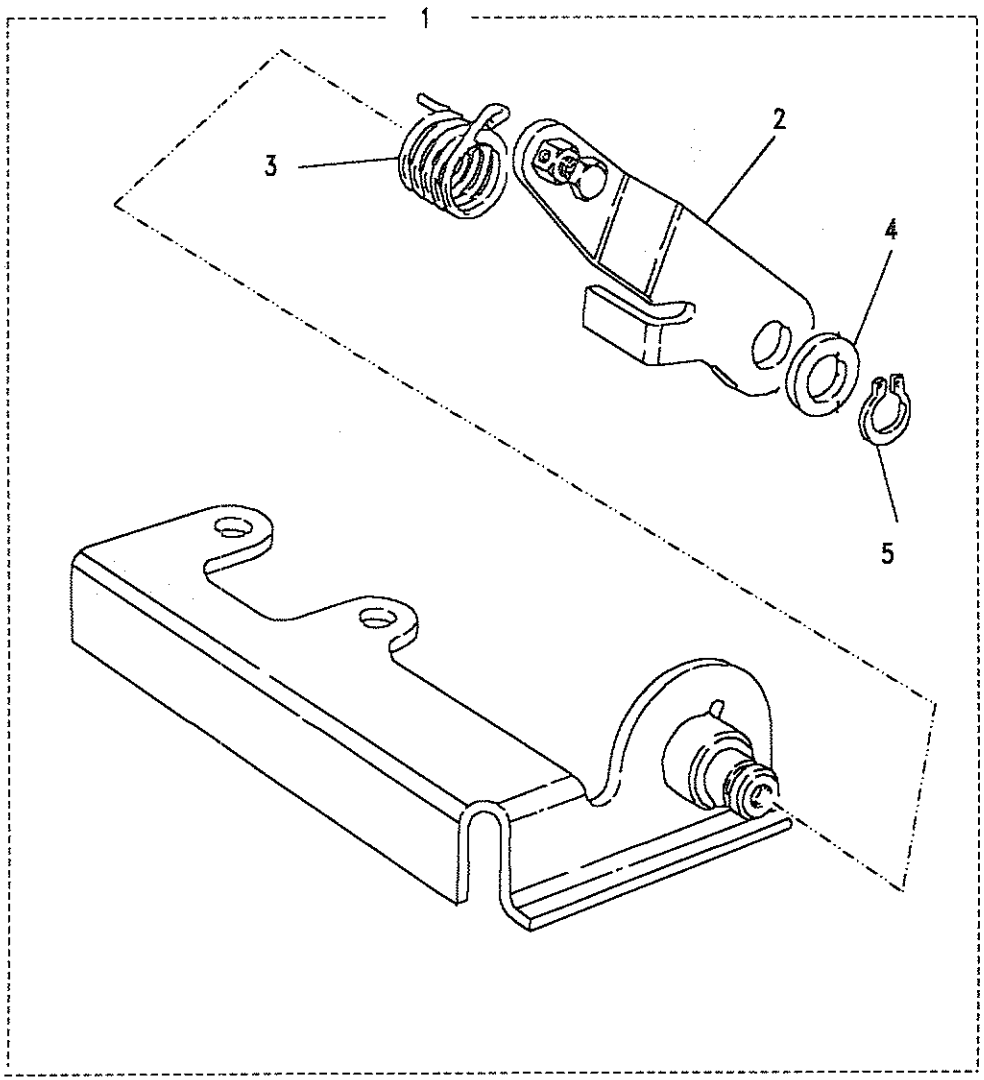
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6350 | Carburettor-twin choke | 1 | Upto17H08822C |
| | ETC7144 | Carburettor-twin choke | 1 | From17H08823C |
| 2 | RTC4421 | Filter | 1 | NLA |
| 3 | RTC4420 | Washer | 1 | NLA |
| 4 | RTC4419 | Fuel-inlet | 1 | |
| 5 | AEU2583 | Float | 1 | |
| 6 | RTC4896 | Gasket-needle valve | 1 | NLA |
| 7 | AEU2584 | Needle valve | 1 | NLA |
| 8 | AEU2565 | Jet air correction-prime | 1 | |
| | RTC4858 | Jet air correction-sec | 1 | |
| 9 | AEU2566 | Emulsion tube-primary | 1 | |
| | RTC4857 | Emulsion tube-secondary | 1 | |
| 10 | RTC4852 | Jet main-primary/sec | 2 | |
| 11 | AEU2582 | Jet idle-holder | 1 | |
| 12 | RTC4849 | Jet idle-speed | 1 | |
| | AEU2580 | Jet idle-secondary | 1 | |
| 13 | RTC4897 | 'O'ring | 1 | |
| 14 | AEU2578 | Jet pump | 1 | NLA |
| 15 | AEU2585 | Auxiliary venturi(PRI) | 1 | |
| | RTC4859 | Auxiliary venturi(SEC) | 1 | |
| 16 | AEU2577 | Spring-idle speed screw | 1 | |
| 17 | RTC4898 | Screw idle speed | 1 | |
| 18 | RTC4899 | Screw idle mixture | 1 | NLA |
| 19 | RTC4900 | 'O'ring-mixture screw | 1 | NLA |
| 20 | RTC4850 | Solenoid-idle cut off | 1 | |
| 21 | AEU2575 | Spring pump | 1 | |
| 22 | RTC4901 | Diaphram pumpm | 1 | NLA |
| 23 | | Gasket | 1 | NLA |
| 24 | RTC4903 | Seal shaft | 3 | NLA |




**Model** DEFENDER 90
**Page** ADBFIA1A

## ENGINE - CARBURETTER - 2.5 PETROL - CONTINUED

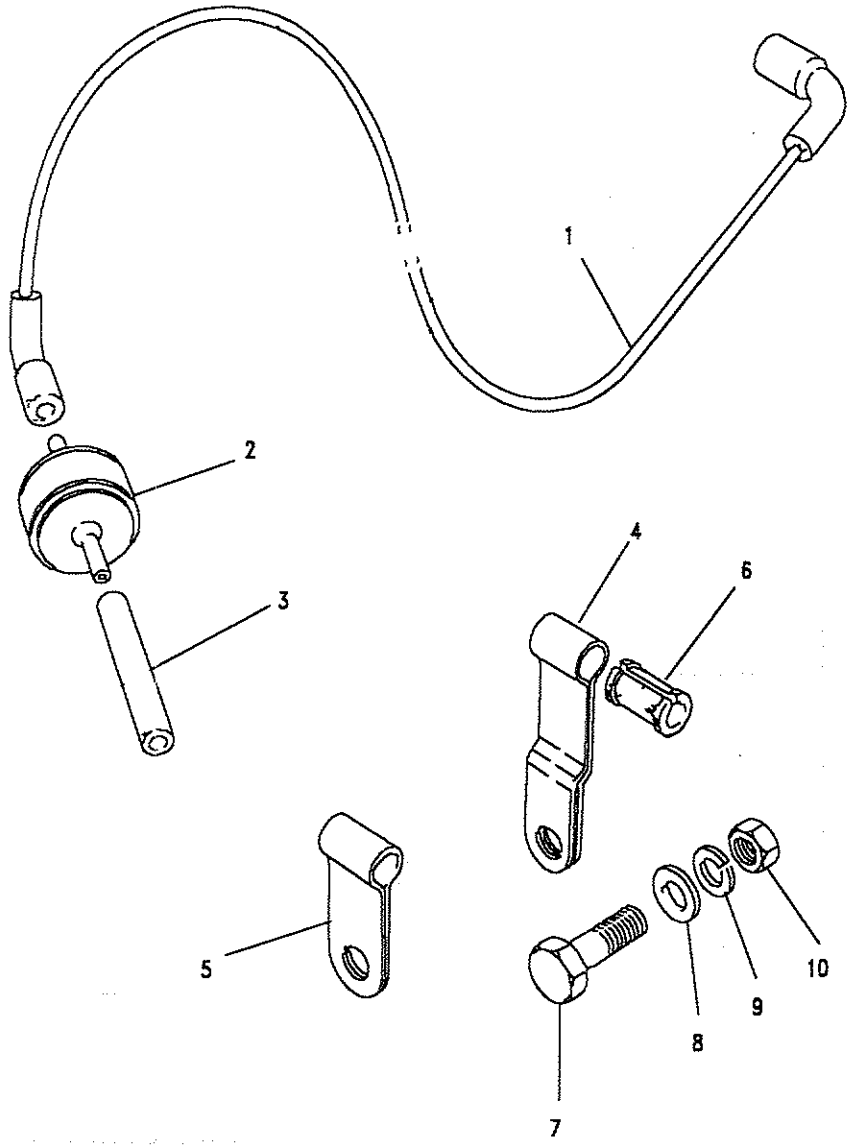
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 25 | AEU2573 | Shaft primary | 1 | NLA |
| 26 | AEU2570 | Shaft secondary | 1 | NLA |
| 27 | AEU2574 | Plate throttle | 1 | NLA |
| 28 | RTC4860 | Diaphram | 1 | NLA |
| 29 | RTC4851 | Spring valve | 1 | |
| 30 | AEU2579 | Screw-secondary adjust | 1 | |
| | AEU2579 | Screw-choke setting | 1 | |
| 31 | RTC4904 | Tube | 1 | |
| 32 | AEU2571 | Plate throttle | 1 | NLA |
| 33 | AEU2569 | Spring | 1 | |
| 34 | AEU2564 | Spring | 1 | |
| 35 | RTC4853 | Lever throttle | 1 | |
| 36 | AEU2560 | Capsul | 1 | |
| 37 | AEU2564 | Spring-fast idle cam | 1 | |
| 38 | AEU2563 | Cam fast idle | 1 | |
| 39 | AEU2562 | Link choke | 1 | |
| 40 | AEU2558 | Plate choke | 1 | NLA |
| 41 | RTC4906 | Seal dust | 1 | |
| 42 | RTC4861 | Elbow vent | 1 | |
| 43 | RTC3665 | Seal valve | 1 | |
| 44 | RTC4908 | Spring | 1 | |
| 45 | RTC3663 | Solenoid | 1 | |
| | RTC5970 | Kit repair | 1 | |
| | RTC5863 | Kit overhaul | 1 | |
| | RTC5608 | Kit gasket carb | 1 | |




**Model** DEFENDER 90
**Page** ADBFIA2A

**ENGINE - HAND THROTTLE - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9708 | Bracket assembly-hand | 1 | |
| 2 | ERC9693 | Lever assembly | 1 | |
| 3 | ERC9704 | Spring | 1 | |
| 4 | WB600071L | Washer plain | 1 | |
| 5 | CR120115L | Circlip | 1 | |



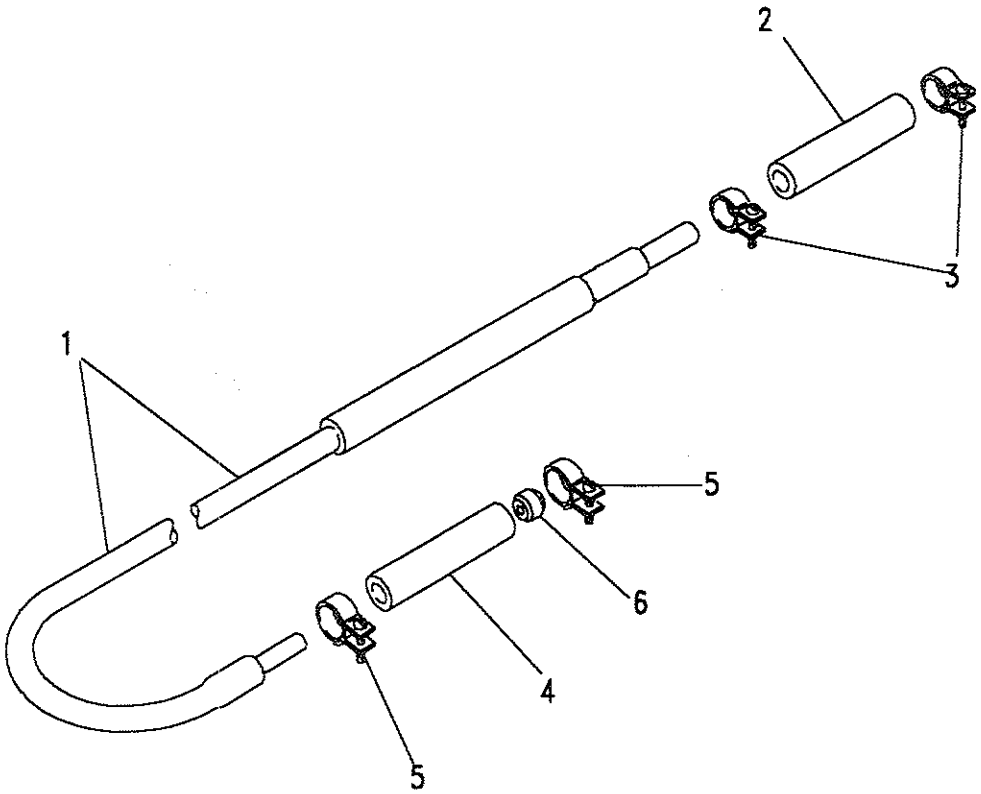

**Model** DEFENDER 90
**Page** ADBFIC1A

**ENGINE - VACUUM PIPES - CARBURETTER - 2.5 PETROL**

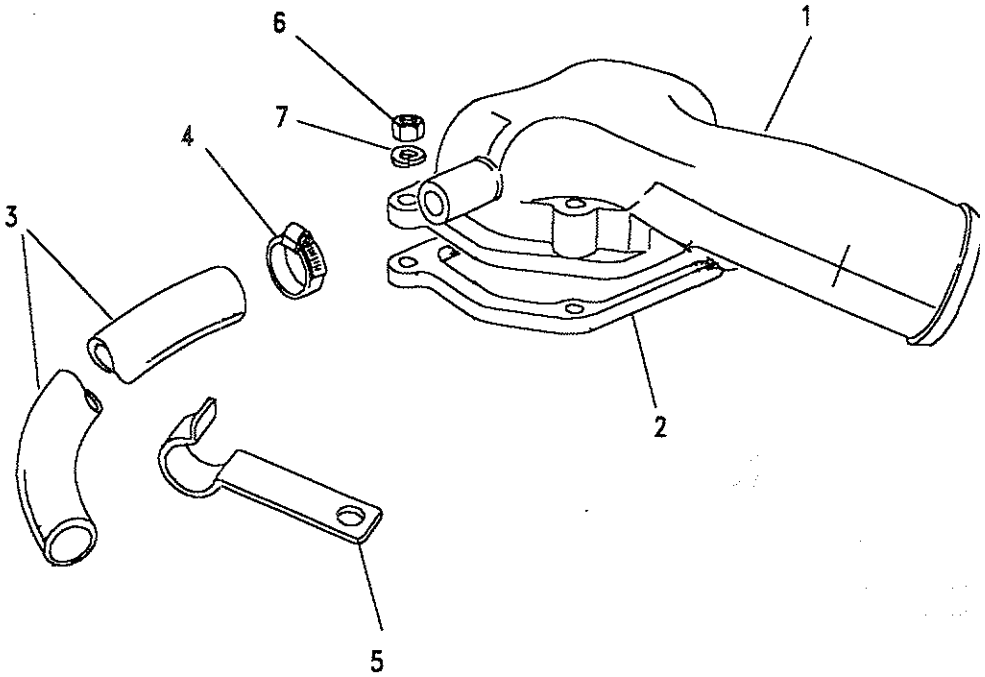
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9294 | Pipe assy vacuum advance | 1 | |
| 2 | ERC8119 | Valve-vacuum delay | 1 | |
| 3 | ERC6996 | Hose-distributor to valve | 1 | |
| 4 | 512646 | Clip pipe | 1 | |
| 5 | 214228 | Clip pipe | 1 | |
| 6 | 214229 | Grommet-clip | 2 | |
| 7 | SH604051L | Screw | 1 | |
| 8 | RTC609 | Washer | 1 | |
| 9 | WM600041L | Washer spring | 1 | |
| 10 | NH604041L | Nut | 1 | |

**Model** DEFENDER 90
**Page** ADBFIE1A

## ENGINE - FUEL PIPES - 2.5 PETROL



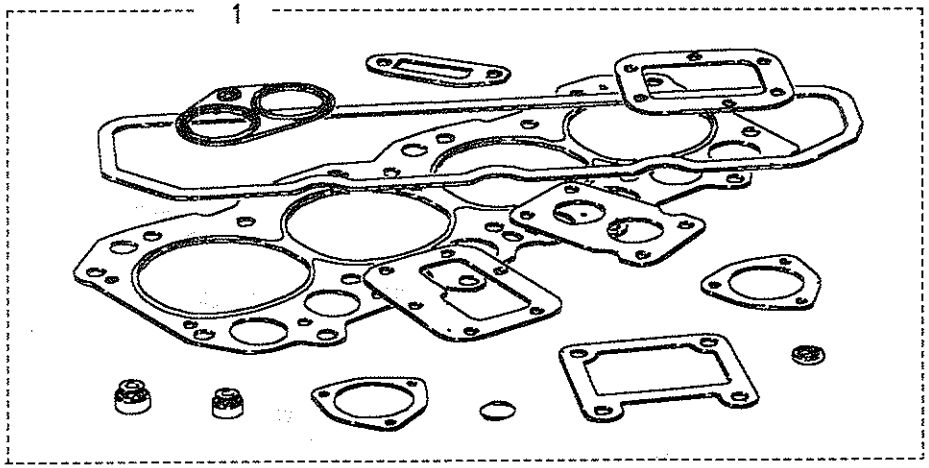

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5027 | Pipe fuel assembly | 1 | |
| 2 | ETC6155 | Hose connector-fuel pipe | 1 | |
| 3 | EAC32151 | Clip hose connector | 2 | |
| 4 | ETC6156 | Connector hose-fuel pipe | 1 | |
| 5 | EAC32151 | Hose clip-connector | 2 | |
| 6 | ETC6243 | Restrictor | 1 | |

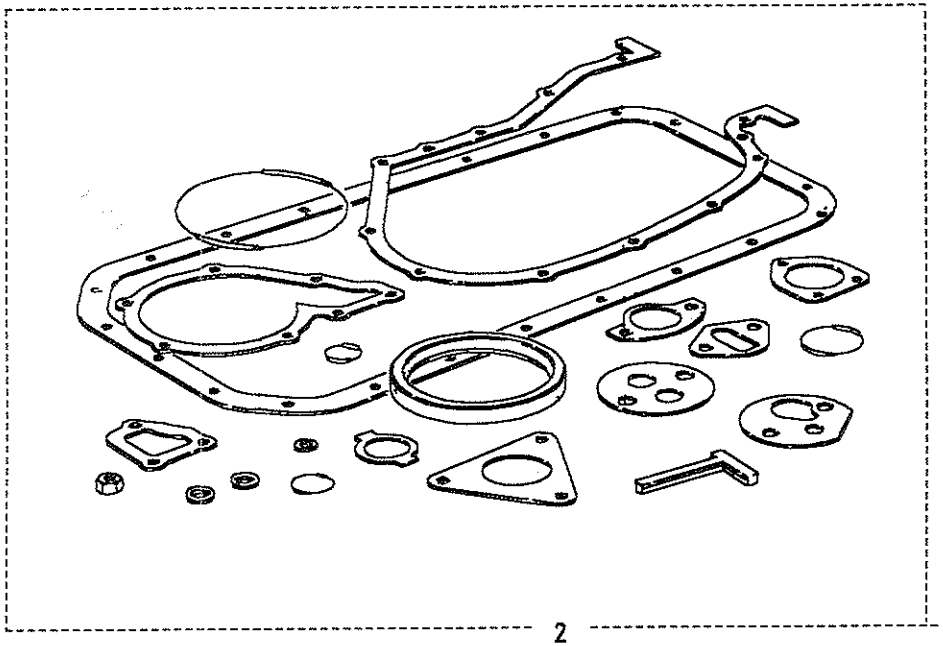



**Model** DEFENDER 90
**Page** ADBFIG1A

**ENGINE - CARBURETTER FIXINGS - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR539 | Elbow air inlet | 1 | |
| 2 | ERC7922 | Gasket elbow | 1 | |
| | ERR4384 | Gasket elbow | 1 | Asbestos free |
| 3 | ERC298 | Hose carburetter vent | 1 | |
| 4 | AAU1979 | Clip hose | 1 | |
| 5 | ETC4959 | Clip | 1 | |
| 6 | NH105041L | Nut elbow to carb | 4 | |
| 7 | WL105001L | Washer elbow to carb | 4 | |

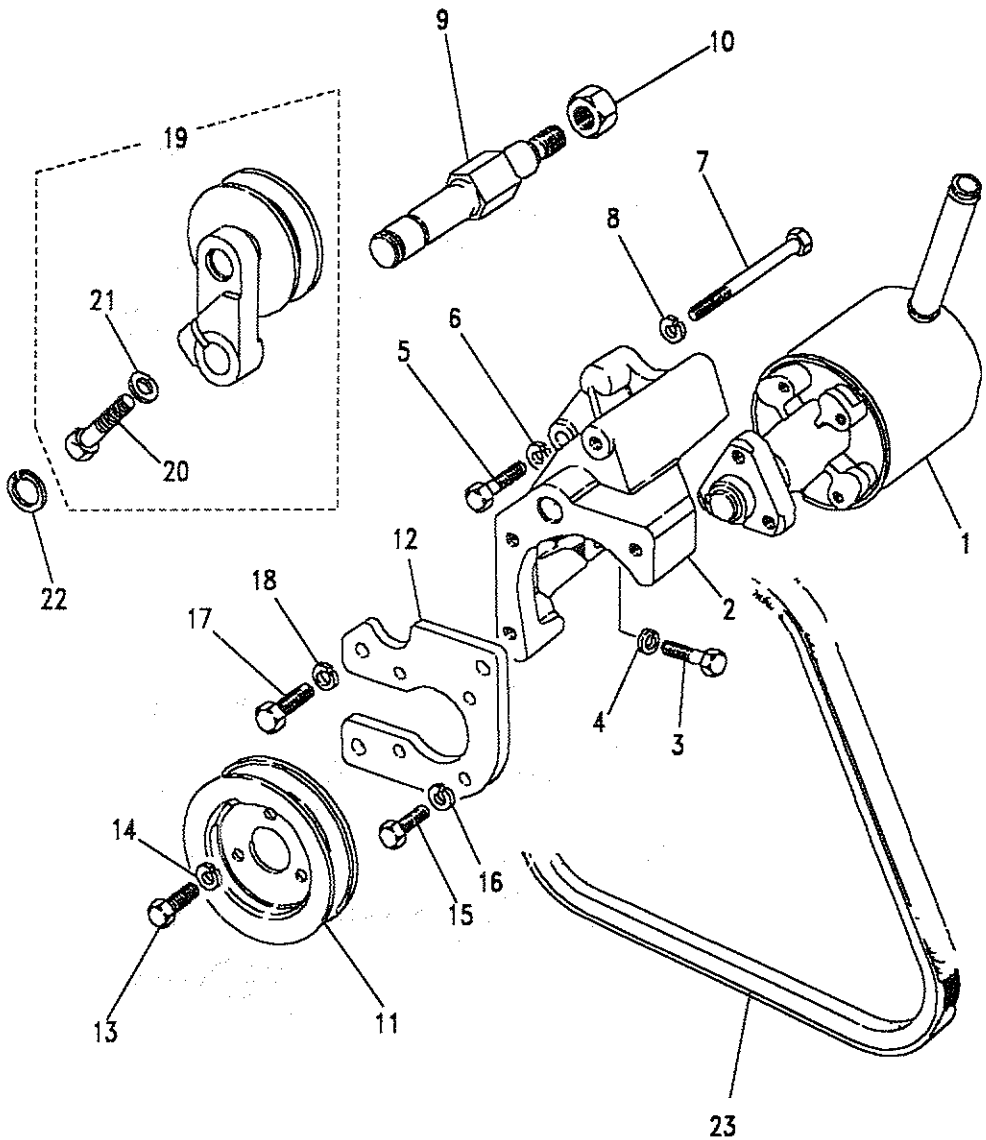



**Model** DEFENDER 90
**Page** ADBFMA1A

**ENGINE - GASKET KITS - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2889 | Kit gasket/seals decarb | 1 | |
| | STC1640 | Kit gasket/seals decarb | 1 | Asbestos free |
| 2 | RTC2890 | Kit gasket/seals overhaul | 1 | |
| | STC1467 | Kit gasket/seals overhaul | 1 | Asbestos free |

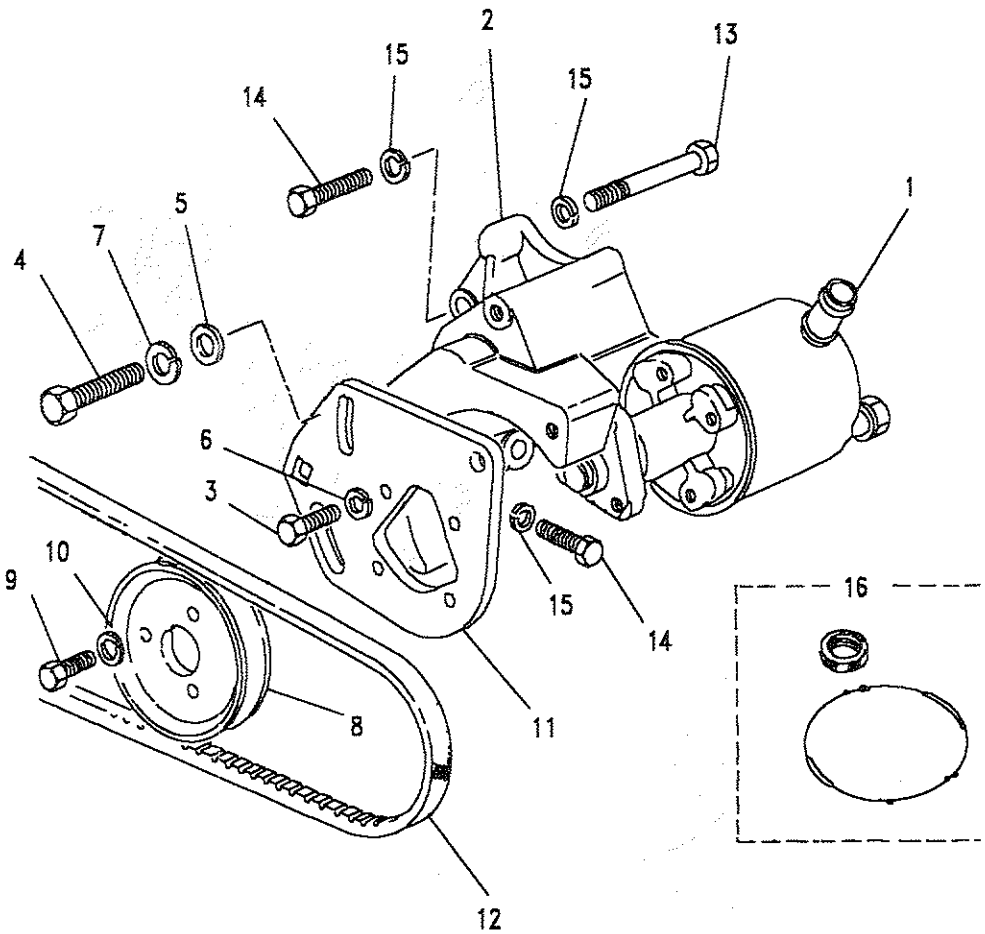



**Model** DEFENDER 90
**Page** ADBFNC1A

## ENGINE - POWER STEERING PUMP(ADWEST) - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | | Pump power steering | 1 | Note(1) |
| | RTC4485 | Banjo | 1 | |
| 2 | ERC6974 | Bracket mounting | 1 | |
| 3 | SH108251L | Screw bracket to cover | 3 | |
| 4 | WL108001L | Washer spring | 3 | |
| 5 | SH108301L | Screw | 1 | |
| 6 | WL108001L | Washer spring | 1 | |
| 7 | BH108181L | Bolt bracket to block | 1 | |
| 8 | WL108001L | Washer spring | 1 | |
| 9 | ERC6976 | Spigot idler arm mounting | 1 | |
| 10 | ERC6977 | Nut special spigot | 1 | |
| 11 | ERC5145 | Pulley power steering | 1 | |
| 12 | ERC6975 | Plate mounting pump | 1 | |
| 13 | SH108141L | Screw pulley to pump | 3 | |
| 14 | WL108001L | Washer spring | 3 | |
| 15 | FS106201L | Screw-pump to plate | 4 | |
| 16 | WL106001L | Washer spring-Pump to Pla | 4 | |
| 17 | SH108251L | Screw plate to bracket | 3 | |
| 18 | WL108001L | Washer spring | 3 | |
| 19 | ETC4153 | Idler arm pulley assembly | 1 | |
| 20 | SH108401L | Screw idler arm clamp | 1 | |
| 21 | WL108001L | Washer spring idler arm | 1 | |
| 22 | CR120195L | Circlip | 2 | |
| 23 | ERC5146 | Belt driving | 1 | |
| | ETC4272 | Belt driving | 1 | AIR CON |
| | AEU4119 | Washer special banjo | 2 | |

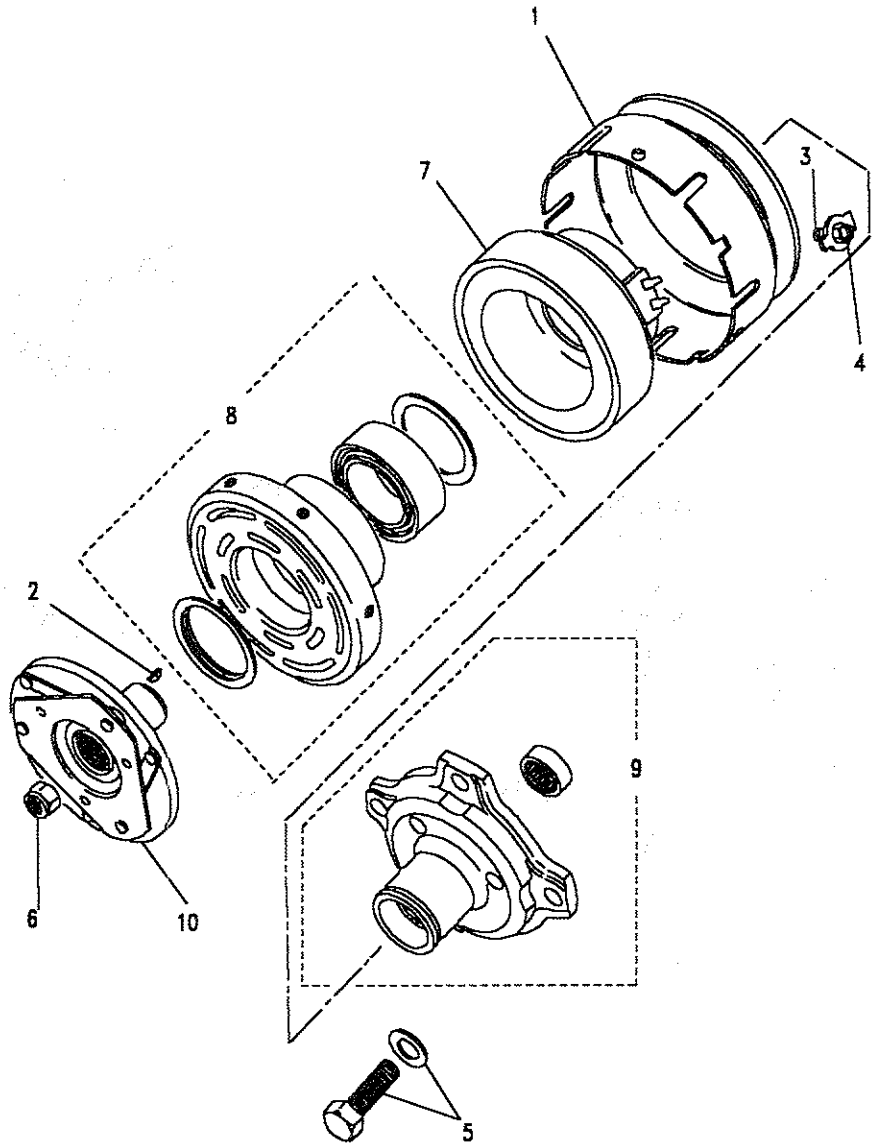
Note(1) ADWEST pump no longer available use ETC9077




**Model** DEFENDER 90
**Page** ADBFNC2A

**ENGINE - POWER STEERING PUMP - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC9077 | Pump power steering | 1 | ) |
| | RTC5674 | Banjo | 1 | )UptoJUNE1989 |
| | RTC5675 | Washer sealing | 2 | ) |
| 1 | NTC8287 | Pump power steering | 1 | FromJUNE1989 |
| 1 | NTC9070 | Pump power steering | 1 | FromJUNE1992 |
| 2 | ERC6974 | Bracket mounting | 1 | UptoJUNE1989 |
| | ETC8854 | Bracket mounting | 1 | fromJUNE1989 |
| 3 | FS106201L | Screw pump to bracket | 4 | |
| 4 | SH108251L | Screw pump to bracket | 3 | |
| 5 | WA108051L | Washer pump to bracket | 2 | |
| 6 | WL106001L | Washer spring | 4 | |
| 7 | WL108001L | Washer spring | 3 | |
| 8 | ETC5783 | Pulley power steering | 1 | |
| 9 | SH108141L | Screw pulley to pump | 3 | |
| 10 | WL108001L | Washer spring | 3 | |
| 11 | ETC5944 | Plate mounting ETC9077 | 1 | |
| | ERR1976 | Plate mounting NTC8287 | 1 | |
| | ERR2605 | Plate mounting NTC9070 | 1 | |
| 12 | ETC5815 | Belt power steering pump | 1 | |
| 13 | BH108181L | Bolt | 1 | |
| 14 | SH108251L | Screw | 3 | |
| | SH108301L | Screw | 1 | |
| 15 | WL108001L | Washer spring | 5 | |
| 16 | RTC5935 | Kit seal | 1 | Up to JA918809 |
| | STC1633 | Kit seal | 1 | From JA918810 |

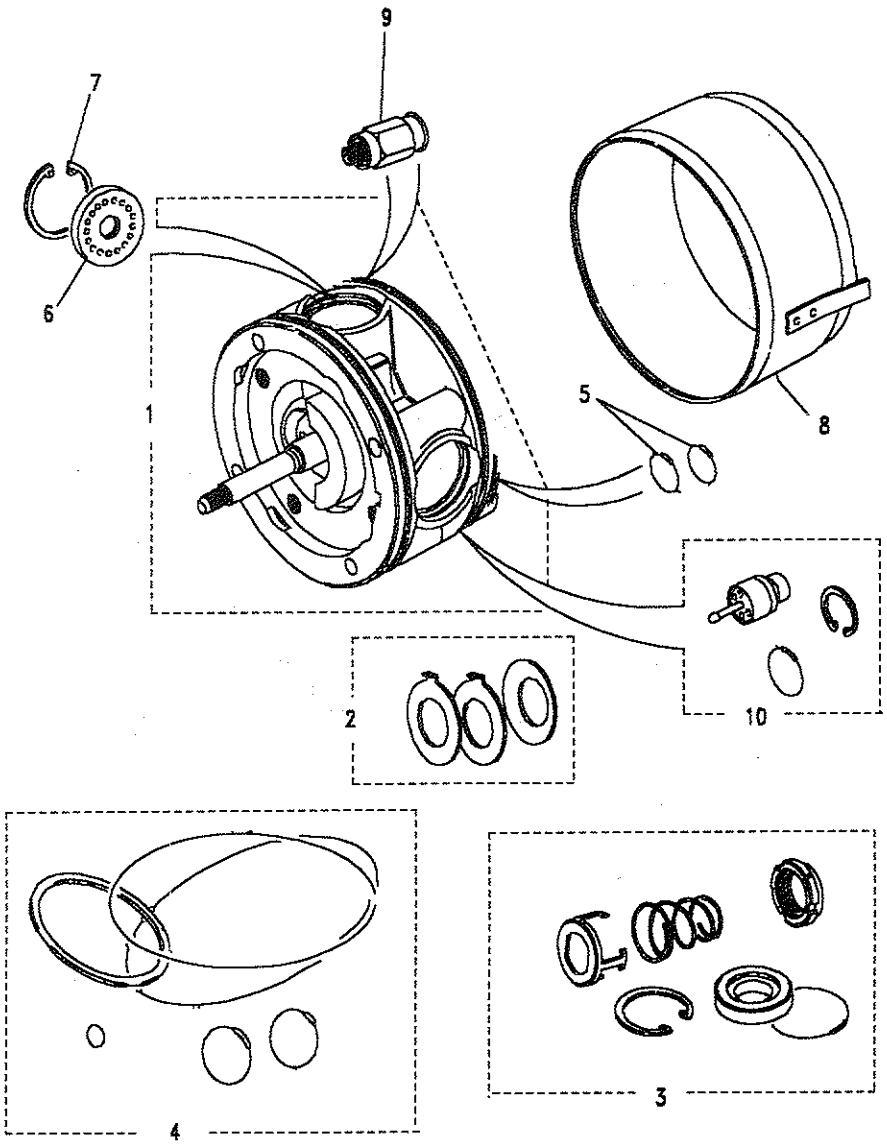



**Model** DEFENDER 90
**Page** ADBFNE1A

## ENGINE - AIR CONDITIONING COMPRESSOR - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | BTR9419 | Compressor assembly | 1 | Note(2) |
| | ERC6480 | Compressor assembly | 1 | Note(1) |
| 1 | AEU1782 | Pulley rim | 1 | |
| 2 | AEU1694 | Key clutch hub | 1 | |
| 3 | AEU1780 | Screw rim mounting | 6 | |
| 4 | AEU1779 | Washer rim mounting | 6 | |
| 5 | AEU1784 | Screw and washer assy | 4 | |
| 6 | AEU1775 | Nut shaft | 1 | |
| 7 | AEU1778 | Coil and housing assy | 1 | |
| 8 | AEU1777 | Rotor and bearing assy | 1 | |
| 9 | AEU1785 | Front head/bearing assy | 1 | |
| 10 | AEU1776 | Clutch assembly | 1 | |

Note(1) Up to VIN MA949374
Note(2) From VIN MA949375

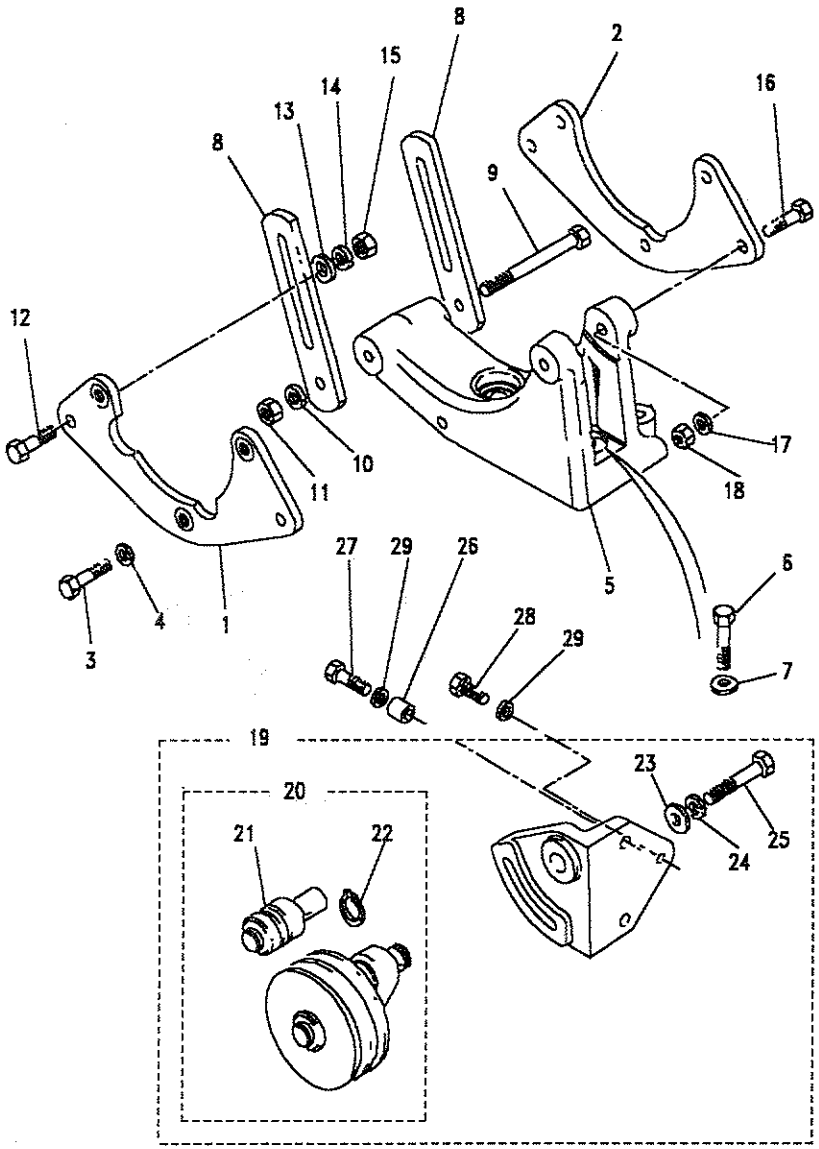



**Model** DEFENDER 90
**Page** ADBFNE2A

## ENGINE - AIR CONDITIONING COMPRESSOR - 2.5 PETROL - KITS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | BTR9419 | Compressor assembly | 1 | Note(2) |
| | ERC6480 | Compressor assembly | 1 | Note(1) |
| 1 | AEU1792 | Kit cylinder and shaft | 1 | |
| 2 | AEU1791 | Kit thrust washers | 1 | |
| 3 | AEU1790 | Kit shaft seal | 1 | |
| 4 | AEU1192 | Kit 'O' rings | 1 | |
| 5 | AEU1690 | 'O' ring ports | 2 | |
| 6 | AEU1788 | plate valve assembly | 4 | |
| 7 | AEU1787 | Ring retaining | 4 | |
| 8 | AEU1786 | Shell assembly | 1 | |
| 9 | AEU1689 | Valve pressure release | 1 | |
| 10 | AEU1688 | Kit superheat switch | 1 | |
| | ERC6072 | Belt driving twin belt | 2 | |
| | ETC4371 | Belt driving single belt | 1 | |
| | AEU1691 | Oil 525 visco/2pt(1136ml) | A/R | |

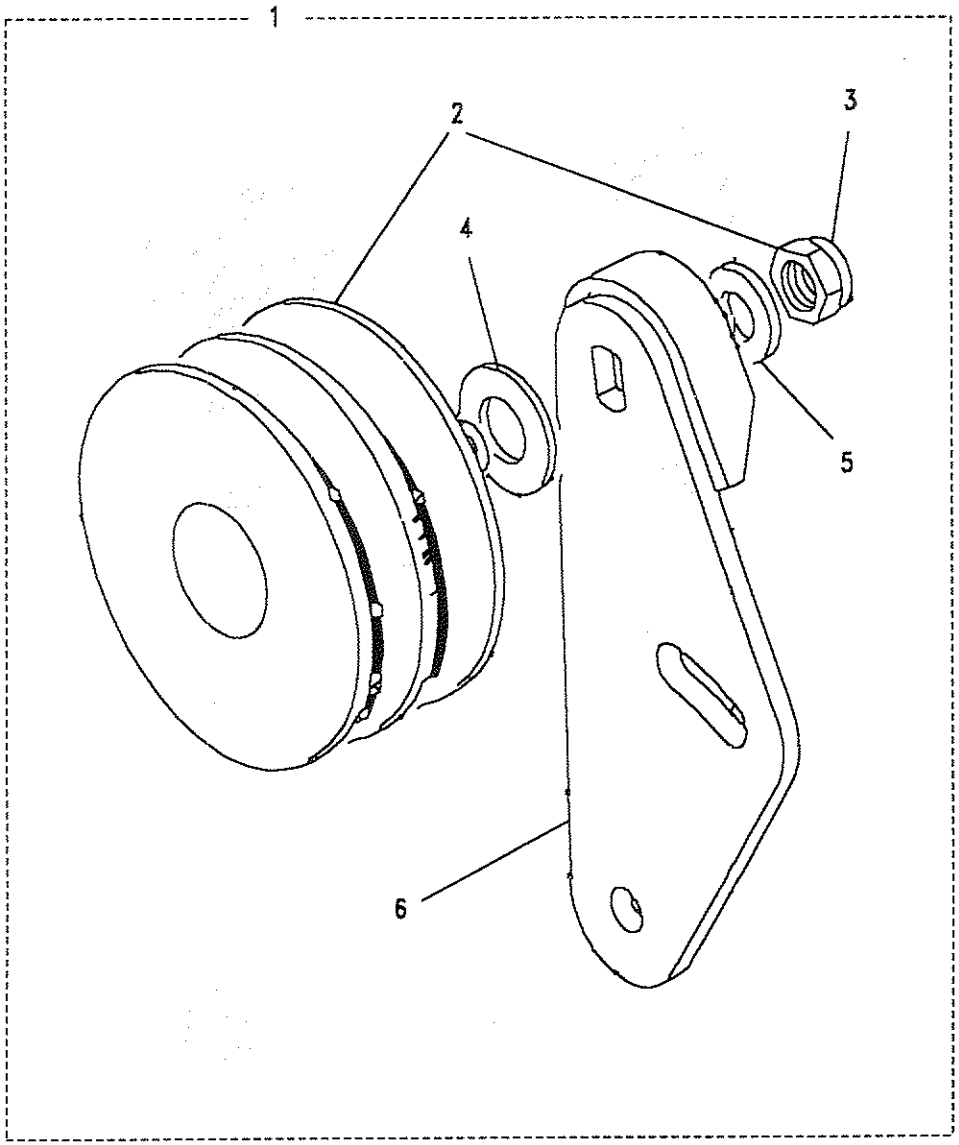
Note(1) Up to VIN MA949374
Note(2) From VIN MA949375




**Model** DEFENDER 90
**Page** ADBFNE3A

## ENGINE - COMPRESSOR FIXINGS - 2.5 PETROL

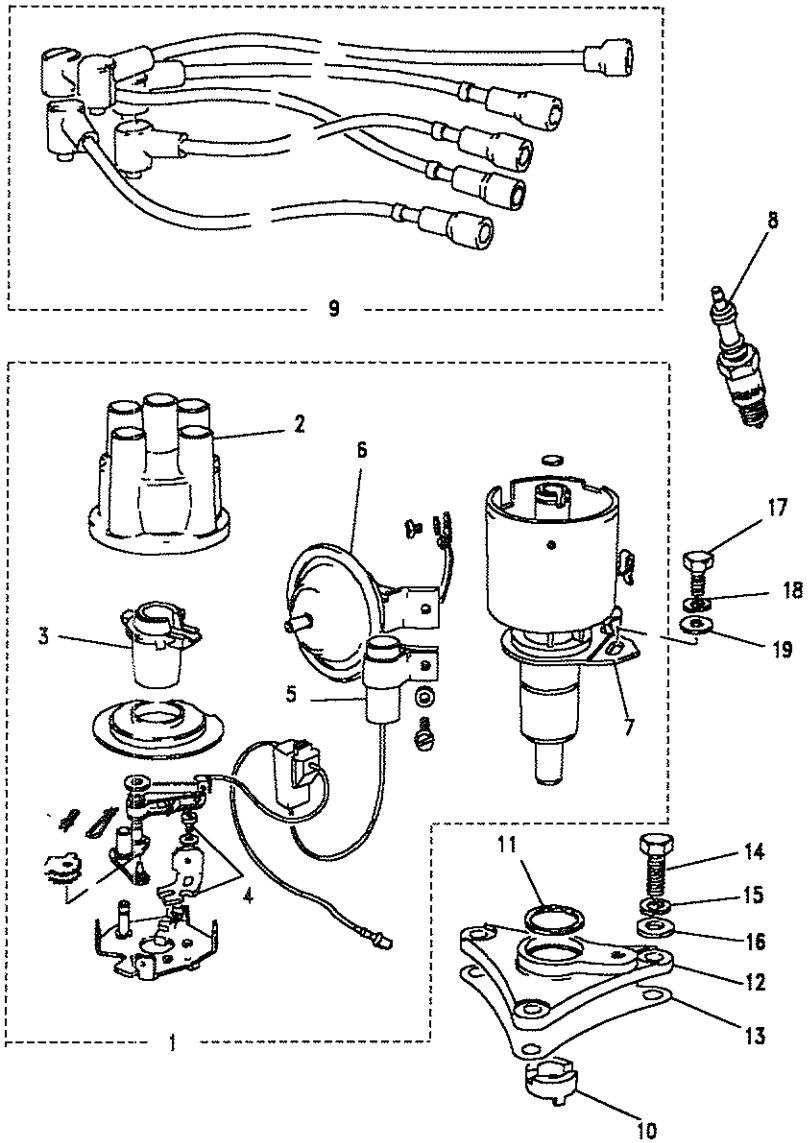
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC7082 | Plate mounting front | 1 | |
| 2 | ERC5152 | Plate mounting rear | 1 | |
| 3 | BH110201L | Bolt compressor to plate | 3 | |
| 4 | WL110001L | Washer spring | 3 | |
| 5 | ETC4882 | Bracket mounting compress | 1 | |
| 6 | BH110101L | Bolt bracket to cover | 4 | |
| 7 | WA110061L | Washer plain | 4 | |
| 8 | ERC5155 | Link adjusting | 2 | |
| 9 | BH108181L | Bolt link to bracket | 1 | |
| 10 | WL108001L | Washer spring | 1 | |
| 11 | NH108041L | Nut | 1 | |
| 12 | SH108251L | Screw link to plate | 2 | |
| 13 | WA108051L | Washer | 2 | |
| 14 | WL108001L | Washer spring | 2 | |
| 15 | NH108041L | Nut | 2 | |
| 16 | FB108081L | Bolt bracket to plates | 2 | |
| 17 | WL108001L | Washer spring | 2 | |
| 18 | NH108041L | Nut | 2 | |
| 19 | ERC5386 | Idler assembly | 1 | |
| 20 | ERC5387 | Idler arm assembly | 1 | |
| 21 | 90613049 | Bearing idler | 1 | |
| 22 | CR120171L | Circlip | 1 | |
| 23 | WC108051L | Washer idler arm clamp | 1 | |
| 24 | WL108001L | Washer spring | 1 | |
| 25 | FB108081L | Bolt idler arm clamp | 1 | |
| 26 | ERC6071 | Dowel hollow | 2 | |
| 27 | FB108061 | Bolt | 2 | |
| 28 | SH108251L | Screw | 1 | |
| 29 | WL108001L | Washer spring | 3 | |




**Model** DEFENDER 90
**Page** ADBFNE4A

**ENGINE - AIR CON IDLER PULLEY - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7756 | Pulley damper assembly | 1 | |
| 2 | 554971 | Pulley | 1 | |
| 3 | RTC6077 | Nut | 1 | |
| 4 | 4095 | Washer plain | 1 | |
| 5 | WB108051L | Washer plain | 1 | |
| 6 | ETC4212 | Plate mounting | 1 | |




**Model** DEFENDER 90
**Page** ADBFPA1A

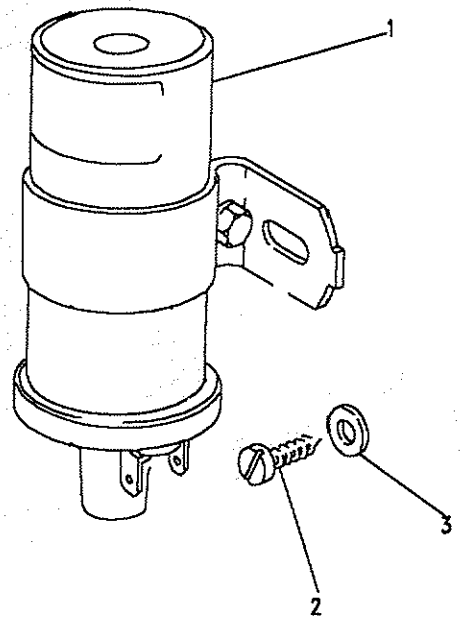
## ENGINE - DISTRIBUTOR - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5835 | Distributor | 1 | Note(1) |
| 2 | RTC3278 | Cap | 1 | |
| 3 | RTC3614 | Rotor arm | 1 | |
| 4 | RTC6627 | Contact set | 1 | Note(2) |
| | RTC5947 | Contact set | 1 | Note(3) |
| 5 | RTC3474 | Capacitor | 1 | |
| 6 | AEU1034 | Vacuum unit | 1 | |
| 7 | 245003 | Plate clamping | 1 | |
| 8 | RTC3812 | Spark plug | 4 | |
| 9 | ERC3256 | Lead ignition set | 1 | |
| 10 | 549611 | Drive coupling | 1 | |
| 11 | 52278 | Washer cork | 1 | |
| 12 | ETC4466 | Adaptor | 1 | |
| 13 | 247212 | Washer joint | 1 | |
| 14 | FS108201L | Screw | 3 | |
| 15 | WL108001L | Washer spring | 3 | |
| 16 | WA108051L | Washer | 3 | |
| 17 | FS106167 | Screw flanged | 1 | |
| 18 | WL106001L | Washer spring | 1 | |
| 19 | WB106041L | Washer | 1 | |

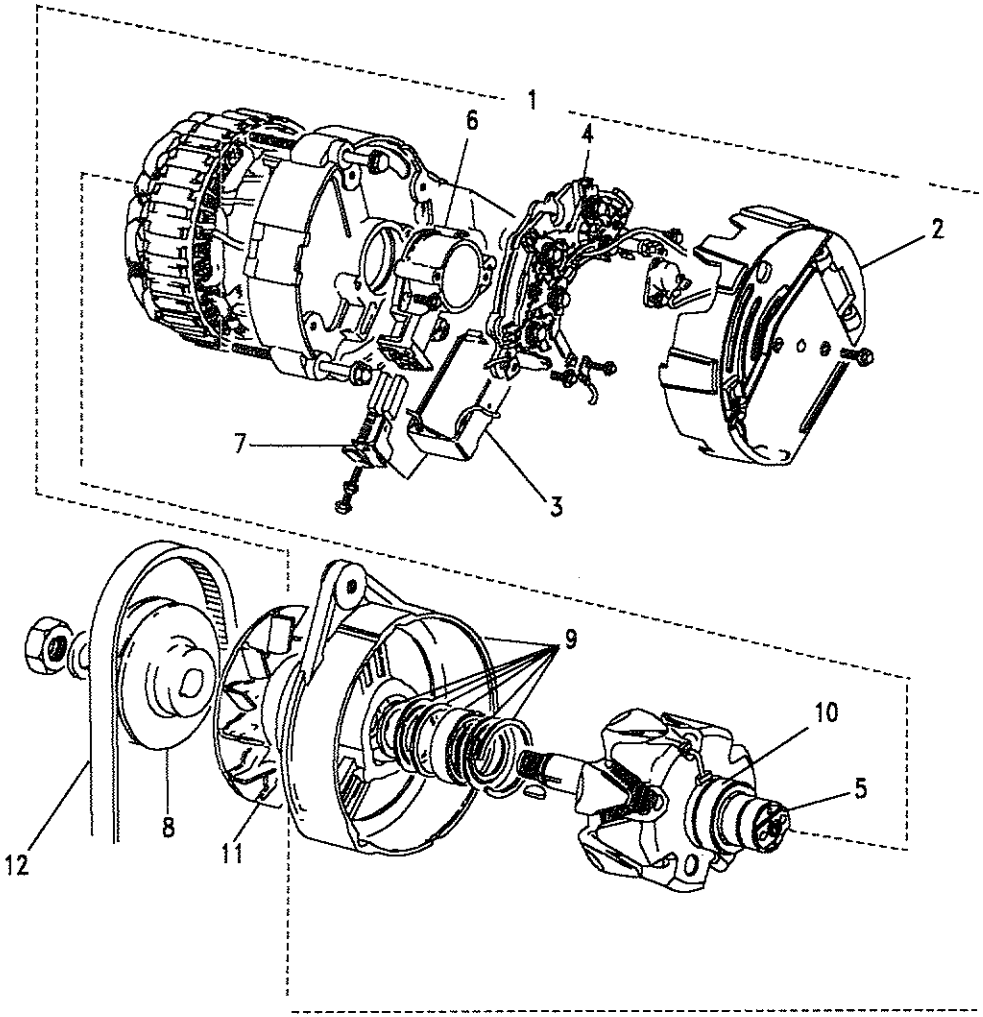
Note(1) LUCAS number 42618
Note(2) Sliding contact-replace at 24000 miles(40000 KMS) or 2 years
Note(3) Fixed contact type-replace at 12000 miles(20000 KMS) or 1 year

**Model** DEFENDER 90
**Page** ADBFPA2A

## ENGINE - IGNITION COIL - 2.5 PETROL




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC9858 | Coil ignition | 1 | |
| 2 | AB614061L | Screw | 2 | |
| 3 | WJ106007 | Washer plain | 2 | |

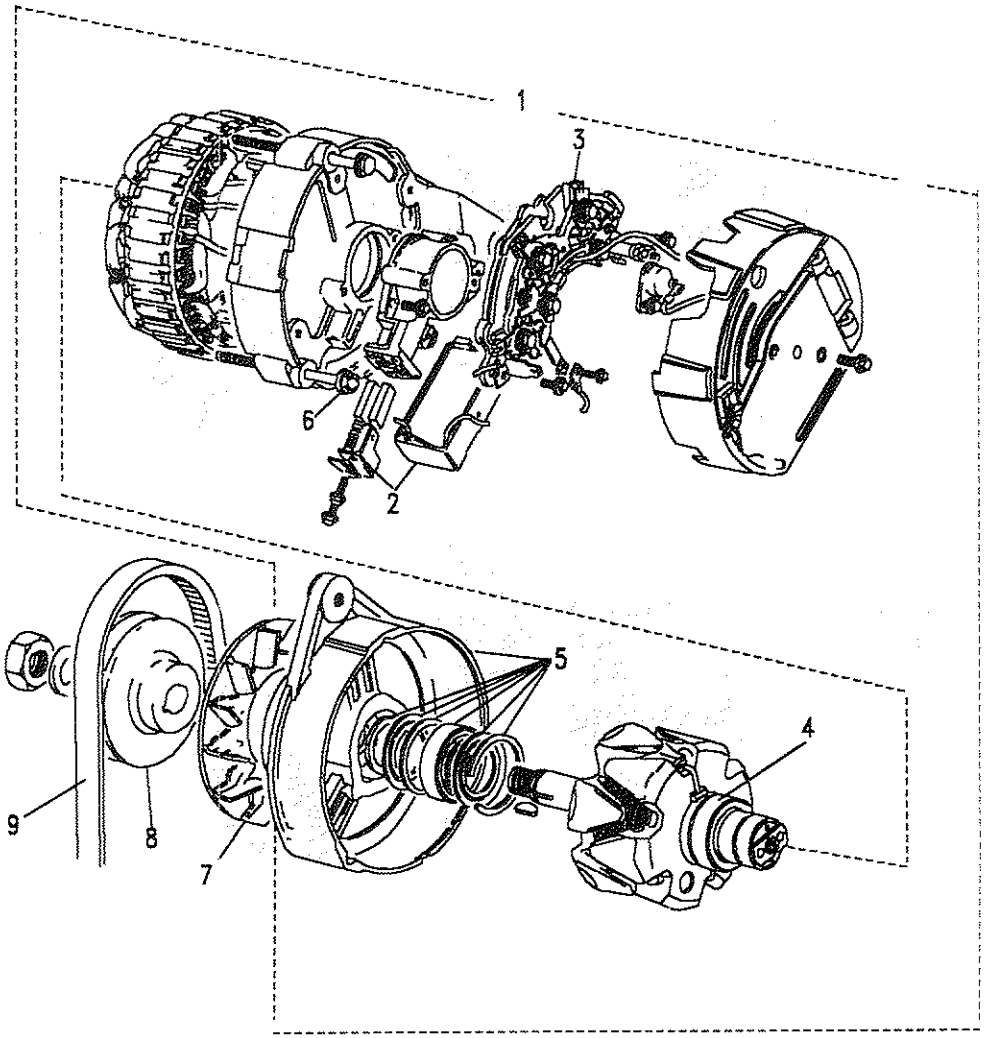



**Model** DEFENDER 90
**Page** ADBFPC1A

## ENGINE - ALTERNATOR - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5083E | Alternator A115/45 AMP | 1 | Note(1) |
| 2 | AEU2507 | Cover | 1 | |
| 3 | AEU3076 | Regulator | 1 | |
| 4 | BAU1825 | Rectifier | 1 | |
| 5 | BAU2193 | Slip ring | 1 | |
| 6 | BAU2195 | Brush box | 1 | |
| 7 | RTC3215 | Brush set | 1 | |
| 8 | 568788 | Pulley | 1 | |
| 9 | 18G8619L | Kit-bearing-drive end | 1 | |
| 10 | AEU1532 | Kit-slip ring and bearing | 1 | |
| 11 | C37222L | Fan | 1 | |
| 12 | ETC7939 | Belt-fan | 1 | |
| | AEU1706 | Kit-screws | 1 | |
| | AEU1710 | Kit-sundry parts | 1 | |
| | AEU1942 | Kit-spacer | 1 | |

Note(1) LUCAS number LRA356

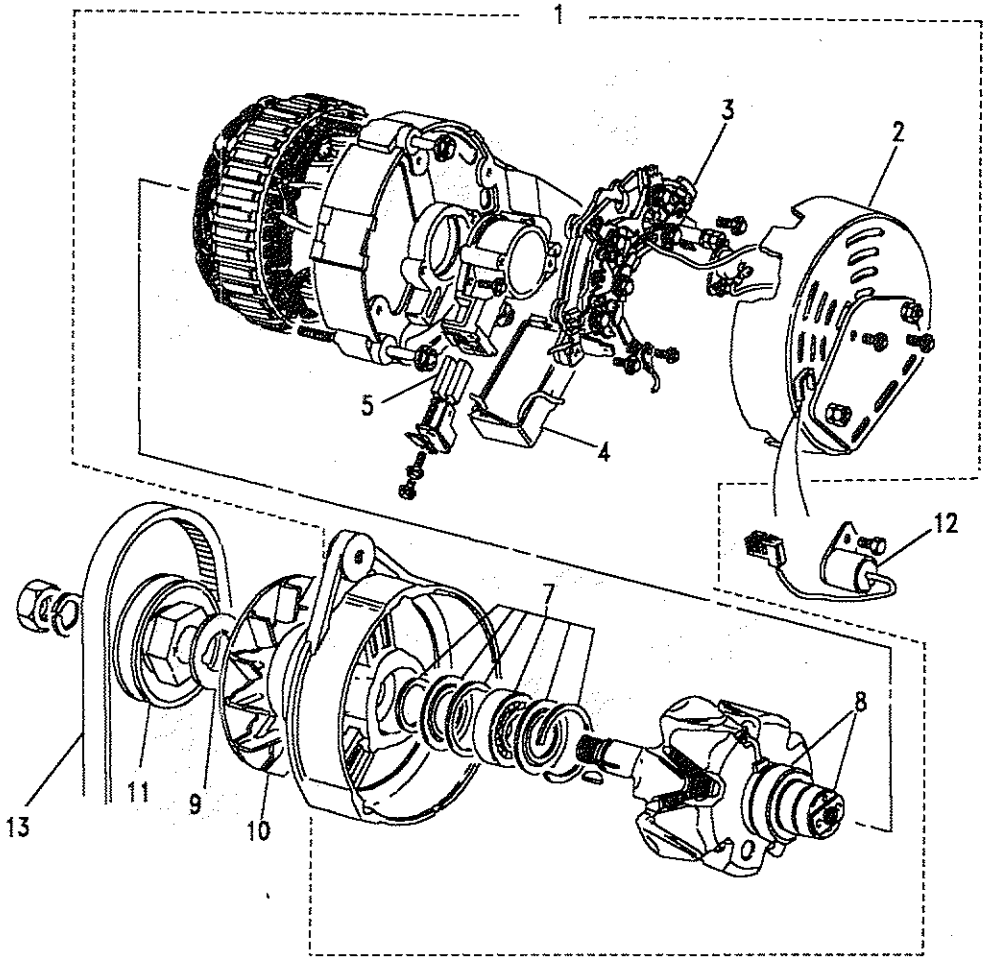



**Model** DEFENDER 90
**Page** ADBFPC2A

**ENGINE - ALTERNATOR - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5682N | Alternator A127/45AMP | 1 | Note(1) |
| | RTC5682E | Alternator A127/45AMP | 1 | |
| 2 | RTC5670 | Regulator/brush box | 1 | |
| 3 | RTC5684 | Rectifier | 1 | |
| 4 | RTC5926 | Bearing-slip ring end | 1 | |
| 5 | RTC5687 | Bracket & bearing-drive | 1 | |
| 6 | RTC5925 | Kit-through bolts | 1 | |
| 7 | RTC5685 | Fan | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ETC7939 | Belt-fan | 1 | |
| | RTC5689 | Spacer-pulley | 1 | |

Note(1) LUCAS number 24199

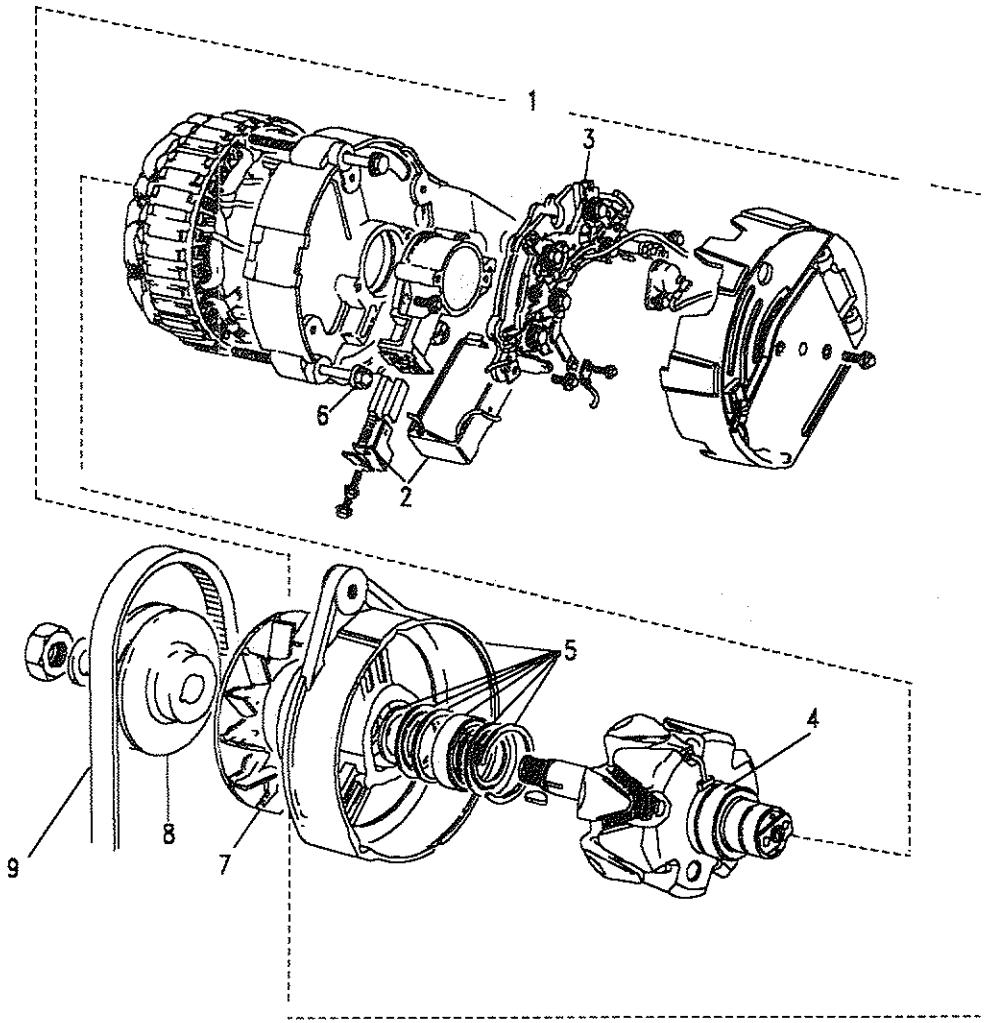



**Model** DEFENDER 90
**Page** ADBFPC3A

**ENGINE - ALTERNATOR - 2.5 PETROL - AIR CON**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5218E | Alternator A133/65 AMP | 1 | Note(1) |
| 2 | AEU1725 | Cover | 1 | |
| 3 | AEU1915 | Regulator | 1 | |
| 4 | AEU1527 | Rectifier | 1 | |
| 5 | RTC3292 | Brush set | 1 | |
| 6 | STC130 | Surge protection device | 1 | |
| 7 | AEU1726 | Kit bearing-drive end | 1 | |
| 8 | AEU1532 | Kit bearing-slip ring end | 1 | |
| 9 | AEU1710 | Kit-sundry parts | 1 | |
| | ERC8987 | Nut-special | 1 | |
| 10 | DU4928L | Fan | 1 | |
| 11 | ERC8986 | Pulley | 1 | |
| 12 | AEU1616 | Capacitor suppression | 1 | |
| 13 | ETC7939 | Belt-fan | 1 | |
| | AEU1706 | Kit-screw | 1 | |
| | AEU1708 | Kit-spacer | 1 | |
| | AEU1709 | Kit-terminal | 1 | |

Note(1) LUCAS number LRA406

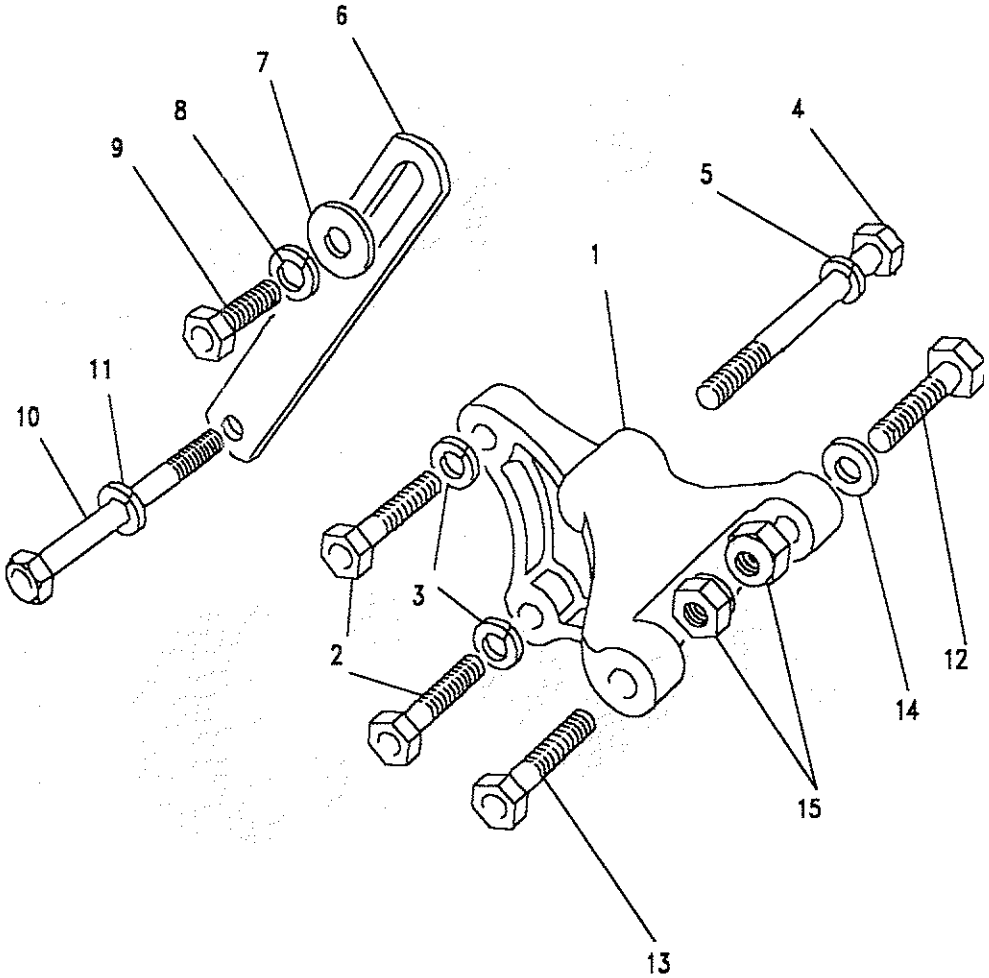



**Model** DEFENDER 90
**Page** ADBFPC4A

**ENGINE - ALTERNATOR - 2.5 PETROL - AIR CON**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5680N | Alternator A127/65AMP | 1 | Note(1) |
| | RTC5680E | Alternator A127/65AMP | 1 | |
| 2 | RTC5670 | Regulator & brush box | 1 | |
| 3 | RTC5671 | Rectifier | 1 | |
| 4 | RTC5926 | Bearing-slip ring end | 1 | |
| 5 | RTC5687 | Bracket & bearing-drive | 1 | |
| 6 | RTC5925 | Kit-through bolts | 1 | |
| 7 | AAU2249L | Fan alternator | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ETC7939 | Belt-fan | 1 | |
| | RTC5689 | Spacer-pulley | 1 | |

Note(1) LUCAS number 24220

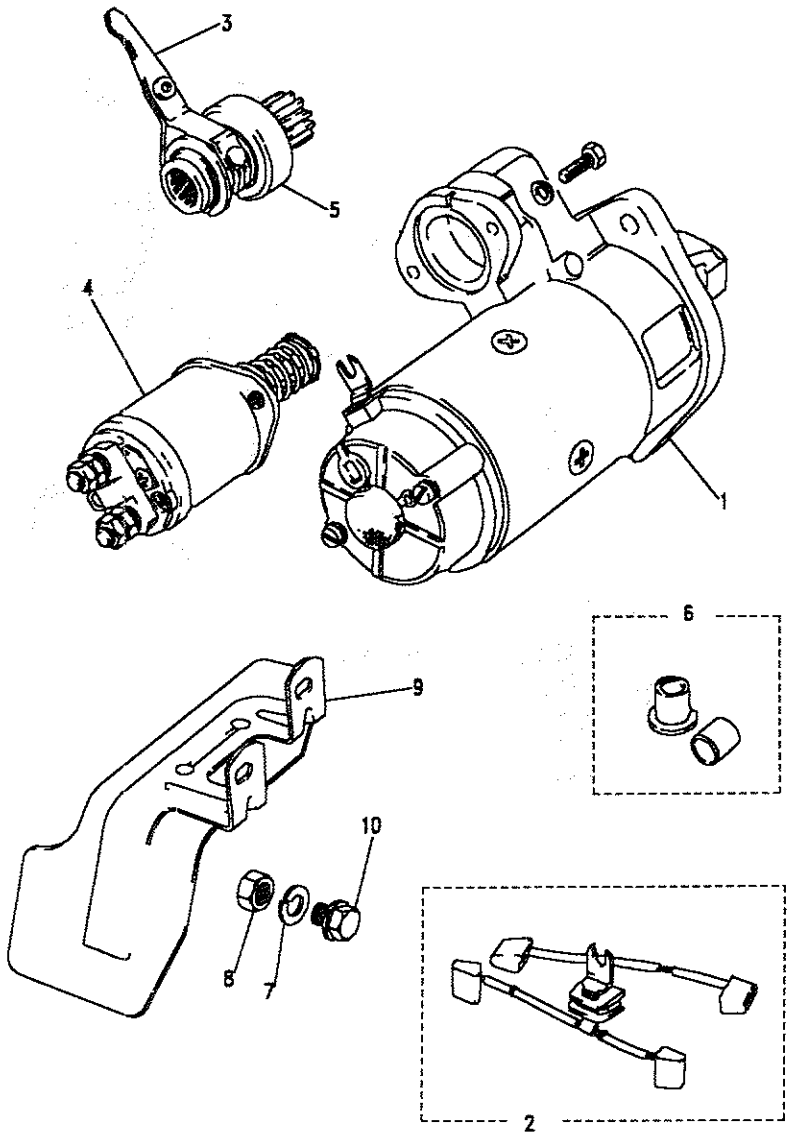



**Model** DEFENDER 90
**Page** ADBFPC5A

## ENGINE - ALTERNATOR FIXINGS - 2.5 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4357 | Bracket-alternator | 1 | |
| 2 | SH108301L | Screw-bracket to block | 2 | |
| 3 | WL108001L | Washer spring | 2 | |
| 4 | BH108161L | Bolt-bracket to block | 1 | |
| 5 | WL108001L | Washer spring | 1 | |
| 6 | ERC5139 | Link adjusting | 1 | Note(1) |
| | ERC6266 | Link adjusting | 1 | Note(2) |
| 7 | 2266L | Washer-link to alternator | 1 | |
| 8 | WL108001L | Washer spring | 1 | |
| 9 | SH108251L | Screw-link to alternator | 1 | |
| 10 | BH108201L | Bolt-link to block | 1 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | FB108081L | Bolt | 1 | |
| 13 | BH108091L | Bolt | 1 | |
| 14 | WC108051L | Washer | 1 | |
| 15 | NY108041L | Nut nyloc | 2 | |

Note(1) Use with A115 & A133 type alternator
Note(2) Use with A127 type alternator

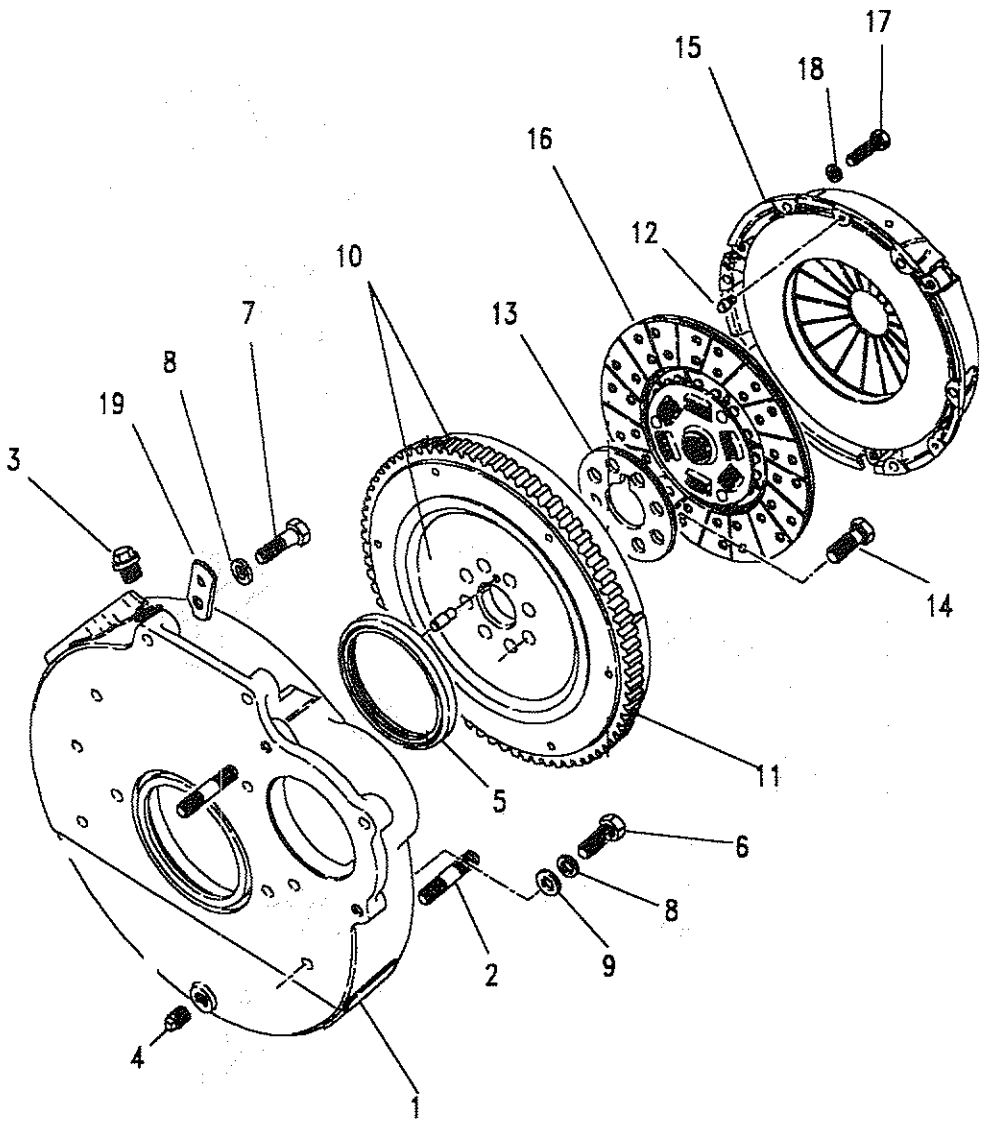



**Model** DEFENDER 90
**Page** ADBFPE1A

**ENGINE - STARTER MOTOR - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC6613N | Starter motor-M78R | 1 | Note(3) |
| | PRC6613E | Starter motor-EXCHANGE | 1 | |
| | NAD10040 | Starter motor-Bosch | 1 | From17H26368C |
| 2 | RTC5967 | kit brush | 1 | ) |
| 3 | 520455 | Pin pivot | 1 | )Note(1) |
| 4 | STC1519 | Solenoid | 1 | ) |
| 5 | AEU2502 | Drive assembly | 1 | ) |
| 2 | RTC5048 | Kit brush | 1 | ) |
| 4 | RTC5049 | Solenoid | 1 | )Note(2) |
| | STC742 | Drive assembly | 1 | ) |
| 6 | 608352 | Kit-bush | 1 | Note(1) |
| | RTC5563 | Kit-bush | 1 | Note(2) |
| 7 | WL110001L | Washer spring | 2 | |
| 8 | NH110041L | Nut | 2 | |
| 9 | ETC4133 | Heatshield assembly | 1 | |
| 10 | ERC8722 | Bolt-shield to exh/man | 2 | |
| | 608395 | Kit-retention | 1 | |
| | 90608178 | Kit-sundry parts | 1 | Note(1) |
| | RTC5577 | Kit-sundry parts | 1 | Note(2) |

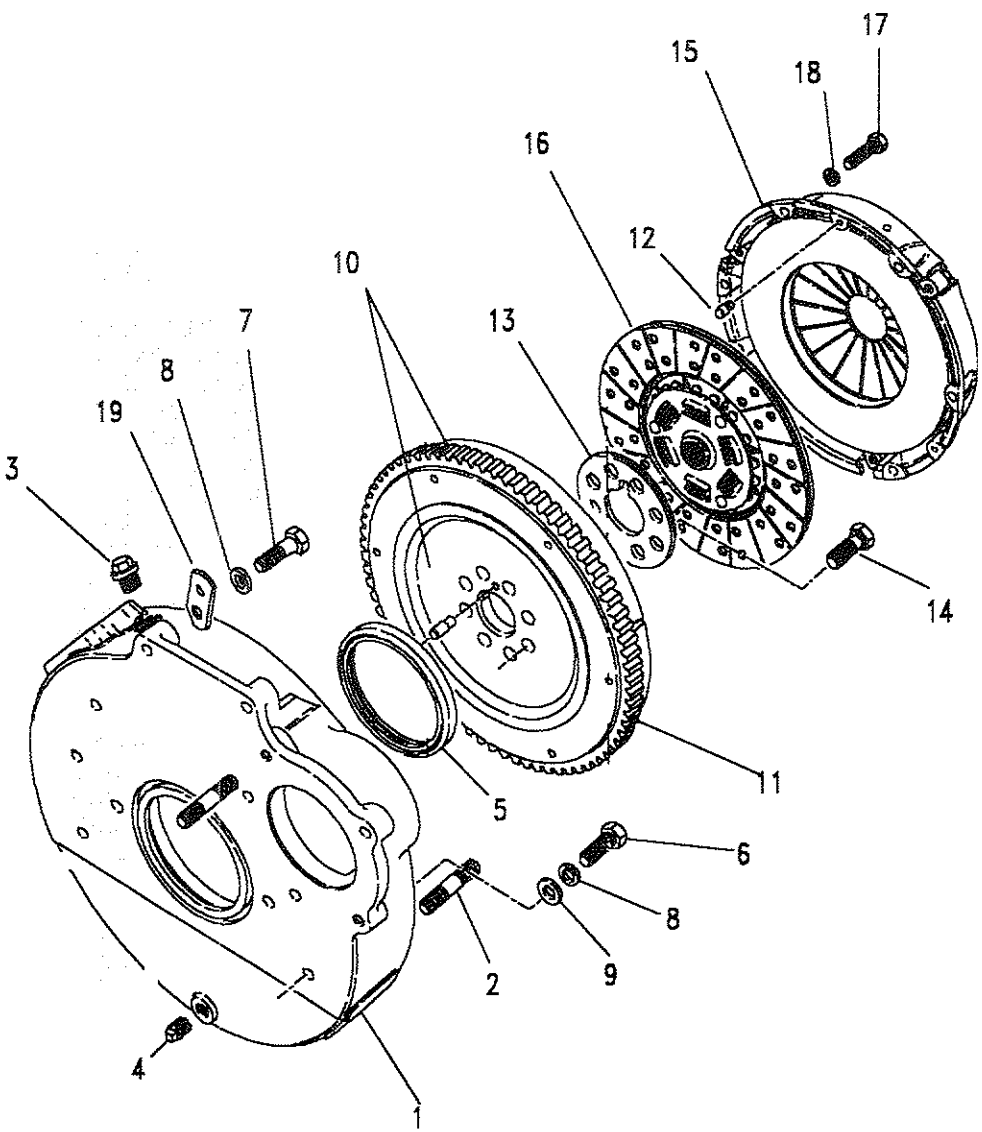
Note(1) Use with 2M100 type starter motor
Note(2) Use with M78R type starter motor
Note(3) M78R type starter motor replaces 2M100 type.Fitted up to engine 17H26367C.




**Model** DEFENDER 90
**Page** ADBFRA1A

**ENGINE - FLYWHEEL - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6394 | Housing flywheel assembly | 1 | |
| 2 | TE110061L | Stud-bell housing | 13 | |
| 3 | ERC7295 | Plug | 1 | |
| | NH110041L | Nut | 11 | |
| 4 | ERC7295 | Plug drain-fly/hsg | 1 | |
| 5 | ERR1535 | Seal oil main | 1 | Upto17H22797C |
| | ERR2532 | Seal oil main | 1 | From17H22798C |
| 6 | SH110301L | Bolt | 6 | |
| 7 | BX110071 | Bolt | 2 | |
| 8 | WL110001L | Washer spring | 2 | |
| 9 | WA110061L | Washer plain | 6 | |
| 10 | ERC6408 | Flywheel starter ring | 1 | |
| 11 | ERC5293 | Ring starter | 1 | |
| 12 | 502116 | Dowel-clutch | 3 | |
| 13 | ERC4658 | Plate reinforcement | 1 | Note(1) |
| 14 | ERC6551 | Bolt-Fly/crankshaft | 8 | Note(1) |
| | ERR4574 | Bolt flywheel | 8 | |




**Model** DEFENDER 90
**Page** ADBFRA1A

**ENGINE - FLYWHEEL - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 15 | 576557 | Cover clutch | 1 | |
| 16 | FRC2671 | Plate clutch | 1 | |
| | FTC159 | Plate clutch-asb/free | 1 | UptoJAN1993 |
| | FTC3196 | Plate clutch-asb/free | 1 | FromJAN1993 |
| | STC8359 | Kit clutch | 1 | |
| | FTC159 | Plate | 1 | |
| | 576557 | Cover | 1 | |
| | FRC9568 | Bearing | 1 | |
| 17 | SX108201L | Bolt set | 6 | |
| 18 | WL108001L | Washer spring | 6 | |
| 19 | ERC9404 | Bracket-clip to housing | 2 | |
| | AFU1090L | Clip | 2 | |

Note(1) Only fitted up to Dec 93. The reinforcing plate was found to serve no useful purpose. If replacing use shorter screws ERR4574

## MASTER INDEX

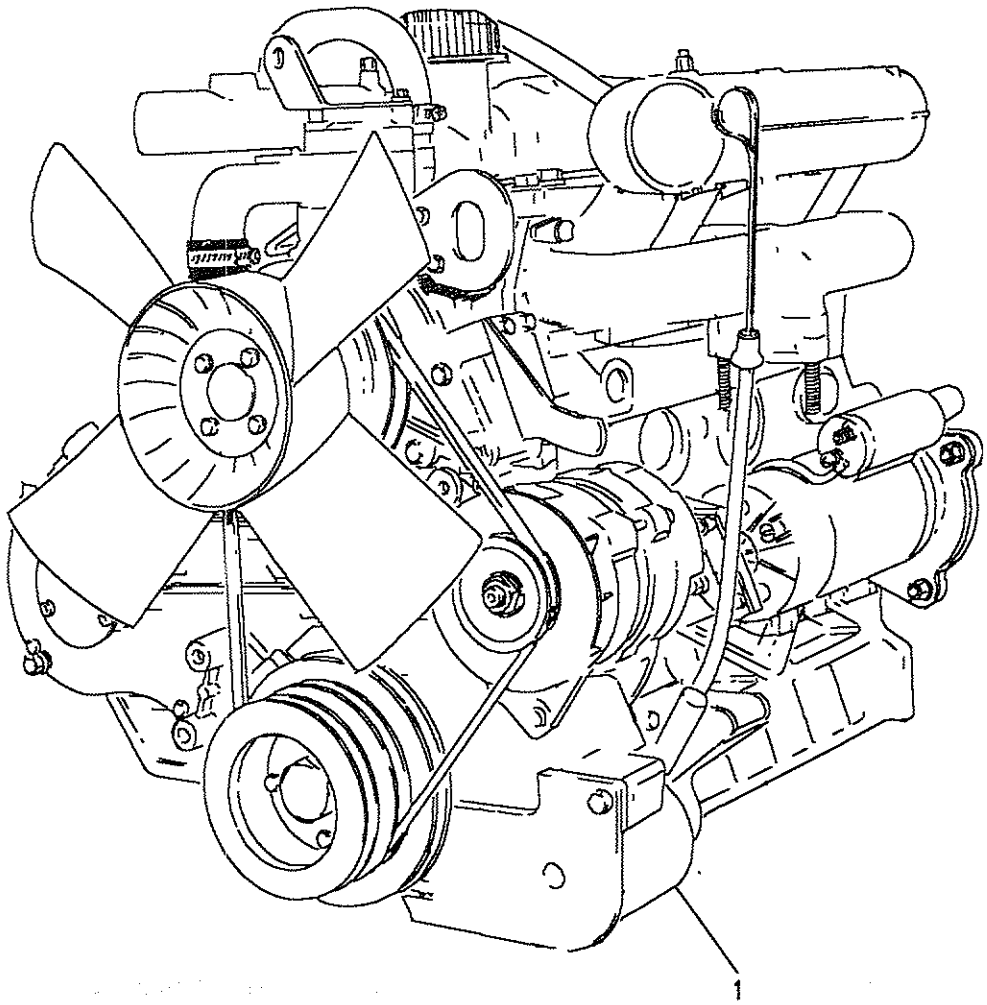

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GROUP B

ENGINE


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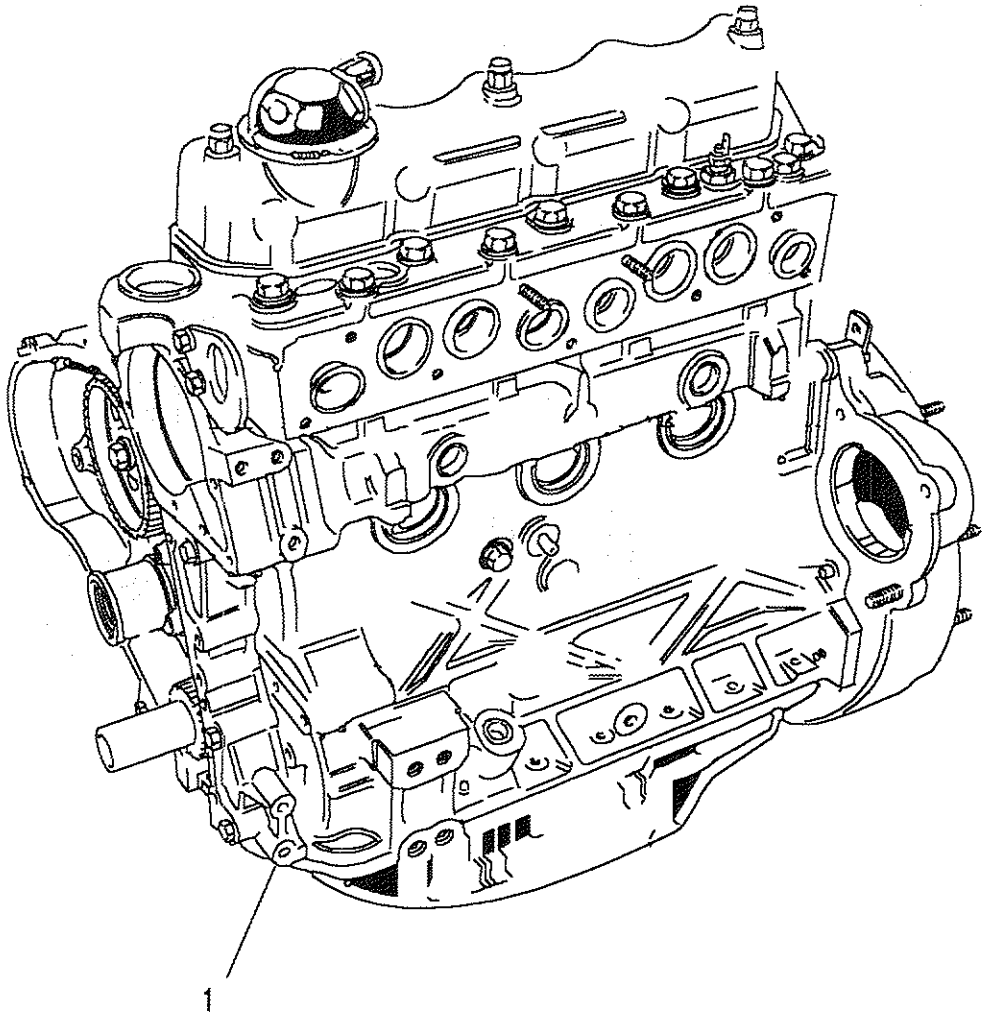



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**Page** ADBGAA1A

## ENGINE - ENGINE COMPLETE - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC1257 | Engine complete assembly | 1 | 12J000001C ) |

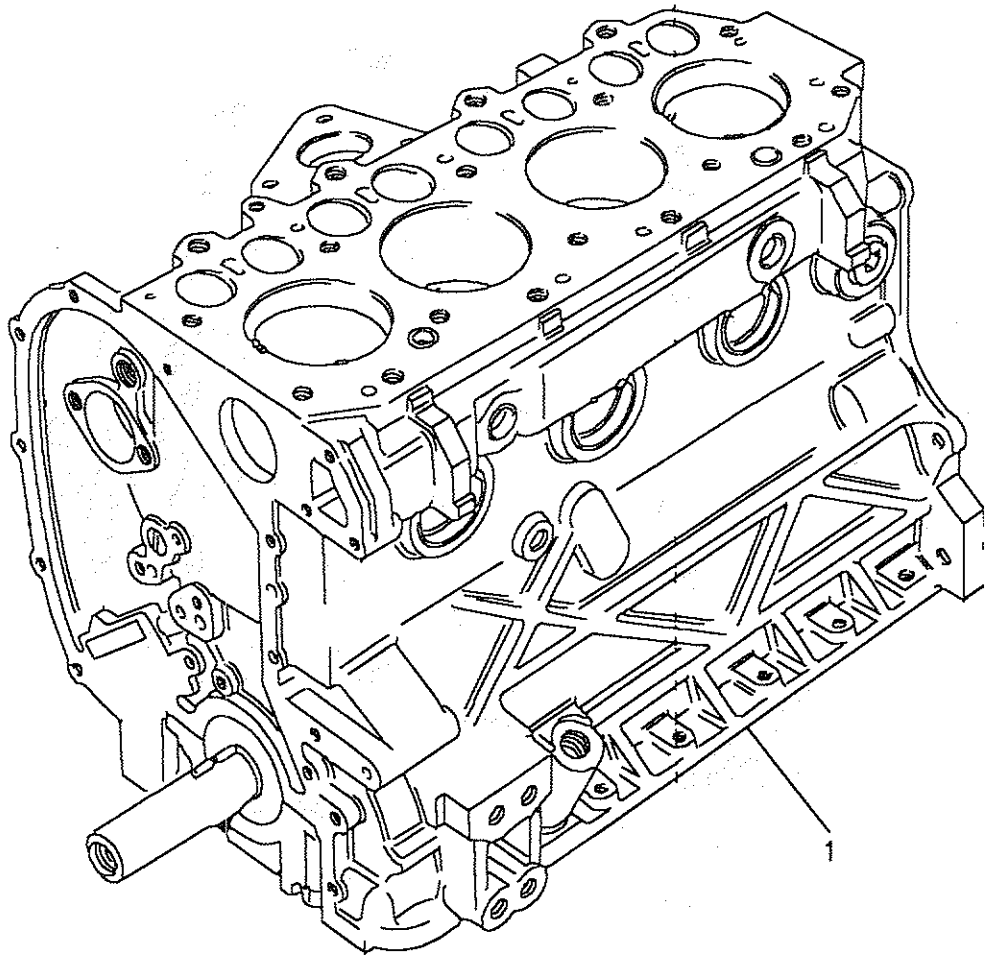
Note(1) Engine fitted with 65 amp alternator. If replacing an engine fitted with a 45 amp alternator also fit new harness PRC6082, if the vehicle is fitted with air conditioning the new harness is PRC6081




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**ENGINE - ENGINE STRIPPED - 2.5 DIESEL**

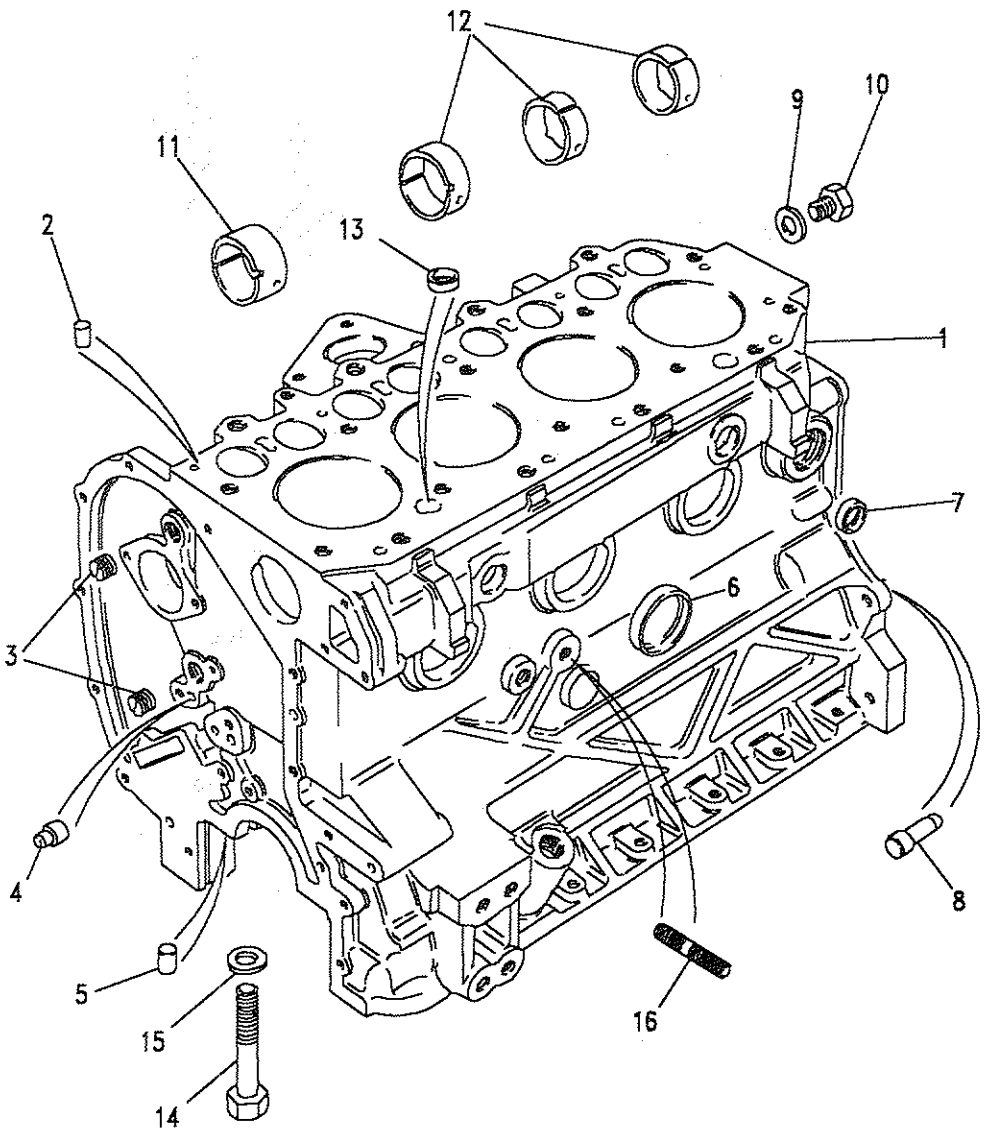
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6801N | Engine stripped assy | 1 | |
| | RTC4059E | Engine stripped-exchange | 1 | Upto12J43824C |
| | RTC6801R | Engine stripped-recon | 1 | From12J43825C |




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**Page** ADBGAE1A

**ENGINE - ENGINE SHORT - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6794 | Engine short assembly | 1 | |

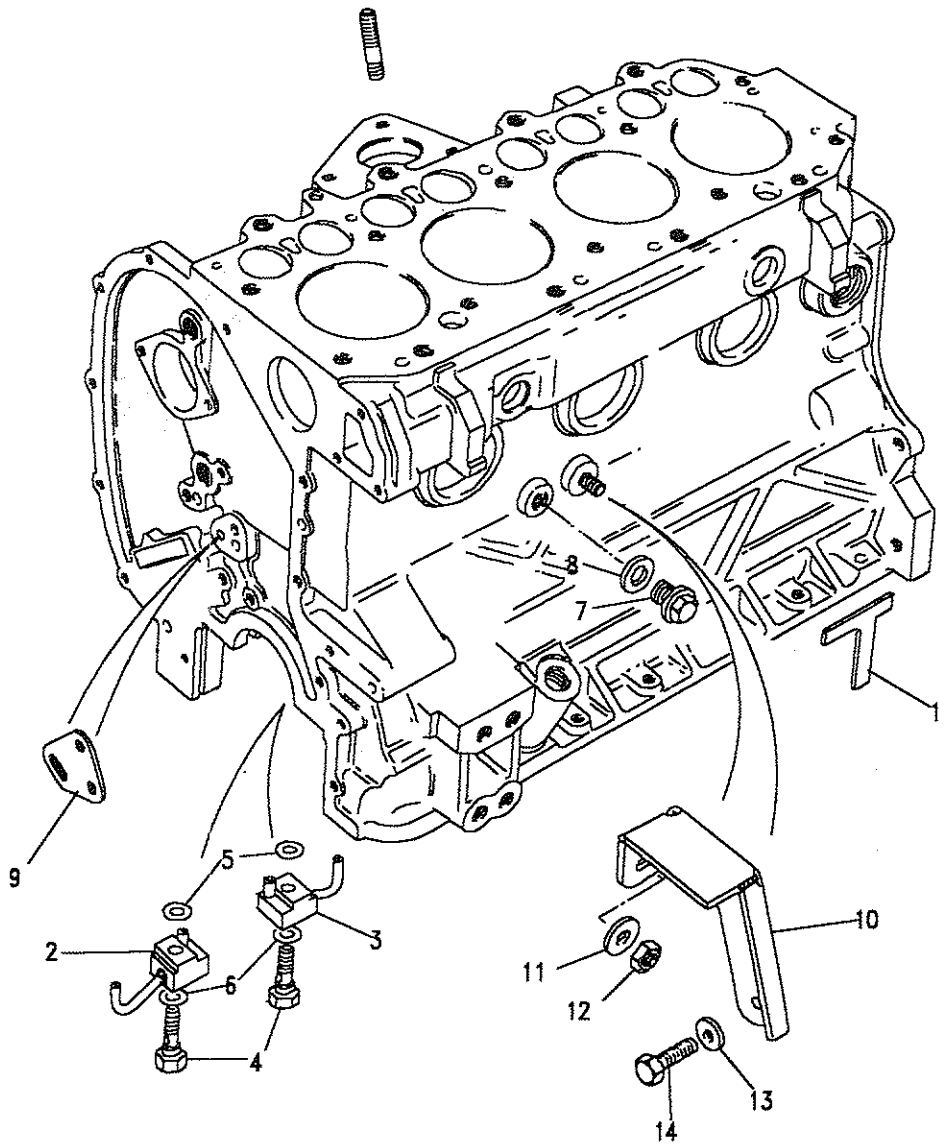



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**ENGINE - CYLINDER BLOCK - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2991 | Cylinder block assembly | 1 | Note(1) |
| 2 | 247965 | Plug-tappet feed hole | 1 | |
| 3 | 247127 | Plug-oil gallery-front | 2 | |
| 4 | ETC4529 | Cup plug-ft face | 1 | |
| 5 | 501593 | Dowel - bearing caps | 10 | |
| 6 | ERC4996 | Cup plug-side/ends | 6 | |
| 7 | 597586 | Cup plug-water rail/ends | 3 | |
| 8 | ERC4644 | Dowel-flywheel housing | 2 | |
| 9 | 243959 | Washer joint-gallery pip | 1 | |
| 10 | 536577 | Plug-gallery pipe rear | 2 | |
| 11 | 90519054 | Bearing-camshaft front | 1 | |
| 12 | 90519055 | Bearing camshaft | 3 | |
| 13 | ERC4995 | Cup plug-top | 2 | |
| 14 | 247755 | Bolt-main bearing cap | 10 | |
| | ETC7596 | Bolt flanged head | 10 | |
| 15 | 504006 | Washer-main bearing cap | 10 | |
| | ERR5034 | Plug-camshaft oil feed | 3 | |
| 16 | TE108031L | Stud-M8 X 15 | 1 | |

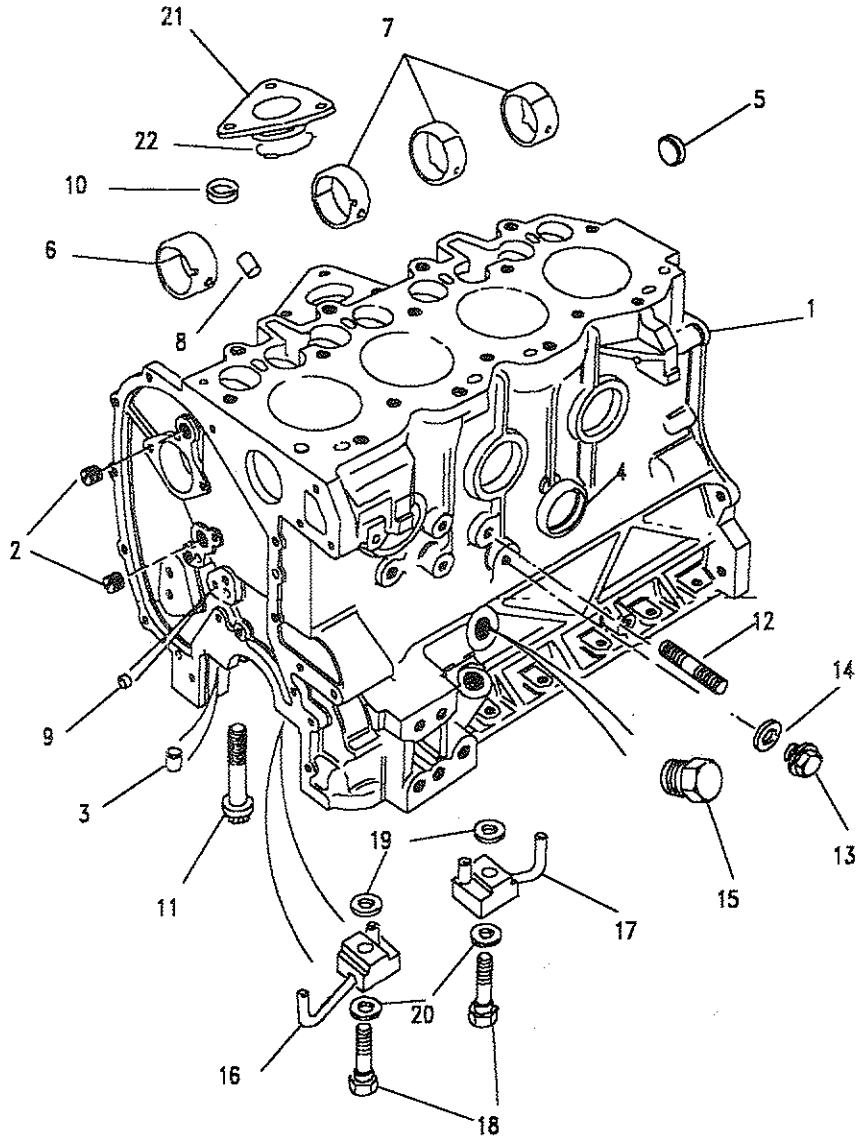
Note(1) This block used up to 12J43824C page 125




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**Page** ADBGBA2A

## ENGINE - CYLINDER BLOCK - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC5086 | Strip packing | 2 | |
| 2 | ETC6531 | Jet assembly No1&No3 cyl | 2 | |
| 3 | ETC6532 | Jet assembly No2&No4 cyl | 2 | |
| 4 | ETC5592 | Valve relief | 4 | |
| 5 | AFU1879L | Washer joint | 4 | |
| 6 | AFU1887L | Washer joint | 4 | |
| 7 | ERC9410 | Plug-drain | 1 | |
| 8 | AFU1882L | Washer joint-drain plug | 1 | |
| 9 | ERC8864 | Gasket | 1 | |
| 10 | ETC4697 | Bracket-starter support | 1 | |
| 11 | WC108051L | Washer plain-M8 | 1 | |
| 12 | NH108041L | Nut-M8 | 1 | |
| 13 | WA106041L | Washer plain-M6 | 2 | |
| 14 | FS106167 | Screw-M6 X 16mm | 2 | |

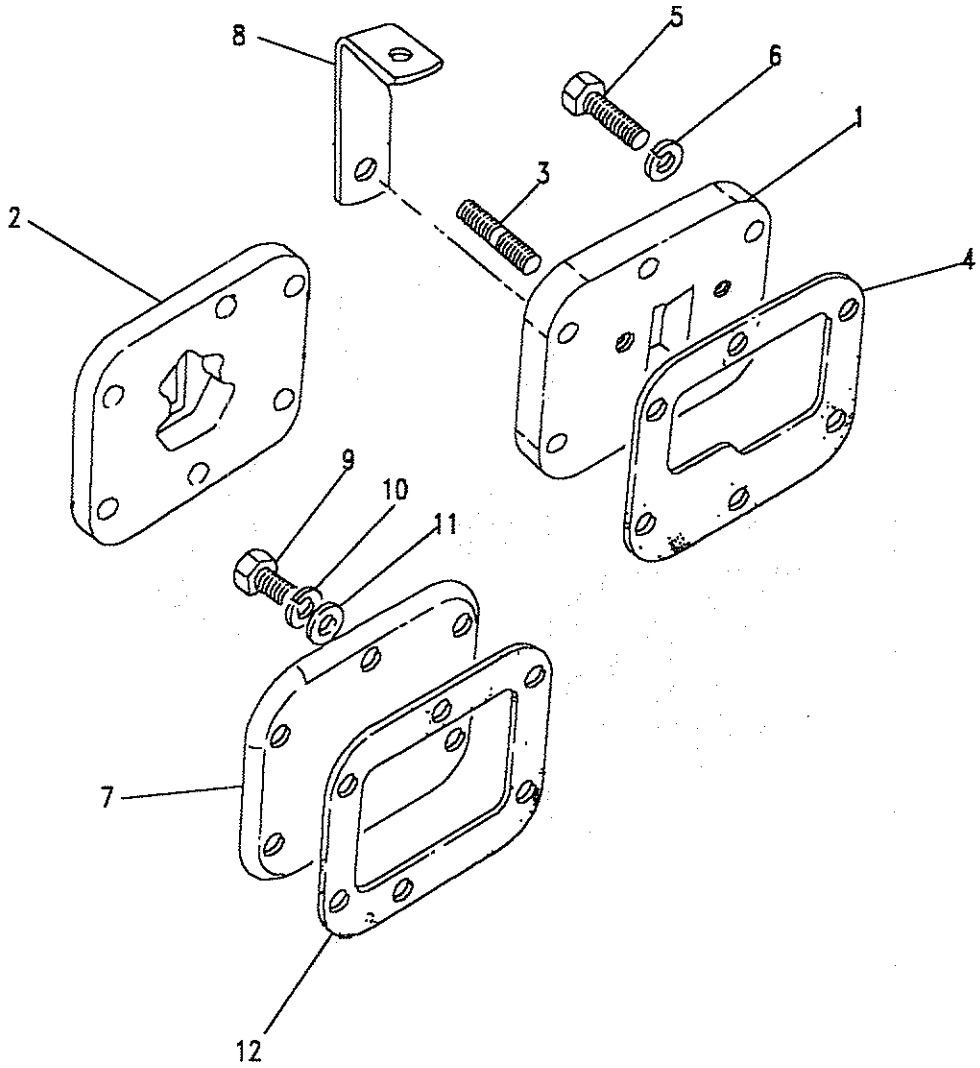



**Model** DEFENDER 90
**Page** ADBGBA3A

**ENGINE - CYLINDER BLOCK - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR478 | Cylinder Block Assembly | 1 | Note(1) |
| 2 | 247127 | Plug-oil gallery | 2 | |
| 3 | 501593 | Dowel-bearing caps | 10 | |
| 4 | ERC4996 | Cup plug-sides/ends | 6 | |
| 5 | 597586 | Cup plug-water rail ends | 3 | |
| 6 | ETC8442 | Bearing-camshaft front | 1 | |
| 7 | 90519055 | Bearing-camshaft | 3 | |
| 8 | ERR5034 | Plug camshaft oil feed | 3 | |
| 9 | ETC4529 | Cup plug | 1 | |
| 10 | ERC4995 | Cup plug | 2 | |
| 11 | ETC8074 | Bolt-main bearing cap | 10 | |
| 12 | TE108031L | Stud-starter motor | 1 | |
| 13 | ETC5577 | Plug drain | 1 | |
| 14 | 213961 | Washer joint | 1 | |
| 15 | ETC8362 | Plug-turbo drain | 1 | |
| 16 | ETC6531 | Jet assembly No1&No3 cyl | 2 | |
| 17 | ETC6532 | Jet assembly No2&No4 cyl | 2 | |
| 18 | ETC5592 | Valve relief assembly | 4 | |
| 19 | AFU1879L | Washer joint-oil squirt | 4 | |
| 20 | AFU1887L | Washer joint-oil squirt | 4 | |
| 21 | ERR586 | Adaptor-cylinder block | 1 | |
| 22 | ERR531 | O ring-adaptor | 1 | |
| | ERC9188 | Liner cylinder | 4 | |

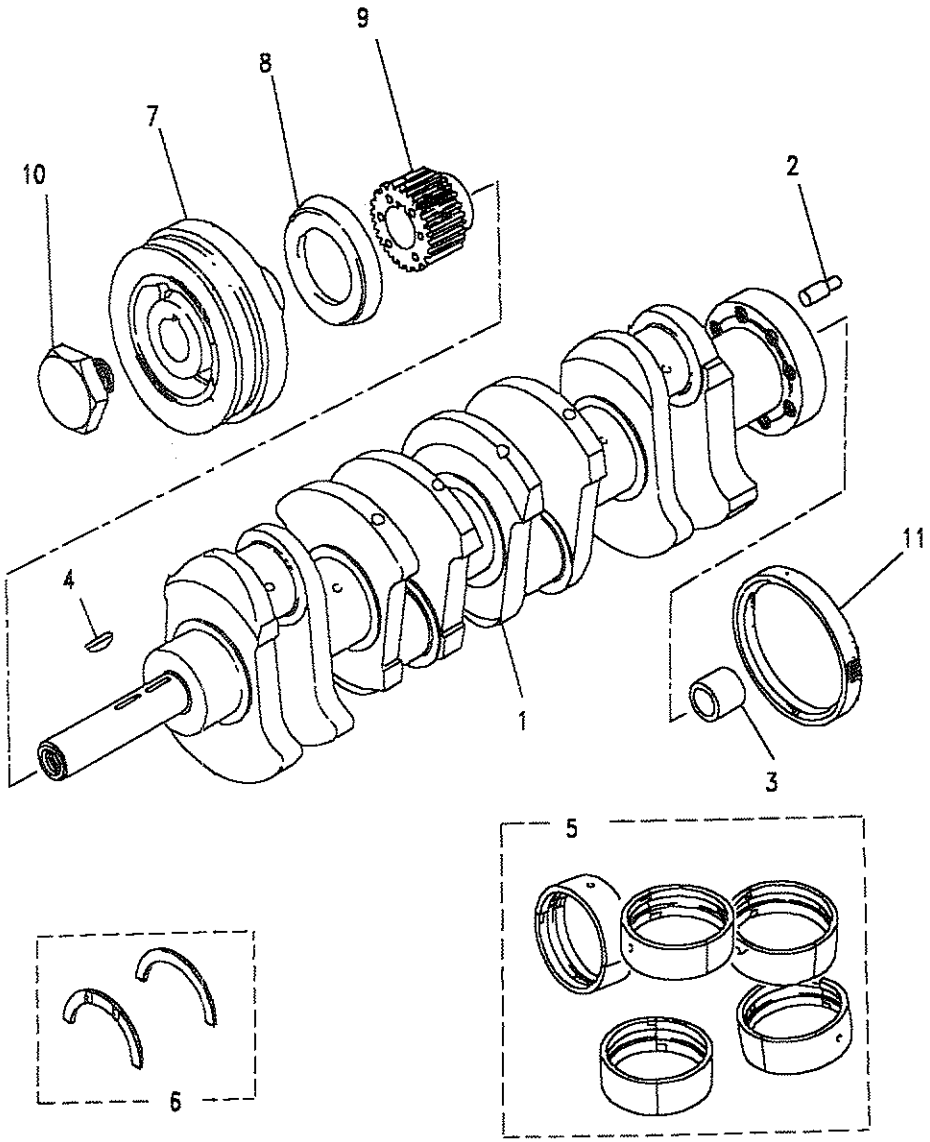
Note(1) This block used from 12J43825C page 123




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**Page** ADBGBC1A

## ENGINE - SIDE COVER - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9073 | Plate cover | 1 | Upto12J39054C |
| 2 | ETC7929 | Plate cover | 1 | From12J39055C |
| 3 | TE108041L | Stud | 2 | Upto12J39054C |
| 4 | ERR1475 | Washer joint | 1 | |
| 5 | SH108251L | Screw-cover to block | 6 | |
| 6 | WL108001L | Washer spring | 6 | |
| 7 | 541010 | Cover side | 1 | |
| 8 | ERC9480 | Bracket-harness clip | 1 | |
| 9 | FS108201L | Screw | 3 | |
| | SH108251L | Screw | 3 | |
| 10 | WA108051L | Washer plain | 3 | |
| 11 | WL108001L | Washer spring | 6 | |
| 12 | 247555 | Gasket-side cover | 1 | |
| | ERR3605 | Gasket side cover engine | 1 | Asbestos free |

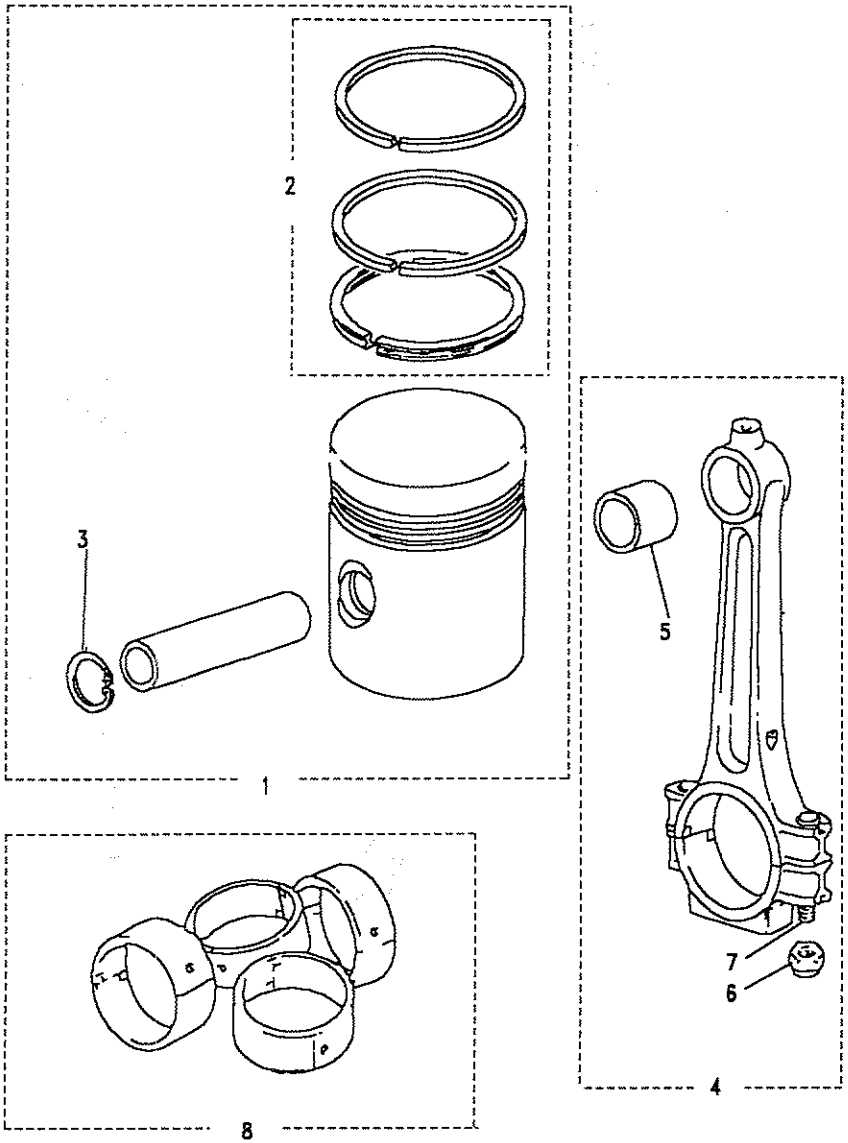



**Model** DEFENDER 90
**Page** ADBGCA1A

## ENGINE - CRANKSHAFT - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC8829 | Crankshaft | 1 | UptoAUG1989 |
| | ERR1181 | Crankshaft | 1 | FromAUG1989 |
| 2 | ERR1630 | Dowel | 1 | |
| 3 | 8566L | Bush | 1 | |
| 4 | 235770 | Key | 2 | |
| 5 | RTC2992 | Kit main bearing-std | 1 | )Upto12J43824C |
| | RTC299210 | Kit main bearing-010" | 1 | ) |
| | RTC4783 | Kit main bearing-std | 1 | )From12J43825C |
| | RTC478310 | Kit main bearing-010" | 1 | ) |
| 6 | | KIT-THRUST WASHER-PAIRS | | |
| | RTC2825 | Standard | A/R | |
| | 538131 | 0.0025" o/S | A/R | |
| | 538132 | 0.005" o/S | A/R | |
| | 538134 | 0.010" o/S | A/R | |
| 7 | ETC4077 | Damper & pulley assy | 1 | BASIC |
| | ETC4105 | Damper vibration | 1 | Note(1) |
| | ERC6860 | Pulley AIR CON | 1 | |
| | ERC6859 | Pulley AIR CON/P.A.S. | 1 | |
| | ERC6861 | Pulley P.A.S. | 1 | |
| | SH108251L | Screw | 4 | |
| | WL108001L | Washer spring | 4 | |
| 8 | ETC4390 | Flinger-T.V. damper | 1 | |
| 9 | ERC9765 | Pulley-crankshaft | 1 | |
| 10 | ETC7934 | Bolt | 1 | |
| | ERR605 | Bolt-crankshaft | 1 | )FromAUG1989 |
| | ERR705 | Washer thrust-crankshaft | 1 | ) |
| 11 | ERR1535 | Seal oil | 1 | |

Note(1) Use with appropriate pulley when AIR CON or P.A.S.is fitted

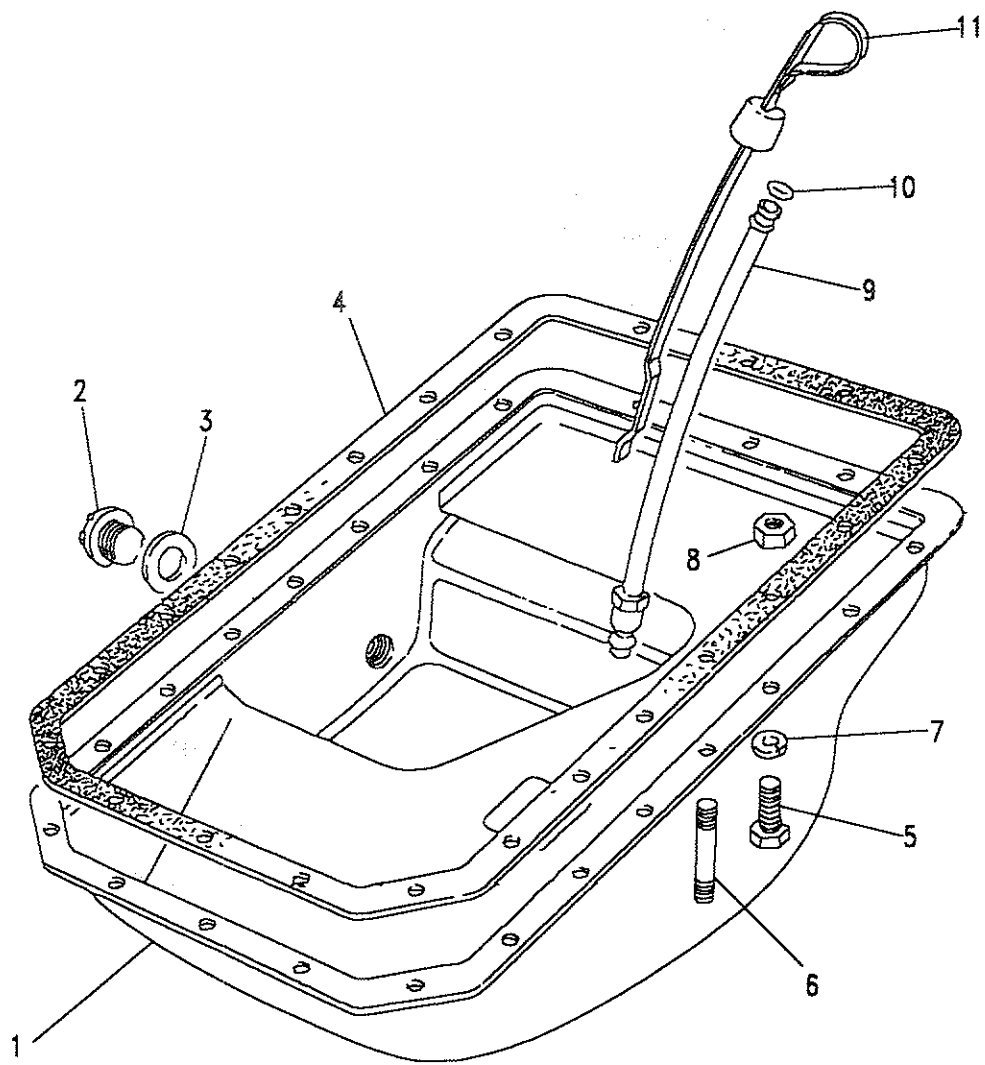



**Model** DEFENDER 90
**Page** ADBGCC1A

## ENGINE - PISTONS - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6442S | Piston assembly standard | 4 | )Note(1) |
| | RTC644220 | Piston assy 0.020" o/s | 4 | ) |
| 2 | RTC3053S | Kit piston rings std | 4 | ) |
| | RTC305320 | Kit piston rings 0.020" | 4 | )Note(2) |
| | RTC305340 | Kit piston rings 0.040" | 4 | ) |
| | RTC4778S | Kit piston rings std | 4 | )Note(3) |
| | RTC477820 | Kit piston rings 0.020" | 4 | ) |
| 3 | 266945 | Circlip | 8 | |
| 4 | ERR593 | Con rod assembly | 4 | |
| 5 | 247583 | Bush-gudgeon pin | 4 | |
| 6 | ETC8191 | Nut conn rod | 8 | |
| 7 | ETC7357 | Bolt-con rod | 8 | |
| **Con Rod Bearing: Engine Set** | | | | |
| 8 | RTC2993 | Bearing set big end | 1 | |
| | RTC299310 | Bearing set big end | 1 | 0.010 o/s |
| | ERC9188 | Liner-cylinder | 4 | |

Note(1) Pistons are HEPWORTH/GRANDIDGE
Note(2) RTC3053 only to be used on GKN pistons
Note(3) RTC4778 only to be used on HEPWORTH/GRANDIDGE pistons

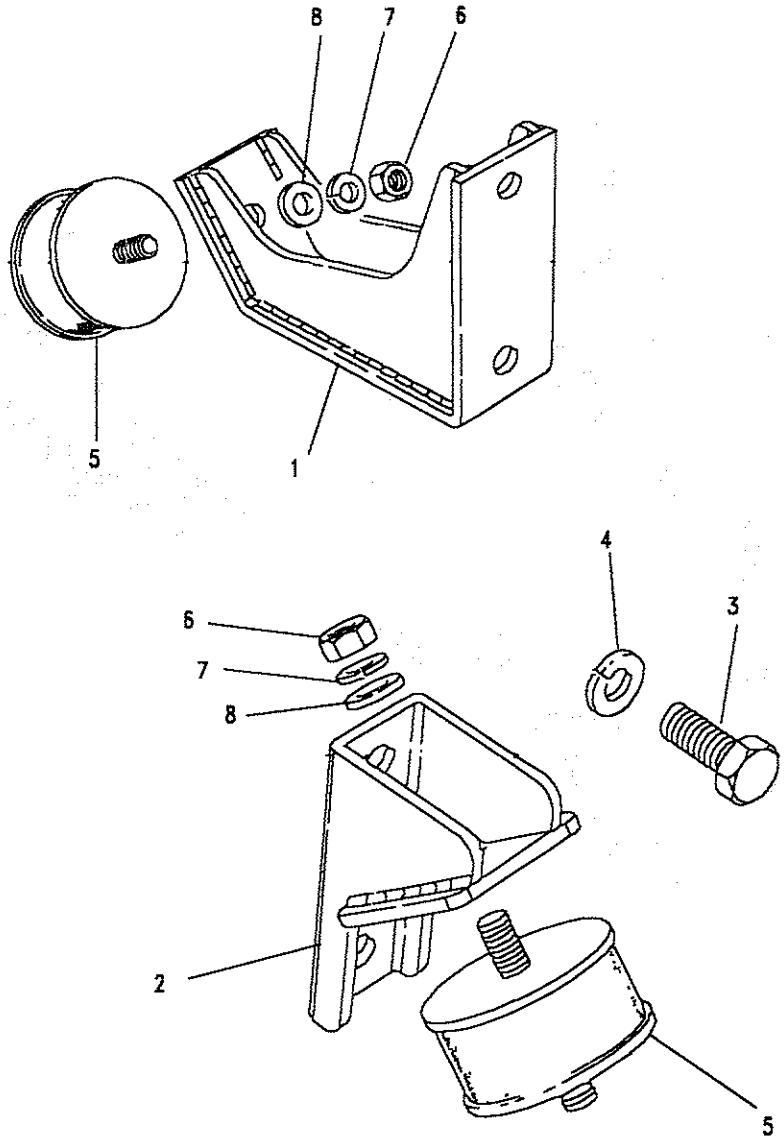



**Model** DEFENDER 90
**Page** ADBGDA1A

**ENGINE - SUMP - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4841 | Sump assembly | 1 | |
| | ERR4716 | Sump | 1 | |
| 2 | 599552 | Plug drain | 1 | |
| 3 | FRC4808 | Washer joint | 1 | |
| 4 | 546841 | Washer joint | 1 | |
| 5 | SH108161L | Screw | 21 | |
| 6 | TE108031L | Stud | 1 | |
| 7 | WL108001L | Washer spring | 22 | |
| 8 | NH108041L | Nut | 1 | |
| 9 | ERC8980 | Tube-dipstick | 1 | |
| 10 | 532387 | Ring sealing | 1 | |
| 11 | ETC7867 | Dipstick | 1 | |
| | SH108251L | Screw | 21 | )Note(1) |
| | TE108041L | Stud | 1 | ) |

Note(1) Use with earlier sump with stiffeners around sump flange



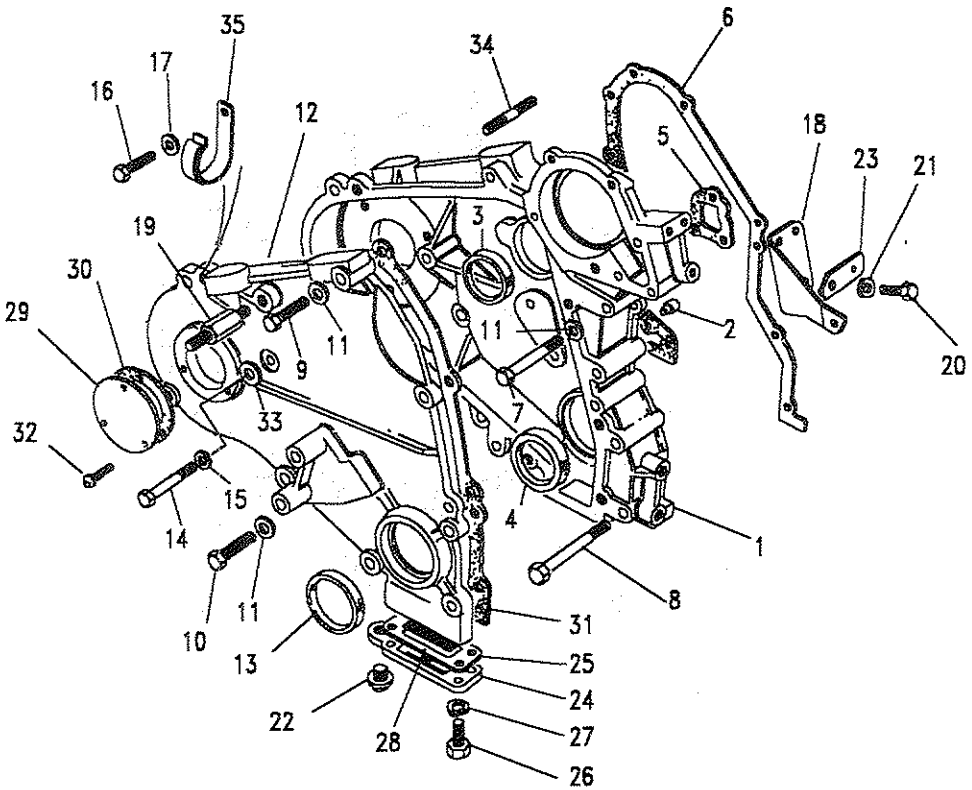

**Model** DEFENDER 90
**Page** ADBGDC1A

## ENGINE - MOUNTINGS - 2.5 DIESEL

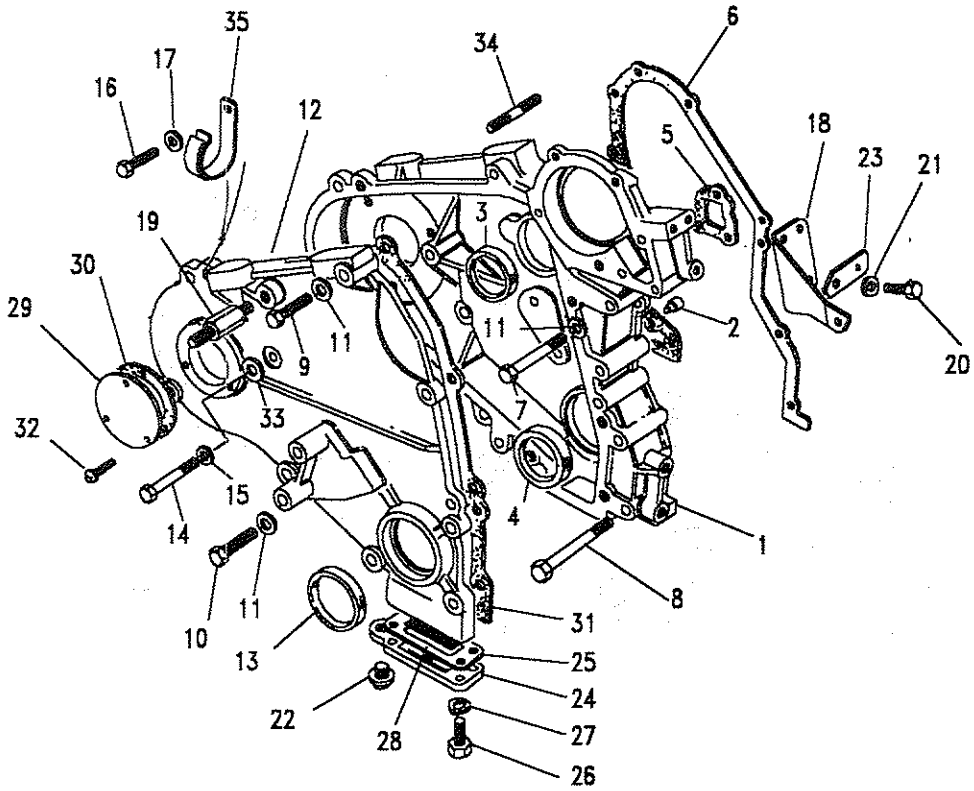
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5434 | Mounting foot-RH | 1 | |
| 2 | NRC9557 | Mounting foot-LH | 1 | |
| 3 | SH112251L | Screw-foot to block | 4 | |
| 4 | WL112001L | Washer-foot to block | 4 | |
| 5 | ANR1808 | Mounting rubber | 1 | |
| 6 | NH110041L | Nut-rubber to foot | 4 | |
| 7 | WC110061L | Washer-rubber to foot | 2 | |
| 8 | WL110001L | Washer-rubber to foot | 4 | |

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## ENGINE - FRONT COVER - 2.5 DIESEL




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4421 | Cover front | 1 | NON AIR CON |
| | ETC5672 | Cover front | 1 | AIR CON |
| 2 | 6395L | Dowel-front cover | 4 | |
| 3 | ETC5064 | Seal oil-camshaft | 1 | |
| 4 | ETC5065 | Seal oil-crankshaft | 1 | |
| 5 | 538038 | Gasket | 1 | |
| | ERR1607 | Gasket | 1 | Asbestos free |
| 6 | 538039 | Gasket | 1 | |
| 7 | FB108111L | Bolt-cover to block | 1 | |
| 8 | FB108121L | Bolt-cover to block | 4 | |
| 9 | BH108201L | Screw-cover to block | 1 | |
| 10 | BH108251L | Screw-cover to block | 2 | |
| 11 | WA108051L | Washer | 8 | |
| 12 | ETC4422 | Plate front cover | 1 | NON AIR CON |
| | ETC5675 | Plate front cover | 1 | AIR CON |
| 13 | ETC4154 | Seal-cover plate | 1 | |
| 14 | BH108131L | Bolt-plate to block | 1 | |
| 15 | WA108051L | Washer | 1 | |
| 16 | SH108251L | Screw | 7 | |
| 17 | WA108051L | Washer | 7 | |
| 18 | ERC6479 | Bracket-cowl mounting | 1 | |
| 19 | ETC4996 | Bolt-bracket to cover | 1 | |
| 20 | FS108201L | Screw | 3 | |
| 21 | WL108001L | Washer | 3 | |
| 22 | ERC7295 | Plug | 1 | |
| 23 | RTC3772 | Tie cable | 1 | |



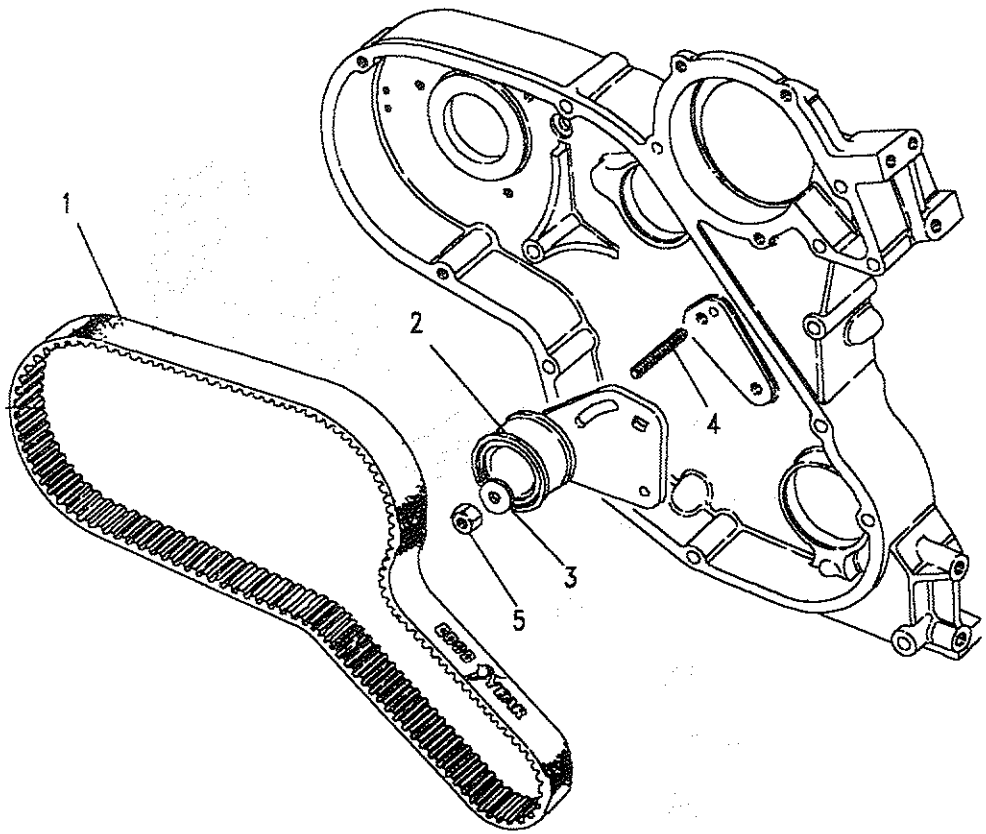

**Model** DEFENDER 90
**Page** ADBGEA1A

**ENGINE - FRONT COVER - 2.5 DIESEL**

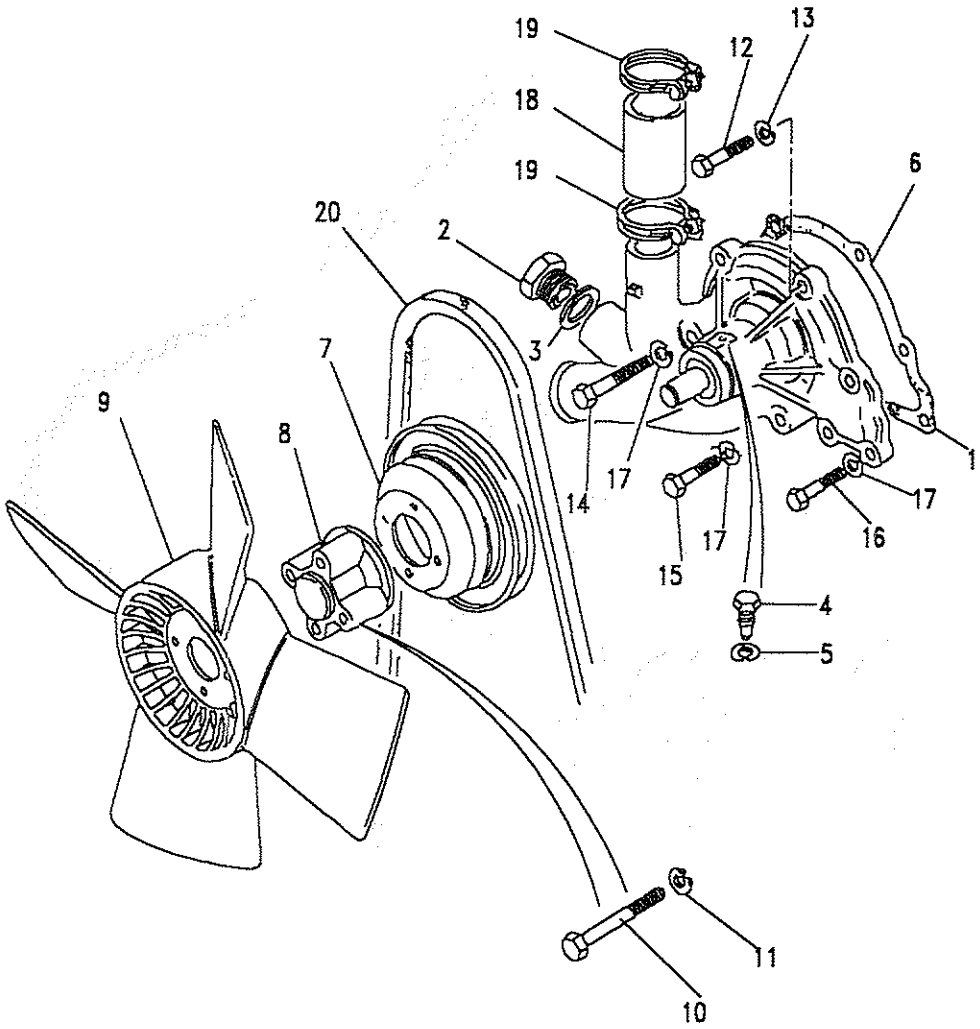
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 24 | ETC4058 | Plate drain | 1 | |
| 25 | ETC4122 | Gasket | 1 | |
| | ERR3615 | Gasket | 1 | Asbestos free |
| 26 | FS106207 | Screw m6 x 20 | 4 | |
| 27 | WA106041L | Washer plate to cover | 4 | |
| 28 | ETC4063 | Strainer | 1 | |
| 29 | ERC9199 | Cover plate | 1 | |
| 30 | ERC9201 | Gasket | 1 | |
| | ERR3614 | Gasket | 1 | Asbestos free |
| 31 | ETC4420 | Gasket | 1 | |
| | ERR3616 | Gasket | 1 | Asbestos free |
| 32 | SE106121L | Screw | 3 | |
| 33 | ETC4124 | Gasket | 1 | |
| | ERR3604 | Gasket | 1 | Asbestos free |
| 34 | ETC4873 | Stud DPS to front cover | 3 | |
| 35 | ETC4630 | Bracket mounting | 1 | |

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## ENGINE - TIMING BELT - 2.5 DIESEL



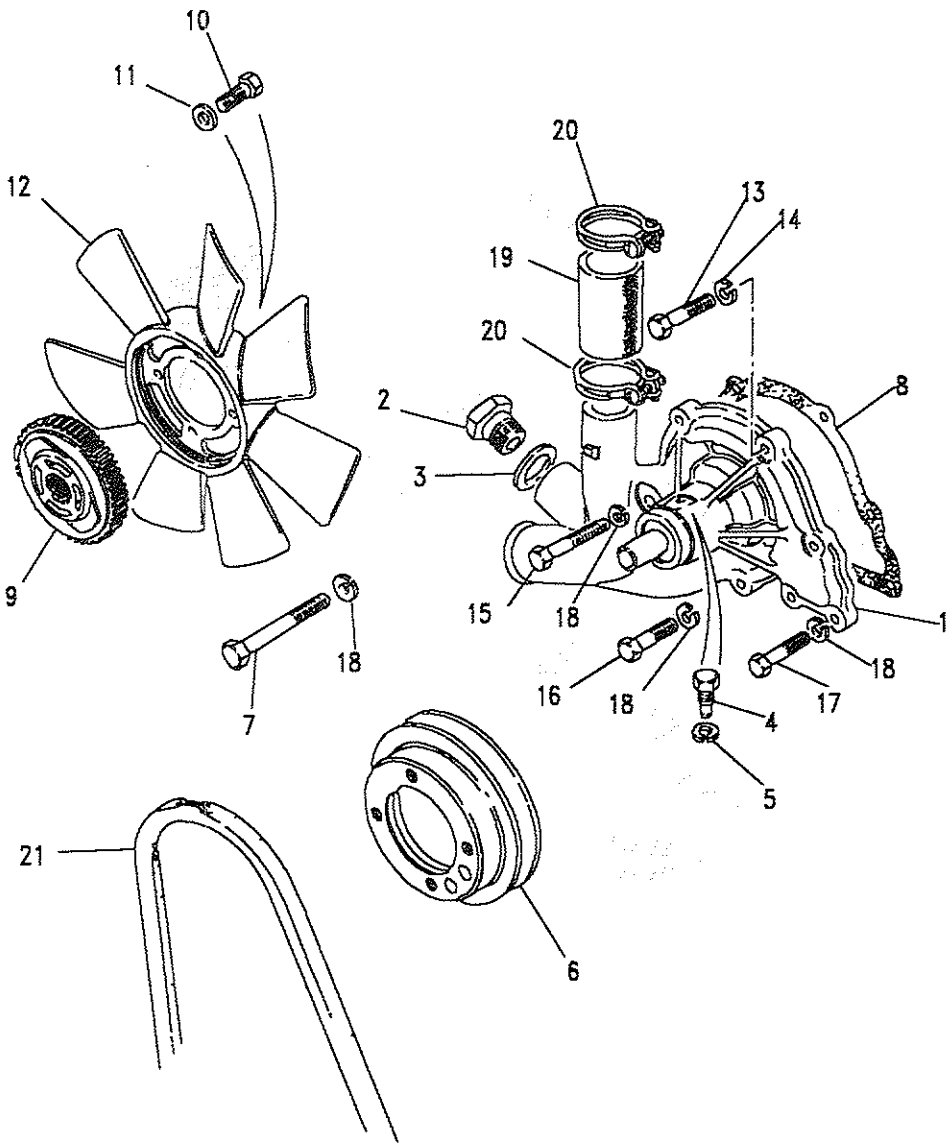

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7333 | Belt timing | 1 | |
| 2 | ERC8861 | Tensioner assembly | 1 | |
| 3 | 4594L | Washer | 2 | |
| 4 | TE108061L | Stud | 2 | |
| 5 | NY108041L | Nut | 2 | |




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**ENGINE - WATER PUMP - 2.5 DIESEL - BASIC**

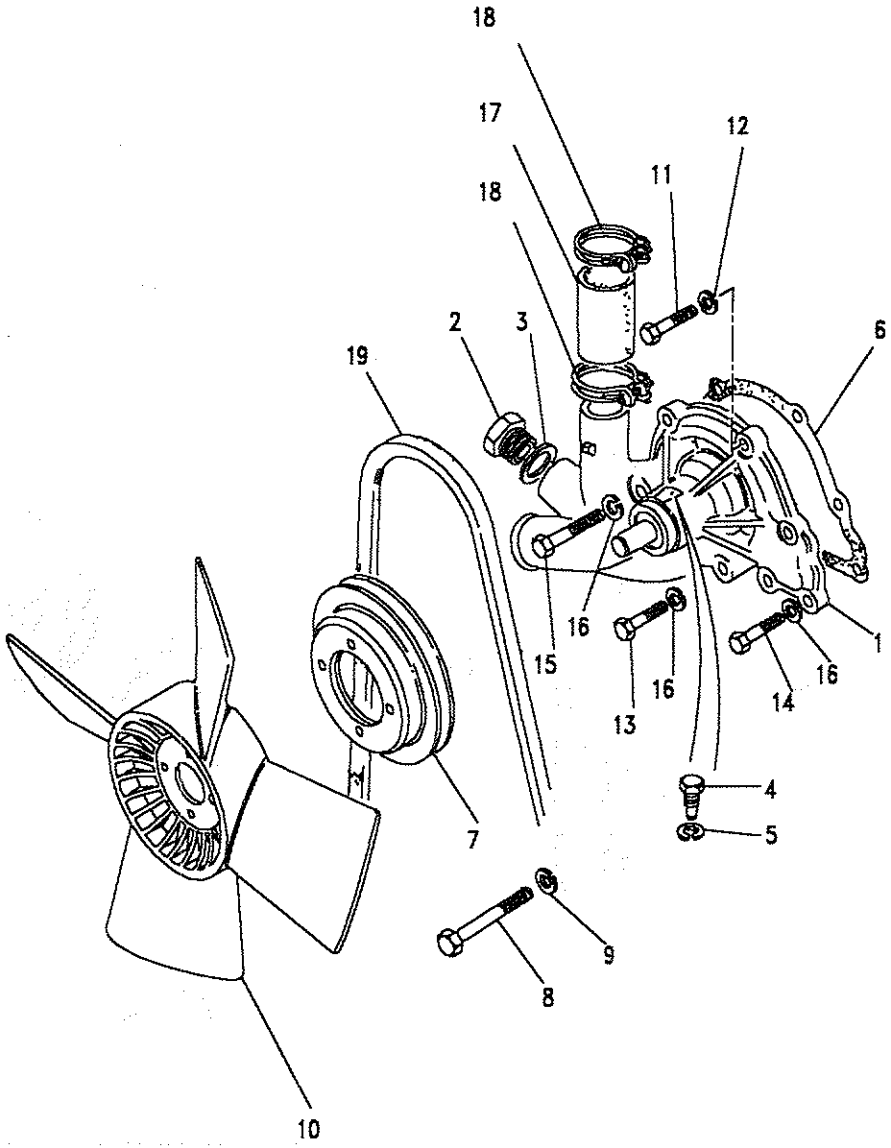
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6331 | Pump water assembly | 1 | |
| 2 | ERC7312 | Plug | 1 | |
| 3 | 232046 | Washer Joint | 1 | |
| 4 | ERC5600 | Bolt special | 1 | |
| 5 | WL106001L | Washer spring | 1 | |
| 6 | ERC5655 | Gasket | 1 | |
| 7 | ERC5578 | Pulley | 1 | |
| 8 | ERC7489 | Spacer fan to pump | 1 | |
| 9 | ERC5545 | Fan assembly | 1 | |
| 10 | FB108111L | Bolt | 4 | |
| 11 | WL108001L | Washer spring | 4 | |
| 12 | FB108061 | Bolt pump to cover | 3 | |
| 13 | WL108001L | Washer spring | 3 | |
| 14 | BH108151L | Bolt pump to block | 1 | |
| 15 | BH108161L | Bolt pump to block | 2 | |
| 16 | BH108171L | Bolt pump to block | 1 | |
| 17 | WL108001L | Washer spring | 4 | |
| 18 | ERC5654 | Hose by pass water outlet | 1 | |
| 19 | CN100408L | Clip hose | 2 | |
| 20 | 563132 | Belt fan | 1 | |




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**ENGINE - WATER PUMP - 2.5 DIESEL - AIR CON**

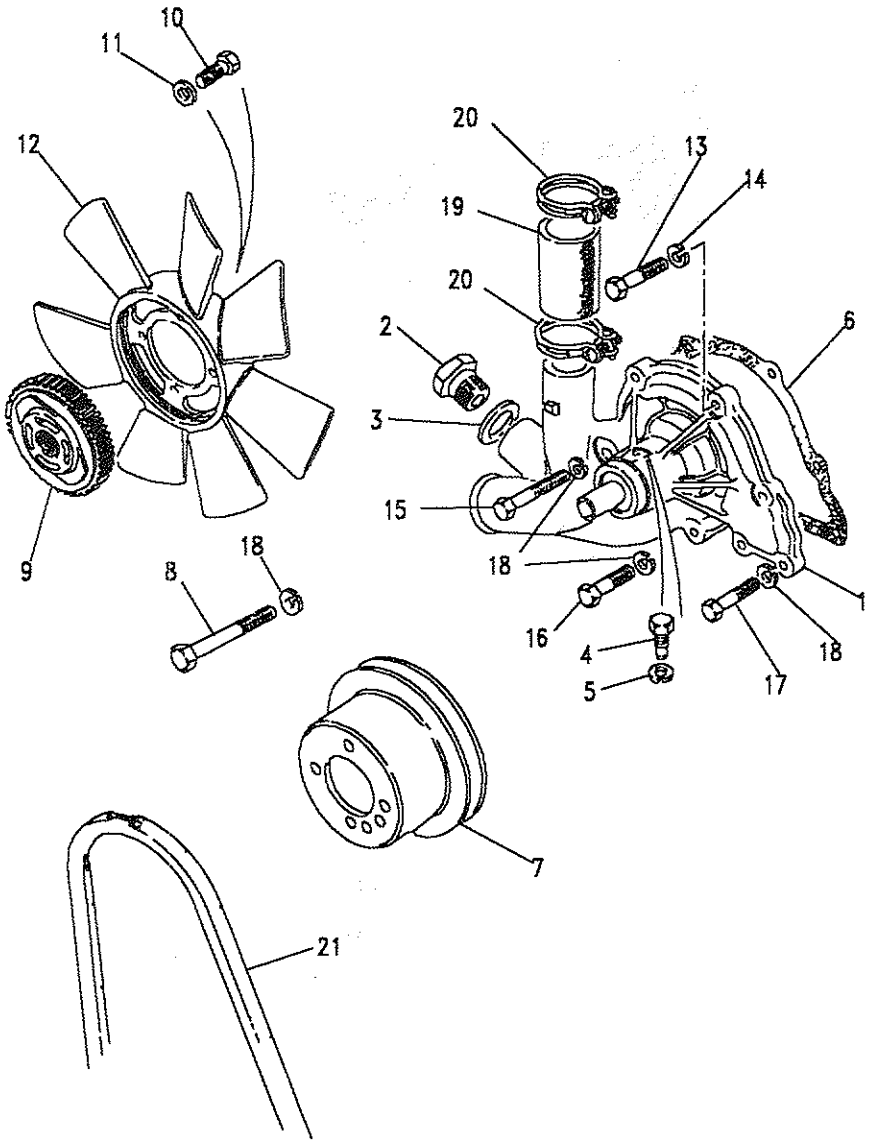
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6332 | Pump water assembly | 1 | |
| 2 | ERC7312 | Plug | 1 | |
| 3 | 232046 | Washer joint | 1 | |
| 4 | ERC5600 | Bolt special | 1 | |
| 5 | WL106001L | Washer spring | 1 | |
| 6 | ETC4457 | Pulley | 1 | |
| 7 | BH106051L | Bolt pulley to hub | 4 | |
| 8 | ERC5655 | Gasket | 1 | |
| 9 | ERC5708 | Viscous unit | 1 | |
| 10 | ERC5709 | Bolt viscous unit | 4 | |
| 11 | 4589L | Washer viscous unit | 4 | |
| 12 | ERC7834 | Fan | 1 | |
| 13 | FB108061 | Bolt pump to cover | 3 | |
| 14 | WL108001L | Washer spring | 3 | |
| 15 | BH108151L | Bolt pump to cover | 1 | |
| 16 | BH108161L | Bolt pump to cover | 2 | |
| 17 | BH108171L | Bolt pump to cover | 1 | |
| 18 | WL108001L | Washer spring | 8 | |
| 19 | ERC5654 | Hose by pass water outlet | 1 | |
| 20 | CN100408L | Clip hose | 2 | |
| 21 | ERC6504 | Belt fan | 1 | |




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**ENGINE - WATER PUMP - 2.5 DIESEL - 65AMP ALTERNATOR**

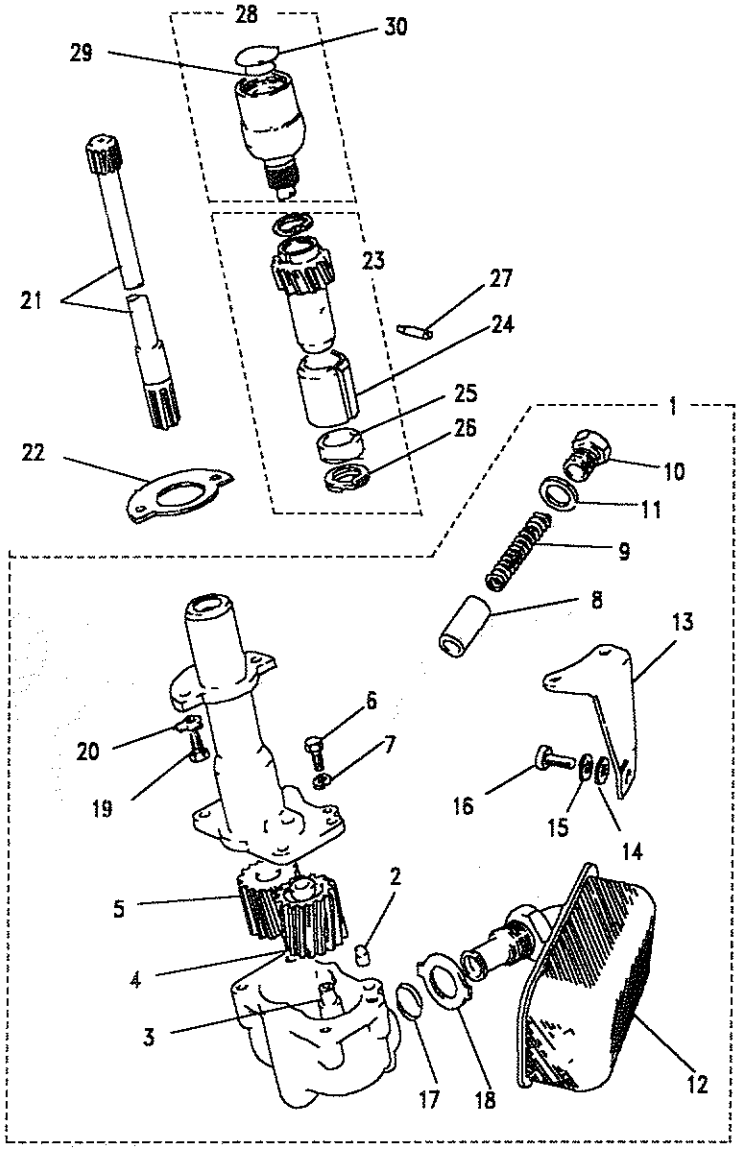
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6331 | Pump water assembly | 1 | |
| 2 | ERC7312 | Plug water pump | 1 | |
| 3 | 232046 | Washer joint | 1 | |
| 4 | ERC5600 | Bolt special | 1 | |
| 5 | WL106001L | Washer spring | 1 | |
| 6 | ERC5655 | Gasket | 1 | |
| 7 | ETC4650 | Pulley | 1 | |
| 8 | BH106051L | Bolt pulley to hub | 4 | |
| 9 | WL106001L | Washer spring | 4 | |
| 10 | ERC5545 | Fan | 1 | |
| 11 | FB108061 | Bolt pump to cover | 3 | |
| 12 | WL108001L | Washer spring | 3 | |
| 13 | BH108151L | Bolt pump to cover | 1 | |
| 14 | BH108161L | Bolt pump to cover | 2 | |
| 15 | BH108171L | Bolt pump to cover | 1 | |
| 16 | WL108001L | Washer spring | 4 | |
| 17 | ERC5654 | Hose by pass pipe | 1 | |
| 18 | CN100408L | Clip hose | 2 | |
| 19 | ERC6504 | Belt fan | 1 | |




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**ENGINE - WATER PUMP - 2.5 DIESEL - NOISE REDUCTION PACKAGE**

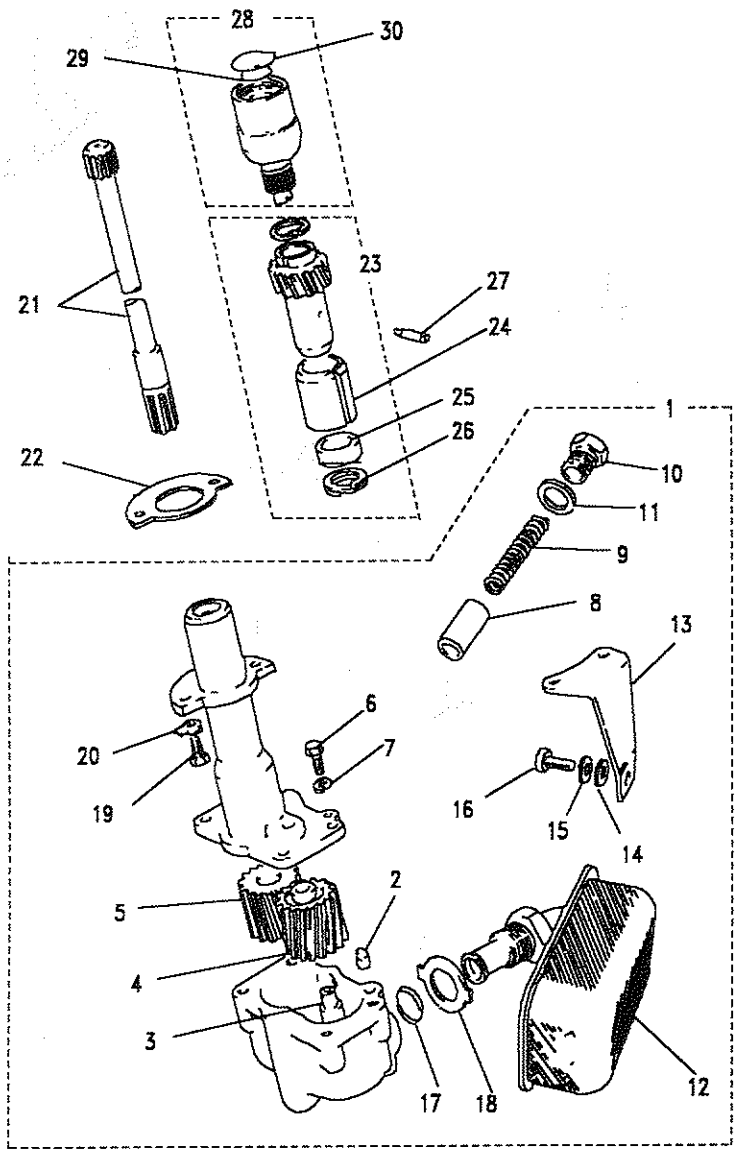
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6332 | Pump water assembly | 1 | |
| 2 | ERC7312 | Plug water pump | 1 | |
| 3 | 232046 | Washer joint | 1 | |
| 4 | ERC5600 | Bolt special | 1 | |
| 5 | WL106001L | Washer spring | 1 | |
| 6 | ERC5655 | Gasket | 1 | |
| 7 | ETC4785 | Pulley | 1 | |
| 8 | BH106051L | Bolt pulley to hub | 4 | |
| 9 | ERC5708 | Viscous unit | 1 | |
| 10 | ERC5709 | Bolt viscous unit | 4 | |
| 11 | 4589L | Washer viscous unit | 4 | |
| 12 | ERC7834 | Fan | 1 | |
| 13 | FB108061 | Bolt pump to cover | 3 | |
| 14 | WL108001L | Washer spring | 3 | |
| 15 | BH108151L | Bolt pump to cover | 1 | |
| 16 | BH108161L | Bolt pump to cover | 2 | |
| 17 | BH108171L | Bolt pump to cover | 1 | |
| 18 | WL108001L | Washer spring | 8 | |
| 19 | ERC5654 | Hose by pass | 1 | |
| 20 | CN100408L | Clip hose | 2 | |
| 21 | ERC6886 | Belt fan | 1 | |




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**Page** ADBGFA1A

**ENGINE - OIL PUMP - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1117 | Pump oil assembly | 1 | |
| 2 | 236257 | Dowel | 2 | |
| 3 | ERR1063 | Spindle idler wheel | 1 | |
| 4 | ERR1088 | Idler wheel assembly | 1 | |
| 5 | ERC9706 | Drive wheel | 1 | |
| 6 | FS108201 | Screw | 4 | |
| 7 | WL108001L | Washer spring | 4 | |
| 8 | ETC4880 | Plunger oil relief | 1 | |
| 9 | 564456 | Spring oil relief | 1 | |
| 10 | 564455 | Plug oil relief | 1 | |
| 11 | 232044 | Washer joint | 1 | |
| 12 | ERC7530 | Filter | 1 | |
| 13 | ERC7940 | Bracket support | 1 | |
| 14 | WA108051L | Washer | 1 | |
| 15 | WL108001L | Washer spring | 1 | |
| 16 | FS108201 | Screw | 1 | |

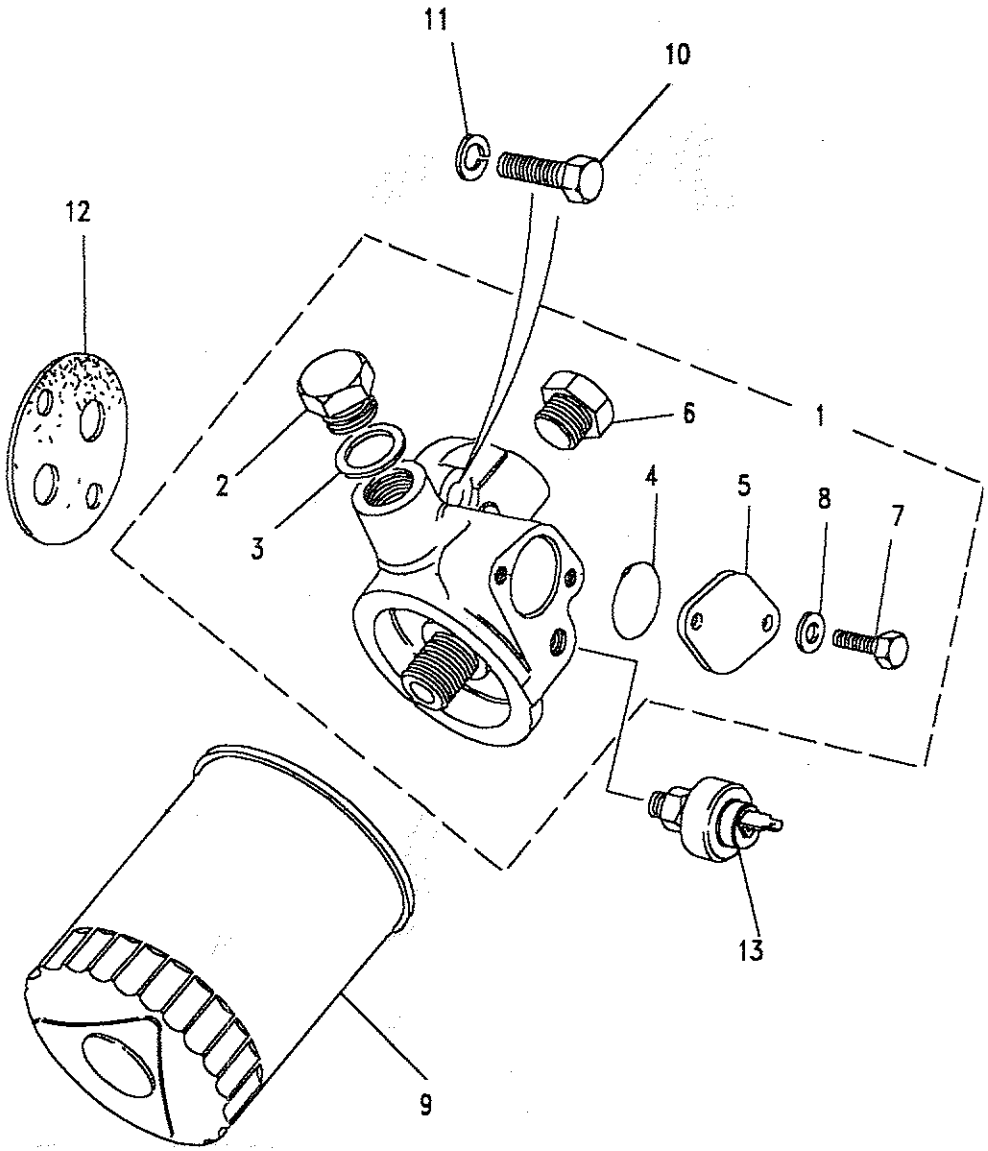



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**Page** ADBGFA1A

**ENGINE - OIL PUMP - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 17 | 244488 | 'O' ring | 1 | |
| 18 | 244487 | Lock washer | 1 | |
| 19 | SH108251L | Screw | 2 | |
| 20 | 247665 | Lock washer | 2 | |
| 21 | ERR850 | Shaft drive | 1 | |
| 22 | ERC8408 | Gasket | 1 | |
| | ERR3606 | Gasket | 1 | Asbestos free |
| 23 | ETC6139 | Gear bush assembly | 1 | Note(1) |
| 24 | 522745 | Bush | 1 | |
| 25 | ETC6137 | Washer thrust | 1 | |
| 26 | ETC6138 | Ring locking | 1 | |
| 27 | ETC6142 | Screw locating shaft | 1 | |
| 28 | ETC4706 | Coupling | 1 | |
| 29 | RTC6167 | O ring inner | 1 | |
| 30 | RTC6168 | O ring outer | 1 | |

Note(1) Remove plug before assembly DRIVE SHAFT & COUPLING

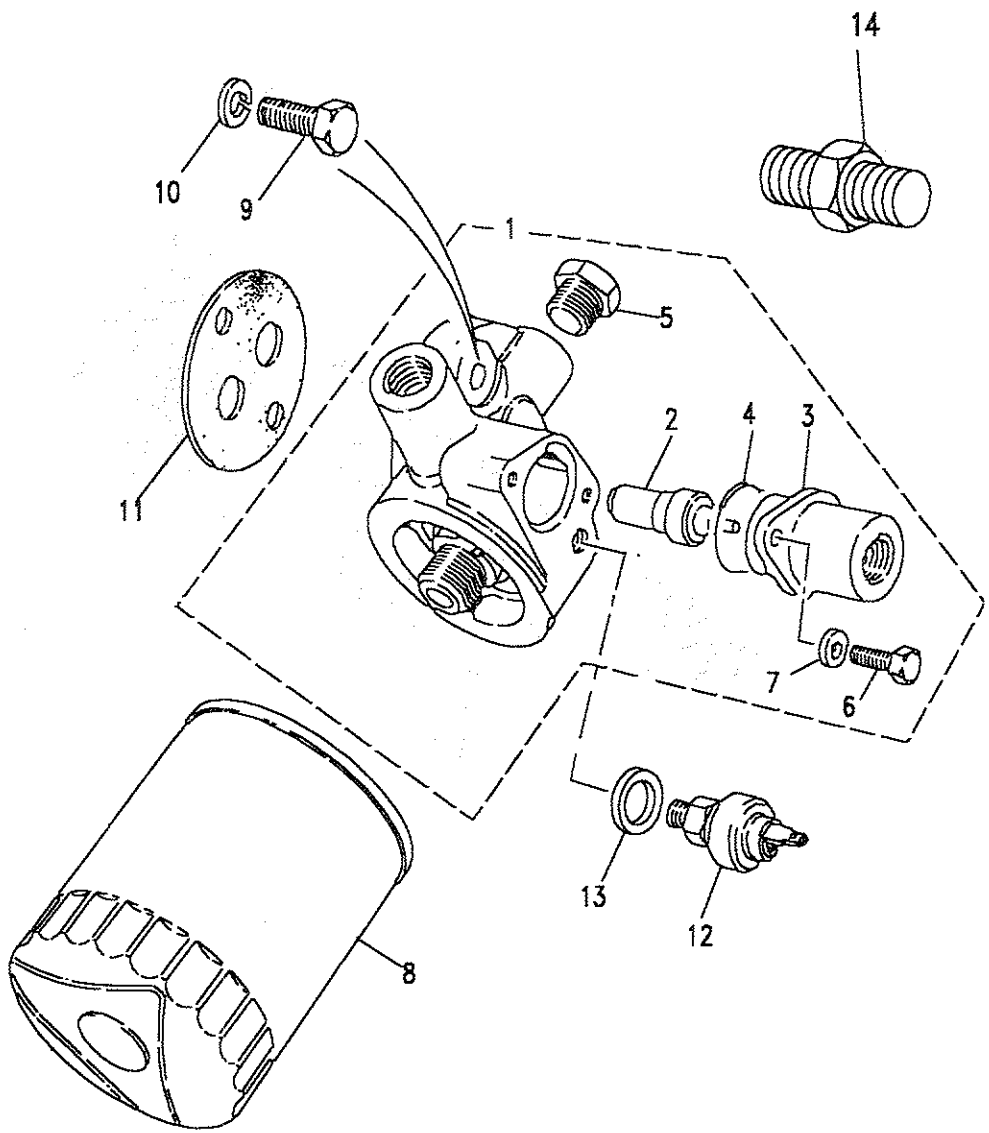



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**Page** ADBGFA2A

**ENGINE - OIL FILTER - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5347 | Adaptor oil assembly | 1 | Note(1) |
| 2 | RTC6851 | Plug | 1 | |
| 3 | 213961 | Washer | 1 | |
| 4 | ERC5913 | O ring | 1 | |
| 5 | ERC9884 | plate end | 1 | |
| 6 | ETC4021 | Plug | 1 | |
| 7 | SH106141L | Screw | 2 | |
| 8 | WA106041L | Washer | 2 | |
| 9 | ERR3340 | Element oil filter | 1 | |
| 10 | SH110301L | Screw filter to block | 2 | |
| 11 | WL110001L | Washer filter to block | 2 | |
| 12 | ETC7582 | Gasket oil filter | 1 | |
| | ERR4934 | Gasket oil filter | 1 | Asbestos free |
| 13 | PRC6387 | Switch oil pressure | 1 | |
| | PRC4043 | Transmitter oil pressure | 1 | ) |
| | ETC4033 | Adaptor oil/pres switch | 1 | )Optional |
| | ETC4034 | Banjo oil/pres switch | 1 | ) |
| | PRC4372 | Transmitter temperature | 1 | ) |

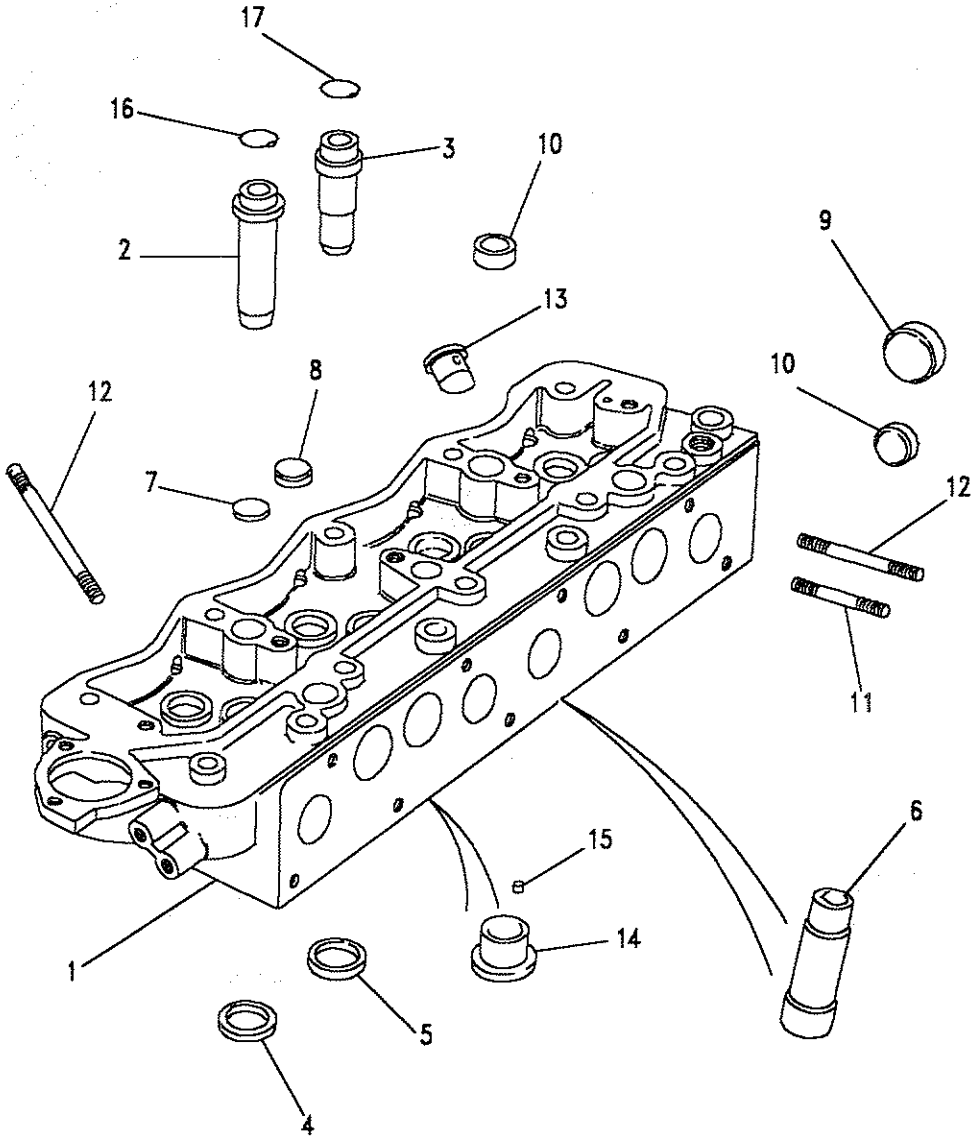
Note(1) ETC5347 is interchangeable with ETC6519(includes filter)




**Model** DEFENDER 90
**Page** ADBGFA3A

## ENGINE - OIL FILTER - 2.5 DIESEL WITH OIL COOLER

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1347 | Adaptor oil assembly | 1 | |
| 2 | ERC5923 | Bulb thermostat | 1 | |
| 3 | ETC4022 | Adaptor | 1 | |
| 4 | ERC5913 | O ring | 1 | |
| 5 | ETC4021 | Plug | 1 | |
| 6 | SH106141L | Screw | 2 | |
| 7 | WA106041L | Washer | 2 | |
| 8 | ERR3340 | Element oil filter | 1 | |
| 9 | SH110301L | Screw filter to block | 2 | |
| 10 | WL110001L | Washer filter to block | 2 | |
| 11 | ETC7582 | Gasket oil filter | 1 | |
| | ERR4934 | Gasket oil filter | 1 | Asbestos free |
| 12 | PRC6387 | Switch oil pressure | 1 | |
| 13 | 232039 | Washer joint switch | 1 | |
| 14 | NRC8618 | Coupling | 1 | |
| | PRC4043 | Transmitter oil pressure | 1 | ) |
| | ETC4033 | Adaptor oil pressure | 1 | )Optional |
| | ETC4034 | Banjo oil pressure switch | 1 | ) |
| | PRC4372 | Transmitter temperature | 1 | ) |

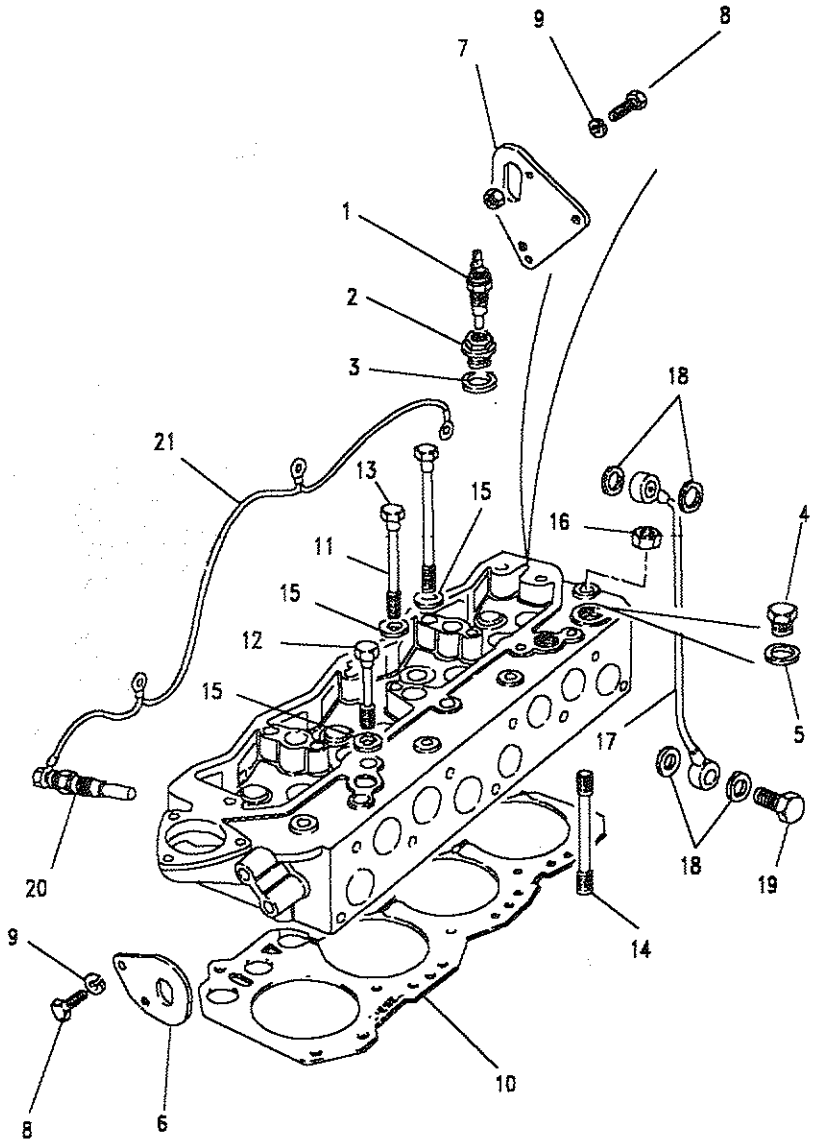



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**Page** ADBGGA1A

**ENGINE - CYLINDER HEAD - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4649 | Cylinder head assembly | 1 | UptoAPRIL1989 |
| | STC803 | Cylinder head assembly | 1 | FromAPRIL1989 |
| 2 | 568688 | Guide valve inlet | 4 | |
| | ERR2861 | Guide valve inlet | 4 | Note(1) |
| 3 | 568689 | Guide valve exhaust | 4 | |
| | ERR2860 | Guide valve exhaust | 4 | Note(1) |
| 4 | ERC9631 | Insert valve seat exh | 4 | |
| | ERR3081 | Insert valve seat exh | 4 | Note(1) |
| 5 | ETC4643 | Insert valve seat inlet | 4 | |
| | ERR3082 | Insert valve seat inlet | 4 | Note(1) |
| 6 | ERC8663 | Tube push rod | 8 | |
| 7 | 250830 | Plug welch | 2 | |
| 8 | 525497 | Plug cup | 9 | |
| 9 | 524765 | Plug cup | 1 | |
| 10 | 602289 | Plug cup | 2 | |
| 11 | TE108051L | Stud manifold fixing | 5 | |
| 12 | TE108071L | Stud | 12 | |
| 13 | ERC9501 | Shroud injector | 4 | |
| 14 | ETC8620 | Hot plug | 4 | |
| 15 | PA105101L | Peg locating hot plug | 4 | |
| 16 | ERR1510 | Seal inlet valve | 4 | |
| 17 | ETC4751 | Seal exhaust valve | 4 | |

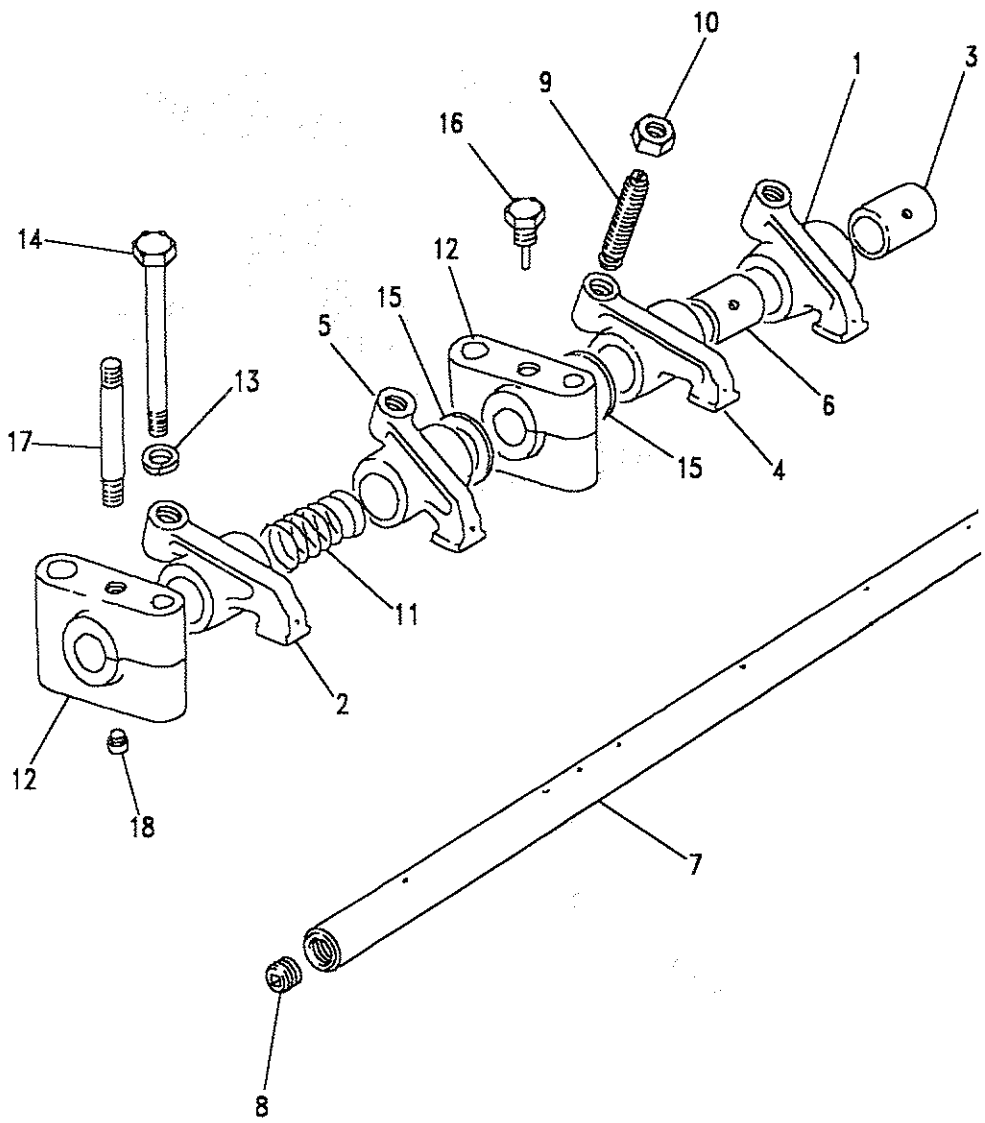
Note(1) From engine 17H26287A




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**Page** ADBGGA2A

**ENGINE - CYLINDER HEAD - 2.5 DIESEL**

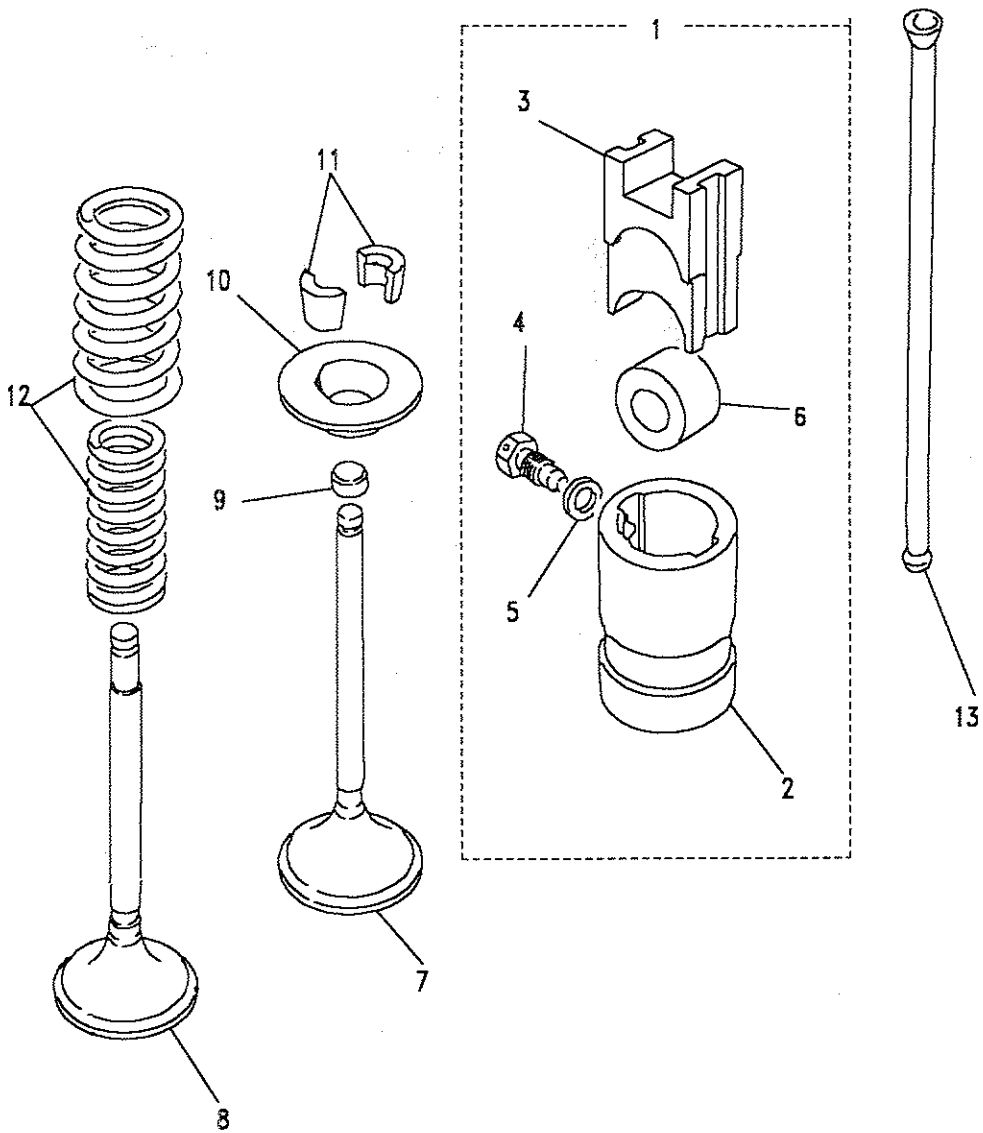
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC2505 | Transmitter water temp | 1 | UptoAPRIL1989 |
| | PRC6663 | Transmitter water temp | 1 | FromAPRIL1989 |
| 2 | ERC9432 | Adaptor transmitter | 1 | UptoAPRIL1989 |
| 3 | 10802070 | Washer adaptor | 1 | |
| 4 | ERC9448 | Plug rear heater hole | 1 | |
| | RTC6851 | Plug | 1 | FromAPRIL1989 |
| 5 | AFU1890L | Washer joint plug | 2 | |
| | 243960 | Washer joint | 1 | FromAPRIL1989 |
| 6 | ERC2254 | Bracket lifting front | 1 | |
| 7 | ETC7135 | Bracket lifting rear | 1 | |
| 8 | FS108201L | Screw bracket to head | 4 | |
| 9 | WL108001L | Washer spring | 4 | |
| 10 | ETC5301 | Gasket | 1 | |
| | ERR3618 | Gasket | 1 | Asbestos free |
| 11 | 247051 | Bolt head to block | 9 | |
| 12 | 247683 | Bolt head to block | 2 | |
| 13 | 247723 | Bolt head to block | 5 | |
| 14 | 90518466 | Stud head to block | 2 | |
| 15 | ERC6821 | Washer head to block | 18 | |
| 16 | NH608061L | Nut head to block | 2 | |
| 17 | 275679 | Pipe oil feed to rockers | 1 | |
| 18 | ETC6510 | Washer joint | 4 | |
| 19 | ETC4498 | Bolt banjo | 2 | |
| 20 | ERC8450 | Glow plug | 4 | |
| 21 | PRC6295 | Cable assembly glow plugs | 1 | |




**Model** DEFENDER 90
**Page** ADBGGC1A

**ENGINE - ROCKER SHAFT - 2.5 DIESEL**

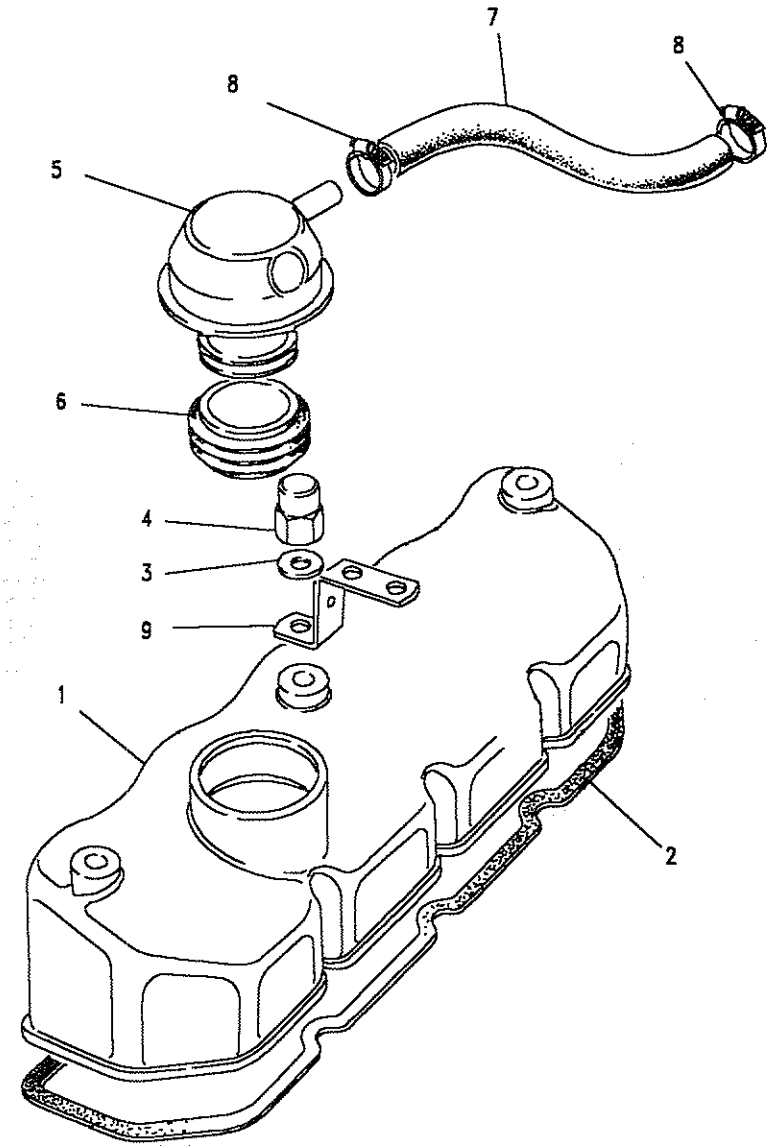
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9060 | Rocker arm exhaust RH | 2 | |
| 2 | ERC9059 | Rocker arm exhaust LH | 2 | |
| 3 | 247738 | Bush-exhaust rockers | 4 | |
| 4 | ERC9055 | Rocker arm inlet RH | 2 | |
| 5 | ERC9056 | Rocker arm inlet LH | 2 | |
| 6 | 247737 | Bush-inlet rockers | 4 | |
| 7 | ERC6341 | Shaft | 1 | |
| 8 | ERC6337 | Plug-shaft | 2 | |
| 9 | ERC9054 | Screw-tappet adjuster | 8 | |
| 10 | NT108041L | Locknut-M8 | 8 | |
| 11 | 247040 | Spring | 4 | |
| 12 | ERC9137 | Bracket-rocker shaft | 5 | |
| 13 | WL108001L | Washer-spring | 5 | |
| 14 | FB108111L | Bolt-M8 X 55mm | 5 | |
| 15 | 247153 | Washer-rocker shaft | 8 | |
| 16 | ETC4460 | Screw-shaft location | 1 | |
| 17 | TD108091L | Stud-M8-rocker cover | 3 | |
| 18 | 277956 | Dowel-rocker | 3 | |




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**Page** ADBGGE1A

**ENGINE - TAPPETS - 2.5 DIESEL**

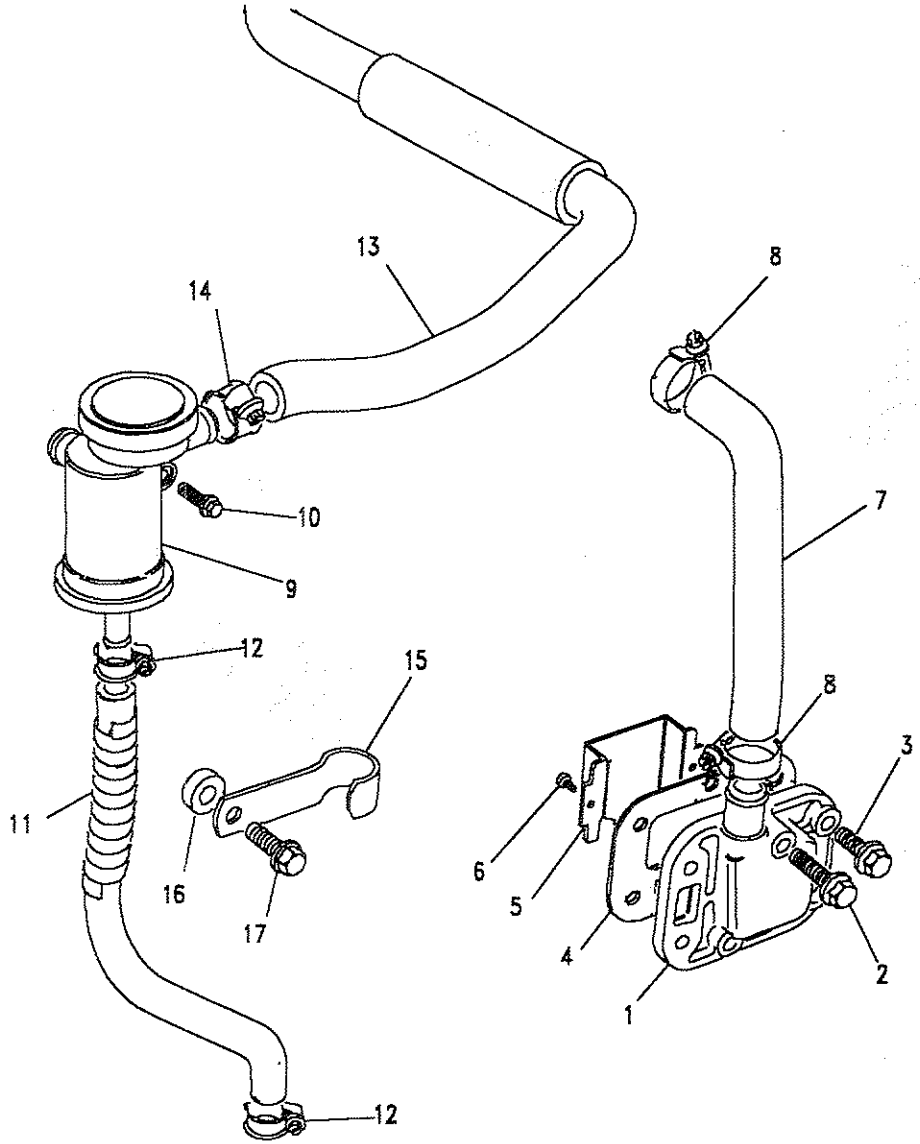
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 507829 | Tappet assembly | 8 | |
| 2 | 502473 | Guide tappet | 8 | |
| 3 | ERR607 | Tappet slide | 8 | |
| 4 | ETC4246 | Bolt set | 8 | |
| 5 | 273069 | Washer tappet guide | 8 | |
| 6 | ERR561 | Roller follower | 8 | |
| 7 | ETC5739 | Valve inlet | 4 | |
| 8 | ERR1230 | Valve exhaust | 4 | |
| 9 | ERR4175 | Stem valve | 8 | |
| 10 | ETC4068 | Cup valve springs | 8 | |
| 11 | ETC4069 | Cotter split | 16 | |
| 12 | ERR4640 | Springs valves | 8 | |
| 13 | 546799 | Push rod | 8 | |




**Model** DEFENDER 90
**Page** ADBGGG1A

## ENGINE - ROCKER COVER - 2.5 DIESEL

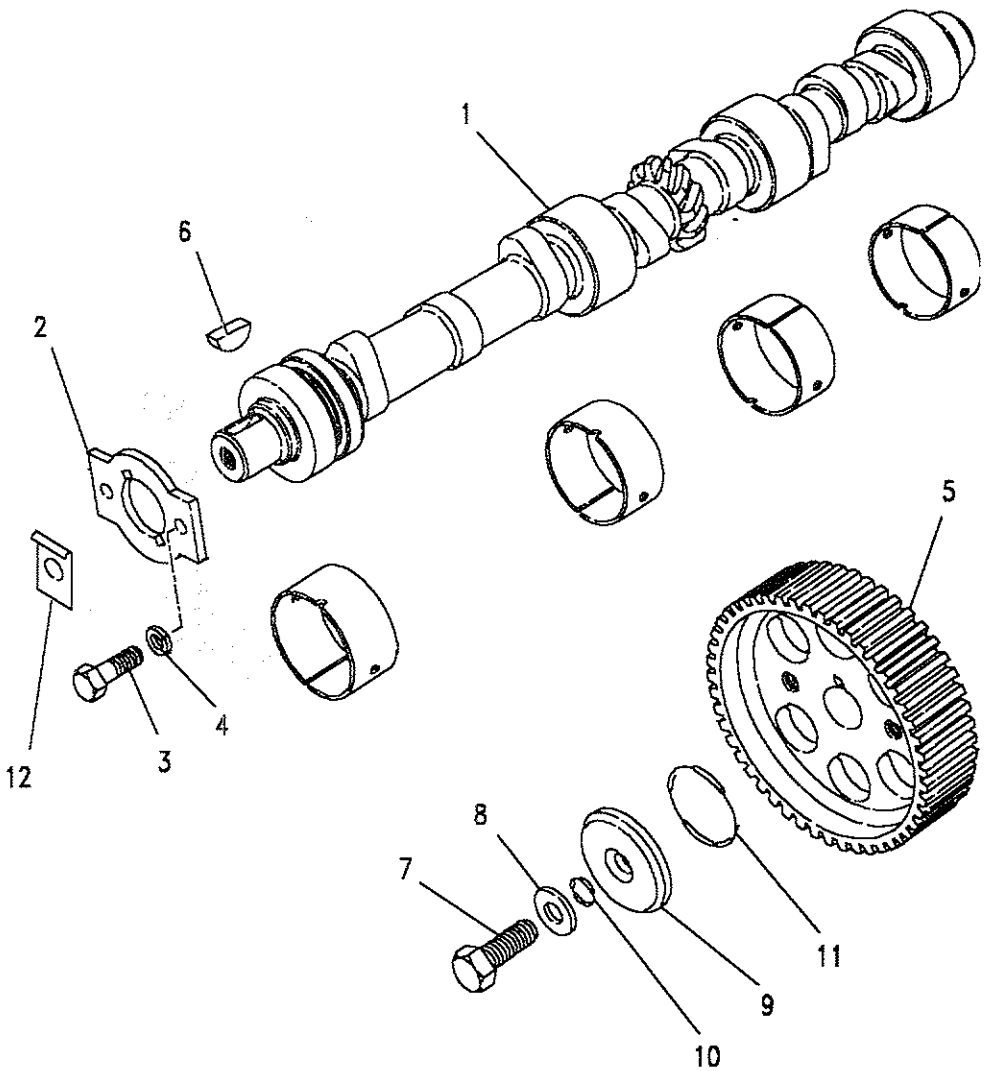
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6924 | Rocker cover assembly | 1 | |
| 2 | ETC6438 | Gasket-cover to cylinder | 1 | |
| 3 | 273069 | Washer joint | 3 | |
| 4 | ERC9220 | Nut-dome-M8 | 3 | |
| 5 | ERR1454 | Breather filter | 1 | Upto 12J42593C |
| | ERR737 | Breather filter | 1 | From 12J42594C |
| 6 | ERR736 | 'O' ring | 1 | |
| 7 | ERC9728 | Hose breather to manifold | 1 | Upto 12J42593C |
| | ETC7969 | Hose breather to manifold | 1 | From 12J42594C |
| 8 | RTC3499 | Clip hose | 2 | |
| 9 | ETC5588 | Bracket | 1 | AIR CON |




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**Page** ADBGGG2A

**ENGINE - CYCLONE BREATHER ASSEMBLY - 2.5 DIESEL**

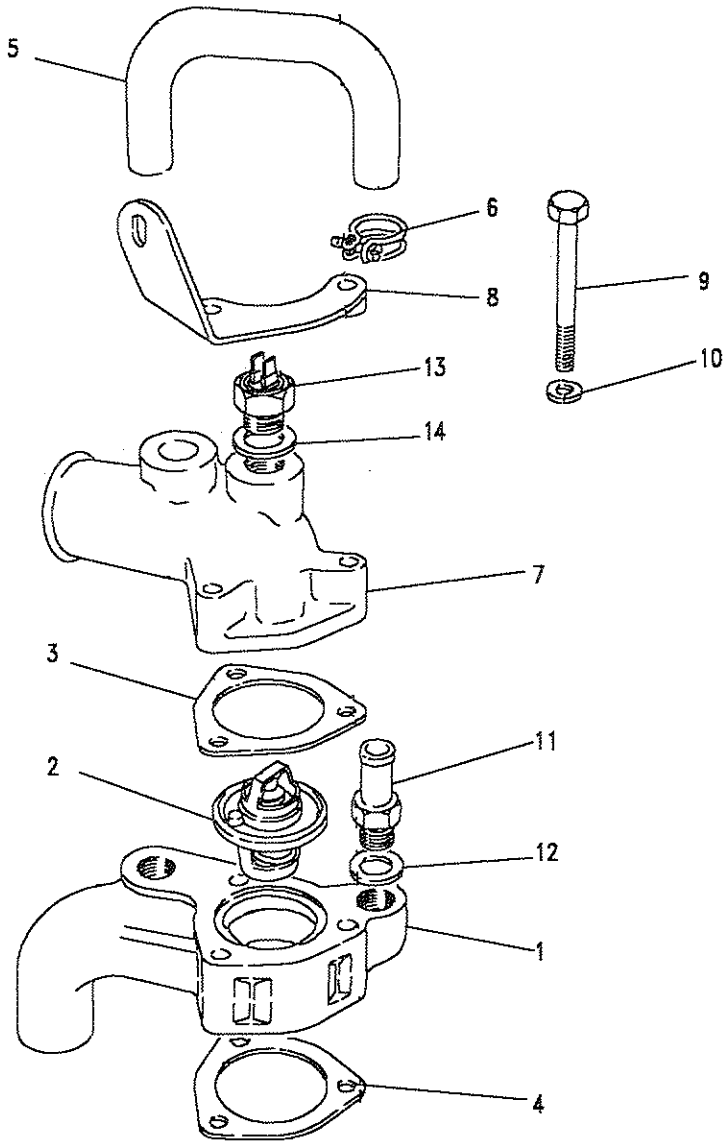
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR506 | Cover side breather assy | 1 | |
| 2 | FB108081L | Bolt flanged | 1 | |
| 3 | FS108251L | Screw flange M8x25 | 5 | |
| 4 | 247555 | Gasket-side cover | 1 | |
| 5 | ERR874 | Baffle plate-side cover | 1 | |
| 6 | 79026 | Screw No6 | 1 | |
| 7 | ERR877 | Hose-side to rock/cover | 1 | |
| 8 | CN100258L | Clip-worm-hose | 2 | |
| 9 | ERR1471 | Breather cyclone | 1 | |
| 10 | FB106121L | Screw flange M6x60 | 2 | |
| 11 | ERR1605 | Hose-cyclone oil drain | 1 | |
| 12 | CN100208L | Clip-worm-hose | 2 | |
| 13 | ERR1729 | Hose-cyclone to air/clean | 1 | |
| 14 | CN100258L | Clip-worm-hose | 2 | |
| 15 | ERR878 | Clip-oil drain hose | 1 | |
| 16 | ERR879 | Spacer-clip-oil drain | 1 | |
| 17 | SH110201L | Screw flange M10x20 | 1 | |




**Model** DEFENDER 90
**Page** ADBGGI1A

## ENGINE - CAMSHAFT - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7128 | Camshaft | 1 | |
| 2 | ERC1561 | Plate thrust camshaft | 1 | |
| 3 | FS106167 | Screw | 2 | |
| 4 | WL106001L | Washer spring | 2 | |
| 5 | ETC4014 | Pulley | 1 | |
| 6 | 230313 | Key woodruff | 1 | |
| 7 | BX110071L | Bolt | 1 | |
| 8 | ETC4670 | Washer | 1 | |
| 9 | ERC8847 | Plate retaining | 1 | |
| 10 | ERC8849 | 'O' ring | 1 | |
| 11 | ETC4076 | 'O' ring | 1 | |
| 12 | 2995 | Locker | 2 | |

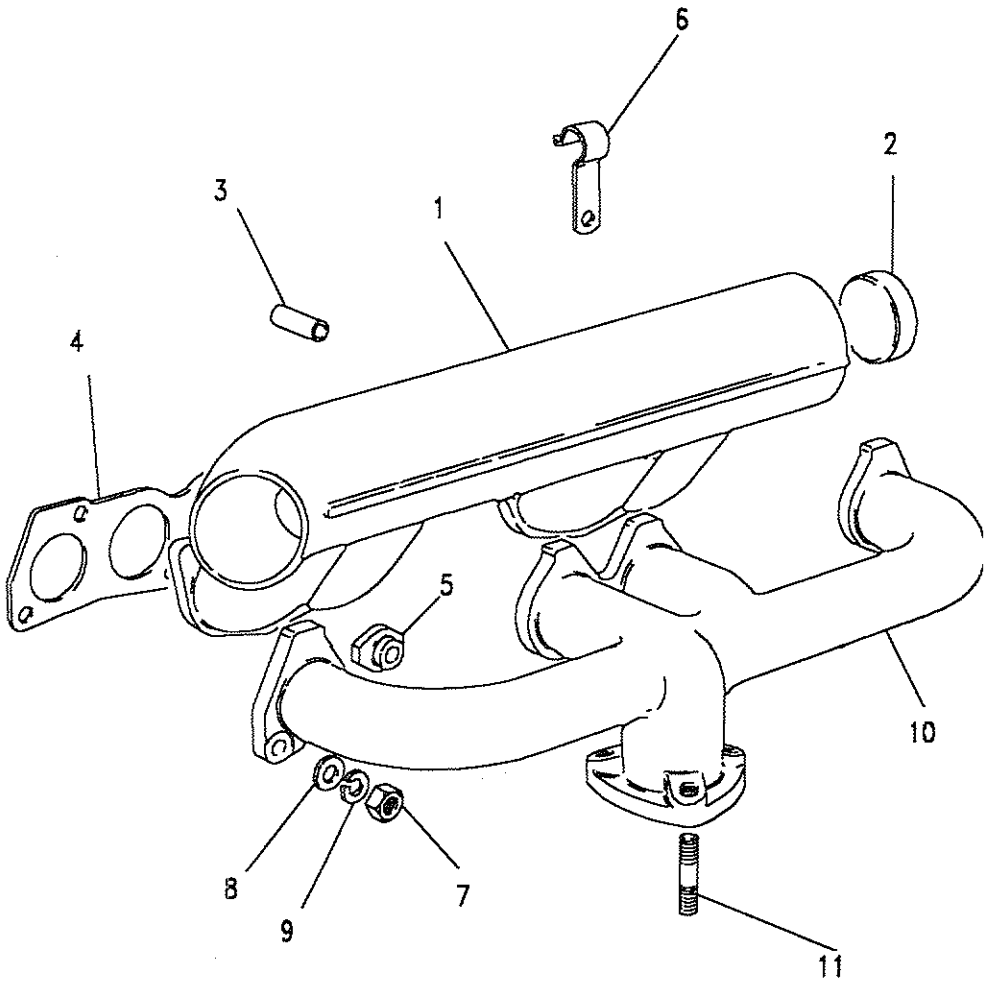



**Model** DEFENDER 90
**Page** ADBGGK1A

## ENGINE - THERMOSTAT HOUSING - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC8758 | Thermostat Housing | 1 | |
| 2 | 602687 | Thermostat 82o | 1 | |
| | ETC4761 | Thermostat 74o | 1 | OPTIONAL |
| 3 | ERR3682 | Gasket | 1 | |
| 4 | 247874 | Gasket | 1 | |
| 5 | ERC7510 | Hose connecting adaptors | 1 | |
| 6 | CN100258L | Hose clip | 2 | |
| 7 | ERC8757 | Outlet water BASIC | 1 | ) |
| | ETC4217 | Outlet water AIR CON | 1 | ) |
| 8 | ERC6478 | Bracket Cowl Mounting | 1 | )Note(1) |
| 9 | BH106141L | Bolt Cover to Head | 1 | ) |
| | BH106151L | Bolt Cover to Head | 2 | ) |
| 7 | ETC5967 | Outlet water BASIC | 1 | ) |
| | ETC5958 | Outlet water AIR CON | 1 | )Note(2) |
| 8 | ETC5965 | Bracket cowl mounting | 1 | ) |
| 9 | BH106151L | Bolt | 3 | ) |
| 10 | WL106001L | Washer spring | 3 | |
| 11 | 624091 | Adaptor | 2 | |
| 12 | 243959 | Washer joint | 2 | |
| 13 | PRC3366 | Switch temperature sensor | 1 | GREEN |
| | PRC3541 | Switch temperature sensor | 1 | RED |
| 14 | C457593L | Washer copper | 2 | |

Note(1) Early condition,Water outlet points to RIGHT-from drivers seat
Note(2) Later condition,Water outlet points to LEFT-from drivers seat

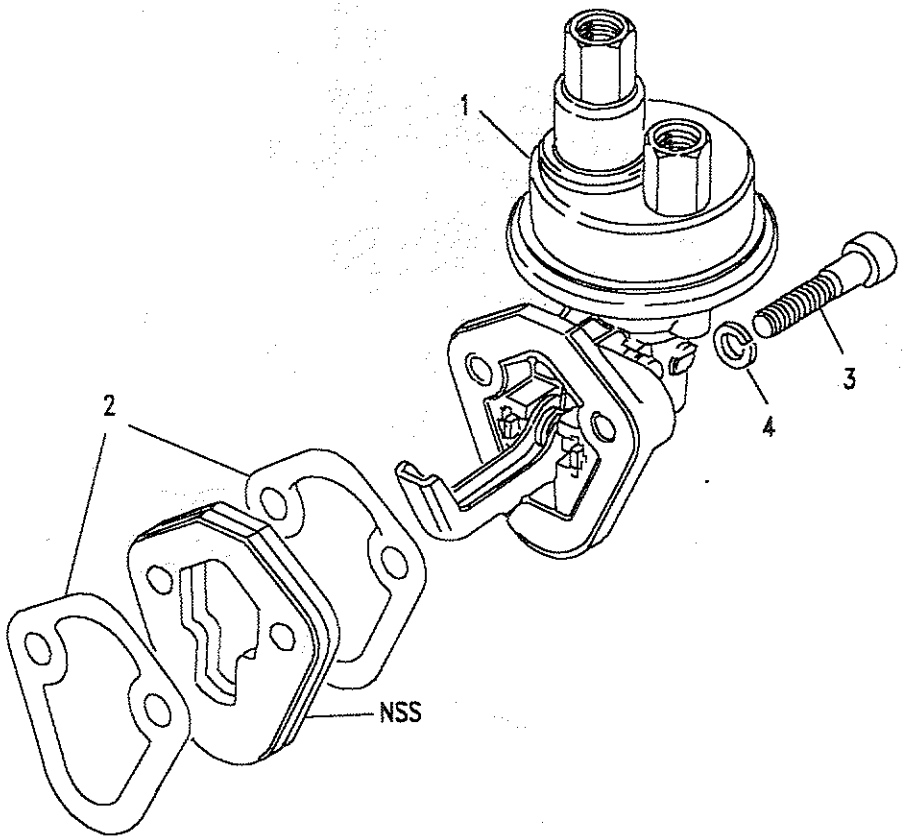



**Model** DEFENDER 90
**Page** ADBGHA1A

## ENGINE - MANIFOLDS - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC6939 | Manifold inlet | 1 | Upto 12J42593C |
| | ERR362 | Manifold inlet | 1 | From 12J42594C |
| 2 | 525428 | Plug-cup | 1 | |
| 3 | ERC6047 | Tube | 1 | |
| 4 | ETC5312 | Gasket-manifold to head | 1 | Upto 12J48876C |
| | ETC7750 | Gasket-manifold to head | 1 | From 12J48877C |
| 5 | 564308 | Clamp-manifold to head | 4 | |
| 6 | 574654 | Clip-manifold clamp | 1 | |
| 7 | NH108041L | Nut | 9 | |
| 8 | WA108051L | Washer plain | 9 | |
| 9 | WL108001L | Washer spring | 9 | |
| 10 | ERC9688 | Manifold exhaust | 1 | Note(1) |
| | ETC5331 | Manifold exhaust | 1 | Note(2) |
| | ETC5337 | 'O' ring | 1 | |
| 11 | AFU1848L | Stud | 3 | |

Note(1) To take downpipe with welded olive end
Note(2) To take downpipe with copper asbestos O'ring

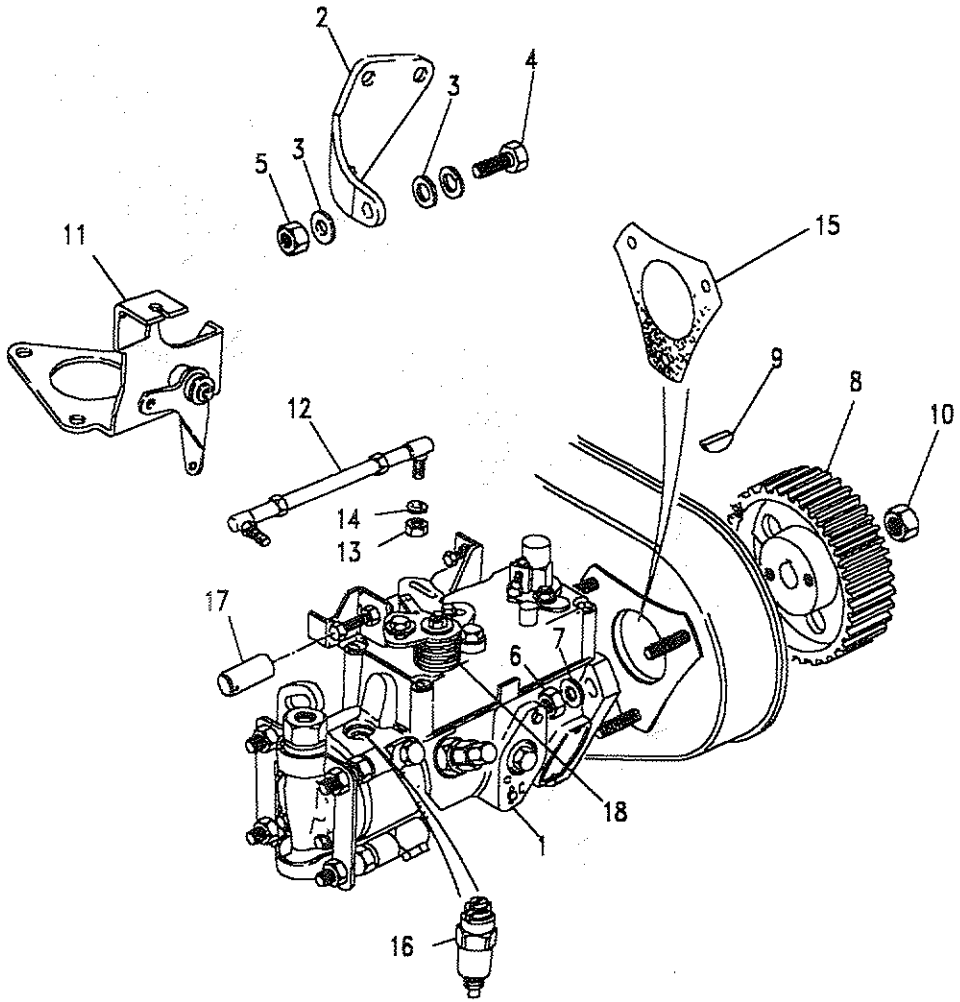



**Model** DEFENDER 90
**Page** ADBGKA1A

**ENGINE - FUEL PUMP - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7869 | Pump fuel | 1 | Note(1) |
| 2 | ERR2028 | Gasket | 2 | |
| 3 | SS108301L | Screw socket | 2 | |
| 4 | WA108051L | Washer | 2 | |

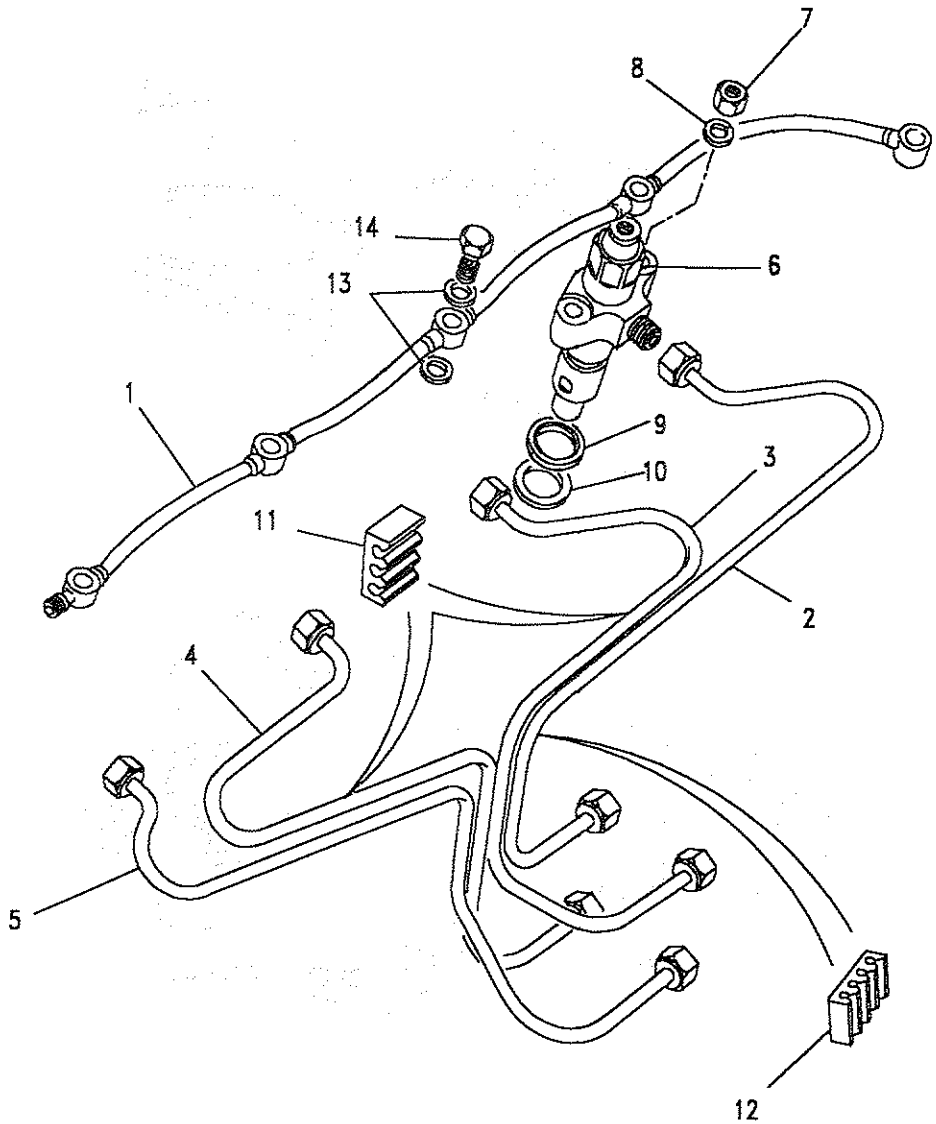
Note(1) Use RTC6180 fuel pump kit up to 12J39054C




**Model** DEFENDER 90
**Page** ADBGKC1A

**ENGINE - INJECTOR PUMP - 2.5 DIESEL**

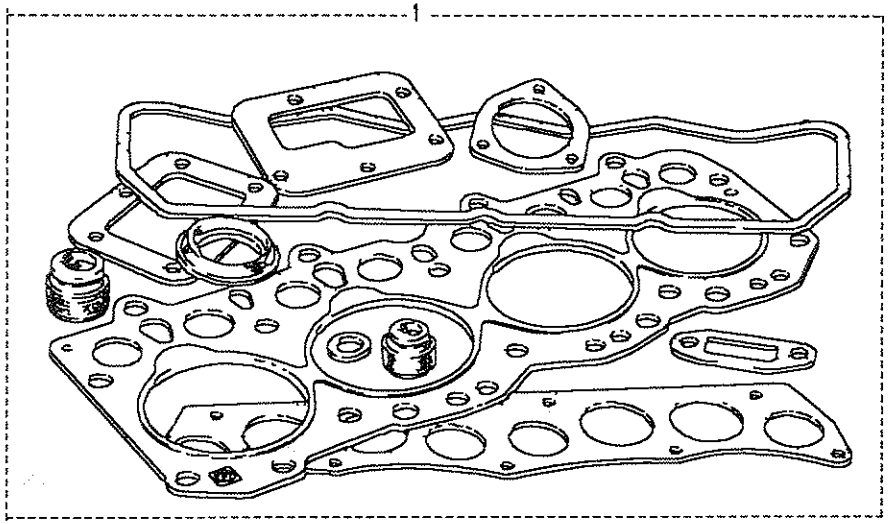
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC6761 | Pump distributor | 1 | |
| | ERC6761E | Pump distributor | 1 | Exchange |
| 2 | ETC4070 | Bracket-support-pump | 1 | |
| 3 | WA108051L | Washer-pump to bracket | 2 | |
| 4 | SH108251L | Screw-pump to bracket | 1 | |
| 5 | NY108041L | Nut-pump to bracket | 1 | |
| 6 | NY108041L | Nut | 3 | |
| 7 | WA108051L | Washer | 3 | |
| 8 | ETC5717 | Pulley | 1 | |
| 9 | RTC5077 | Key-pulley | 1 | |
| 10 | NH112041L | Nut-fixing pulley | 1 | |
| 11 | ETC6675 | Lever throttle | 1 | |
| 12 | ETC4417 | Link throttle assembly | 1 | |
| 13 | NH105041L | Nut | 2 | |
| 14 | WA105001L | Washer | 2 | |
| 15 | ETC4440 | Gasket | 1 | |
| | ERR3617 | Gasket | 1 | Asbestos free |
| 16 | BAU4611L | Switch fuel cut off | 1 | |
| 17 | ETC4752 | Sleeve locking speed stop | 1 | |
| 18 | RTC5891 | Spring throttle return | 1 | |

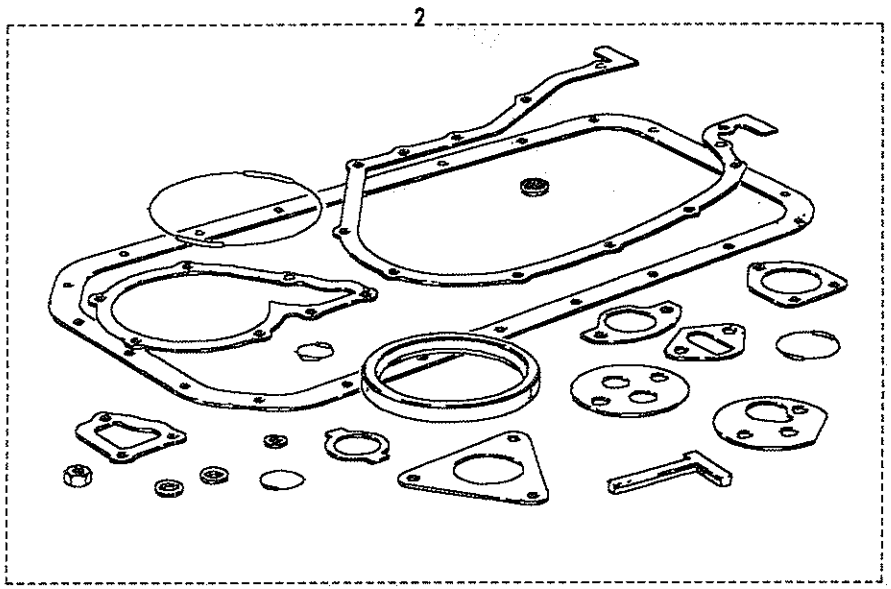



**Model** DEFENDER 90
**Page** ADBGKE1A

**ENGINE - INJECTOR AND PIPES - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC4480 | Spill return assembly | 1 | |
| 2 | ETC4291 | Pipe-injector No.1 | 1 | |
| 3 | ETC4292 | Pipe-injector No.2 | 1 | |
| 4 | ETC4293 | Pipe-injector No.3 | 1 | |
| 5 | ETC4294 | Pipe-injector No.4 | 1 | |
| 6 | ERR1266 | Injector | 4 | |
| | 564332E | Injector | 4 | Exchange |
| | 247726 | Nozzle | 4 | |
| 7 | NH108041L | Nut-injector to head | 8 | |
| 8 | WL108001L | Washer-injector to head | 8 | |
| 9 | 247179 | Washer-joint-injector | 4 | |
| 10 | 12H220L | Washer-spring-injector | 4 | |
| 11 | ETC4156 | Clip-injector pipes | 2 | |
| 12 | ETC4308 | Clip-injector pipes | 1 | |
| 13 | 273069 | Washer-joint-leak off pip | 8 | |
| 14 | 273521 | Banjo-1, 2, 3, injectors | 3 | |
| | 563195 | Banjo-4 injector | 1 | |

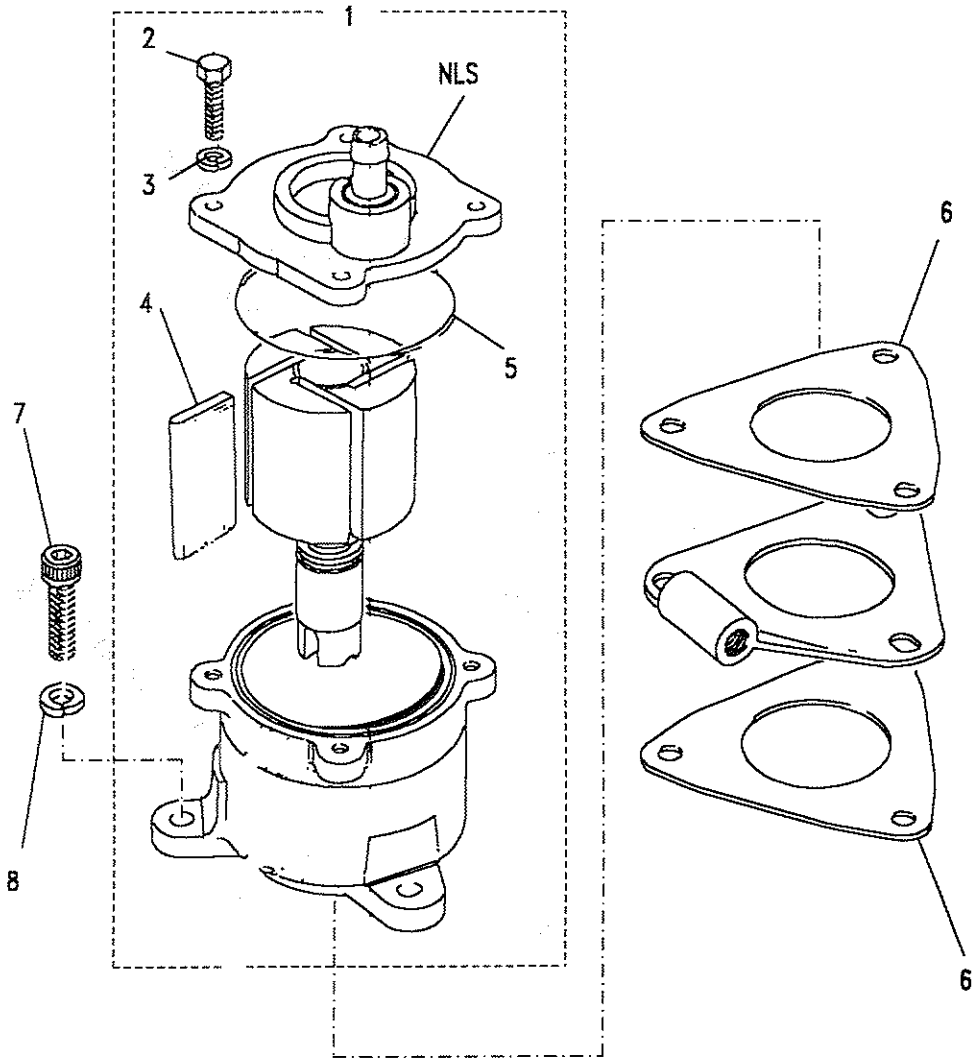



**Model** DEFENDER 90
**Page** ADBGMA1A

## ENGINE - GASKET KIT - 2.5 DIESEL

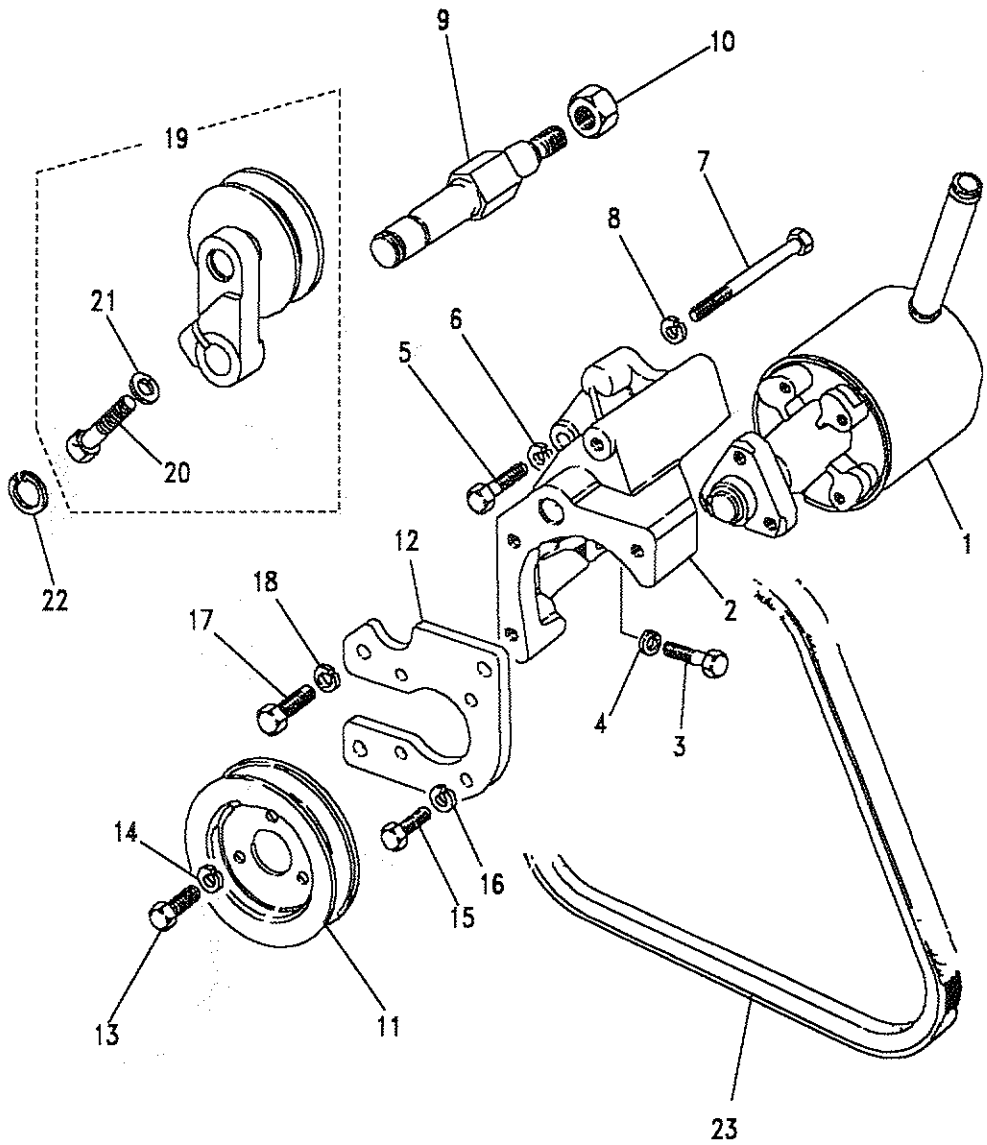
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC1562 | Kit gasket decarbonising | 1 | |
| 2 | RTC6084 | Kit gasket overhaul | 1 | |
| | STC1559 | Kit gasket overhaul | 1 | Asbestos free |




**Model** DEFENDER 90
**Page** ADBGNA1A

**ENGINE - VACUUM PUMP - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR535 | Pump vacuum assembly | 1 | |
| 2 | AEU2720 | Bolt | 4 | |
| 3 | WL106001L | Washer | 4 | |
| 4 | AEU2718 | Blades rotor | 4 | |
| 5 | AEU2719 | O ring | 1 | |
| 6 | ETC4616 | Gasket | 2 | |
| 7 | SS108301L | Bolt | 3 | |
| 8 | WM600051L | Washer | 3 | |

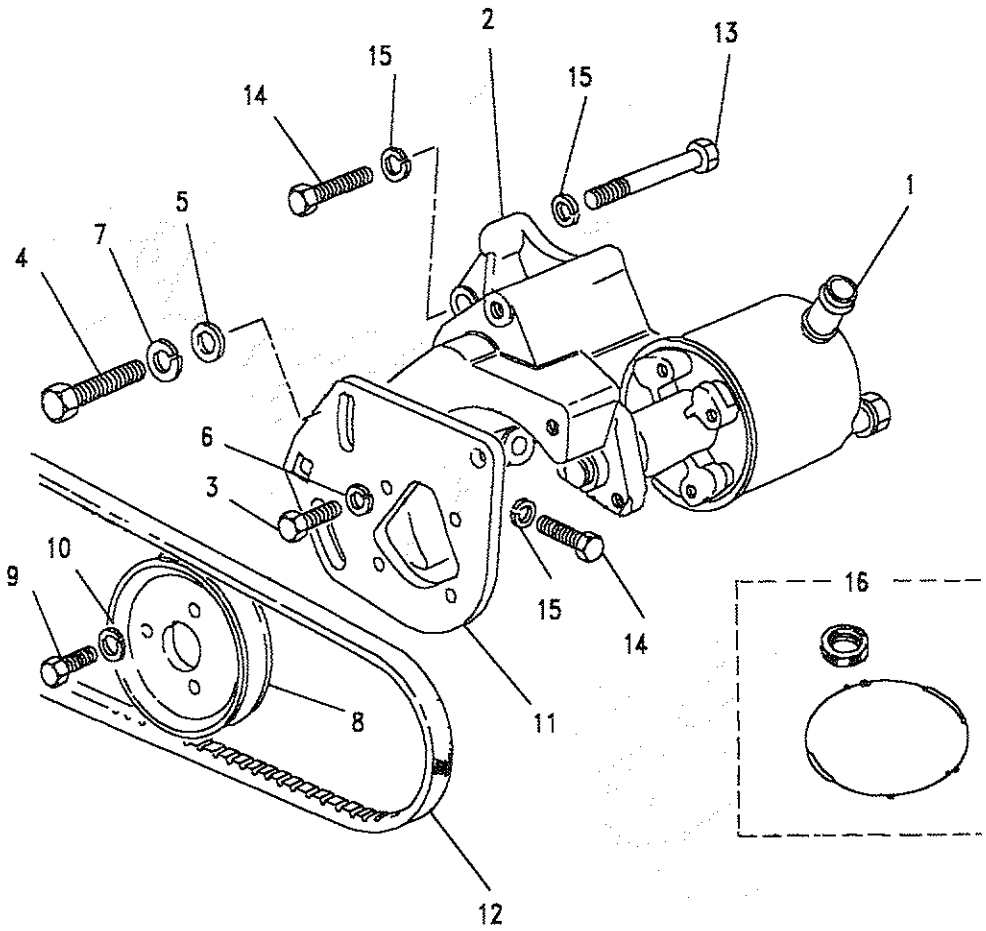



**Model** DEFENDER 90
**Page** ADBGNC1A

## ENGINE - POWER STEERING PUMP (ADWEST) - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | | Pump power steering | 1 | Note(1) |
| | RTC4485 | Banjo | 1 | |
| 2 | ERC6974 | Bracket | 1 | |
| 3 | SH108251L | Screw | 3 | |
| 4 | WL108001L | Washer spring | 3 | |
| 5 | SH108301L | Screw | 1 | |
| 6 | WL108001L | Washer spring | 1 | |
| 7 | BH108181L | Bolt-bracket to block | 1 | |
| 8 | WL108001L | Washer spring | 1 | |
| 9 | ERC6976 | Spigot-idler arm mounting | 1 | |
| 10 | ERC6977 | Nut special-spigot | 1 | |
| 11 | ERC5145 | Pulley | 1 | |
| 12 | ERC6975 | Plate mounting-pump | 1 | |
| 13 | SH108141L | Screw-pulley to pump | 3 | |
| 14 | WL108001L | Washer spring | 3 | |
| 15 | FS106201L | Screw-pump to plate | 4 | |
| 16 | WL106001L | Washer spring | 4 | |
| 17 | SH108251L | Screw-plate to bracket | 3 | |
| 18 | WL108001L | Washer spring | 3 | |
| 19 | ETC4153 | Idler arm and pulley assy | 1 | |
| 20 | SH108401L | Screw-idler arm clamp | 1 | |
| 21 | WL108001L | Washer spring | 1 | |
| 22 | CR120195L | Circlip | 2 | |
| 23 | ERC5146 | Belt driving | 1 | NON AIR CON |
| | ETC4272 | Belt driving | 1 | AIR CON |
| | AEU4119 | Washer Special-Banjo | 2 | |

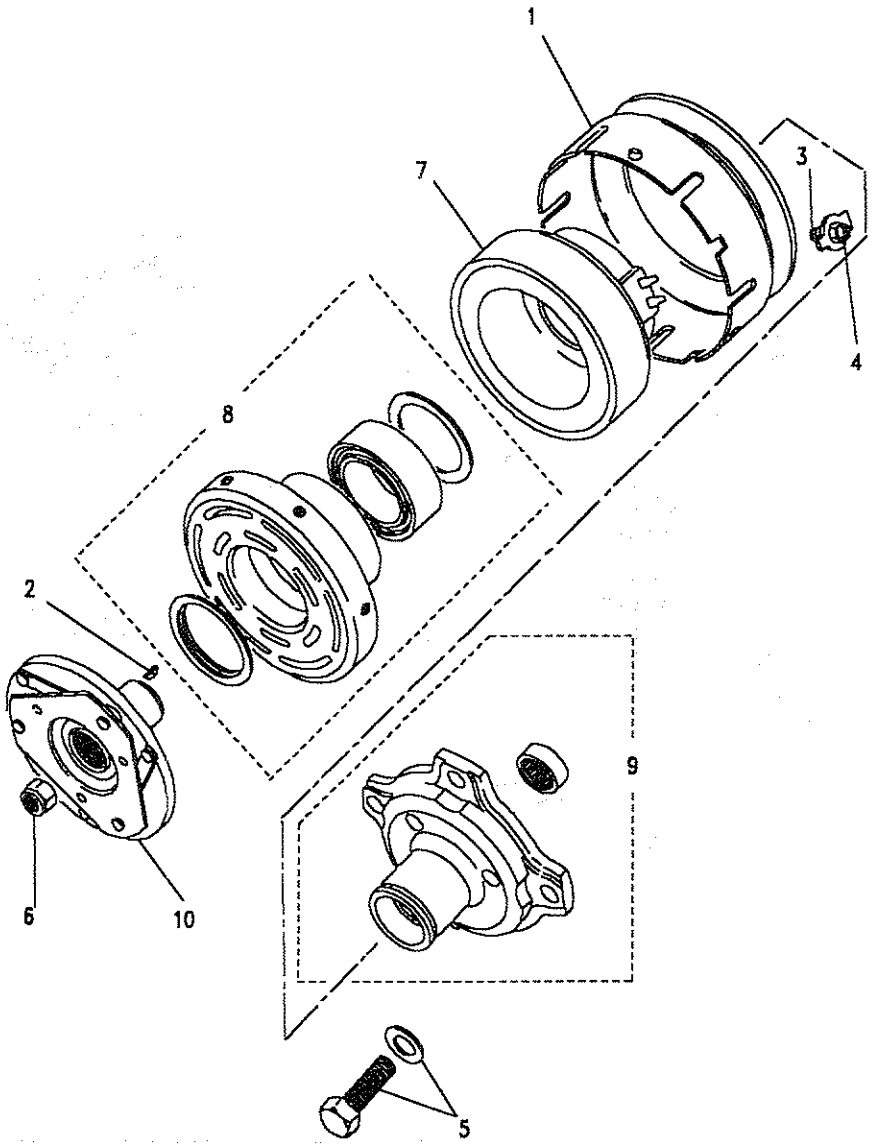
Note(1) ADWEST/pump not available use ETC9077 on page 157




**Model** DEFENDER 90
**Page** ADBGNC2A

## ENGINE - POWER STEERING PUMP - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC9077 | Pump power steering | 1 | )UptoJUNE1989 |
| | RTC5674 | Banjo | 1 | ) |
| | RTC5675 | Washer sealing | 2 | ) |
| 1 | NTC8287 | Pump power steering | 1 | )fromJUNE1989 )UptoJULY1992 |
| 1 | NTC9070 | Pump power steering | 1 | From JULY1992 |
| 2 | ERC6974 | Bracket | 1 | UptoJUNE1989 |
| | ETC8854 | Bracket | 1 | FromJUNE1989 |
| 3 | FS106201L | Screw-pump to bracket | 4 | |
| 4 | SH108251L | Screw-pump to bracket | 3 | |
| 5 | WA108051L | Washer-pump to bracket | 2 | |
| 6 | WL106001L | Washer spring | 4 | |
| 7 | WL108001L | Washer spring | 3 | |
| 8 | ETC5783 | Pulley | 1 | |
| 9 | SH108141L | Screw-pulley to pump | 3 | |
| 10 | WL108001L | Washer spring | 3 | |
| 11 | ETC5944 | Plate mounting | 1 | |
| 11 | ERR1976 | Plate mounting | 1 | Upto JULY1992 |
| | ERR2605 | Plate mounting | 1 | From JULY1992 |
| 12 | ETC5815 | Belt-power steering pump | 1 | |
| 13 | BH108181L | Bolt | 1 | |
| 14 | SH108251L | Screw | 2 | |
| | SH108301L | Screw | 1 | |
| 15 | WL108001L | Washer spring | 4 | |
| 16 | STC1633 | Kit seal (ETC9077) | 1 | |

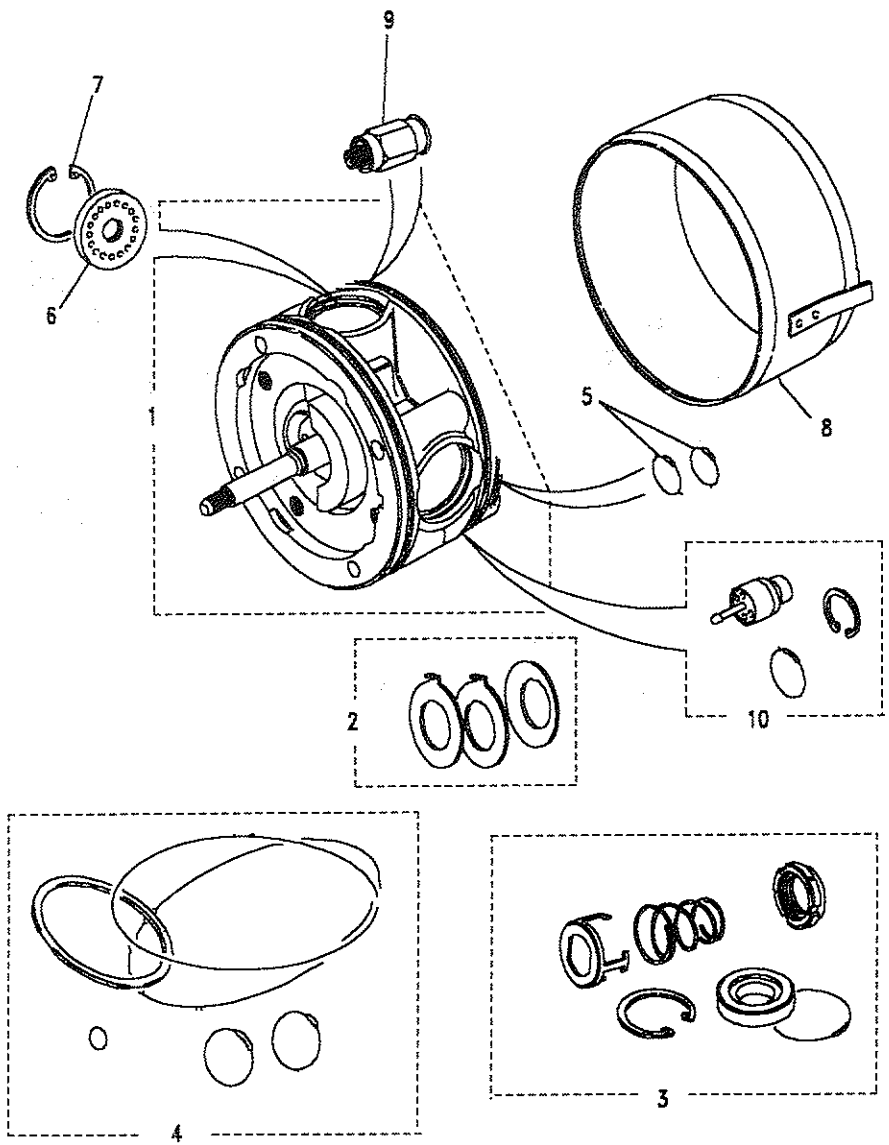



**Model** DEFENDER 90
**Page** ADBGNE1A

## ENGINE - AIR CONDITIONING COMPRESSOR - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | BTR9419 | Compressor assembly | 1 | Note(2) |
| | ERC6480 | Compressor assembly | 1 | Note(1) |
| 1 | AEU1782 | Pulley rim | 1 | |
| 2 | AEU1694 | Key-clutch hub | 1 | |
| 3 | AEU1780 | Screw-rim mounting | 6 | |
| 4 | AEU1779 | Washer-rim mounting | 6 | |
| 5 | AEU1784 | Screw and washer assy | 4 | |
| 6 | AEU1775 | Nut-shaft | 1 | |
| 7 | AEU1778 | Coil and housing assy | 1 | |
| 8 | AEU1777 | Rotor and bearing assy | 1 | |
| 9 | AEU1785 | Front head/bearing assy | 1 | |
| 10 | AEU1776 | Clutch assembly | 1 | |

Note(1) Up to VIN MA949374
Note(2) From VIN MA949375

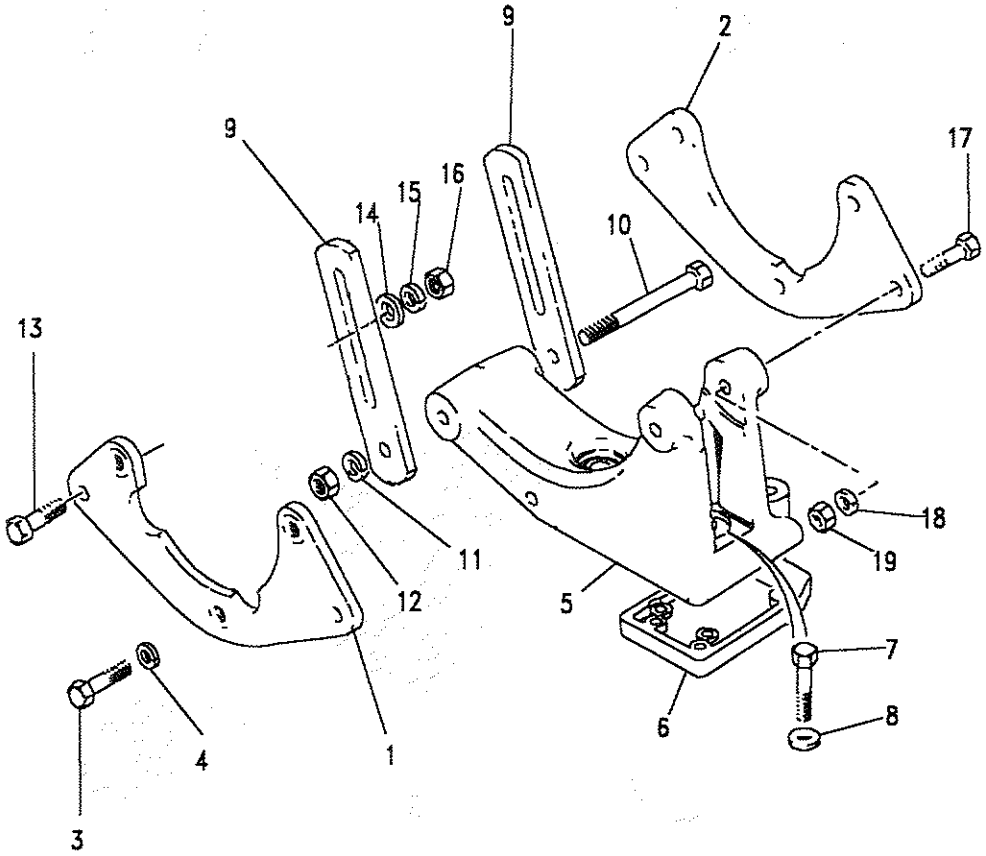



**Model** DEFENDER 90
**Page** ADBGNE2A

**ENGINE - AIR CONDITIONING COMPRESSOR - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | BTR9419 | Compressor assembly | 1 | Note(2) |
| | ERC6480 | Compressor assembly | 1 | Note(1) |
| 1 | AEU1792 | Kit-cylinder and shaft | 1 | |
| 2 | AEU1791 | Kit-thrust washers | 1 | |
| 3 | AEU1790 | Kit-shaft seal | 1 | |
| 4 | AEU1192 | Kit-'O' rings | 1 | |
| 5 | AEU1690 | 'O' ring-ports | 2 | |
| 6 | AEU1788 | Plate valve assembly | 4 | |
| 7 | AEU1787 | Ring retaining | 4 | |
| 8 | AEU1786 | Shell assembly | 1 | |
| 9 | AEU1689 | Valve pressure release | 1 | |
| 10 | AEU1688 | Kit-superheat switch | 1 | |
| | ETC4371 | Belt-timing | 1 | |
| | AEU1691 | Oil-525 visc/2pt-(1136ml) | A/R | |

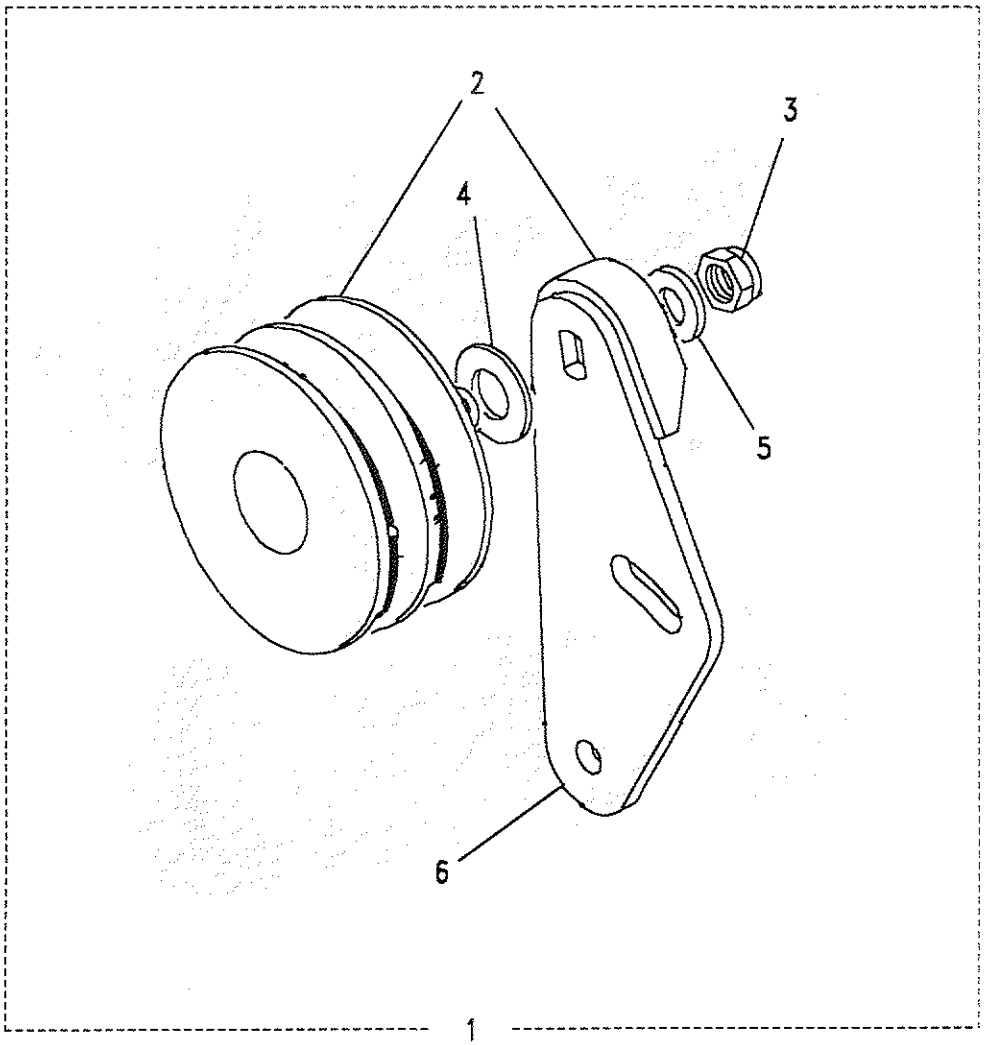
Note(1) Up to VIN MA949374
Note(2) From VIN MA949375




**Model** DEFENDER 90
**Page** ADBGNE3A

## ENGINE - COMPRESSOR FIXINGS - 2.5 DIESEL

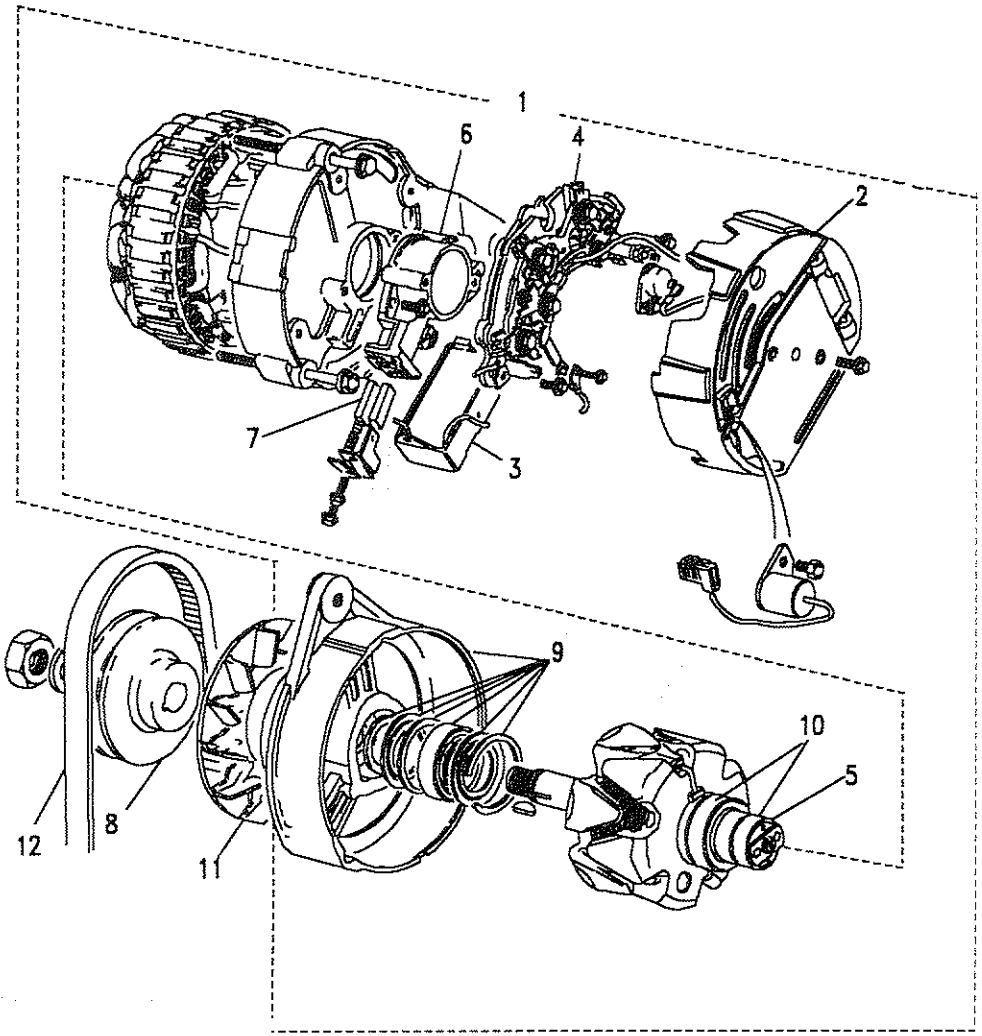
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC7082 | Plate mounting front | 1 | |
| 2 | ERC5152 | Plate mounting rear | 1 | |
| 3 | BH110201L | Bolt compressor to plate | 3 | |
| 4 | WL110001L | Washer spring | 3 | |
| 5 | ERR3091 | Bracket mounting | 1 | |
| 6 | ETC4197 | Adaptor plate bracket | 1 | |
| 7 | BH110101L | Bolt bracket to cover | 4 | |
| 8 | WA110061L | Washer plain | 4 | |
| 9 | ERC5155 | Link adjusting | 2 | |
| 10 | BH108181L | Bolt link to bracket | 1 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | NH108041L | Nut | 1 | |
| 13 | SH108251L | Screw link to plate | 2 | |
| 14 | WA108051L | Washer | 2 | |
| 15 | WL108001L | Washer spring | 2 | |
| 16 | NH108041L | Nut | 2 | |
| 17 | FB108081L | Bolt bracket to [lates | 2 | |
| 18 | WL108001L | Spring Washer | 2 | |
| 19 | NH108041L | Nut | 2 | |




**Model** DEFENDER 90
**Page** ADBGNE4A

**ENGINE - AIR CONDITIONING IDLER PULLEY - 2.5 DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7756 | Pulley damper assembly | 1 | |
| 2 | 554971 | Pulley | 1 | |
| 3 | RTC6077 | Nut | 1 | |
| 4 | 4095 | Washer plain | 1 | |
| 5 | WB108051L | Washer plain | 1 | |
| 6 | ETC4212 | Plate mounting | 1 | |

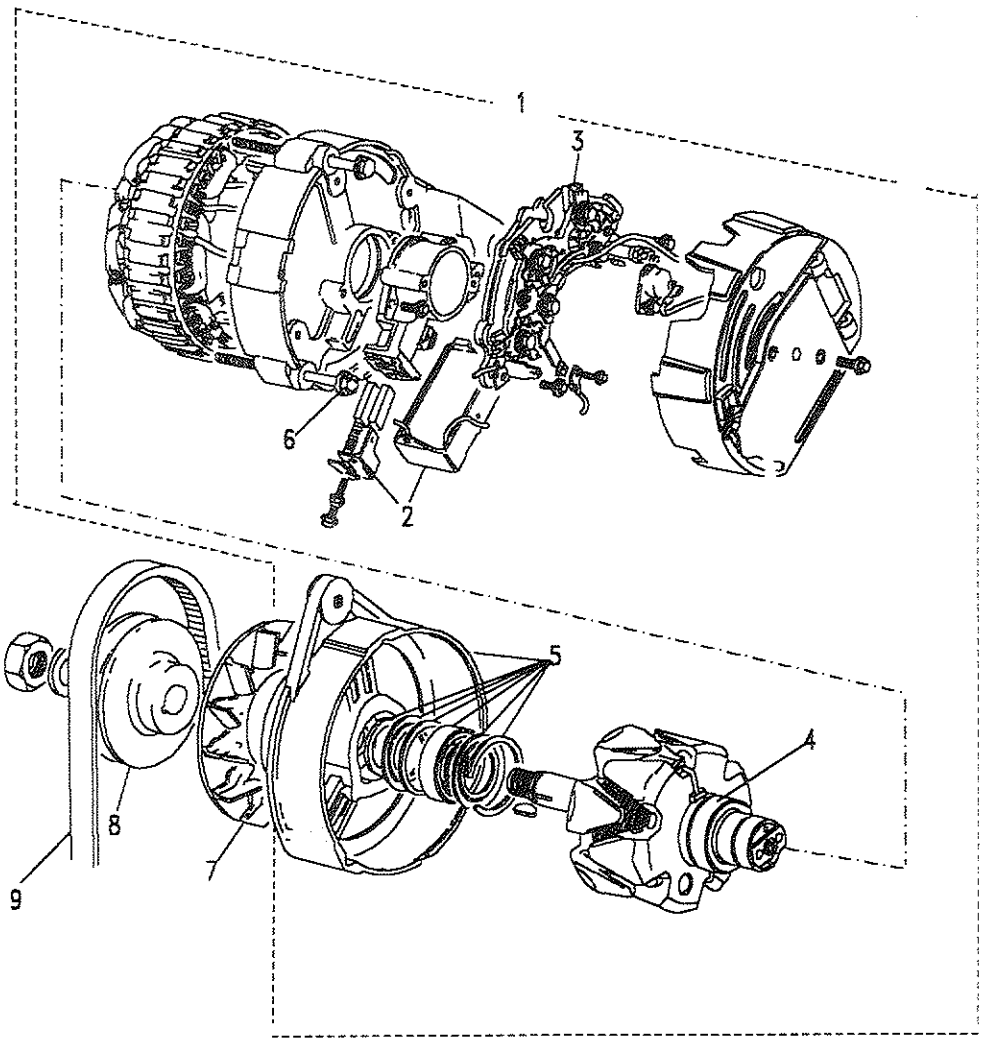



**Model** DEFENDER 90
**Page** ADBGPC1A

## ENGINE - ALTERNATOR - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5083E | Alternator A115/45 | 1 | Note(1) |
| 2 | AEU2507 | Cover | 1 | |
| 3 | AEU3076 | Regulator | 1 | |
| 4 | BAU1825 | Rectifier | 1 | |
| 5 | BAU2193 | Slip ring | 1 | |
| 6 | BAU2195 | Brush box | 1 | |
| 7 | RTC3215 | Brush set | 1 | |
| 8 | 568788 | Pulley | 1 | |
| 9 | 18G8619L | Kit bearing drive end | 1 | |
| 10 | AEU1532 | Kit slip ring and bearing | 1 | |
| 11 | C37222L | Fan | 1 | |
| 12 | ETC7939 | Belt fan | 1 | |
| | AEU1706 | Kit screw | 1 | |
| | AEU1710 | Kit sundry parts | 1 | |
| | AEU1942 | Kit spacer | 1 | |

Note(1) LUCAS number LRA356

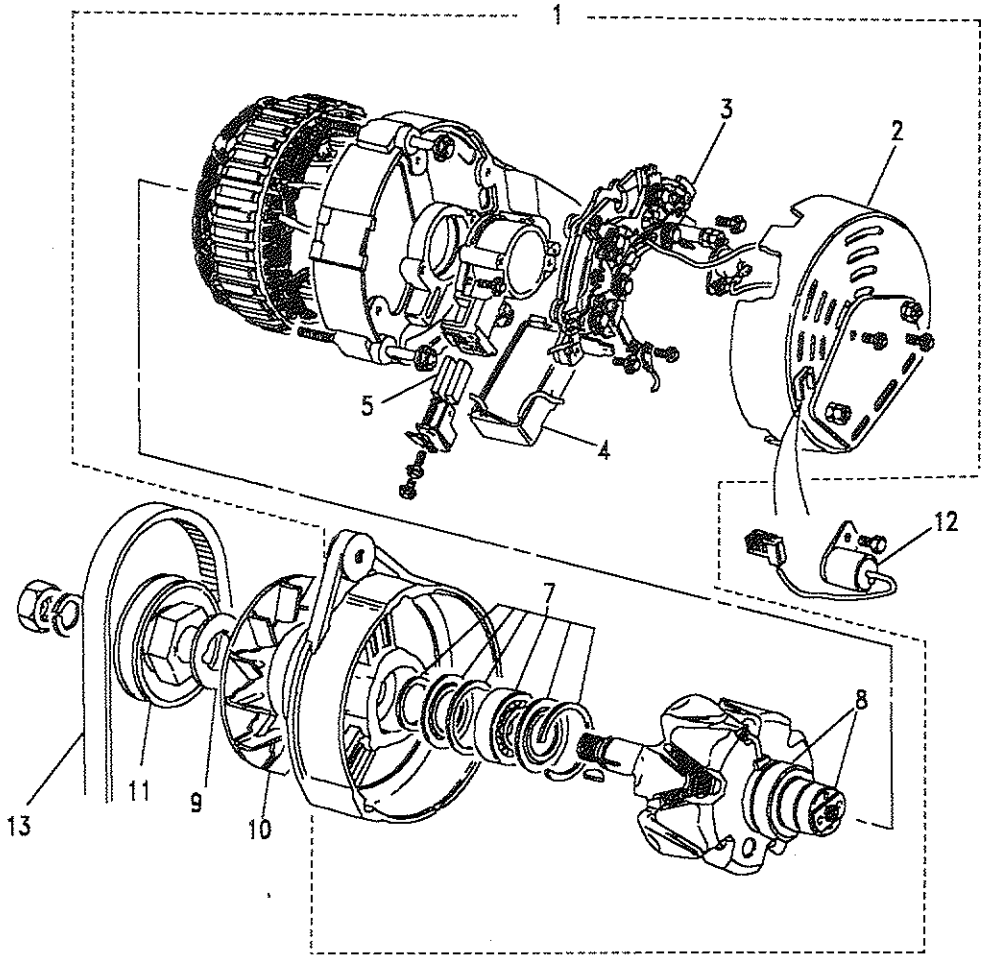



**Model** DEFENDER 90
**Page** ADBGPC3A

## ENGINE - ALTERNATOR - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5682N | Alternator A127/45 | 1 | Note(1) |
| | RTC5682E | Alternator A127/45 | 1 | |
| 2 | RTC5670 | Regulator and brush box | 1 | |
| 3 | RTC5684 | Rectifier | 1 | |
| 4 | RTC5047 | Bearing slip ring end | 1 | |
| 5 | RTC5687 | Bracket | 1 | |
| 6 | RTC5046 | Kit through bolts | 1 | |
| 7 | RTC5685 | Fan | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ETC7939 | Belt fan | 1 | |
| | RTC5689 | Spacer pulley | 1 | |

Note(1) LUCAS number 24199

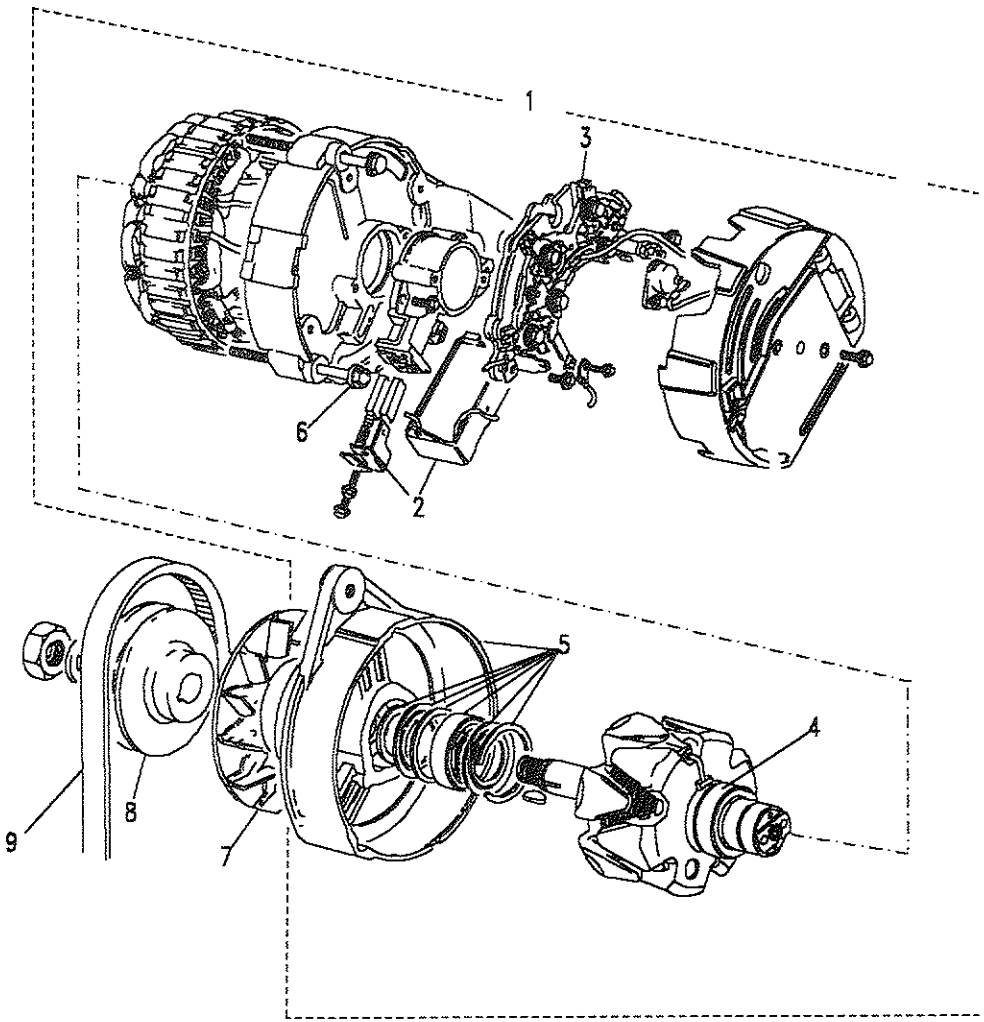



**Model** DEFENDER 90
**Page** ADBGPC4A

## ENGINE - ALTERNATOR - 2.5 DIESEL - AIR CON

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5218E | Alternator A133/65 | 1 | Note(1) |
| 2 | AEU1725 | Cover | 1 | |
| 3 | AEU3076 | Regulator | 1 | |
| 4 | AEU1527 | Rectifier | 1 | |
| 5 | RTC3292 | Brush set | 1 | |
| 6 | STC130 | Surge protection device | 1 | |
| 7 | AEU1726 | Kit bearing drive end | 1 | |
| 8 | AEU1532 | Kit bearing slip ring | 1 | |
| 9 | AEU1710 | Kit sundry parts | 1 | |
| | ERC8987 | Nut special | 1 | |
| 10 | ADU4928L | Fan | 1 | |
| 11 | ERC8986 | Pulley | 1 | |
| 12 | AEU1616 | Capacitor suppressor | 1 | |
| 13 | ETC7939 | Belt fan | 1 | |
| | AEU1706 | Kit screw | 1 | |
| | AEU1708 | Kit spacer | 1 | |
| | AEU1709 | Kit terminal | 1 | |

Note(1) LUCAS number LRA406

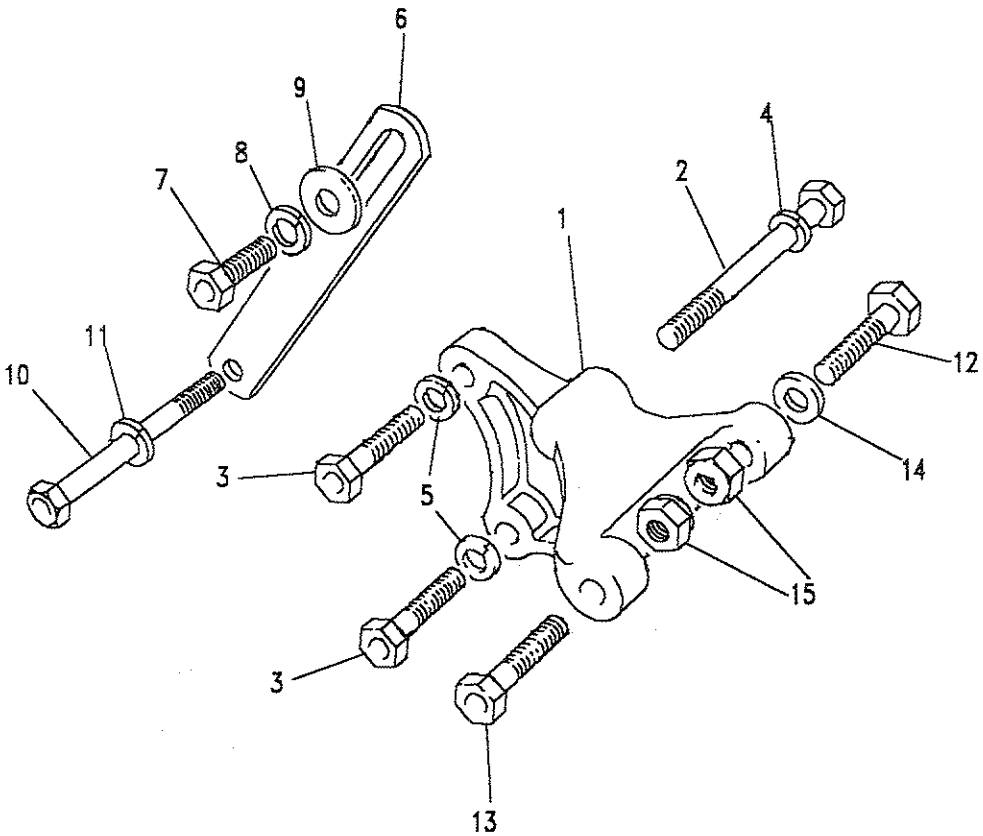



**Model** DEFENDER 90
**Page** ADBGPC5A

**ENGINE - ALTERNATOR - 2.5 DIESEL - AIR CON**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5680N | Alternator A127/65 | 1 | Note(1) |
| | RTC5680E | Alternator A127/65 | 1 | |
| 2 | RTC5670 | Regulator and brush box | 1 | |
| 3 | RTC5671 | Rectifier | 1 | |
| 4 | RTC5047 | Bearing slip ring end | 1 | |
| 5 | RTC5687 | Bracket | 1 | |
| 6 | RTC5046 | Kit through bolts | 1 | |
| 7 | AAU2249L | Fan | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ETC7939 | Belt fan | 1 | |
| | RTC5689 | Spacer pulley | 1 | |

Note(1) LUCAS number 24220

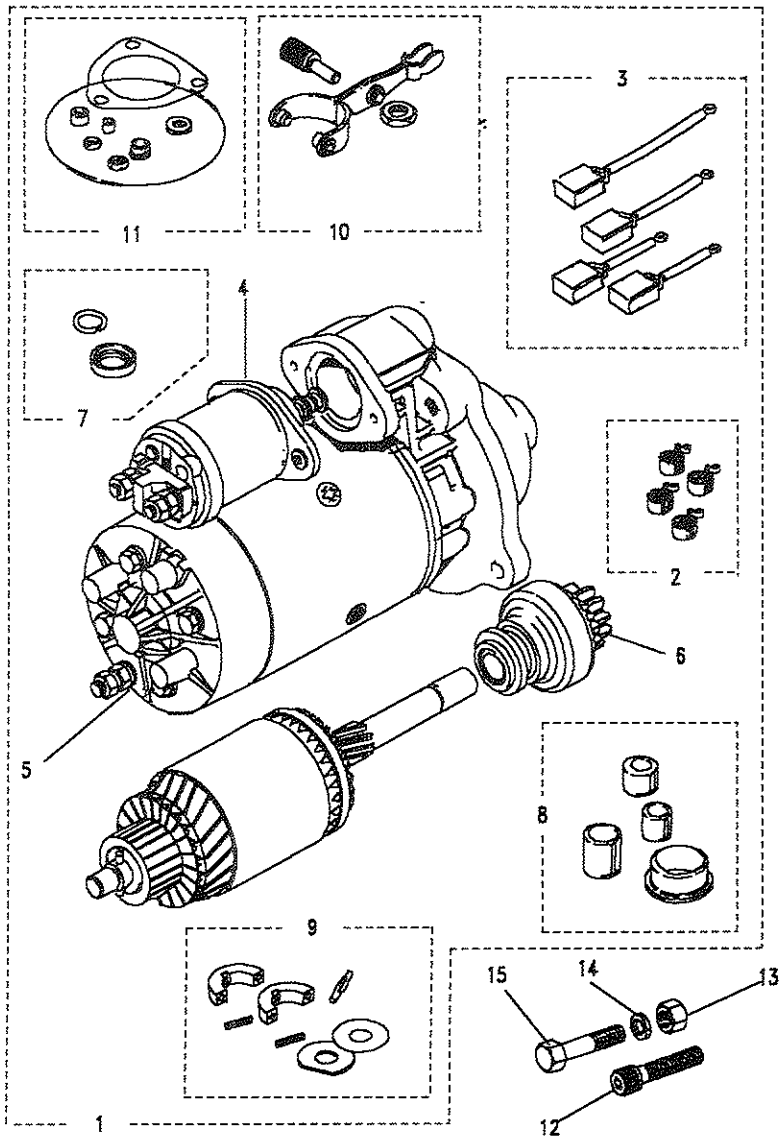



**Model** DEFENDER 90
**Page** ADBGPC6A

## ENGINE - ALTERNATOR FIXINGS - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4357 | Bracket mounting | 1 | |
| 2 | BH108161L | Bolt bracket to block | 1 | |
| 3 | SH110301L | Bolt bracket to block | 2 | |
| 4 | WL108001L | Washer | 1 | |
| 5 | WL108001L | Washer | 2 | |
| 6 | ERC5139 | Link adjusting | 1 | Note(1) |
| | ERC6266 | Link adjusting | 1 | Note(2) |
| 7 | FS108201L | Screw link to alternator | 1 | |
| 8 | WL108001L | Washer spring | 1 | |
| 9 | 2266L | Washer | 1 | |
| 10 | ERC8964 | Bolt link to block | 1 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | BH108081L | Bolt bracket to block | 1 | |
| 13 | BH108091L | Bolt bracket to block | 1 | |
| 16 | ERC7974 | Spacer | 1 | |
| 14 | WC108051L | Washer | 1 | |
| 15 | NY108041L | Nut nyloc | 2 | |

Note(1) Use with A115 and A113 type ALTERNATORS
Note(2) Use with A127 type ALTERNATORS

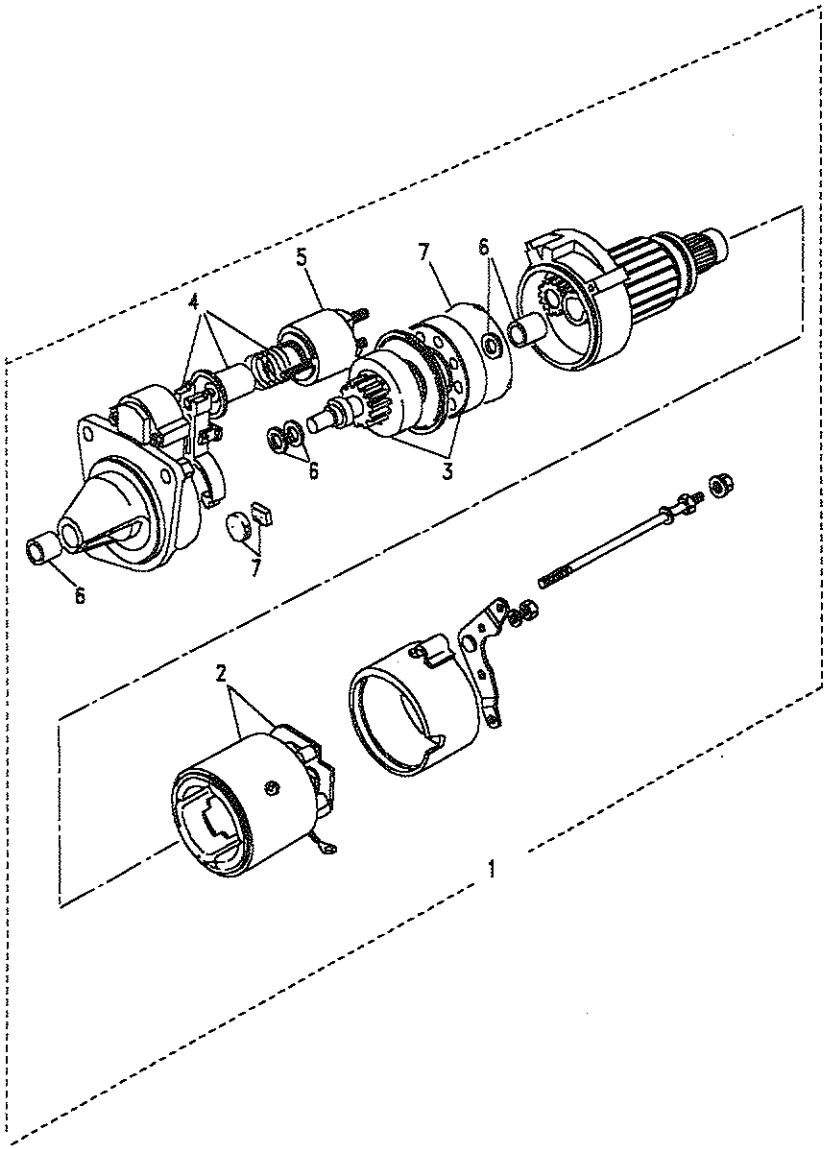



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**Page** ADBGPE1A

## ENGINE - STARTER MOTOR - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5249N | Starter motor | 1 | Note(1) |
| 1 | RTC5249E | Starter motor | 1 | |
| 2 | 27H5932L | Brush spring | 1 | |
| 3 | AEU4151 | Kit brush | 1 | |
| 4 | STC1518 | Solenoid | 1 | |
| 5 | AEU4147 | Bracket assembly | 1 | |
| 6 | AEU2792 | Drive assembly | 1 | |
| 7 | AEU4148 | Kit-retention | 1 | |
| 8 | AEU4149 | Kit-bush | 1 | |
| 9 | 37H6171L | Kit-brake | 1 | |
| 10 | AEU1613 | Kit-engaging lever | 1 | |
| 11 | 37H7618L | Kit-sealing | 1 | |
| 12 | SH110301L | Screw | 1 | |
| 13 | NH110041L | Nut | 2 | |
| 14 | WL110001L | Washer spring | 3 | |
| 15 | BH110091L | Bolt | 4 | |
| | AEU4150 | Kit sundry parts | 1 | |

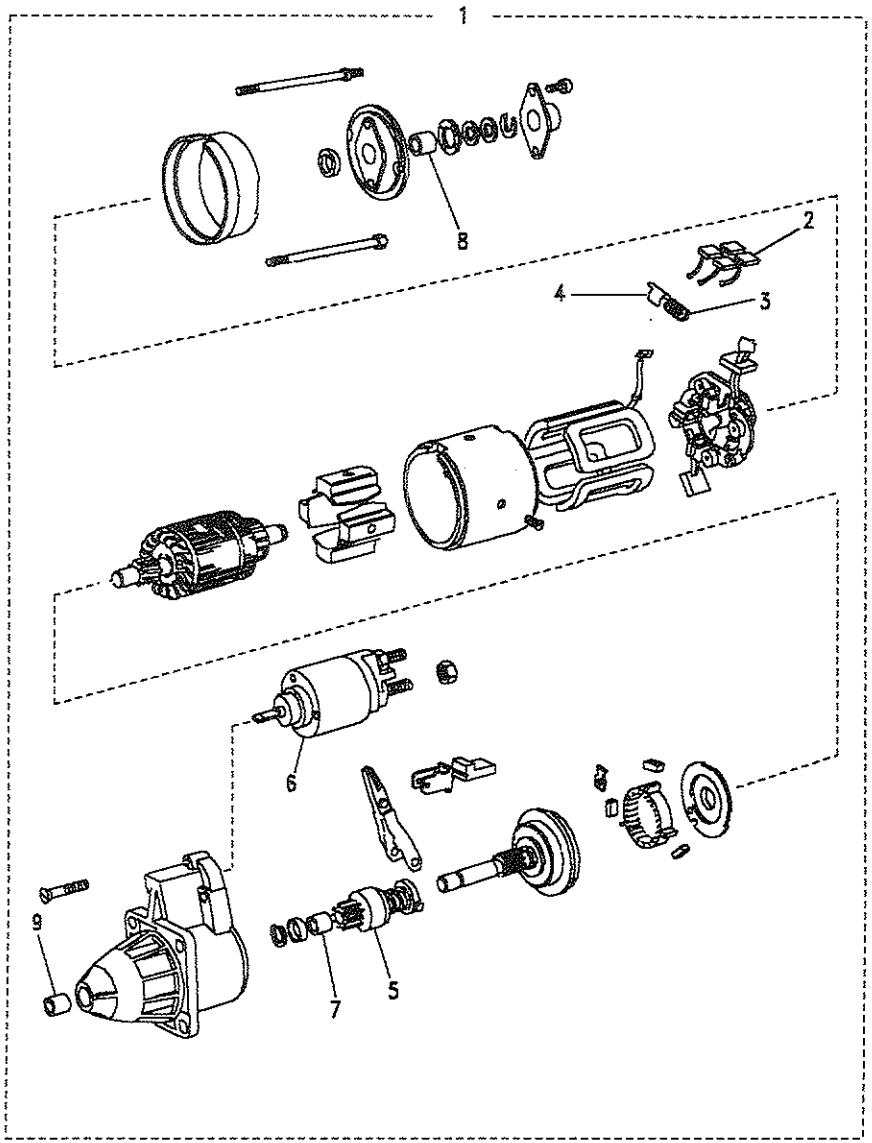
Note(1) LUCAS number 27460




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## ENGINE - STARTER MOTOR - 2.5 DIESEL

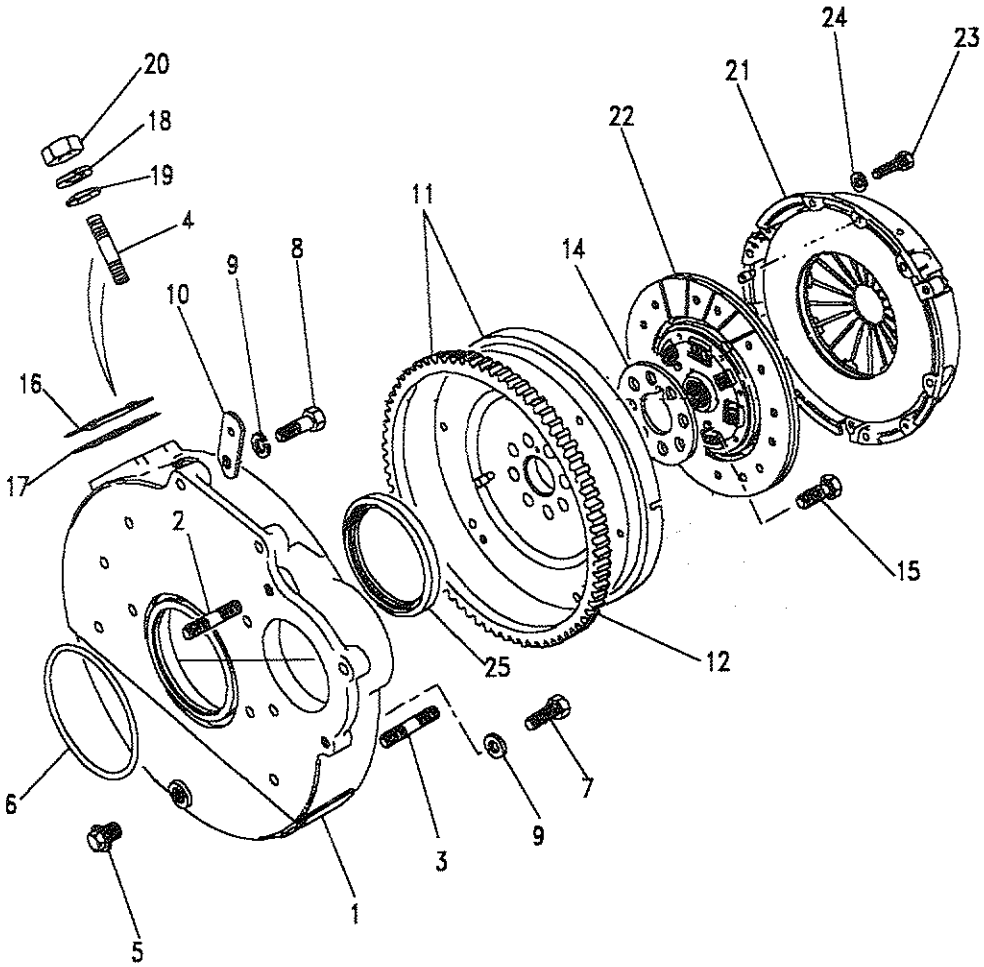
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used up to 12J52162c** | | | | |
| 1 | PRC5109N | Starter motor-D9R91 | 1 | PARIS RHONE |
| | PRC5109E | Starter motor-exchange | 1 | |
| 2 | RTC4981 | Inductor with brush | 1 | |
| 3 | RTC4982 | Pinion drive assembly | 1 | |
| 4 | RTC4979 | Lever shift assembly | 1 | |
| 5 | RTC4978 | Solenoid | 1 | |
| 6 | RTC4980 | Kit repair | 1 | |
| 7 | RTC4983 | Kit gasket | 1 | |
| | PRC5538 | Cable earth | 1 | |
| | SH110301L | Screw-starter to flywheel | 1 | |
| | NH110041L | Nut-starter | 2 | |
| | WL110001L | Washer spring | 3 | |
| | BH110091L | Bolt-starter to flywheel | 4 | |




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**Page** ADBGPE3A

**ENGINE - STARTER MOTOR - 2.5 DIESEL**

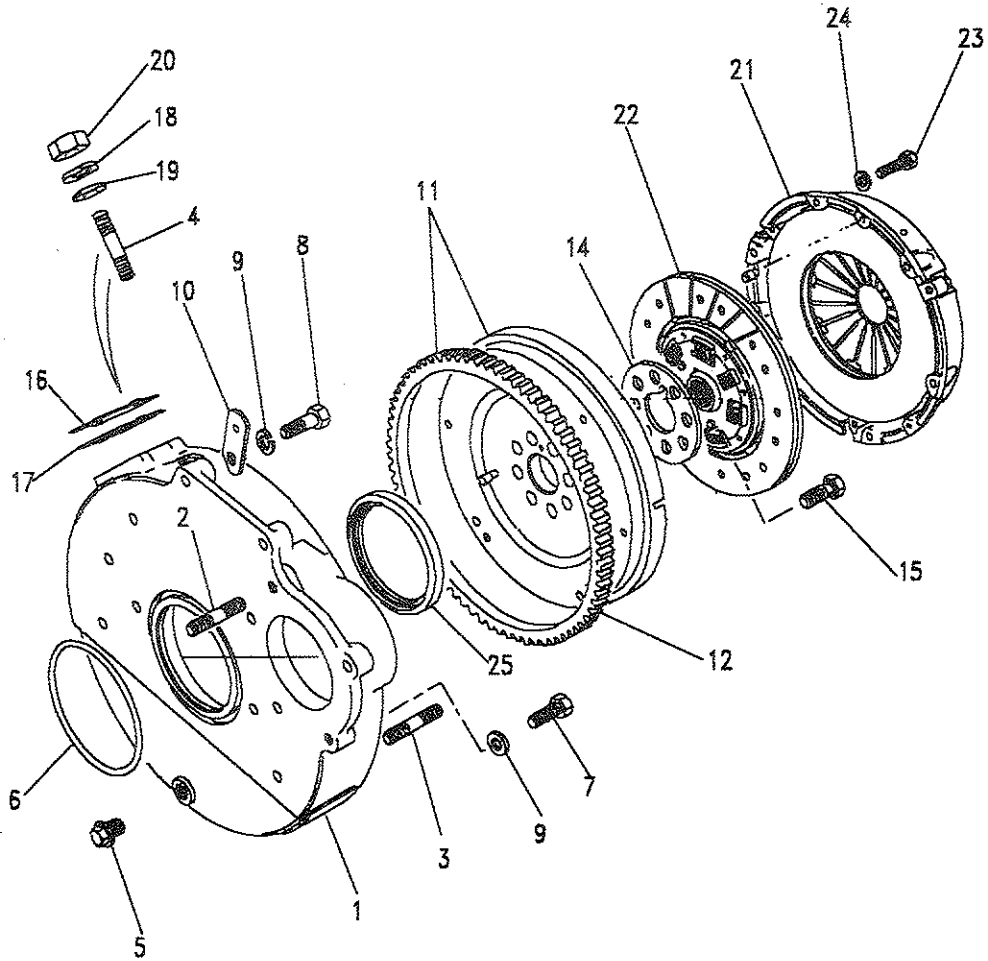
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used from 12J52163C** | | | | |
| 1 | ERR5009 | Starter motor | 1 | |
| 2 | STC1246 | Brush set | 1 | |
| 3 | STC1254 | Spring compression | 4 | |
| 4 | STC1247 | Guide brush | 4 | |
| 5 | STC1244 | Drive assembly | 1 | |
| 6 | STC1245 | Solenoid | 1 | |
| 7 | STC1250 | Bush | 2 | |
| 8 | STC1251 | Bush | 1 | |
| 9 | STC1255 | Bush | 1 | |




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**Page** ADBGRA1A

## ENGINE - FLYWHEEL AND CLUTCH - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7336 | Flywheel housing assembly | 1 | UptoJAN1993 |
| | ERR3920 | Flywheel housing assembly | 1 | FromJAN1993 |
| 2 | TE110061L | Stud bell housing | 11 | |
| 3 | ERC9240 | Stud starter motor | 1 | |
| 4 | TE106041L | Stud inspection cover | 2 | Note(1) |
| 5 | ERC7295 | Plug | 2 | |
| 6 | ERC6432 | 'O'ring flywheel housing | 1 | Note(1) |
| | NH110041L | Nut | 11 | |
| 7 | SH110301L | Screw housing to block | 6 | |
| 8 | BH110091L | Bolt housing to block | 2 | |
| 9 | WA110061L | Washer housing to block | 8 | |
| 10 | ERC9404 | Bracket harness clip | 2 | |
| 11 | ETC5780 | Flywheel assembly | 1 | |
| 12 | 568431 | Starter ring | 1 | |
| 13 | 502116 | Dowel | 3 | |




**Model** DEFENDER 90
**Page** ADBGRA1A

## ENGINE - FLYWHEEL AND CLUTCH - 2.5 DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 14 | ERC4658 | Plate reinforcement | 1 | ) |
| 15 | ERC6551 | Bolt flywheel | 8 | )Note(2) |
| | ERR4574 | Bolt flywheel | 8 | |
| 16 | 56140 | Plate inspection cover | 1 | ) |
| 17 | 50216 | Washer joint | 1 | ) |
| 18 | WL106001L | Washer spring | 2 | )Note(1) |
| 19 | WA106041L | Washer plain | 2 | ) |
| 20 | NH106041L | Nut inspection plate | 2 | ) |
| 21 | FTC575 | Cover clutch | 1 | |
| 22 | FTC2149 | Plate clutch | 1 | |
| | STC8358 | Kit clutch | 1 | |
| | FTC2149 | Plate | 1 | |
| | FTC575 | Cover | 1 | |
| | FRC9568 | Bearing | 1 | |
| 23 | SX108201L | Screw | 6 | |
| 24 | WL108001L | Washer Spring | 6 | |
| 25 | ERR2532 | Seal oil crankshaft | 1 | |

Note(1) Used up to engine number 12J10960C
Note(2) Only fitted up to Dec 93. The reinforcing plate was found to serve no useful purpose. If replacing use shorter screws ERR4574

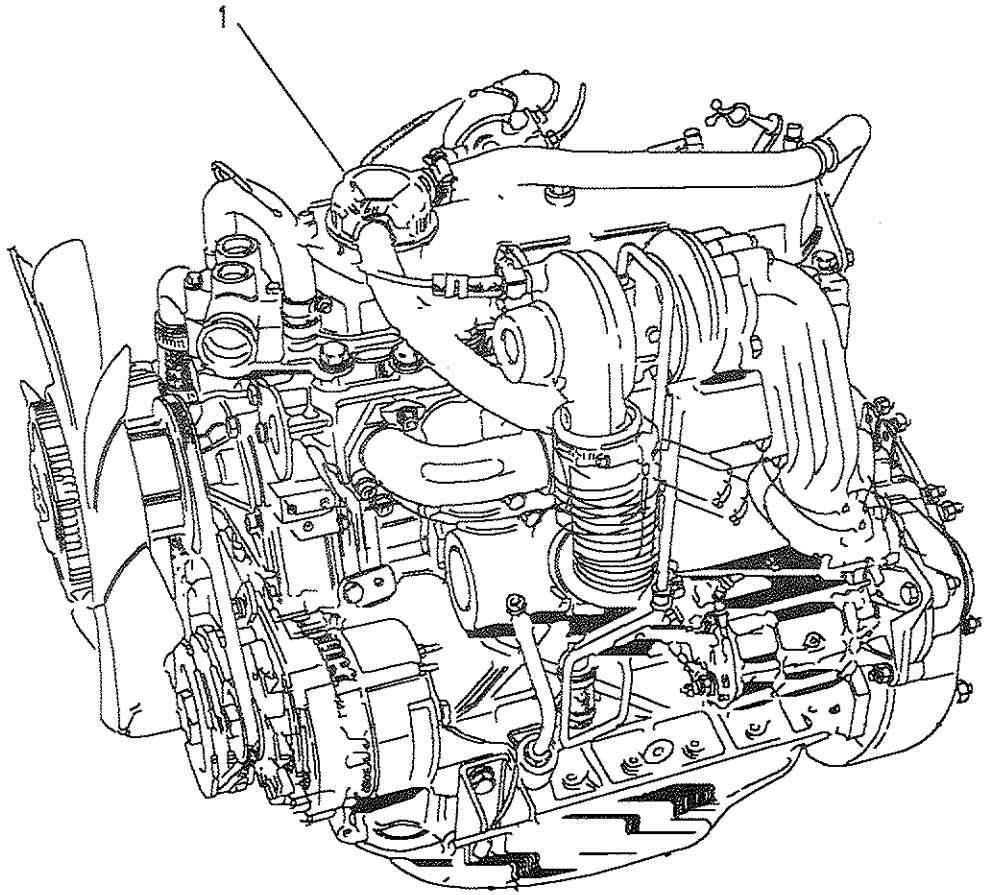
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GROUP B

ENGINE


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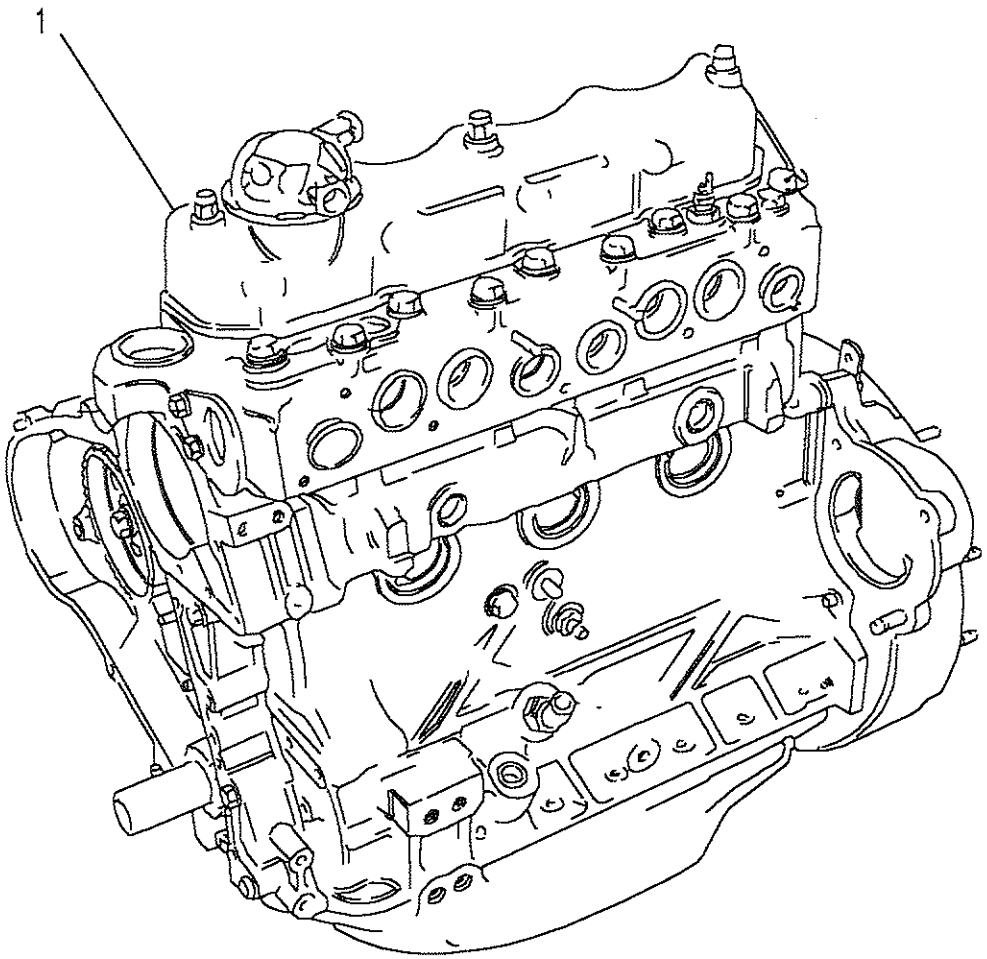



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**Page** ADBHAA1A

## ENGINE - ENGINE COMPLETE - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5700 | Engine complete assembly | 1 | Note(1) |
| | ETC6881 | Engine complete assembly | 1 | Note(2) |
| | ETC6882 | Engine complete assembly | 1 | Note(3) |
| | ETC6883 | Engine complete assembly | 1 | Note(4) |
| | ETC6884 | Engine complete assembly | 1 | Note(5) |
| | ETC6885 | Engine complete assembly | 1 | Note(6) |
| | ETC6886 | Engine complete assembly | 1 | Note(7) |
| | ETC6887 | Engine complete assembly | 1 | Note(8) |

Note(1) Serial Number 19J00001C BASIC UK/EUROPE
Note(2) Serial Number 19J00001C with P.A.S. UK/EUROPE
Note(3) Serial Number 19J00001C with AIR CON UK/EUROPE
Note(4) Serial Number 19J00001C with P.A.S.& AIR CON UK/EUROPE
Note(5) Serial Number 19J00001C BASIC REST OF WORLD
Note(6) Serial Number 19J00001C with P.A.S. REST OF WORLD
Note(7) Serial Number 19J00001C with AIR CON REST OF WORLD
Note(8) Serial Number 19J00001C with P.A.S.& AIR CON REST OF WORLD

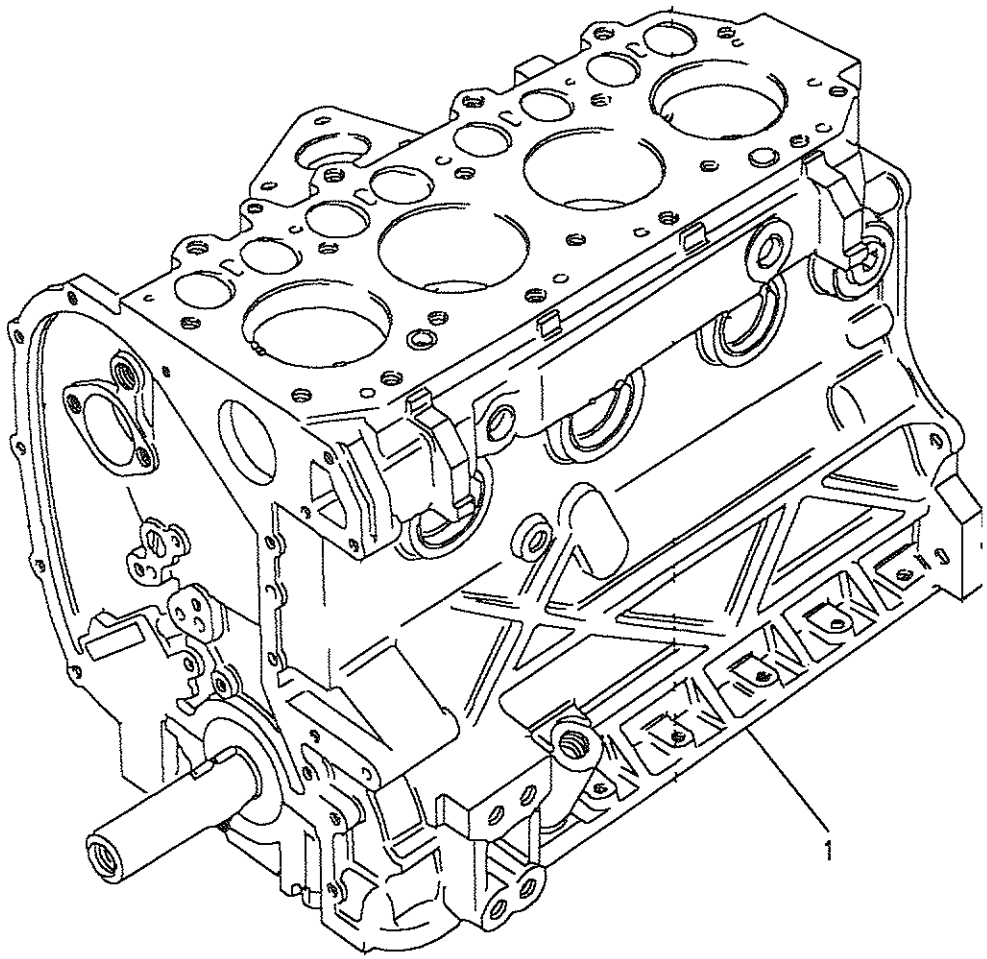



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**ENGINE - ENGINE STRIPPED - 2.5 DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6802N | Engine stripped assy | 1 | |
| | RTC5265R | Engine stripped-recon | 1 | Note(1) |
| | RTC6802R | Engine stripped-recon | 1 | Note(2) |

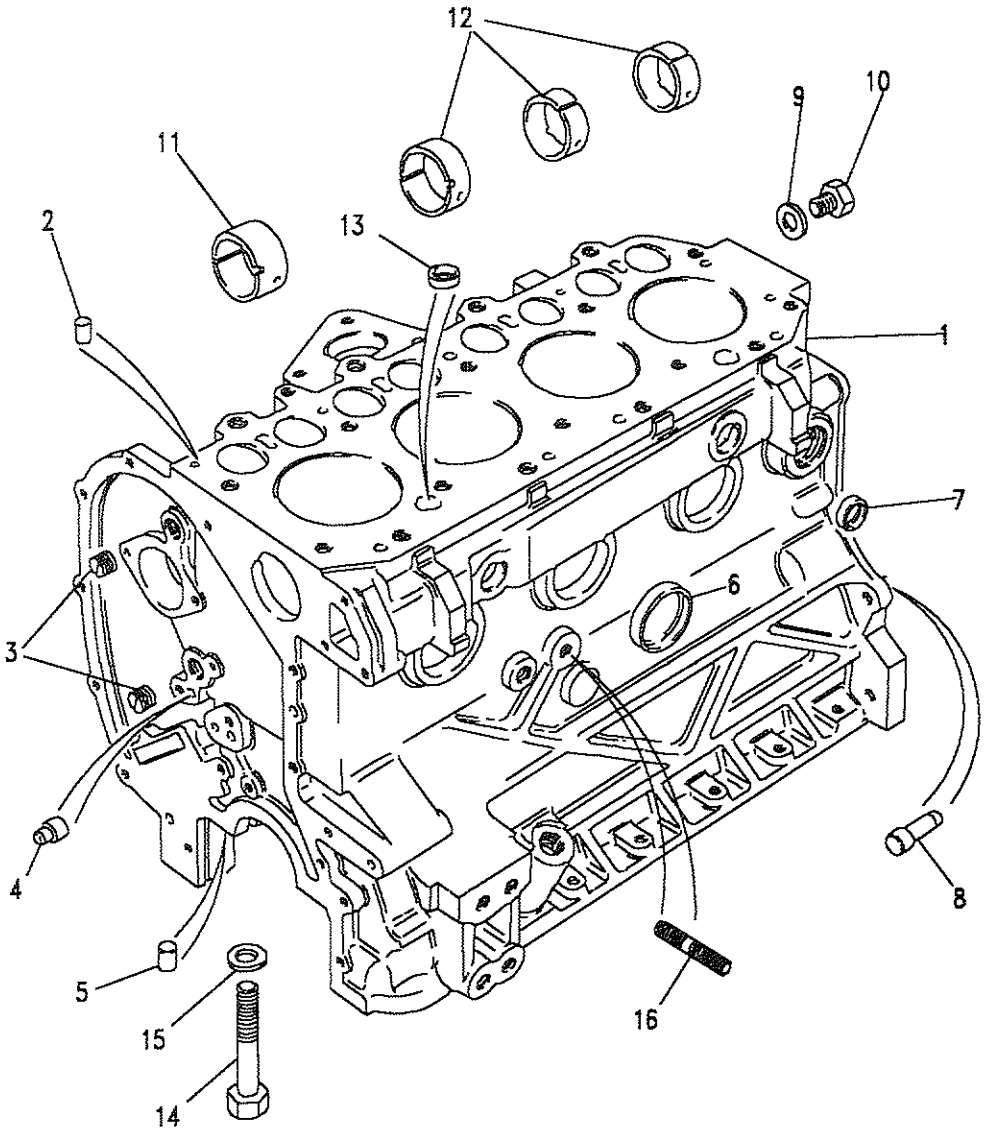
Note(1) Reconditioned unit available up to ENGINE No 19J15451C
Note(2) Reconditioned unit available from ENGINE No 19J15452C




**Model** DEFENDER 90
**Page** ADBHAE1A

**ENGINE - ENGINE SHORT - 2.5 DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6795 | Engine short assembly | 1 | |

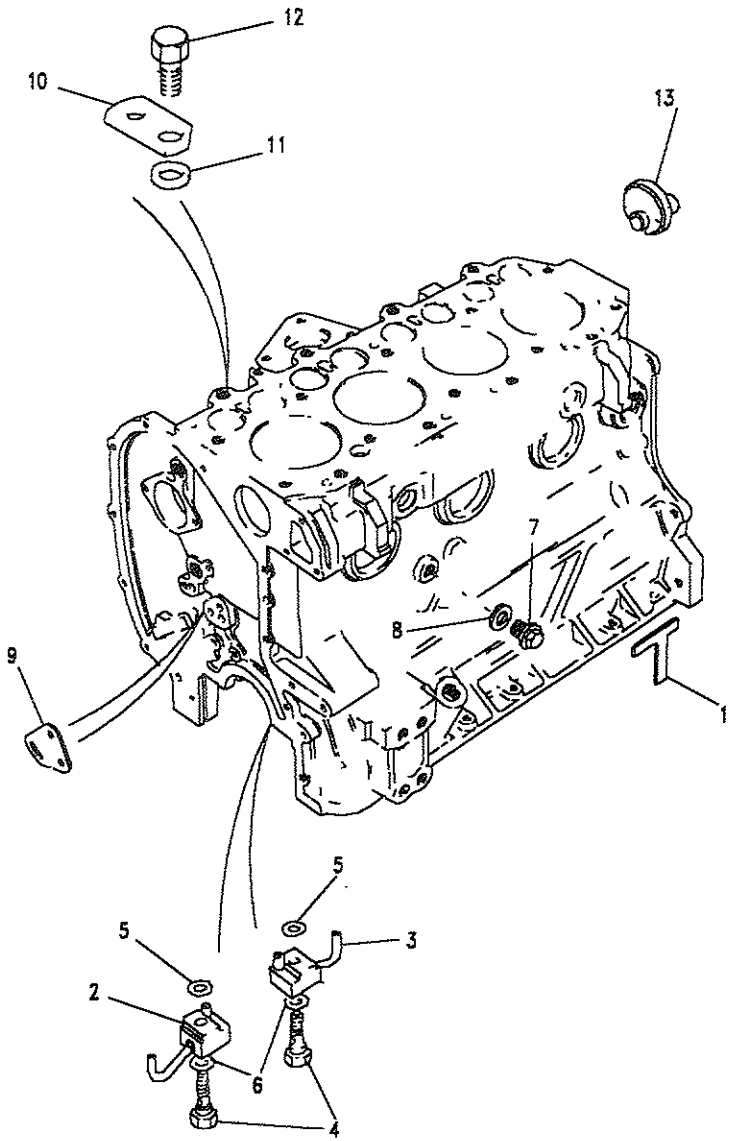



**Model** DEFENDER 90
**Page** ADBHBA1A

## ENGINE - CYLINDER BLOCK - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC8767 | Cylinder block assembly | 1 | Note(1) |
| 2 | 247965 | Plug-tappet feed hole | 1 | |
| 3 | 247127 | Plug-oil gallery | 2 | |
| 4 | ETC4529 | Cup plug | 1 | |
| 5 | 501593 | Dowel-bearing caps | 10 | |
| 6 | ERC4996 | Cup plug-side/ends | 5 | |
| 7 | 597586 | Cup plug-water rail-ends | 3 | |
| 8 | ERC4644 | Dowel flywheel housing | 2 | |
| 9 | 243959 | Washer joint | 2 | |
| 10 | 536577 | Plug-gallery pipe | 2 | |
| 11 | 90519054 | Bearing-camshaft | 1 | |
| 12 | 90519055 | Bearing-camshaft | 3 | |
| 13 | ERC4995 | Cup plug-top | 2 | |
| 14 | ETC7596 | Bolt flanged | 10 | |
| 15 | 504006 | Washer-main bearing cap | 10 | |
| | ERR5034 | Plug-camshaft oil feed | 3 | |
| 16 | TE108031L | Stud-starter motor | 1 | |

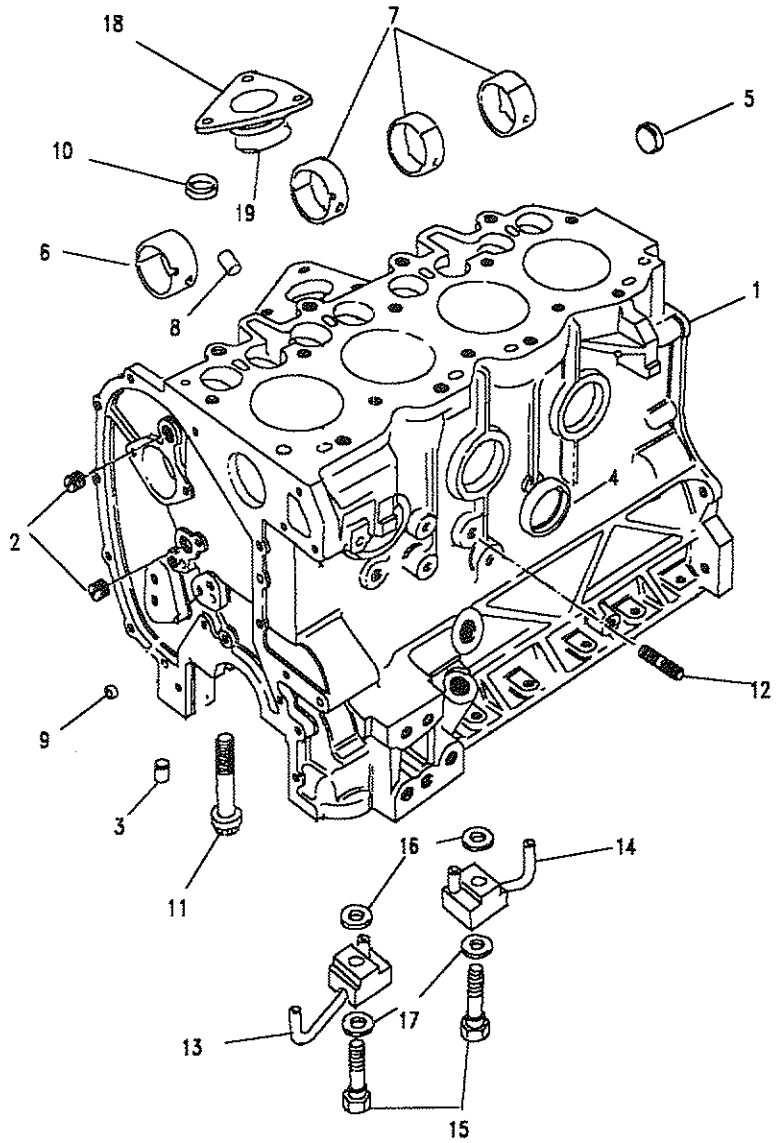
Note(1) This block used up to 19J27514C page 178




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**Page** ADBHBA2A

## ENGINE - CYLINDER BLOCK - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC5086 | Strip packing | 2 | |
| 2 | ETC6531 | Jet assembly No1&No3 cyl | 2 | |
| 3 | ETC6532 | Jet assembly No2&No4 cyl | 2 | |
| 4 | ETC5592 | Valve relief | 4 | |
| 5 | AFU1879L | Washer joint | 4 | |
| 6 | AFU1887L | Washer joint | 4 | |
| 7 | ERC9410 | Plug drain | 1 | |
| 8 | AFU1882L | Washer joint | 1 | |
| 9 | ERC8864 | Gasket | 1 | |
| 10 | ERC9404 | Bracket-cable clip | 1 | |
| 11 | WA108051L | Washer-bracket to block | 1 | |
| 12 | SH108161L | Screw-bracket to block | 1 | |
| 13 | ETC8530 | Breather assembly | 1 | |
| | ETC5755 | Adaptor-oil feed to turbo | 1 | |

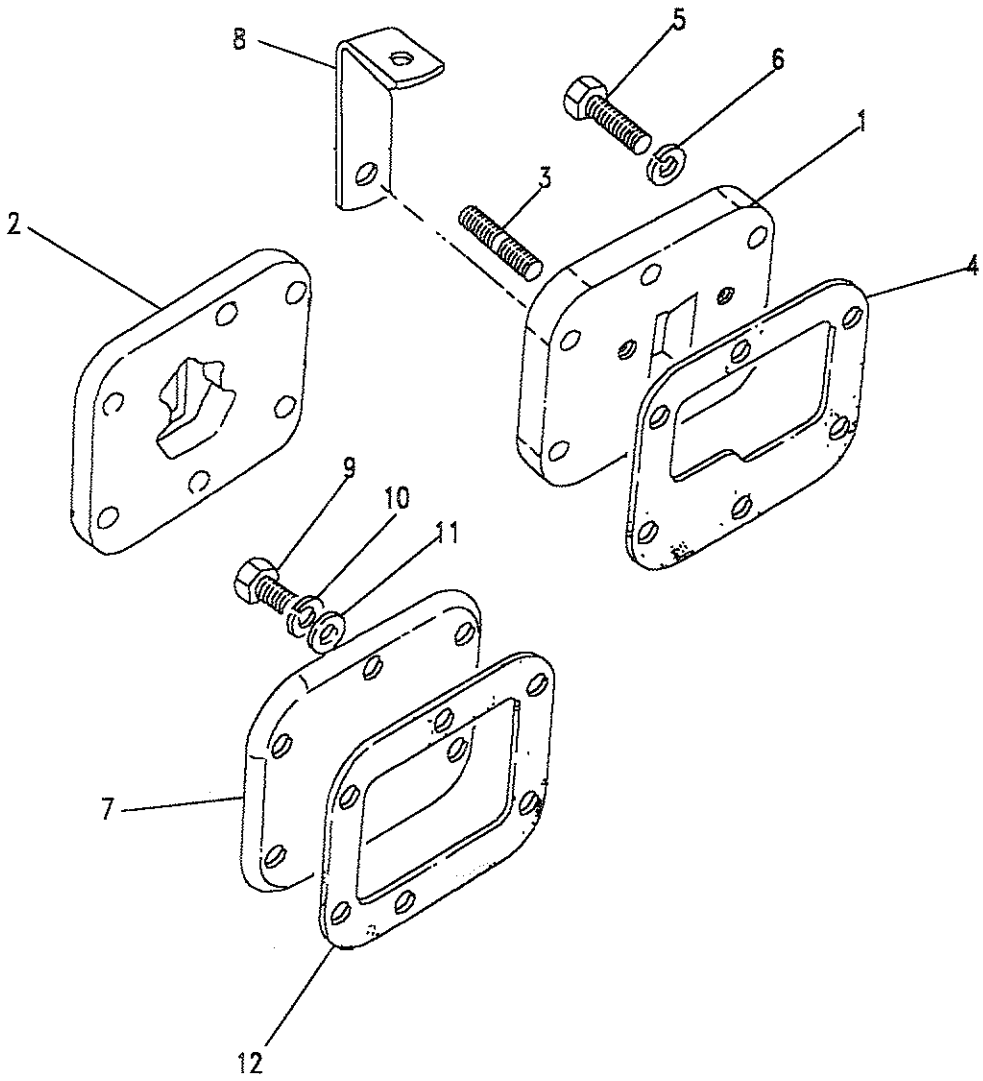



**Model** DEFENDER 90
**Page** ADBHBA3A

## ENGINE - CYLINDER BLOCK - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR479 | Cylinder block assembly | 1 | Note(1) |
| 2 | 247127 | Plug-oil gallery | 1 | |
| 3 | 501593 | Dowel-bearing caps | 10 | |
| 4 | ERC4996 | Cup plug-sides/ends | 6 | |
| 5 | 597586 | Cup plug-water rail ends | 3 | |
| 6 | ETC8442 | Bearing-camshaft | 1 | |
| 7 | 90519055 | Bearing-camshaft | 3 | |
| 8 | ERR5034 | Plug camshaft oil feed | 3 | |
| 9 | ETC4529 | Cup plug | 1 | |
| 10 | ERC4995 | Cup plug | 2 | |
| 11 | ETC8074 | Bolt-main bearing cap | 10 | |
| 12 | TE108031L | Stud-starter motor | 1 | |
| 13 | ETC6531 | Jet assembly No1&No3 cyl | 2 | |
| 14 | ETC6532 | Jet assembly No2&No4 cyl | 2 | |
| 15 | ETC5592 | Valve relief | 4 | |
| 16 | AFU1879L | Washer joint | 4 | |
| 17 | AFU1887L | Washer joint | 4 | |
| 18 | ERR586 | Adaptor-cylinder block | 1 | |
| 19 | ERR531 | O ring-adaptor | 1 | |

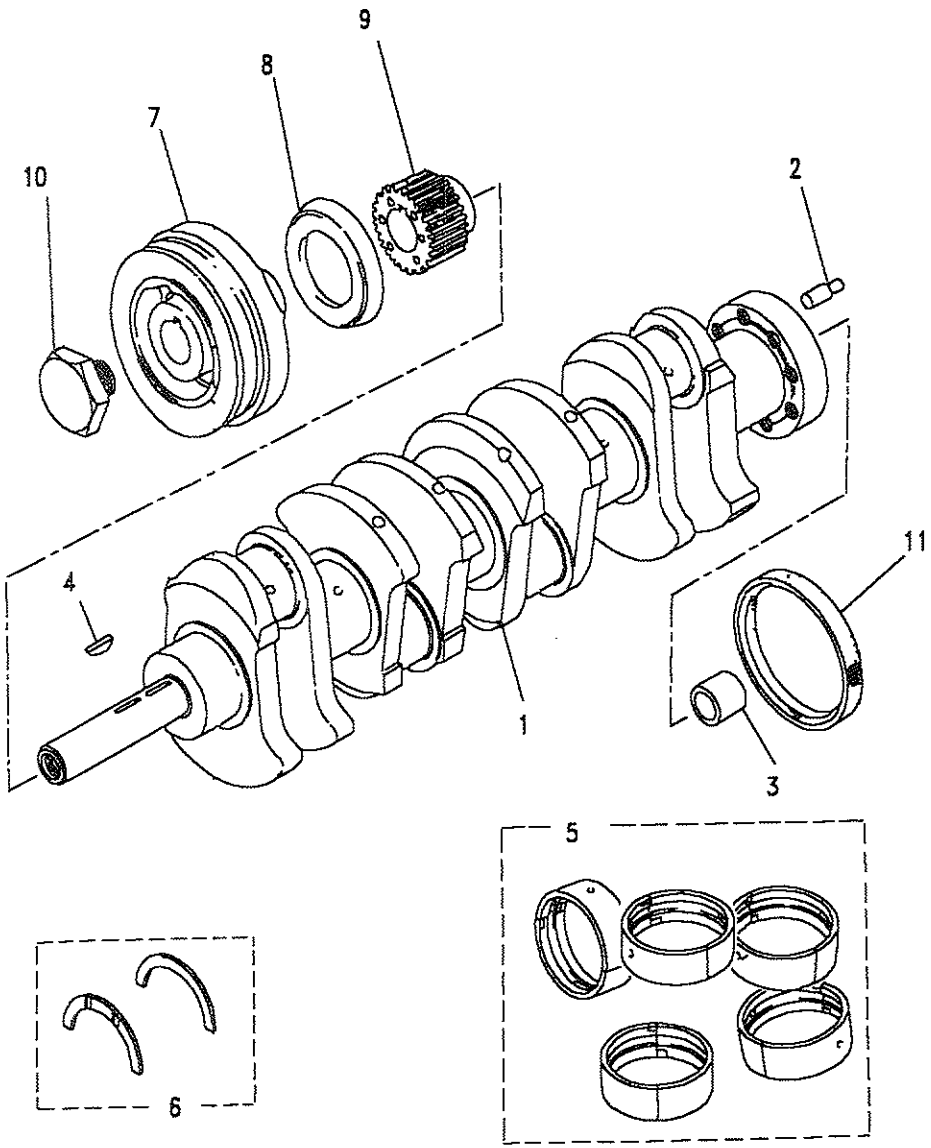
Note(1) This block used from 19J27515C page 176




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**Page** ADBHBC1A

## ENGINE - SIDE COVER - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9073 | Plate cover | 1 | Upto19J14097C |
| 2 | ETC7929 | Plate cover | 1 | From19J14098C |
| 3 | TE108041L | Stud | 2 | |
| 4 | ERR1475 | Washer joint | 1 | |
| 5 | SH108251L | Screw cover to block | 6 | |
| 6 | WL108001L | Washer | 6 | |
| 7 | 541010 | Cover side | 1 | |
| 8 | ERC9480 | Bracket | 1 | |
| 9 | FS108201L | Screw | 3 | |
| | SH108251L | Screw | 3 | |
| 10 | WA108051L | Washer plain | 3 | |
| 11 | WL108001L | Washer spring | 6 | |
| 12 | ERR3605 | Gasket side cover | 1 | |

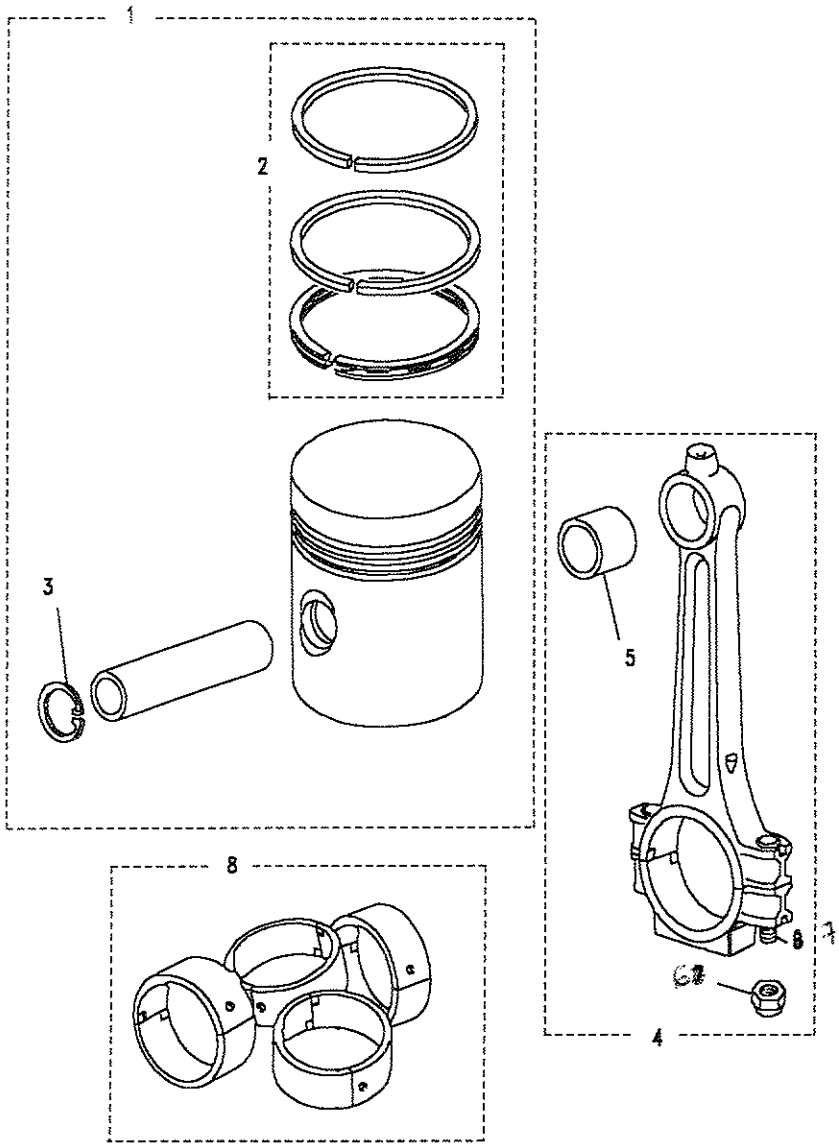



**Model** DEFENDER 90
**Page** ADBHCA1A

## ENGINE - CRANKSHAFT - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC8829 | Crankshaft | 1 | UptoAUG1989 |
| | ERR1181 | Crankshaft | 1 | FromAUG1989 |
| 2 | ERR1630 | Dowel crankshaft | 1 | |
| 3 | 8566L | Bush-crankshaft | 1 | |
| 4 | 235770 | Key | 2 | |
| 5 | RTC4783 | Kit main bearing | 1 | |
| | RTC478310 | Kit main bearing-010" | 1 | |
| | | KIT-THRUST WASHER-PAIRS | | |
| 6 | RTC2825 | Standard | A/R | |
| | 538131 | 0.0025" oversize | A/R | |
| | 538132 | 0.0050" oversize | A/R | |
| | 538134 | 0.010" oversize | A/R | |
| 7 | ETC4077 | Damper & pulley assy | 1 | BASIC |
| | ETC4105 | Damper vibration | 1 | Note(1) |
| | ERC6860 | Pulley AIR CON | 1 | |
| | ERC6859 | Pulley AIR CON/P.A.S. | 1 | |
| | ERC6861 | Pulley P.A.S. | 1 | |
| | SH108251L | Screw | 4 | |
| | WL108001L | Washer spring | 4 | |
| 8 | ETC4390 | Flinger-T.V damper | 1 | |
| 9 | ERC9765 | Pulley-crankshaft | 1 | |
| 10 | ETC7934 | Bolt-crankshaft | 1 | |
| | ERR605 | Bolt-crankshaft | 1 | )FromAUG1989 |
| | ERR705 | Washer thrust-crankshaft | 1 | ) |
| 11 | ERR1535 | Seal oil-crankshaft rear | 1 | |

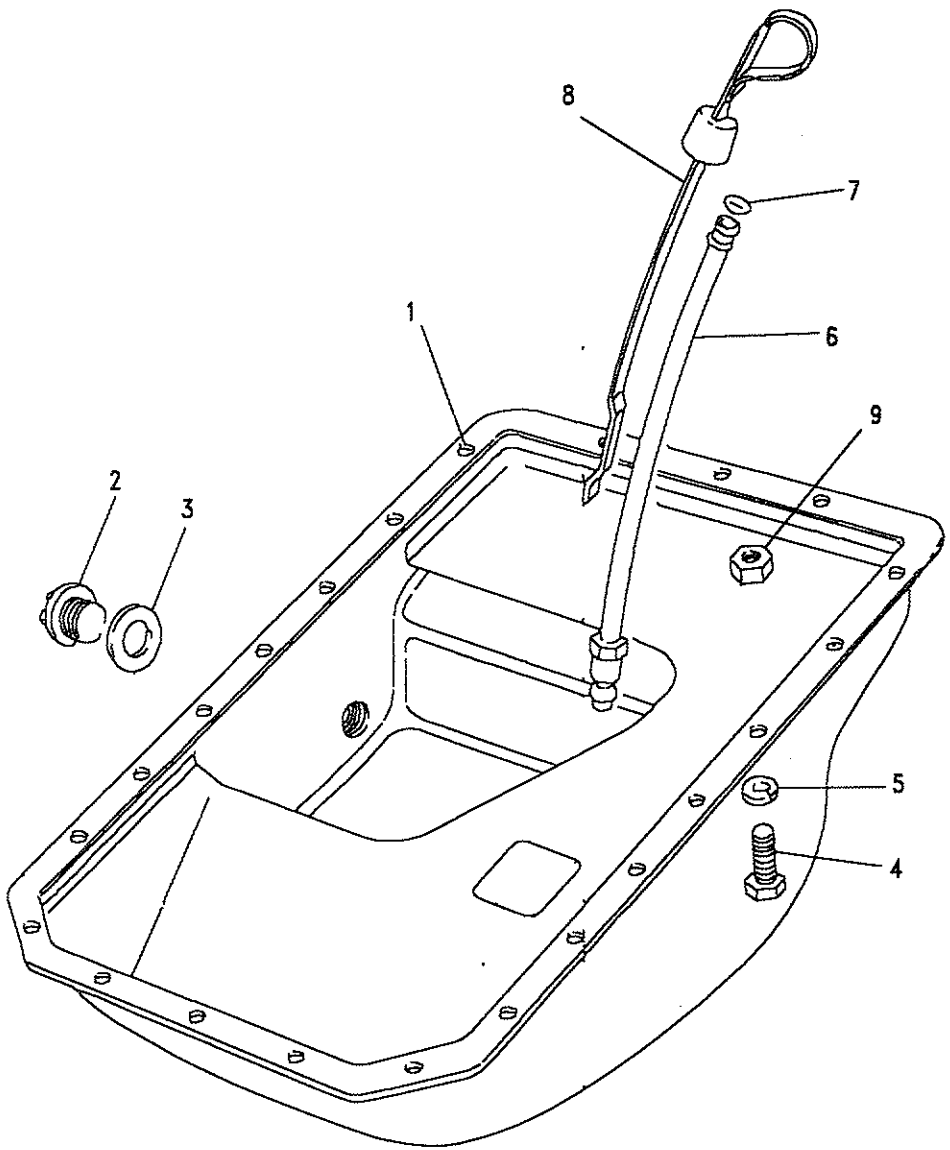
Note(1) Use with appropriate pulley when AIR CON or P.A.S. is fitted




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**Page** ADBHCC1A

## ENGINE - PISTONS - 2.5 DIESEL TURBO

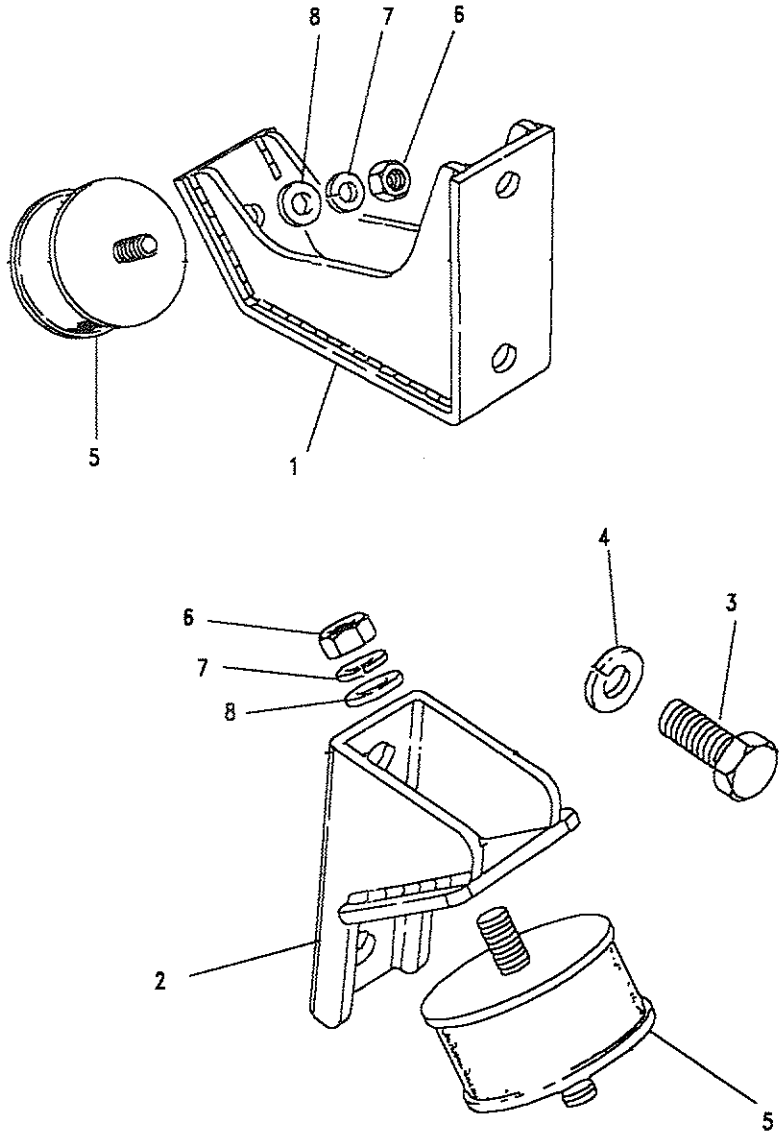
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC8676 | Piston assy standard | 4 | |
| | RTC599320 | Piston assy 0.020"o/s | 4 | |
| 2 | RTC6174S | Kit piston rings std | 4 | |
| | RTC617420 | Kit piston rings 0.020" | 4 | |
| 3 | 266945 | Circlip | 8 | |
| 4 | ERR593 | Con rod assembly | 4 | |
| 5 | 247583 | Bush | 4 | |
| 6 | ETC8191 | Nut conn rod | 8 | |
| 7 | ETC7357 | Bolt | 8 | |
| **Con Rod Bearing: Engine Set** | | | | |
| 8 | RTC2993 | Bearing set big end | 1 | |
| | RTC299310 | Bearing set big end | 1 | 0.010 o/s |




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**Page** ADBHDA1A

## ENGINE - SUMP - 2.5 DIESEL TURBO

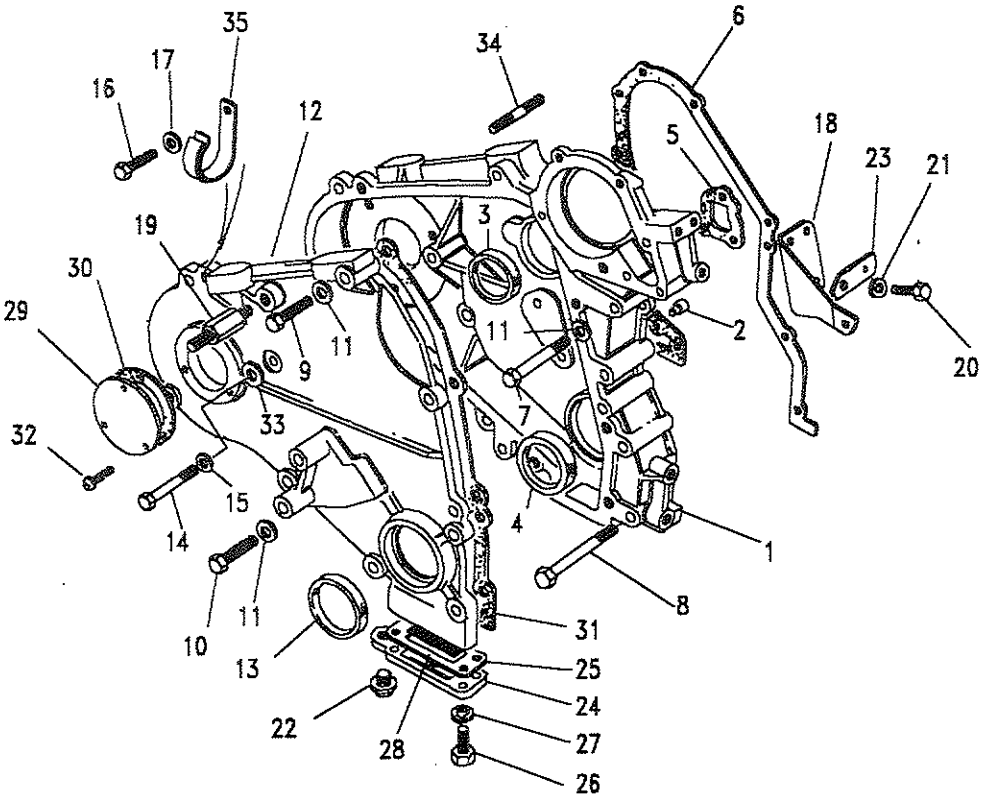
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4716 | Sump | 1 | |
| 2 | 599552 | Plug drain | 1 | |
| 3 | FRC4808 | Washer joint plug | 1 | |
| 4 | SH108161L | Screw | 22 | |
| 5 | WL108001L | Washer spring | 22 | |
| 6 | ERC8980 | Tube dipstick | 1 | |
| 7 | 532387 | Ring sealing tube | 1 | |
| 8 | ETC7867 | Dipstick | 1 | |




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**Page** ADBHDC1A

## ENGINE - MOUNTINGS - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5434 | Mounting foot-RH | 1 | |
| 2 | NRC9557 | Mounting foot-LH | 1 | |
| 3 | SH112251L | Screw-foot to block | 4 | |
| 4 | WL112001L | Washer-foot to block | 4 | |
| 5 | ANR1808 | Mounting rubber | 1 | |
| 6 | NH110041L | Nut-rubber to foot | 4 | |
| 7 | WC110061L | Washer-rubber to foot | 2 | |
| 8 | WL110001L | Washer-rubber to foot | 4 | |



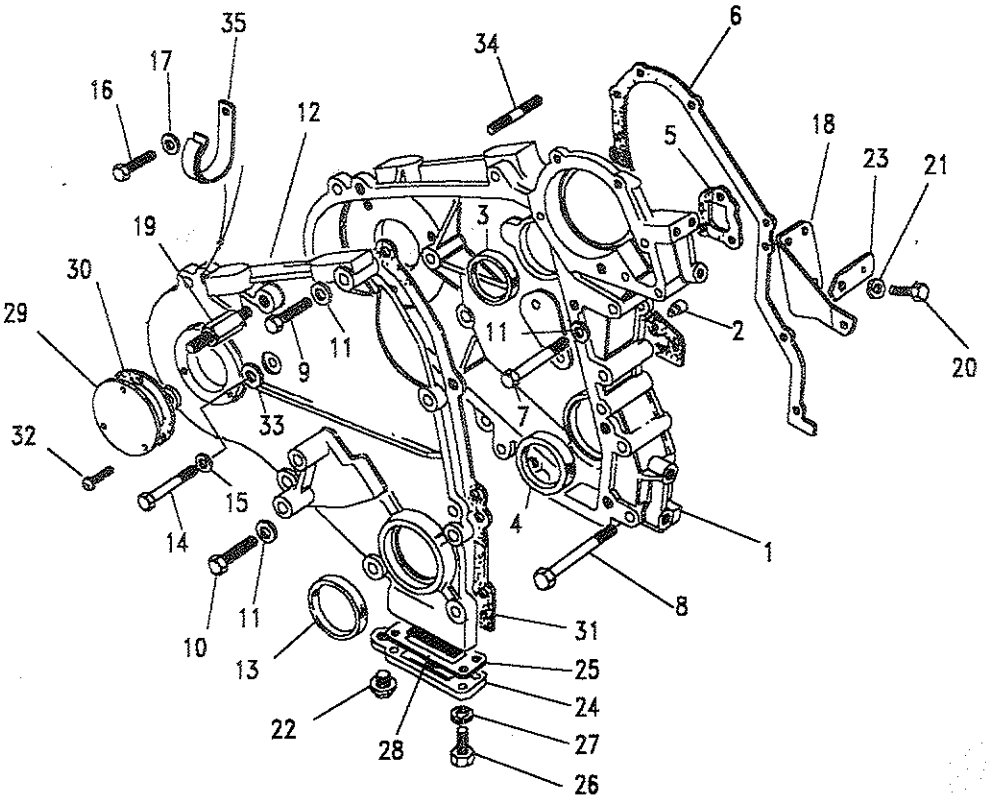

**Model** DEFENDER 90
**Page** ADBHEA1A

**ENGINE - FRONT COVER - 2.5 DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4421 | Cover front | 1 | NON AIR CON |
| | ETC5672 | Cover front | 1 | AIR CON |
| 2 | 6395L | Dowel front cover | 1 | |
| 3 | ETC5064 | Seal oil camshaft | 1 | |
| 4 | ETC5065 | Seal oil crankshaft | 1 | |
| 5 | 538038 | Gasket | 1 | |
| | ERR1607 | Gasket | 1 | Asbestos free |
| 6 | 538039 | Gasket | 1 | |
| 7 | FB108111L | Bolt cover to block | 1 | |
| 8 | FB108121L | Bolt cover to block | 4 | |
| 9 | BH108201L | Screw cover to block | 1 | |
| 10 | BH108251L | Screw cover to block | 2 | |
| 11 | WA108051L | Washer cover to block | 8 | |
| 12 | ETC4422 | Plate front cover | 1 | NON AIR CON |
| | ETC5675 | Plate front cover | 1 | AIR CON |
| 13 | ETC4154 | Seal cover plate | 1 | |
| 14 | BH108131L | Bolt plate to block | 1 | |
| 15 | WA108051L | Washer plate to block | 1 | |
| 16 | SH108121L | Screw | 1 | |
| | SH108251L | Screw | 7 | |
| 17 | WA108051L | Washer | 8 | |
| 18 | ERC6479 | Bracket cowl mounting | 1 | |
| 19 | ETC4996 | Bolt bracket to Cover | 1 | |
| 20 | FS108201L | Screw | 3 | |
| 21 | WL108001L | Washer | 3 | |
| 22 | ERC7295 | Plug | 1 | |
| 23 | ERC9404 | Bracket harness clip | 1 | |

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**Page** ADBHEA1A

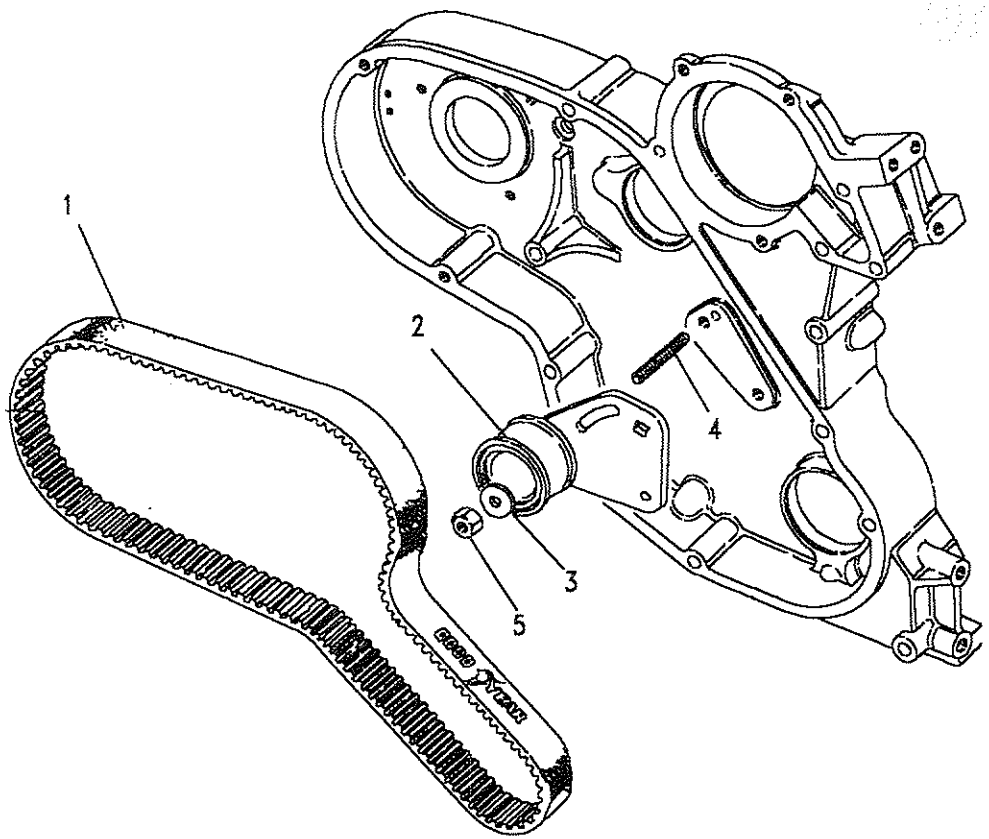
## ENGINE - FRONT COVER - 2.5 DIESEL TURBO



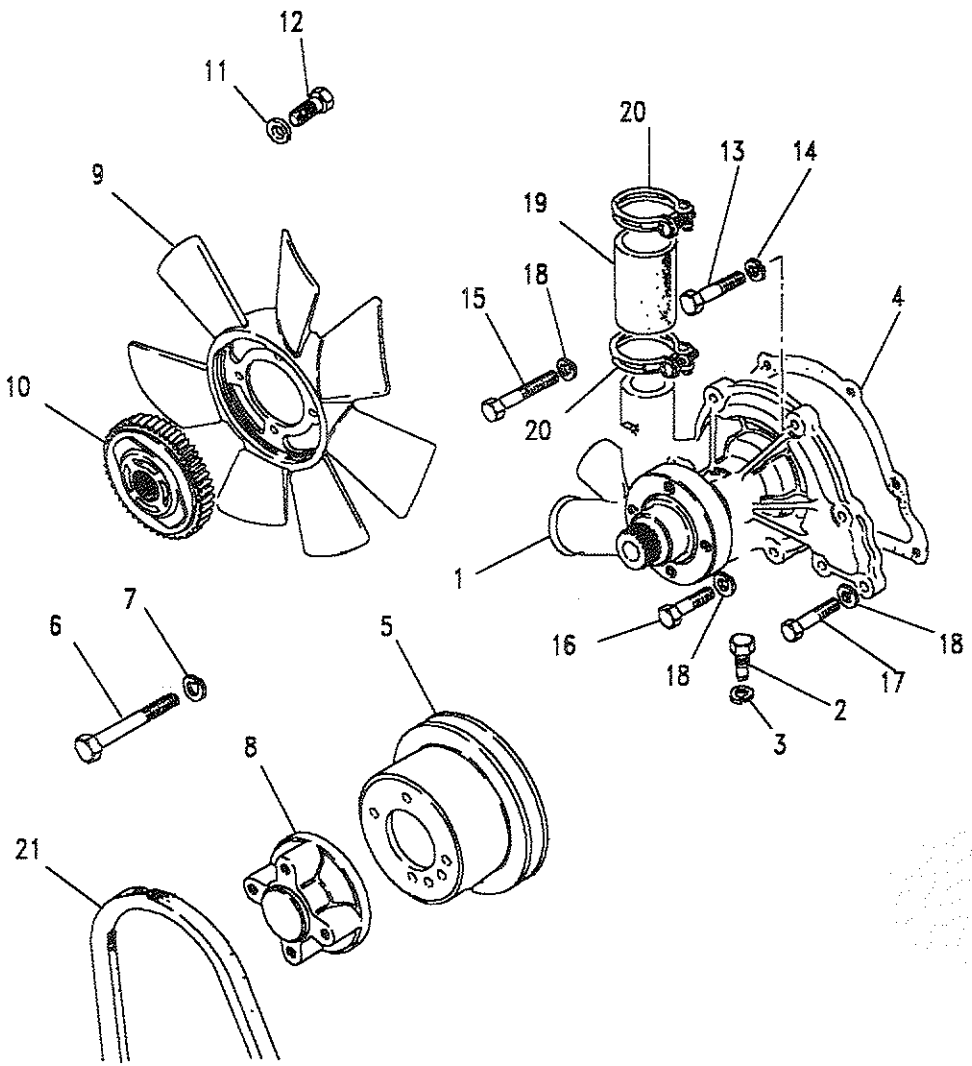

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 24 | ETC4058 | Drain plate | 1 | |
| 25 | ETC4122 | Gasket | 1 | |
| | ERR3615 | Gasket | 1 | Asbestos free |
| 26 | FS106207 | Screw m6 x 20 | 4 | |
| 27 | WA106041L | Washer plate to cover | 4 | |
| 28 | ETC4063 | Strainer | 1 | |
| 29 | ERC9199 | Plate cover | 1 | |
| 30 | ERC9201 | Gasket | 1 | |
| | ERR3614 | Gasket | 1 | Asbestos free |
| 31 | ETC4420 | Gasket | 1 | |
| | ERR3616 | Gasket | 1 | Asbestos free |
| 32 | SE106121L | Screw | 3 | |
| 33 | ETC4124 | Gasket | 1 | |
| | ERR3604 | Gasket | 1 | Asbestos free |
| 34 | ETC4873 | Stud DPS to front cover | 3 | |
| 35 | ETC4630 | Bracket mounting | 1 | |

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**Page** ADBHEC1A

## ENGINE - TIMING BELT - 2.5 DIESEL TURBO



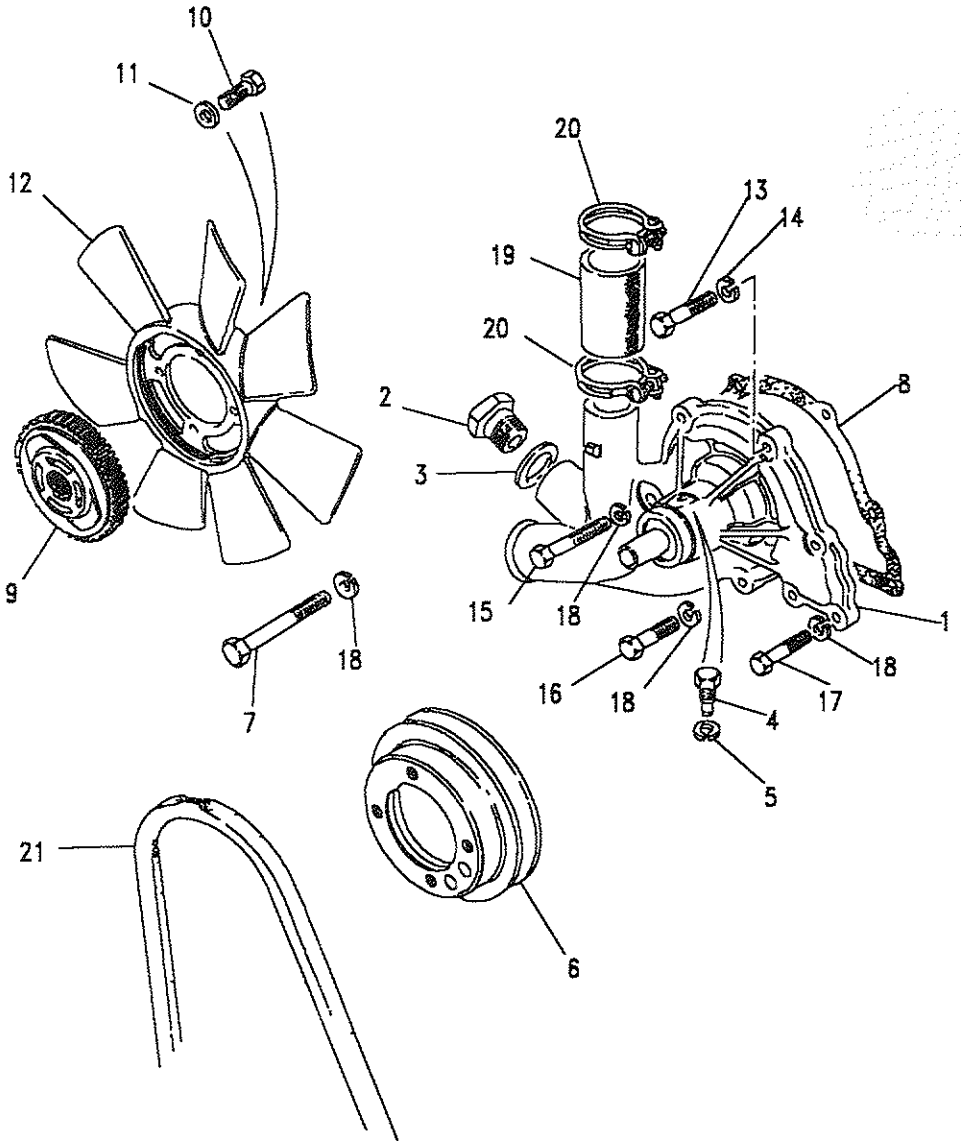

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7333 | Belt timing | 1 | |
| 2 | ERC8861 | Tensioner assembly | 1 | |
| 3 | 4594L | Washer | 2 | |
| 4 | TE108061L | Stud | 2 | |
| 5 | NY108041L | Nut | 2 | |




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**Page** ADBHEE1A

**ENGINE - WATER PUMP - 2.5 DIESEL TURBO - NON AIR CON**

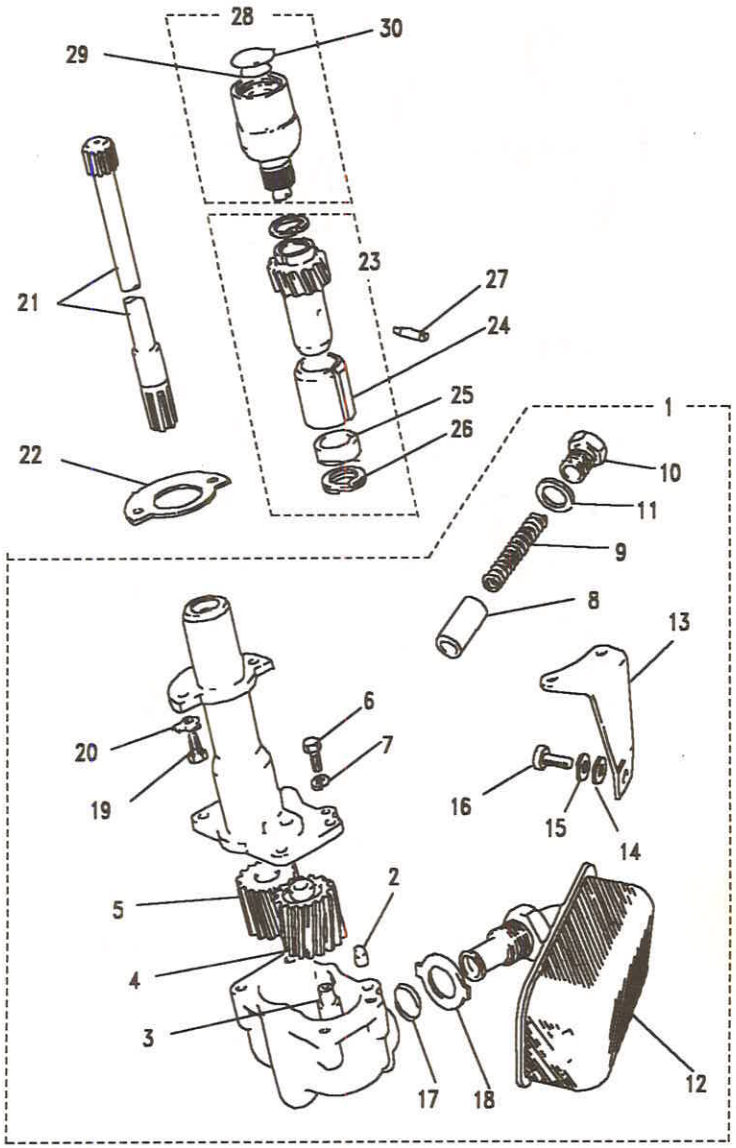
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6332 | Pump water assembly | 1 | |
| 2 | ERC5600 | Bolt | 1 | |
| 3 | WL106001L | Washer spring | 1 | |
| 4 | ERC5655 | Gasket | 1 | |
| 5 | ETC4785 | Pulley | 1 | |
| 6 | SH108161L | Screw | 4 | |
| 7 | WL108001L | Washer spring | 4 | |
| 8 | ERC7489 | Spacer-pump to fan | 1 | |
| 9 | ERR3380 | Fan | 1 | ) |
| 10 | ETC7238 | Viscous unit | 1 | )UK/EUROPE |
| 11 | 4589L | Washer | 4 | ) |
| 12 | ERC5709 | Bolt | 4 | ) |
| 9 | ETC6852 | Fan | 1 | ) |
| 10 | ETC6841 | Viscous unit | 1 | )R.O.W. |
| 11 | 587405 | Washer | 4 | ) |
| 12 | SH505051L | Bolt | 4 | ) |
| 13 | FB108061 | Bolt | 3 | |
| 14 | WL108001L | Washer spring | 3 | |
| 15 | BH108151L | Bolt | 1 | |
| 16 | BH108161L | Bolt | 2 | |
| 17 | BH108171L | Bolt | 1 | |
| 18 | WL108001L | Washer spring | 4 | |
| 19 | ERC5654 | Hose-by pass outlet | 1 | |
| 20 | CN100408L | Clip-hose | 2 | |
| 21 | ETC7939 | Belt fan | 1 | |




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**Page** ADBHEE2A

**ENGINE - WATER PUMP - 2.5 DIESEL TURBO - AIR CON**

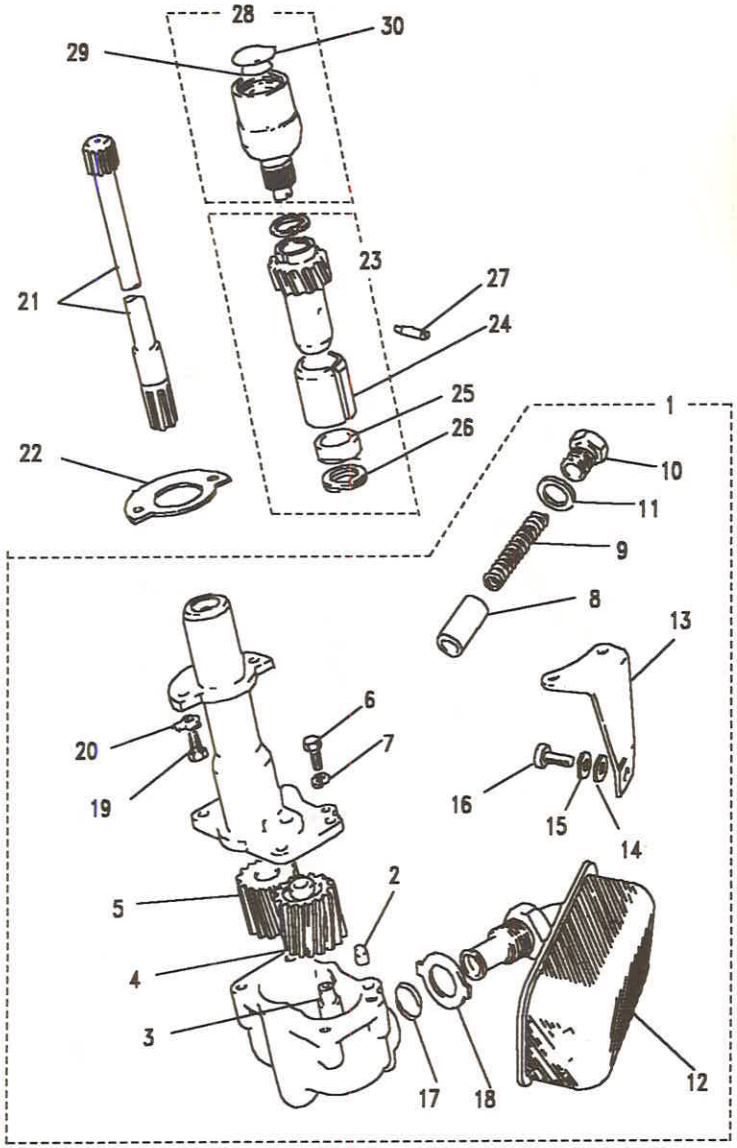
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6332 | Pump water assembly | 1 | |
| 2 | ERC7312 | Plug | 1 | |
| 3 | 232046 | Washer joint | 1 | |
| 4 | ERC5600 | Bolt special | 1 | |
| 5 | WL106001L | Washer spring | 1 | |
| 6 | ETC4457 | Pulley | 1 | |
| 7 | BH106051L | Bolt-pulley to hub | 4 | |
| 8 | ERC5655 | Gasket | 1 | |
| 9 | ETC7238 | Viscous unit | 1 | ) |
| 10 | ERC5709 | Bolt | 4 | )UK/EUROPE |
| 11 | 4589L | Washer | 4 | ) |
| 12 | ERC7834 | Fan | 1 | ) |
| 9 | ETC6841 | Viscous unit | 1 | ) |
| 10 | SH505051L | Bolt | 4 | )R.O.W. |
| 11 | 587405 | Washer | 4 | ) |
| 12 | ETC6852 | Fan | 1 | ) |
| 13 | FB108061 | Bolt | 3 | |
| 14 | WL108001L | Washer spring | 3 | |
| 15 | BH108151L | Bolt | 1 | |
| 16 | BH108161L | Bolt | 2 | |
| 17 | BH108171L | Bolt | 1 | |
| 18 | WL108001L | Washer spring | 4 | |
| 19 | ERC5654 | Hose-by pass water outlet | 1 | |
| 20 | CN100408L | Clip-hose | 2 | |
| 21 | ERC6504 | Belt fan | 1 | |




**Model** DEFENDER 90
**Page** ADBHFA1A

## ENGINE - OIL PUMP - 2.5 DIESEL TURBO

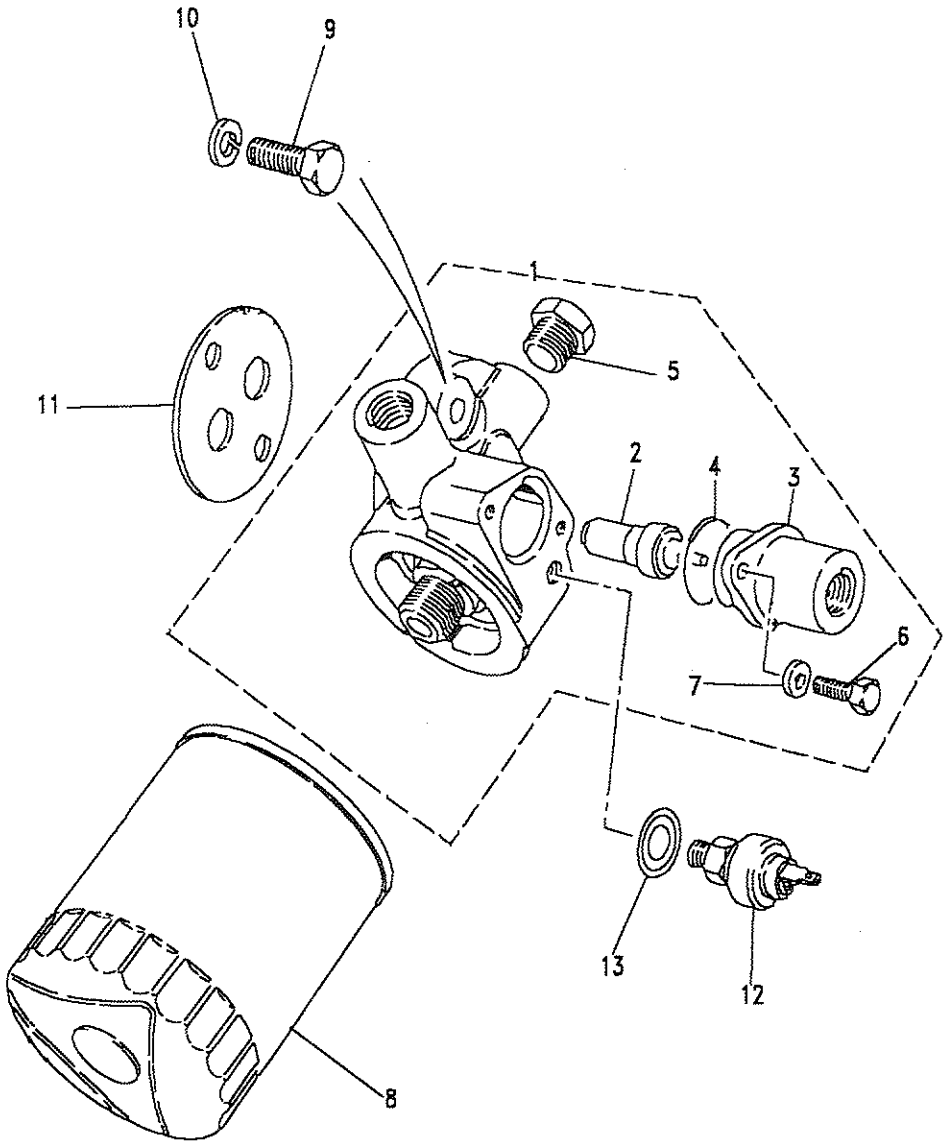
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1117 | Pump oil assembly | 1 | |
| 2 | 236257 | Dowel | 2 | |
| 3 | ERR1063 | Spindle idler wheel | 1 | |
| 4 | ERR1088 | Idler wheel | 1 | |
| 5 | ERC9706 | Drive wheel | 1 | |
| 6 | FS108201L | Screw cover to block | 4 | |
| 7 | WL108001L | Washer spring | 4 | |
| 8 | ETC4880 | Plunger oil relief | 1 | |
| 9 | 564456 | Spring oil relief | 1 | |
| 10 | 564455 | Plug oil relief | 1 | |
| 11 | 232044 | Washer joint | 1 | |
| 12 | ERC7530 | Filter | 1 | |
| 13 | ERC7940 | Bracket support filter | 1 | |
| 14 | WA108051L | Washer | 1 | |
| 15 | WL108001L | Washer spring | 1 | |
| 16 | FS108201L | Screw | 1 | |




**Model** DEFENDER 90
**Page** ADBHFA1A

## ENGINE - OIL PUMP - 2.5 DIESEL TURBO

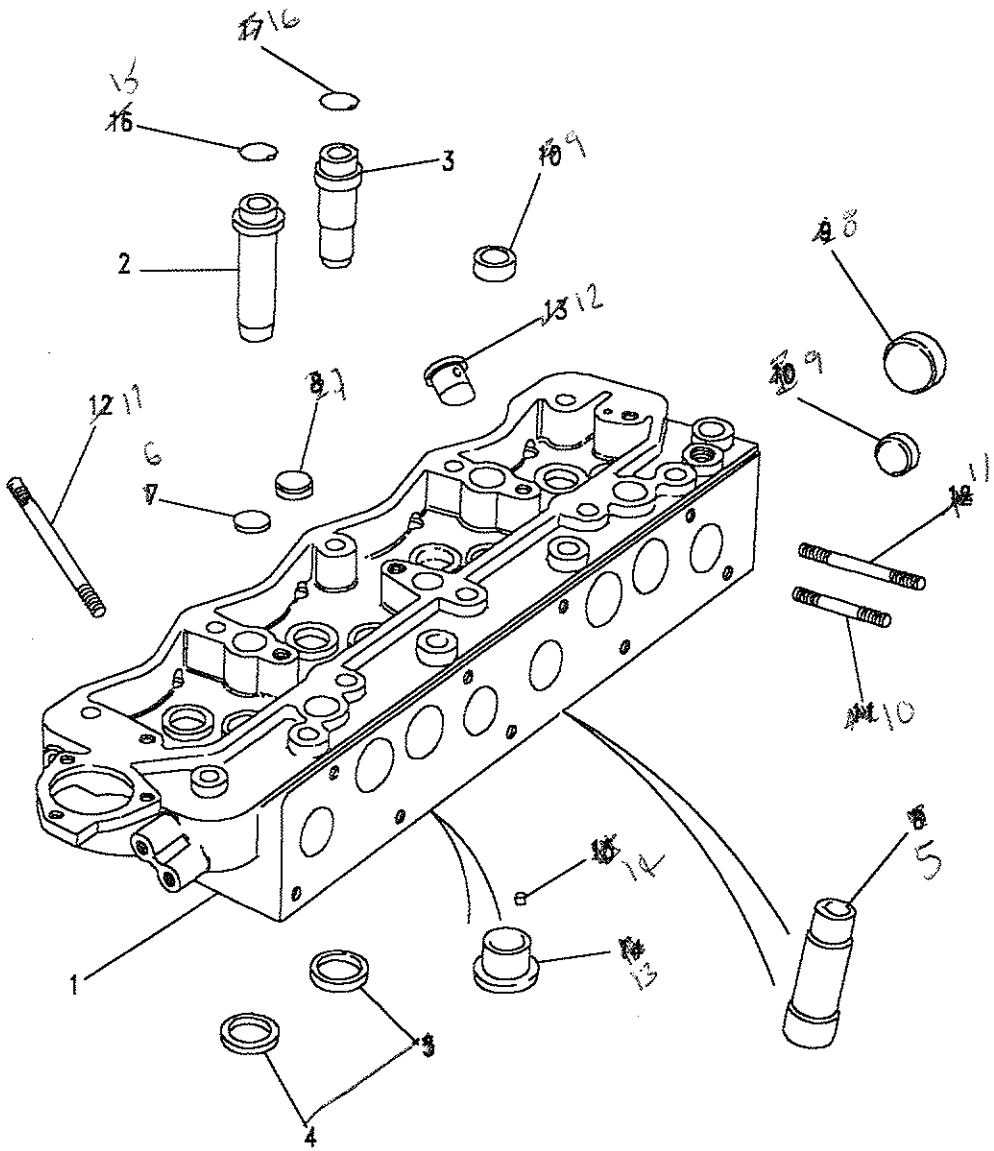
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 17 | 244488 | 'O'ring | 1 | |
| 18 | 244487 | Washer lock | 1 | |
| 19 | SH108251L | Screw | 2 | |
| 20 | 247665 | Washer lock | 2 | |
| 21 | ERR850 | Shaft | 1 | |
| 22 | ERC8408 | Gasket | 1 | |
| | ERR3606 | Gasket | 1 | Asbestos free |
| 23 | ETC6139 | Gear bush assembly | 1 | Note(1) |
| 24 | 522745 | Bush | 1 | |
| 25 | ETC6137 | Washer thrust | 1 | |
| 26 | ETC6138 | Ring locking | 1 | |
| 27 | ETC6142 | Screw locating shaft | 1 | |
| 28 | ETC4706 | Coupling | 1 | |
| 29 | RTC6167 | O ring inner | 1 | |
| 30 | RTC6168 | O ring outer | 1 | |




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**Page** ADBHFA2A

**ENGINE - OIL FILTER - 2.5 DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1347 | Adaptor oil assembly | 1 | |
| 2 | ERC5923 | Thermostat bulb | 1 | |
| 3 | ETC4022 | Adaptor | 1 | |
| 4 | ERC5913 | 'O'ring | 1 | |
| 5 | ETC4021 | Plug | 1 | |
| | PRC4372 | Transmitter | 1 | OPTIONAL |
| 6 | SH106141L | Screw | 2 | |
| 7 | WA106041L | Washer | 2 | |
| 8 | ERR3340 | Filter oil | 1 | |
| 9 | SH110301L | Screw | 2 | |
| 10 | WL110001L | Washer spring | 2 | |
| 11 | ETC5276 | Gasket oil filter | 1 | |
| | ERR3607 | Gasket oil filter | 1 | Asbestos free |
| 12 | PRC6387 | Switch oil pressure | 1 | |
| 13 | 232039 | Washer joint-switch | 1 | |
| | PRC4043 | Transmitter | 1 | ) |
| | ETC4033 | Adaptor oil pressure | 1 | )OPTIONAL |
| | ETC4034 | Banjo oil pressure switch | 1 | ) |

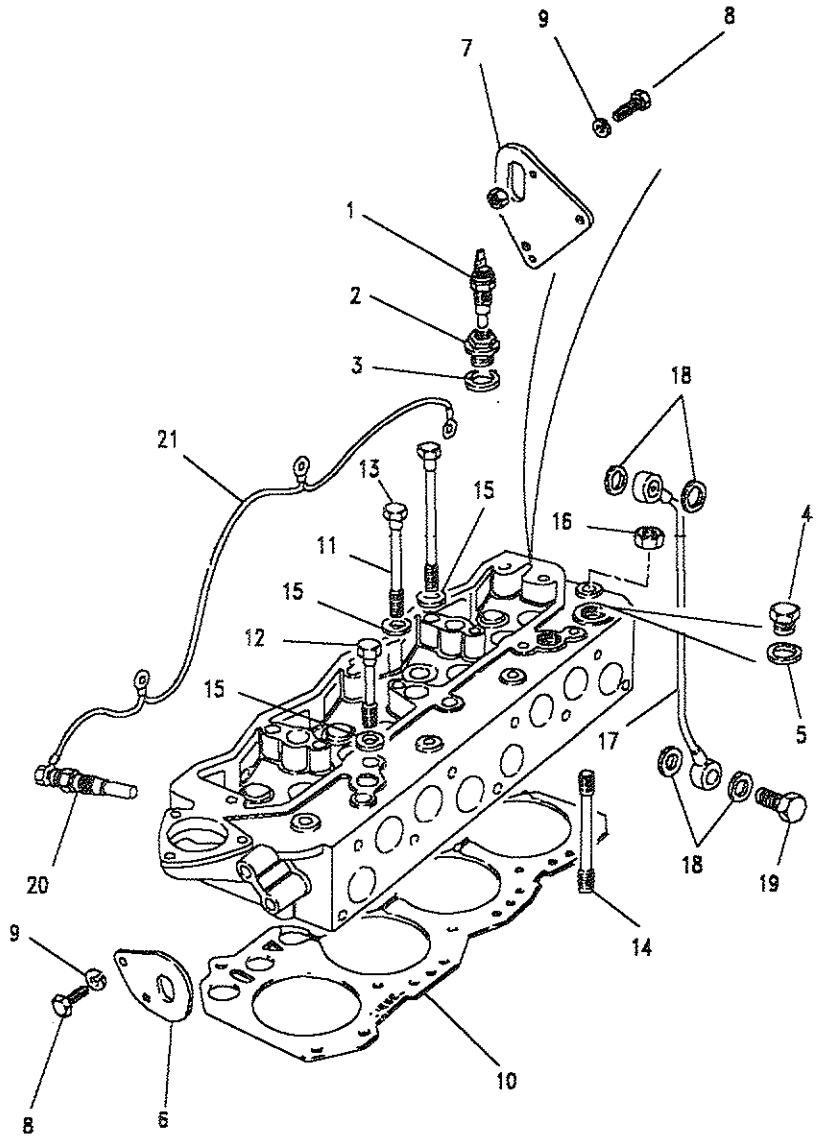


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**Page** ADBHGA1A

## ENGINE - CYLINDER HEAD - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4649 | Cylinder head assembly | 1 | Upto19J25183C |
| | STC803 | Cylinder head assembly | 1 | From19J25184C |
| 2 | 568688 | Guide valve-inlet | 4 | |
| | ERR2861 | Guide valve-inlet | 4 | Note(1) |
| 3 | 568689 | Guide valve-exhaust | 4 | |
| | ERR2860 | Guide valve-exhaust | 4 | Note(1) |
| 4 | ERC9631 | Insert-valve seat-exh | 4 | |
| | ERR3081 | Insert-valve seat-exh | 4 | Note(1) |
| | ETC4643 | Insert-valve seat-inlet | 4 | |
| | ERR3082 | Insert-valve seat-inlet | 4 | Note(1) |
| 5 | ERC8663 | Tube-push rod | 8 | |
| 6 | 250830 | Welch plug | 2 | |
| 7 | 525497 | Cup plug | 9 | |
| 8 | 524765 | Cup Plug | 1 | |
| 9 | 602289 | Cup plug | 2 | |
| 10 | ETC7190 | Stud-manifold | 1 | |
| 11 | TE108071L | Stud | 8 | |
| 12 | ERC9501 | Shroud injector | 4 | |
| 13 | ETC8620 | Hot plug | 4 | |
| 14 | PA105101L | Peg locating-hot plug | 4 | |
| 15 | ERR1510 | Seal-inlet valve | 4 | |
| 16 | ETC4751 | Seal-exhaust valve | 4 | |

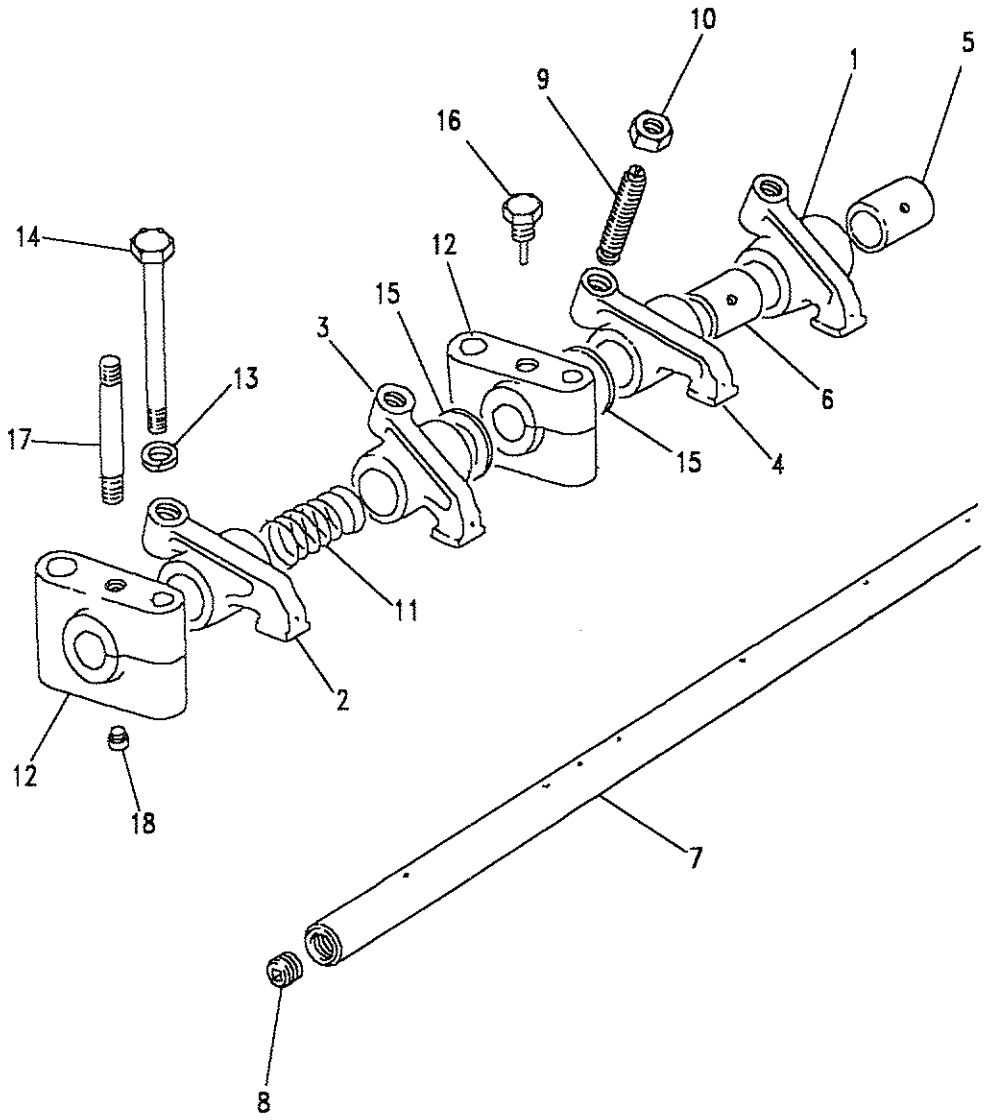
Note(1) Fitted from November 1992




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**Page** ADBHGA2A

## ENGINE - CYLINDER HEAD - 2.5 DIESEL TURBO

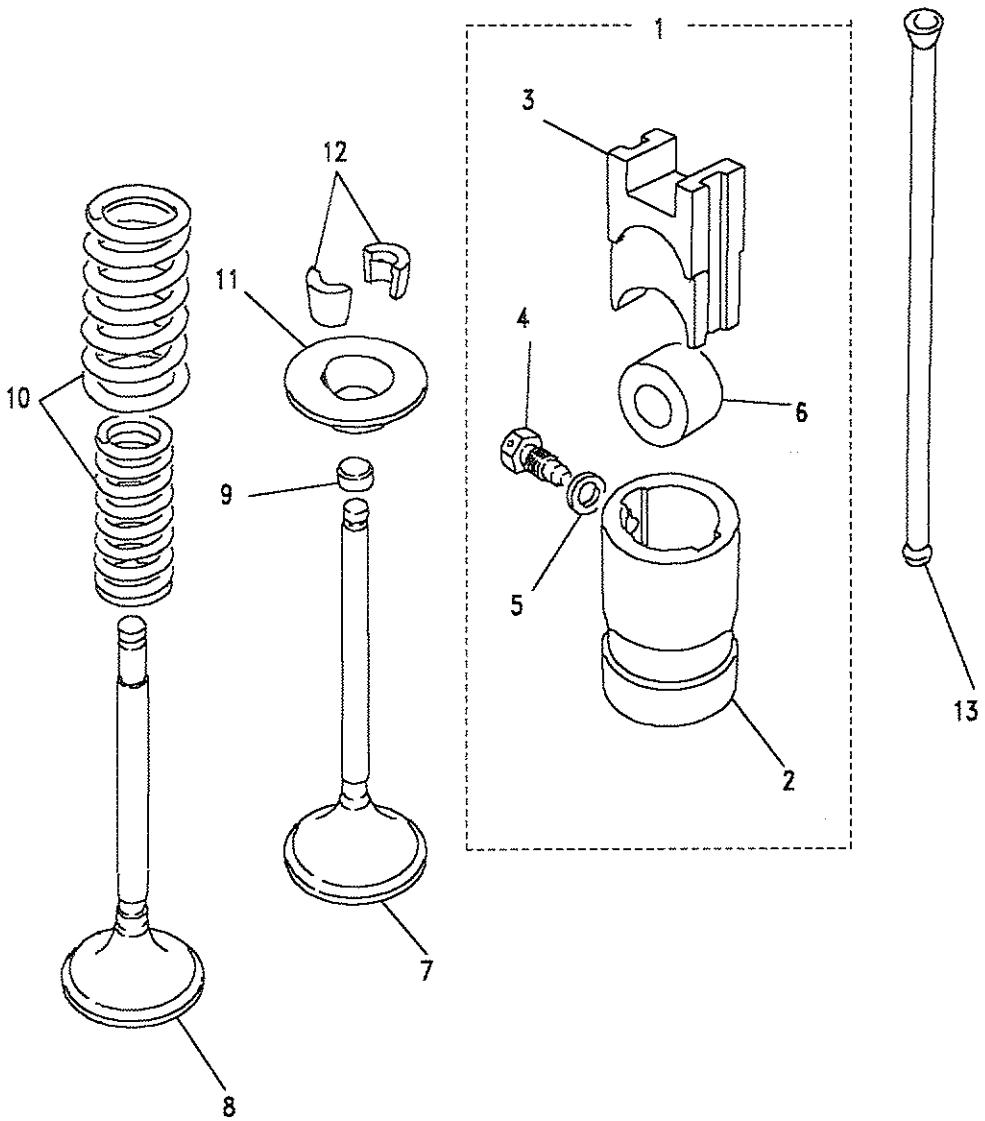
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC2505 | Transmitter-water temp | 1 | Upto19J25183C |
| | PRC6663 | Transmitter-water Temp | 1 | From19J25184C |
| 2 | ERC9432 | Adaptor transmitter | 1 | Upto19J25183C |
| 3 | 10802070 | Washer-adaptor | 1 | |
| 4 | ERC9448 | Plug-rear heater hole | 1 | |
| | RTC6851 | Plug | 1 | From19J25184C |
| 5 | AFU1890L | Washer joint-plug | 2 | |
| | 243960 | Washer joint | 1 | From19J25184C |
| 6 | ERC2254 | Bracket lifting-front | 1 | |
| 7 | ETC5816 | Bracket lifting-rear | 1 | |
| 8 | FS108201L | Screw bracket to head | 4 | |
| 9 | WL108001L | Washer spring | 4 | |
| 10 | ERR3618 | Gasket-block to head | 1 | |
| 11 | 247051 | Bolt head to block | 9 | |
| 12 | 247683 | Bolt head to block | 2 | |
| 13 | 247723 | Bolt head to block | 5 | |
| 14 | 90518466 | Stud head to block | 2 | |
| 15 | ERC6821 | Washer head to block | 18 | |
| 16 | NH608061L | Nut head to block | 2 | |
| 17 | 275679 | Pipe-oil lead to rockers | 1 | |
| 18 | ETC6510 | Washer joint | 4 | |
| 19 | ETC4498 | Bolt banjo | 2 | |
| 20 | ERC8450 | Glow plug | 4 | |
| 21 | PRC6295 | Cable assembly-glow plugs | 1 | |




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**Page** ADBHGC1A

## ENGINE - ROCKER SHAFT - 2.5 DIESEL TURBO

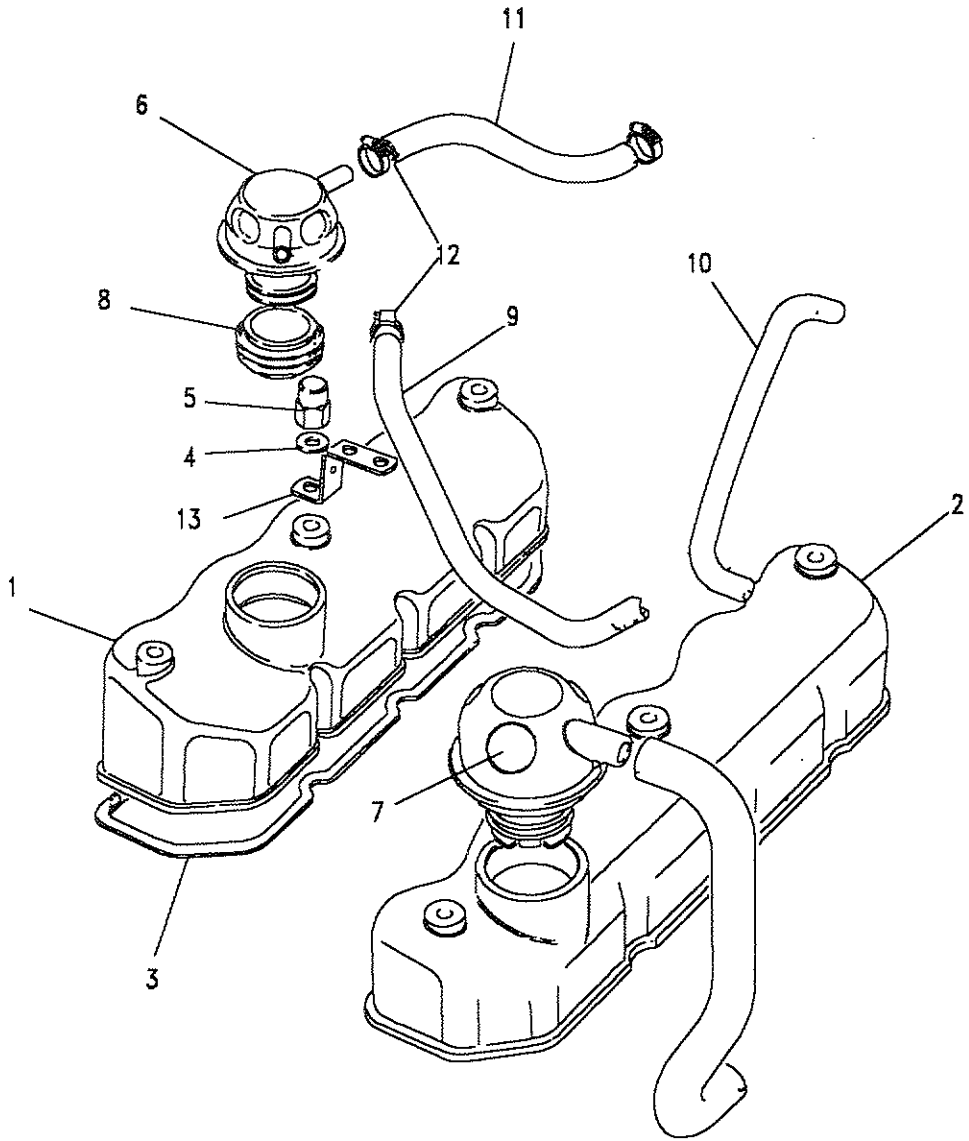
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9060 | Rocker arm exhaust RH | 2 | |
| 2 | ERC9059 | Rocker arm exhaust LH | 2 | |
| 3 | 247738 | Bush exhaust rockers | 4 | |
| 4 | ERC9056 | Rocker arm inlet RH | 2 | |
| 5 | ERC9055 | Rocker arm inlet LH | 2 | |
| 6 | 247737 | Bush inlet rockers | 4 | |
| 7 | ERC6341 | Shaft | 1 | |
| 8 | ERC6337 | Plug shaft | 2 | |
| 9 | ERC9054 | Screw tappet adjuster | 8 | |
| 10 | NT108041L | Lock nut M8 | 8 | |
| 11 | 247040 | Spring | 4 | |
| 12 | ERC9137 | Bracket rocker shaft | 5 | |
| 13 | WL108001L | Washer spring | 5 | |
| 14 | FB108111L | Bolt M8x55mm | 5 | |
| 15 | 247153 | Washer rocker shaft | 8 | |
| 16 | ETC4460 | Screw shaft location | 1 | |
| 17 | TD108091L | Stud M8 rocker cover | 3 | |
| 18 | 277956 | Dowel rocker | 3 | |




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**Page** ADBHGE1A

## ENGINE - VALVES AND TAPPETS - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 507829 | Tappet assembly | 8 | |
| 2 | 502473 | Guide tappet | 8 | |
| 3 | ETC4246 | Set bolt | 8 | |
| 4 | 273069 | Washer-tappet guide | 8 | |
| 5 | ERR561 | Roller follower | 8 | |
| 6 | ERR607 | Tappet slide | 8 | |
| 7 | ETC5739 | Valve inlet | 4 | |
| 8 | ETC5740 | Valve exhaust | 4 | |
| 9 | ERR4175 | Cap-valve stem | 8 | |
| 10 | ERR4640 | Spring valve | 8 | |
| 11 | ETC4068 | Cup-valve-spring | 8 | |
| 12 | ETC4069 | Cotter split | 16 | |
| 13 | 546799 | Push rod | 8 | |

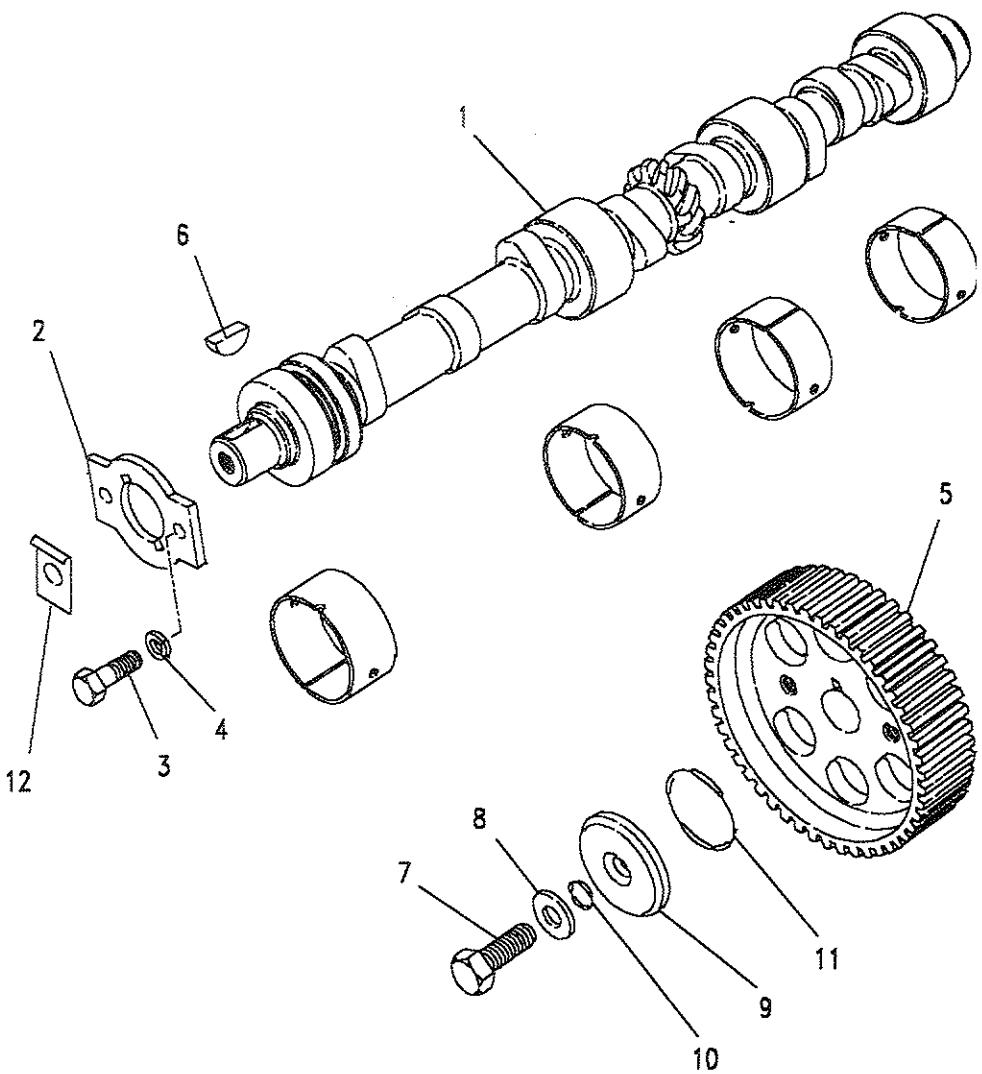



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**Page** ADBHGG1A

## ENGINE - ROCKER COVER - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6924 | Rocker cover assembly | 1 | Upto 19J15451C |
| 2 | ETC8600 | Rocker cover assembly | 1 | From 19J15452C |
| 3 | ETC6438 | Gasket-cover to head | 1 | |
| 4 | 273069 | Washer joint | 3 | |
| 5 | ERC9220 | Nut dome | 3 | |
| 6 | ETC7774 | Filter breather | 1 | Upto 19J15451C |
| 7 | ETC7909 | Filter breather | 1 | From 19J15452C |
| 8 | ERC8049 | 'O'ring | 1 | Upto 19J15451C |
| | ERR736 | 'O'ring | 1 | From 19J15452C |
| 9 | ETC7187 | Hose-block to breather | 1 | Upto 19J15451C |
| 10 | ETC8636 | Hose-block to cover | 1 | From 19J15452C |
| 11 | ETC7059 | Hose-breather to A/C | 1 | |
| | RRC5728 | Hose-breather to A/C | 1 | Note(1) |
| 12 | CJ600224 | Hose-clip | 2 | |
| 13 | ETC5588 | Bracket-compressor pipe | 1 | |

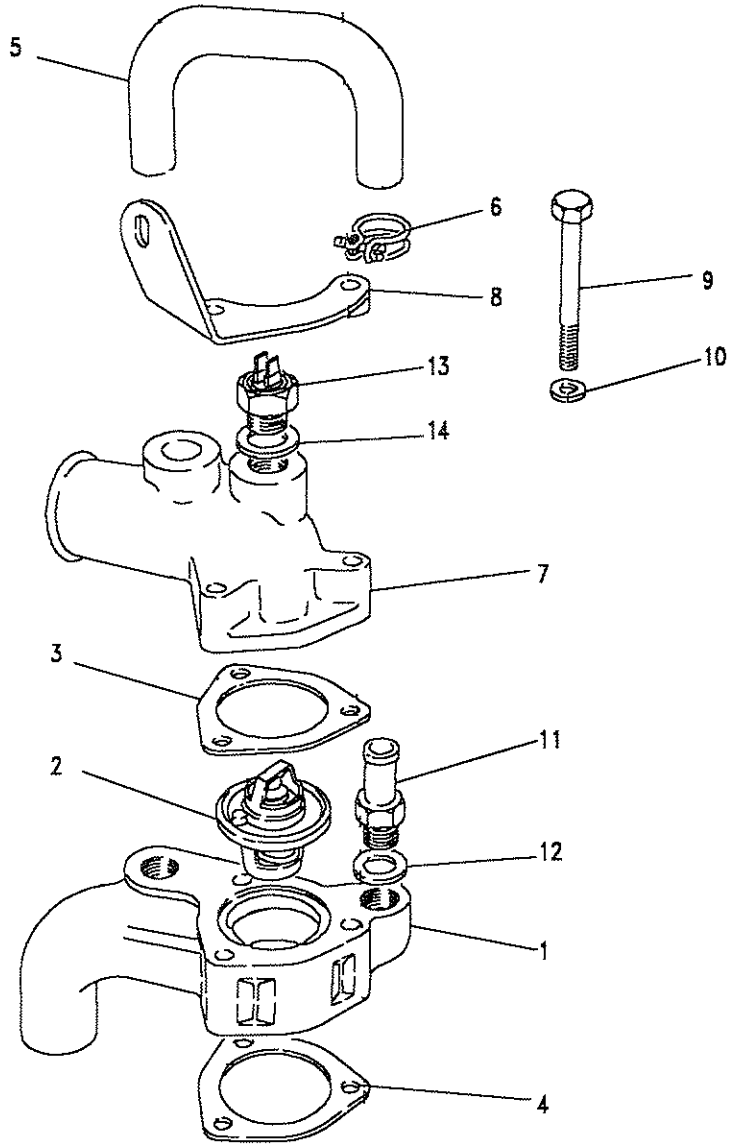
Note(1) For vehicles with raised air intake.




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**Page** ADBHGI1A

**ENGINE - CAMSHAFT - 2.5 DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7128 | Camshaft | 1 | |
| 2 | ERC1561 | Thrust Plate camshaft | 1 | |
| 3 | FS106167 | Screw plate to block | 2 | |
| 4 | WL106001L | Washer spring | 2 | |
| 5 | ETC4014 | Pulley | 1 | |
| 6 | 230313 | Key woodruff | 1 | |
| 7 | BX110071L | Bolt | 1 | |
| 8 | ETC4670 | Washer | 1 | |
| 9 | ERC8847 | Plate retaining | 1 | |
| 10 | ERC8849 | 'O' ring | 1 | |
| 11 | ETC4076 | 'O' ring | 1 | |
| 12 | 2995 | Locker | 2 | |

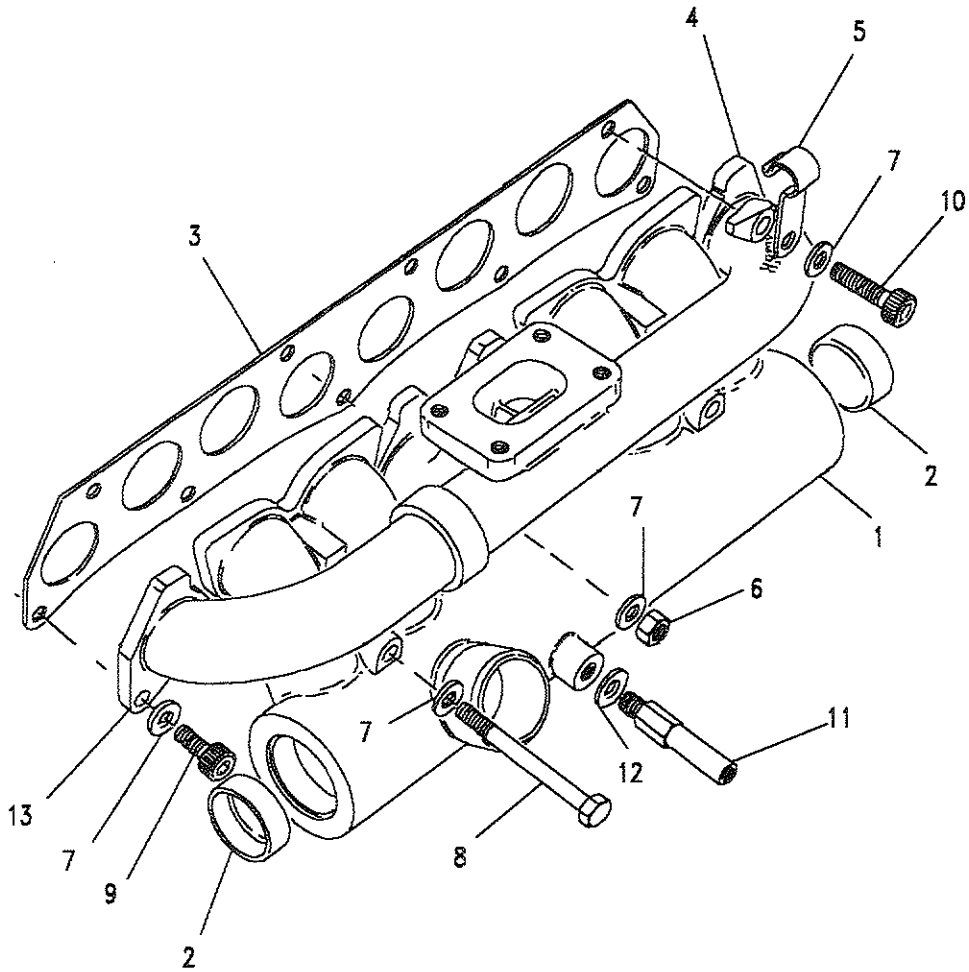



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**Page** ADBHGK1A

## ENGINE - THERMOSTAT HOUSING - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC8758 | Housing thermostat | 1 | |
| 2 | 602687 | Thermostat 82o | 1 | |
| | ETC4761 | Thermostat 74o | 1 | OPTIONAL |
| 3 | ERR977 | Gasket | 1 | |
| | ERR3682 | Gasket | 1 | Asbestos free |
| 4 | 247874 | Gasket thermo housing | 1 | |
| 5 | ERC7510 | Hose connecting adaptors | 1 | |
| 6 | CN100258L | Clip hose | 2 | |
| 7 | ETC5967 | Outlet water connector | 1 | NON AIR CON |
| | ETC5958 | Outlet water connector | 1 | AIR CON |
| 8 | ETC5965 | Bracket cowl mounting | 1 | |
| 9 | BH106151L | Bolt cover to head | 3 | |
| 10 | WL106001L | Washer joint | 3 | |
| 11 | 624091 | Adaptor | 2 | |
| 12 | 243959 | Washer joint | 2 | |
| 13 | PRC3359 | Switch temperature sensor | 1 | Note(1) |
| | PRC3505 | Switch temperature sensor | 1 | Note(2) |
| 14 | C45759L | Washer switches | 1 | |

Note(1) Identified by GREEN paint
Note(2) Identified by RED paint

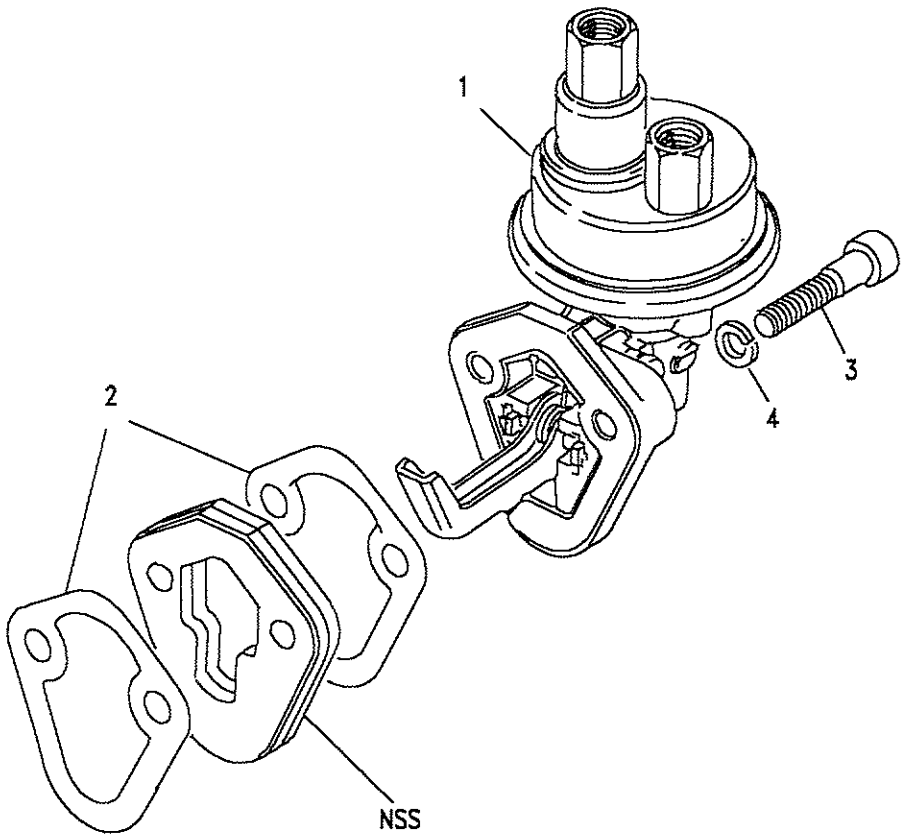



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**Page** ADBHHA1A

## ENGINE - MANIFOLD - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6492 | Manifold inlet | 1 | |
| 2 | 525428 | Cup plug | 2 | |
| 3 | ETC7750 | Gasket-manifold to head | 1 | |
| 4 | 564308 | Clamp-manifold to head | 4 | |
| 5 | 574654 | Clip-manifold clamp | 1 | |
| 6 | NH108065L | Nut | 1 | |
| 7 | WA108051L | Washer | 9 | |
| 8 | ETC6910 | Bolt | 2 | |
| 9 | ETC7917 | Screw socket M8x35mm | 3 | |
| | ETC7503 | Spacer | 3 | Note(1) |
| 10 | ETC7917 | Screw socket M8x35mm | 2 | |
| 11 | ETC7395 | Bolt support-heat shield | 1 | |
| 12 | WJ108001L | Washer | 2 | |
| 13 | ETC7633 | Manifold exhaust | 1 | |
| | ETC6970 | Stud | 2 | |
| | NH108065L | Nut | 2 | |

Note(1) Only used on engines up to 19J15397C

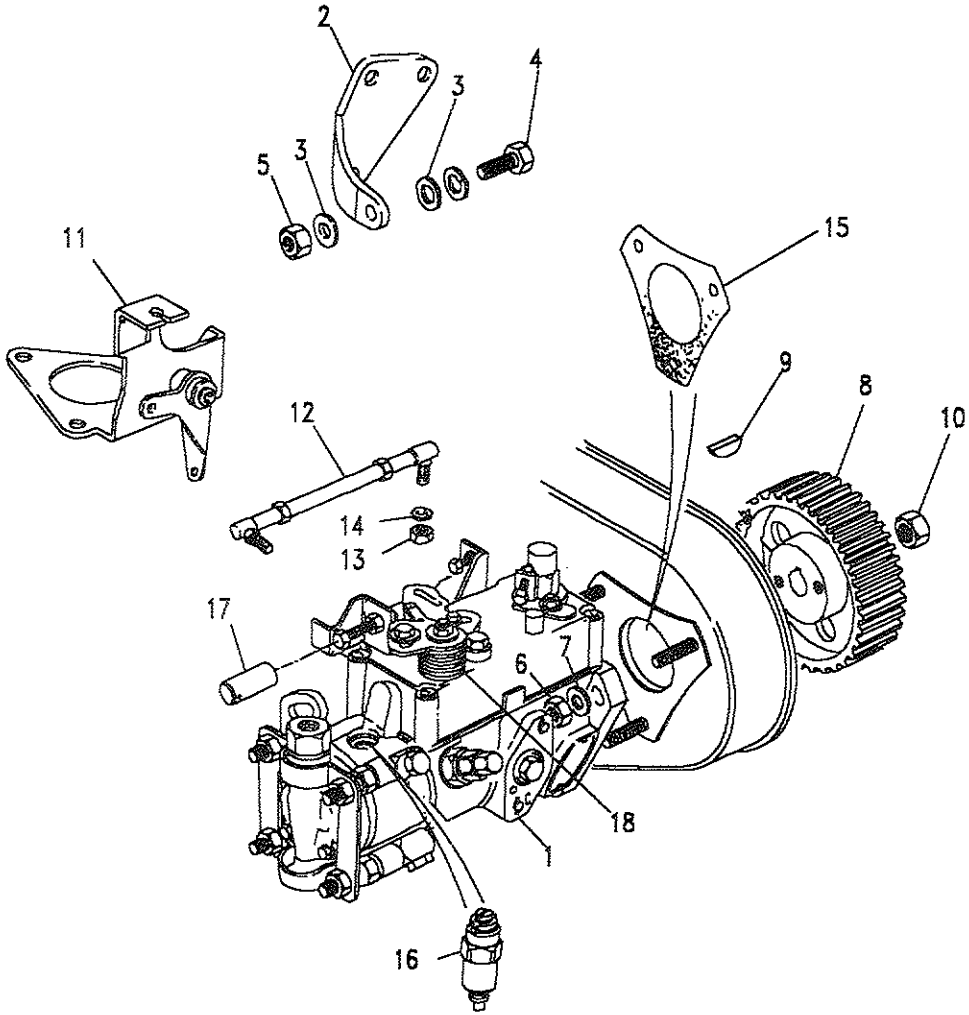



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**Page** ADBHKA1A

**ENGINE - FUEL PUMP - 2.5 DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7869 | Pump fuel | 1 | Note(1) |
| 2 | ETC7970 | Gasket-fuel pump/side cov | 1 | |
| 3 | SS108301L | Screw socket | 2 | |
| 4 | WA108051L | Washer | 2 | |

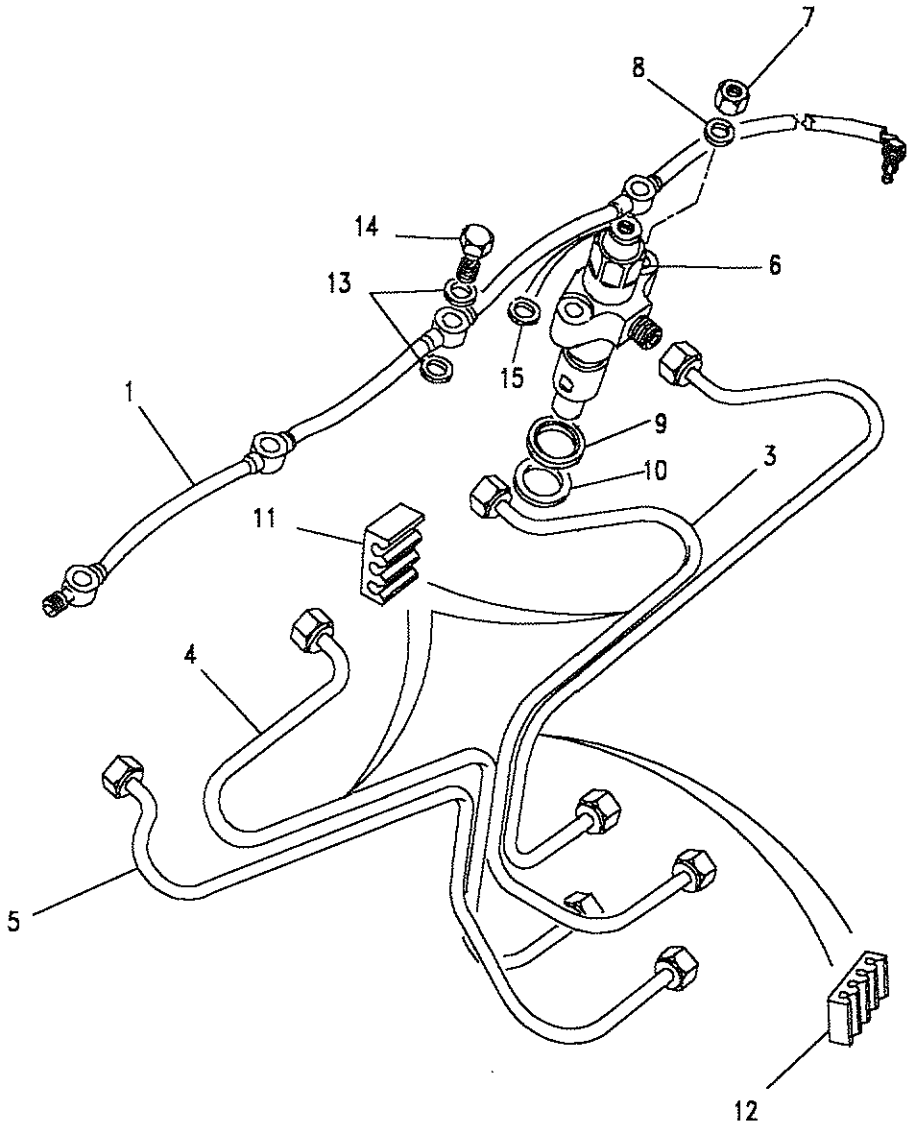
Note(1) Use RTC6180 Fuel Pump Kit up to 19J14097C




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**Page** ADBHKC1A

**ENGINE - INJECTOR PUMP - 2.5 DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7136 | Pump distributor | 1 | |
| | ETC7136E | Pump distributor-exchange | 1 | |
| 2 | ETC4070 | Bracket support pump | 1 | |
| 3 | WA108051L | Washer-pump to bracket | 2 | |
| 4 | SH108251L | Screw-pump to bracket | 1 | |
| 5 | NY108041L | Nut-pump to bracket | 1 | |
| 6 | NH108041L | Nut | 3 | |
| 7 | WA108051L | Washer | 3 | |
| 8 | ETC5717 | Pulley | 1 | |
| 9 | RTC5077 | Key-pulley | 1 | |
| 10 | NH112041L | Nut-fixing pulley | 1 | |
| 11 | ETC6675 | Lever throttle | 1 | |
| 12 | ETC4417 | Link throttle assembly | 1 | |
| 13 | NH105041L | Nut | 2 | |
| 14 | WA105001L | Washer | 3 | |
| 15 | ERR3617 | Gasket injection pump | 1 | |
| 16 | BAU4611L | Switch-fuel cut off | 1 | |
| 17 | ETC4752 | Sleeve-locking speed stop | 1 | |
| | ETC7091 | Bolt banjo | 2 | |
| | 517976 | Washer joint | 2 | |
| 18 | RTC5891 | Spring-throttle return | 1 | |




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**Page** ADBHKE1A

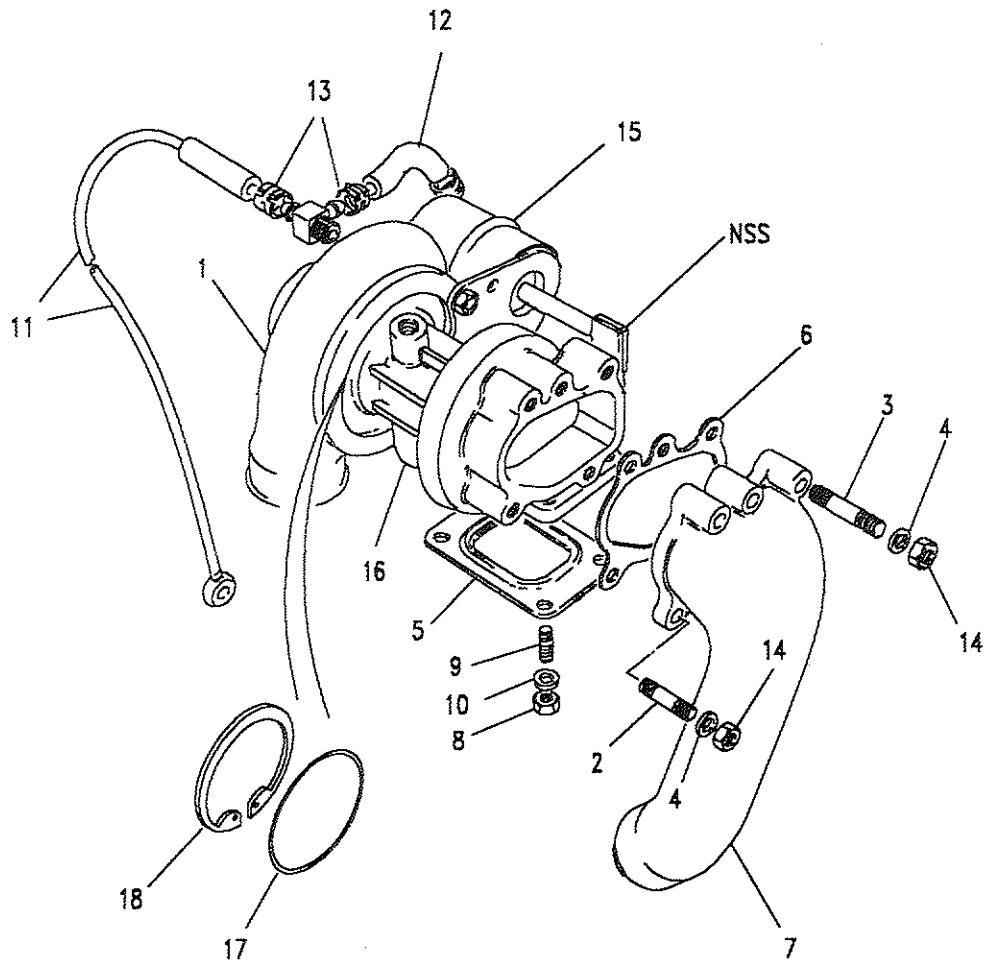
## ENGINE - INJECTORS AND PIPES - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1259 | Spill return assembly | 1 | Note(1) |
| 2 | ETC4291 | Pipe-injector No.1 | 1 | |
| 3 | ETC4292 | Pipe-injector No.2 | 1 | |
| 4 | ETC4293 | Pipe-injector No.3 | 1 | |
| 5 | ETC4294 | Pipe-injector No.4 | 1 | |
| 6 | 564332 | Injector | 4 | |
| | 564332E | Injector exchange | 4 | |
| | 247726 | Nozzle | 4 | |
| 7 | NH108041L | Nut | 8 | |
| 8 | WL108001L | Washer spring | 8 | |
| 9 | 12H220L | Washer | 4 | |
| 10 | 247179 | Washer joint | 4 | |
| 11 | ETC4156 | Clip-injector pipes | 2 | |
| 12 | ETC4308 | Clip-injector pipes | 1 | |
| 13 | 273069 | Washer joint | 8 | |
| 14 | 273521 | Banjo-injectors | 4 | |
| 15 | 517976 | Washer joint -banjos | 4 | |

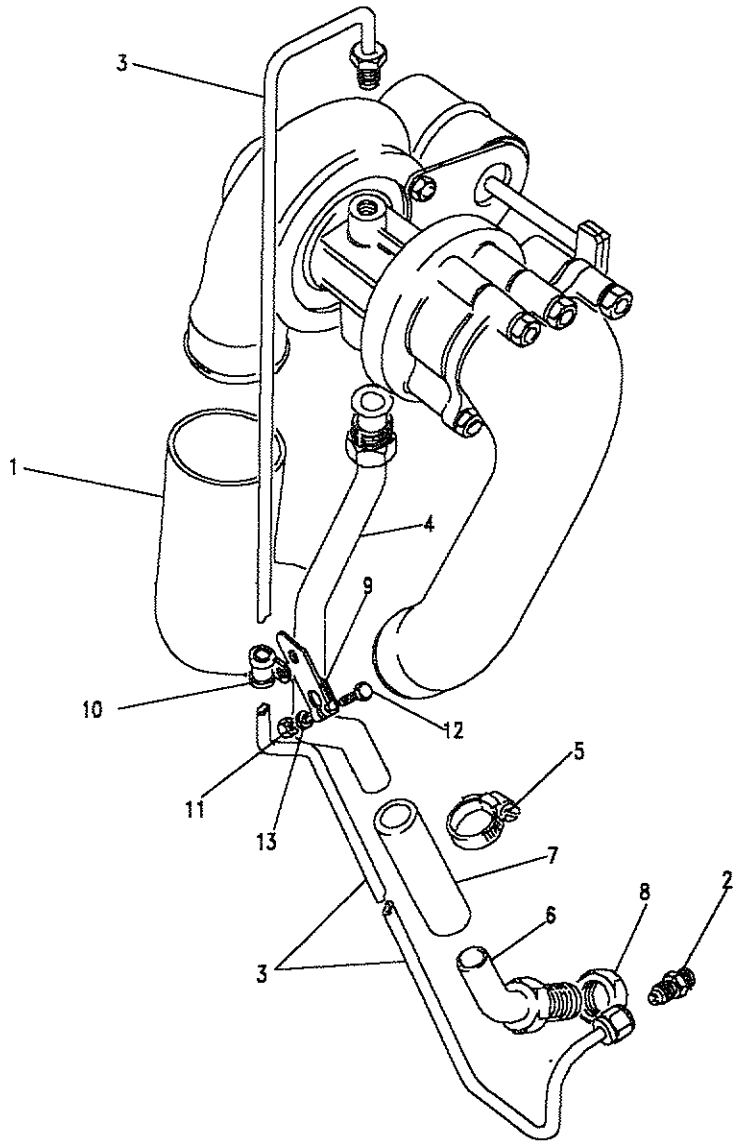
Note(1) ERR1259 screws directly into pump-olive and male nut.

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## ENGINE - TURBO CHARGER - 2.5 DIESEL TURBO



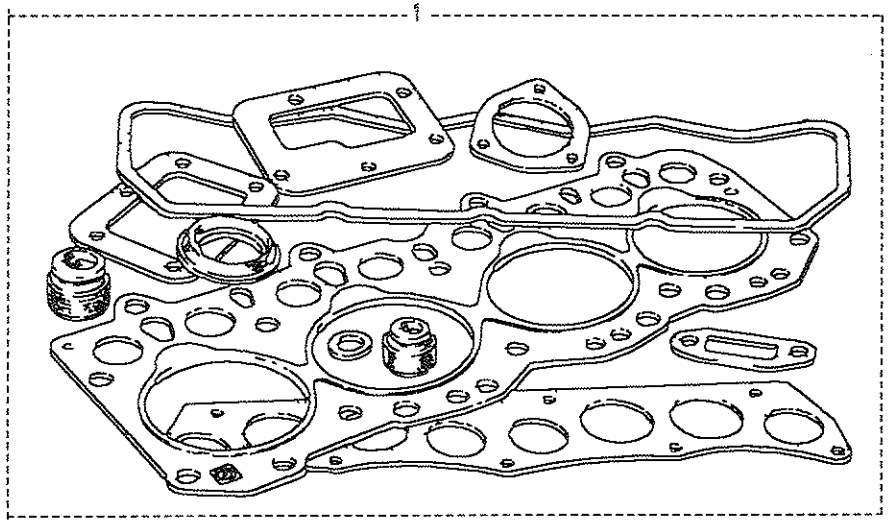

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC99N | Turbo charger | 1 | |
| | STC99E | Turbo charger - exchange | 1 | |
| 2 | RTC6094 | Stud-M8x32 | 1 | |
| 3 | RTC6093 | Stud-M8x48 | 4 | |
| | ERR1125 | Bolt banjo-turbo charger | 1 | |
| | FRC4808 | Washer joint | 2 | |
| 4 | WA108051L | Washer-stud | 5 | |
| 5 | ETC5710 | Gasket-turbo to exhaust | 1 | |
| 6 | ETC5898 | Gasket | 1 | |
| 7 | ETC7058 | Elbow-exhaust outlet | 1 | |
| 8 | ETC7184 | Nut | 4 | |
| 9 | ETC7667 | Stud | 4 | |
| 10 | WA108051L | Washer | 4 | |
| | ETC7186 | Lockplate-fix/exh-man | 2 | |
| 11 | ETC7331 | Pipe assembly | 1 | Upto19J35152C |
| | ERR1260 | Pipe assembly | 1 | From19J35153C |
| 12 | RTC5099 | Hose comp/to actuator | 1 | |
| 13 | UKC3803L | Hose band | 3 | |
| 14 | NH108041L | Nut-turbo exhaust outlet | 4 | |
| 15 | RTC6543 | Actuator assembly | 1 | |
| 16 | RTC6540 | Housing centre | 1 | |
| 17 | RTC6541 | O ring | 1 | |
| 18 | RTC6542 | Snap ring | 1 | |

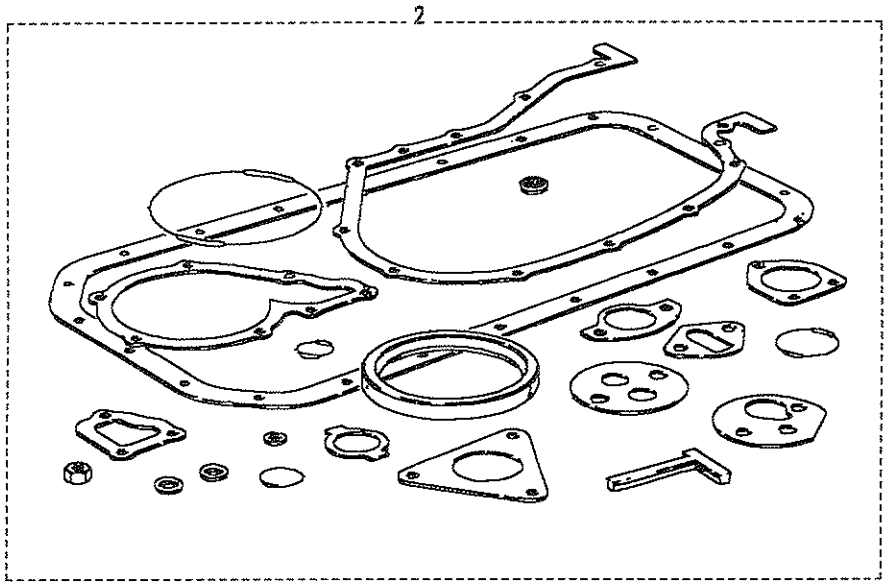



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**Page** ADBHLA2A

## ENGINE - TURBO CHARGER - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5752 | Hose | 1 | |
| 2 | ETC5755 | Adaptor | 1 | |
| | ETC8820 | Adaptor | 1 | From19J29574C |
| 3 | ETC7207 | Pipe oil feed | 1 | |
| | ERR3495 | Pipe oil feed | 1 | From19J29574C |
| 4 | ETC7654 | Pipe oil drain | 1 | |
| | ERR3494 | Pipe oil drain | 1 | From19J29574C |
| 5 | CN100258L | Clip hose | 2 | |
| 6 | ETC6640 | Adaptor | 1 | |
| | ERR335 | Adaptor | 1 | )From19J29574C |
| | ERR896 | Washer | 1 | ) |
| | CP110161 | P Clip | 1 | ) |
| 7 | ETC6663 | Hose-oil drain | 1 | |
| | UKC3796L | Clamp hose | 1 | |
| 8 | ETC6669 | Lock nut | 1 | |
| 9 | ETC8666 | Bracket-oil feed pipe | 1 | |
| | ETC7351 | Bracket-oil feed pipe | 1 | From19J29574C |
| 10 | ETC7558 | Clip cable | 1 | |
| | ETC8843 | Clip cable | 1 | From19J29574C |
| 11 | NH105041L | Nut | 1 | |
| 12 | SH105251L | Screw | 1 | |
| 13 | WA105001L | Washer | 1 | |

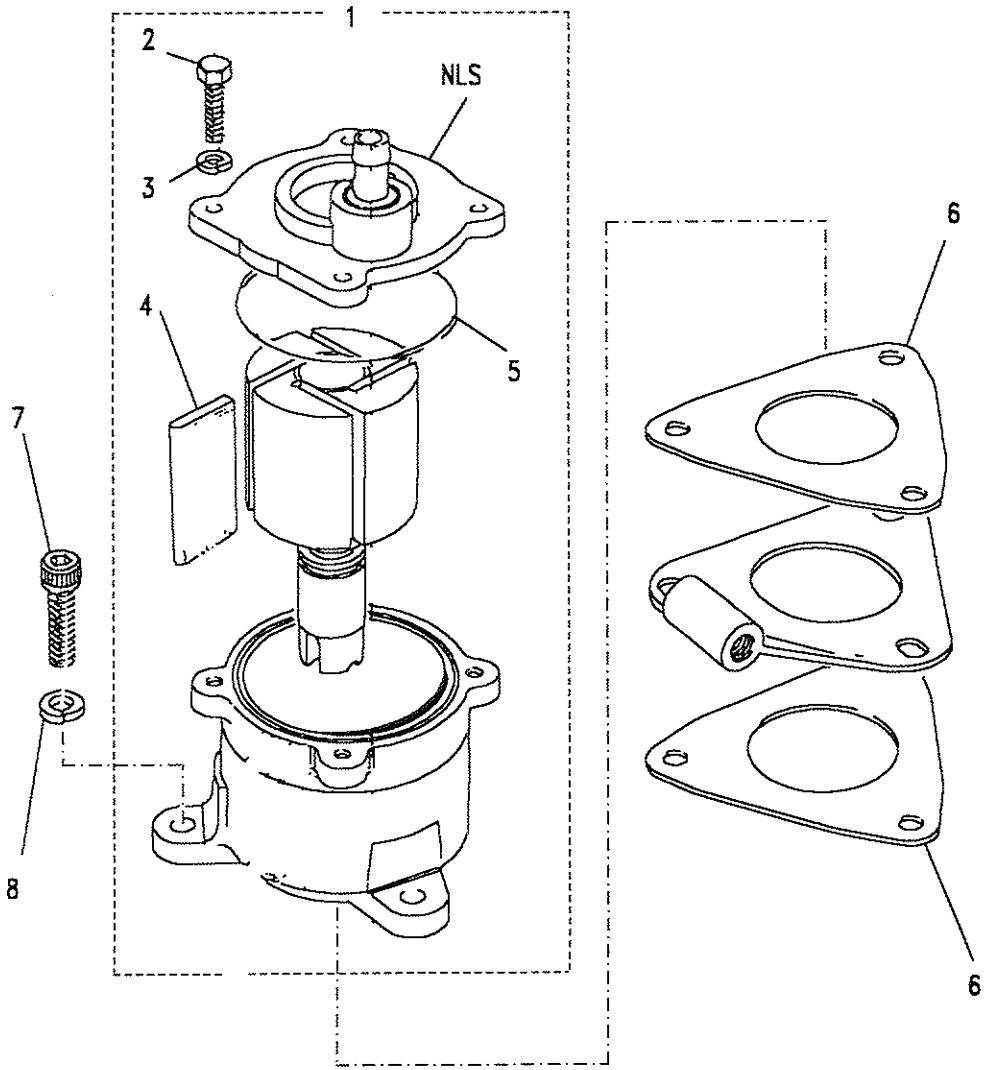



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**Page** ADBHMA1A

## ENGINE - GASKET KIT - 2.5 DIESEL TURBO

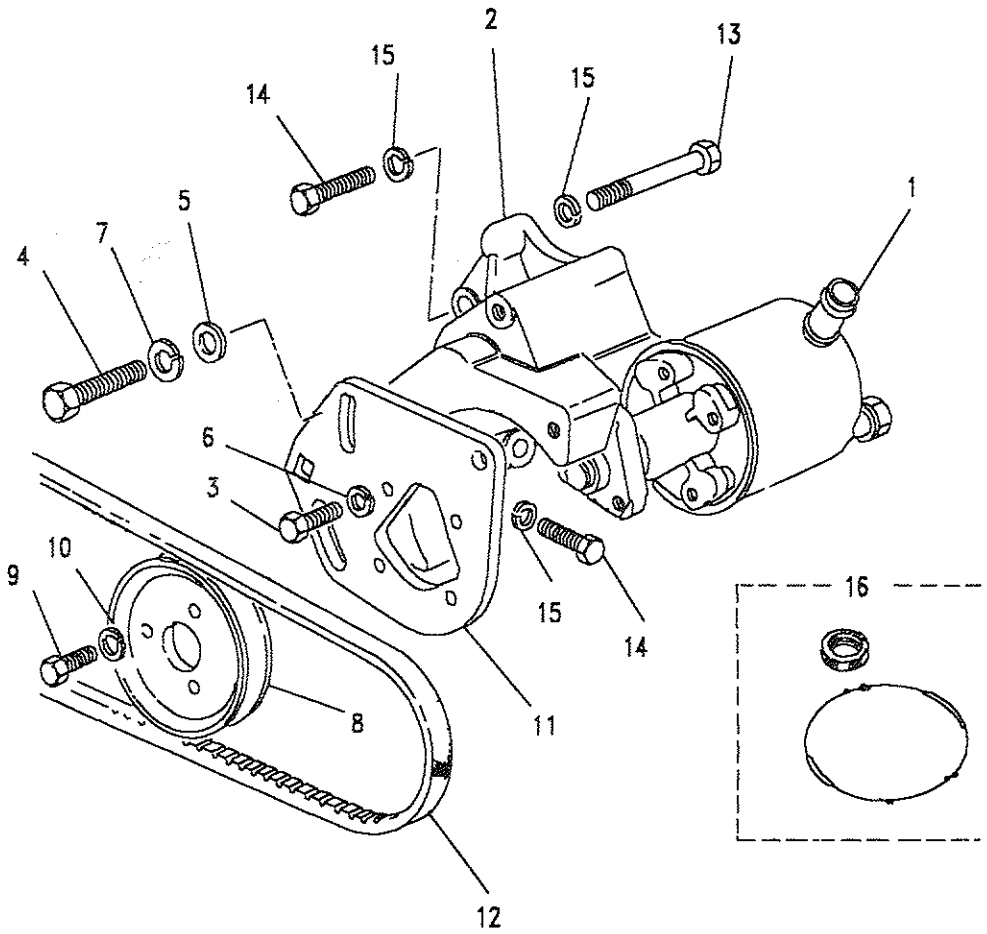
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5774 | Kit gasket decarbonising | 1 | |
| 2 | STC1558 | Kit gasket overhaul | 1 | |




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**Page** ADBHNA1A

## ENGINE - VACUUM PUMP - 2.5 DIESEL TURBO

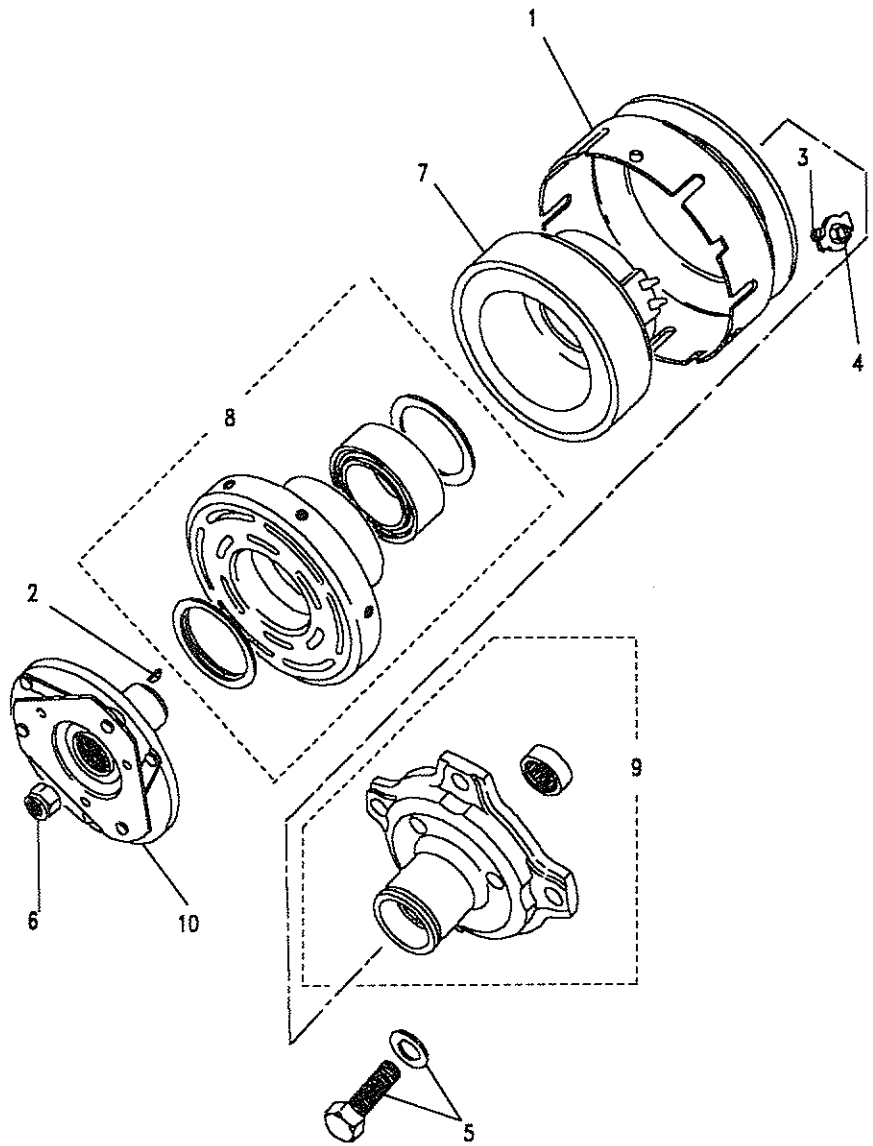
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR535 | Pump vacuum assembly | 1 | |
| 2 | AEU2720 | Bolt | 4 | |
| 3 | WL106001L | Washer-spring-end/plate | 4 | |
| 4 | AEU2718 | Blades rotor | 4 | |
| 5 | AEU2719 | O ring-end plate to body | 1 | |
| 6 | ETC4616 | Gasket | 2 | |
| 7 | SS108301L | Bolt | 3 | |
| 8 | WM600051L | Washer | 3 | |




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**Page** ADBHNC1A

## ENGINE - POWER STEERING PUMP - 2.5 DIESEL TURBO

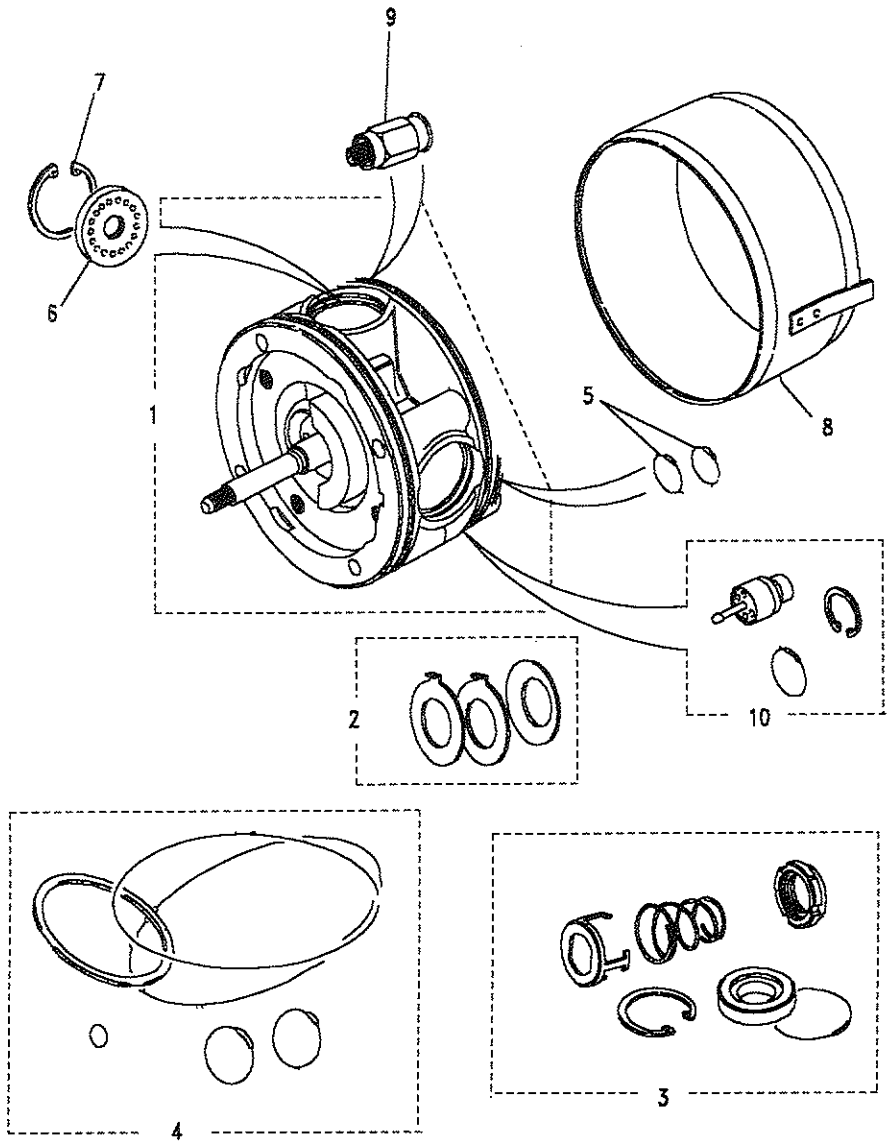
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC9077 | Pump power steering | 1 | )Upto19J27245C |
| | RTC5674 | Banjo | 1 | ) |
| | RTC5675 | Washer sealing | 1 | ) |
| 1 | NTC8287 | Pump power steering | 1 | )From<br>)19J27246C<br>)Upto JULY 92 |
| | NTC9070 | Pump power steering | 1 | From JULY 1992 |
| 2 | ERC6974 | Bracket | 1 | Upto19J27245C |
| | ETC8854 | Bracket | 1 | From19J27246C |
| 3 | FS106201L | Flange screw | 4 | |
| 4 | SH108251L | Screw-pump to bracket | 3 | |
| 5 | WA108051L | Washer-pump to bracket | 2 | |
| 6 | WL106001L | Washer spring | 4 | |
| 7 | WL108001L | Washer spring | 3 | |
| 8 | ETC5783 | Pulley | 1 | |
| 9 | SH108141L | Screw-pulley to pump | 3 | |
| 10 | WL108001L | Washer spring | 3 | |
| 11 | ERR1976 | Plate mounting | 1 | Upto JULY 1992 |
| | ERR2605 | Plate mounting | 1 | From JULY 1992 |
| 12 | ETC5815 | Belt-power steering pump | 1 | |
| 13 | BH108181L | Bolt | 1 | |
| 14 | SH108251L | Screw | 2 | |
| | SH108301L | Screw | 1 | |
| 15 | WL108001L | Washer spring | 4 | |
| 16 | STC1633 | Kit seal (ETC9077) | 1 | |




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## ENGINE - AIR CONDITIONING COMPRESSOR - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | ERC6480 | Compressor assembly | 1 | |
| 1 | AEU1782 | Pulley Rim | 1 | |
| 2 | AEU1694 | Key clutch hub | 1 | |
| 3 | AEU1780 | Screw rim mounting | 6 | |
| 4 | AEU1779 | Washer rim mounting | 6 | |
| 5 | AEU1784 | Screw | 4 | |
| 6 | AEU1775 | Nut shaft | 1 | |
| 7 | AEU1778 | Coil | 1 | |
| 8 | AEU1777 | Rotor | 1 | |
| 9 | AEU1785 | Bearing assembly | 1 | |
| 10 | AEU1776 | Clutch assembly | 1 | |



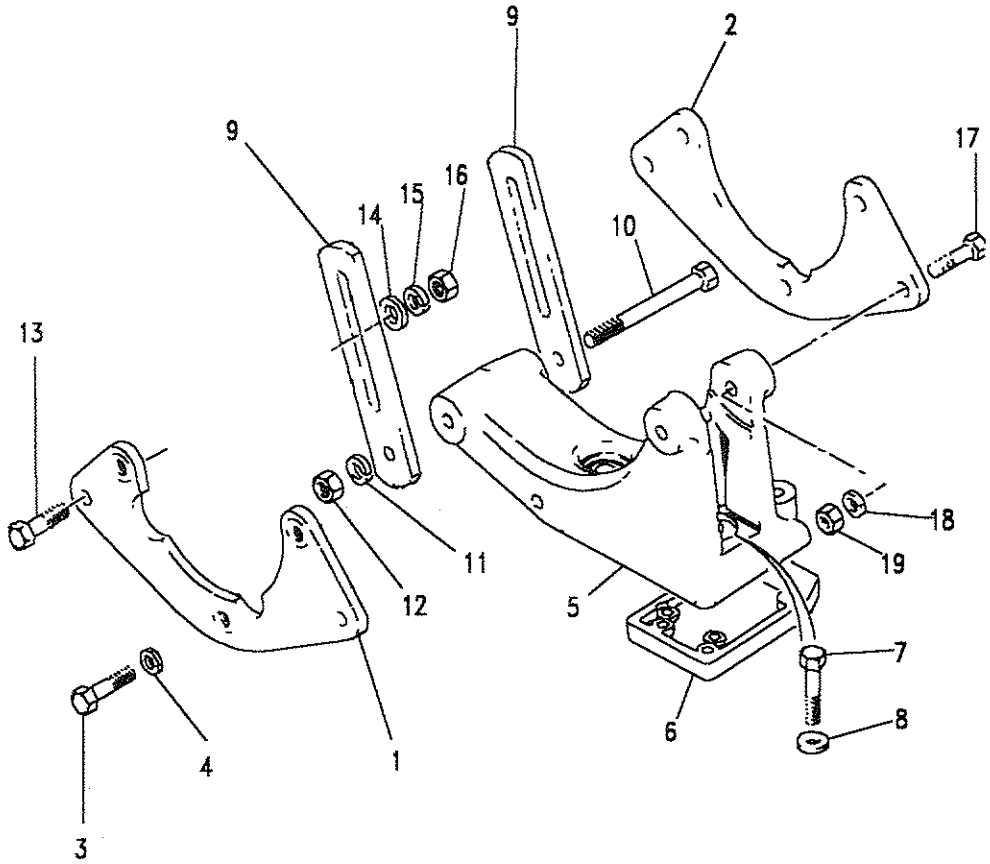

**Model** DEFENDER 90
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**ENGINE - AIR CONDITIONING COMPRESSOR - 2.5 DIESEL TURBO**

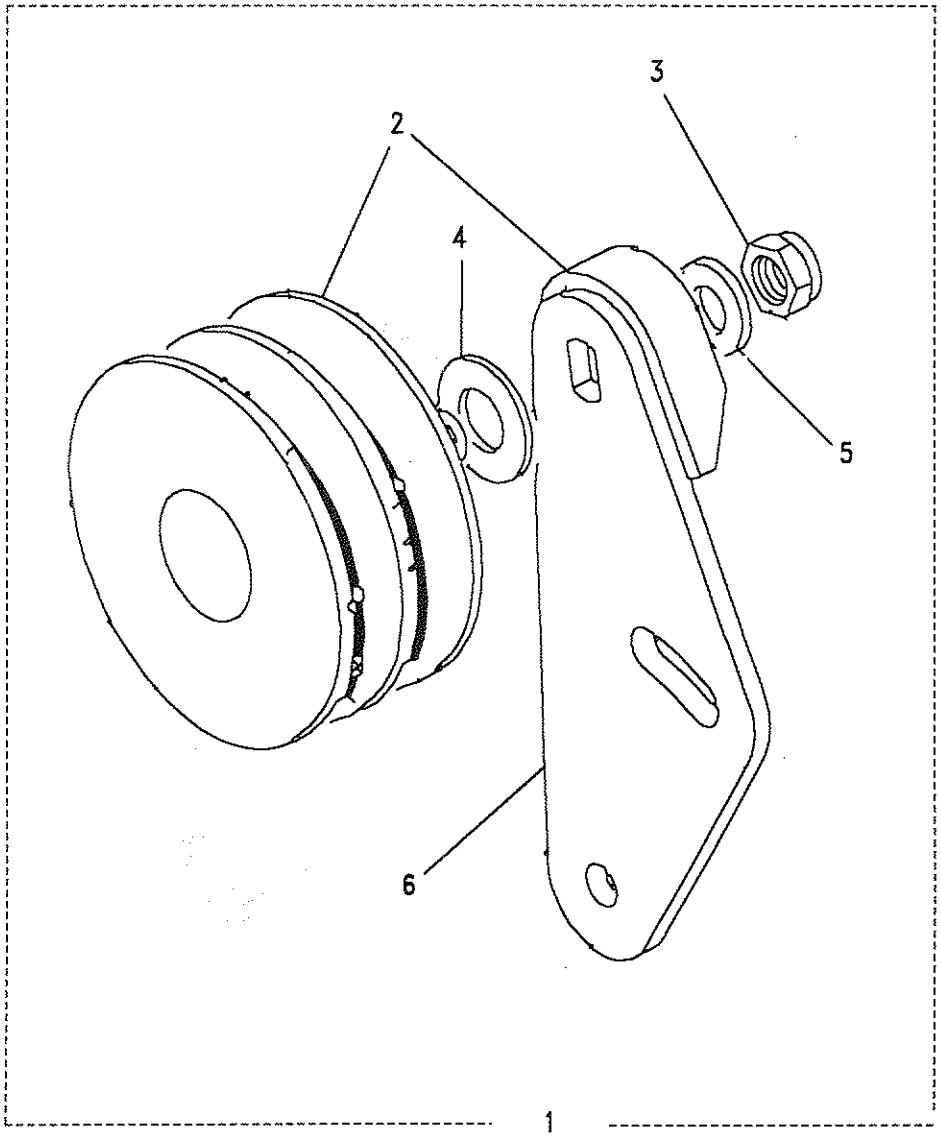
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | ERC6480 | Compressor assembly | 1 | |
| 1 | AEU1792 | Kit cylinder/shaft assy | 1 | |
| 2 | AEU1791 | Kit thrust washers | 1 | |
| 3 | AEU1790 | Kit shaft seal | 1 | |
| 4 | AEU1192 | Kit 'O'rings | 1 | |
| 5 | AEU1690 | 'O'rings | 2 | |
| 6 | AEU1788 | Valve plate assembly | 4 | |
| 7 | AEU1787 | Ring retaining | 4 | |
| 8 | AEU1786 | Shell assembly | 1 | |
| 9 | AEU1689 | Valve pressure | 1 | |
| 10 | AEU1688 | Kit superheat switch | 1 | |
| | ETC4371 | Belt driving | 1 | |
| | AEU1691 | Oil 525 Vis/2pt (1136ml) | A/R | |

**Model** DEFENDER 90
**Page** ADBHNE3A

## ENGINE - COMPRESSOR FIXINGS - 2.5 DIESEL - TURBO



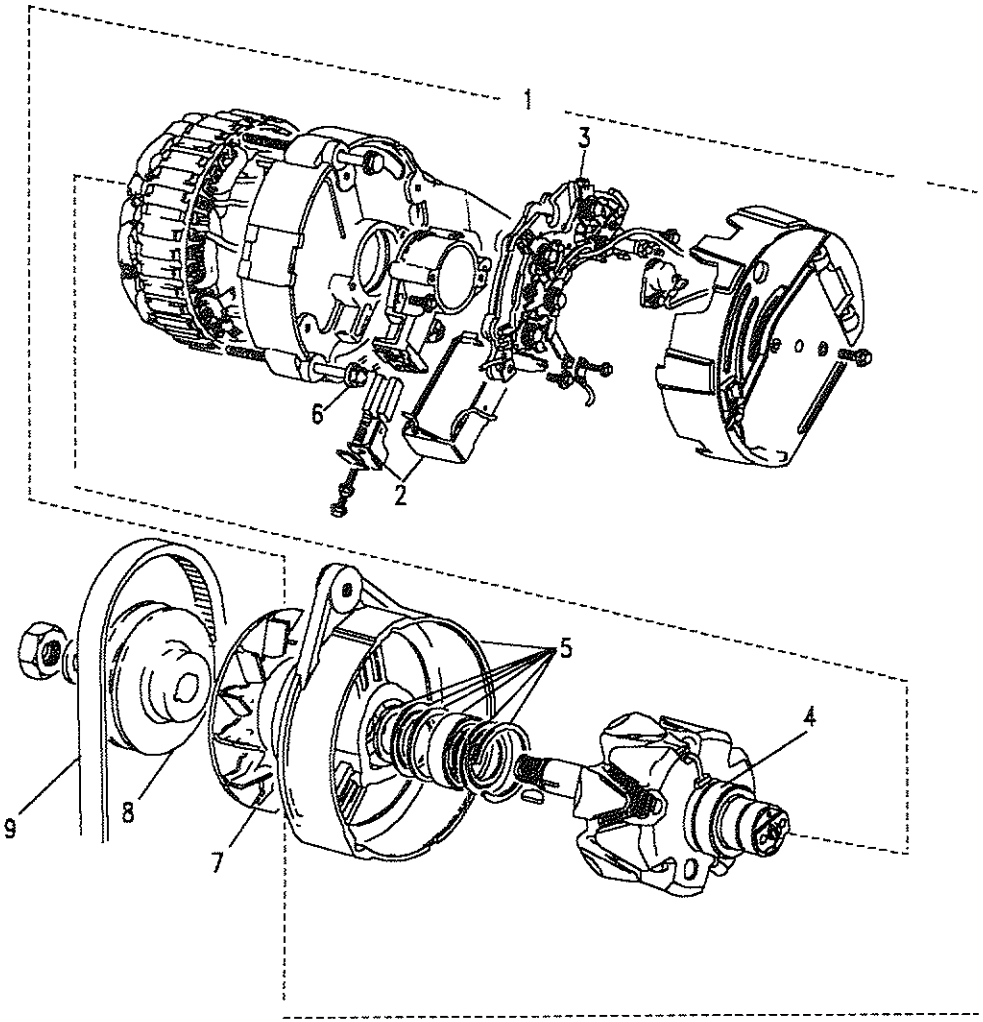

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC7082 | Plate mounting front | 1 | |
| 2 | ERC5152 | Plate mounting rear | 1 | |
| 3 | BH110201L | Bolt compressor to plate | 3 | |
| 4 | WL110001L | Washer spring | 3 | |
| 5 | ETC4882 | Bracket | 1 | |
| 6 | ETC4197 | Plate adaptor bracket | 1 | |
| 7 | BH110101L | Bolt bracket to cover | 4 | |
| 8 | WA110061L | Washer | 4 | |
| 9 | ERC5155 | Adjusting link | 2 | |
| 10 | BH108181L | Bolt link to bracket | 1 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | NH108041L | Nut | 1 | |
| 13 | SH108251L | Screw link to plate | 2 | |
| 14 | WA108051L | Washer | 2 | |
| 15 | WL108001L | Washer spring | 2 | |
| 16 | NH108041L | Nut | 2 | |
| 17 | FB108081L | Bolt bracket to plate | 2 | |
| 18 | WL108001L | Washer spring | 2 | |
| 19 | NH108041L | Nut | 2 | |




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**Page** ADBHNE4A

**ENGINE - AIR CON IDLER PULLEY - 2.5 DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7756 | Pulley damper assembly | 1 | |
| 2 | 554971 | Pulley | 1 | |
| 3 | RTC6077 | Nut | 1 | |
| 4 | 4095 | Washer plain | 1 | |
| 5 | WB108051L | Washer plain | 1 | |
| 6 | ETC4212 | Plate mounting | 1 | |

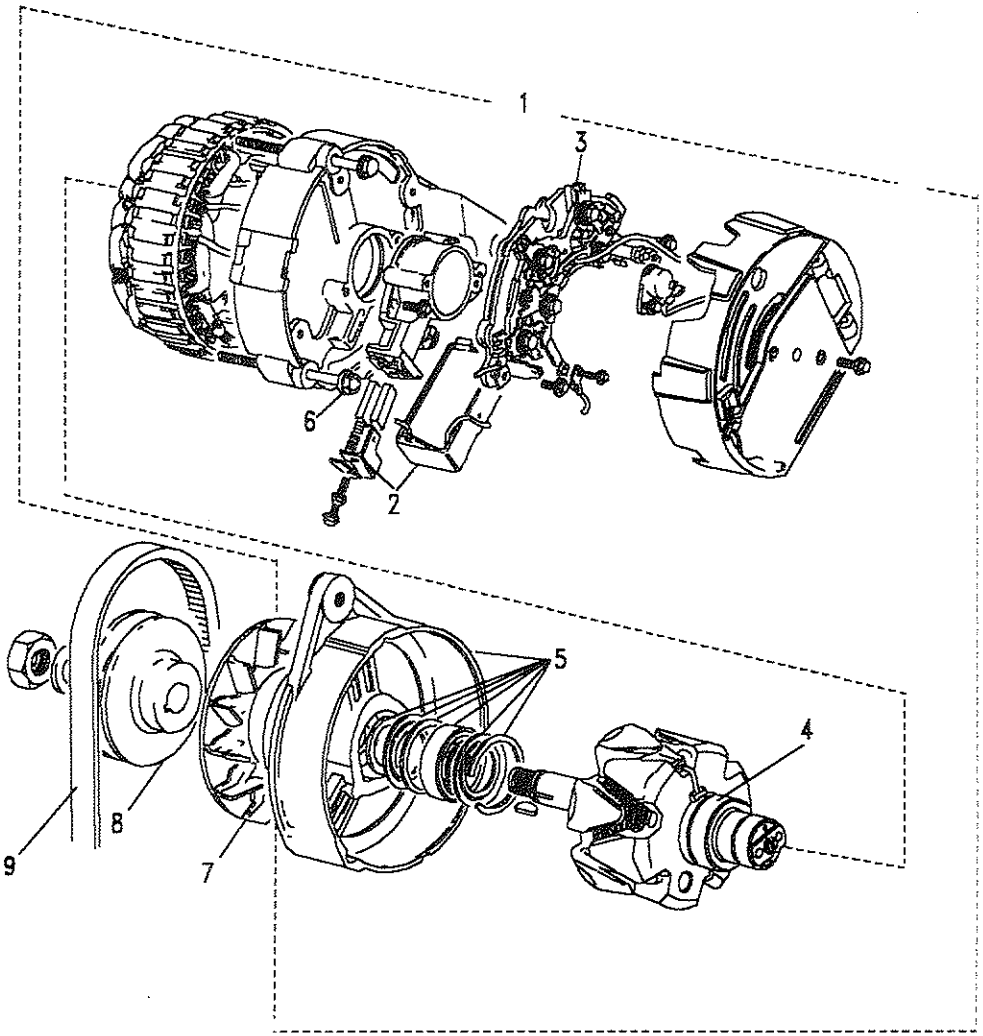



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## ENGINE - ALTERNATOR - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5682N | Alternator A127/45AMP | 1 | Note(1) |
| | RTC5682E | Alternator A127/45AMP | 1 | |
| 2 | RTC5670 | Regulator and brush box | 1 | |
| 3 | RTC5684 | Rectifier | 1 | |
| 4 | RTC5047 | Bearing slip ring end | 1 | |
| 5 | RTC5687 | Bracket & bearing drive | 1 | |
| 6 | RTC5046 | Kit through bolts | 1 | |
| 7 | RTC5685 | Fan | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ETC7939 | Belt fan | 1 | |
| | RTC5689 | Spacer pulley | 1 | |

Note(1) LUCAS number 24199




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**Page** ADBHPC2A

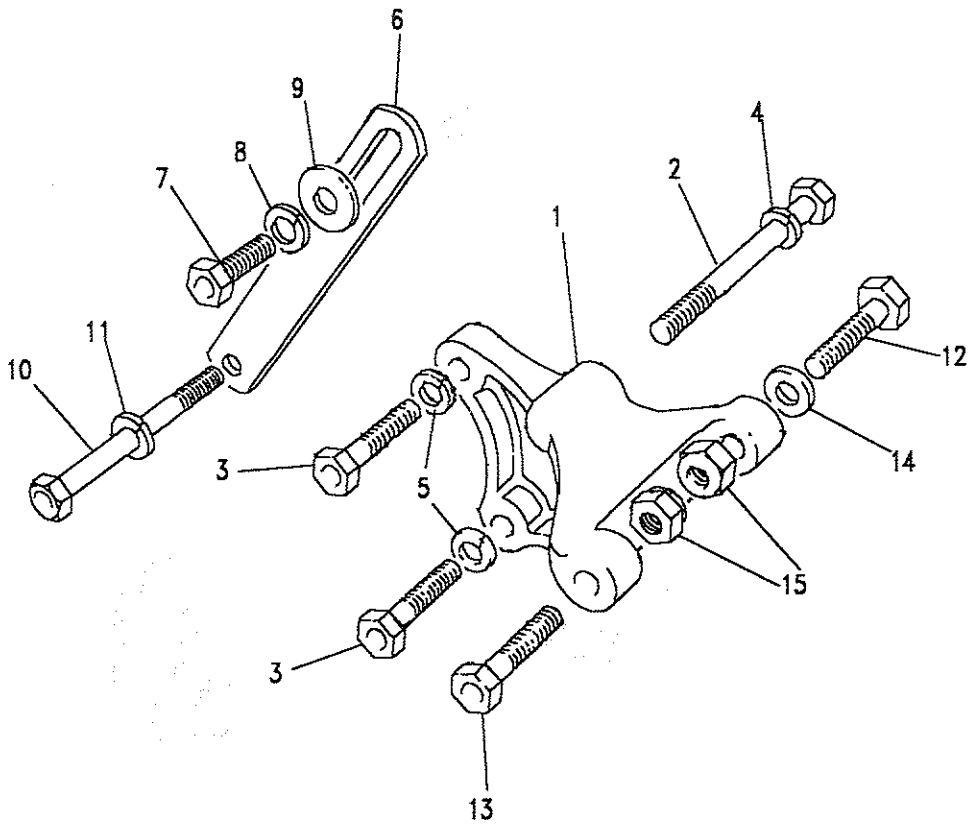
**ENGINE - ALTERNATOR - 2.5 DIESEL TURBO - AIR CON**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5680N | Alternator A127/65AMP | 1 | Note(1) |
| | RTC5680E | Alternator A127/65AMP | 1 | |
| 2 | RTC5670 | Regulator and brush box | 1 | |
| 3 | RTC5671 | Rectifier | 1 | |
| 4 | RTC5047 | Bearing slip ring end | 1 | |
| 5 | RTC5687 | Bracket & bearing-drive | 1 | |
| 6 | RTC5046 | Kit through bolts | 1 | |
| 7 | AAU2249L | Fan alternator | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ETC7939 | Belt fan | 1 | |
| | RTC5689 | Spacer pulley | 1 | |

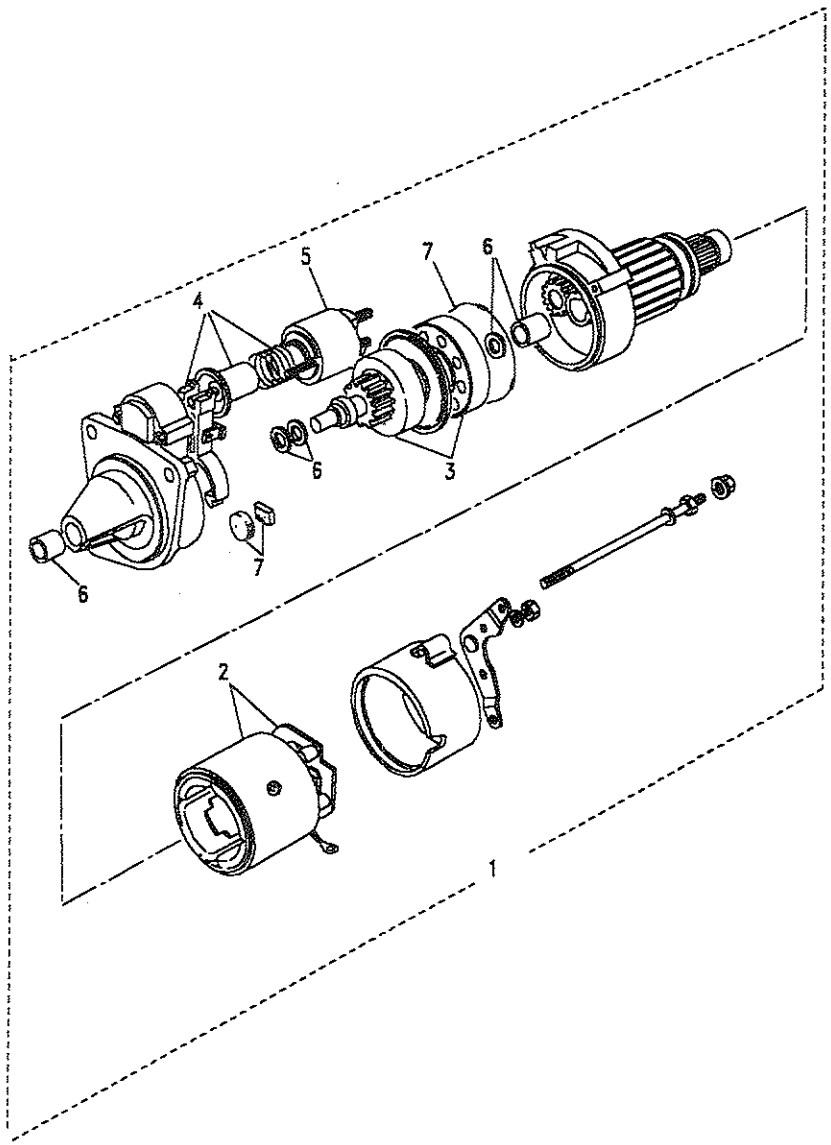
Note(1) LUCAS number 24220

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## ENGINE - FIXINGS ALTERNATOR - 2.5 DIESEL TURBO



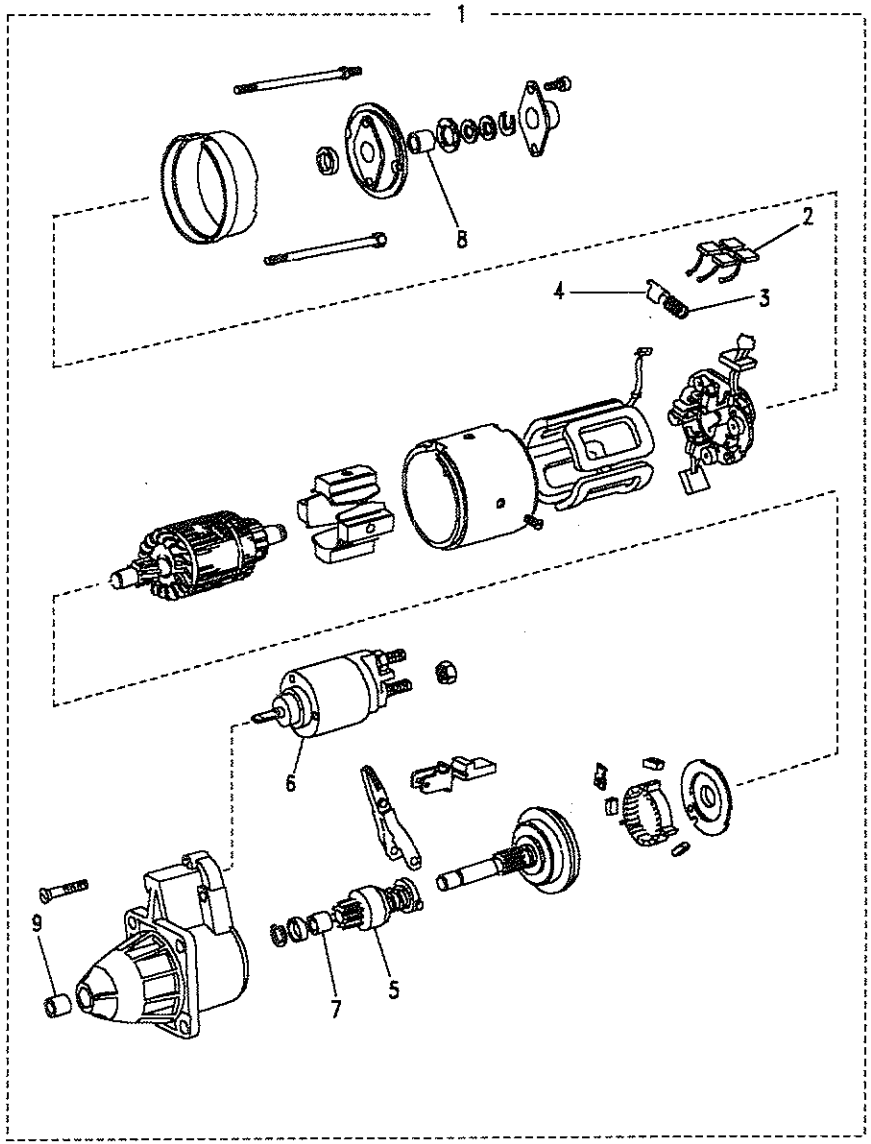

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4357 | Bracket Mounting | 1 | |
| 2 | BH108161L | Bolt bracket to block | 1 | |
| 3 | SH110301L | Bolt bracket to block | 2 | |
| 4 | WL108001L | Washer spring | 1 | |
| 5 | WL108001L | Washer spring | 2 | |
| 6 | ERC5139 | Link adjusting | 1 | |
| 7 | FS108201L | Screw link to alternator | 1 | |
| 8 | WL108001L | Washer spring | 1 | |
| 9 | 2266L | Washer | 1 | |
| 10 | ERC8964 | Bolt link to block | 1 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | FB108081L | Bolt bracket to block | 1 | |
| 13 | BH108091L | Bolt bracket to block | 1 | |
| 16 | ERC7974 | Spacer | 1 | |
| 14 | WC108051L | Washer | 1 | |
| 15 | NY108041L | Nut nyloc | 2 | |




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## ENGINE - STARTER MOTOR - 2.5 DIESEL TURBO

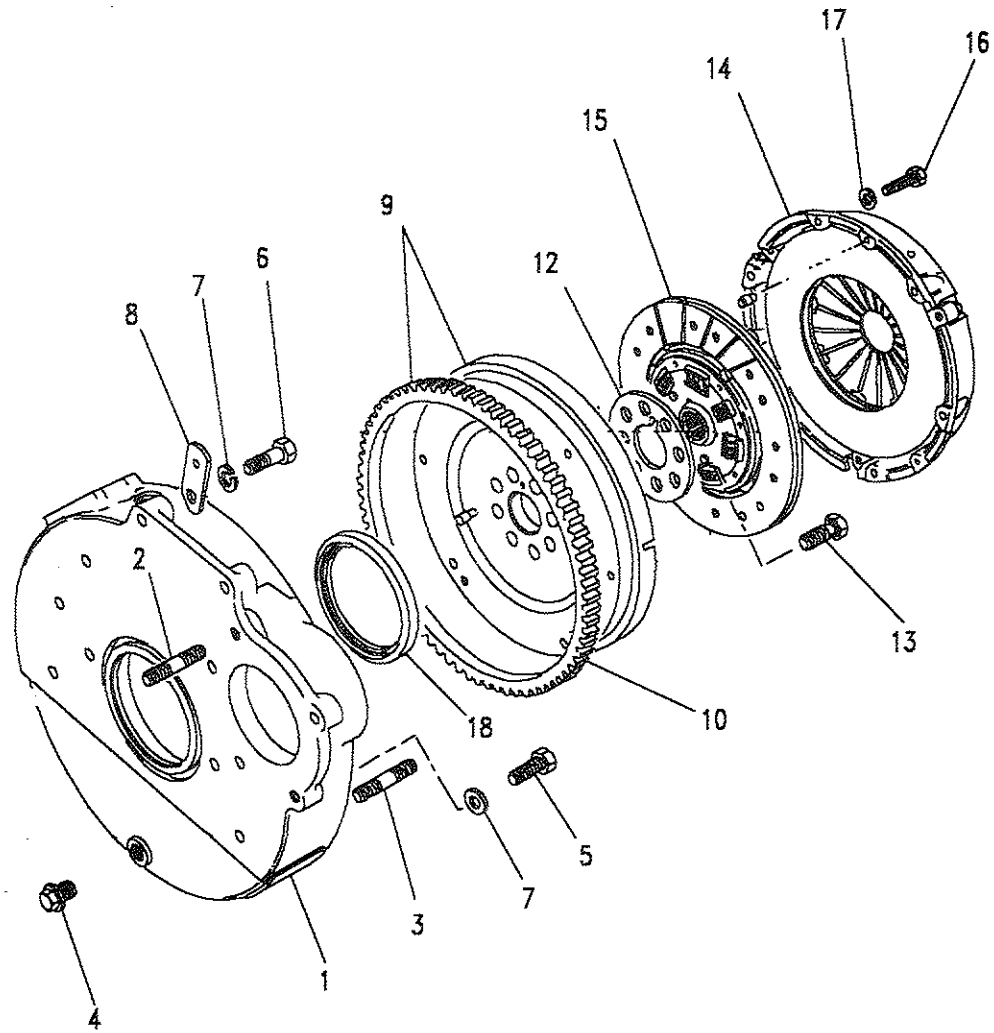
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used up to JAN 1993** | | | | |
| 1 | PRC5109N | Starter motor | 1 | PARIS RHONE |
| | PRC5109E | Starter motor exchange | 1 | |
| 2 | RTC4981 | Inductor | 1 | |
| 3 | RTC4982 | Pinion drive assembly | 1 | |
| 4 | RTC4979 | Lever shift assembly | 1 | |
| 5 | RTC4978 | Solenoid | 1 | |
| 6 | RTC4980 | Kit repair | 1 | |
| 7 | RTC4983 | Kit gasket | 1 | |
| | PRC5538 | Earth cable | 1 | |
| | SH110301L | Screw-starter to flywheel | 1 | |
| | NH110041L | Nut-starter to flywheel | 2 | |
| | WL110001L | Washer spring | 3 | |
| | BH110091L | Bolt-starter to flywheel | 4 | |




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**Page** ADBHPE2A

## ENGINE - STARTER MOTOR - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used from JAN 1993** | | | | |
| 1 | ERR5009 | Starter motor | 1 | |
| 2 | STC1246 | Brush set | 1 | |
| 3 | STC1254 | Spring compression | 4 | |
| 4 | STC1247 | Guide brush | 4 | |
| 5 | STC1244 | Drive assembly | 1 | |
| 6 | STC1245 | Solenoid | 1 | |
| 7 | STC1250 | Bush | 2 | |
| 8 | STC1251 | Bush | 1 | |
| 9 | STC1255 | Bush | 1 | |




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## ENGINE - FLYWHEEL AND CLUTCH - 2.5 DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7336 | Housing flywheel assembly | 1 | |
| 2 | TE110061L | Stud-bell housing | 11 | |
| 3 | ERC9240 | Stud-starter motor | 1 | |
| 4 | ERC7295 | Plug | 1 | |
| 5 | SH110301L | Screw-housing to block | 6 | |
| 6 | BH110091L | Bolt-housing to block | 2 | |
| 7 | WA110061L | Washer-housing to block | 8 | |
| 8 | ERC9404 | Bracket-harness clip | 2 | |
| 9 | ETC5780 | Flywheel assembly | 1 | |
| 10 | 568431 | Starter ring | 1 | |
| 11 | 502116 | Dowel | 3 | |
| 12 | ERC4658 | Plate reinforcement | 1 | |
| 13 | ERC6551 | Bolt-flywheel to crank | 8 | |
| 14 | FTC575 | Cover clutch | 1 | |
| 15 | FTC2149 | Plate clutch | 1 | |
| | STC8358 | Kit clutch | 1 | |
| | FTC2149 | Plate | 1 | |
| | FTC575 | Cover | 1 | |
| | FRC9568 | Bearing | 1 | |
| 16 | SX108201L | Screw | 6 | |
| 17 | WL108001L | Washer spring | 6 | |
| 18 | ERR1535 | Seal oil | 1 | |

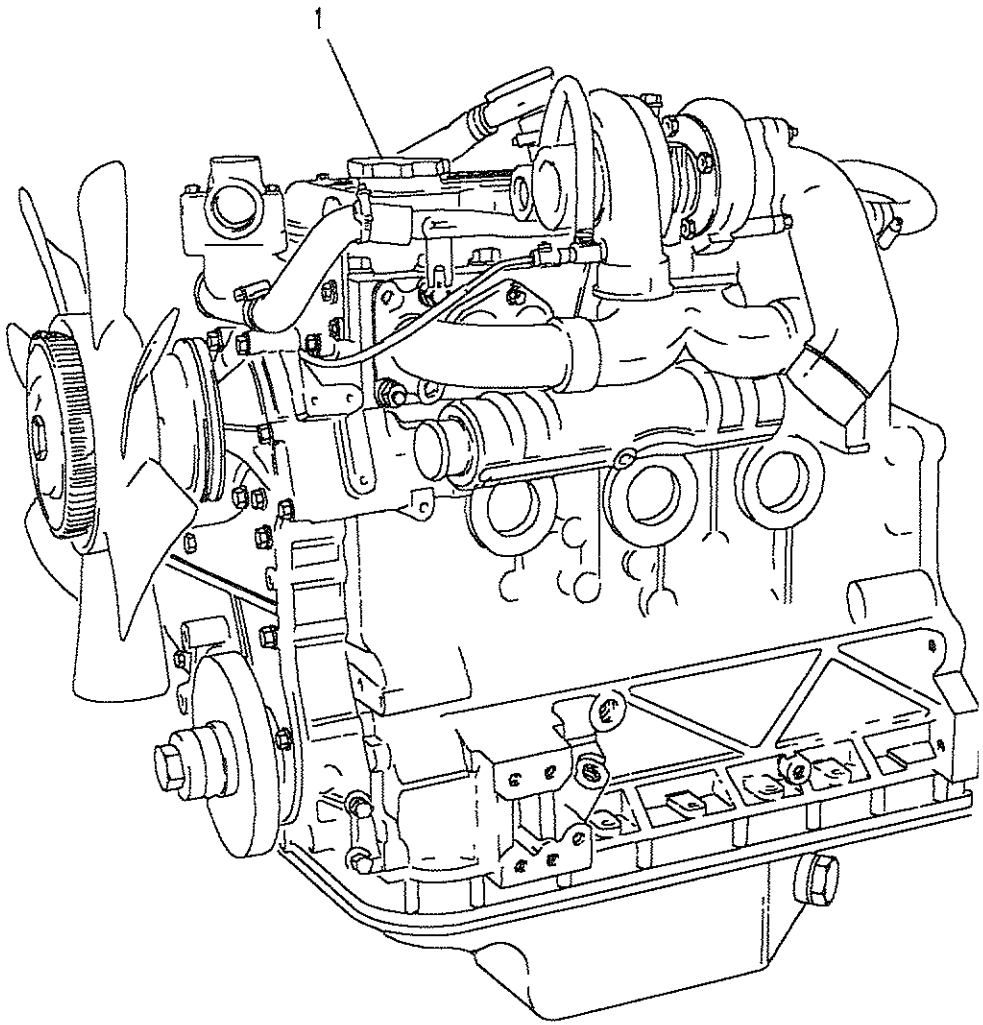
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GROUP B

ENGINE

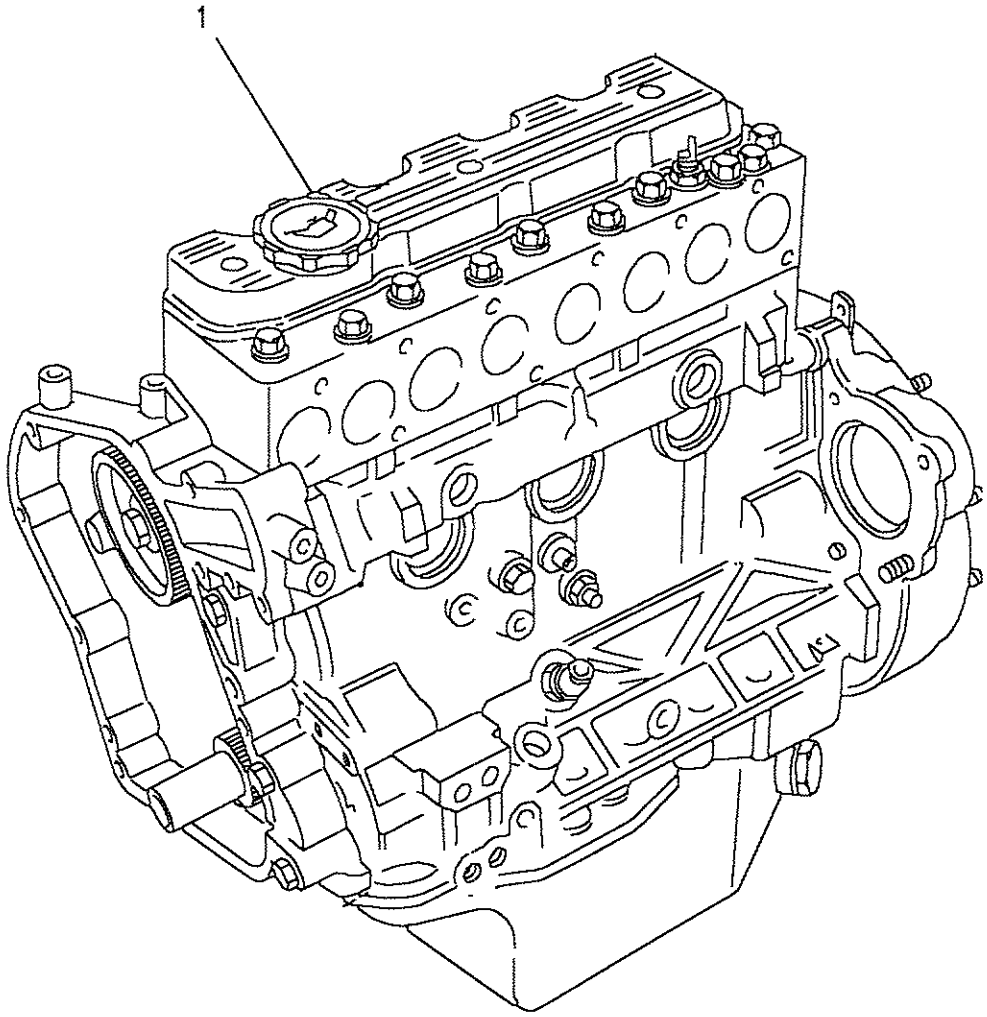

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**ENGINE - ENGINE COMPLETE - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC308 | Engine complete assembly | 1 | 11L00001 |

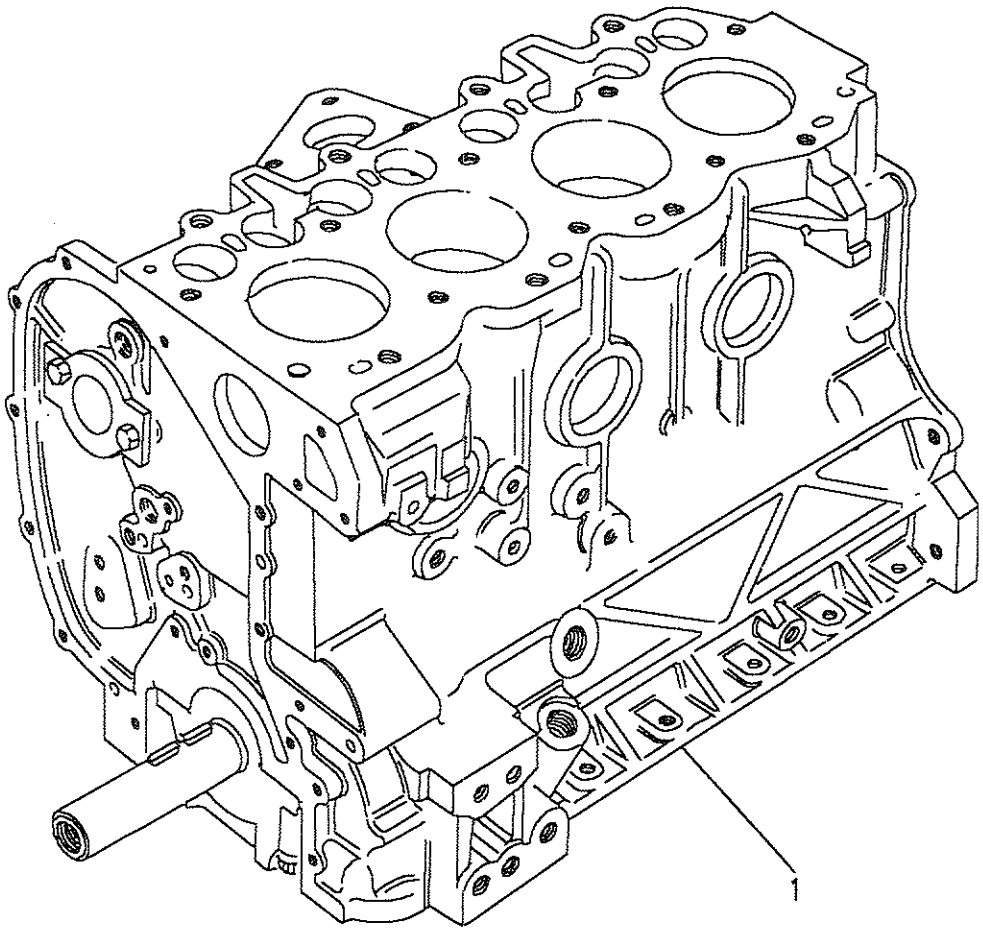



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**ENGINE - ENGINE STRIPPED - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC309N | Engine stripped assembly | 1 | 11L00001 |

Note(1) Engine less ancillary equipment

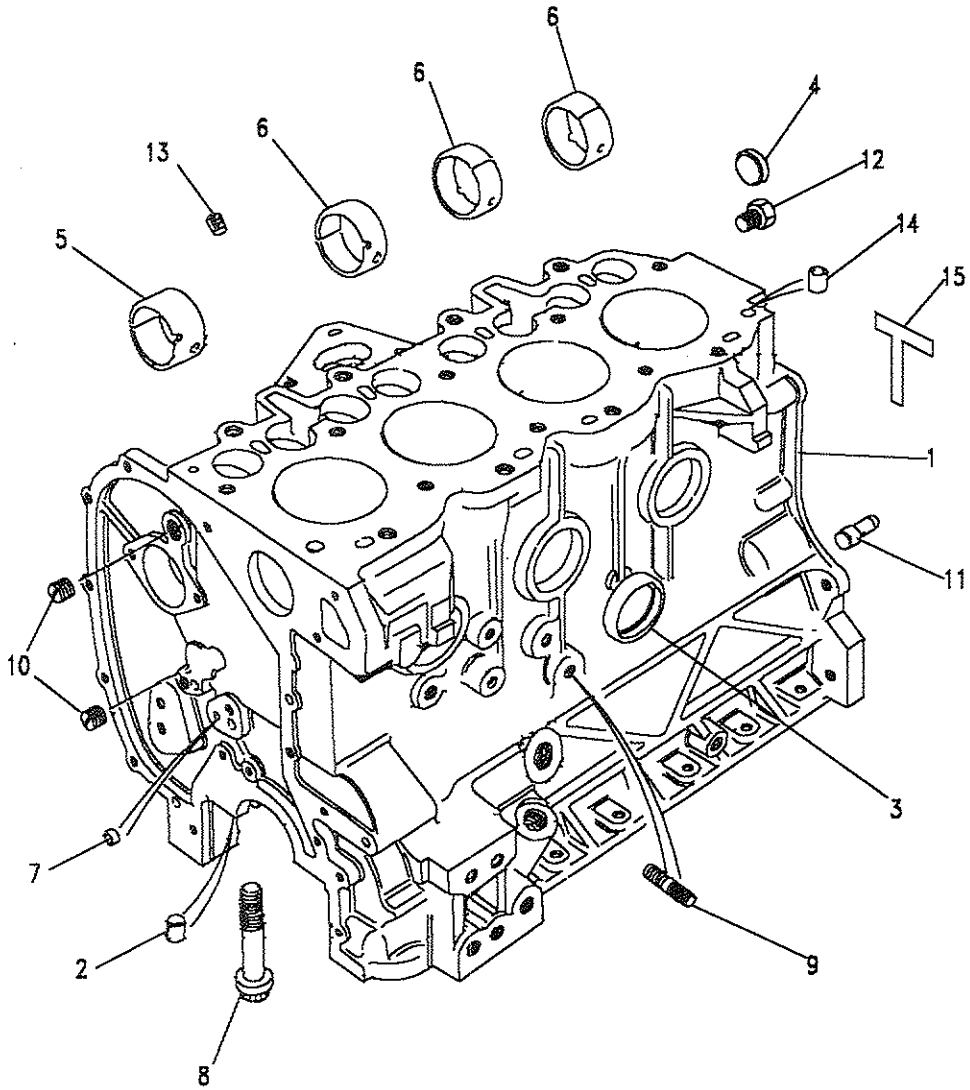



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**ENGINE - ENGINE SHORT - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6635 | Engine short assembly | 1 | 11L00001 |

Note(1) Cyl block/Crank/Main bearings/Con rod/Pistons

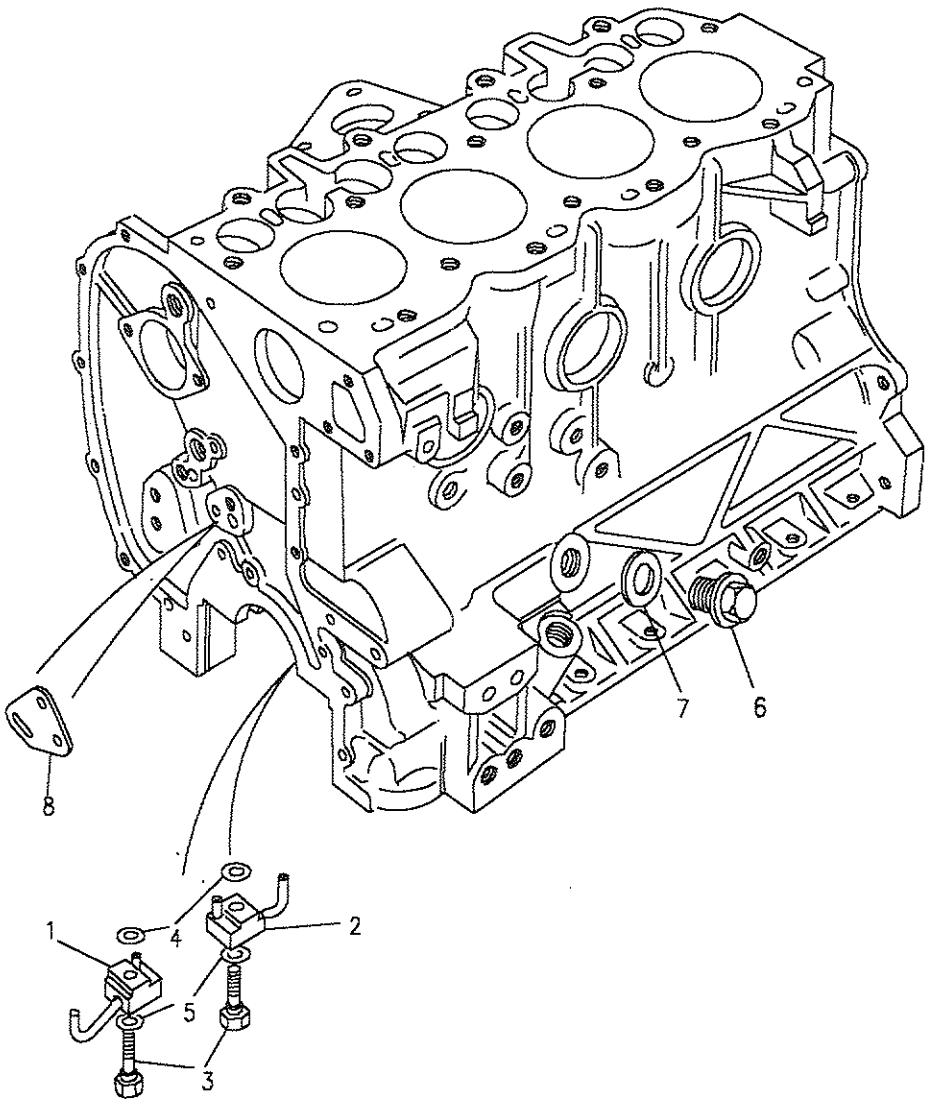



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## ENGINE - CYLINDER BLOCK - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR3 | Cylinder block assembly | 1 | |
| 2 | 501593 | Dowel-bearing caps | 10 | |
| 3 | ERC4996 | Cup plug | 6 | |
| 4 | 597586 | Cup plug | 1 | |
| 5 | ETC8442 | Bearing-cam | 1 | |
| 6 | 90519055 | Bearing-cam | 3 | |
| 7 | ETC4529 | Plug-cup | 1 | |
| 8 | ETC8074 | Bolt-main bearing cap | 10 | |
| 9 | TE108031L | Stud-starter motor | 1 | |
| 10 | 247127 | Plug-oil gallery | 1 | |
| 11 | ERC4644 | Dowel flywheel housing | 2 | |
| 12 | ETC4922 | Plug-gallery pipe | 1 | |
| 13 | ERR5034 | Plug camshaft oil feed | 3 | |
| 14 | ETC8352 | Ring-dowel head/block | 2 | |
| 15 | ERR913 | Packing strip | 2 | Note(1) |

Note(1) Part of gasket kit STC363

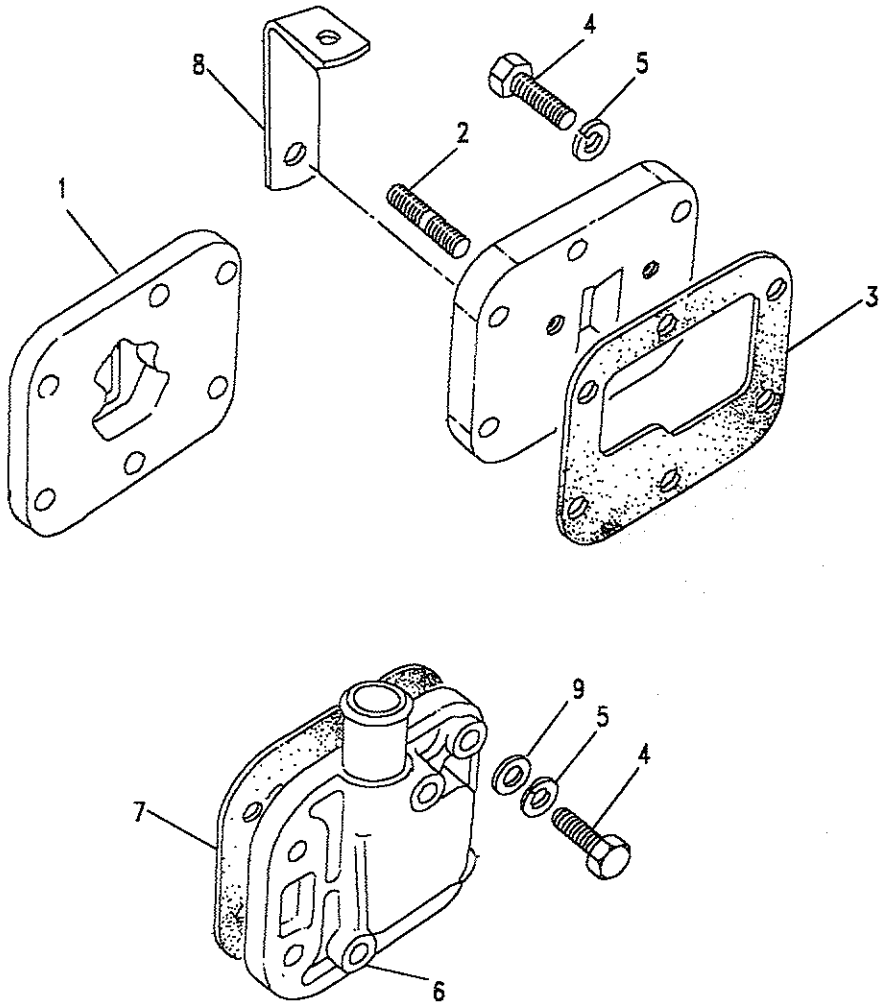



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**ENGINE - JET ADAPTORS - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6531 | Jet assembly No1&No3 cyl | 2 | |
| 2 | ETC6532 | Jet assembly No2&No4 cyl | 2 | |
| 3 | ETC5592 | Valve relief | 4 | |
| 4 | AFU1879L | Washer joint | 4 | Note(1) |
| 5 | AFU1887L | Washer joint | 4 | Note(1) |
| 6 | ERC9410 | Plug drain | 1 | |
| 7 | AFU1882L | Washer joint | 1 | Note(1) |
| 8 | ERC8864 | Gasket | 1 | Note(1)(2) |

Note(1) Part of gasket kit STC363
Note(2) No longer fitted



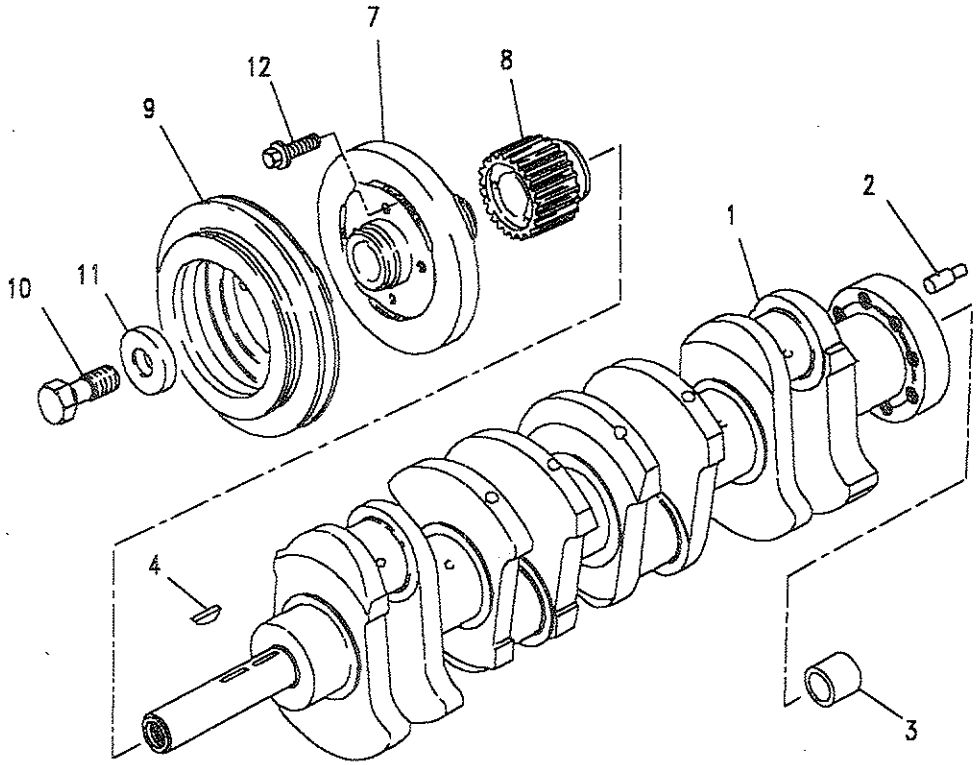

TS6825

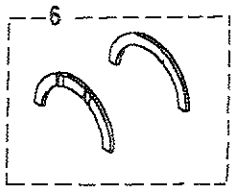
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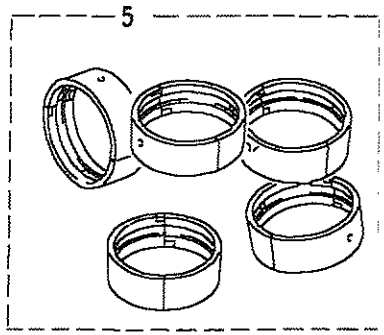
## ENGINE - SIDE COVER - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7929 | Plate cover | 1 | |
| 2 | TE108041L | Stud | 2 | |
| 3 | ERR1475 | Washer joint | 1 | Note(1) |
| 4 | FS108251L | Screw | 9 | |
| 5 | WL108001L | Washer spring | 12 | |
| 6 | ERR506 | Cover side | 1 | |
| 7 | 247555 | Gasket side cover | 1 | Note(1) |
| | ERR3605 | Gasket side cover | 1 | Asbestos free |
| 8 | ERC9480 | Bracket harness clip | 1 | |
| 9 | WA108051L | Washer plain | 3 | |

Note(1) Part of gasket kit STC363



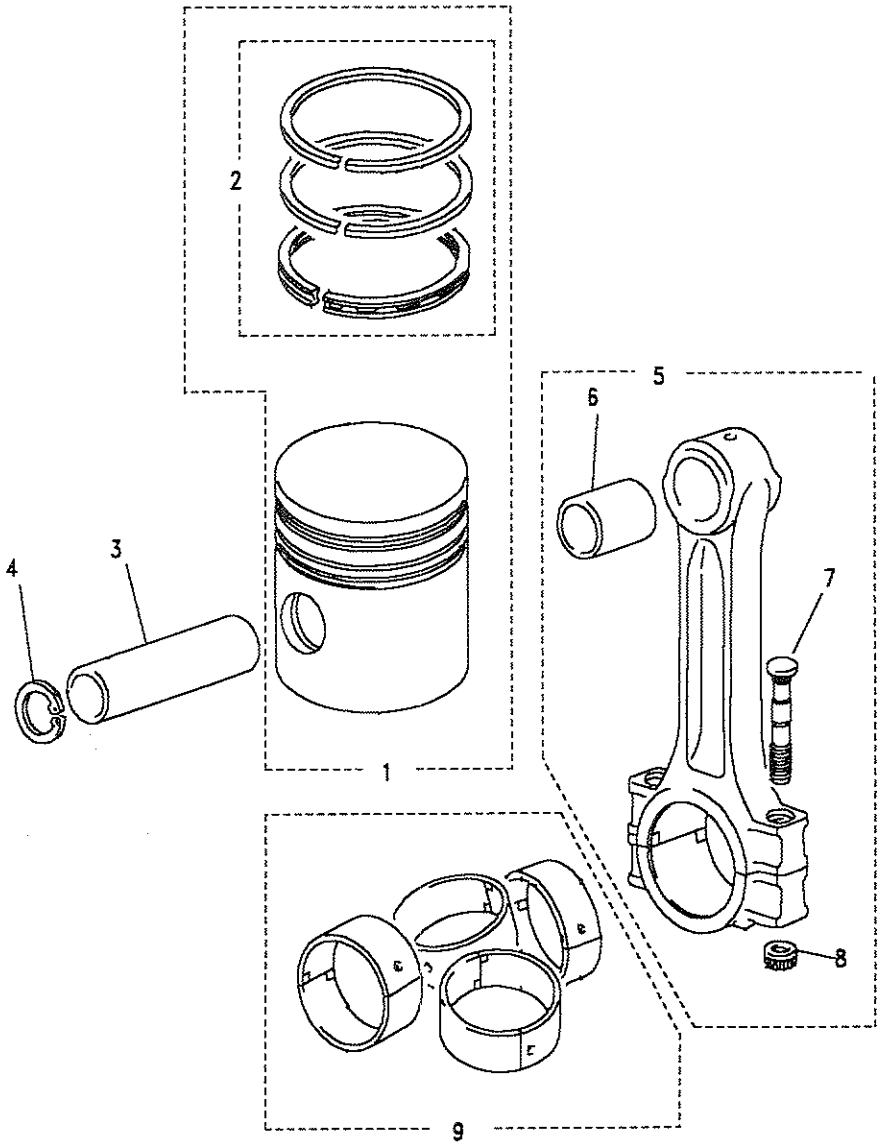

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**ENGINE - CRANKSHAFT - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1181 | Crankshaft | 1 | |
| 2 | ERR1630 | Dowel crankshaft | 1 | |
| 3 | 8566L | Bush crankshaft | 1 | |
| 4 | 235770 | Key | 2 | |
| 5 | RTC4783 | Bearing kit main | 1 | |
| | RTC478310 | Bearing kit main 010" | 1 | |
| | | KIT THRUST WASHER PAIRS | | |
| 6 | RTC2825 | Standard | A/R | |
| | 538131 | 0.0025" oversize | A/R | |
| | 538132 | 0.0050" oversize | A/R | |
| | 538133 | 0.0075" oversize | A/R | NLA Use 538134 |
| | 538134 | 0.010" oversize | A/R | |
| 7 | ETC4077 | Damper & pulley assembly | 1 | BASIC |
| | ERR751 | Damper & flinger assy | 1 | AIR CON & PAS |
| | ETC4390 | Flinger t/v damper | 1 | |
| 8 | ERR1642 | Pulley crankshaft timing | 1 | |
| 9 | ERC6861 | Pulley PAS | 1 | )Note(1) |
| | ERC6859 | Pulley AIR CON & PAS | 1 | ) |
| 10 | ERR605 | Bolt crankshaft | 1 | |
| 11 | ERR705 | Washer thrust | 1 | |
| 12 | FS108201L | Screw flange M8x20 | 4 | |

Note(1) When power steering or air conditioned is fitted use ERR751 torsional vibration damper and bolt together with appropriate pulley

Note(2) From DEC1992 ERR3093 replaces ERC6861/ERC6859 this must be used with fan ERR3380.

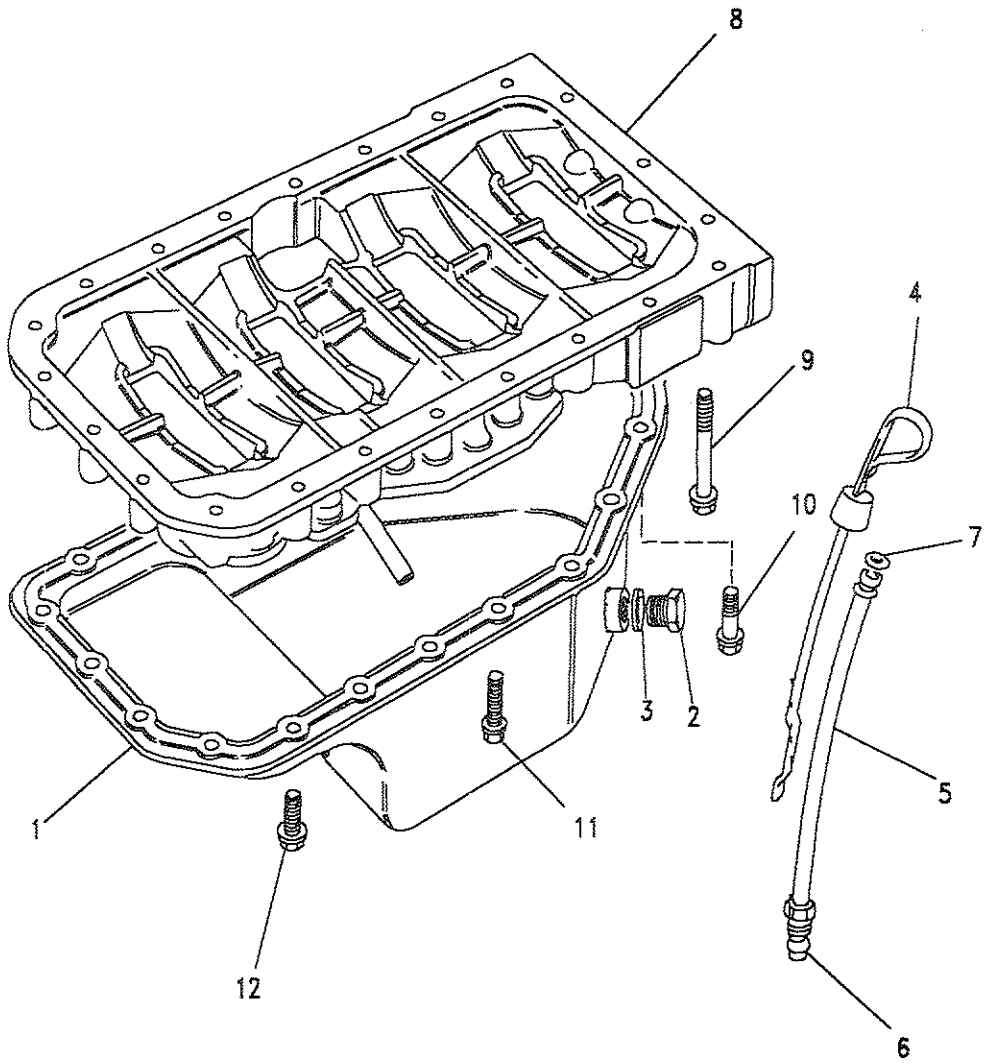



**Model** DEFENDER 90
**Page** ADBMCC1A

## ENGINE - PISTONS AND RINGS - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1390 | Piston assembly GX | 4 | Note(1) |
| 1 | ERR1391 | Piston assembly GY | 4 | Note(2) |
| 2 | RTC6457 | Kit piston ring | 4 | |
| 3 | ERR703 | Gudgeon pin | 4 | |
| 4 | 266945 | Circlip | 2 | |
| 5 | ETC8086 | Connecting rod assembly | 4 | |
| 6 | ETC7286 | Bush | 4 | |
| 7 | ETC7357 | Bolt | 2 | |
| 8 | ETC8191 | Nut conn rod | 2 | |
| **Con Rod Bearing: Engine Set** | | | | |
| 9 | RTC2993 | Bearing set big end | 1 | Standard |
| | RTC299310 | Beraing set big end | 1 | 0.010"o/size |

Note(1) Grade X Piston is For Cylinder Bore 90.487-90.475(see Note 3)
Note(2) Grade Y Piston is For Cylinder Bore 90.500-90.487(see Note 3)
Note(3) PISTONS MUST BE CHANGED AS COMPLETE SETS.

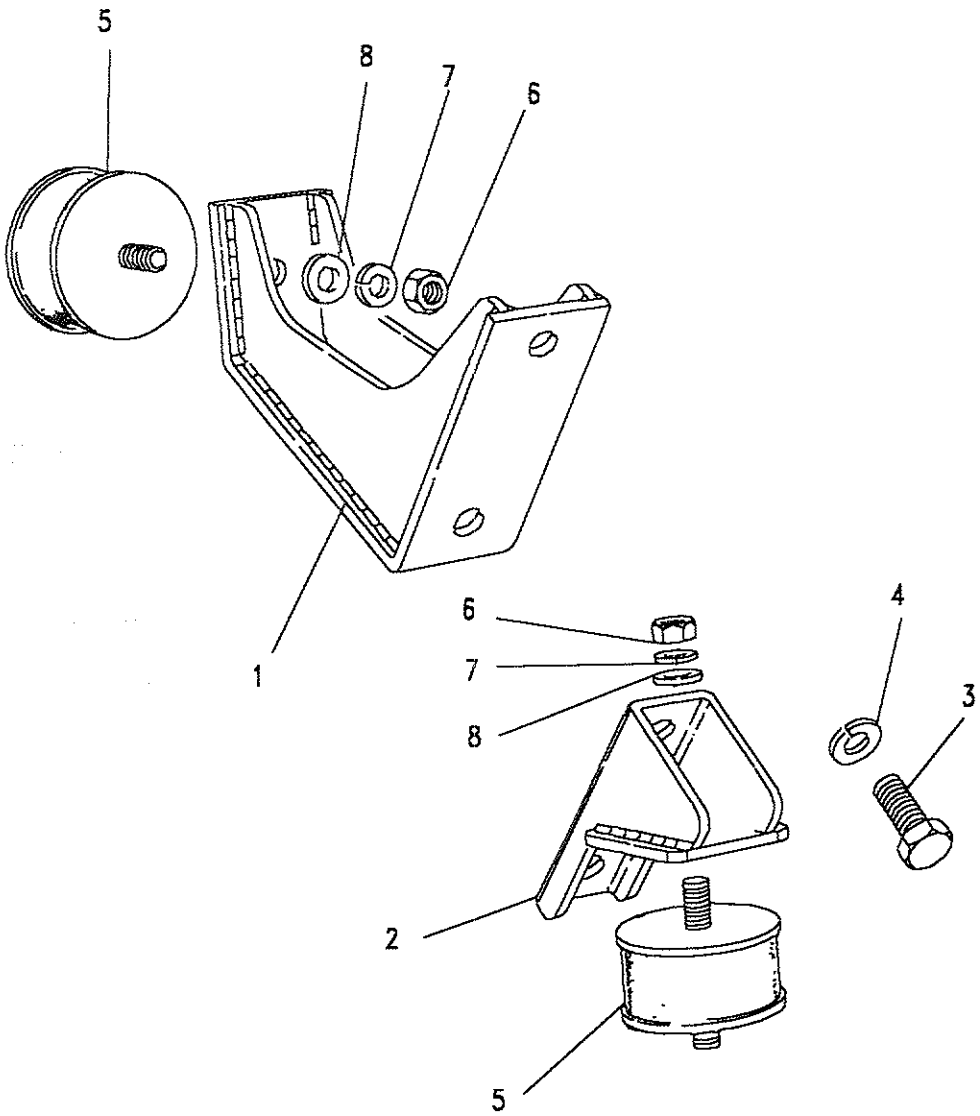



**Model** DEFENDER 90
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## ENGINE - SUMP/LADDER FRAME - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1790 | Sump | 1 | Note(2) |
| | ERR3277 | Sump | 1 | Note(3) |
| | ETC7398 | Washer copper | 1 | Note(3) |
| 2 | 603659 | Plug drain | 1 | |
| 3 | 213961 | Washer joint plug | 1 | Note(1) |
| 4 | ETC7867 | Rod oil level | 1 | |
| 5 | ERC8980 | Tube dipstick | 1 | |
| 6 | 236408 | Olive | 1 | |
| 7 | 532387 | Ring seal | 1 | Note(1) |
| 8 | ERR1291 | Ladder frame | 1 | Note(4) |
| **Ladder Frame to Block** | | | | |
| 9 | FB108251 | Bolt flange M8x125 | 2 | |
| 10 | FB108121L | Bolt flange M8x60 | 4 | |
| 11 | FS108301L | Bolt | 3 | |
| **Sump to Ladder Frame/Block** | | | | |
| 10 | FB108121L | Bolt flange M8x60 | 12 | |
| 12 | FS108251L | Screw flange M8x25 | 8 | |
| | STC611 | Sealant Hylomar 2000 | 1 | Note(4) |

Note(1) Part of gasket kit STC363
Note(2) Up to 11L38389A
Note(3) From 11L38390A
Note(4) Sealant to be used between LADDER FRAME and SUMP




**Model** DEFENDER 90
**Page** ADBMDC1A

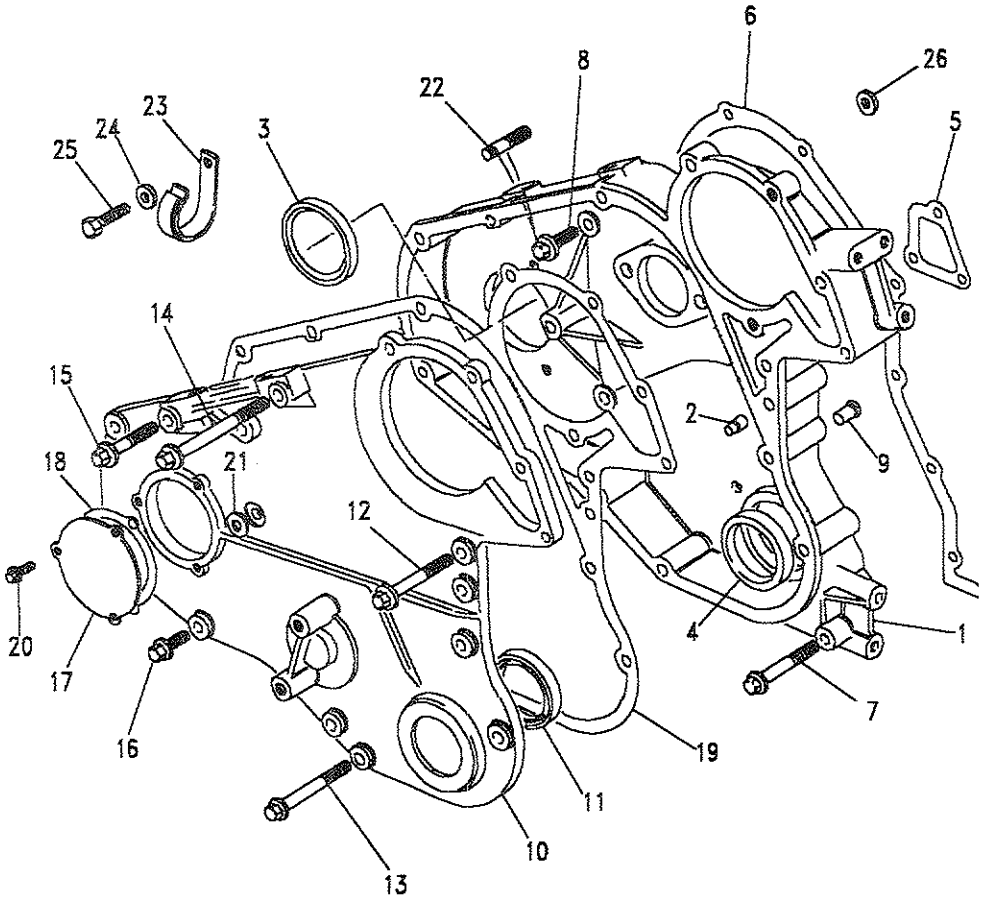
## ENGINE - MOUNTINGS - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5434 | Mounting foot-RH | 1 | |
| 2 | NRC9557 | Mounting foot-LH | 1 | |
| 3 | SH112251L | Screw-foot to block | 4 | |
| 4 | WL112001L | Washer-foot to block | 4 | |
| 5 | NRC9560 | Rubber mounting | 2 | Note(1) |
| | ANR1808 | Mounting rubber | 2 | Note(2) |
| 6 | NH110041L | Nut-rubber to foot | 4 | |
| 7 | WC110061L | Washer-rubber to foot | 2 | |
| 8 | WL110001L | Washer-rubber to foot | 4 | |

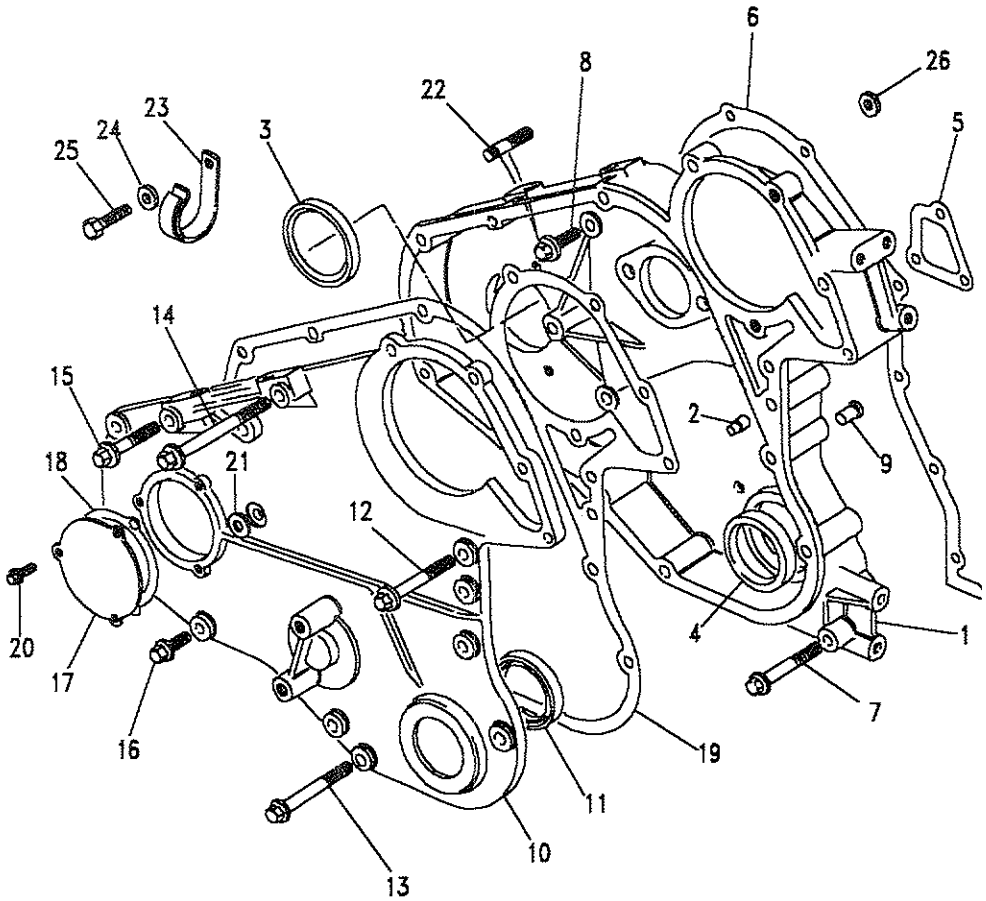
Note(1) Up to JA920702
Note(2) From JA920703

**Model** DEFENDER 90
**Page** ADBMEA1A

## ENGINE - FRONT COVER - 200 TDI




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1273 | Cover front | 1 | NON AIR CON |
| | ERR1274 | Cover front | 1 | AIR CON |
| 2 | 6395L | Dowel front cover | 4 | |
| 3 | ETC5064 | Seal oil camshaft | 1 | Note(1) |
| 4 | ETC5065 | Seal oil crankshaft | 1 | Note(1) |
| 5 | 538038 | Gasket front cover | 1 | Note(1) |
| | ERR1607 | Gasket water pump | 1 | Asbestos free |
| 6 | 538039 | Gasket front cover | 1 | Note(1) |
| 7 | FB108131L | Bolt cover to block | 1 | |
| 8 | FS108201L | Screw cover to block | 2 | |
| 9 | ERR2375 | Pin tensioner pivot | 1 | |
| 10 | ERR1253 | Plate front cover | 1 | NON AIR CON |
| | ERR1256 | Plate front cover | 1 | AIR CON |
| 11 | ETC4154 | Seal cover plate | 1 | Note(1) |
| 12 | FB108141L | Bolt flange M8x70 | 2 | |
| 13 | FB108151L | Bolt flange M8x75 | 4 | |
| 14 | FB108201L | Bolt flange M8x100 | 1 | |
| 15 | FB108101 | Bolt flange M8x50 | 1 | |
| 16 | FS108251L | Screw flange M8x25 | 3 | |
| 17 | ERR25 | Plate cover NON AIR CON | 1 | |
| | ETC8853 | Plate cover AIR CON | 1 | |

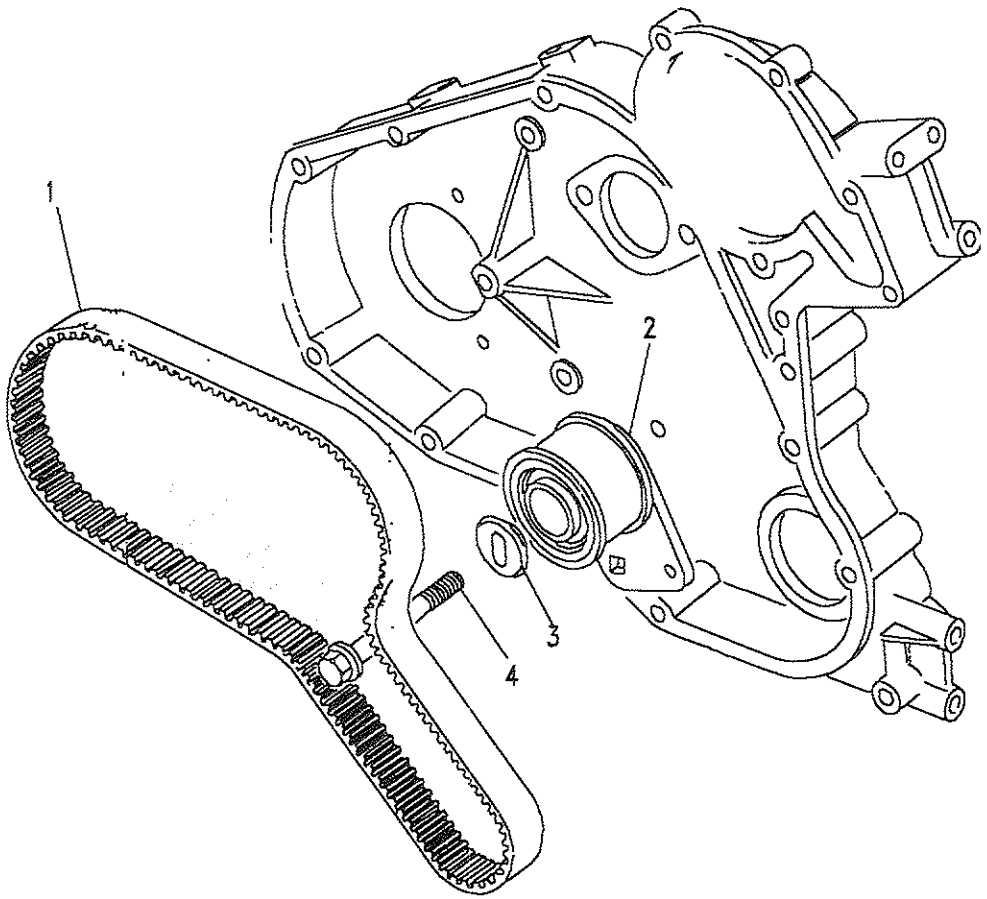



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**Page** ADBMEA1A

## ENGINE - FRONT COVER - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | ERR635 | Gasket cover plate | 1 | Note(1) |
| 19 | ERR1553 | Gasket cov/plate frt/cov | 1 | Note(1) |
| 20 | SE106101L | Screw M6x10 | 3 | |
| 21 | ETC4124 | Washer joint | 1 | |
| | ERR3604 | Gasket front cover | 1 | Asbestos free |
| 22 | TE108061L | Stud | 3 | |
| 23 | ETC4630 | Bracket mounting | 1 | |
| 24 | WA108051L | Washer | 1 | |
| 25 | SH108121L | Screw | 1 | |
| 26 | ERR394 | Gasket cover/block | 1 | Note(1) |

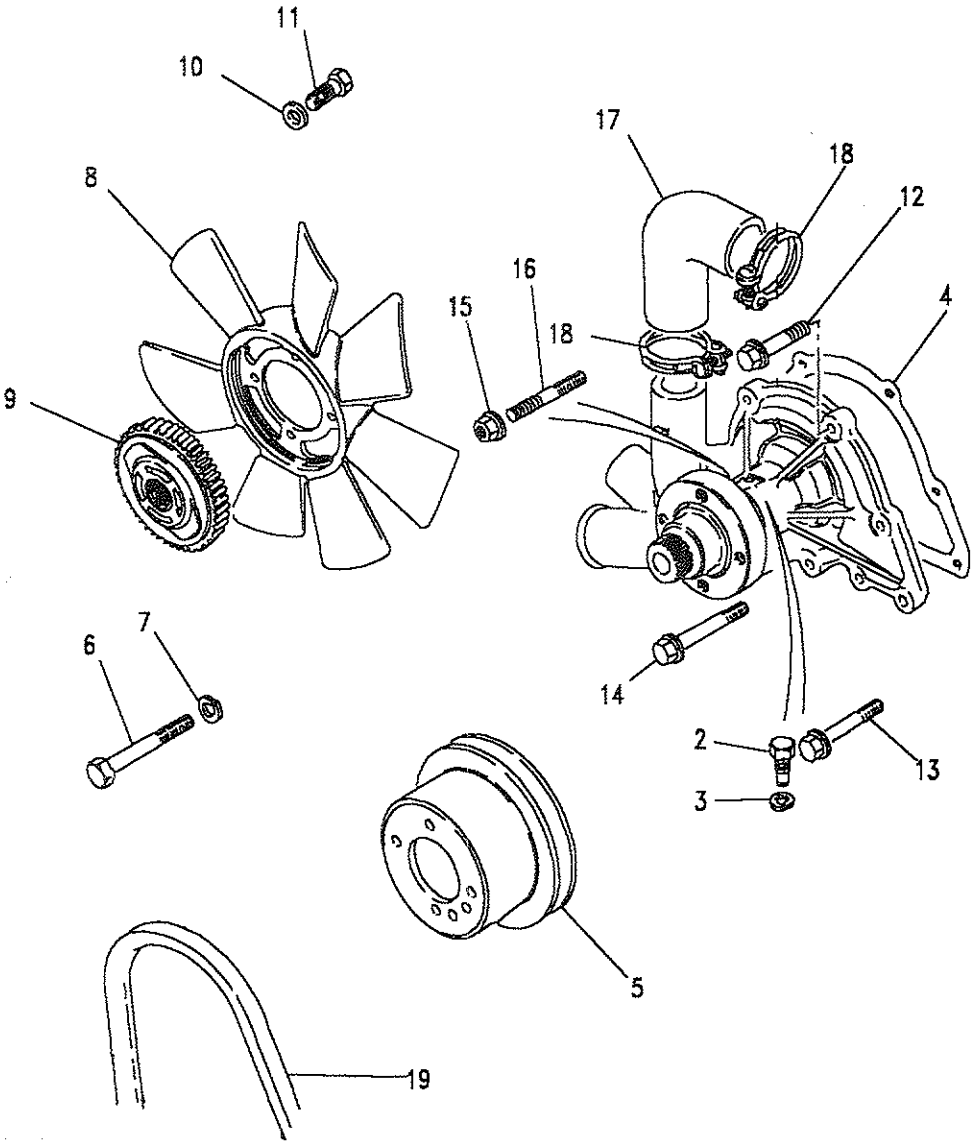
Note(1) Part of gasket kit STC363




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**Page** ADBMEC1A

**ENGINE - TIMING BELT - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC8550 | Belt timing | 1 | |
| 2 | ERR118 | Tensioner assembly | 1 | |
| 3 | ERR900 | Washer | 1 | |
| 4 | FB110141L | Bolt flange M10x70 | 1 | |

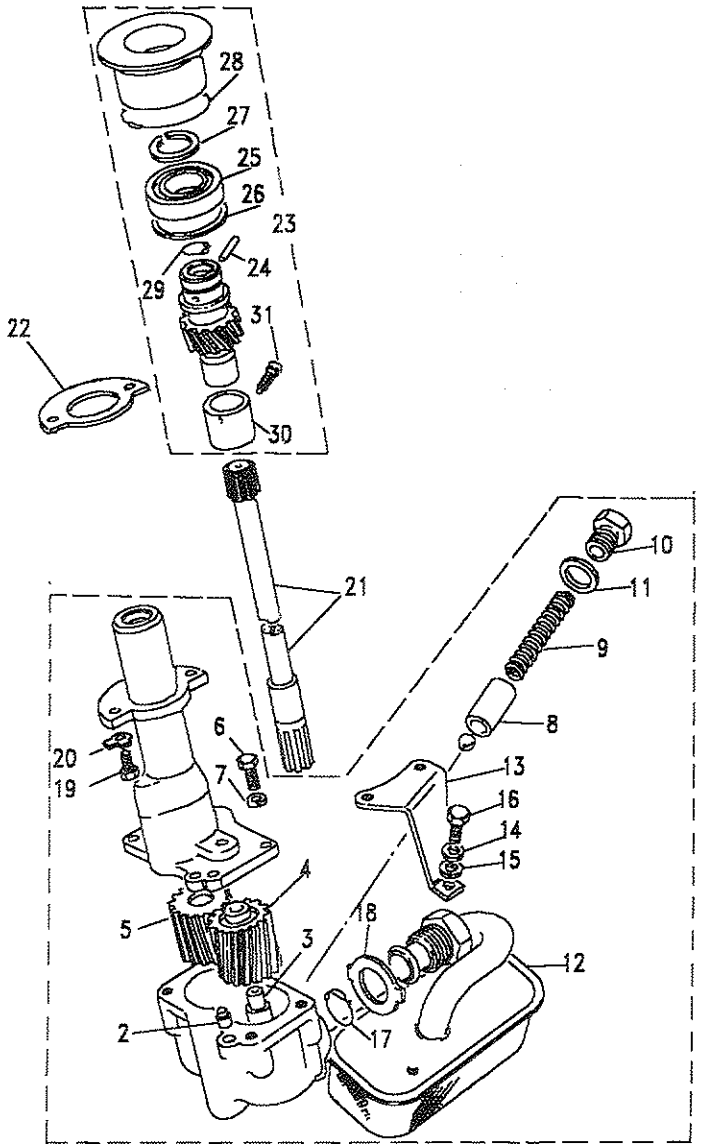



**Model** DEFENDER 90
**Page** ADBMEE1A

**ENGINE - WATER PUMP - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC639 | Pump water assembly | 1 | |
| 2 | ERC5600 | Bolt | 1 | |
| 3 | WL106001L | Washer spring | 1 | |
| 4 | ERC5655 | Gasket | 1 | Note(1) |
| 5 | ETC4785 | Pulley | 1 | |
| 6 | FS108161L | Screw | 4 | |
| 7 | WL108001L | Washer spring | 4 | |
| 8 | ETC7554 | Fan-7 blade | 1 | |
| | ERR3380 | Fan | 1 | Note(2) |
| 9 | ETC7238 | Viscous unit | 1 | |
| 10 | 4589L | Washer | 4 | |
| 11 | ERC5709 | Bolt | 4 | |
| 12 | FB108071L | Bolt flange M8x35 | 3 | |
| 13 | FB108151L | Bolt flange M8x75 | 1 | |
| 14 | FB108171L | Bolt flange M8x85 | 2 | |
| 15 | FN108041L | Nut flange M8 | 1 | |
| 16 | TD108181 | Stud M8x90 | 1 | |
| 17 | ERR1424 | Hose-by pass outlet | 1 | |
| 18 | CN100408L | Clip-hose | 2 | |
| 19 | ETC7939 | Belt fan | 1 | |

Note(1) Part of gasket kit STC363
Note(2) From DEC1992 use new fan with C/SHAFT pulley ERR3093.

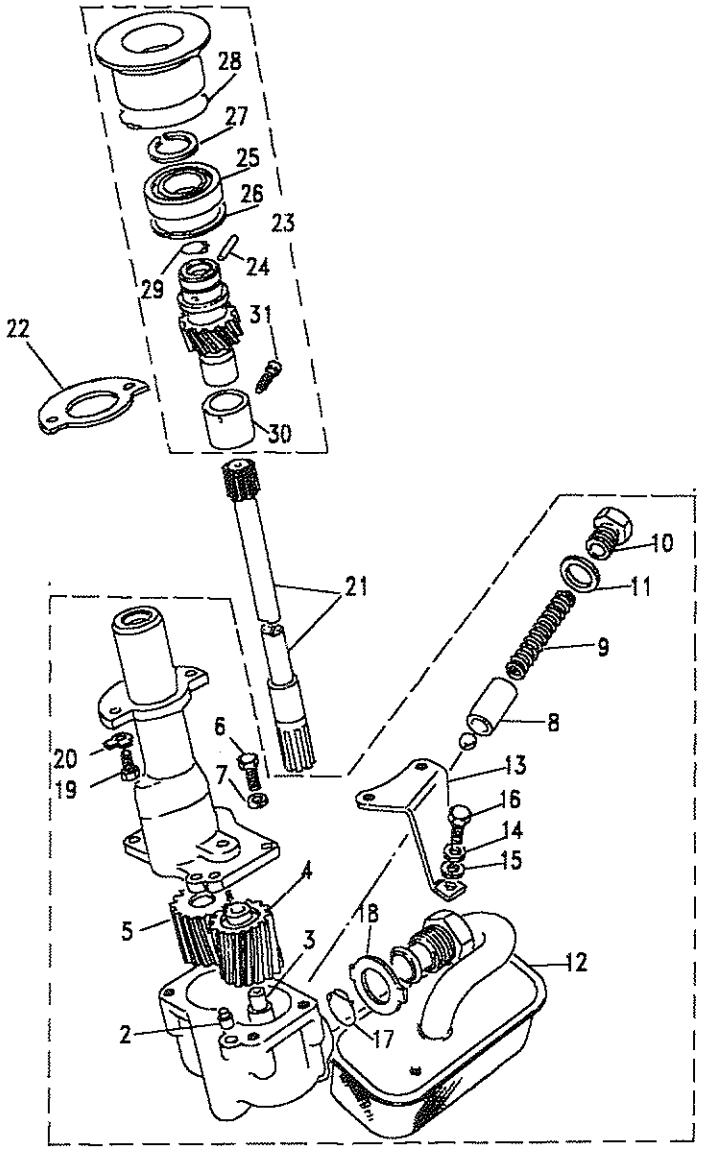



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**ENGINE - OIL PUMP - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1178 | Pump oil assembly | 1 | |
| 2 | 236257 | Dowel | 2 | |
| 3 | ERR1063 | Spindle-idler wheel | 1 | |
| 4 | ERR1088 | Wheel idler | 1 | |
| 5 | ERC9706 | Wheel drive | 1 | |
| 6 | FS108201L | Screw-cover to block | 4 | |
| 7 | WL108001L | Washer spring | 4 | |
| 8 | ETC4880 | Plunger-oil relief | 1 | |
| 9 | 564456 | Spring-oil relief | 1 | |
| 10 | 564455 | Plug-oil relief | 1 | |
| 11 | 232044 | Washer joint | 1 | Note(1) |
| 12 | ERR1521 | Filter | 1 | |
| 13 | ERR541 | Bracket support | 1 | |
| 14 | WA108051L | Washer | 1 | |
| 15 | WL108001L | Washer spring | 1 | |
| 16 | FS108201L | Screw | 1 | |
| 17 | 244488 | O ring | 1 | Note(1) |

Note(1) Part of gasket kit STC363

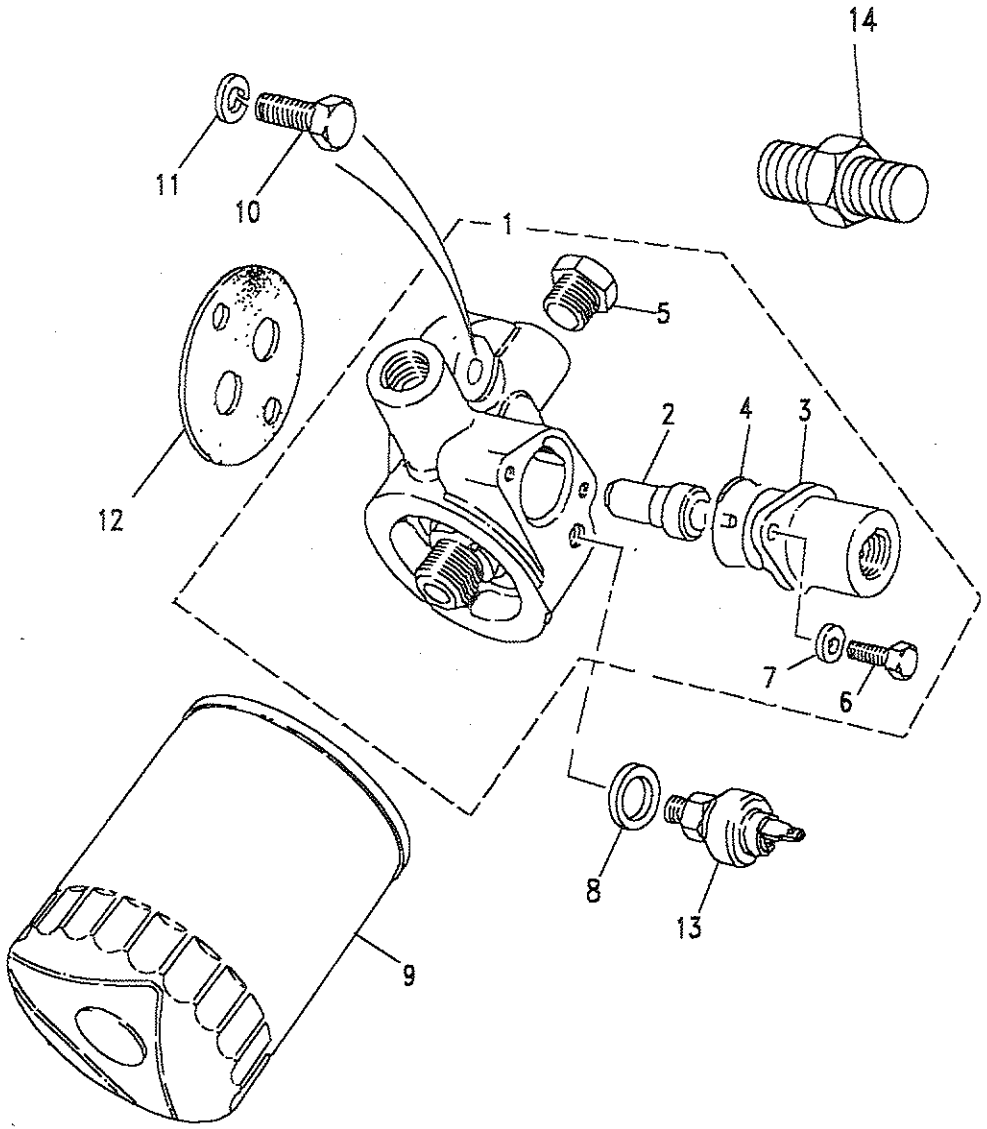



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## ENGINE - OIL PUMP - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | 244487 | Washer locking | 1 | |
| 19 | FS108251L | Screw | 2 | |
| 20 | 247665 | Washer locking | 2 | |
| 21 | ERR850 | Drive shaft | 1 | |
| 22 | ERR3606 | Gasket | 1 | Note(1) |
| 23 | ERR928 | Drive shaft assembly | 1 | |
| 24 | ERR309 | Pin dowel | 1 | |
| 25 | ERR528 | Deep Groove Bearing | 1 | |
| 26 | CR120305 | Snap Ring-External | 1 | |
| 27 | ERR530 | Snap Ring-Internal | 1 | |
| 28 | ERR531 | O ring bearing housing | 1 | Note(1) |
| 29 | ERR532 | O ring | 1 | Note(1) |
| 30 | ERR500 | Bush bottom V/D/S/ gear | 1 | |
| 31 | ERR848 | Screw locking | 1 | |

Note(1) Part of gasket kit STC363

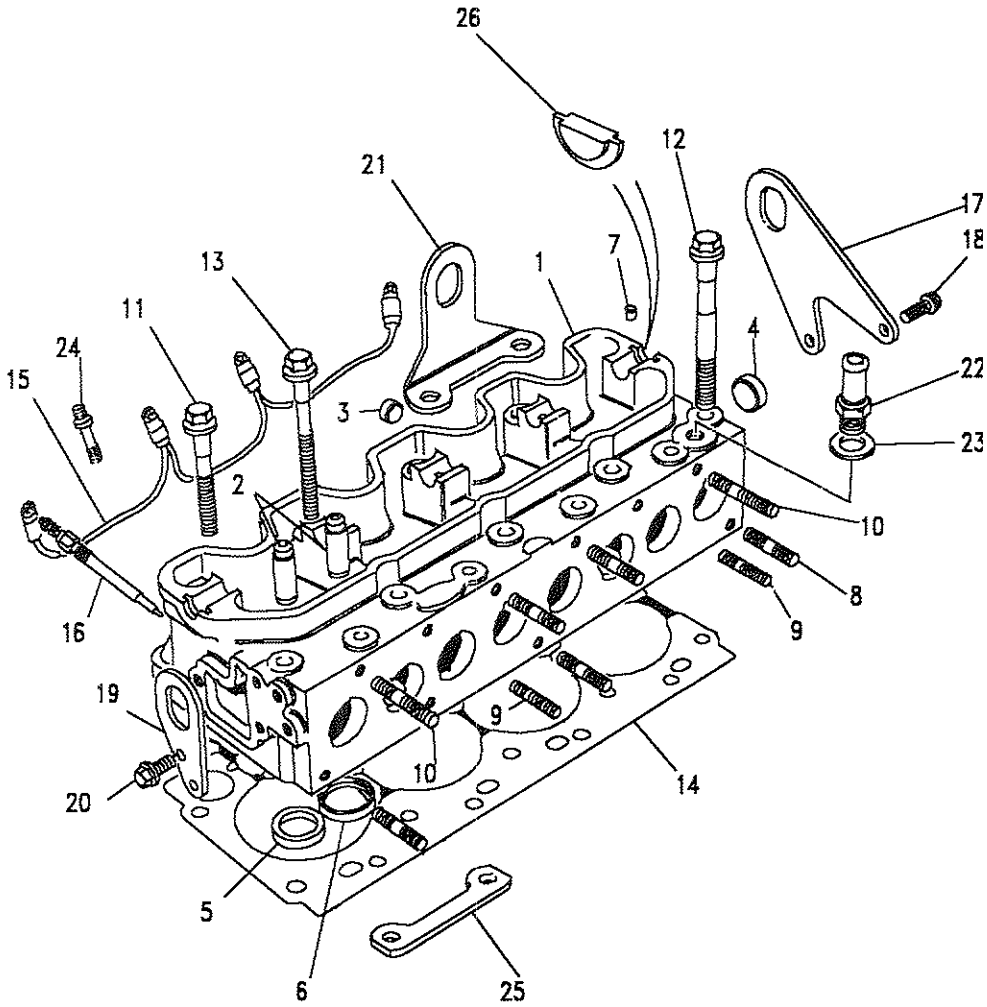



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**ENGINE - OIL FILTER - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1299 | Filter oil assembly | 1 | Upto 11L25129A |
| | ERR3459 | Filter oil assembly | 1 | )From |
| | ERR2623 | Adaptor and insert | 1 | )11L25130A |
| 2 | ERC5923 | Bulb thermostat | 1 | |
| 3 | ETC4022 | Adaptor | 1 | |
| 4 | ERC5913 | O ring | 1 | Note(1) |
| 5 | ETC4021 | Plug | 1 | Upto 11L25129A |
| | ERR3458 | Plug | 1 | From 11L25130A |
| 6 | SH106141L | Screw | 2 | |
| 7 | WA106041L | Washer | 2 | |
| 8 | ETC7398 | Washer copper | 2 | Note(1) |
| 9 | ERR3340 | Element oil filter | 1 | |
| 10 | FS110301L | Screw | 2 | |
| 11 | WL110001L | Washer spring | 2 | |
| 12 | ERR3607 | Gasket-oil filter | 1 | Note(1) |
| 13 | PRC6387 | Switch-oil pressure | 1 | |
| 14 | NRC8618 | Coupling | 2 | |

Note(1) Part of gasket kit STC363

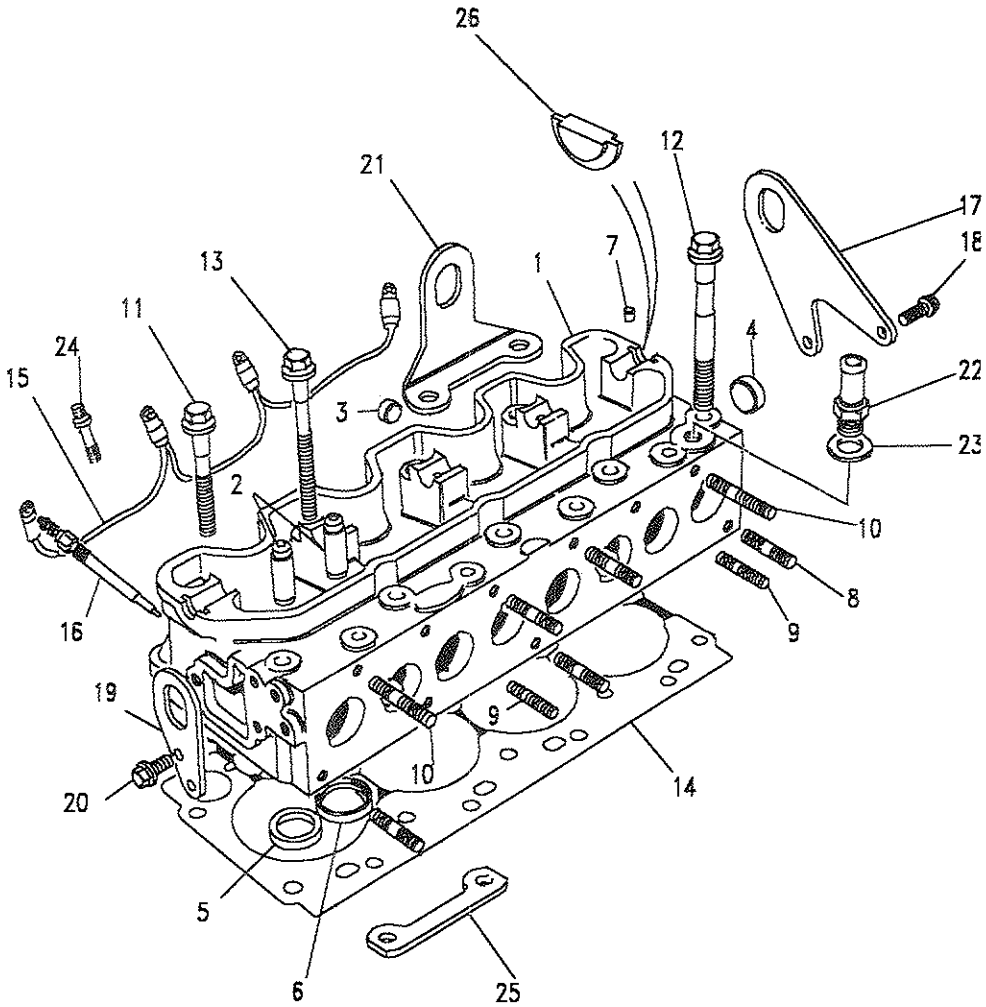



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## ENGINE - CYLINDER HEAD - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6896 | Cylinder head assembly | 1 | |
| 2 | ETC8003 | Guide valve | 8 | |
| 3 | 525497 | Plug cup | 1 | |
| 4 | 524765 | Plug cup | 1 | |
| 5 | ETC8002 | Insert valve seat | 4 | |
| 6 | ETC8001 | Insert valve seat | 4 | |
| 7 | ETC8194 | Dowel ring cyl/head | 1 | |
| 8 | TE110051L | Stud M10x25 long | 5 | |
| 9 | TE108051L | Stud M8x25 long | 2 | |
| 10 | TE110071L | Stud M10x35 long | 2 | |
| 11 | ETC8808 | Bolt Short cyl/head | 4 | |
| 12 | ETC8809 | Bolt Long cyl/head | 10 | |
| 13 | ETC8810 | Bolt M10 cyl/head | 4 | |
| 14 | ERR5261 | Gasket cyl head 1.3mm | 1 | Note(1) |
| | ERR5262 | Gasket cyl head 1.4mm | 1 | Note(1) |
| | ERR5263 | Gasket cyl head 1.5mm | 1 | Note(1) |
| 15 | PRC6947 | Cable assy glow plugs | 1 | Upto 11L33656A |
| | AMR2425 | Cable assy glow plugs | 1 | From 11L33657A |
| 16 | ETC8847 | Glow plug | 4 | |
| 17 | ETC8036 | Bracket lifting rear | 1 | |
| 18 | FS108251L | Screw flange M8x25 | 2 | |

Note(1) Part of gasket kit STC362

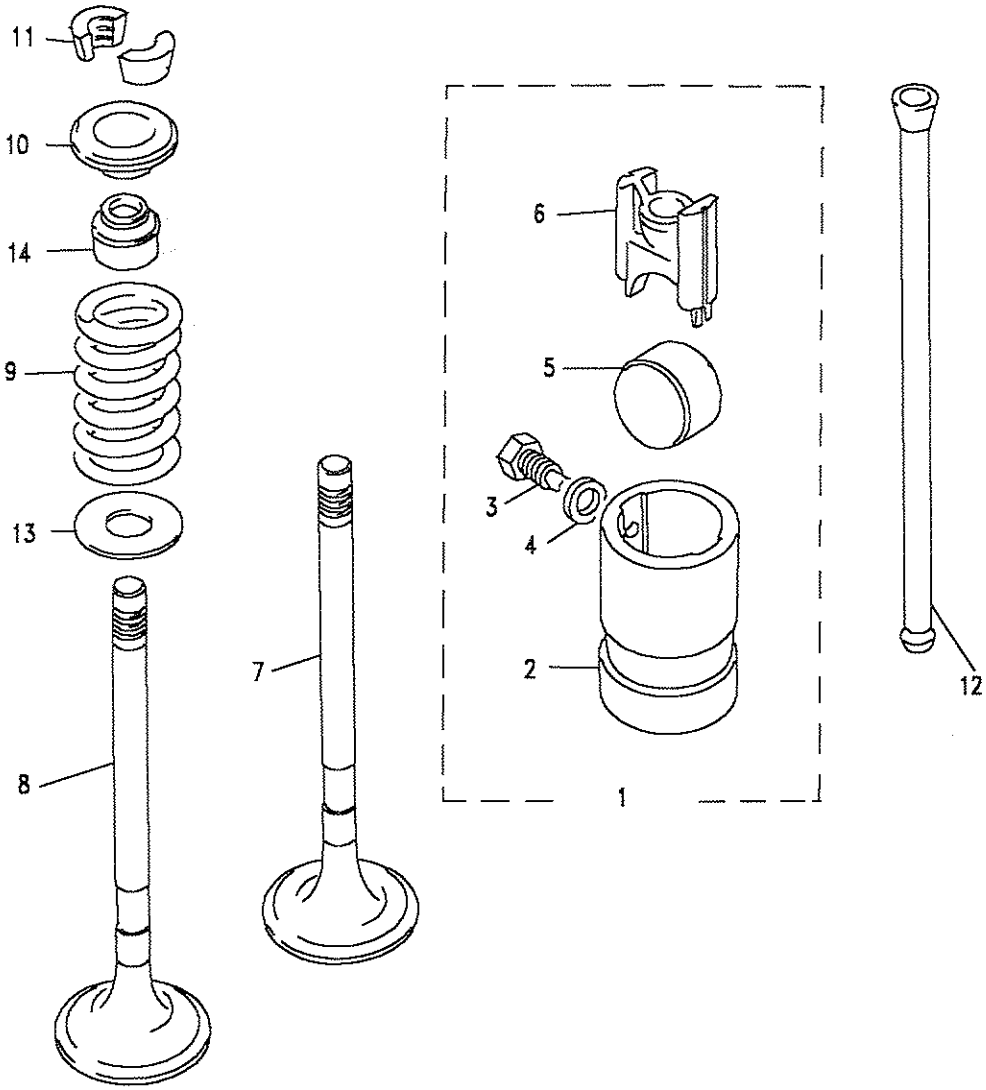



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**ENGINE - CYLINDER HEAD - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | ETC8031 | Bracket lifting front | 1 | |
| 20 | FS108251L | Screw flange M8x25 | 2 | |
| 21 | ERR978 | Bracket engine lifting | 1 | |
| 22 | 624091 | Adaptor | 1 | |
| 23 | 243959 | Washer joint | 1 | |
| 24 | ERR1019 | Stud injector clamp | 1 | |
| 25 | ERR1536 | Spacer bracket | 1 | |
| 26 | ERR765 | Plug rubber | 2 | Note(1) |

Note(1) Part of gasket kit STC363

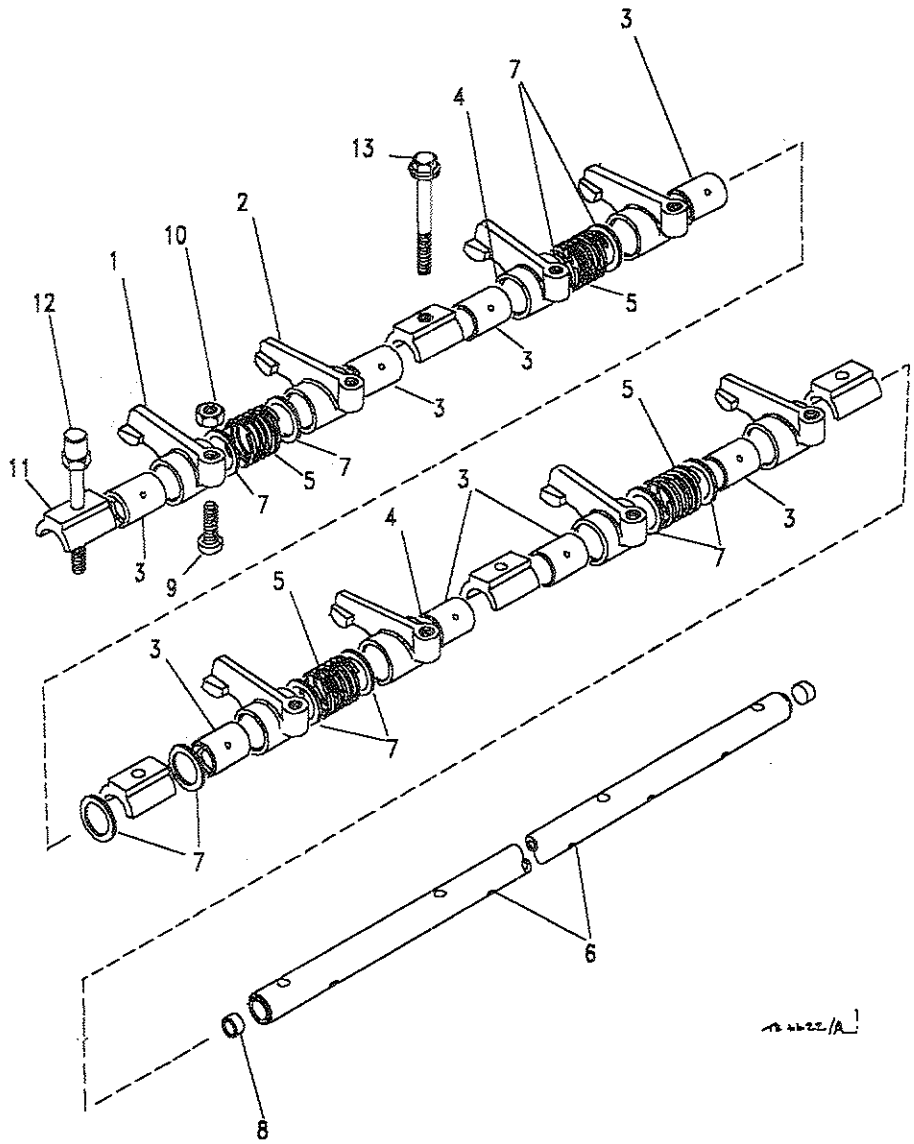



**Model** DEFENDER 90
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## ENGINE - VALVES AND TAPPETS - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6564 | Tappet assembly | 8 | |
| 2 | 502473 | Guide tappet | 8 | |
| 3 | ETC4246 | Set bolt | 8 | |
| 4 | 273069 | Washer | 8 | |
| 5 | ERR561 | Follower roller | 8 | |
| 6 | ERR607 | Tappet slide | 8 | |
| 7 | ERR1157 | Valve inlet | 4 | |
| 8 | ERR1156 | Valve exhaust | 4 | |
| 9 | ERR314 | Spring valve | 8 | Note(2) |
| | ERR4640 | Valve spring | 8 | Note(3) |
| 10 | ETC4068 | Cup valve spring | 8 | |
| 11 | ETC4069 | Split cotter | 16 | |
| 12 | 546799 | Push rod | 8 | |
| 13 | ETC8193 | Valve spring seat | 8 | |
| 14 | ETC8663 | Seal valve stem | 8 | Note(1) |
| | ERR4175 | Cap valve stem protection | 8 | |

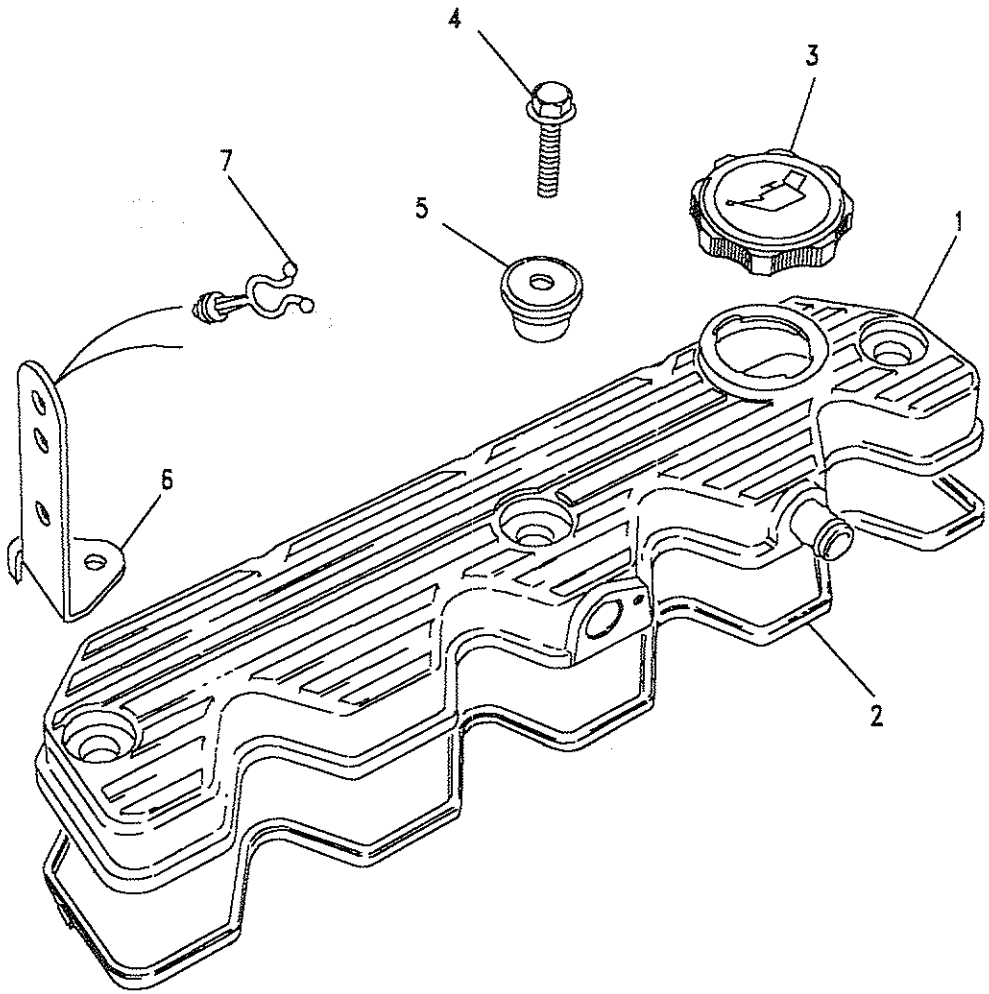
Note(1) Part of gasket kit STC362
Note(2) Up to 11L37880A
Note(3) From 11L37881A




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**Page** ADBMGC2A

**ENGINE - ROCKER SHAFT - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1202 | Rocker arm assy RH | 4 | |
| 2 | ERR1201 | Rocker arm assy LH | 4 | |
| 3 | ERR1203 | Bush rockers | 1 | |
| 4 | ERR1209 | Washer rocker shaft | 6 | |
| 5 | ETC8095 | Spring | 1 | |
| 6 | ERR4682 | Shaft valve rockers | 1 | |
| 7 | ERR1210 | Spacer rocker shaft | 10 | |
| 8 | ETC8103 | Plug shaft | 2 | |
| 9 | ERR559 | Screw tappet adjuster | 8 | |
| 10 | ERR560 | Nut locker | 8 | |
| 11 | ERR1107 | Clamp rocker shaft | 5 | |
| 12 | ETC7530 | Bolt rocker shaft | 3 | |
| 13 | FB108101 | Bolt flange | 2 | |

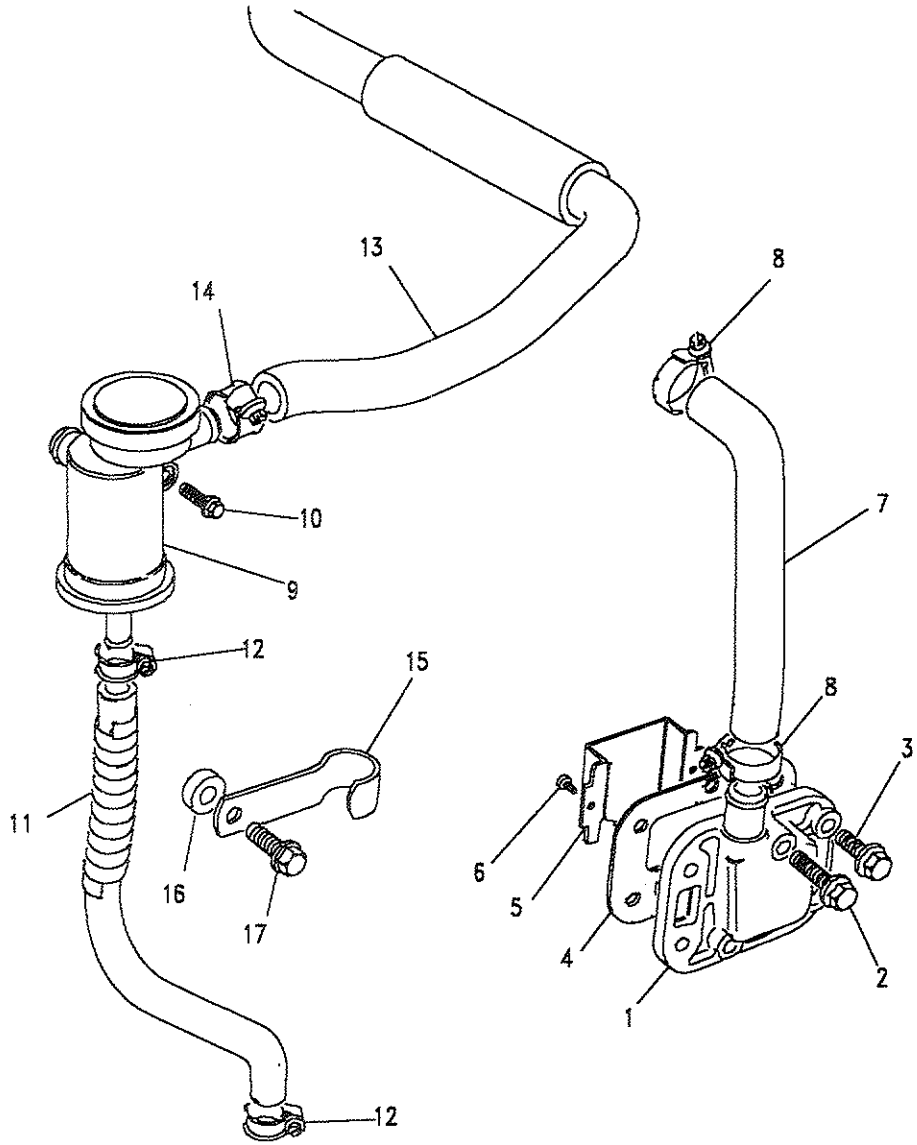



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**Page** ADBMGG1A

## ENGINE - ROCKER COVER - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1530 | Rocker cover assembly | 1 | UptoAPRIL1992 |
| | ERR3368 | Rocker cover assembly | 1 | FromAPRIL1992 |
| 2 | ERR2393 | Gasket-rocker cover | 1 | |
| 3 | ERR455 | Cap oil filler | 1 | UptoAPRIL1992 |
| | ERR2529 | Cap oil filler | 1 | FromAPRIL1992 |
| 4 | FS106255L | Screw flange M6x25 | 3 | |
| 5 | ERR663 | Washer sealing | 3 | Note(1) |
| 6 | ERR1621 | Bracket mounting | 1 | |
| 7 | NRC8332 | Clip cable | 1 | |

Note(1) Part of gasket kit STC362

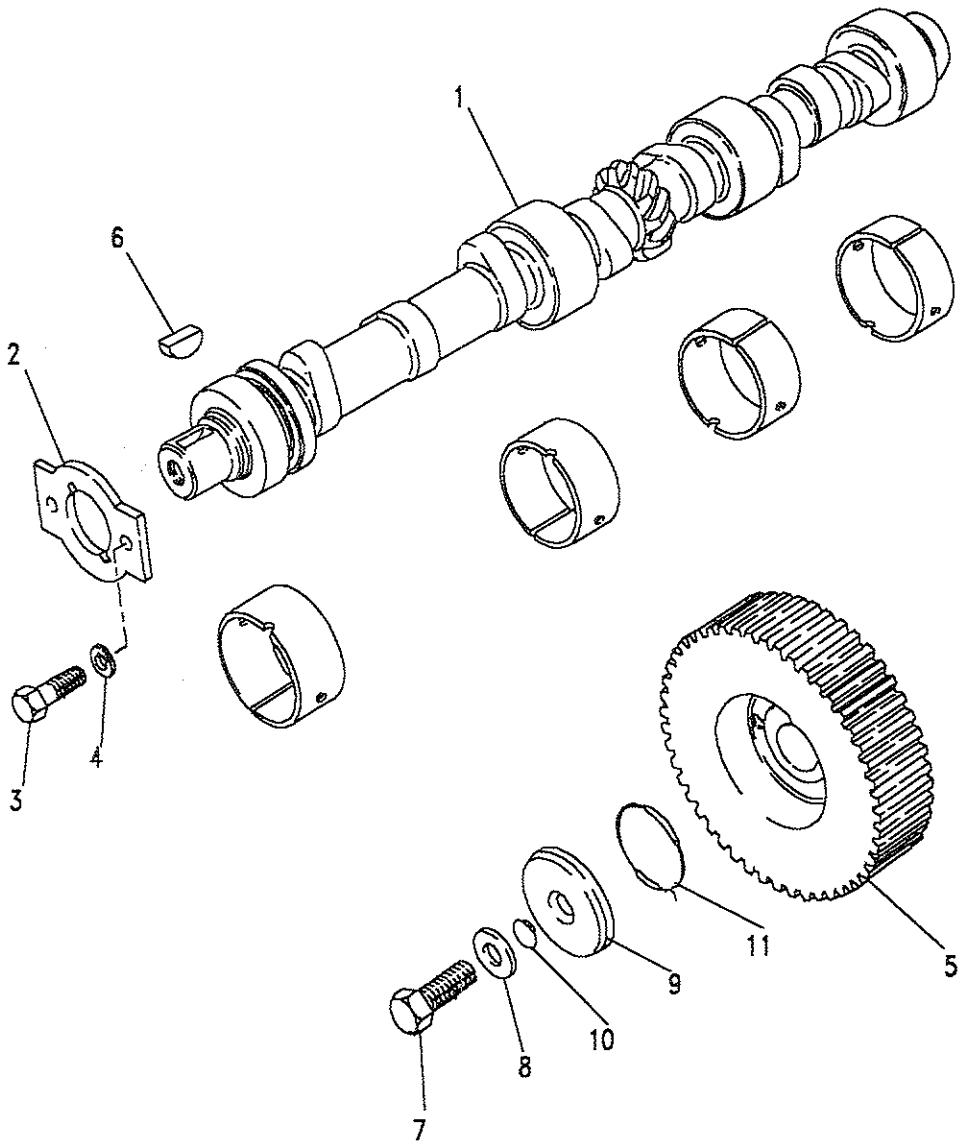



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**ENGINE - CYCLONE BREATHER ASSEMBLY - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR506 | Cover side breather assy | 1 | UptoAPRIL1992 |
| | 541010 | Cover side breather assy | 1 | FromAPRIL1992 |
| 2 | FB108081L | Bolt flanged | 1 | |
| 3 | FS108251L | Screw flange M8x25 | 5 | |
| 4 | ERR3605 | Gasket-side cover | 1 | |
| 5 | ERR874 | Baffle plate-side cover | 1 | Note(1) |
| 6 | 79026 | Screw No6 | 1 | Note(1) |
| 7 | ERR877 | Hose-side to rock/cover | 1 | Note(1) |
| 8 | CN100258L | Clip-worm-hose | 2 | Note(1) |
| 9 | ERR1471 | Breather cyclone | 1 | |
| 10 | FB106121L | Screw flange M6x60 | 2 | |
| 11 | ERR1605 | Hose-cyclone oil drain | 1 | |
| 12 | CN100208L | Clip-worm-hose | 2 | |
| 13 | ERR1729 | Hose-cyclone to air/clean | 1 | |
| 14 | CN100258L | Clip-worm-hose | 2 | |
| 15 | ERR878 | Clip-oil drain hose | 1 | |
| 16 | ERR879 | Spacer-clip-oil drain | 1 | |
| 17 | SH110201L | Screw flange M10x20 | 1 | |

Note(1) Not used on ERR3368 rocker cover without breather side plate

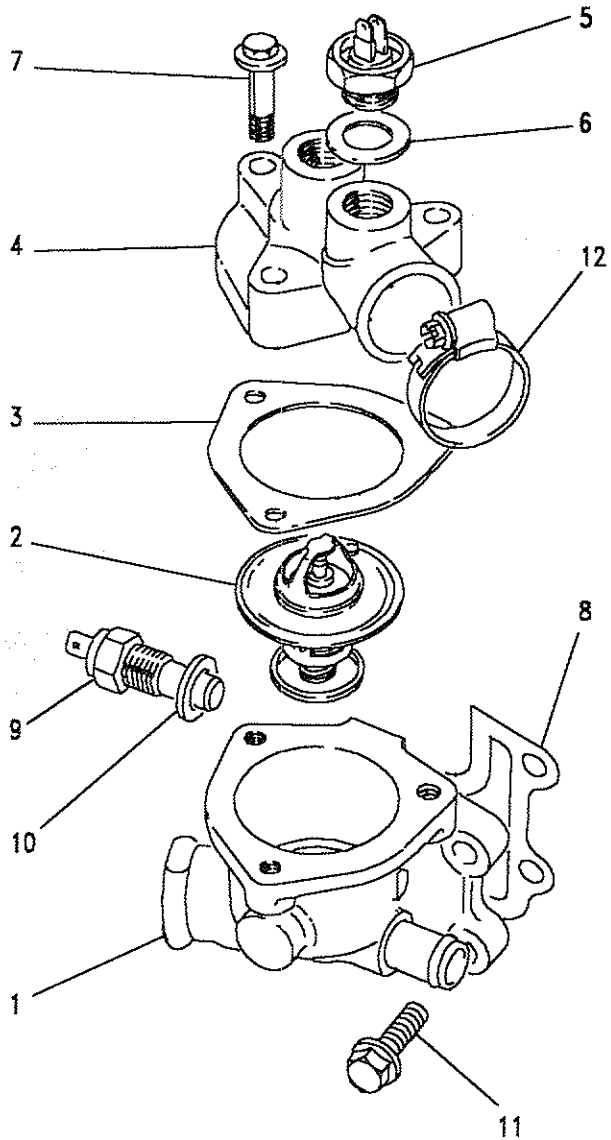



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**Page** ADBMGI1A

## ENGINE - CAMSHAFT - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7128 | Camshaft | 1 | |
| 2 | ERC1561 | Thrust Plate-Camshaft | 1 | |
| 3 | FS106167L | Screw | 2 | |
| 4 | WL106001L | Spring Washer-Plate to Bl | 2 | |
| 5 | ERR666 | Pulley | 1 | |
| 6 | 230313 | Woodruff Key-Chainwheel/S | 1 | |
| 7 | BX110071L | Bolt | 1 | |
| 8 | ETC4670 | Washer | 1 | |
| 9 | ERC8847 | Plate-Retaining | 1 | |
| 10 | ERC8849 | O Ring | 1 | Note(1) |
| 11 | ETC4076 | O Ring | 1 | Note(1) |

Note(1) Part of gasket kit STC363

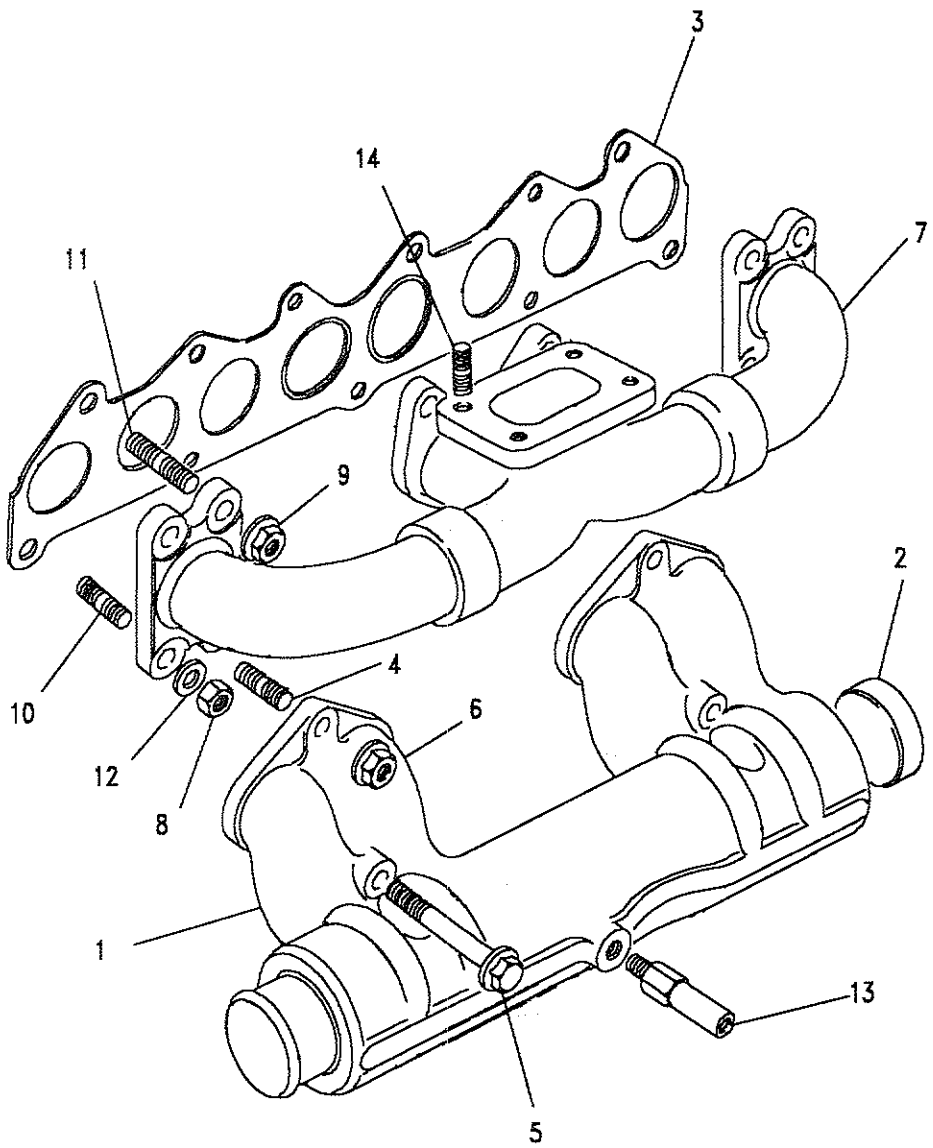



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**Page** ADBMGK1A

**ENGINE - THERMOSTAT HOUSING - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1499 | Thermostat housing | 1 | |
| 2 | ERR2803 | Thermostat 88o | 1 | |
| 3 | ERR3682 | Gasket-outlet-ther/house | 1 | |
| 4 | ETC5967 | Connection-water outlet | 1 | NON AIR CON |
| | ETC5958 | Connection-water outlet | 1 | AIR CON |
| | BTR6141 | Hose-by pass-no heater | 1 | |
| 5 | PRC3359 | Switch-temperature sensor | 1 | |
| 6 | ERR696 | Washer copper M14 | 1 | Note(1) |
| 7 | FB106081L | Bolt flange M6x40 | 3 | |
| 8 | ETC8007 | Gasket-thermostat housing | 1 | Note(1) |
| 9 | PRC8593 | Transmitter thermal | 1 | |
| 10 | 90568054 | Washer sealing | 1 | |
| 11 | FS108251L | Bolt flange-M8x25 | 3 | |
| 12 | CJ600304L | Clip top hose | 1 | |

Note(1) Part of gasket kit STC362

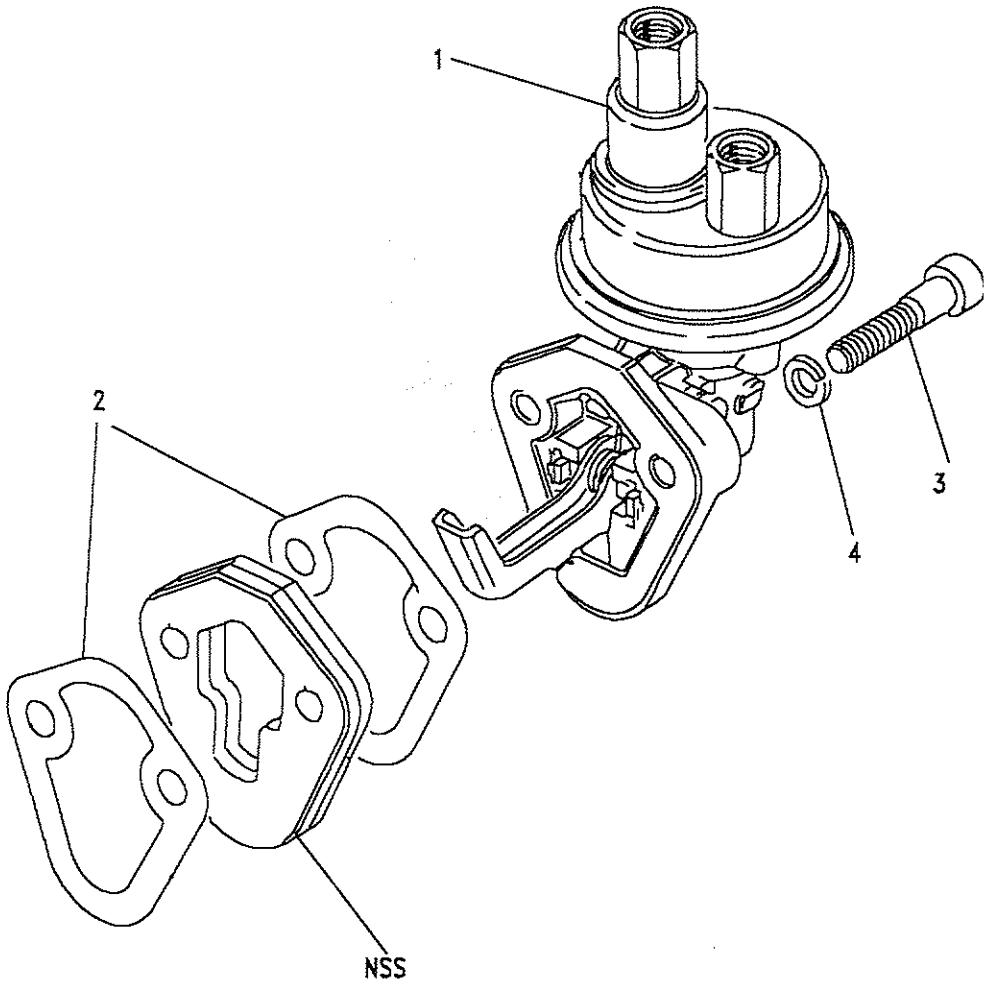



**Model** DEFENDER 90
**Page** ADBMHA1A

## ENGINE - MANIFOLDS - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1435 | Manifold inlet | 1 | |
| 2 | 525428 | Plug cup | 1 | |
| 3 | ERR1208 | Gasket-manifold/head | 1 | Note(1) |
| 4 | TE108051L | Stud M8x25 | 2 | |
| 5 | FB108161L | Bolt flange M8x80 | 2 | |
| 6 | FN108041L | Nut flange M8 | 2 | |
| 7 | ERR678 | Manifold exhaust | 1 | |
| 8 | ERR597 | Nut self/lock M10 | 2 | |
| 9 | NT110041L | Nut M10 | 2 | |
| 10 | TE110051L | Stud M10x25 | 5 | |
| 11 | TE110071L | Stud M10x35 | 2 | |
| 12 | WA110061L | Washer plain M10 | 7 | |
| 13 | ETC7395 | Bolt-support heatshield | 1 | |
| 14 | ERR551 | Stud M8x20 | 4 | |

Note(1) Part of gasket kit STC362

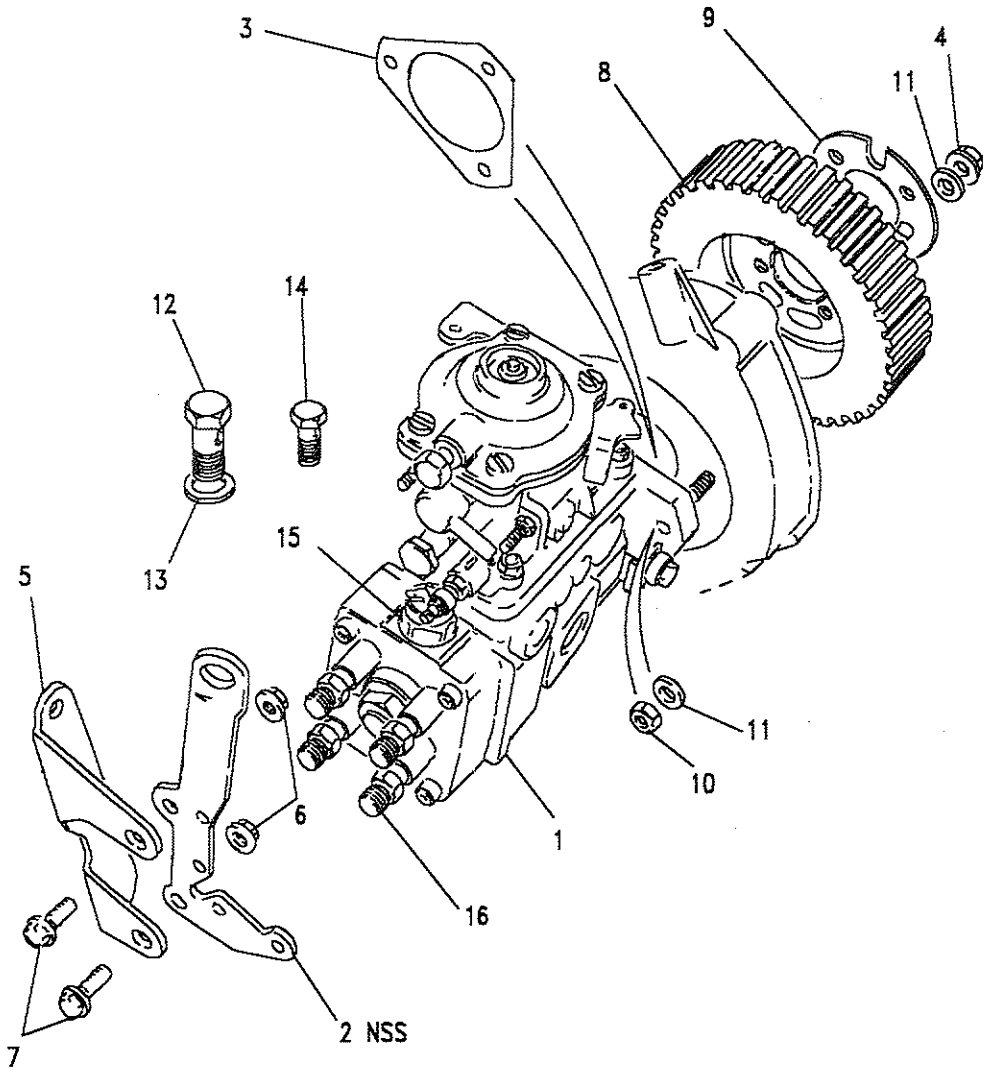



**Model** DEFENDER 90
**Page** ADBMKA1A

**ENGINE - FUEL PUMP - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7869 | Pump fuel | 1 | |
| 2 | ETC7970 | Gasket-fuel Pump | 2 | Note(1) |
| | ERR2028 | Gasket-fuel Pump | 2 | From Jan 94 |
| 3 | SS108301L | Screw socket | 2 | |
| 4 | WA108051L | Washer | 2 | |

Note(1) Part of gasket kit STC363

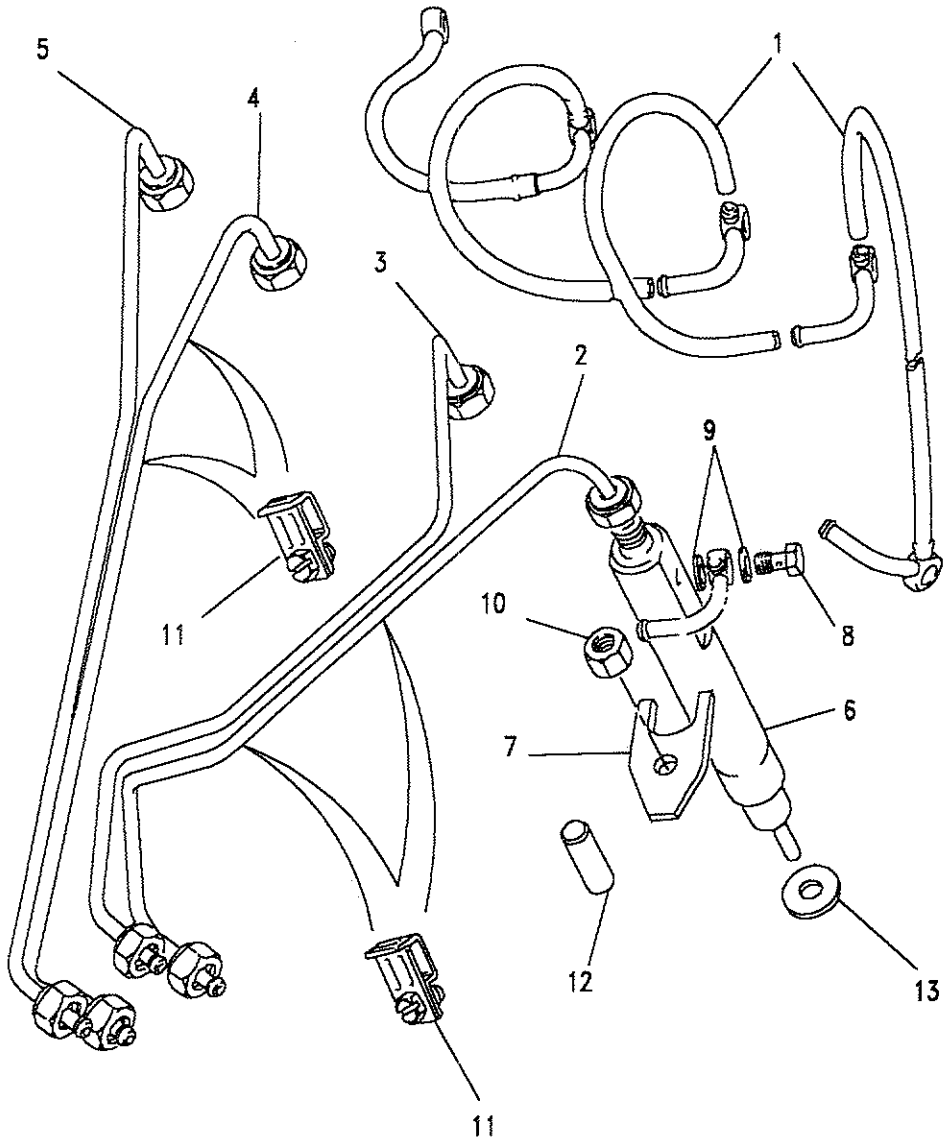



**Model** DEFENDER 90
**Page** ADBMKC1A

## ENGINE - INJECTION PUMP - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1333 | Pump fuel injection | 1 | |
| 2 | | Bracket-F.I.E. abutment | 1 | Note(1) |
| 3 | ERR631 | Gasket-fuel pump | 1 | Note(2) |
| 4 | FN108041L | Nut flange M8 | 3 | |
| 5 | ERR1662 | Bracket-F.I.E. | 1 | |
| 6 | FN108041L | Nut flange M8 | 2 | |
| 7 | FS108207L | Screw flange M8x20 | 2 | |
| 8 | ERR667 | Pulley | 1 | |
| 9 | ERR359 | Plate retaining-pulley | 1 | |
| 10 | FN108041L | Nut | 3 | |
| 11 | WA108051L | Washer plain | 6 | |
| 12 | ERR886 | Bolt banjo | 1 | |
| 13 | ERR894 | Washer copper | 2 | Note(2) |
| 14 | ERR1125 | Bolt banjo-fuel inlet | 1 | |
| 15 | RTC6702 | Switch fuel cut off | 1 | |
| 16 | STC262 | Adaptors-F.I.E.pump | 4 | |

Note(1) Not stocked separately-part of pump assembly
Note(2) Part of gasket kit STC363

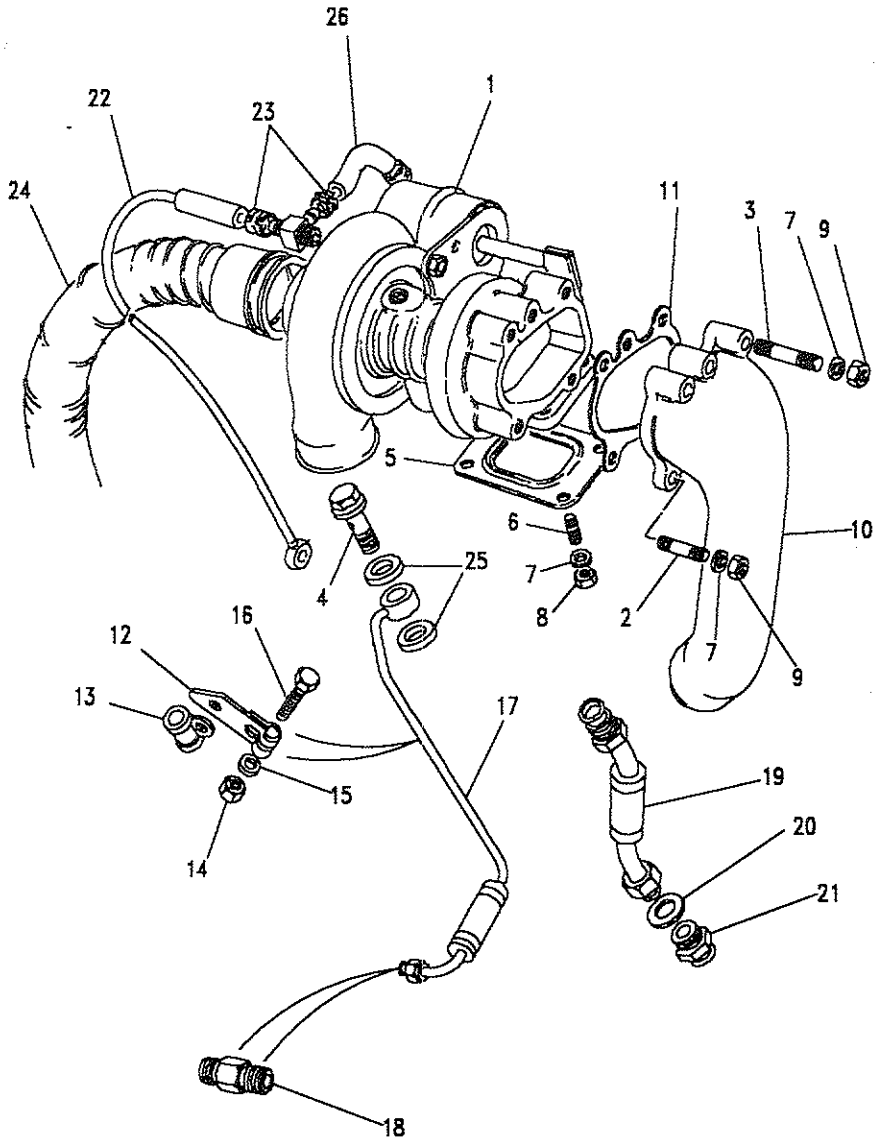



**Model** DEFENDER 90
**Page** ADBMKE1A

## ENGINE - INJECTORS AND PIPES - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR3652 | Spill return assembly | 1 | |
| 2 | STC793 | Pipe injectors No.1 | 1 | |
| 3 | STC794 | Pipe injectors No.2 | 1 | |
| 4 | STC795 | Pipe injectors No.3 | 1 | |
| 5 | STC796 | Pipe injectors No.4 | 1 | |
| 6 | ETC8412 | Injectors | 4 | |
| 7 | ERR1509 | Clamp injectors | 4 | |
| 8 | ERR1200 | Bolt banjo 6mm | 4 | |
| 9 | ERR1304 | Washer copper | 8 | Note(3) |
| 10 | FN108041L | Nut | 1 | |
| 11 | AEU2129L | Clip 2 pipes | 4 | |
| 12 | ETC8470 | Dowel injector clamp | 4 | |
| 13 | ETC8042 | Washer sealing injector | 1 | Note(1) |
| | ERR4621 | Washer sealing | 1 | Note(2) |

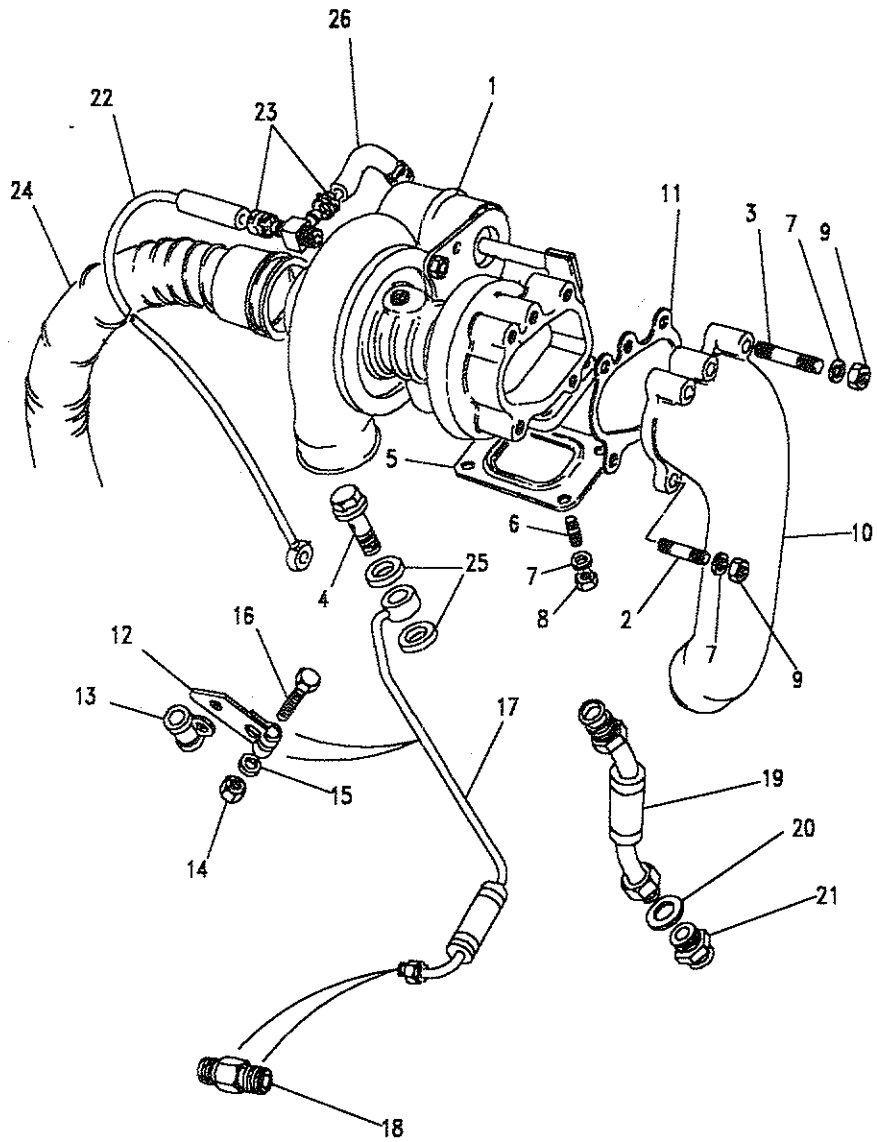
Note(1) Up to 11L38460A
Note(2) From 11L38461A
Note(3) Part of gasket kit STC362




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**Page** ADBMLA1A

## ENGINE - TURBO CHARGER - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC8751 | Turbo charger | 1 | |
| | ETC8751E | Turbo charger-exchange | 1 | |
| | STC960 | Actuator | 1 | |
| 2 | RTC6094 | Stud M8x32 | 1 | |
| 3 | RTC6093 | Stud M8x48 | 4 | |
| 4 | ERR1125 | Bolt-banjo-oil feed | 1 | |
| 5 | ETC5710 | Gasket-turbo to Exh/man | 1 | Note(1) |
| 6 | ERR551 | Stud | 4 | |
| 7 | WA108051L | Washer M8 | 9 | |
| 8 | ETC7184 | Nut | 4 | |
| 9 | NH108065L | Nut M8 | 5 | |
| 10 | ETC7058 | Elbow-exhaust outlet | 1 | |
| 11 | ETC5898 | Gasket-turbo to elbow out | 1 | Note(1) |
| 12 | ETC7351 | Bracket-oil feed | 1 | |
| 13 | ETC8843 | Clip cable | 1 | |
| 14 | NH105041L | Nut | 1 | |

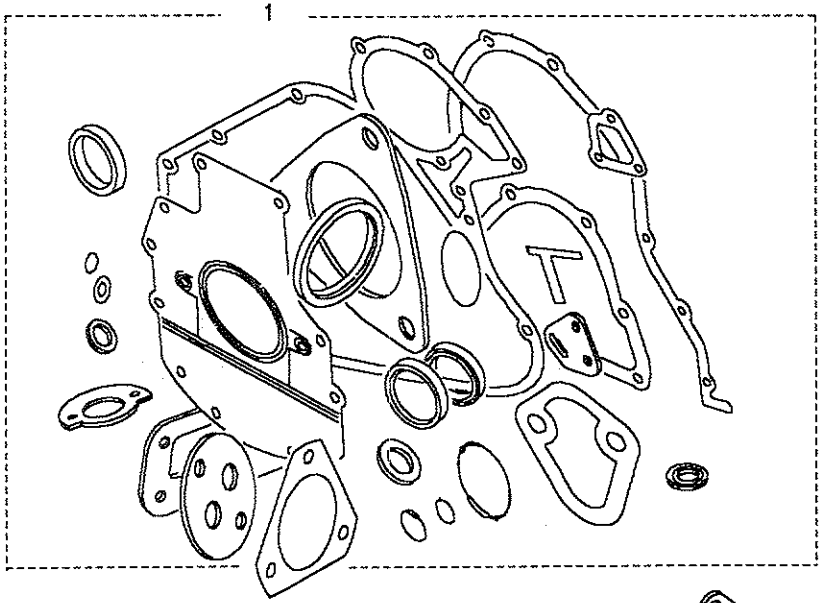


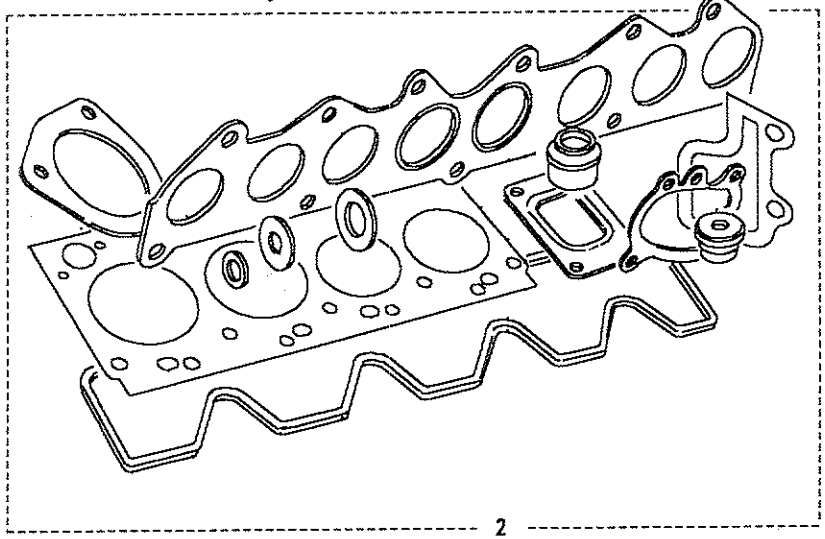

**Model** DEFENDER 90
**Page** ADBMLA1A

## ENGINE - TURBO CHARGER - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 15 | WA105001L | Washer | 1 | |
| 16 | SH105251L | Screw | 1 | |
| 17 | ERR333 | Pipe oil feed | 1 | UptoJAN1993 |
| | ERR3495 | Pipe oil inlet | 1 | FromJAN1993 |
| 18 | ETC8820 | Adaptor oil feed | 1 | |
| 19 | ERR334 | Pipe oil drain | 1 | UptoJAN1993 |
| | ERR3494 | Pipe oil drain | 1 | FromJAN1993 |
| 20 | ERR896 | Washer-adaptor-oil drain | 1 | Note(1) |
| 21 | ERR335 | Adaptor oil drain | 1 | |
| 22 | ERR1458 | Pipe-turbo to inj/pump | 1 | |
| 23 | UKC3803L | Clamp-hose | 2 | |
| 24 | ESR415 | Hose-turbo to cleaner | 1 | |
| 25 | FRC4808 | Washer-sealing | 2 | |
| 26 | RTC5099 | Hose-turbo-actuator | 1 | ) |
| | STC1896 | Hose-turbo-actuator | 1 | )Note(2) |

Note(1) Part of gasket kit STC362
Note(2) Alternatives, RTC5099 is a 90 degree formed hose 60mm long and STC1896 is a loose hose 233mm long.

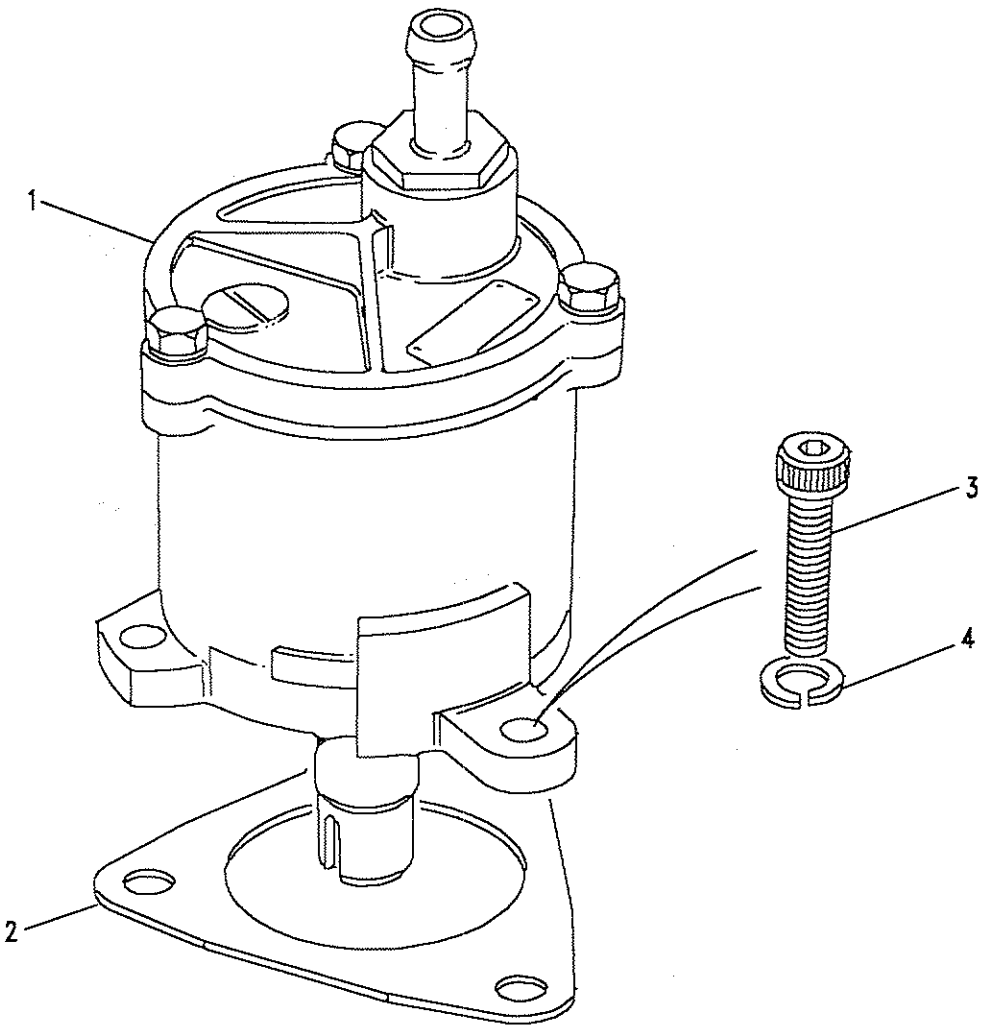



**Model** DEFENDER 90
**Page** ADBMMA1A

## ENGINE - GASKET KITS - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC1557 | Gasket kit overhaul | 1 | |
| 2 | STC1172 | Gasket kit decarbonising | 1 | |




**Model** DEFENDER 90
**Page** ADBMNA1A

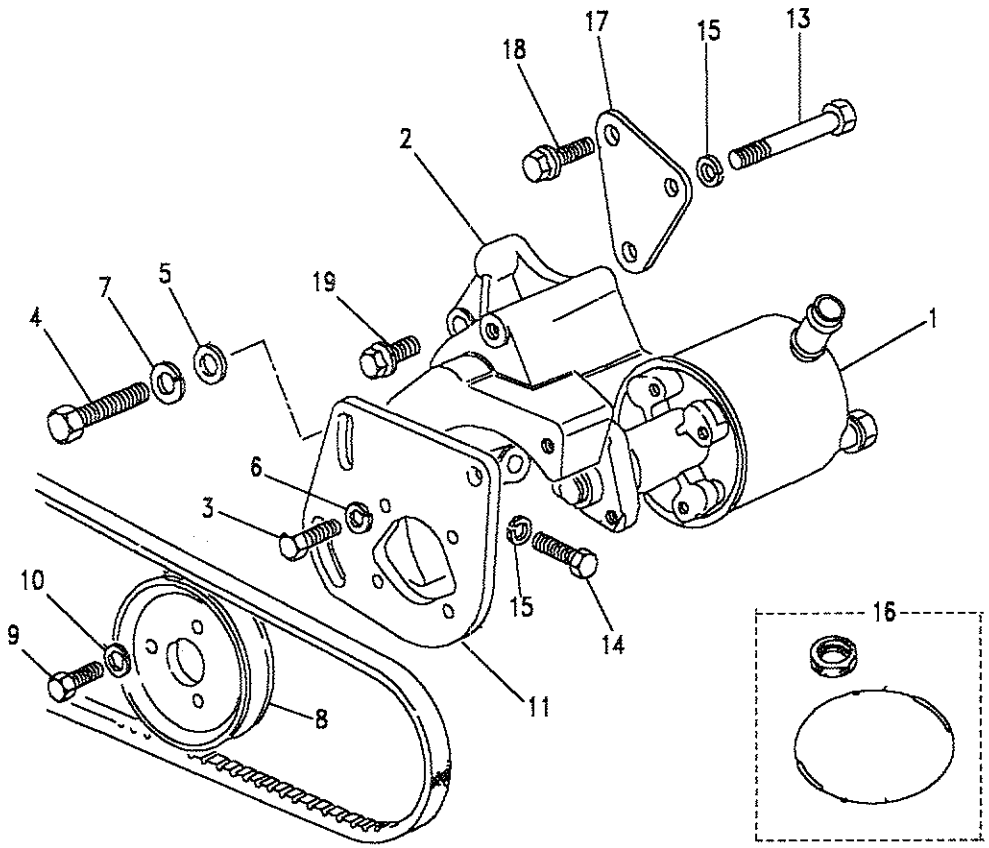
**ENGINE - VACUUM PUMP - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR535 | Pump vacuum assembly | 1 | |
| 2 | SS108251L | Bolt M8x25 | 3 | |
| 3 | WM600051L | Washer spring | 3 | |
| 4 | ETC4616 | Gasket | 1 | Note(1) |

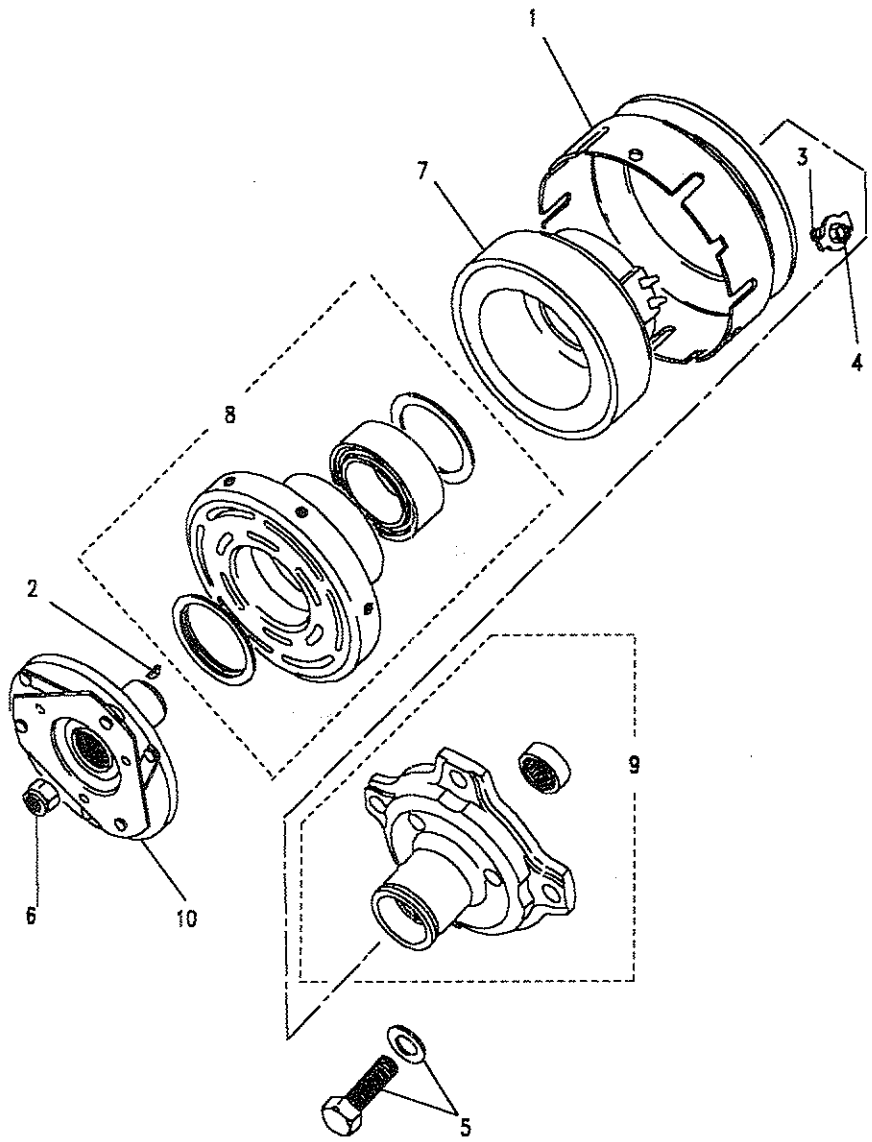
Note(1) Part of gasket kit STC363

**Model** DEFENDER 90
**Page** ADBMNC1A

## ENGINE - POWER STEERING PUMP - 200 TDI




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC8287 | Pump power steering | 1 | Upto 11L22454A |
| | NTC9070 | Pump power steering | 1 | From 11L22455A |
| 2 | ETC8854 | Bracket | 1 | |
| 3 | FS106201L | Flange screw | 4 | |
| 4 | SH108251L | Screw-pump to bracket | 3 | |
| 5 | WA108051L | Washer-pump to bracket | 2 | |
| 6 | WL106001L | Washer spring | 4 | |
| 7 | WL108001L | Washer spring | 3 | |
| 8 | ETC5783 | Pulley | 1 | |
| 9 | SH108141L | Screw-pulley to pump | 3 | |
| 10 | WL108001L | Washer spring | 3 | |
| 11 | ERR1976 | Plate mounting | 1 | Upto 11L22454A |
| | ERR2605 | Plate mounting | 1 | From 11L22455A |
| 12 | ETC5815 | Belt-power steering pump | 1 | |
| 13 | BH108181L | Bolt | 1 | |
| 14 | SH108251L | Screw | 2 | |
| | SH108301L | Screw | 1 | |
| 15 | WL108001L | Washer spring | 4 | |
| 16 | RTC5935 | Kit seal (NTC8287) | 1 | |
| | STC1633 | Kit seal (NTC9070) | 1 | |
| 17 | ERR1264 | Plate spacer | 1 | |
| 18 | FS108161L | Screw | 1 | |
| 19 | FS108301L | Bolt | 1 | |

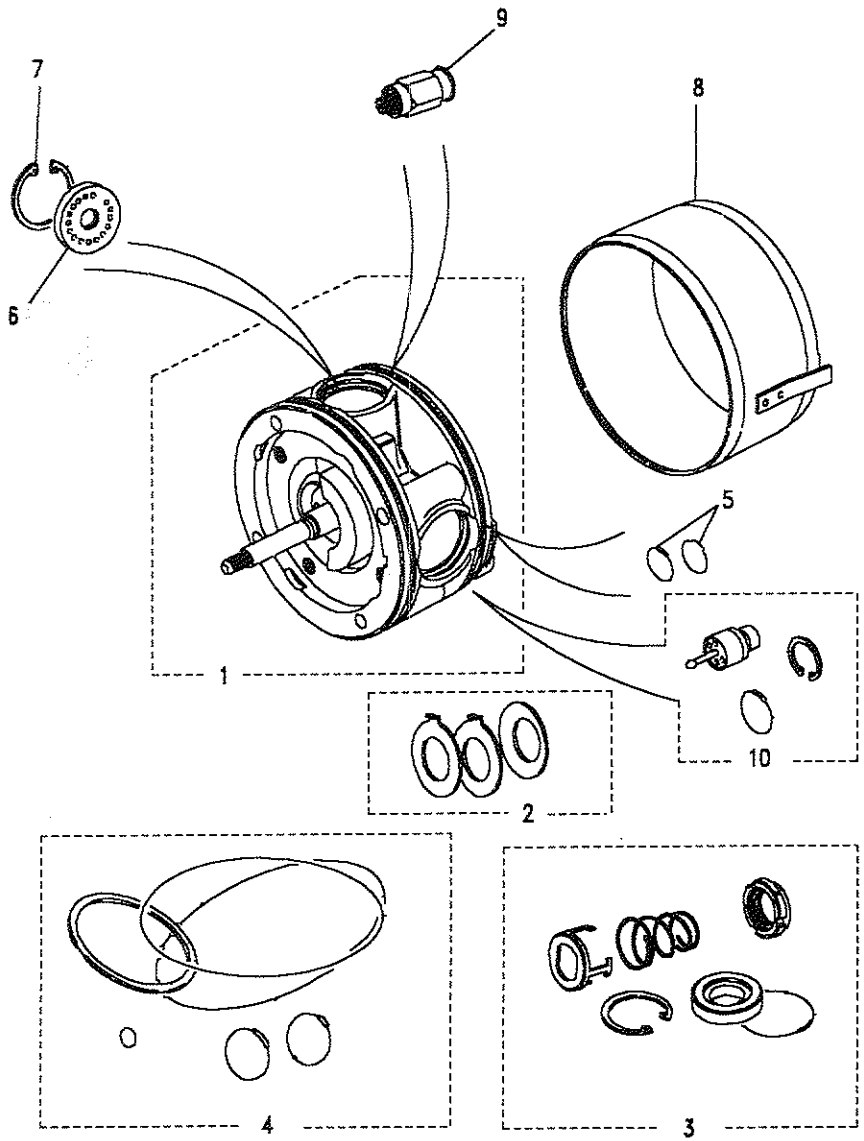



**Model** DEFENDER 90
**Page** ADBMNE1A

**ENGINE - AIR CONDITIONING COMPRESSOR - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | BTR9419 | Compressor assembly | 1 | Note(2) |
| | ERC6480 | Compressor assembly | 1 | Note(1) |
| 1 | AEU1782 | Pulley rim | 1 | |
| 2 | AEU1694 | Key clutch hub | 1 | |
| 3 | AEU1780 | Screw rim mounting | 6 | |
| 4 | AEU1779 | Washer rim mounting | 6 | |
| 5 | AEU1784 | Screw and washer assy | 4 | |
| 6 | AEU1775 | Nut shaft | 1 | |
| 7 | AEU1778 | Coil and housing assy | 1 | |
| 8 | AEU1777 | Rotor and bearing assy | 1 | |
| 9 | AEU1785 | Head front/bearing assy | 1 | |
| 10 | AEU1776 | Clutch assembly | 1 | |

Note(1) Up to VIN MA949374
Note(2) From VIN MA949375




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**Page** ADBMNE2A

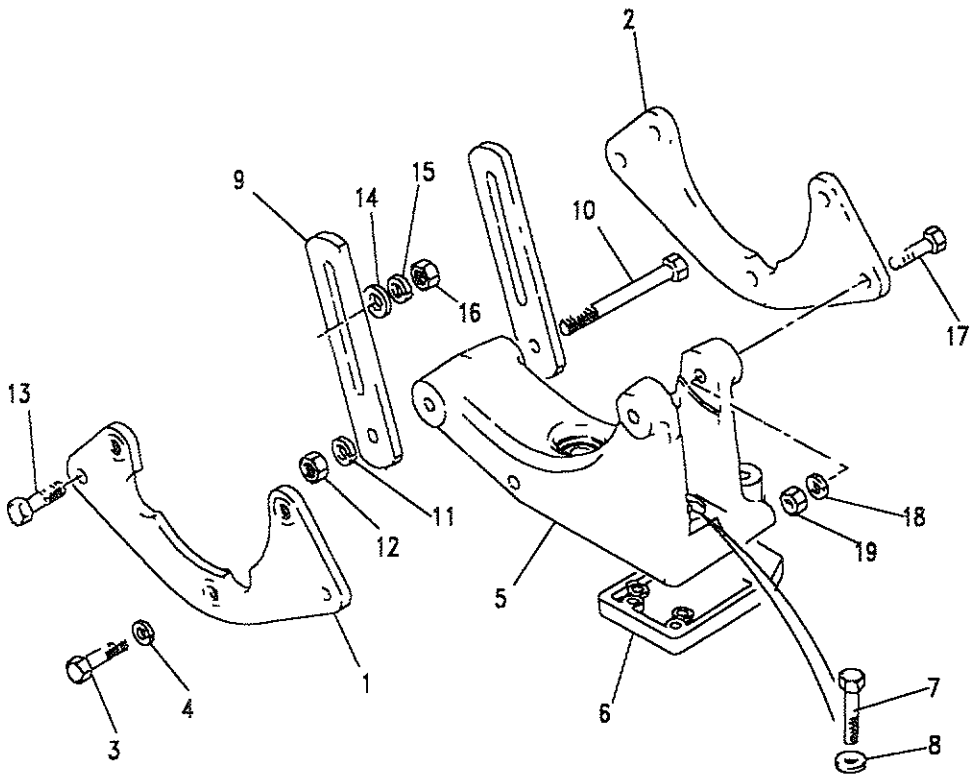
## ENGINE - KITS - COMPRESSOR - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | BTR9419 | Compressor assembly | 1 | Note(2) |
| | ERC6480 | Compressor assembly | 1 | Note(1) |
| 1 | AEU1792 | Kit cylinder/shaft assy | 1 | |
| 2 | AEU1791 | Kit thrust washers | 1 | |
| 3 | AEU1790 | Kit shaft seal | 1 | |
| 4 | AEU1192 | Kit 'O' rings | 1 | |
| 5 | AEU1690 | 'O'ring | 2 | |
| 6 | AEU1788 | Plate valve assembly | 4 | |
| 7 | AEU1787 | Ring retaining | 4 | |
| 8 | AEU1786 | Shell assembly | 1 | |
| 9 | AEU1689 | Valve pressure release | 1 | |
| 10 | AEU1688 | Kit superheat switch | 1 | |
| | ETC4371 | Belt driving | 1 | |
| | AEU1691 | Oil 525 visco 2pt(1136ml) | A/R | |

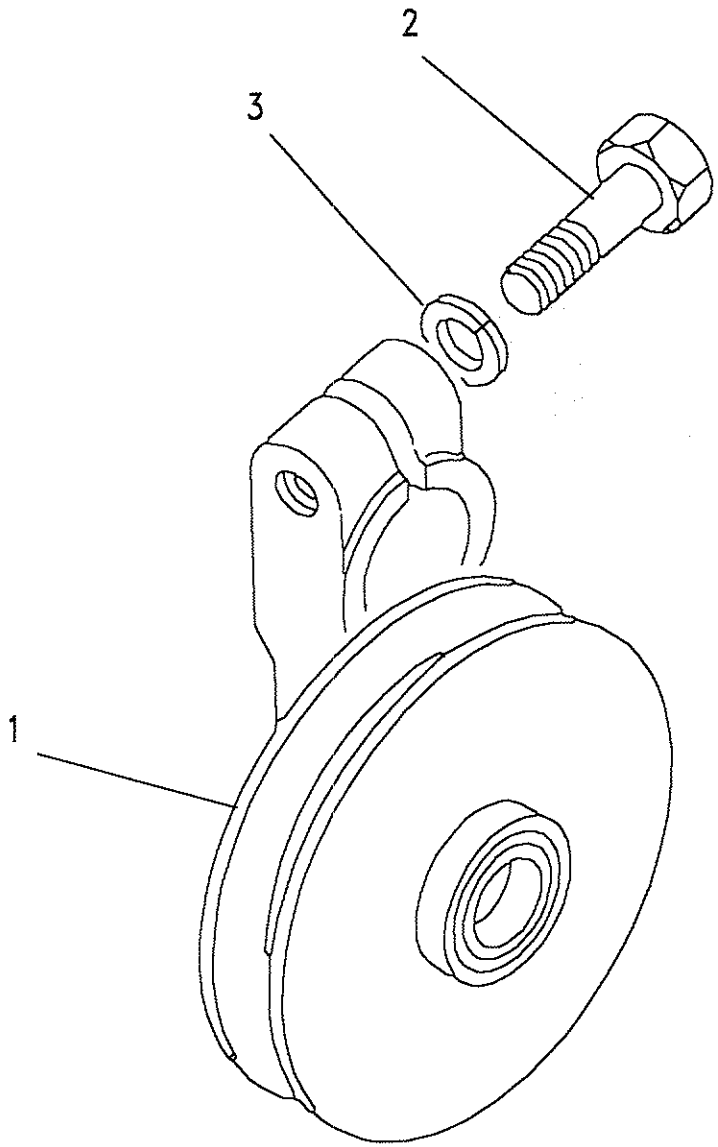
Note(1) Up to VIN MA949374
Note(2) From VIN MA949375

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**Page** ADBMNE3A

## ENGINE - COMPRESSOR FIXINGS - 200 TDI



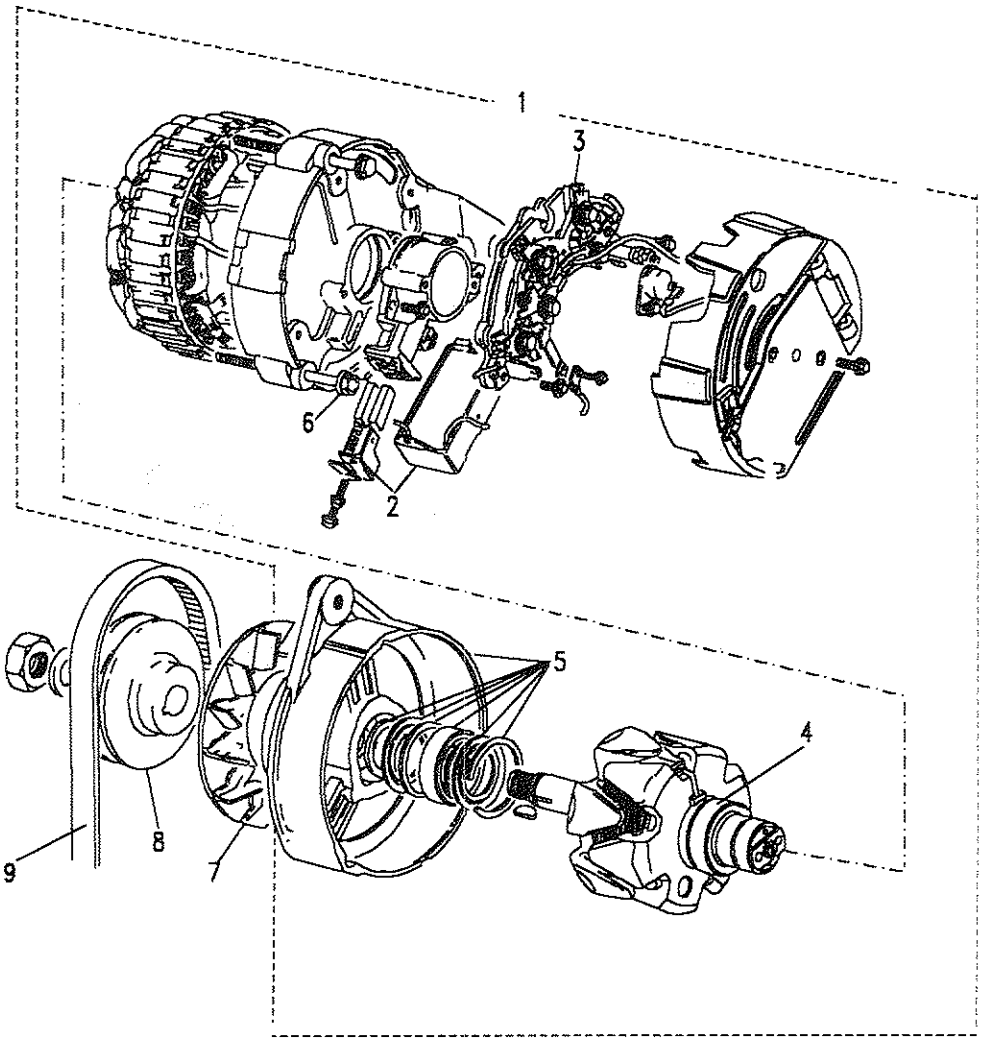

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC7082 | Plate mounting front | 1 | |
| 2 | ERC5152 | Plate mounting rear | 1 | |
| 3 | BH110201L | Bolt compressor to plate | 3 | |
| 4 | WL110001L | Washer spring | 3 | |
| 5 | ETC4882 | Bracket mounting compress | 1 | |
| 6 | ETC4197 | Adaptor plate bracket | 1 | |
| 7 | BH110101L | Bolt bracket to cover | 4 | |
| 8 | WA110061L | Washer | 4 | |
| 9 | ERC5155 | Link adjusting | 2 | |
| 10 | BH108181L | Bolt link to bracket | 1 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | NH108041L | Nut | 1 | |
| 13 | SH108251L | Screw link to plate | 2 | |
| 14 | WA108051L | Washer | 2 | |
| 15 | WL108001L | Washer spring | 2 | |
| 16 | NH108041L | Nut | 2 | |
| 17 | FB108081L | Bolt bracket to plate | 2 | |
| 18 | WL108001L | Washer spring | 2 | |
| 19 | NH108041L | Nut | 2 | |




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**Page** ADBMNE4B

**ENGINE - AIR CON IDLER PULLEY - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 614718 | Pulley damper assembly | 1 | |
| 2 | BH605101L | Bolt | 1 | |
| 3 | WM600051L | Washer | 1 | |




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**Page** ADBMPC1A

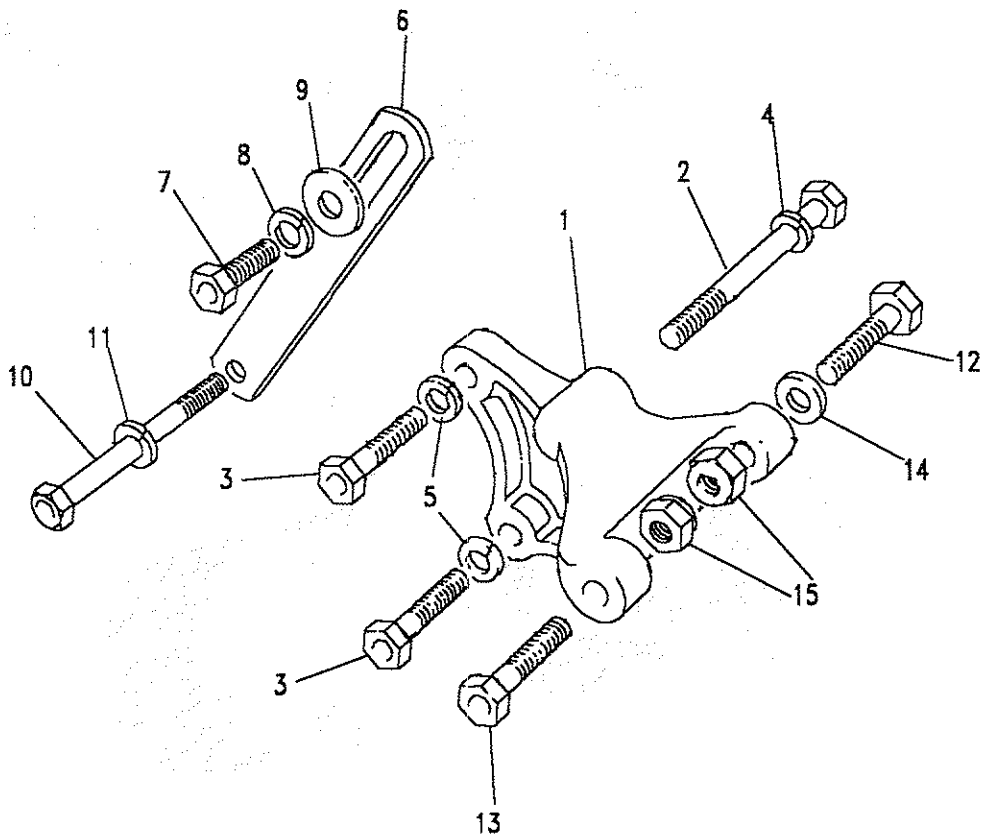
**ENGINE - ALTERNATOR - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5680N | Alternator A127/65AM | 1 | Note(1) |
| | RTC5680E | Alternator A127/65AMP | 1 | |
| | RTC5682N | Alternator A127/45AMP | 1 | Note(2) |
| | RTC5682E | Alternator A127/45AMP | 1 | |
| 2 | RTC5670 | Regulator & brush box | 1 | |
| 3 | RTC5671 | Rectifier | 1 | |
| 4 | RTC5926 | Bearing slip ring end | 1 | |
| 5 | RTC5687 | Bracket & bearing-drive | 1 | |
| 6 | RTC5925 | Kit through bolts | 1 | |
| 7 | AAU2249L | Fan | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ETC7939 | Belt fan | 1 | |
| | RTC5689 | Spacer pulley | 1 | |

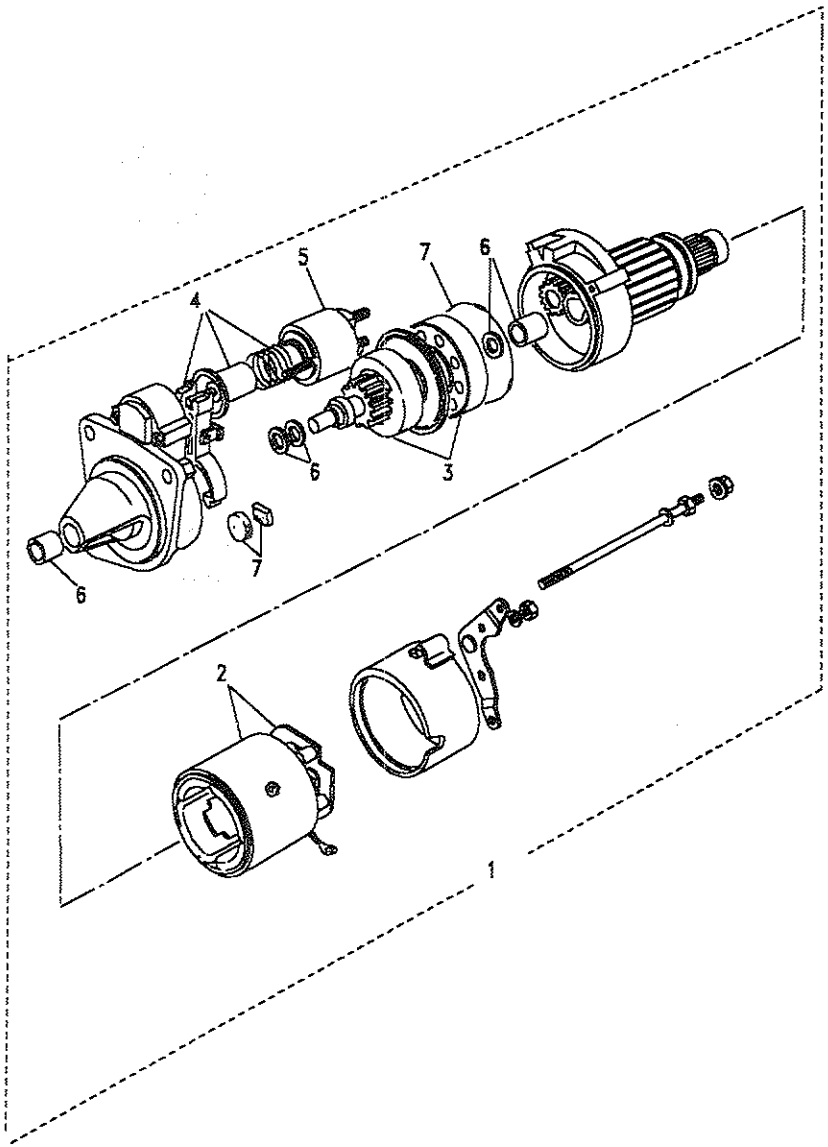
Note(1) LUCAS NUMBER 24220
Note(2) LUCAS NUMBER 24199

**Model** DEFENDER 90
**Page** ADBMPC2A

## ENGINE - FIXINGS ALTERNATOR - 200 TDI



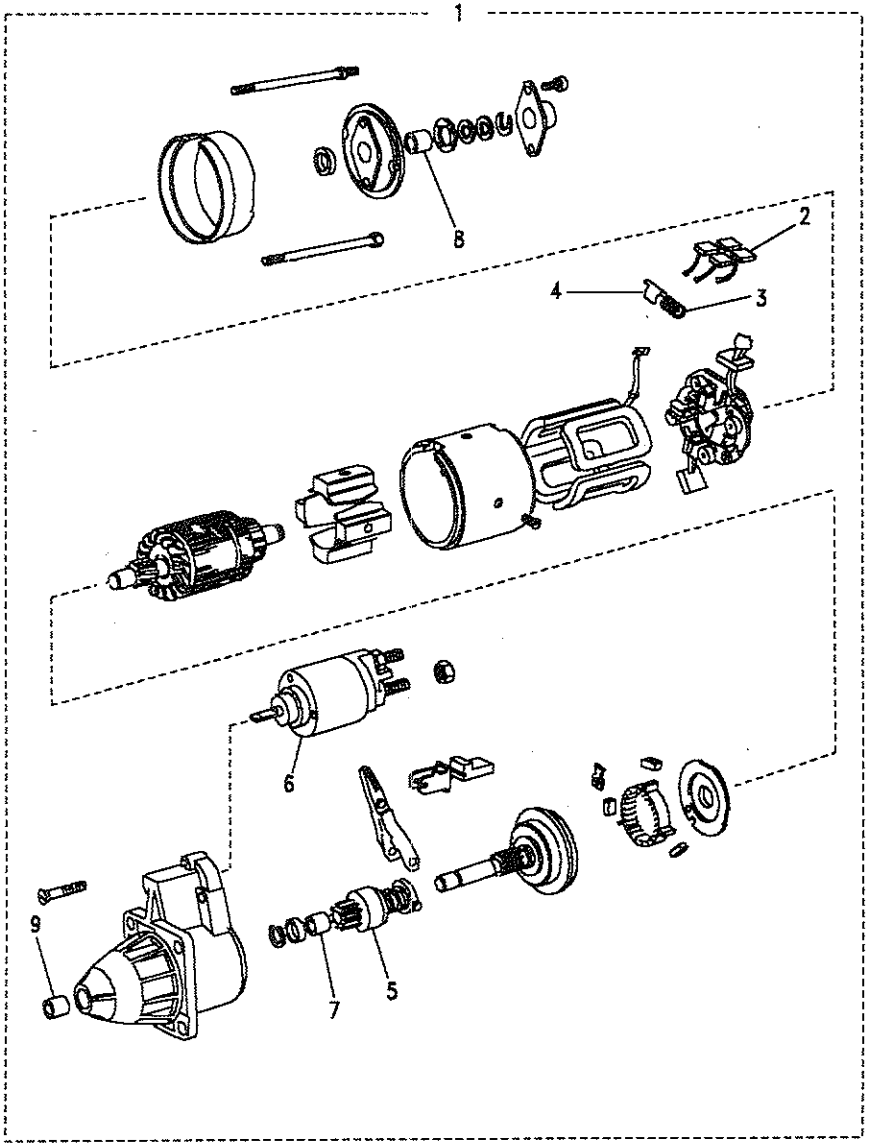

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4357 | Bracket mounting | 1 | |
| 2 | BH108161L | Bolt bracket to block | 1 | |
| 3 | SH110301L | Bolt bracket to block | 2 | |
| 4 | WL108001L | Washer spring | 1 | |
| 5 | WL108001L | Washer spring | 2 | |
| 6 | ERC6266 | Link adjusting | 1 | |
| 7 | FS108201L | Screw link to alternator | 1 | |
| 8 | WL108001L | Washer spring | 1 | |
| 9 | 2266L | Washer | 1 | |
| 10 | ERC8964 | Bolt link to block | 1 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | FB108081L | Bolt bracket to block | 1 | |
| 13 | BH108091L | Bolt bracket to block | 1 | |
| | ERC7974 | Spacer | 1 | |
| 14 | WC108051L | Washer | 1 | |
| 15 | NY108041L | Nut nyloc | 2 | |




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**Page** ADBMPE1A

## ENGINE - STARTER MOTOR - 200 TDI

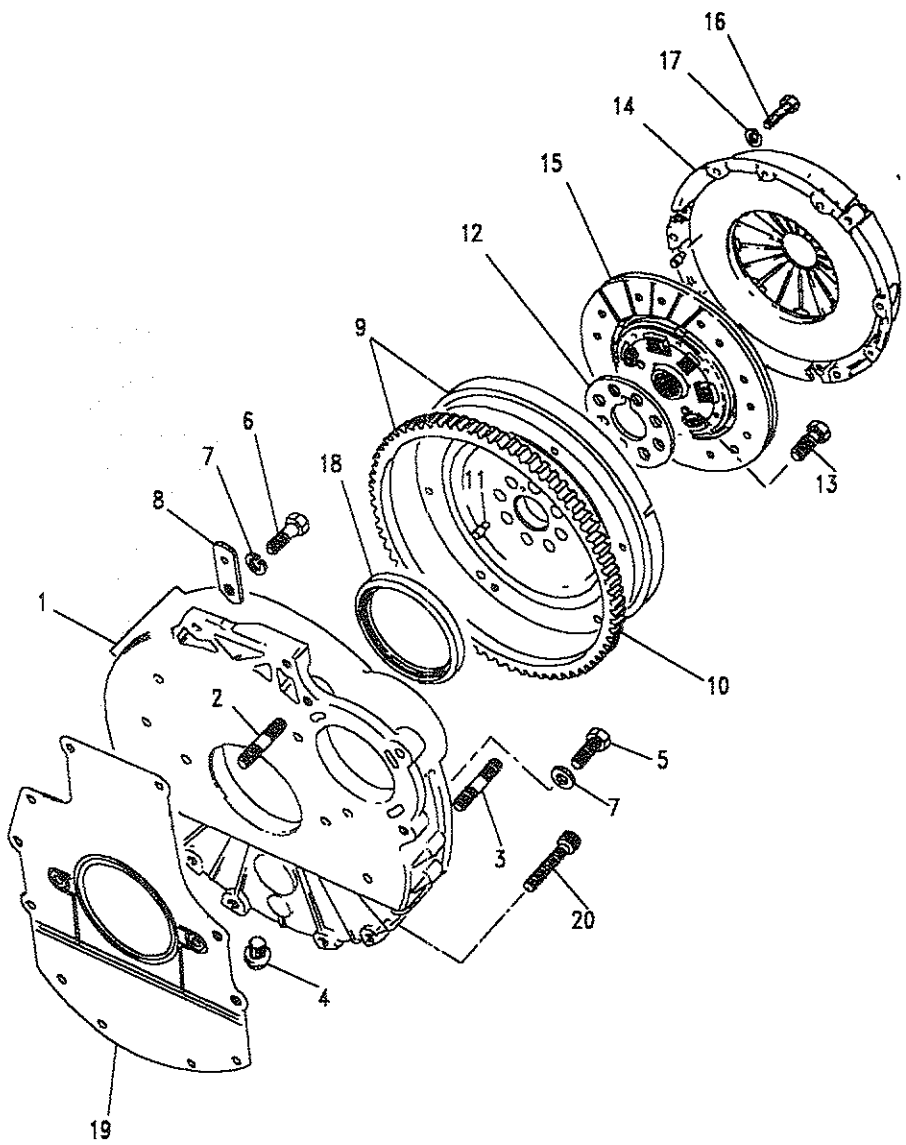
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used up to 11L24823A** | | | | |
| 1 | PRC5109N | Starter motor | 1 | |
| | PRC5109E | Starter motor-exchange | 1 | |
| 2 | RTC4981 | Inductor-brush holder | 1 | |
| 3 | RTC4982 | Pinion drive assembly | 1 | |
| 4 | RTC4979 | Lever shift assembly | 1 | |
| 5 | RTC4978 | Solenoid | 1 | |
| 6 | RTC4980 | Kit repair | 1 | |
| 7 | RTC4983 | Kit gasket | 1 | |
| | PRC5538 | Cable earth | 1 | |
| **Starter Heatshield** | | | | |
| 8 | ERR806 | Heatshield starter motor | 1 | |
| 9 | ERR807 | Bracket | 1 | |
| 10 | ERR808 | Bracket | 1 | |
| 11 | FS105107 | Screw flanged | 4 | |
| **Starter To Flywheel Housing** | | | | |
| | FS110301L | Screw | 1 | |
| | FN110047 | Nut m10 | 2 | |
| | WL110001L | Washer spring | 3 | |
| | BH110091I | Bolt-starter to flywheel | 1 | |




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**Page** ADBMPE2A

## ENGINE - STARTER MOTOR - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used from 11L24824A** | | | | |
| 1 | ERR5009 | Starter motor | 1 | |
| 2 | STC1246 | Brush set | 1 | |
| 3 | STC1254 | Spring compression | 4 | |
| 4 | STC1247 | Guide brush | 4 | |
| 5 | STC1244 | Drive assembly | 1 | |
| 6 | STC1245 | Solenoid | 1 | |
| 7 | STC1250 | Bush | 2 | |
| 8 | STC1251 | Bush | 1 | |
| 9 | STC1255 | Bush | 1 | |




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**Page** ADBMRA1A

## ENGINE - FLYWHEEL & CLUTCH - 200 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1330 | Flywheel housing assy | 1 | Upto 60160A |
| | ERR3924 | Housing flywheel | 1 | From 60161A |
| 2 | TE110061L | Stud-bell housing | 13 | |
| 3 | ERC9240 | Stud-starter motor | 1 | |
| 4 | ERC7295 | Plug | 1 | |
| 5 | FS110301L | Screw | 6 | |
| 6 | BH110091L | Bolt-housing to block | 2 | |
| 7 | WA110061L | Washer-housing to block | 6 | |
| 8 | ERC9404 | Bracket-harness clip | 2 | |
| 9 | ERR719 | Flywheel assembly | 1 | |
| 10 | 568431 | Ring starter | 1 | |
| 11 | 502116 | Dowel | 3 | |
| 12 | ERC4658 | Plate reinforcement | 1 | Note(2) |
| 13 | ERC6551 | Bolt-flywheel to crank | 8 | Note(2) |
| | ERR4574 | Bolt-flywheel to crank | 8 | Note(2) |
| 14 | FTC575 | Clutch cover | 1 | |
| 15 | FTC576 | Clutch plate | 1 | |
| | FTC1994 | Clutch plate (Diesel 130) | 1 | |
| 16 | SX108201L | Screw | 6 | |
| 17 | WL108001L | Washer spring | 6 | |
| 18 | ERR1535 | Oil seal | 1 | Note(1) |
| 19 | ERR1440 | Gasket-f/wheel to/block | 1 | Note(1) |
| 20 | SS110801 | Screw socket | 4 | |

Note(1) Part of gasket kit STC363
Note(2) Plate deleted from June 93. If plate is not fitted use bolts ERR4574

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GROUP B

ENGINE

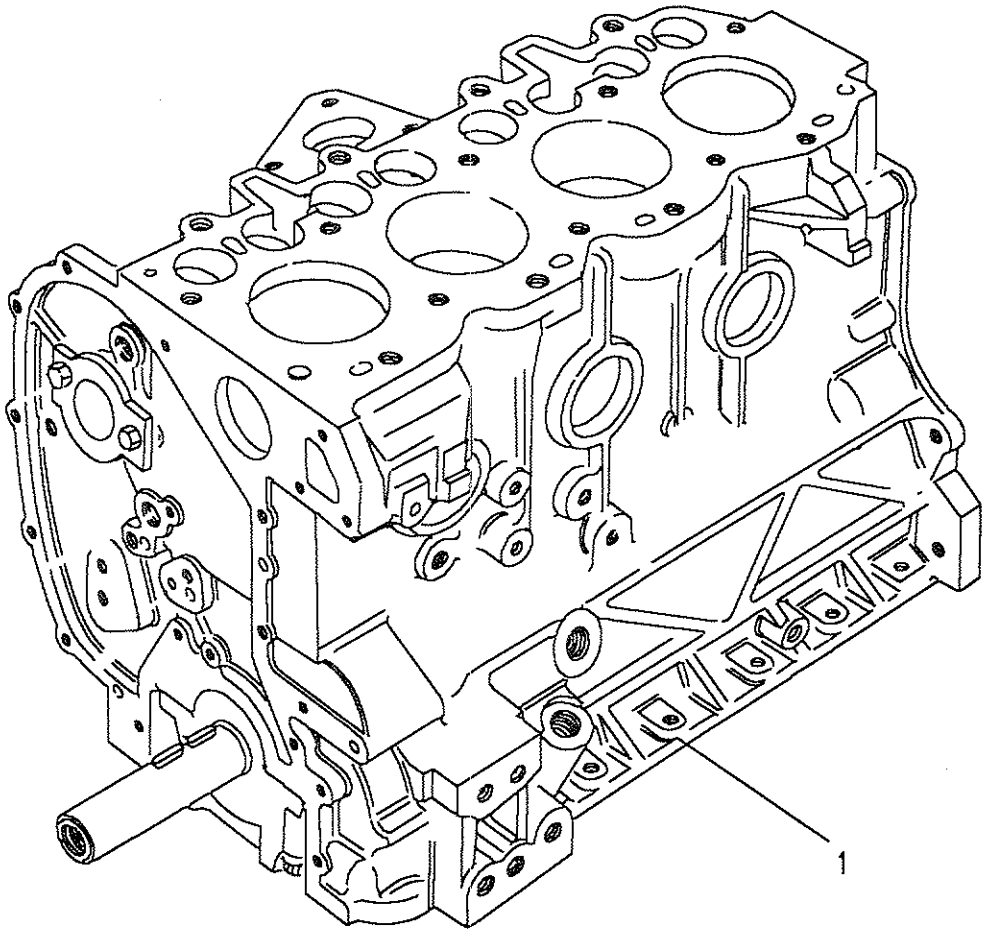

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## ENGINE - ENGINE STRIPPED - 300 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC1736N | Engine stripped assembly | 1 | |

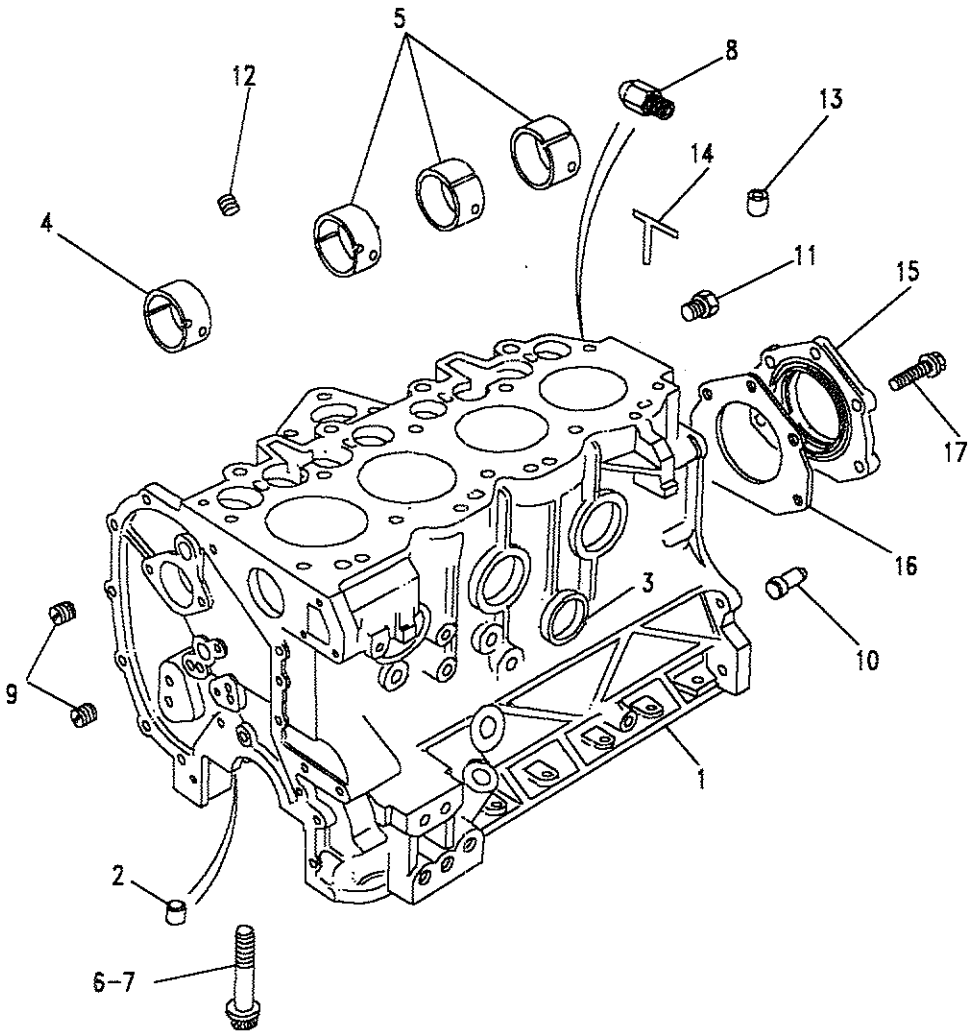
Note(1) Engine less ancillary equipment




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**ENGINE - SHORT ENGINE - 300TDI**

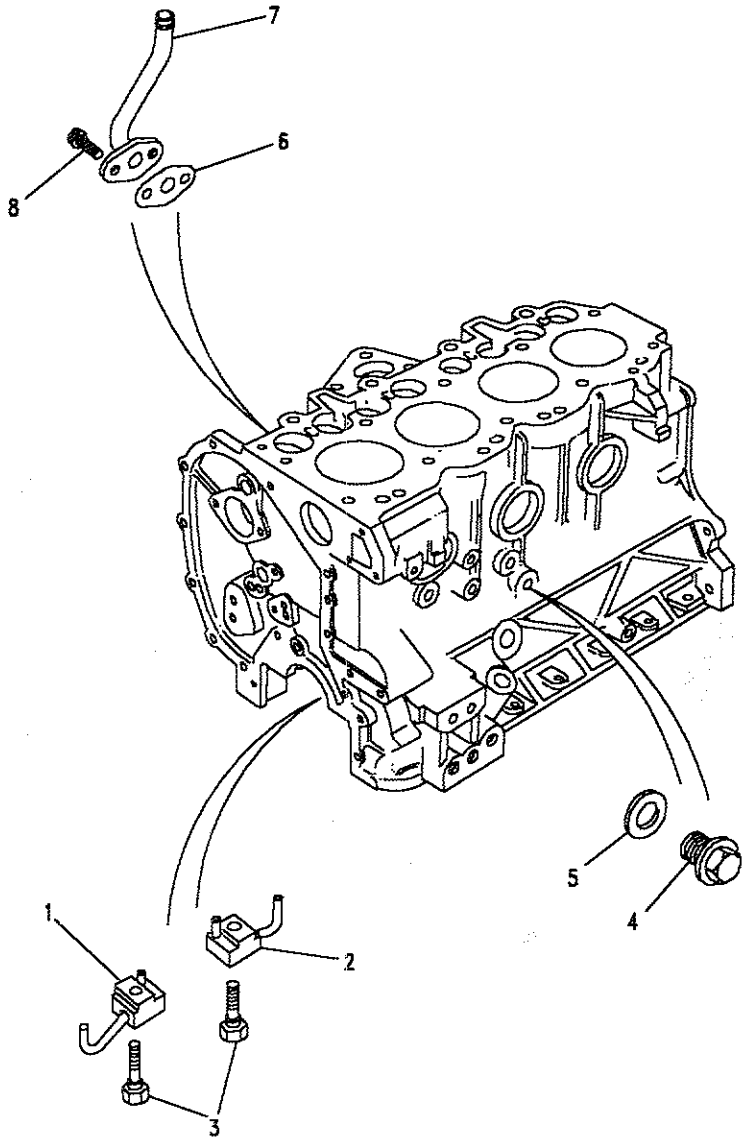
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC1675 | Engine short assembly | | |




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**Page** ADBNBA1A

## ENGINE - CYLINDER BLOCK - 300TDI

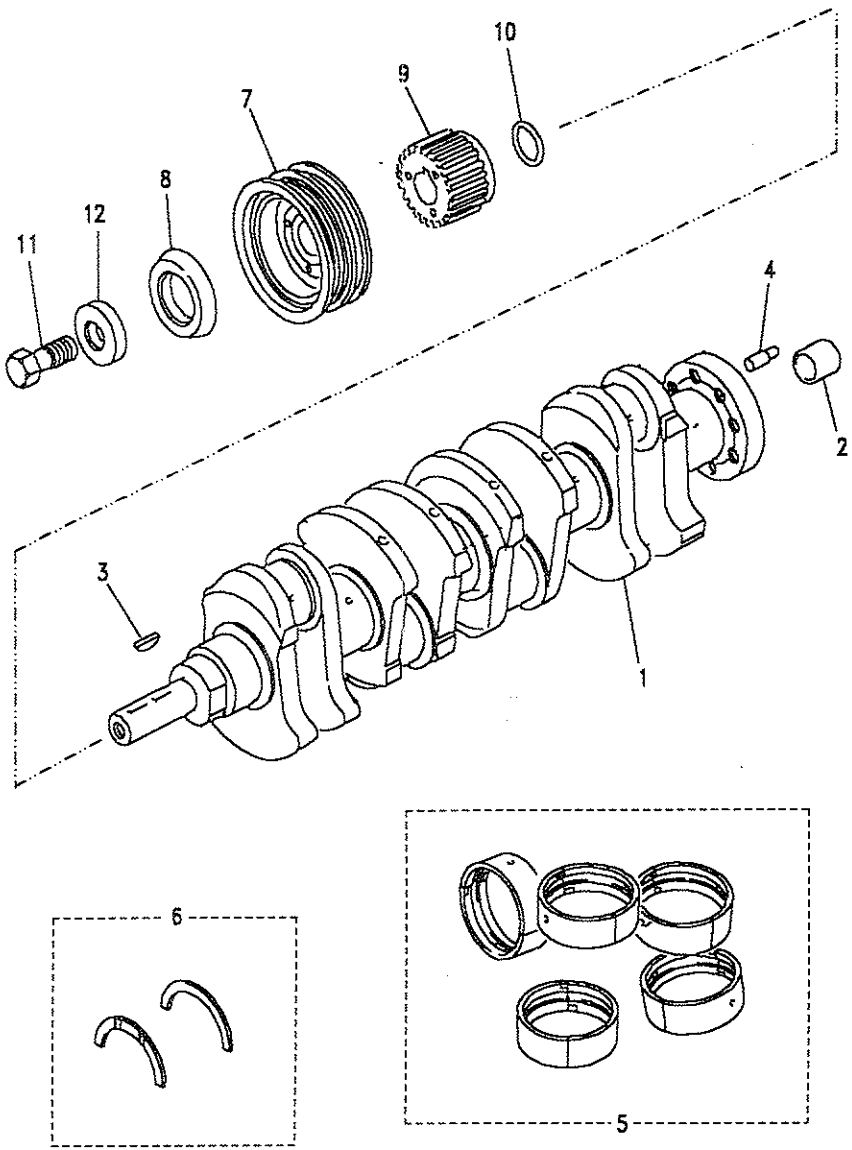
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1919 | Cylinder block assembly | 1 | |
| 2 | 501593 | Dowel bearing caps | 10 | |
| 3 | ERC4996 | Cup plug | 6 | |
| 4 | ETC8442 | Bearing cam | 1 | |
| 5 | 90519055 | Bearing cam | 3 | |
| 6 | ETC8074 | Bolt bearing cap | 8 | |
| 7 | ERR3419 | Bolt bearing cap | 2 | |
| 8 | ERR2767 | Jet oil camshaft | 1 | |
| 9 | 247127 | Plug oil gallery | 2 | |
| 10 | FRC2482 | Dowel flywheel housing | 2 | |
| 11 | ETC4922 | Plug gallery pipe | 2 | |
| 12 | ERR5034 | Plug camshaft oil feed | 3 | |
| 13 | ETC8352 | Ring dowel head/block | 2 | |
| 14 | ERR913 | Packing strip | 2 | |
| 15 | ERR4179 | Oil seal rear | 1 | |
| 16 | ERR4861 | Gasket rear oil seal | 1 | |
| 17 | FS108251L | Screw flange M8 x 25 | 5 | |




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**ENGINE - JET ADAPTORS - 300TDI**

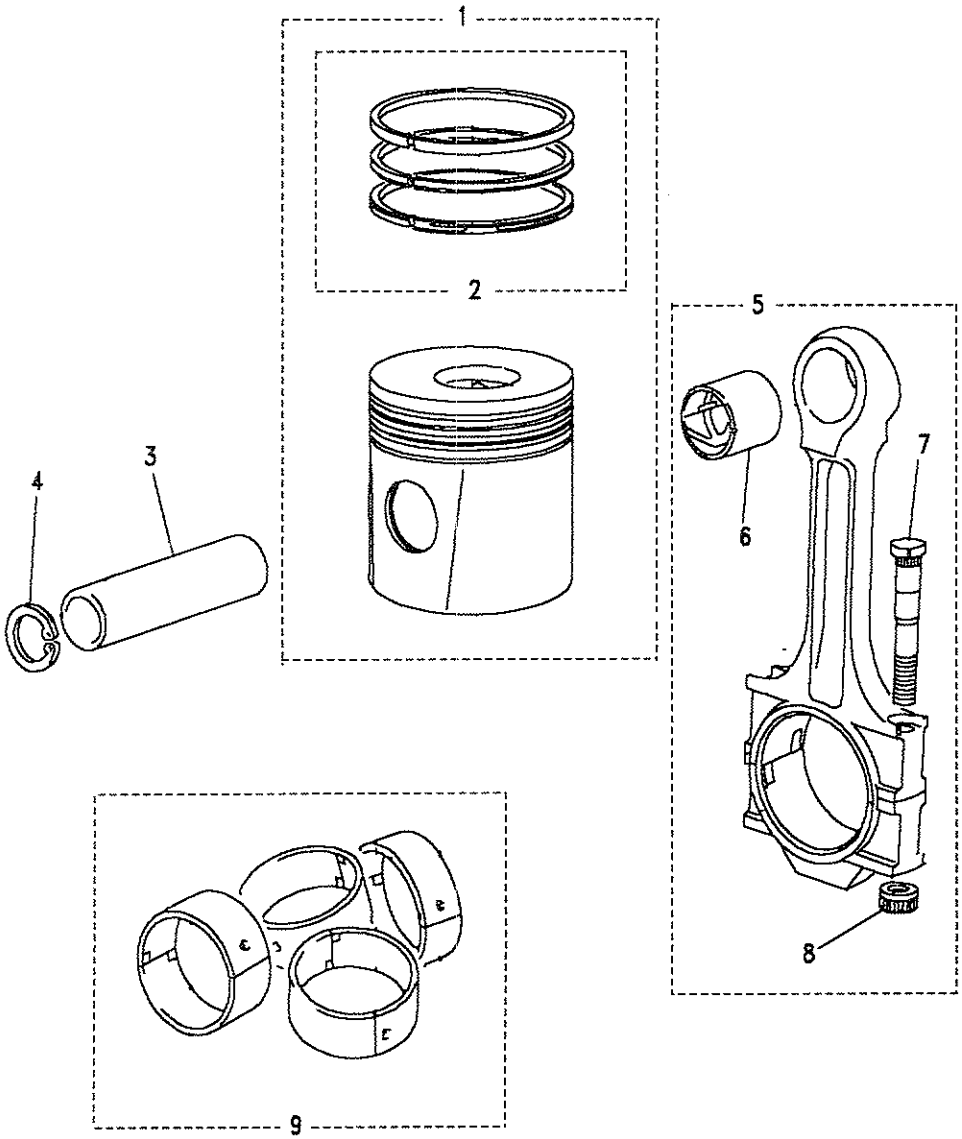
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6531 | Oil jet assy No1 & 3 cyl | 2 | |
| 2 | ETC6532 | Oil jet assy No2 & 4 cyl | 2 | |
| 3 | ETC5592 | Valve relief | 4 | |
| 4 | ERC9410 | Plug drain | 1 | |
| 5 | AFU1882L | Washer joint | 1 | |
| 6 | ERR1094 | Pipe oil drain | 1 | |
| 7 | ERR1653 | Gasket drain pipe | 1 | |
| 8 | FS108201 | Screw flange | 2 | |




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**Page** ADBNCA1A

**ENGINE - CRANKSHAFT - 300TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR2112 | Crankshaft | 1 | |
| 2 | 8566L | Bush | 1 | |
| 3 | ERR3987 | Key | 2 | |
| 4 | ERR1630 | Dowel | 1 | |
| 5 | RTC4783 | Bearing kit main standard | 1 | |
| | RTC478310 | Bearing kit main .010 u/s | 1 | |
| **Kit - thrust washer - pairs** | | | | |
| 6 | RTC2825 | Standard | A/R | |
| | 538131 | 0.0025 oversize | A/R | |
| | 538132 | 0.0050 oversize | A/R | |
| 7 | ERR2220 | Damper | 1 | |
| 8 | ERR2100 | Flinger | 1 | |
| 9 | ERR4707 | Pulley crankshaft timing | 1 | |
| 10 | ERR4710 | O ring | 1 | |
| 11 | ERR5087 | Bolt crankshaft | 1 | |
| 12 | ERR1564 | Washer thrust | 1 | |



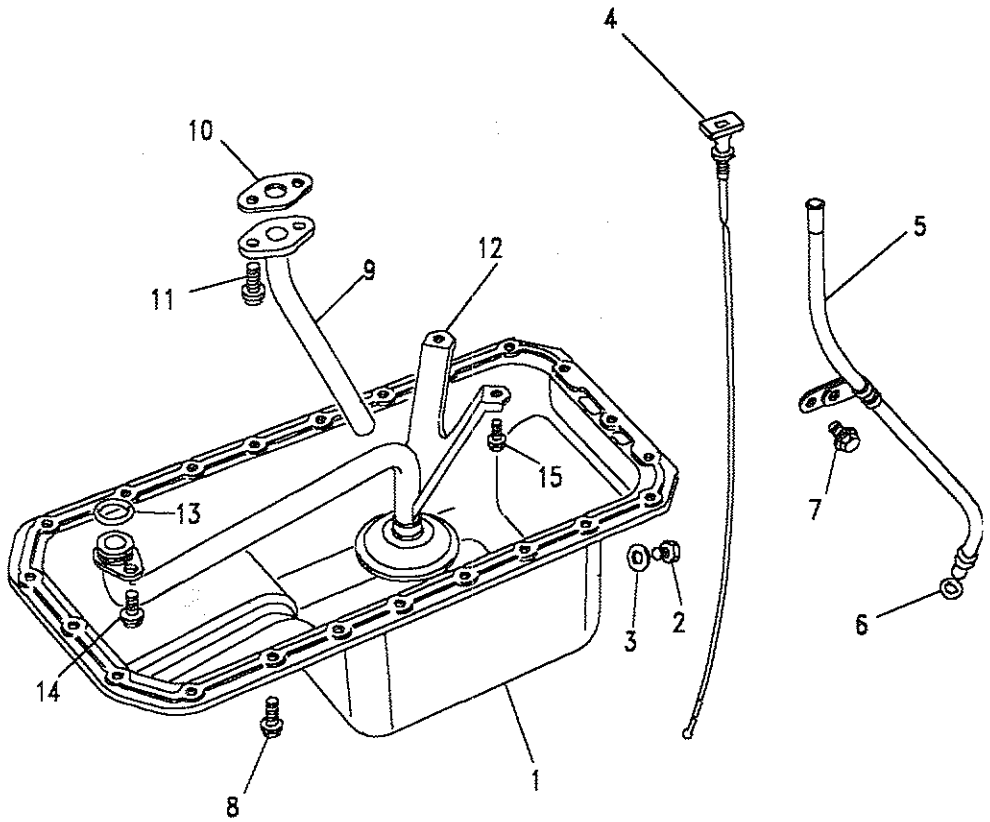

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## ENGINE - PISTON & RINGS - 300TDI

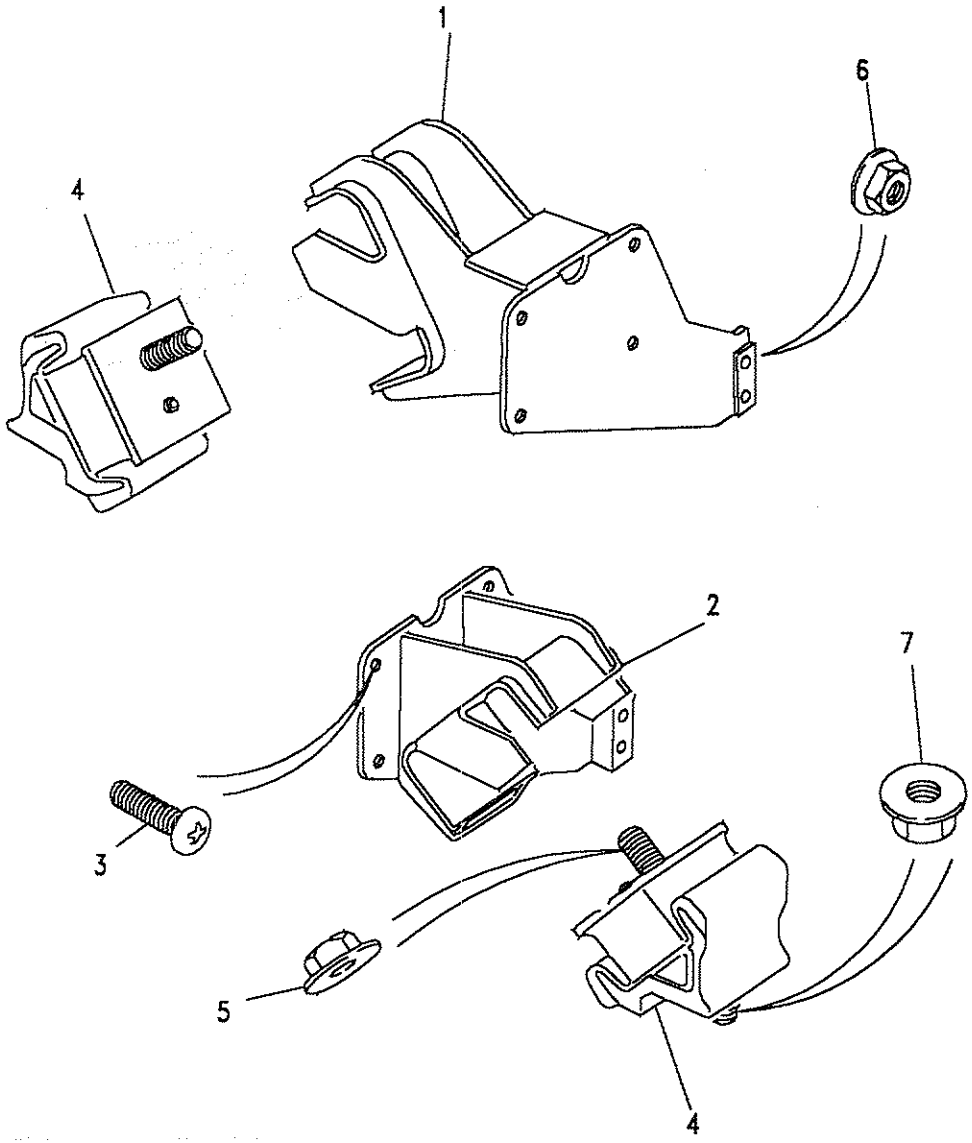
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR2410 | Piston assembly standard | 4 | |
| 2 | STC958 | Kit piston rings | 4 | |
| 3 | ERR703 | Gudgeon pin | 4 | |
| 4 | 266945 | Circlip | 8 | |
| 5 | ERR2418 | Connecting rod assembly | 4 | |
| 6 | ERR2419 | Bush | 4 | |
| 7 | ETC7357 | Bolt | 8 | |
| 8 | ETC8191 | Nut | 8 | |
| | **Bearing kit - conn rod - engine set** | | | |
| 9 | RTC2993 | Standard | A/R | |
| | RTC299310 | 0.010 oversize | A/R | |

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**Page** ADBNDA1A

## ENGINE - SUMP - 300TDI



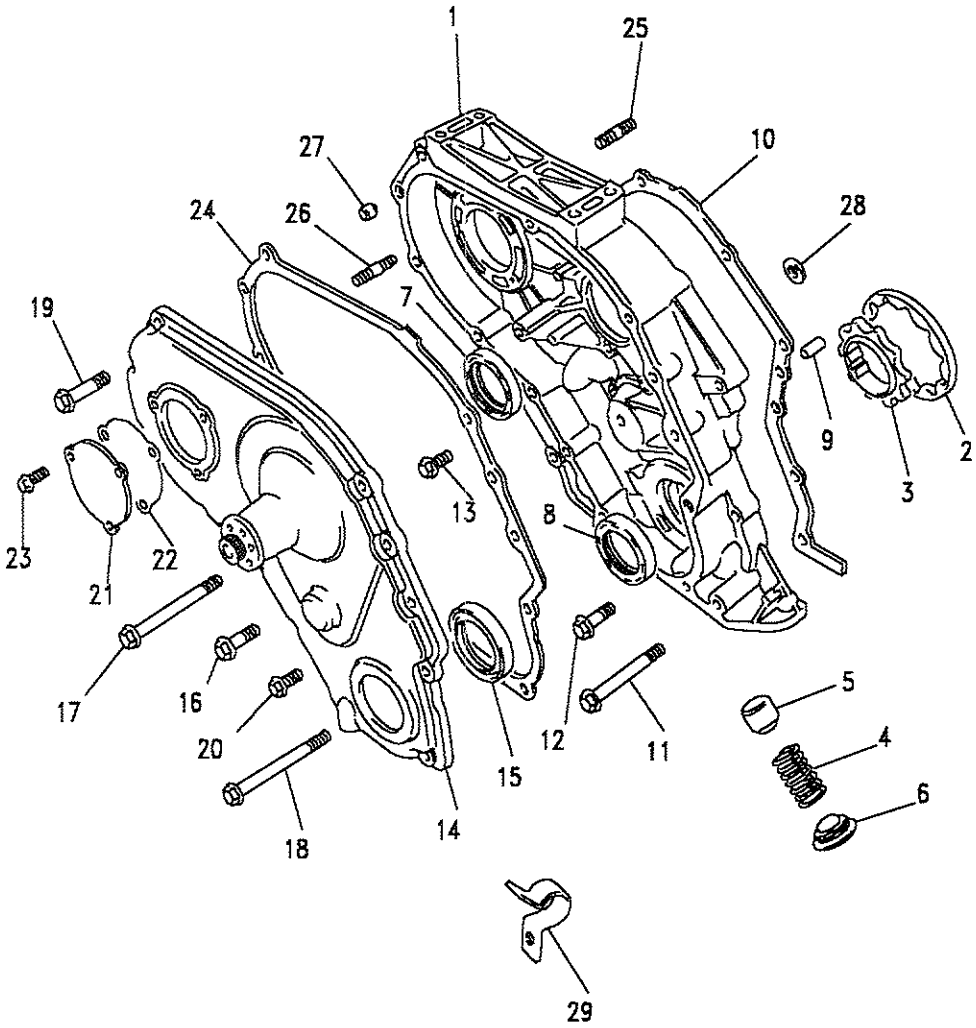

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4696 | Sump | 1 | |
| 2 | UAM2957 | Plug | 1 | |
| 3 | UAM2857L | Washer joint | 1 | |
| 4 | ERR3809 | Rod oil level | 1 | |
| 5 | ERR4697 | Tube dipstick | 1 | |
| 6 | ERR3683 | Ring sealing | 1 | |
| 7 | FS108161L | Screw flange | 1 | |
| 8 | FS108161L | Screw flange | 22 | |
| 9 | ERR3633 | Pipe oil drain | 1 | |
| 10 | ERR1653 | Gasket | 1 | |
| 11 | FS108201 | Screw flange | 2 | |
| 12 | ERR3299 | Oil pick up assembly | 1 | |
| 13 | ERR3417 | O Ring | 1 | |
| 14 | FS108161L | Screw flange | 1 | |
| 15 | FS106167 | Screw flange | 2 | |




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**ENGINE - MOUNTINGS - DIESEL 300TDI**

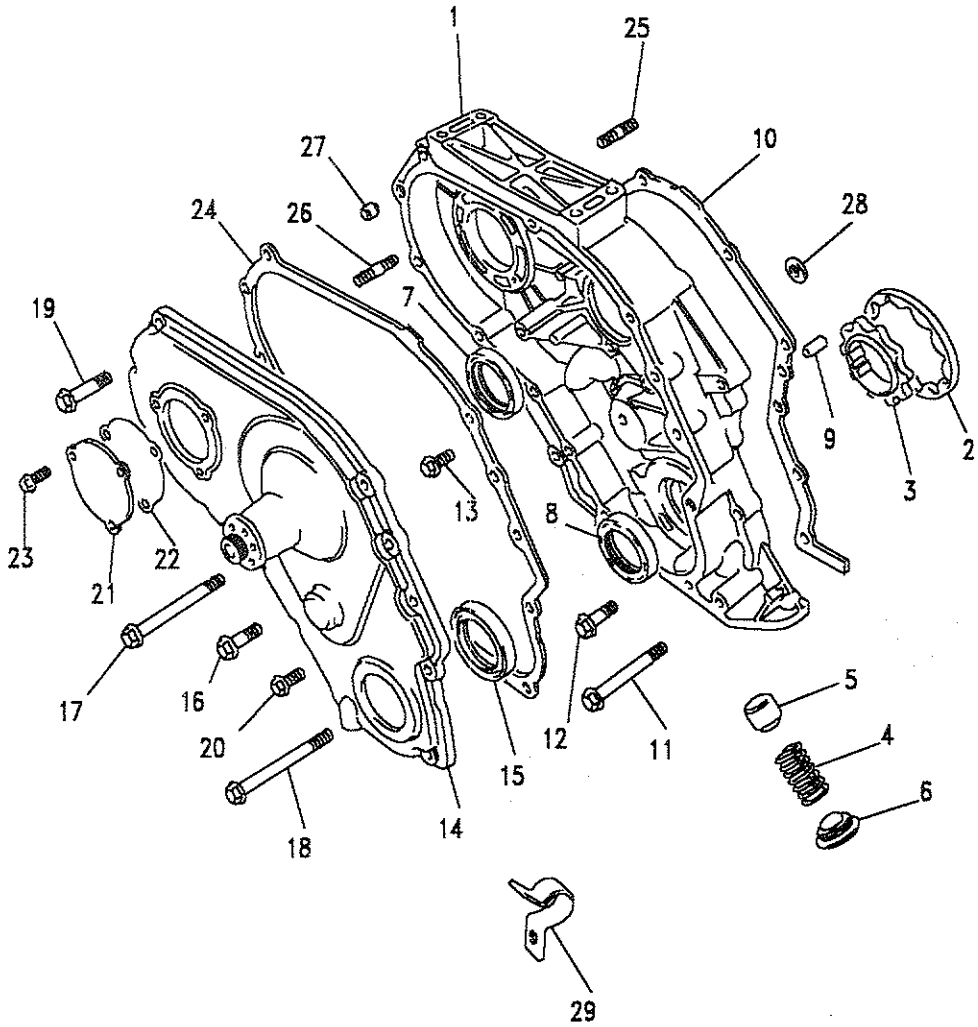
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ANR2868 | Bracket mounting RH | 1 | |
| 2 | NTC9415 | Bracket mounting LH | 1 | |
| 3 | SH112201 | Screw M12 x 20 | 8 | |
| 4 | NTC9416 | Mounting rubber | 2 | |
| 5 | FX112041L | Nut flanged M12 | 2 | |
| 6 | FX110041L | Nut flanged M10 | 2 | |
| 7 | FX112041L | Nut flanged M12 | 2 | |




**Model** DEFENDER 90
**Page** ADBNEA1A

**ENGINE - FRONT COVER - 300TDI**

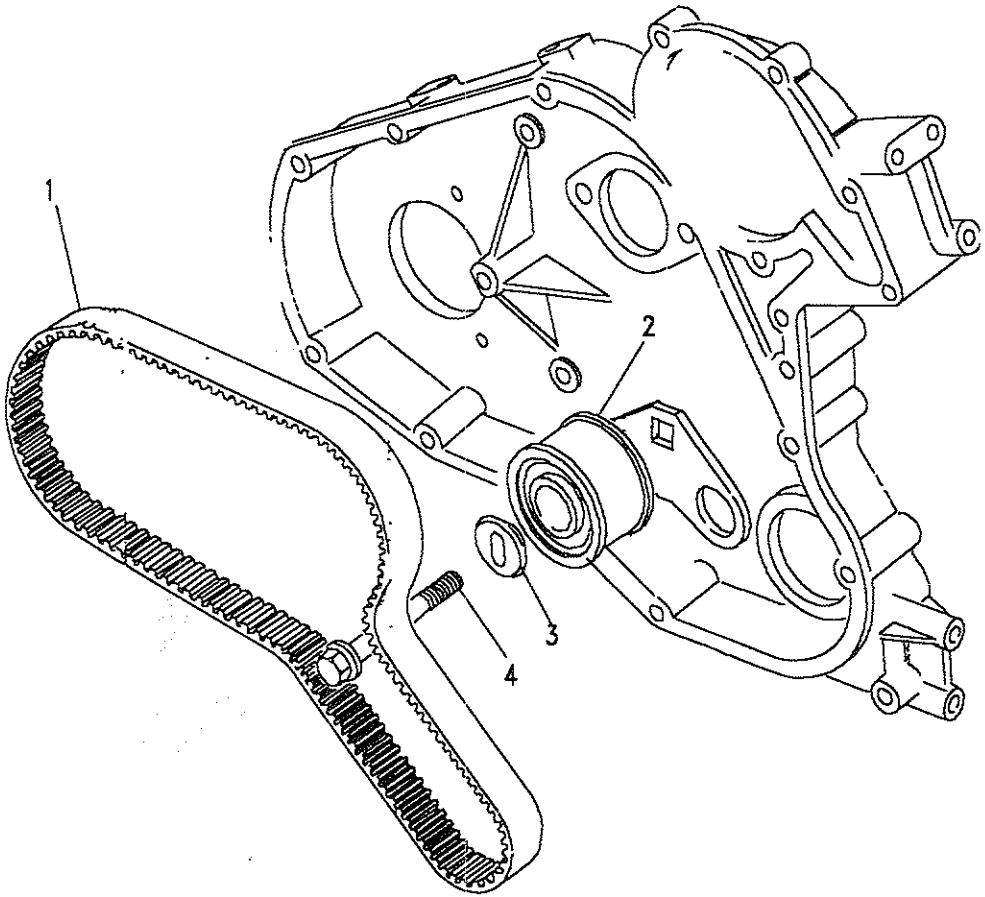
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4664 | Cover front | 1 | |
| 2 | ERR1040 | Rotor outer | 1 | |
| 3 | ERR1041 | Rotor inner | 1 | |
| 4 | ERR1084 | Spring relief valve | 1 | |
| 5 | ERR1085 | Plunger relief valve | 1 | |
| 6 | ERR1086 | Plug relief plunger | 1 | |
| 7 | ERR3356 | Oil seal camshaft | 1 | |
| 8 | ERR4575 | Oil seal crankshaft | 1 | |
| 9 | 6395L | Dowel | 4 | |
| 10 | ERR4860 | Gasket front cover | 1 | |
| 11 | FB108161L | Bolt flange M8 x 80 | 2 | |
| 12 | FB108071L | Bolt flange M8 x 35 | 3 | |
| 13 | FS108251L | Screw flange M8 x 25 | 5 | |




**Model** DEFENDER 90
**Page** ADBNEA1A

## ENGINE - FRONT COVER - 300TDI

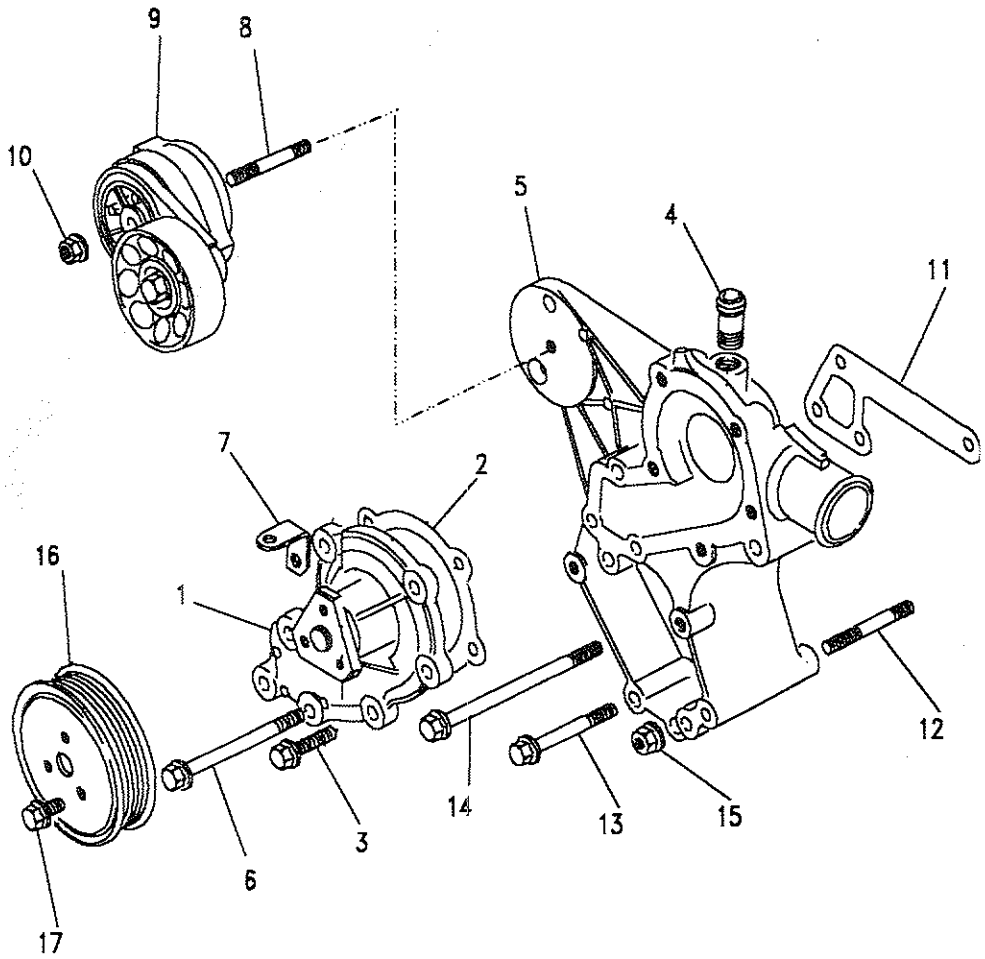
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 14 | ERR4578 | Cover front engine | 1 | |
| 15 | ERR4576 | Oil seal crankshaft | 1 | |
| 16 | FB108071L | Bolt flange M8 x 35 | 5 | |
| | FB108081L | Bolt flange M8 x 40 | 2 | |
| 17 | FB108201L | Bolt flange M8 x 100 | 2 | |
| 18 | FB108221 | Bolt flange M8 x 110 | 2 | |
| 19 | FB108101 | Bolt flange M8 x 50 | 2 | |
| 20 | FS108251L | Screw flange M8 x 25 | 1 | |
| 21 | ERR1560 | Cover plate | 1 | |
| 22 | ERR1561 | Gasket cover plate | 1 | |
| 23 | FS108121 | Screw flange M8 x 12 | 3 | |
| 24 | ERR4120 | Gasket cover plate | 1 | |
| 25 | TE108061L | Stud | 3 | |
| 26 | TE110051L | Stud | 1 | |
| 27 | ERR3286 | Dowel front cover | 2 | |
| 28 | ERR2344 | Joint washer | 1 | |
| 29 | ERR4824 | Clip hose | 2 | |




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**Page** ADBNEC1A

**ENGINE - TIMING BELT - 300 TDI**

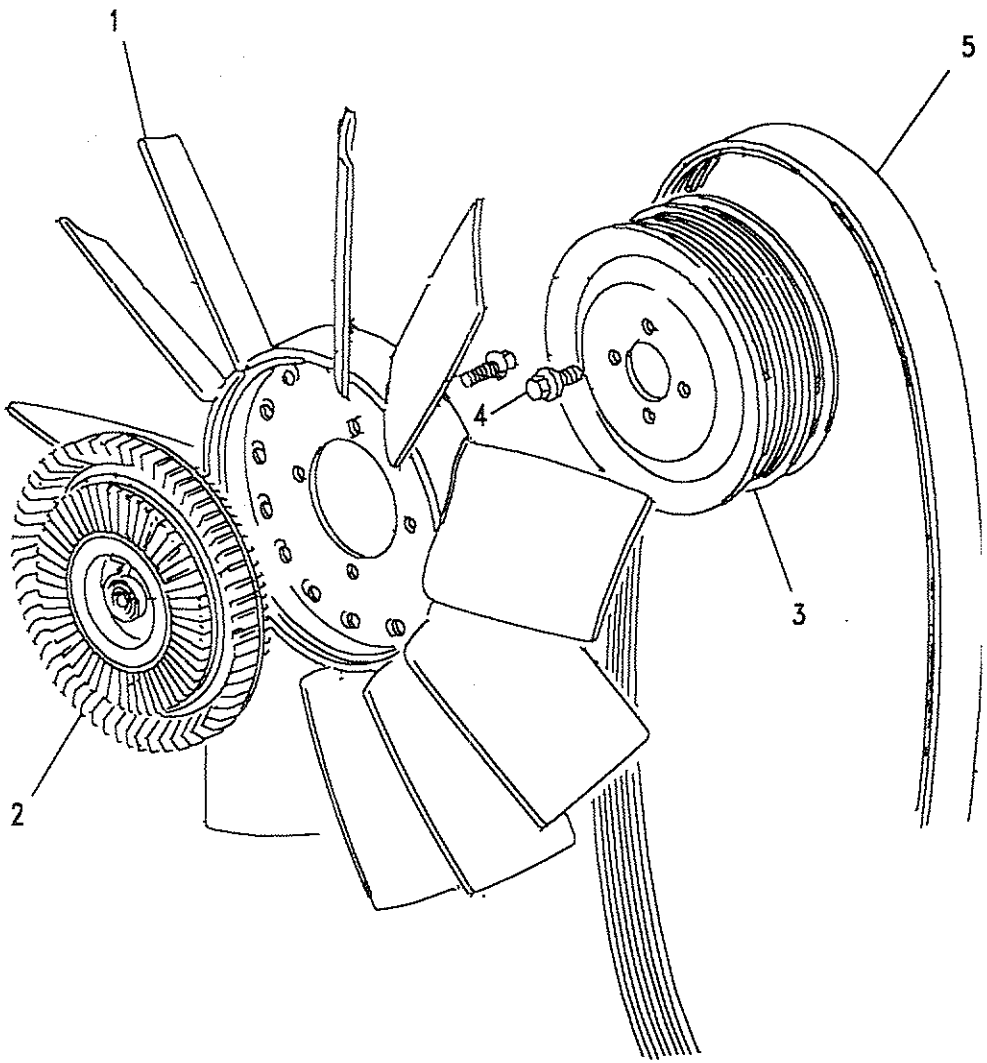
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR1092 | Belt timing | 1 | |
| 2 | ERR1972 | Pulley tensioner | 1 | |
| 3 | ERR900 | Washer packing | 1 | |
| 4 | FB110131 | Bolt flanged | 1 | |
| 5 | FN110041 | Nut flanged | 1 | |
| 6 | ETC8560 | Idler static- timing belt | 1 | |
| 7 | ERR1973 | Washer spacing | 1 | |




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## ENGINE - WATER PUMP - 300TDI

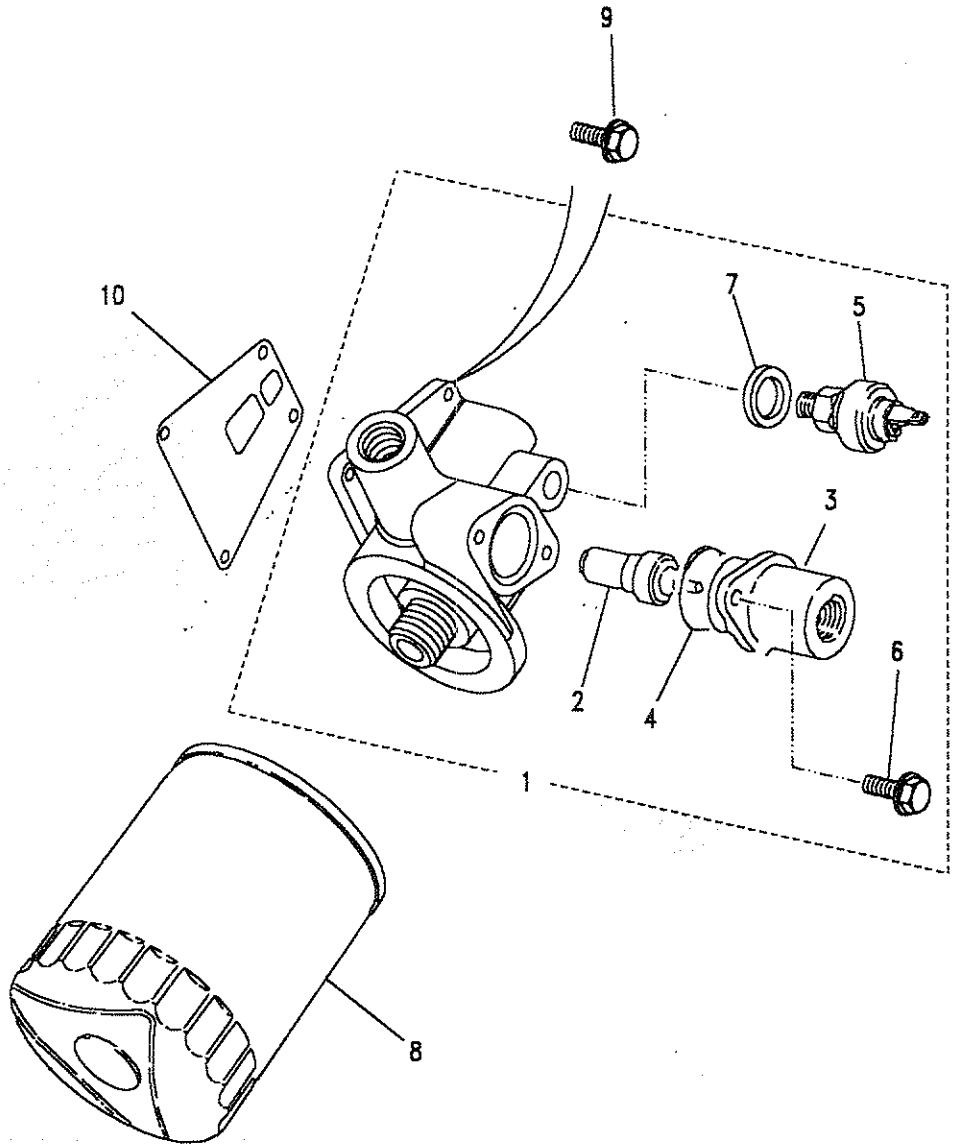
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC1086 | Pump water | 1 | |
| 2 | ERR3284 | Gasket | 1 | |
| 3 | FS108301 | Screw flange | 5 | |
| 4 | ERR3622 | Pipe stub | 1 | |
| 5 | ERR3736 | Bracket mounting | 1 | |
| 6 | FB108241 | Bolt flange pump to brkt | 3 | |
| 7 | ERR5259 | Bracket bypass hose | 1 | |
| | ERR5099 | Hose by pass | 1 | |
| 8 | TE110151 | Stud | 1 | |
| 9 | ERR4708 | Tensioner auxiliary | 1 | |
| 10 | FN110041 | Nut flange | 1 | |
| 11 | ERR2378 | Gasket water in to block | 1 | |
| 12 | ERR4404 | Stud | 1 | |
| 13 | FB108131 | Bolt flange | 1 | |
| 14 | FB108261 | Bolt flange | 1 | |
| 15 | FX108041 | Nut flange | 2 | |
| 16 | ERR3734 | Pulley water pump | 1 | |
| 17 | FS108121 | Screw flange | 3 | |




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**ENGINE - COOLING FAN - 300TDI**

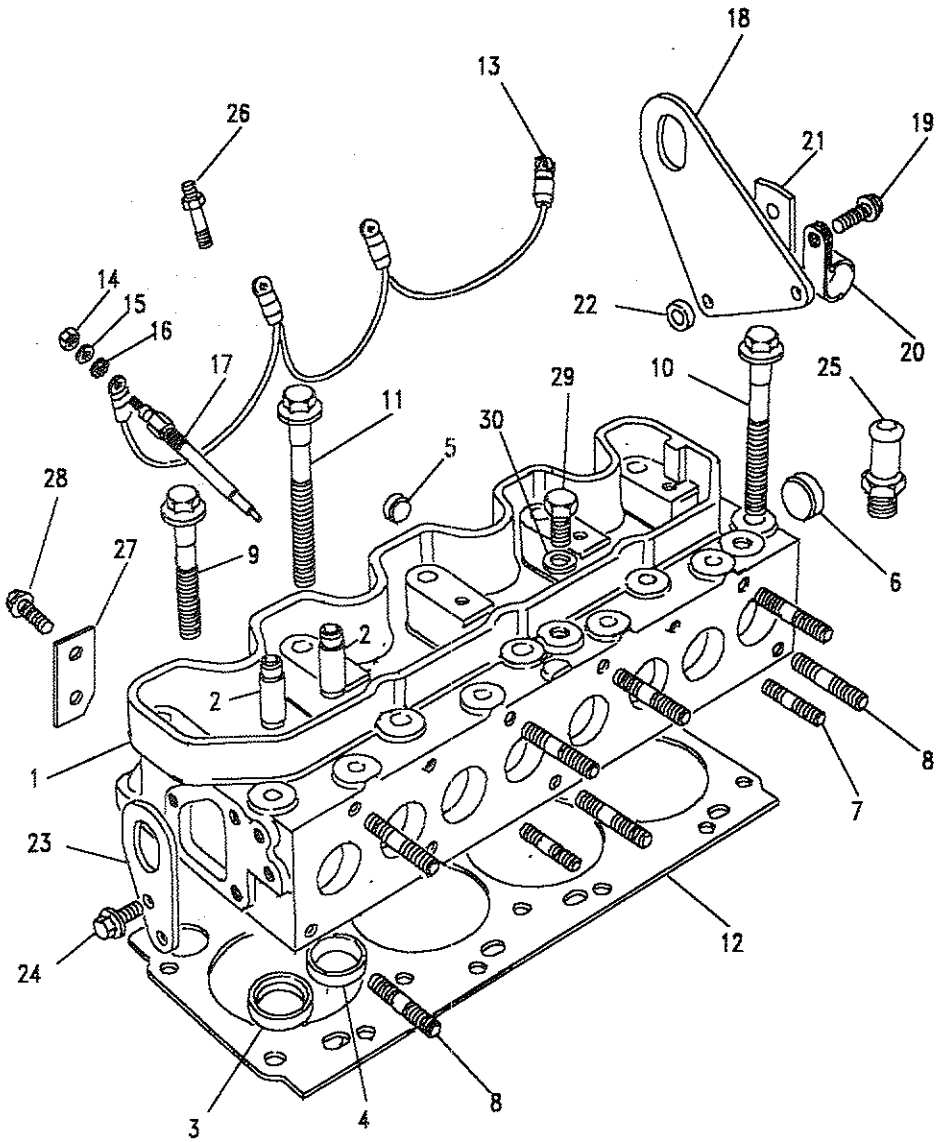
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR2789 | Fan blade | 1 | |
| 2 | ERR2266 | Viscous unit | 1 | |
| 3 | ERR3735 | Pulley fan | 1 | |
| 4 | FS108121 | Screw flange | 4 | |
| 5 | ERR3287 | Belt | 1 | |




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**Page** ADBNFC1A

**ENGINE - OIL FILTER - 300TDI**

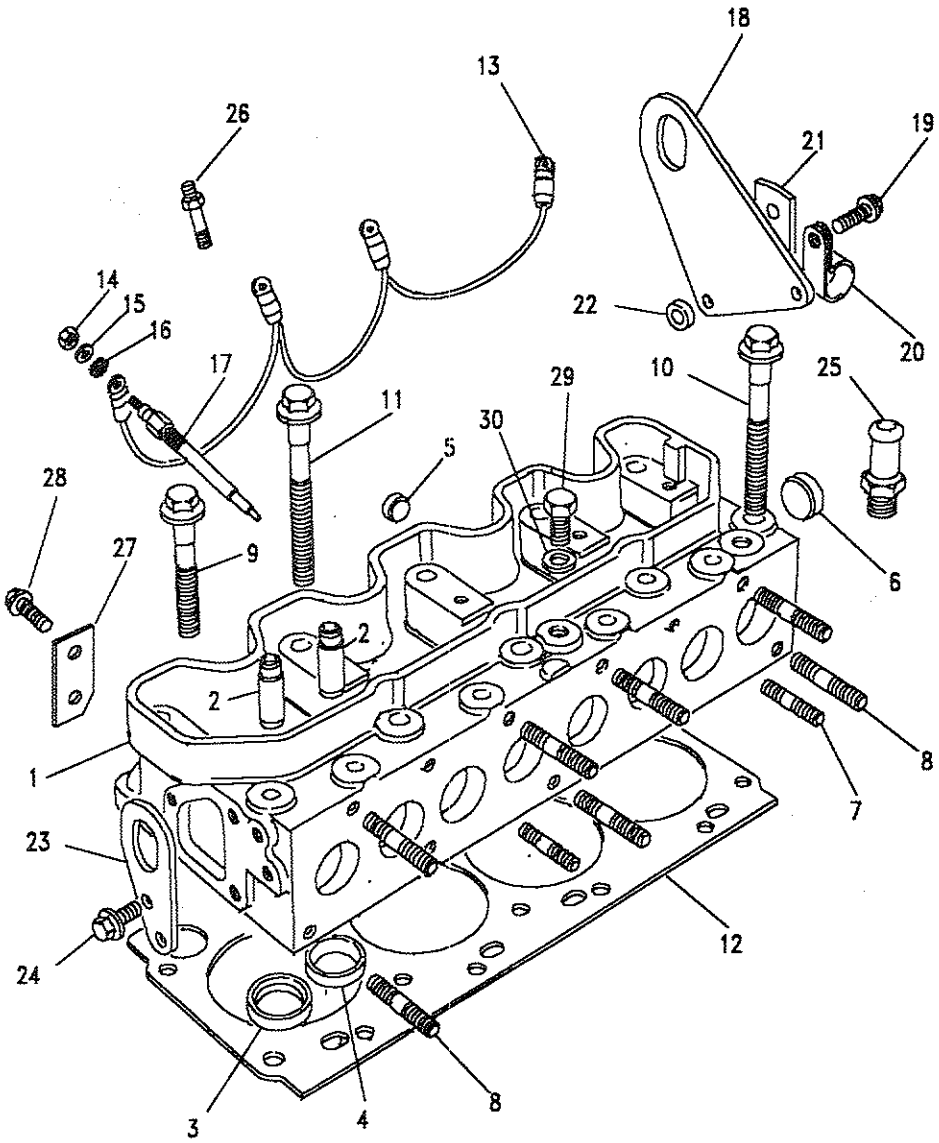
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR2317 | Adaptor assy oil filter | 1 | |
| 2 | ERC5923 | Bulb thermostat | 1 | |
| 3 | ERR2241 | Adaptor | 1 | |
| 4 | ERC5913 | O Ring | 1 | |
| 5 | PRC6387 | Switch oil pressure | 1 | |
| 6 | FS106167 | Screw flange | 2 | |
| 7 | AFU1887L | Washer joint | 1 | |
| 8 | ERR3340 | Element oil filter | 1 | |
| 9 | FS110301 | Screw flange | 4 | |
| 10 | ERR3283 | Gasket | 1 | |




**Model** DEFENDER 90
**Page** ADBNGA1A

**ENGINE - CYLINDER HEAD - 300TDI**

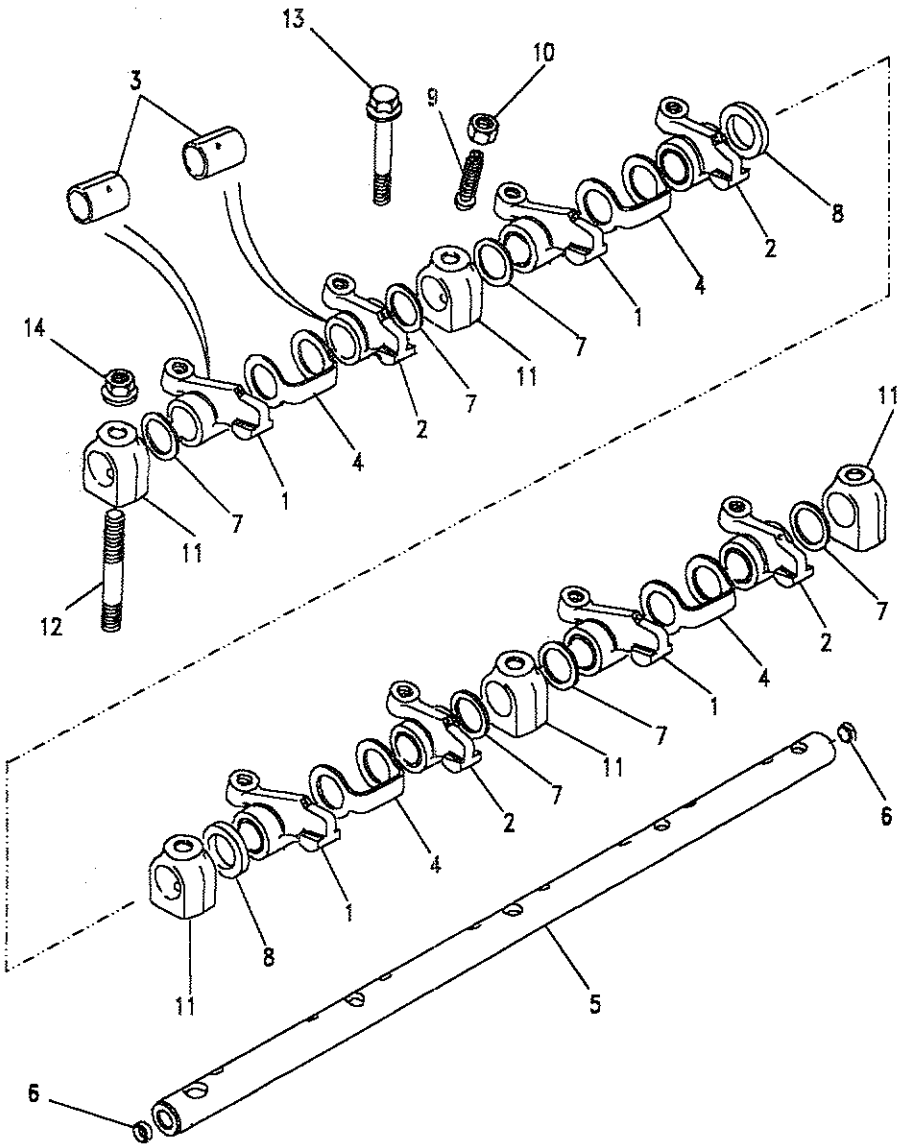
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR5027 | Cylinder head assembly | 1 | |
| 2 | ETC8003 | Guide valve | 8 | |
| 3 | ETC8001 | Insert valve seat inlet | 4 | |
| 4 | ERR3753 | Insert valve seat exh | 4 | |
| 5 | 525497 | Plug cup | 1 | |
| 6 | 524765 | Plug cup | 1 | |
| 7 | TE108051L | Stud M8 x 25 | 2 | |
| 8 | TE110071 | Stud M10 x 35 | 10 | |
| 9 | ETC8808 | Bolt fixing cyl head | 4 | |
| 10 | ERR1939 | Bolt fixing cyl head | 10 | |
| 11 | ETC8810 | Bolt fixing cyl head | 4 | |
| | **Gasket - Cylinder head - Selective** | | | |
| 12 | ERR4537 | 1.3mm | A/R | |
| | ERR4538 | 1.4mm | A/R | |
| | ERR4539 | 1.5mm | A/R | |
| 13 | AMR2425 | Cable assembly glow plugs | 1 | |
| 14 | NH104041L | Nut | 4 | |
| 15 | WA104001L | Washer | 4 | |
| 16 | WE104001L | Washer | 4 | |
| 17 | ETC8847 | Glow plug | 4 | |




**Model** DEFENDER 90
**Page** ADBNGA1A

**ENGINE - CYLINDER HEAD - 300TDI**

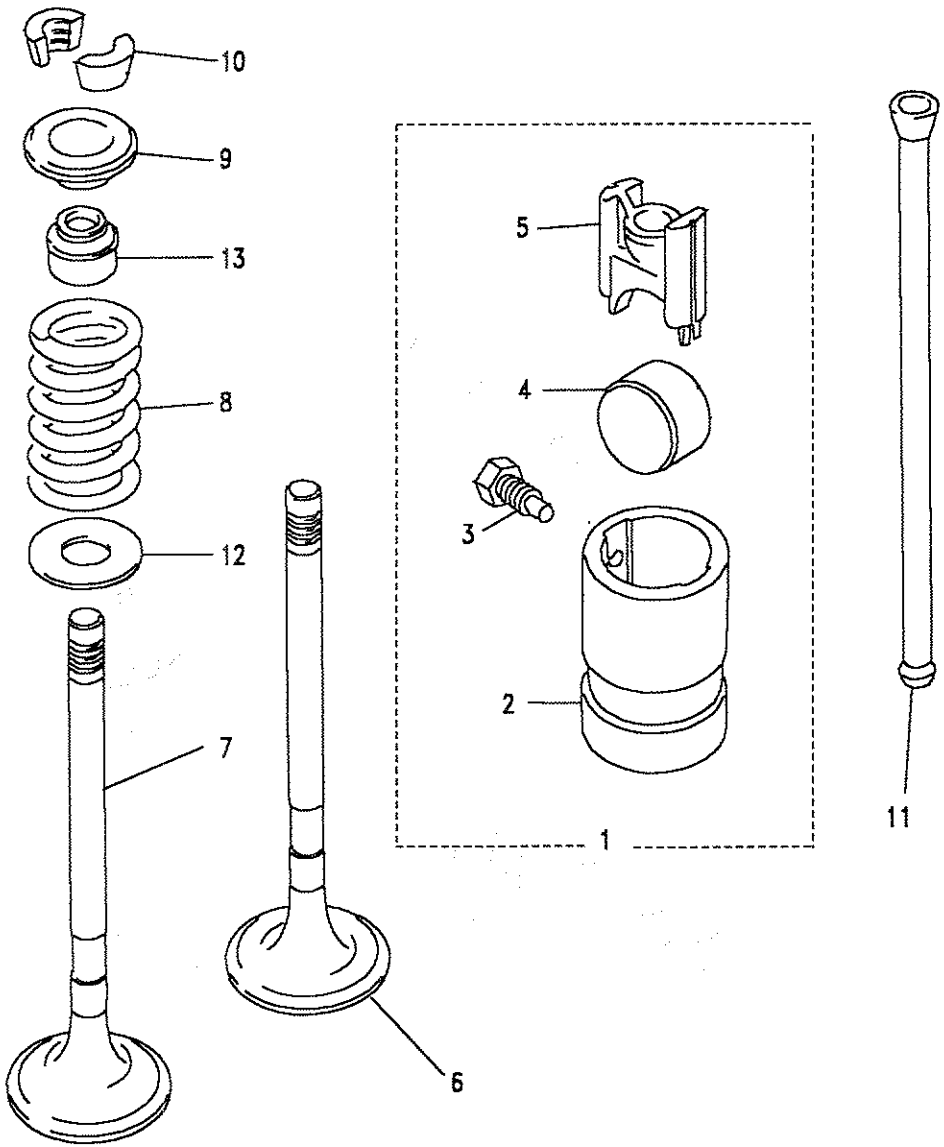
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | ETC8036 | Bracket lifting rear | 1 | |
| 19 | FS108251L | Screw flange M8 x 25 | 2 | |
| 20 | CP108251 | P Clip | 1 | |
| 21 | PRC2979 | Bracket harness | 1 | |
| 22 | 390939 | Spacer | 1 | |
| 23 | ETC8031 | Bracket lifting front | 1 | |
| 24 | FS108201 | Screw flange | 2 | |
| 25 | 624091 | Adaptor | 1 | |
| 26 | ERR1019 | Stud injector clamp | 4 | |
| 27 | ERC9404 | Bracket retaining | 1 | |
| 28 | FS108161L | Screw flange | 1 | |
| 29 | ETC5577 | Plug | 1 | |
| 30 | FRC4808 | Washer joint | 1 | |




**Model** DEFENDER 90
**Page** ADBNGC1A

**ENGINE - ROCKER SHAFT - 300TDI**

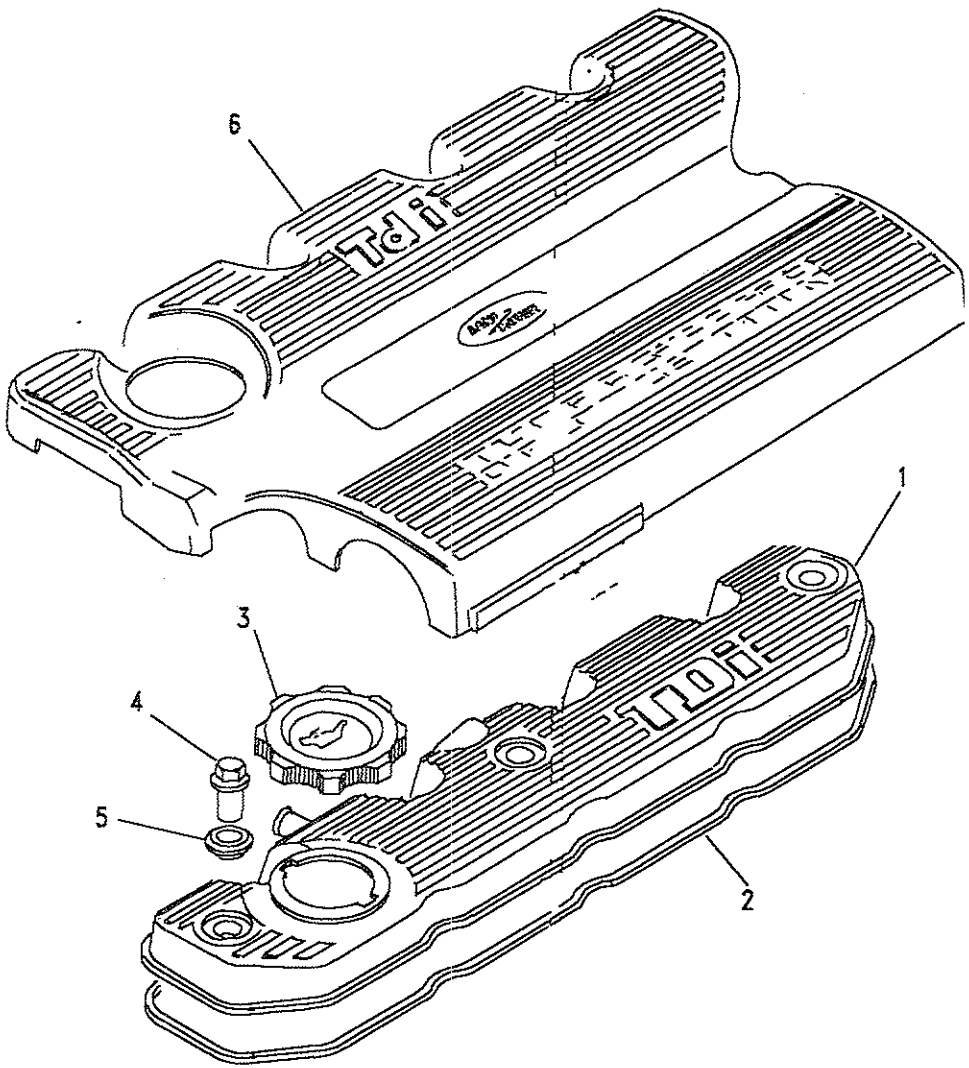
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR3343 | Rocker arm assembly RH | 4 | |
| 2 | ERR3342 | Rocker arm assembly LH | 4 | |
| 3 | ERR1203 | Bush | 8 | |
| 4 | ERR2405 | Spring | 4 | |
| 5 | ERR4848 | Shaft rocker assembly | 1 | |
| 6 | ERR3457 | Cup plug | 2 | |
| 7 | ERR1209 | Spacer | 6 | |
| 8 | ERR2732 | Spacer | 2 | |
| 9 | ERR4883 | Screw tappet adjusting | 8 | |
| 10 | ERR560 | Nut locker | 8 | |
| 11 | ERR3779 | Clamp rocker shaft | 5 | |
| 12 | ERR4687 | Stud rocker shaft | 3 | |
| 13 | FB108101 | Bolt flange | 2 | |
| 14 | FN108041 | Nut flange | 3 | |




**Model** DEFENDER 90
**Page** ADBNGE1A

## ENGINE - VALVES AND TAPPETS - 300TDI

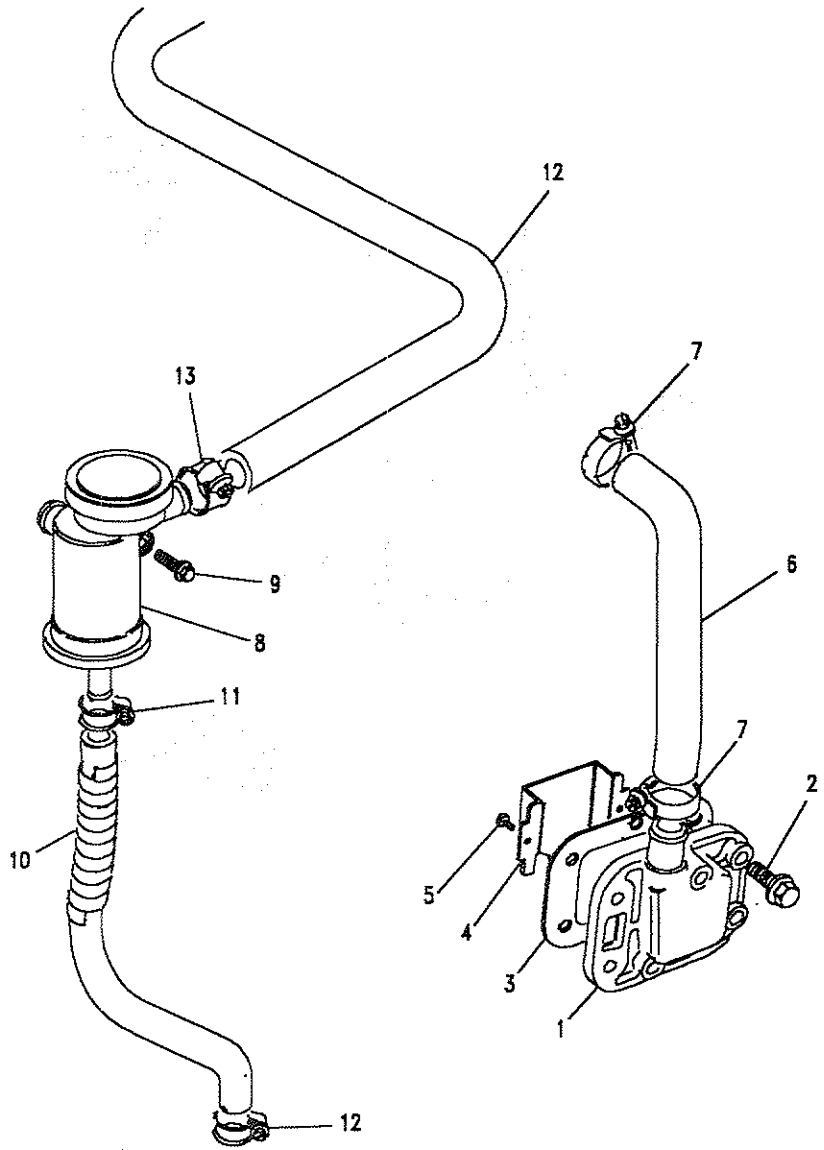
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6564 | Tappet assembly | 8 | |
| 2 | 502473 | Guide | 8 | |
| 3 | ETC4246 | Set bolt | 8 | |
| 4 | ERR561 | Washer tappet guide | 8 | |
| 5 | ERR607 | Tappet slide | 8 | |
| 6 | ERR3777 | Valve inlet | 4 | |
| 7 | ERR1156 | Valve exhaust | 4 | |
| 8 | ERR4640 | Spring valve | 8 | |
| 9 | ETC4068 | Cup valve spring | 8 | |
| 10 | ETC4069 | Cotter valve spring | 16 | |
| 11 | 546799 | Push rod | 8 | |
| 12 | ETC8193 | Seat valve spring | 8 | |
| 13 | ETC8663 | Seal valve stem | 8 | |
| 14 | ERR4175 | Cap valve stem protection | 8 | |




**Model** DEFENDER 90
**Page** ADBNGG1A

**ENGINE - ROCKER COVER - 300TDI**

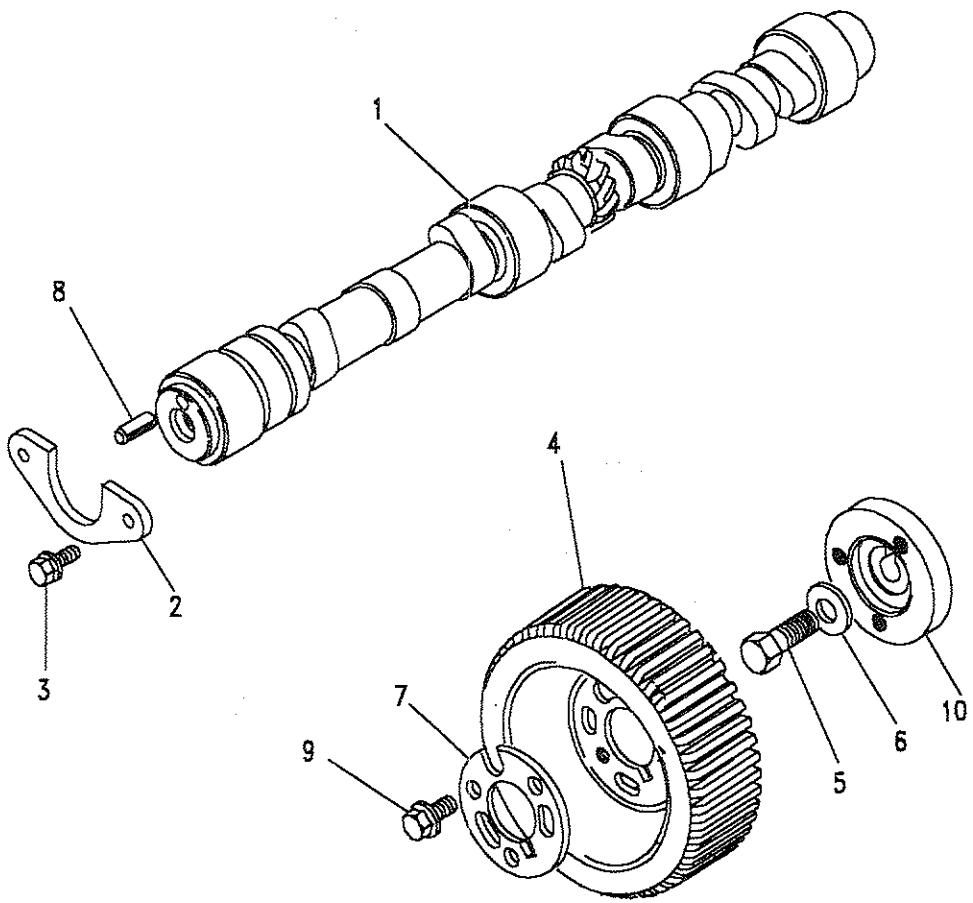
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4691 | Rocker cover | 1 | |
| 2 | ERR2409 | Gasket rocker cover | 1 | |
| 3 | ERR5041 | Cap oil filler | 1 | |
| 4 | ERR4834 | Screw | 3 | |
| 5 | ERR3424 | Washer sealing | 3 | |
| 6 | ERR4632 | Cover NVH engine top | 1 | |




**Model** DEFENDER 90
**Page** ADBNGG2A

## ENGINE - CYCLONE BREATHER - 300TDI

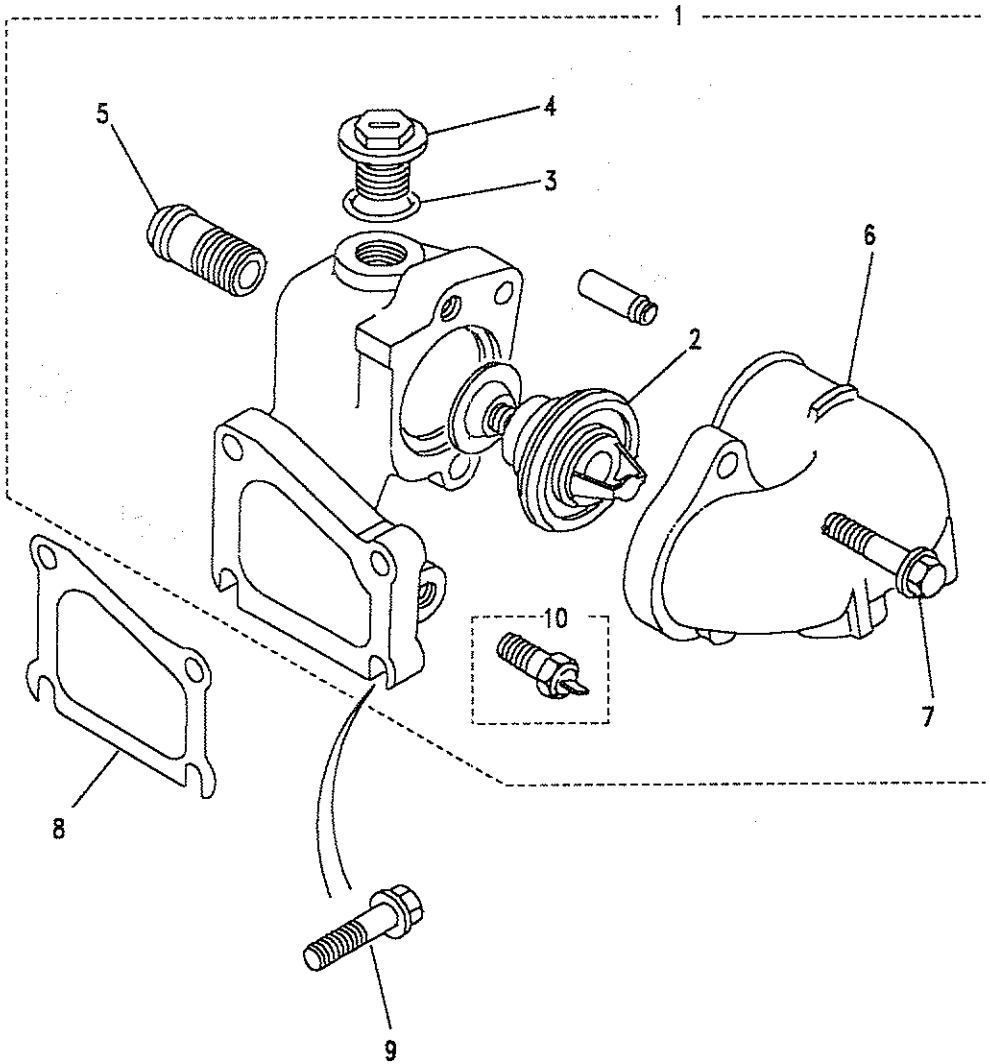
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4706 | Cover side breather | 1 | |
| 2 | FS108251L | Screw flange M8 x 25 | 3 | |
| 3 | ERR2026 | Gasket side cover | 1 | |
| 4 | ERR874 | Baffle plate | 1 | |
| 5 | 79027 | Screw | 1 | |
| 6 | ERR3084 | Hose side to rocker cover | 1 | |
| 7 | CN100258 | Clip hose | 2 | |
| 8 | ERR1471 | Breather cyclone | 1 | |
| 9 | FB106111L | Bolt flange | 1 | |
| 10 | ERR1351 | Hose cyclone oil drain | 1 | |
| 11 | CN100208L | Clip hose | 2 | |
| 12 | ERR4926 | Hose cyclone to a/cleaner | 1 | |
| 13 | CN100258 | Clip hose | 2 | |




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**ENGINE - CAMSHAFT - 300TDI**

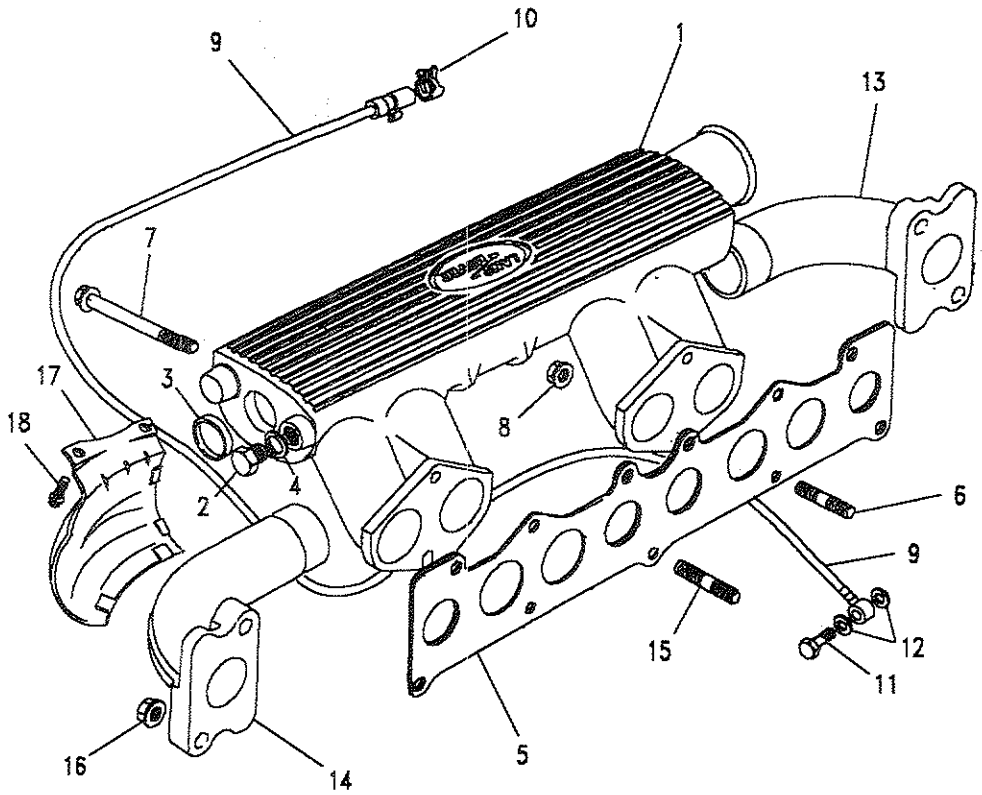
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR3547 | Camshaft | 1 | |
| 2 | ERR3754 | Plate thrust camshaft | 1 | |
| 3 | FS106167 | Screw flange | 2 | |
| 4 | ERR3545 | Pulley timing belt | 1 | |
| 5 | BX112091 | Bolt | 1 | |
| 6 | BDU1496 | Washer | 1 | |
| 7 | ERR2216 | Plate retaining | 1 | |
| 8 | ERR4709 | Dowel camshaft | 1 | |
| 9 | FS108161L | Screw flange | 3 | |
| 10 | ERR3756 | Hub camshaft pulley | 1 | |




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**Page** ADBNGK1A

## ENGINE - THERMOSTAT - 300TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR3479 | Housing thermostat | 1 | |
| | ERR5098 | Housing thermostat | 1 | Air con |
| 2 | ERR3291 | Thermostat | 1 | |
| 3 | ERR4685 | O Ring | 1 | |
| 4 | ERR4686 | Plug coolant filler | 1 | |
| 5 | ERR3622 | Pipe stub | 1 | |
| 6 | ERR3737 | Connection water outlet | 1 | |
| | ERR3738 | Connection water outlet | 1 | Air con |
| 7 | FS108251L | Screw flange M8 x 25 | 2 | |
| 8 | ERR3490 | Gasket outlet to housing | 1 | |
| 9 | FS108251L | Screw flange M8 x 25 | 4 | |
| 10 | AMR3321 | Sender temperature | 1 | |

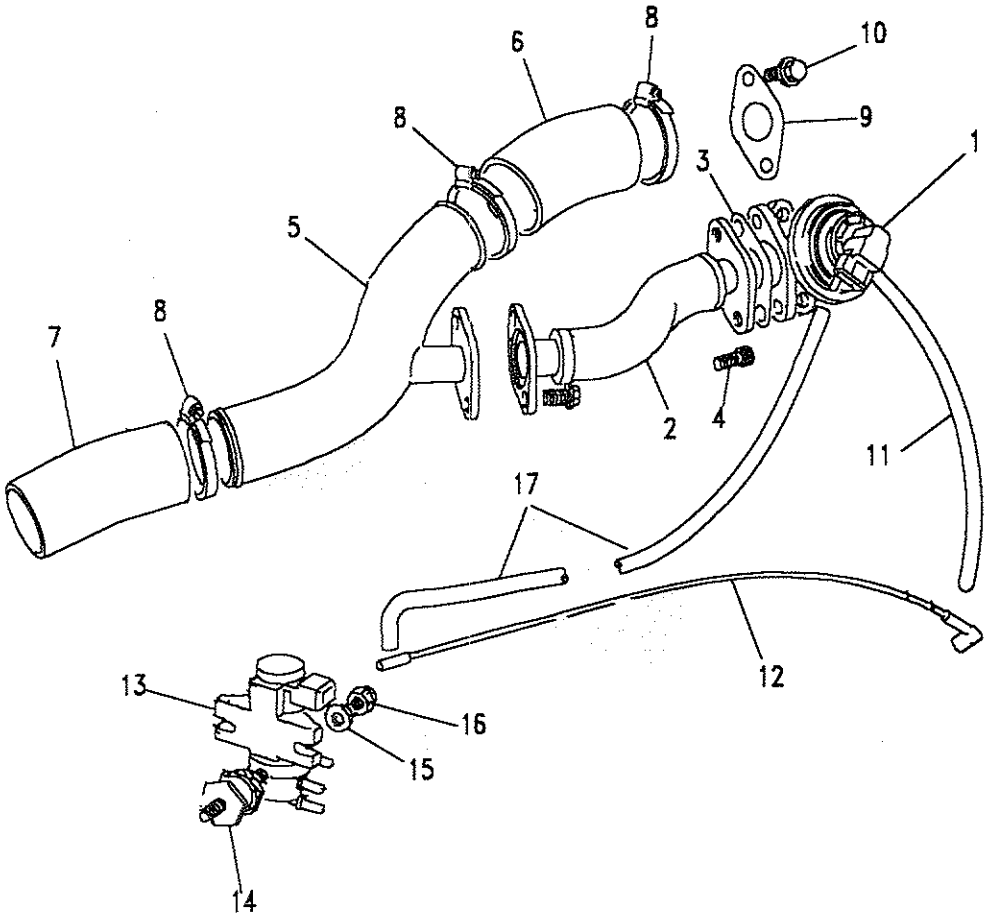



**Model** DEFENDER 90
**Page** ADBNHA1A

## ENGINE - MANIFOLDS - 300 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR3481 | Manifold inlet | 1 | |
| 2 | ETC5577 | Drain plug | 1 | |
| 3 | 524765 | Cup plug | 1 | |
| 4 | ERR894 | Washer joint | 1 | |
| 5 | ERR3785 | Gasket manifold to head | 1 | |
| 6 | TE108051L | Stud | 2 | |
| 7 | FB108171 | Bolt flange | 2 | |
| 8 | FN108041 | Nut flange | 2 | |
| 9 | ERR4699 | Boost pipe assembly | 1 | |
| 10 | UKC3803L | Hose clamp | 1 | |
| 11 | ERR886 | Banjo bolt boost capsule | 1 | |
| 12 | 273069 | Washer joint | 2 | |
| 13 | NSS | Manifold exhaust LH | 1 | Note(1) |
| 14 | NSS | Manifold exhaust RH | 1 | Note(1) |
| 15 | TE110071 | Stud M10 x 35 | 7 | |
| 16 | FX110041 | Nut flange | 7 | |
| 17 | ESR2422 | Heatshield exh manifold | 1 | |
| 18 | FS105107 | Screw flange | 2 | |

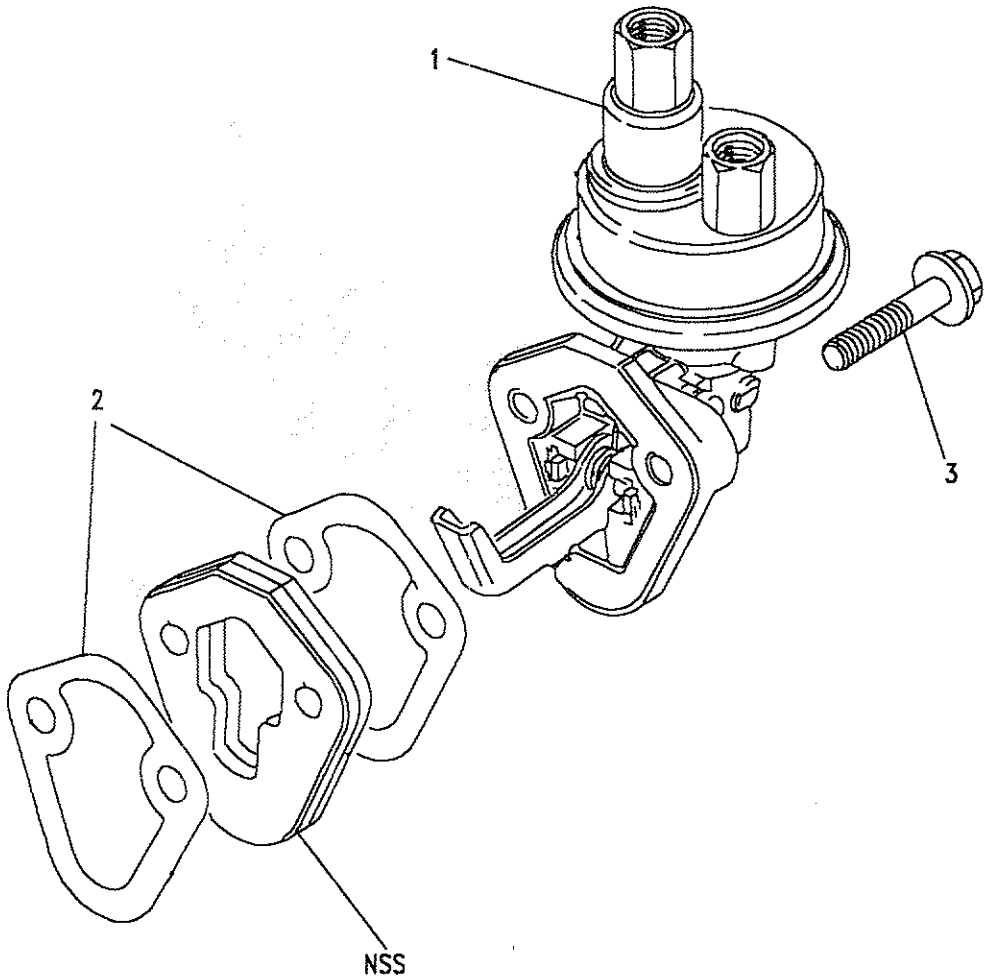
Note(1) Supplied as part of the Turbocharger assembly




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**ENGINE - EXHAUST GAS RECIRCULATING - 300TDI**

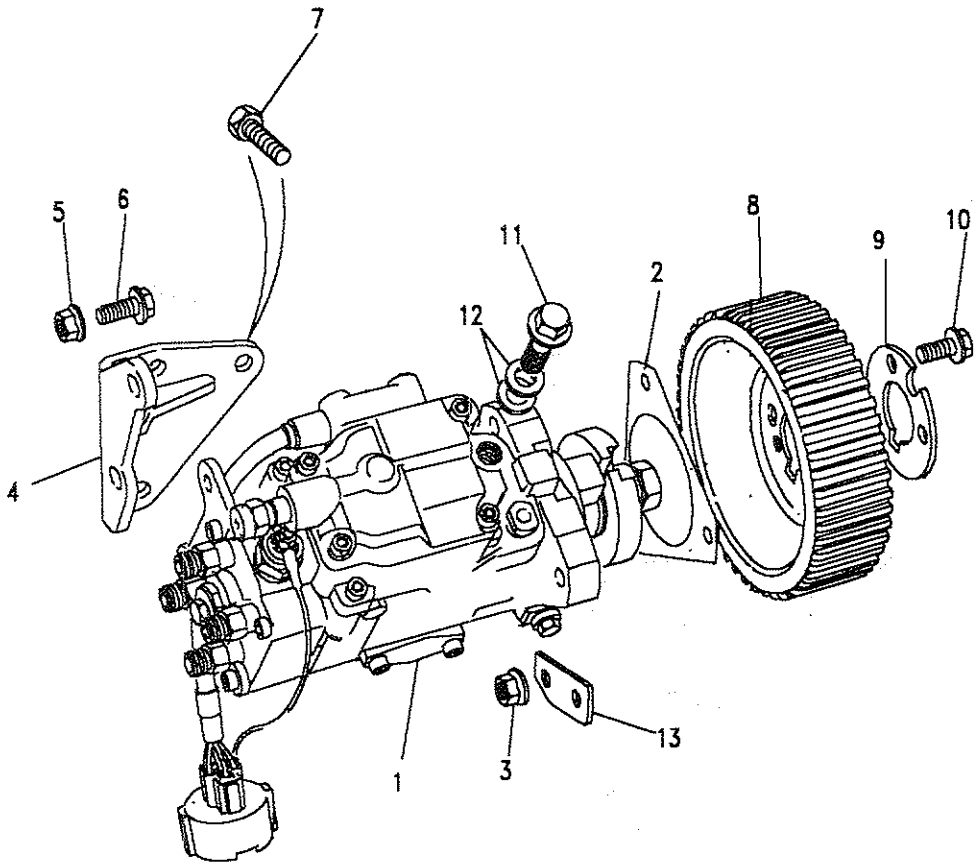
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4047 | Valve egr | 1 | |
| 2 | ERR3583 | Tube delivery egr | 1 | |
| 3 | ERR3319 | Gasket EGR pipe to valve | 1 | |
| 4 | SS108201 | Screw socket | 2 | |
| 5 | ERR3579 | Tube egr mixing | 1 | |
| 6 | ERR3580 | Hose intercooler egr tube | 1 | |
| 7 | ERR3581 | Hose egr tube to in man | 1 | |
| 8 | PYC101120 | Clip hose | 2 | |
| 9 | ERR3791 | Gasket egr to inlet man | 1 | |
| 10 | FS108201L | Screw flanged | 2 | |
| 11 | ESR3308 | Pipe sol to EGR valve | 1 | |
| 12 | ERR4862 | Hose to air cleaner | 1 | |
| 13 | ERR3314 | Modulator EGR valve | 1 | |
| 14 | ERR2337 | Mounting flexible | 2 | |
| 15 | NY106041L | Nut nyloc | 2 | |
| 16 | WA106001L | Washer plain M6 | 2 | |
| 17 | ERR5055 | Pipe EGR vlv to modulator | 1 | |




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**Page** ADBNKA1A

**ENGINE - FUEL LIFT PUMP - 300TDI**

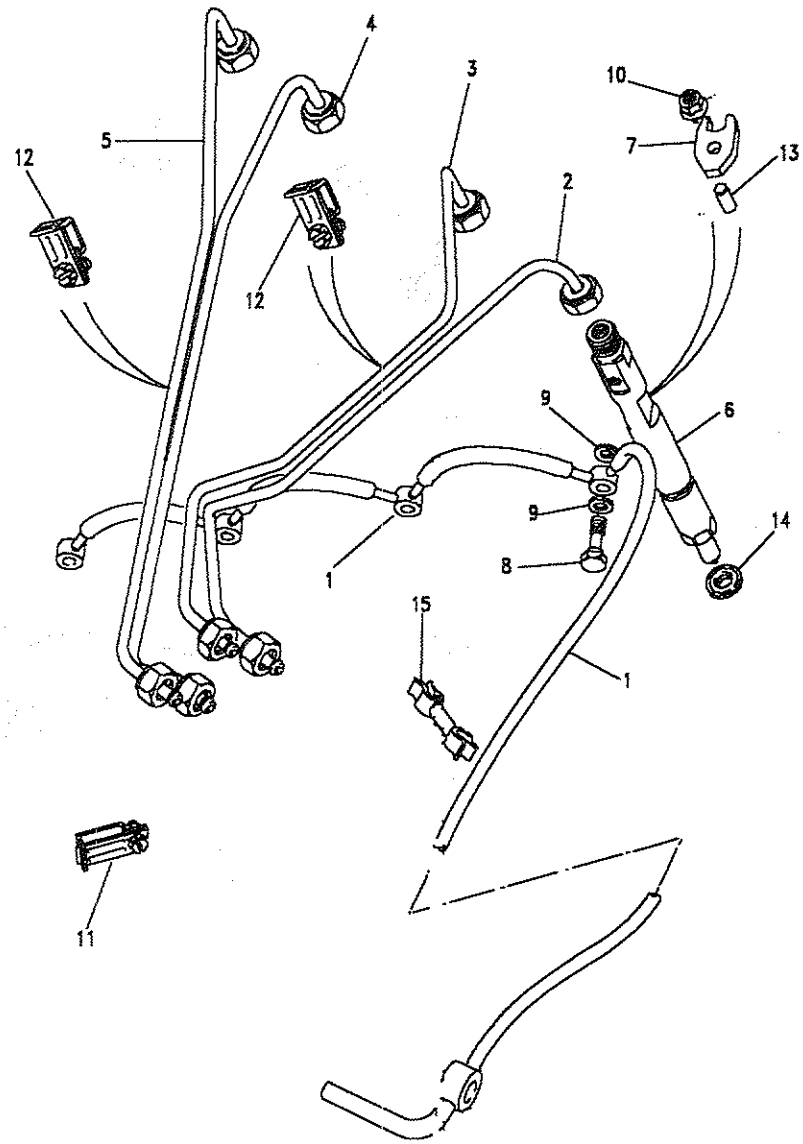
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR5057 | Pump fuel | 1 | |
| 2 | ERR2028 | Gasket pump to side cover | 1 | |
| 3 | FS108301 | Screw flange | 2 | |




**Model** DEFENDER 90
**Page** ADBNKC1A

## ENGINE - INJECTION PUMP - 300TDI

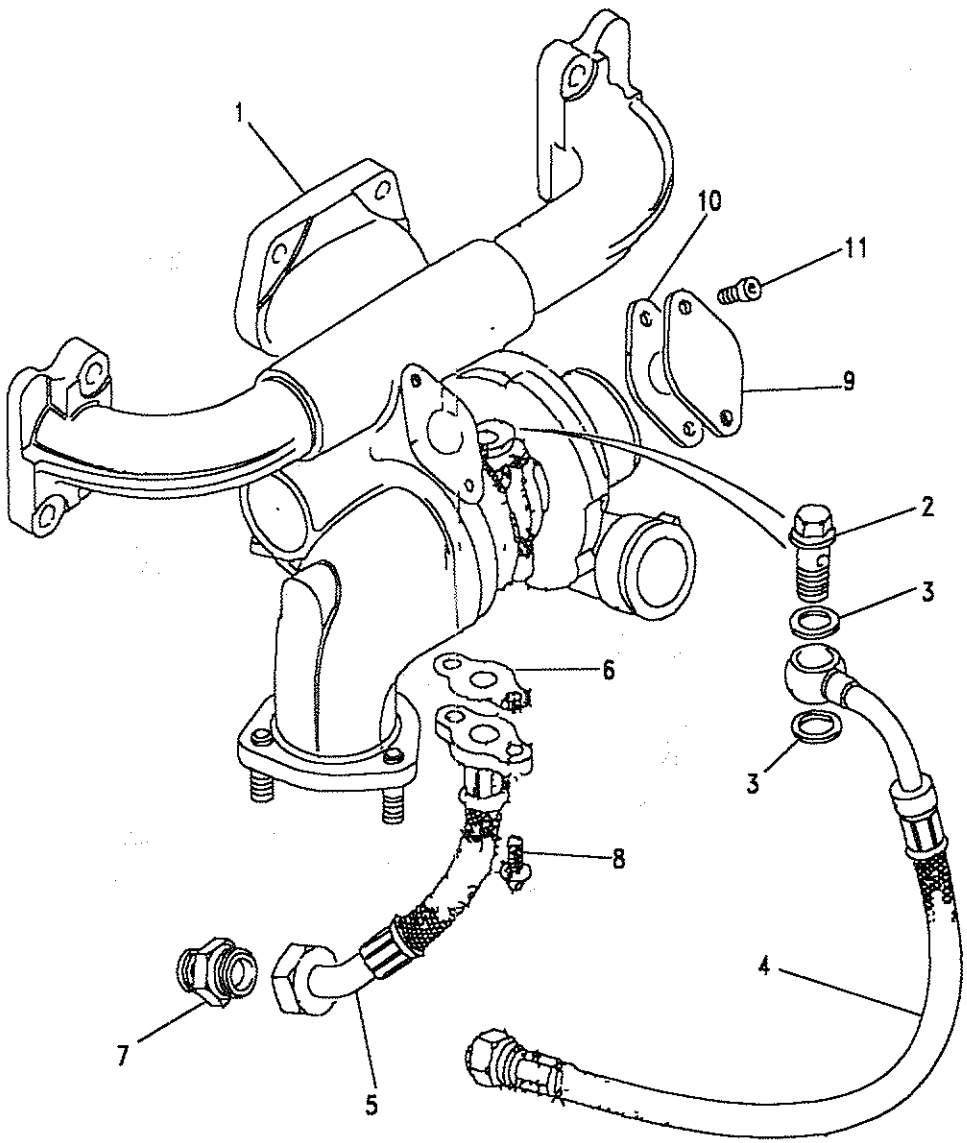
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4419 | Pump fuel injection | 1 | |
| | RTC6702 | Switch fuel cut off | 1 | |
| 2 | ERR2023 | Gasket | 1 | |
| 3 | FN108041 | Nut flanged | 3 | |
| 4 | ERR4725 | Bracket FIE | 1 | |
| 5 | FN108041 | Nut flanged | 2 | |
| 6 | FS108201 | Screw flanged | 2 | |
| 7 | FB108101 | Bolt flanged | 3 | |
| 8 | ERR3545 | Pulley | 1 | |
| 9 | ERR2216 | Plate retaining pulley | 1 | |
| 10 | FS108161L | Screw flanged | 3 | |
| 11 | ERR886 | Bolt banjo | 1 | |
| 12 | ERR894 | Washer copper | 2 | |
| 13 | ERC9404 | Bracket | 1 | |




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## ENGINE - INJECTORS AND PIPES - 300 TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR3306 | Spill return assembly | 1 | |
| 2 | STC1694 | Pipe injectors No.1 | 1 | |
| 3 | STC1695 | Pipe injectors No.2 | 1 | |
| 4 | STC1696 | Pipe injectors No.3 | 1 | |
| 5 | STC1697 | Pipe injectors No.4 | 1 | |
| 6 | ERR3339 | Injectors | 4 | |
| 7 | ERR3780 | Clamp injectors | 4 | |
| 8 | ERR1200 | Bolt banjo 6mm | 4 | |
| 9 | 232042 | Washer copper | 8 | |
| 10 | FN108041 | Nut | 4 | |
| 11 | STC1738 | Clip 4 pipes | 2 | |
| 12 | STC1739 | Clip 2 pipes | 2 | |
| 13 | ERR3468 | Pin injector clamp | 4 | |
| 14 | ERR4621 | Washer sealing | 4 | |
| 15 | DCP7384L | Clip pipe | 1 | |

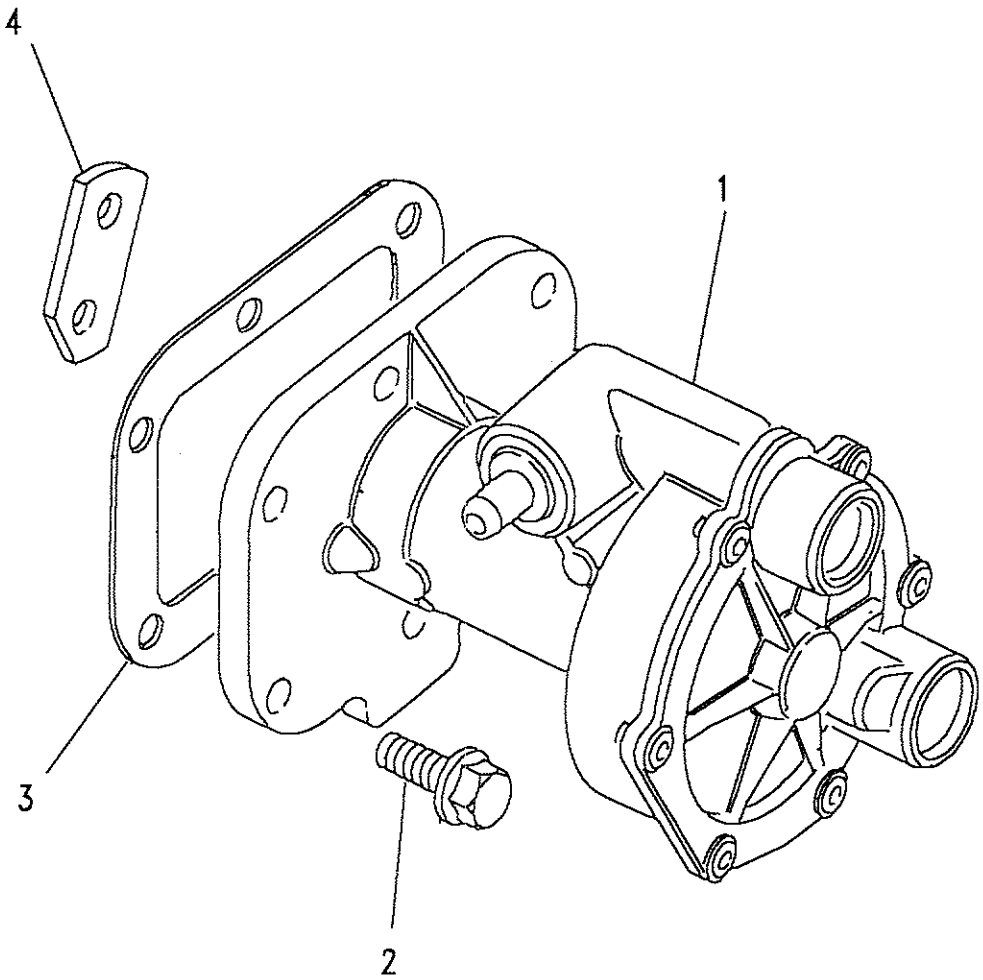



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**Page** ADBNLA1A

**ENGINE - TURBOCHARGER - 300TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4802 | Turbocharger & exh man | 1 | |
| 2 | ERR1125 | Bolt banjo oil feed | 1 | |
| 3 | FRC4808 | Washer joint | 2 | |
| 4 | ERR4894 | Pipe turbo oil feed | 1 | |
| 5 | ERR4895 | Pipe oil drain | 1 | |
| 6 | ERR2109 | Gasket oil drain pipe | 1 | |
| 7 | ERR335 | Adaptor oil drain | 1 | |
| 8 | FS108201L | Screw flange | 2 | |
| 9 | ERR4698 | Plate blanking turbo | 1 | Note(1) |
| 10 | ERR4852 | Gasket blanking plate | 1 | |
| 11 | SS108201 | Screw socket | 2 | |

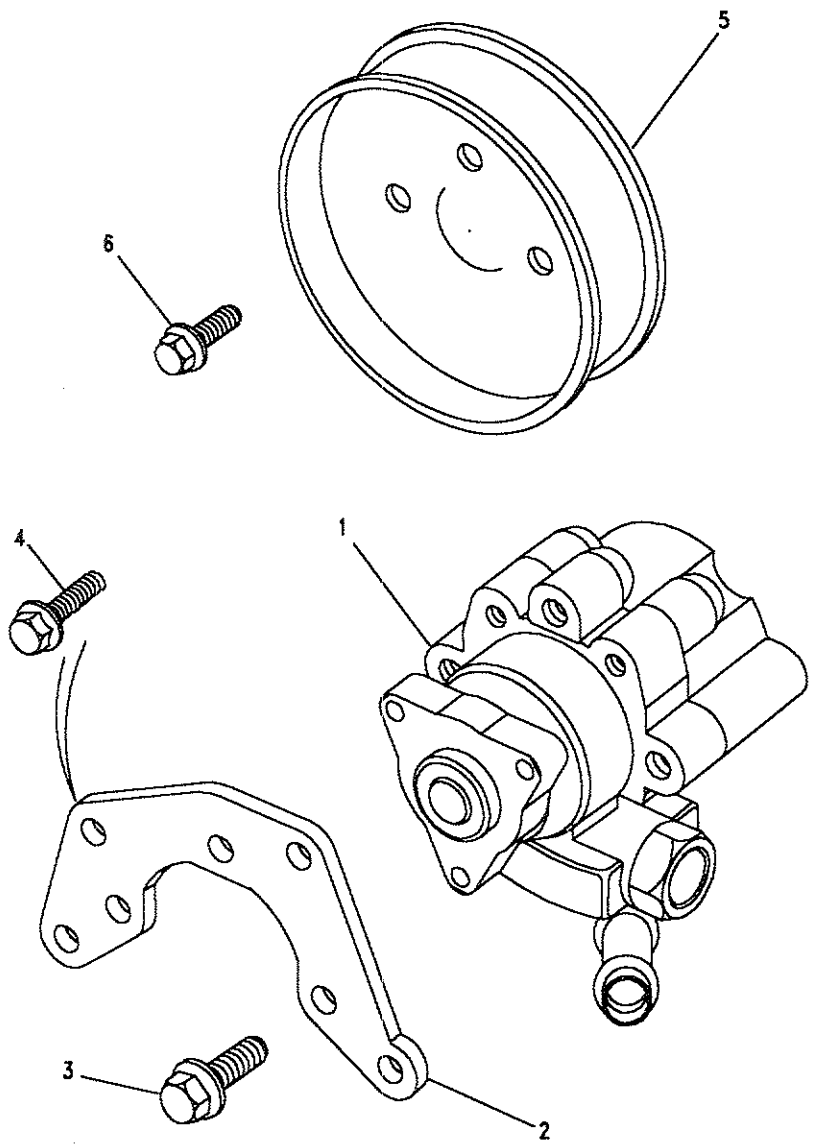
Note(1) Not required when vehicle is fitted with Exhaust Gas Recirculation system




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**ENGINE - VACUUM PUMP - 300 TDI**

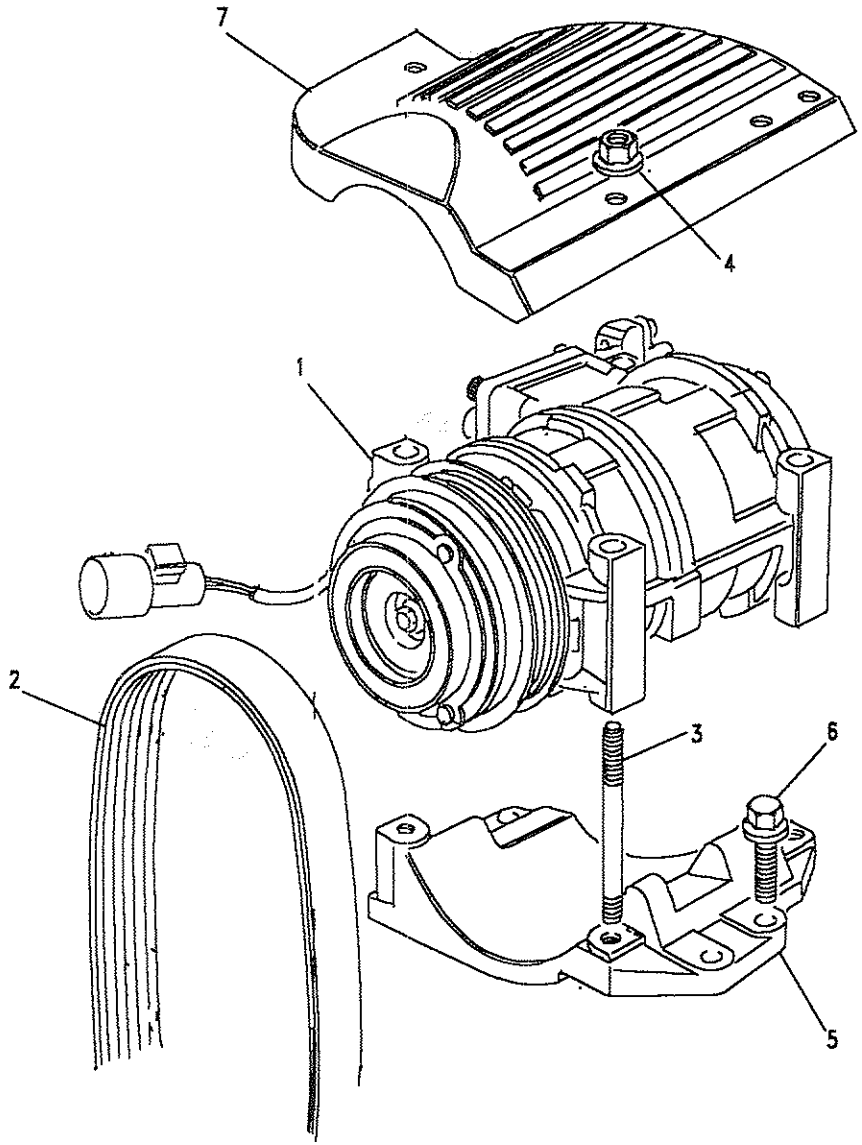
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR3539 | Pump vacuum | 1 | |
| 2 | FS108201 | Screw flange | 5 | |
| 3 | ERR2027 | Gasket vacuum pump | 1 | |
| 4 | ERC9404 | Bracket mounting | 1 | |




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**Page** ADBNNC1A

**ENGINE - POWER STEERING PUMP - 300 TDI**

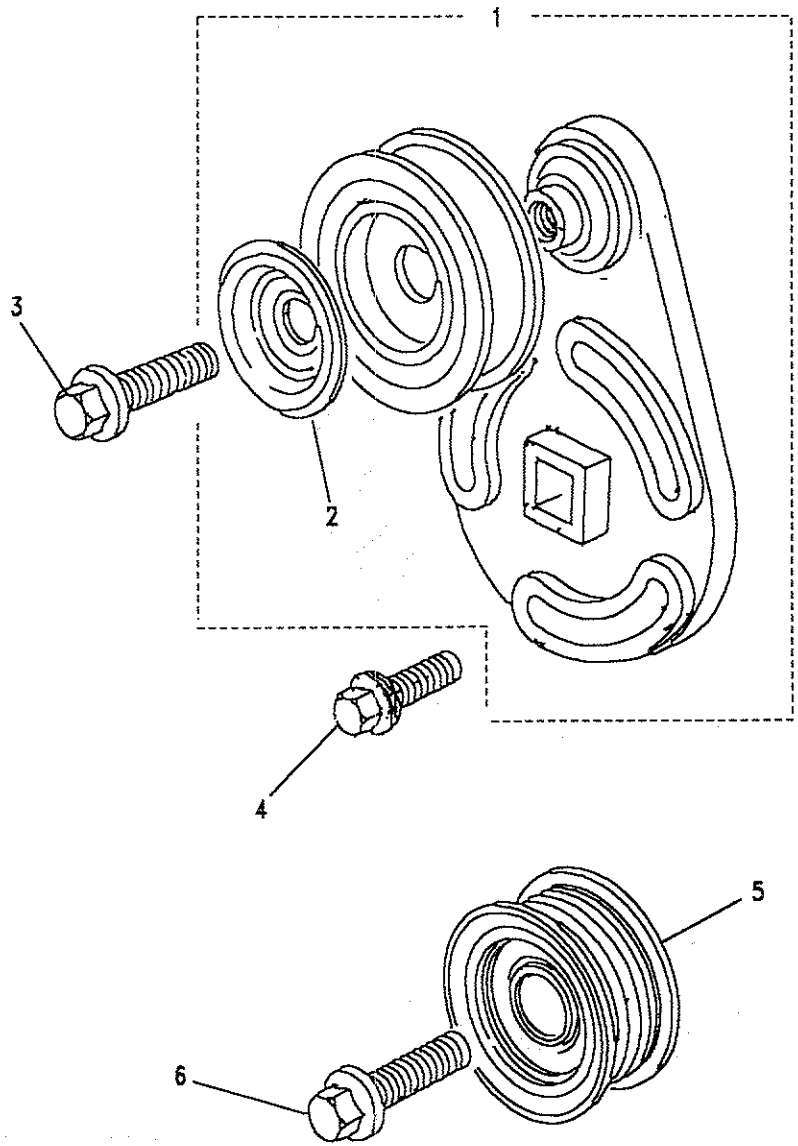
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ANR2157 | Pump power steering | 1 | |
| 2 | ERR2228 | Bracket mounting | 1 | |
| 3 | FS108161L | Screw flange | 3 | |
| 4 | FS108201 | Screw flange | 4 | |
| 5 | ERR3733 | Pulley pump | 1 | |
| 6 | FS108121 | Screw flange | 3 | |




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**Page** ADBNNE1A

**ENGINE - AIR CONDITIONING COMPRESSOR - 300TDI**

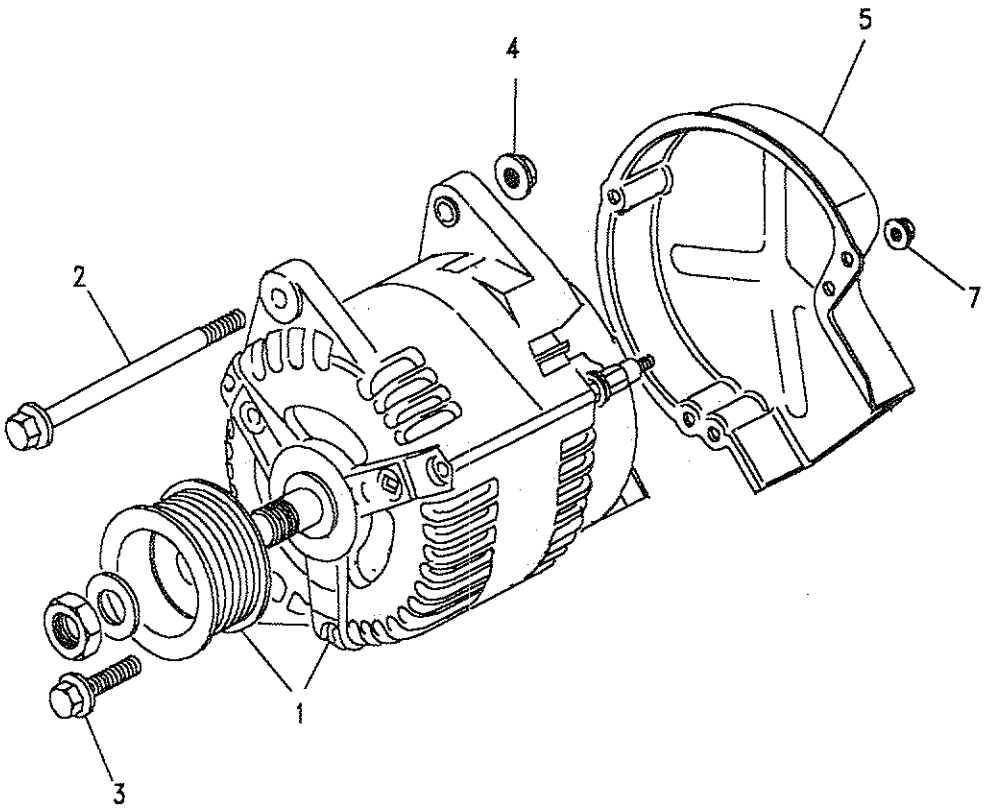
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | BTR8505 | Compressor | 1 | |
| 2 | ERR2215 | Belt driving | 1 | |
| 3 | TE108221 | Stud | 3 | |
| 4 | FN108041L | Nut flanged | 3 | |
| 5 | ERR4638 | Bracket a/con compressor | 1 | |
| 6 | FS110301 | Screw flange | 4 | |
| 7 | ERR4639 | Guard air con belt | 1 | |
| 8 | FN108041L | Nut flanged | 3 | |




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## ENGINE - AIR CONDITIONING IDLERS - 300TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4543 | Tensioner pulley | 1 | |
| 2 | ERR3807 | Dust cover | 1 | |
| 3 | FS110301 | Screw flange | 1 | |
| 4 | FS108251L | Screw flange M8 x 25 | 1 | |
| 5 | ERR2798 | Pulley idler | 1 | |
| 6 | FS110301 | Screw flange | 1 | |



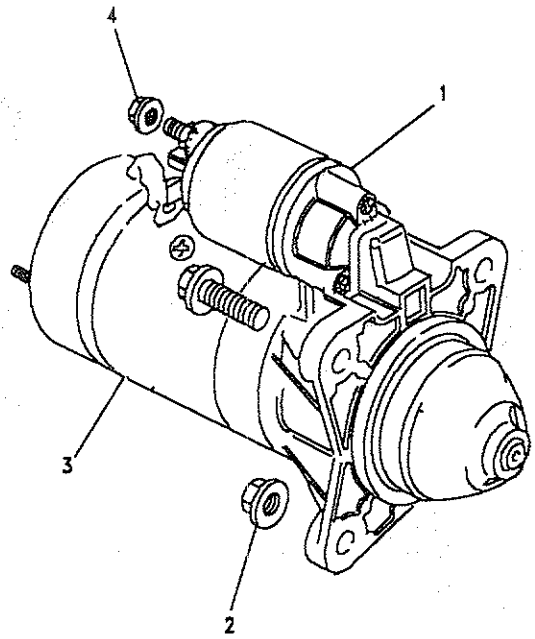

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**ENGINE - ALTERNATOR - 300TDI**

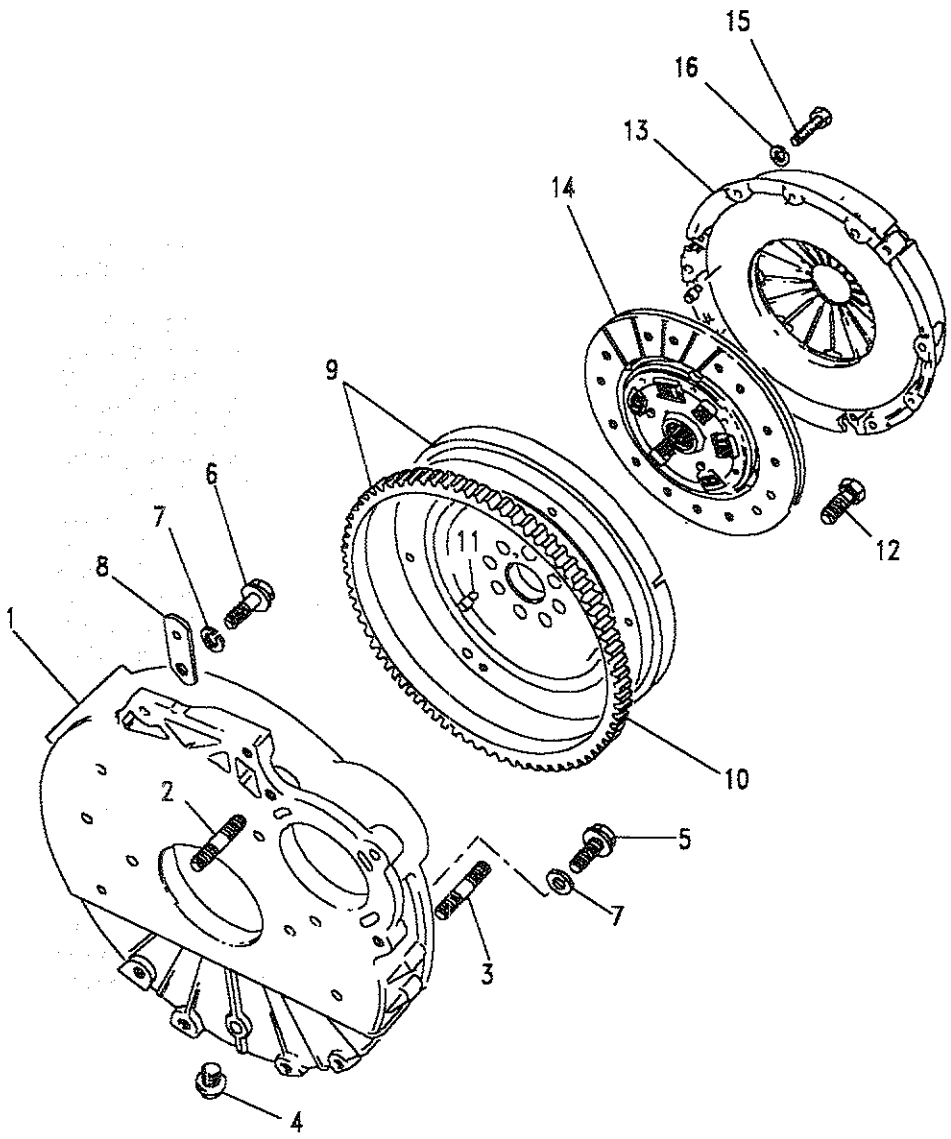
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | AMR3412 | Alternator 65 Amp | 1 | |
| 2 | FB108251 | Bolt flanged | 1 | |
| 3 | FS108301L | Screw flanged | 1 | |
| 4 | FX108047L | Nut flanged | 1 | |
| 5 | ERR4859 | Heatshield alternator | 1 | |
| 6 | AMR2217 | Nut/washer alternator | 3 | |
| 7 | FN105041L | Nut flanged | 1 | |

**Model** DEFENDER 90
**Page** ADBNPE1A

## ENGINE - STARTER MOTOR - 300TDI




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR5009 | Starter motor | 1 | |
| 2 | FN110041L | Nut flanged | 1 | |
| 3 | FS110301L | Screw flanged | 2 | |
| 4 | FN108041L | Nut | 1 | |




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**Page** ADBNRA1A

**ENGINE - FLYWHEEL & CLUTCH - 300 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4718 | Housing flywheel | 1 | |
| 2 | TE110061L | Stud bell housing | 13 | |
| 3 | TE110051 | Stud starter motor | 1 | |
| 4 | ERC7295 | Plug | 1 | |
| 5 | FS110301 | Screw flange | 6 | |
| 6 | FB110071 | Bolt flange | 2 | |
| 7 | WA110061L | Washer-housing to block | 2 | |
| 8 | ERC9404 | Bracket-harness clip | 2 | |
| 9 | ERR719 | Flywheel assembly | 1 | |
| 10 | 568431 | Ring starter | 1 | |
| 11 | 502116 | Dowel | 3 | |
| 12 | ERR4574 | Bolt-flywheel to crank | 8 | |
| 13 | FTC575 | Clutch cover | 1 | |
| 14 | FTC2149 | Clutch plate | 1 | |
| 15 | SX108201L | Screw | 6 | |
| 16 | WL108001L | Washer spring | 6 | |

## MASTER INDEX

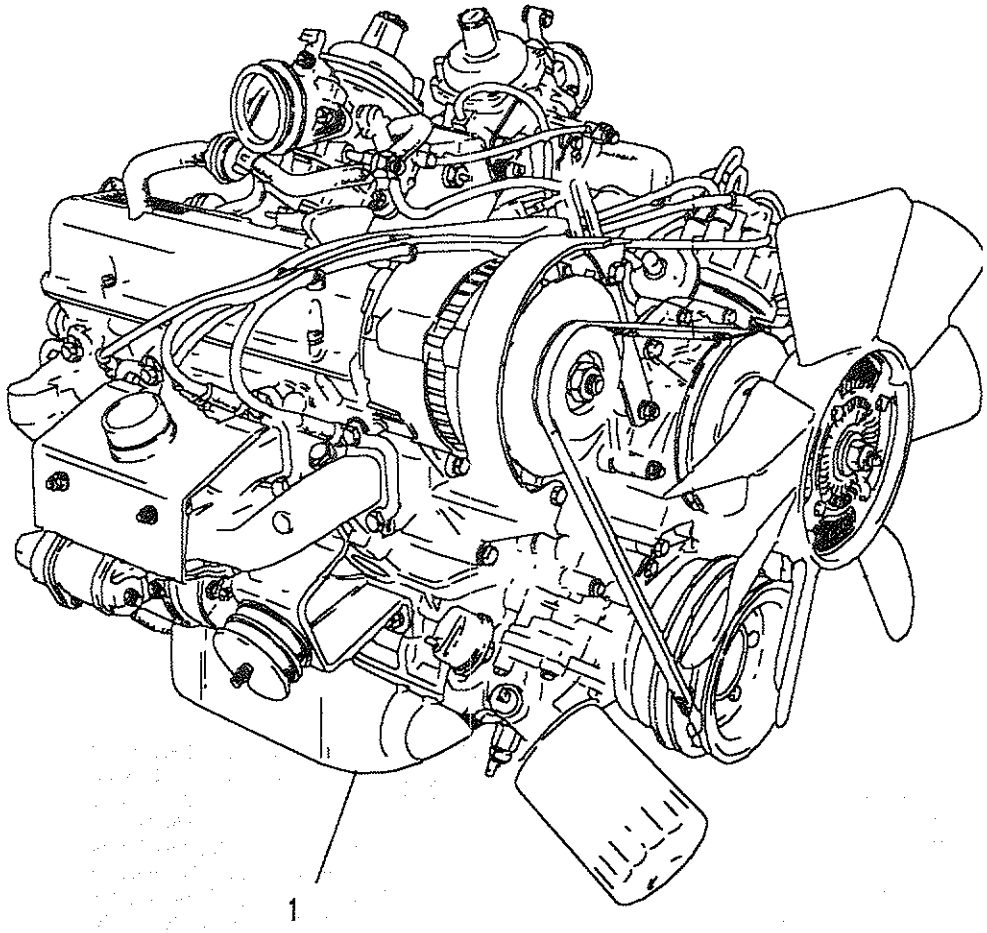

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GROUP B

ENGINE


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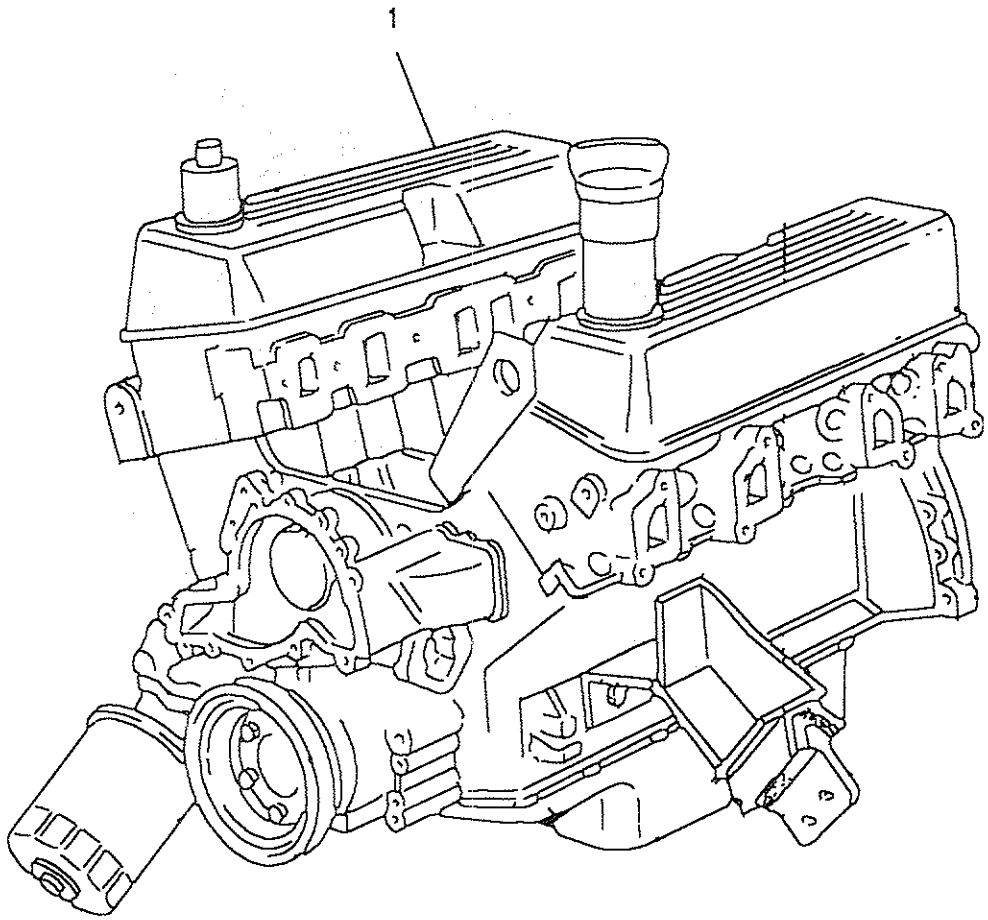



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**ENGINE - ENGINE COMPLETE - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC8445 | Engine complete assembly | 1 | Note(1) |

Note(1) Engine prefix 24G, engine is basic specification and does not include Air Con/Power steering. Engine is without air rails and is detoxed through the carburetters

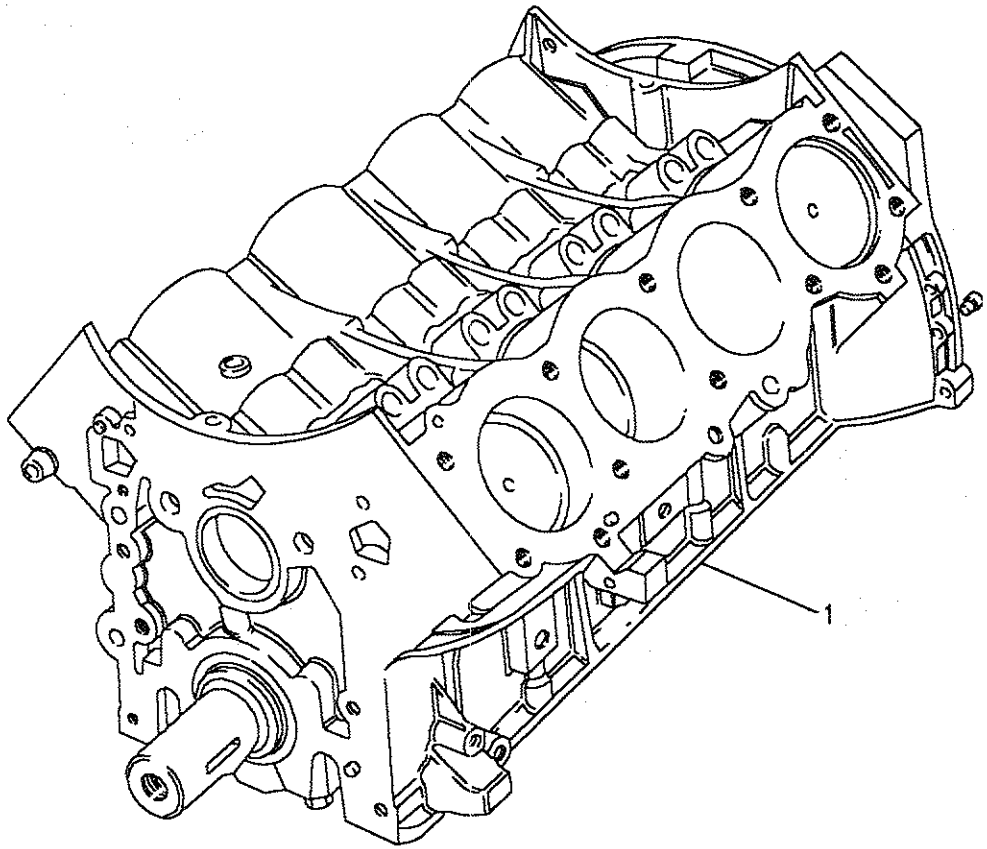



**Model** DEFENDER 90
**Page** ADBQAC1A

## ENGINE - ENGINE STRIPPED - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2972N | Engine stripped NON DETOX | 1 | Note(1) |
| | RTC2972R | Engine stripped NON DETOX | 1 | Note(2) |
| | RTC2973N | Engine stripped DETOXED | 1 | Note(3) |
| | RTC5856N | Engine stripped DETOXED | 1 | Note(4) |
| | RTC5856R | Engine stripped-recon | 1 | Note(4) |

Note(1) Prefix 14G,20G,is used if 24G non air rail required.
Note(2) Prefix 14G,20G
Note(3) Prefix 15G,21G
Note(4) Prefix 24G

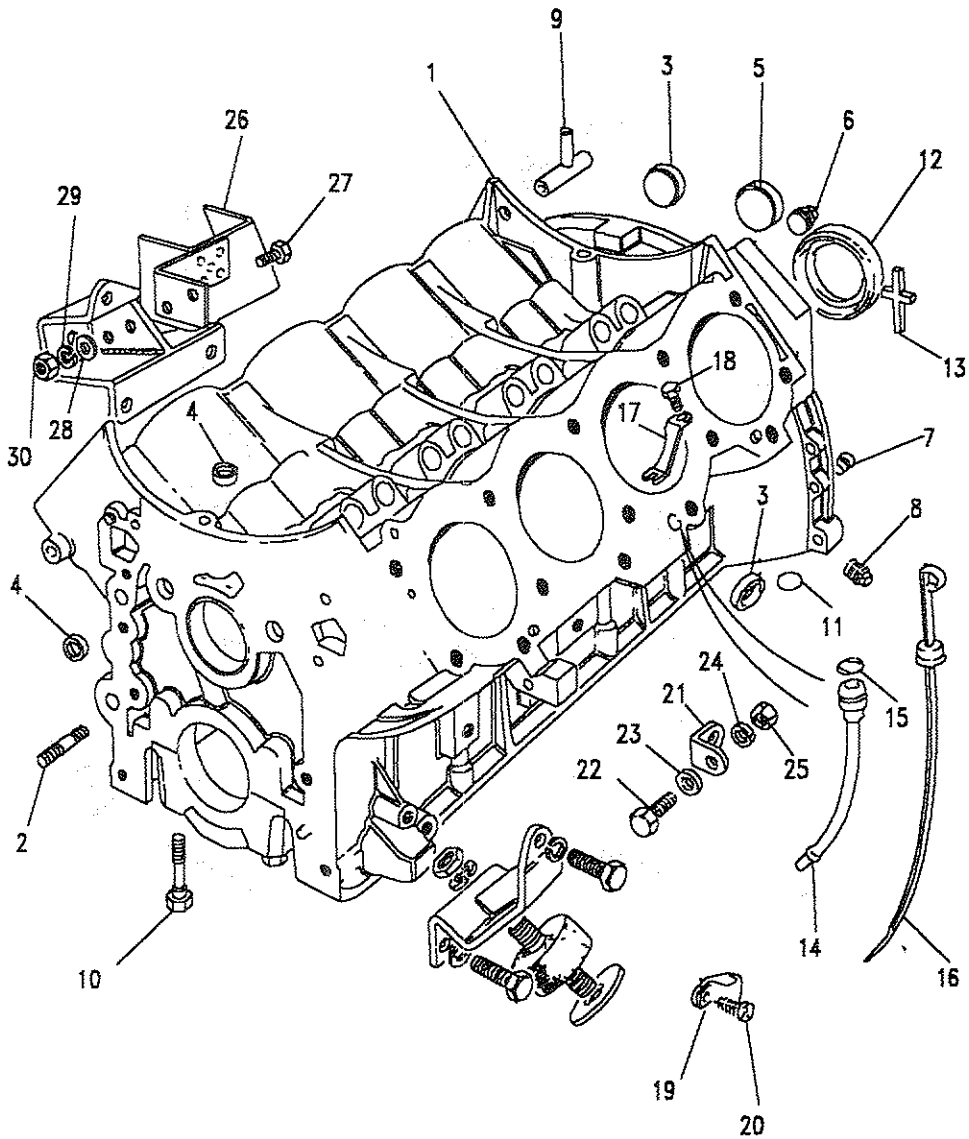



**Model** DEFENDER 90
**Page** ADBQAE1A

**ENGINE - ENGINE SHORT - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7714 | Engine short | 1 | See Note |

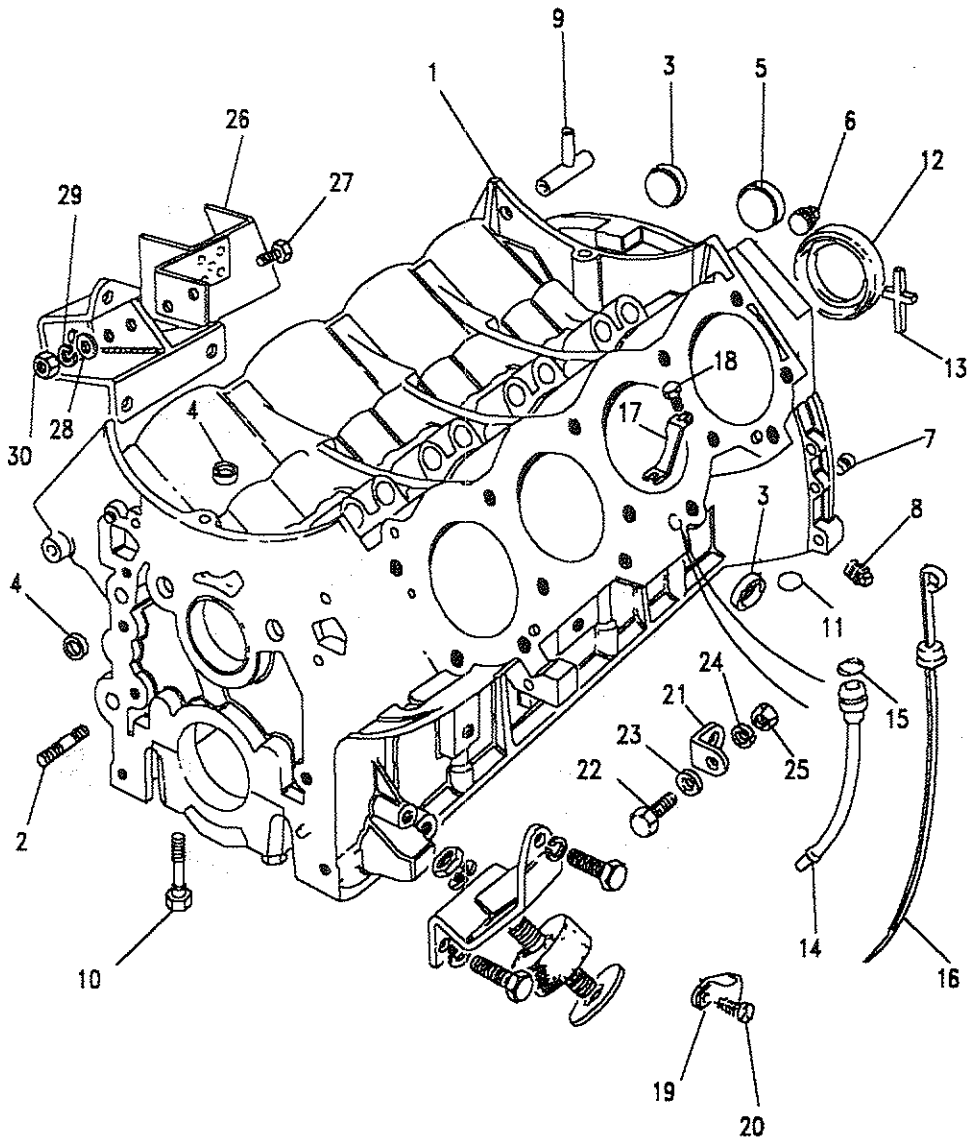
Note(1) Comprises block, piston and crankshaft




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**Page** ADBQBA1A

**ENGINE - CYLINDER BLOCK - V8 CARB**

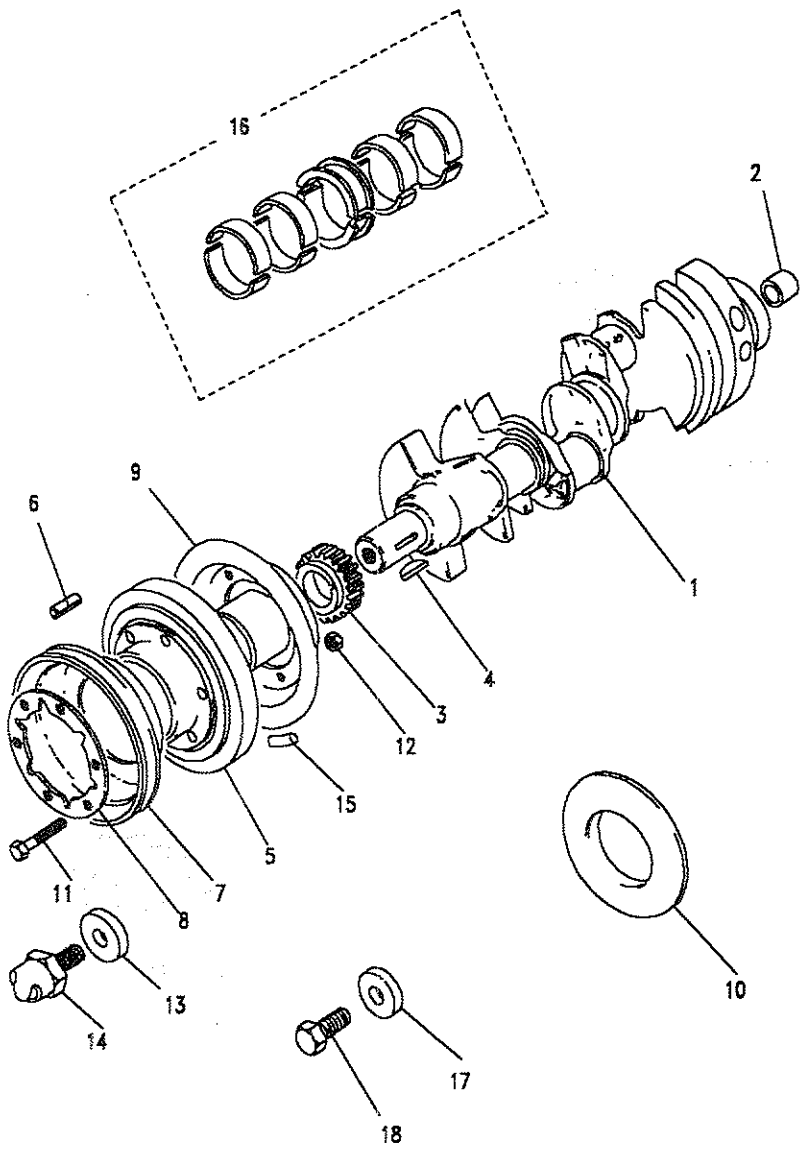
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC6934 | Cylinder block assembly | 1 | |
| 2 | 252513 | Stud timing cover | 1 | |
| 3 | 602152 | Plug | 8 | |
| 4 | 602147 | Plug tappet/angular hole | 4 | |
| 5 | 602146 | Plug cam bore | 1 | |
| 6 | 602212 | Plug tappet line rear | 2 | |
| 7 | 602141 | Dowel flywheel housing | 2 | |
| 8 | 3290 | Plug taper | 2 | |
| 9 | ERC5761 | Pipe assembly | 1 | |
| 10 | 602130 | Bolt main bearing cap | 10 | |
| 11 | 612898 | Plug-rear block | 2 | |
| 12 | ERR2640 | Oil seal crankshaft | 1 | |
| 13 | 611089 | Packing-oil seal | 2 | |




**Model** DEFENDER 90
**Page** ADBQBA1A

## ENGINE - CYLINDER BLOCK - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 14 | ERR4556 | Tube dipstick | 1 | |
| 15 | 602545 | O ring | 1 | |
| 16 | ERR1922L | Dipstick | 1 | |
| 17 | 614585 | Clamp bracket | 1 | |
| 18 | SH604031L | Screw bracket/head | 1 | |
| 19 | 610489 | Clip | 1 | |
| 20 | 78862 | Screw 10UNCx0.5" | 1 | |
| 21 | ERC2973 | Support bracket | 1 | ) |
| 22 | 257017 | Screw 10UNF x 0.5" | 1 | )21G and 24G |
| 23 | WA702101L | Washer plain | 1 | ) |
| 24 | WM702001L | Washer spring | 1 | ) |
| 25 | HN2005L | Nut 10UNF | 1 | ) |
| 26 | NRC3301 | Heat shield LH | 1 | |
| | 577846 | Heat shield RH | 1 | |
| 27 | BH106051L | Bolt | 4 | |
| 28 | WA106041L | Washer plain | 4 | |
| 29 | WL106001L | Washer lock | 4 | |
| 30 | NH106041L | Nut | 4 | |

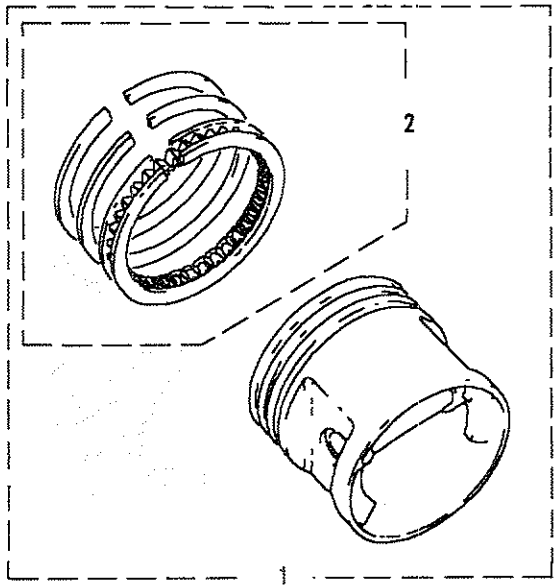


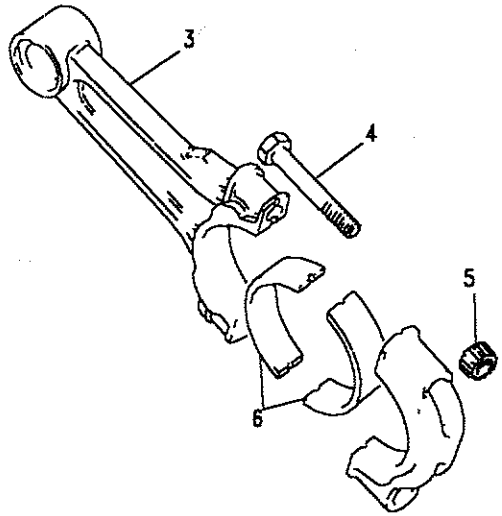

**Model** DEFENDER 90
**Page** ADBQCA1A

## ENGINE - CRANKSHAFT - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 612989 | Crankshaft | 1 | |
| 2 | 549911 | Spigot bush | 1 | |
| 3 | 90602372 | Sprocket | 1 | |
| 4 | 90602025 | Key sprocket Crankshaft | 1 | |
| 5 | ETC7339 | Damper | 1 | |
| 6 | 603535 | Spring pin | 1 | |
| 7 | 611019 | Pulley-basic | 1 | |
| | ETC4369 | Pulley front-p/steering | 1 | |
| | ETC4354 | Pulley front-air con | 1 | |
| | ETC4330 | Pulley rear-p/s & air con | 1 | |
| 8 | 602587 | Plate reinforcement | 1 | |
| 9 | 603301 | Rim balancing | 1 | |
| 10 | 613671 | Mud deflector | 1 | Note(1) |
| 11 | BH605121L | Bolt-Basic and AIR CON | 6 | |
| | BH605131L | Bolt-P.A.S. | 6 | |
| 12 | NH605041L | Nut | 3 | |
| 13 | 602411 | Washer | 1 | |
| 14 | 610178 | Starting dog | 1 | |
| 15 | | BALANCE WEIGHTS-DAMPER | | |
| | ERC4877 | 0.180 oz | 2 | |
| | ERC4878 | 0.360 oz | 2 | |
| | ERC4879 | 0.540 oz | 2 | |
| | ERC4880 | 0.720 oz | 2 | |
| 16 | RTC1718 | Bearing set main standard | 1 | )Note(2) |
| | RTC171810 | Bearing set main 0.010"us | 1 | ) |
| | RTC171820 | Bearing set main 0.020"us | 1 | ) |
| 17 | ERC416 | Washer | 1 | |
| 18 | ERC417 | Bolt-damper to crankshaft | 1 | |

Note(1) 613671 not needed when ERR1632 oil seal fitted (front cover)
Note(2) Does not have thrust plate on bottom half of centre bearing



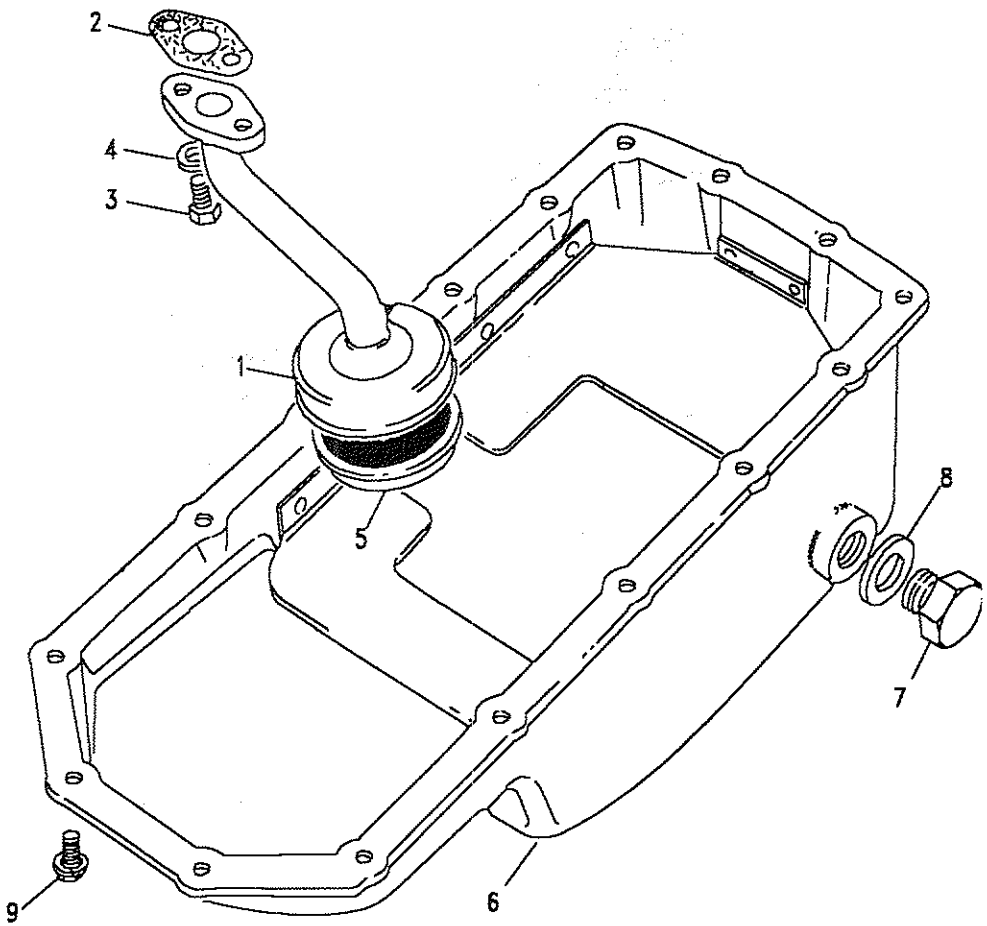




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**Page** ADBQCC1A

## ENGINE - PISTON AND RINGS - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2186S | Piston assembly standard | 8 | Note(1) |
| | RTC218620 | Piston assembly .020"o/s | 8 | Note(1) |
| 2 | RTC2408 | Piston ring kit standard | 8 | |
| | RTC240820 | Piston ring kit 0.020"o/s | 8 | |
| 3 | 602082 | Con rod assembly | 8 | |
| 4 | 602609 | Bolt | 16 | |
| 5 | 602061 | Nut | 16 | |
| **Con Rod Bearing: Engine Set** | | | | |
| 6 | RTC2117 | Bearing set big end | 1 | Standard |
| | RTC211710 | Bearing set big end | 1 | 0.010"o/s |
| | RTC211720 | Bearing set big end | 1 | 0.020"o/s |

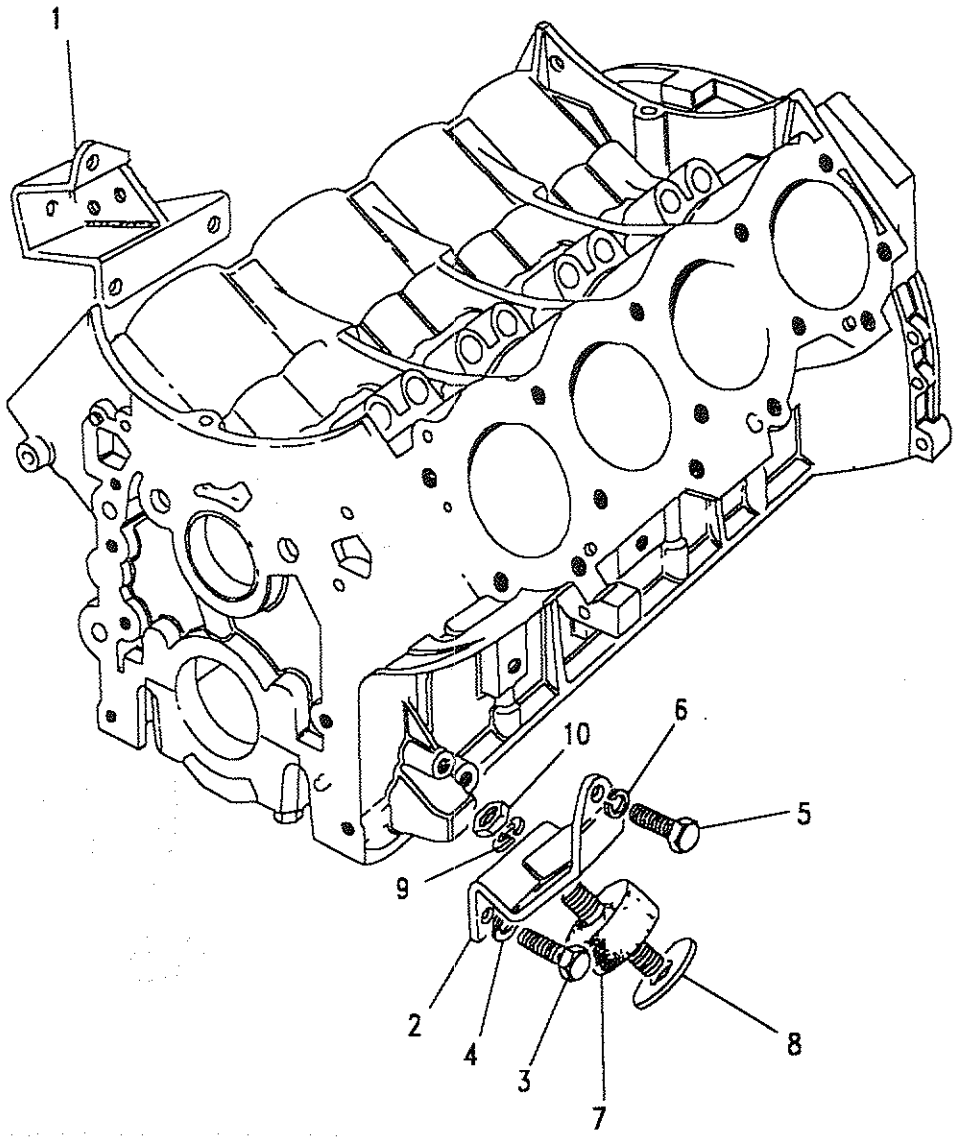
Note(1) Includes gudgeon pin and piston rings




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**Page** ADBQDA1A

**ENGINE - SUMP - V8 CARB**

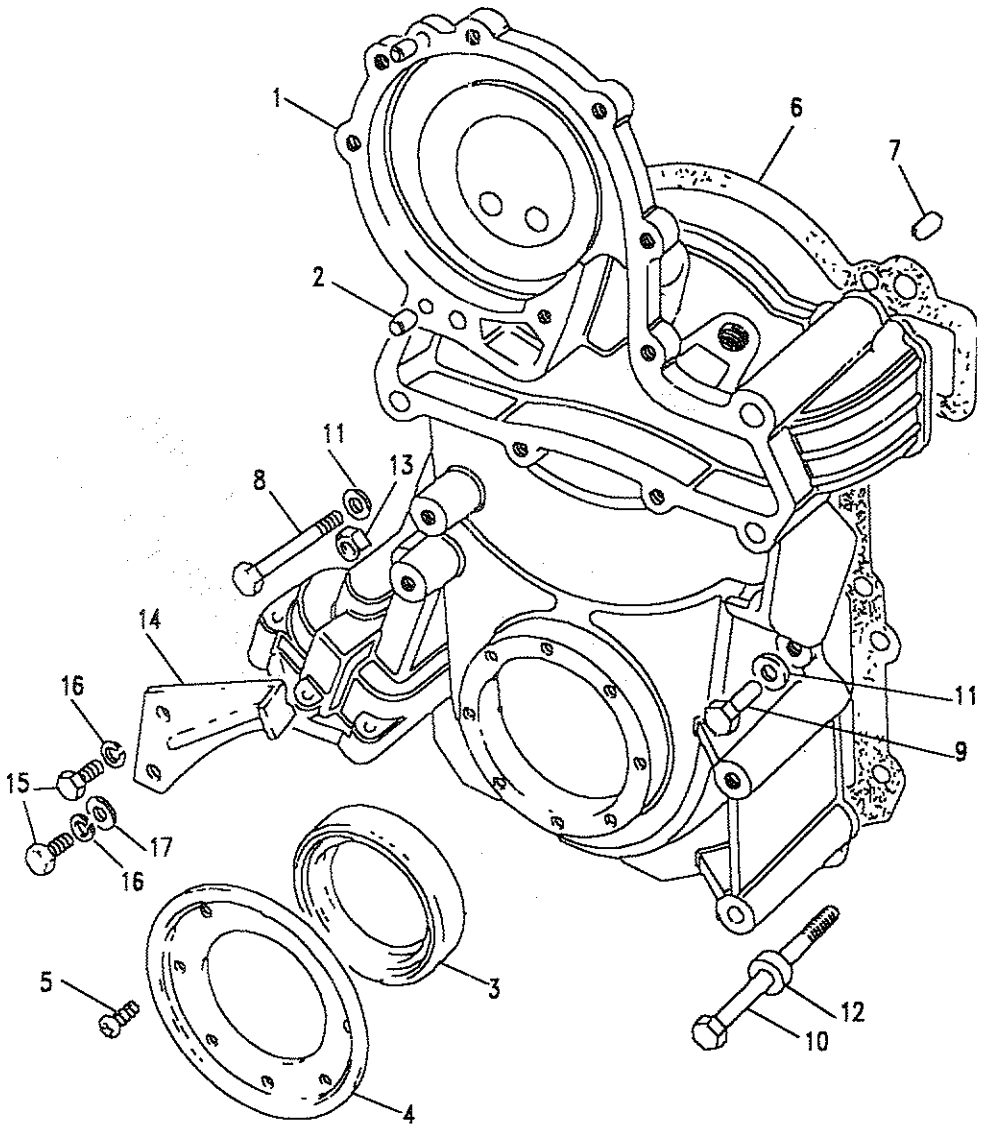
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 612710 | Oil screen housing | 1 | |
| 2 | 90602068 | Gasket | 1 | |
| 3 | SH506081L | Screw housing to block | 2 | |
| 4 | WM600041L | Washer spring | 2 | |
| 5 | 602070 | Screen oil | 1 | |
| 6 | ERR4633 | Sump assembly | 1 | |
| 7 | 603659 | Plug drain | 1 | |
| 8 | 213961 | Washer joint | 1 | |
| 9 | 602199 | Screw | 16 | |
| | 602087 | Gasket sump/block | 1 | OPTIONAL |




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## ENGINE - MOUNTING - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC1302 | Mounting foot rh | 1 | |
| 2 | NRC3314 | Mounting foot lh | 1 | |
| 3 | SH507091L | Screw | 4 | |
| 4 | WM600071L | Washer spring | 4 | |
| 5 | SH505071L | Screw | 2 | |
| 6 | WM600051L | Washer spring | 2 | |
| 7 | RTC6115 | Engine mounting kit | 2 | |
| 8 | WC110061L | Washer plain | 2 | |
| 9 | WL110001L | Washer spring | 4 | |
| 10 | NH110041L | Nut | 4 | |

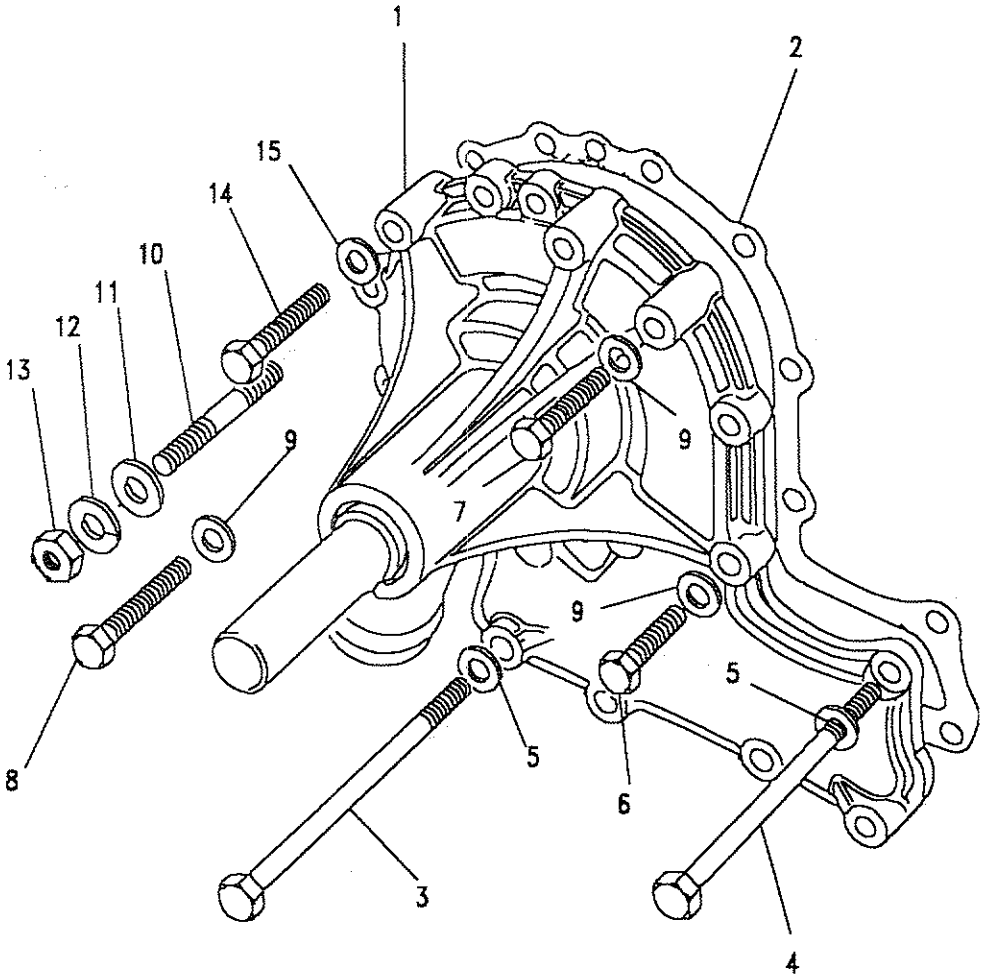



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**ENGINE - FRONT COVER - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7385 | Cover assembly front | 1 | |
| 2 | 602201 | Dowel | 2 | |
| 3 | ERR1632 | Seal oil | 1 | |
| 4 | 247766 | Mud excluder | 1 | )Note(1) |
| 5 | 78782 | Screw | 8 | ) |
| | 154545 | Plug cup | 1 | |
| 6 | ERR4936 | Gasket cover/block | 1 | |
| 7 | 90602202 | Dowel | 2 | |
| 8 | BH505241L | Bolt | 1 | |
| 9 | SH505091L | Screw | 2 | |
| 10 | 602388 | Bolt | 1 | |
| 11 | WA108051L | Washer plain | 4 | |
| 12 | 4075L | Washer plain | 1 | |
| 13 | NH605041L | Nut | 1 | |
| 14 | ETC7345 | Pointing timer | 1 | |
| 15 | FS504055 | Screw pointer/block | 2 | |
| 16 | WM600041L | Washer spring | 2 | |
| 17 | RTC609 | Washer plain | 1 | |

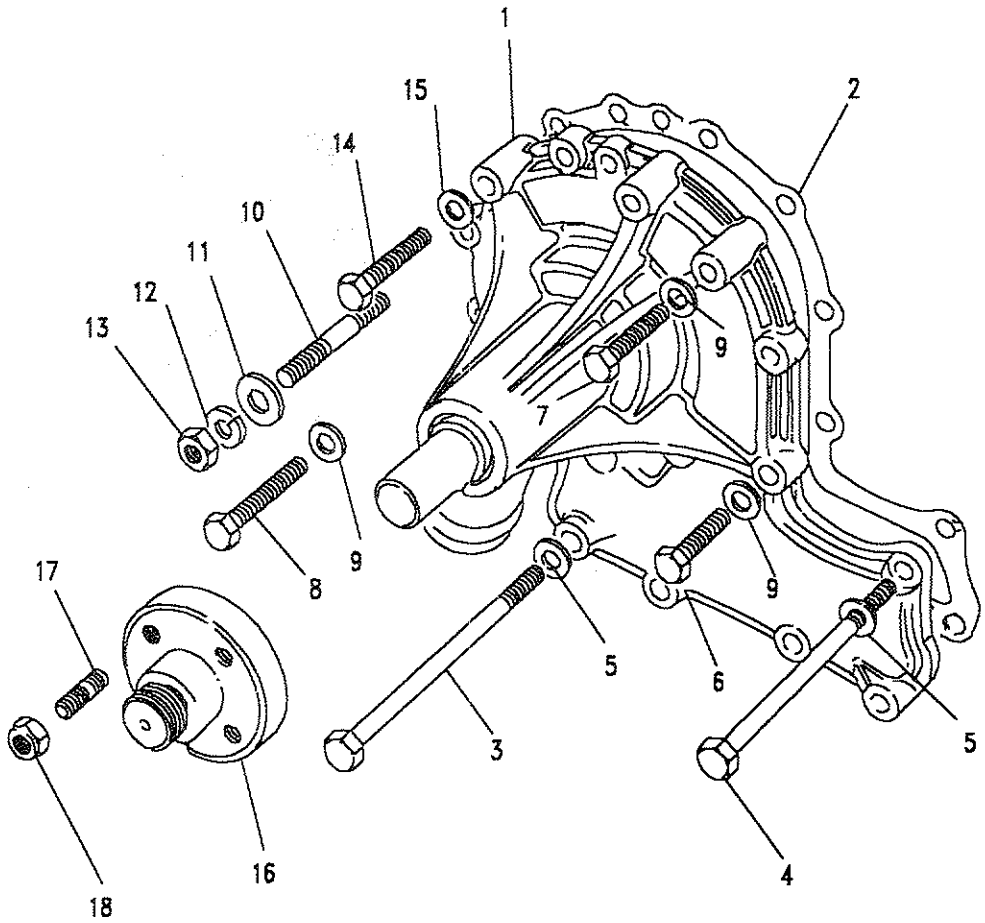
Note(1) Not to be used when new oil seal ERR1632 is fitted




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**Page** ADBQEE1A

**ENGINE - WATER PUMP - NON VISCOUS - V8 CARB**

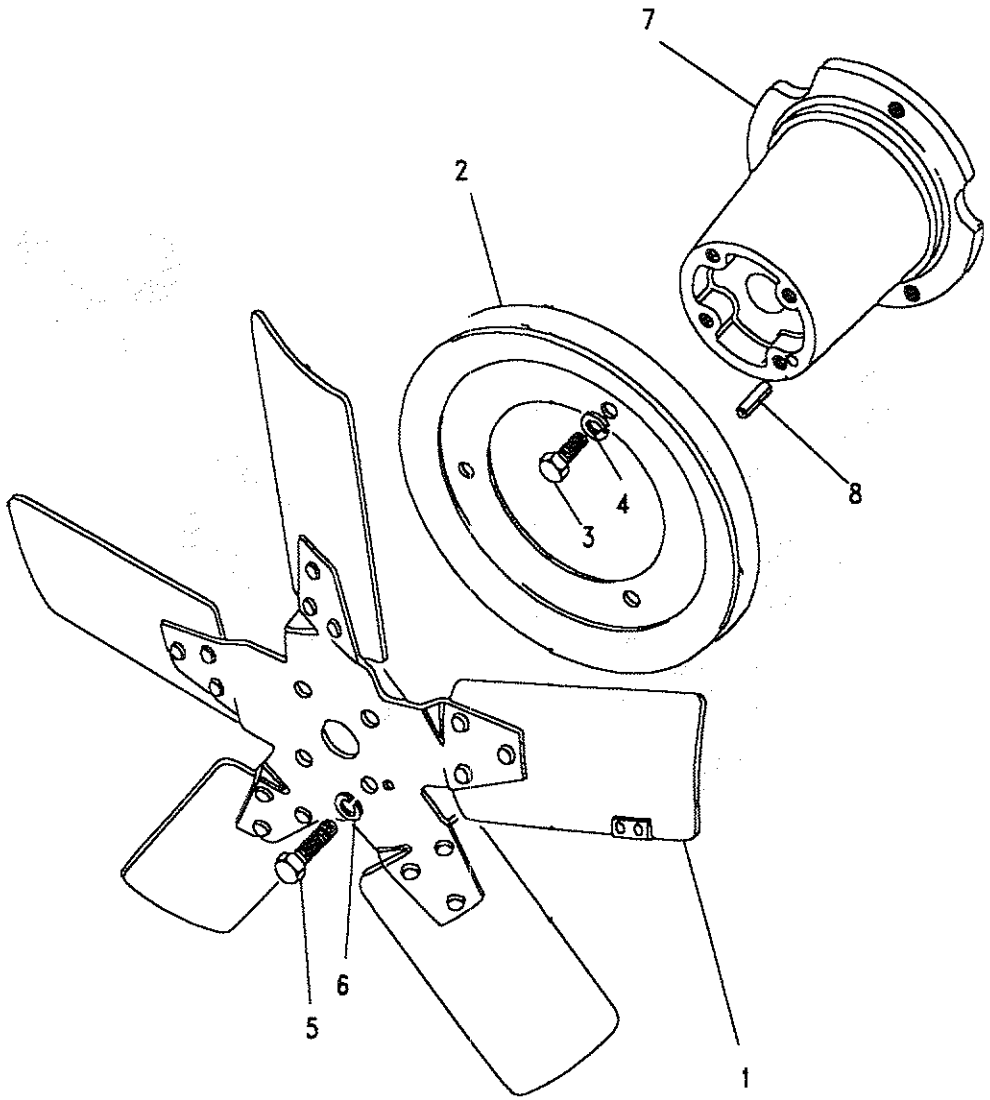
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC1611 | Pump water assembly | 1 | |
| 2 | 612326 | Gasket | 1 | |
| 3 | BH505401L | Bolt | 3 | |
| 4 | BH505401L | Bolt | 1 | |
| 5 | WA108051L | Washer plain | 4 | |
| 6 | BH504101L | Bolt | 6 | |
| 7 | BH504151L | Bolt | 2 | |
| 8 | BH504161L | Bolt | 1 | |
| 9 | WC106041L | Washer plain | 9 | |
| 10 | 252516 | Stud | 1 | NLA |
| 11 | 4421 | Washer plain | 1 | |
| 12 | WM600051L | Washer spring | 1 | |
| 13 | NT605041L | Lock nut | 1 | |
| 14 | BH505121L | Bolt | 1 | |
| 15 | WM600051L | Washer spring | 1 | |




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**Page** ADBQEE2A

**ENGINE - WATER PUMP - VISCOUS - V8 CARB**

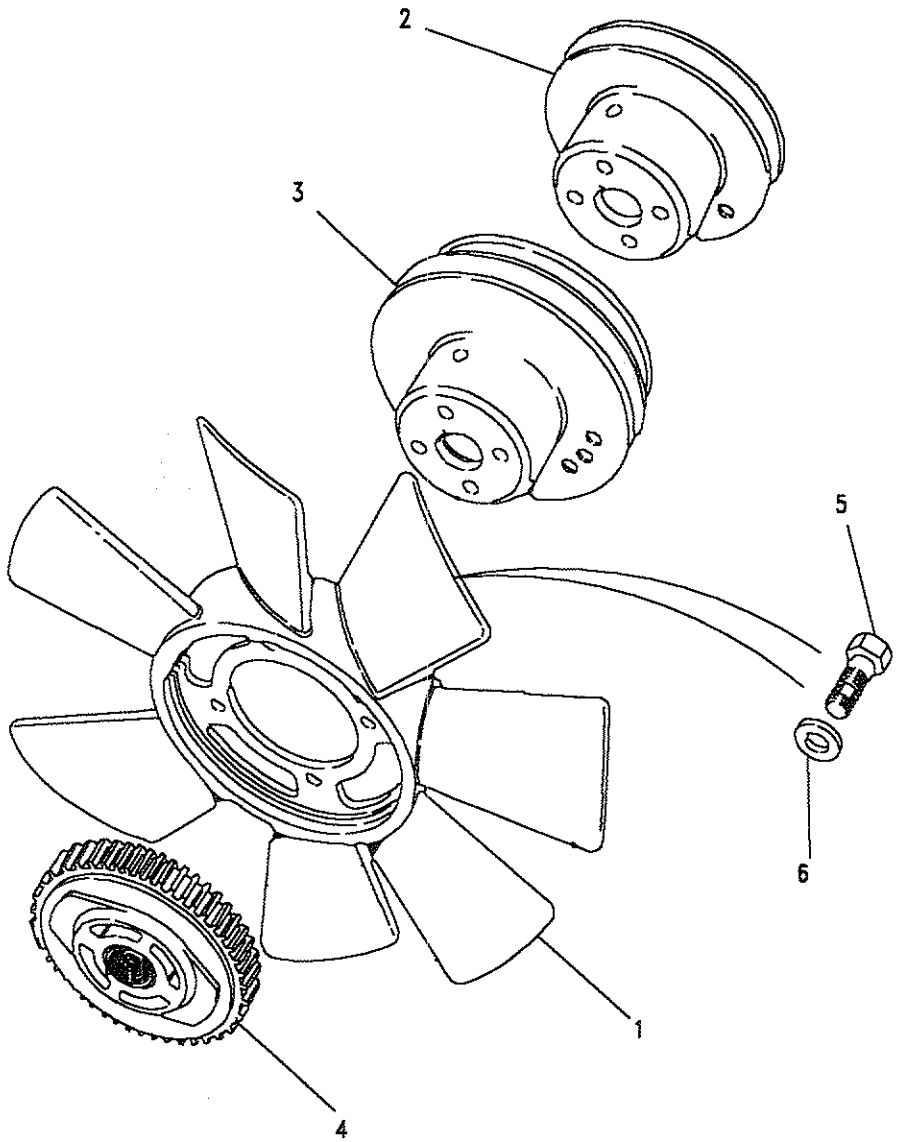
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6337 | Pump water assembly | 1 | NON AIR CON |
| | RTC6338 | Pump water assembly | 1 | AIR CON |
| 2 | 612326 | Gasket | 1 | |
| 3 | BH505401L | Bolt | 3 | |
| | BH505401L | Bolt | 1 | |
| 4 | BH505401L | Bolt | 1 | |
| 5 | WA108051L | Washer | 4 | |
| 6 | BH504101L | Bolt | 6 | )NON AIR CON |
| 7 | BH504151L | Bolt | 2 | )or P.A.S. |
| 8 | BH505161L | Bolt | 1 | ) |
| 9 | WC106041L | Washer | 9 | ) |
| | BH504101L | Bolt | 2 | ) |
| | BH505121L | Bolt | 2 | )AIR CON |
| | WM600051L | Washer spring | 2 | ) |
| | WC106041L | Washer | 3 | ) |
| | BH504101L | Bolt | 4 | ) |
| | BH504151L | Bolt | 2 | )P.A.S. |
| | BH504161L | Bolt | 1 | ) |
| | WC106041L | Washer | 7 | ) |
| 10 | 252516 | Stud pump to timing cover | 1 | NLA |
| 11 | 4421 | Washer | 1 | ) |
| 12 | WM600051L | Washer spring | 1 | )NON AIR CON |
| 13 | NT605041L | Locknut | 1 | ) |
| 14 | BH505121L | Bolt | 1 | ) |
| 15 | WM600051L | Washer spring | 1 | ) |
| 16 | ERC5705 | Hub assembly | 1 | |
| 17 | TE108041L | Stud | 1 | |
| 18 | NY108041L | Nut nyloc | 4 | |




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## ENGINE - COOLING FAN - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 613087 | Fan assembly 5 blade | 1 | |
| 2 | 602582 | Pulley | 1 | |
| 3 | FS504055 | Screw pulley to hub | 3 | |
| 4 | WM600041L | Washer spring | 3 | |
| 5 | SH505061L | Screw fan to pump | 4 | |
| 6 | WM600051L | Washer spring | 4 | |
| 7 | 610578 | Hub assembly | 1 | |
| 8 | 603428 | Spring pin | 1 | |

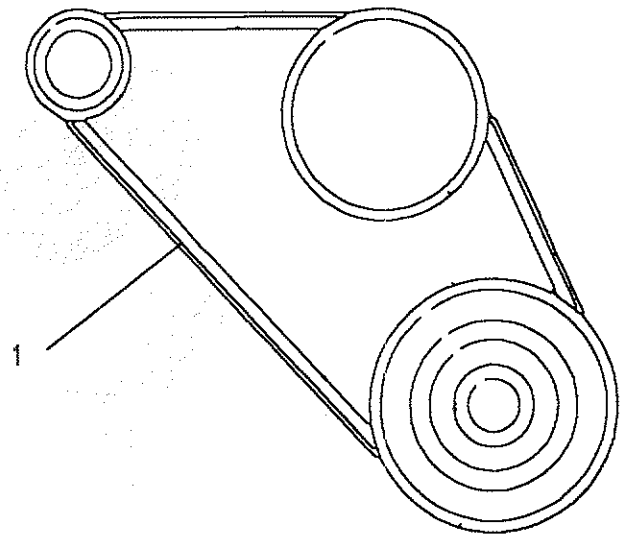


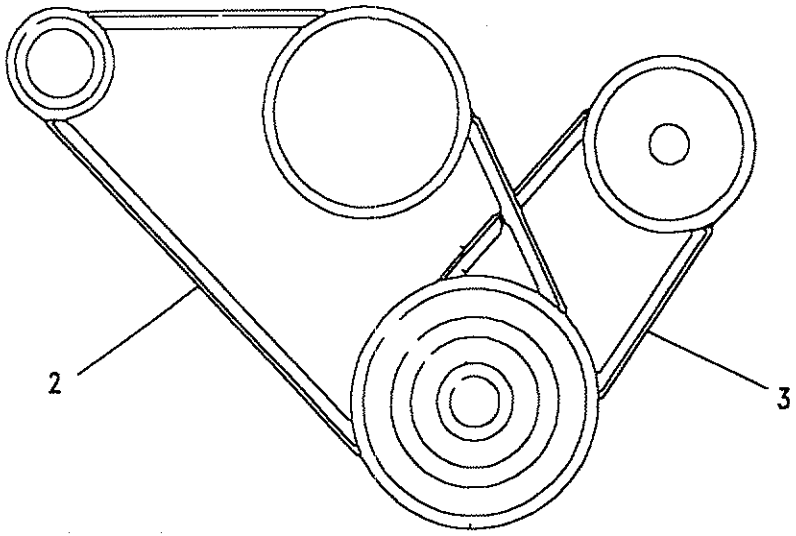

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**Page** ADBQEG2A

**ENGINE - COOLING FAN - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7553L | Fan 7 blades | 1 | |
| | ERC8164 | Fan 11 blades | 1 | OPTIONAL |
| 2 | ERC5707 | Pulley single groove | 1 | |
| 3 | ERC6540 | Pulley twin groove | 1 | Note(1) |
| 4 | ERC5708 | Viscous unit | 1 | |
| 5 | ERC5709 | Bolt fan to viscous drive | 4 | |
| 6 | 4589L | Washer fan to viscous | 4 | |

Note(1) Used on AIR CON or POWER STEERING



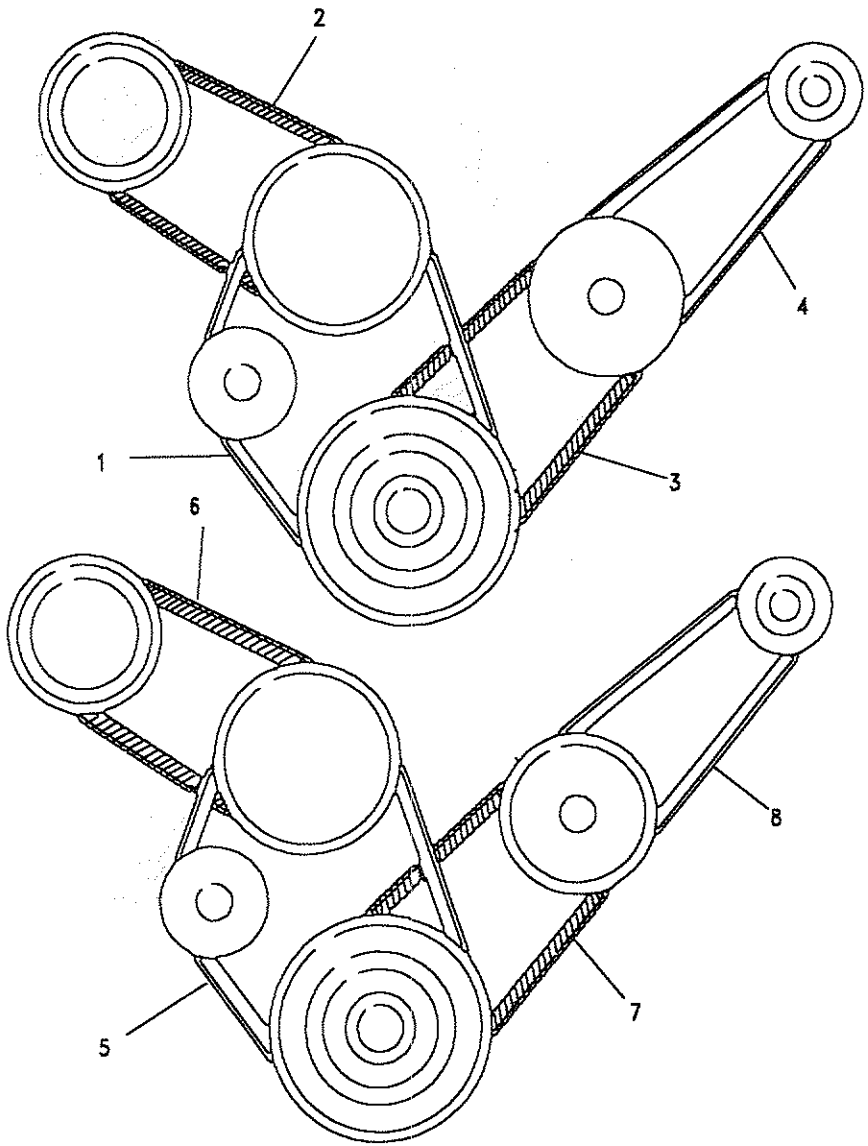




**Model** DEFENDER 90
**Page** ADBQEG3A

**ENGINE - DRIVE BELTS - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7394 | Belt driving fan/alt | 1 | Note(1) |
| 2 | ETC7394 | Belt driving fan/alt | 1 | |
| 3 | 614106 | Belt driving pump, p/s | 1 | |

Note(1) Used on BASIC vehicles-with 45AMP alternator

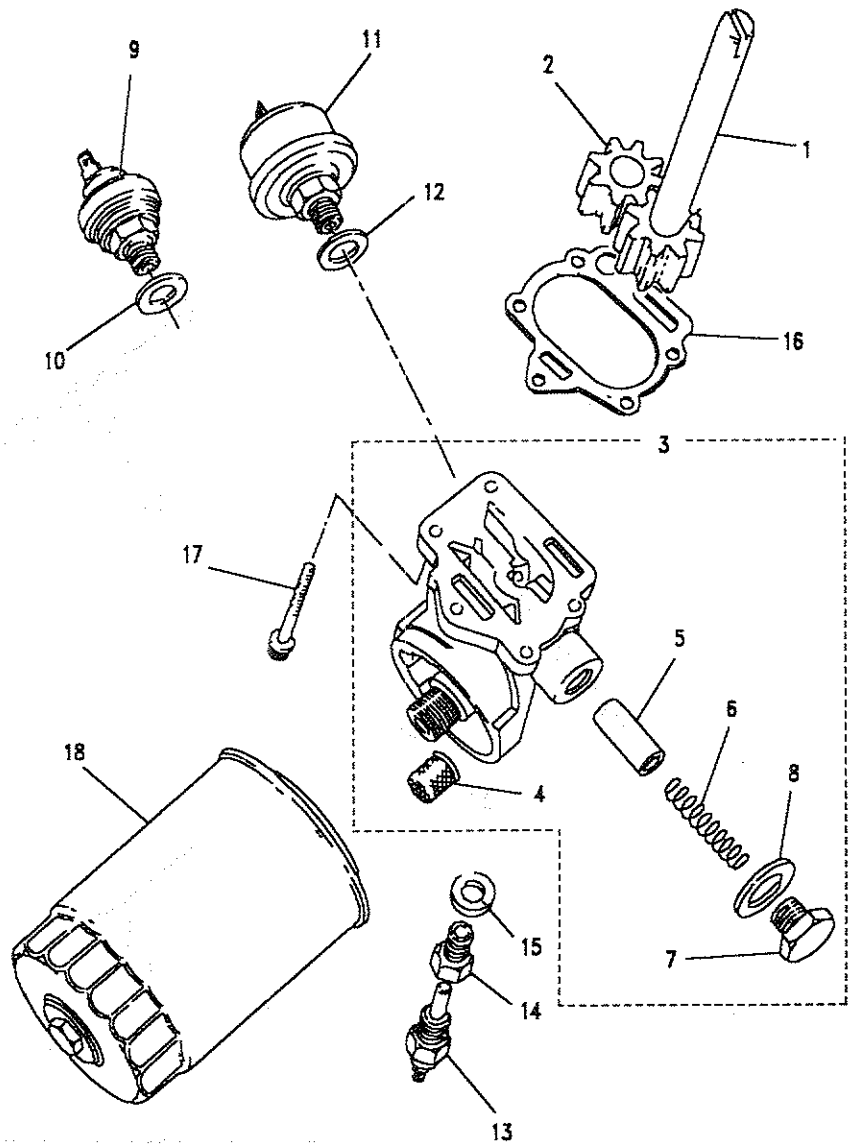



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**ENGINE - DRIVE BELTS - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 614670 | Belt driving fan | 1 | ) |
| 2 | 603713 | Belt driving air/comp | 1 | )Note(1) |
| 3 | 614106 | Belt driving idler | 1 | ) |
| 4 | ERR2073 | Belt driving alternator | 1 | ) |
| 5 | 614670 | Belt driving fan | 1 | ) |
| 6 | 603713 | Belt driving air/comp | 1 | )Note(2) |
| 7 | 614106 | Belt driving pump, p/s | 1 | ) |
| 8 | ERR2073 | Belt driving alternator | 1 | ) |

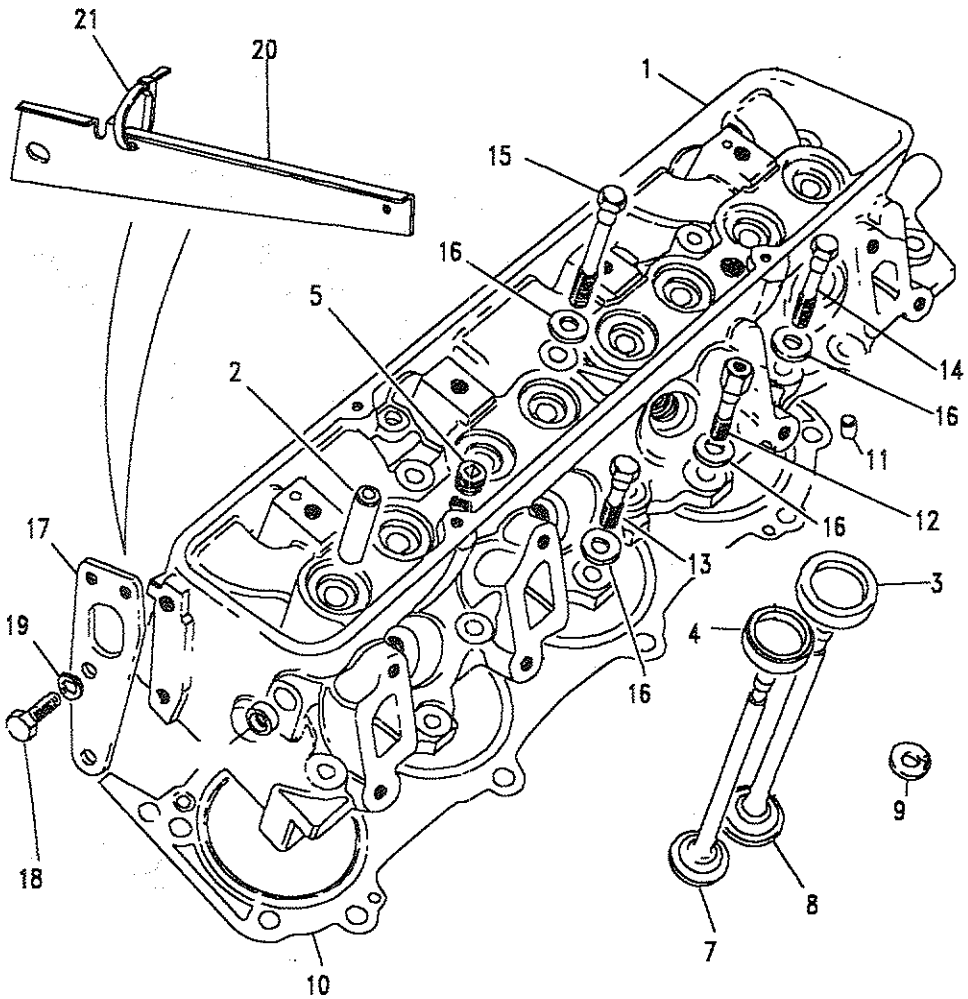
Note(1) Used when AIR CONDITIONING fitted
Note(2) Used when AIR CONDITIONING and POWER STEERING fitted




**Model** DEFENDER 90
**Page** ADBQFA1A

## ENGINE - OIL PUMP - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC1351 | Pump oil assembly | 1 | |
| 2 | 614037 | Gear | 1 | |
| 3 | ETC4276 | Cover assembly | 1 | |
| 4 | 614202 | Strainer | 1 | |
| 5 | 90602064 | Valve relief | 1 | |
| 6 | 602067 | Spring | 1 | |
| 7 | 602071 | Cap | 1 | |
| 8 | ETC8833 | Washer joint | 1 | |
| 9 | PRC7204 | Switch oil pressure | 1 | UptoJAN1993 |
| | AMR2092 | Switch oil pressure | 1 | FromJAN1993 |
| 10 | 243968 | Washer joint | 1 | |
| 11 | DRC2479 | Transducer oil pressure | 1 | |
| 12 | 243967 | Washer joint | 1 | |
| 13 | PRC2507 | Transmitter oil temp | 1 | |
| 14 | 611514 | Adaptor transmitter | 1 | |
| 15 | 243968 | Washer joint | 1 | |
| 16 | 90602072 | Gasket | 1 | Upto 13/4/1992 |
| | ERR1990 | Gasket | 1 | From 13/4/1992 |
| 17 | 602912 | Bolt | 2 | |
| | 602910 | Bolt | 3 | |
| | 602913 | Bolt | 1 | |
| 18 | ERR3340 | Filter oil | 1 | |
| | RTC4477 | Kit repair-oil pump | 1 | |

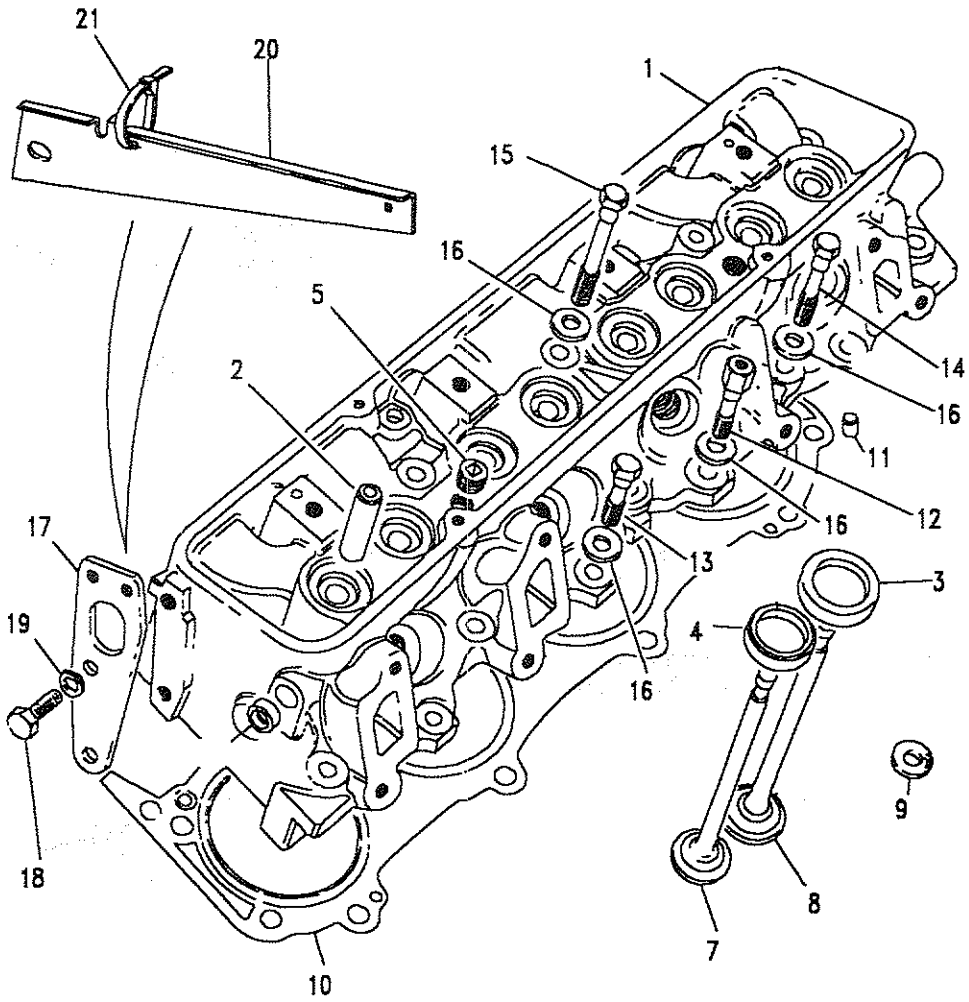



**Model** DEFENDER 90
**Page** ADBQGA1A

## ENGINE - CYLINDER HEAD - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC215 | Cylinder head assembly | 2 | Note(1) |
| | ERC676 | Cylinder head assembly | 2 | Note(2) |
| | ETC6471 | Cylinder head assembly | 2 | Note(3) |
| | ERC3346 | Cylinder head assembly | 2 | Note(4) |
| | ERR3650 | Cylinder head assembly | 2 | From Nov 91 |
| | ERR4735 | Cylinder head | 2 | From Jan 94 |
| 2 | 603554 | Guide valve | 16 | |
| | ERR3648 | Guide valve | 16 | From Nov 91 |
| 3 | ERC224 | Insert inlet standard | 8 | |
| | ERC225 | Insert inlet 0.010"o/s | 8 | |
| 4 | ERC210 | Insert exhaust standard | 8 | |
| | ERC211 | Insert exhaust 0.010"o/s | 8 | |
| 5 | 602123 | Core plug | 4 | |
| 6 | 602289 | Cup plug | 4 | |
| 7 | STC1122 | Valve exhaust | 8 | |
| | ERR2551 | Valve exhaust | 8 | From Nov 91 |
| 8 | STC1121 | Valve inlet | 8 | |
| | ERR1780 | Valve inlet | 8 | From Nov 91 |
| 9 | ERC7865 | Seal inlet valve | 8 | |
| | ERR1782 | Seal inlet valve | 8 | From Nov 91 |
| 10 | ERR4248 | Gasket head/block | 2 | |
| 11 | 602040 | Dowel | 4 | |

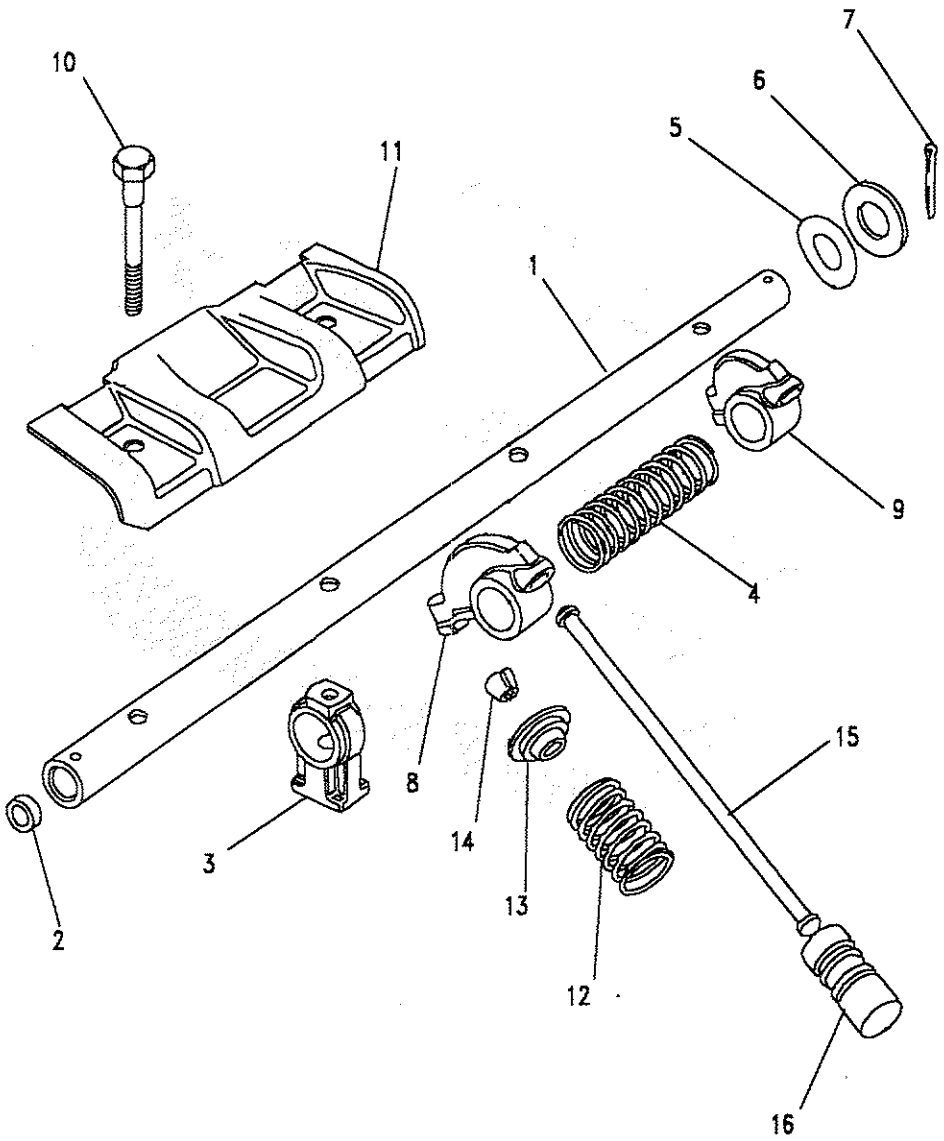
Note(1) 14G,20G,NON DETOXED
Note(2) 15G,21G,DETOXED
Note(3) 24G DETOXED with air rails
Note(4) 24G DETOXED without air rails




**Model** DEFENDER 90
**Page** ADBQGA1A

## ENGINE - CYLINDER HEAD - V8 CARB

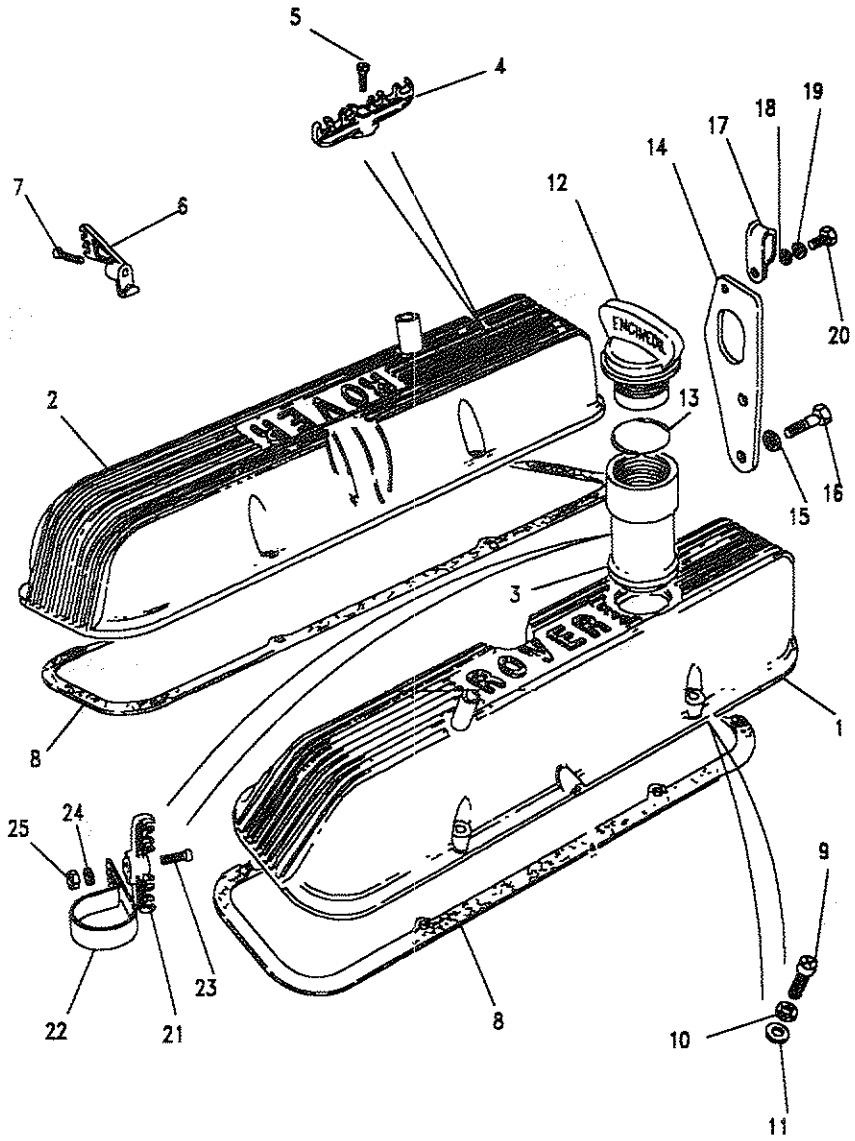
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 12 | 90614584 | Bolt | 1 | |
| 13 | 602191 | Bolt | 7 | |
| 14 | 602192 | Bolt | 14 | NON AIR CON |
| | 602192 | Bolt | 13 | AIR CON |
| | ERR2943 | Bolt flanged 66mm | 13 | From Jan 94 |
| 15 | 602193 | Bolt | 6 | |
| | ERR2944 | Bolt flanged 96mm | 6 | From Jan 94 |
| 16 | 602098 | Washer plain | 28 | |
| | 602098 | Washer plain | 1 | From Jan 94 |
| | 602200 | Stud 7/16unc x 2.71 | 1 | From Jan 94 |
| 17 | 603031 | Bracket lifting-front LH | 1 | BASIC |
| | 90611812 | Bracket lifting-front LH | 1 | P.A.S. |
| 18 | SH506071L | Screw | 2 | )NON P.A.S. |
| 19 | WM600061L | Washer spring | 2 | ) |
| | SH506071L | Screw | 3 | )AIR CON |
| | WM600061L | Washer spring | 3 | )and P.A.S |
| | SA506081L | Screw | 1 | ) |
| 20 | ERC2920 | Bracket | 1 | )NON AIR CON |
| 21 | DRC1538 | Strap | 2 | ) |
| | ETC6474 | Plug pulsair | 2 | |




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**Page** ADBQGC1A

**ENGINE - VALVE GEAR - V8 CARB**

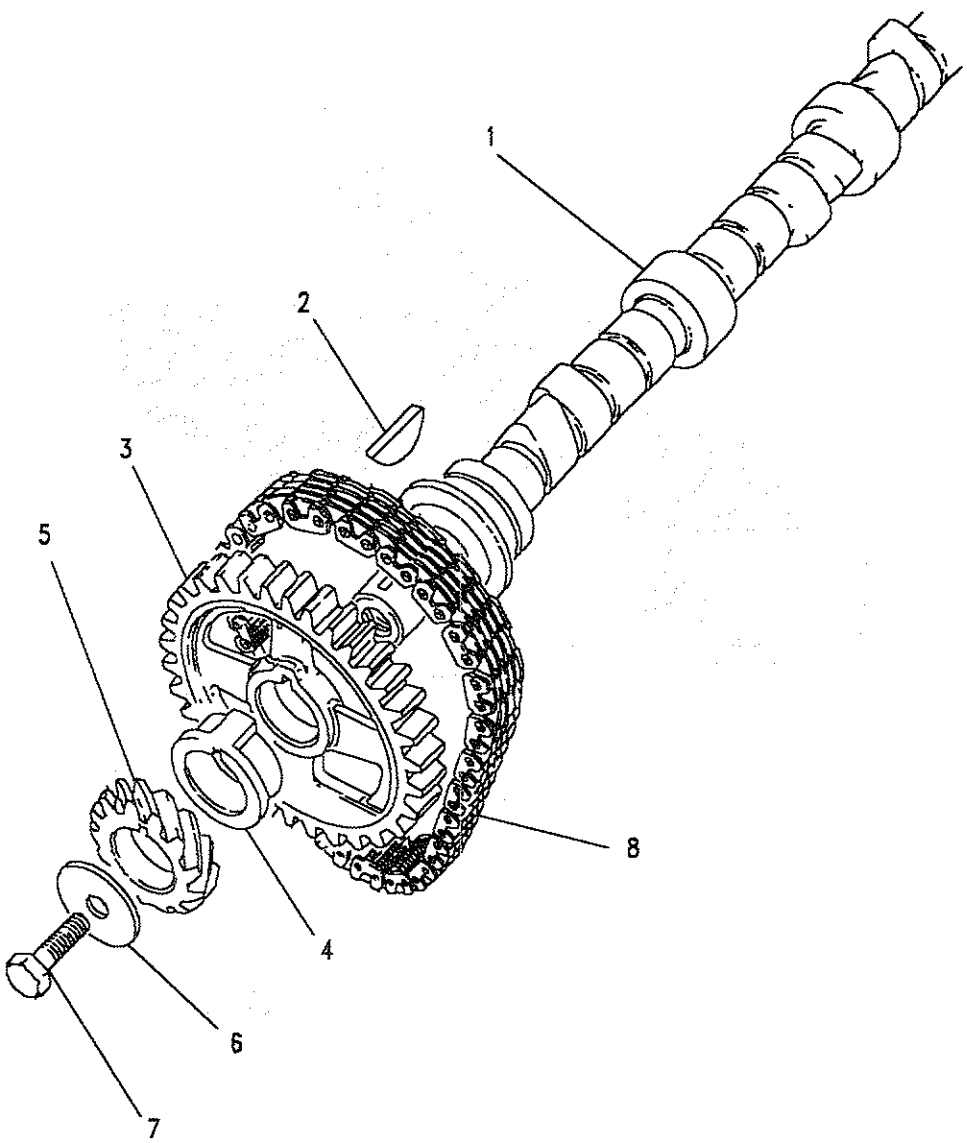
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 611659L | Shaft rocker assembly | 2 | |
| 2 | 154545 | Plug | 4 | |
| 3 | 603734 | Bracket pedestal | 8 | |
| 4 | 602142 | Spring | 6 | |
| 5 | 602148 | Spring shafts end | 4 | |
| 6 | 602186 | Washer | 4 | |
| 7 | PS606101L | Split pin | 4 | |
| 8 | 602153 | Valve rocker assembly RH | 8 | |
| 9 | 602154 | Valve rocker assembly LH | 8 | |
| 10 | 602097 | Bolt UNF | 8 | |
| 11 | 602172 | Baffle oil | 2 | |
| 12 | ERR4628 | Spring valve | 16 | |
| 13 | ERR1921 | Cap valve spring | 16 | |
| 14 | ERC1637 | Cotter split | 32 | |
| 15 | 603378 | Push rod | 16 | |
| 16 | ERC4949 | Tappet hydraulic | 16 | |




**Model** DEFENDER 90
**Page** ADBQGG1A

## ENGINE - ROCKER COVER - V8 CARB

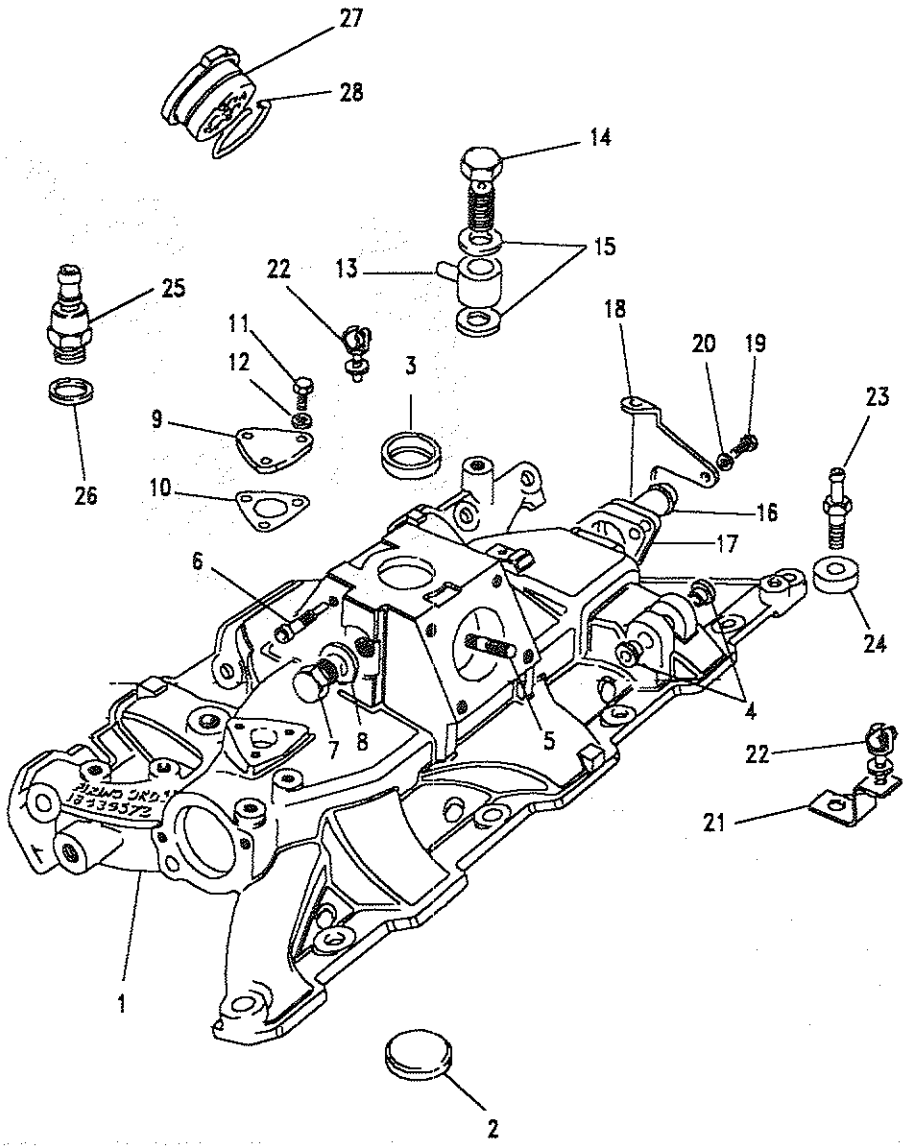
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2348 | Rocker cover RH | 1 | |
| 2 | RTC2349 | Rocker cover LH | 1 | |
| 3 | ERC2989 | Filler oil | 1 | |
| 4 | ERC5512 | Retainer HT cables | 1 | |
| 5 | 78862 | Screw 10UNC x 0.562" | 1 | |
| 6 | 603675 | Retainer HT cables | 1 | |
| 7 | 78861 | Screw 10UNC x 0.625" | 1 | |
| 8 | 602512 | Gasket cover/head | 2 | |
| 9 | 603127 | Bolt | 4 | |
| | SY504072L | Bolt | 4 | |
| 10 | WM600041L | Washer spring | 8 | |
| 11 | WB106041L | Washer plain | 8 | |
| 12 | 625038 | Cap filler | 1 | |
| 13 | 564258 | O ring | 1 | |
| 14 | ERC614 | Bracket lifting rear | 1 | |
| 15 | WM600061L | Washer spring | 2 | |
| 16 | SH506071L | Screw | 2 | |
| 17 | 586440 | Clip cable | 1 | |
| 18 | WM600041L | Washer spring | 1 | |
| 19 | WB106041L | Washer plain | 1 | |
| 20 | SH604041L | Screw | 1 | |
| 21 | ERC2144 | Spacer HT/LT leads | 1 | |
| 22 | 603184 | Clip leads to filler neck | 1 | |
| 23 | 78593 | Screw 10UNF x 0.5" | 2 | |
| 24 | WA702101L | Washer plain | 2 | |
| 25 | HN2005L | Nut | 2 | |
| | ERC5594 | Bracket plug leads | 2 | |
| | 78861 | Screw bracket | 2 | |




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**ENGINE - CAMSHAFT - V8 CARB**

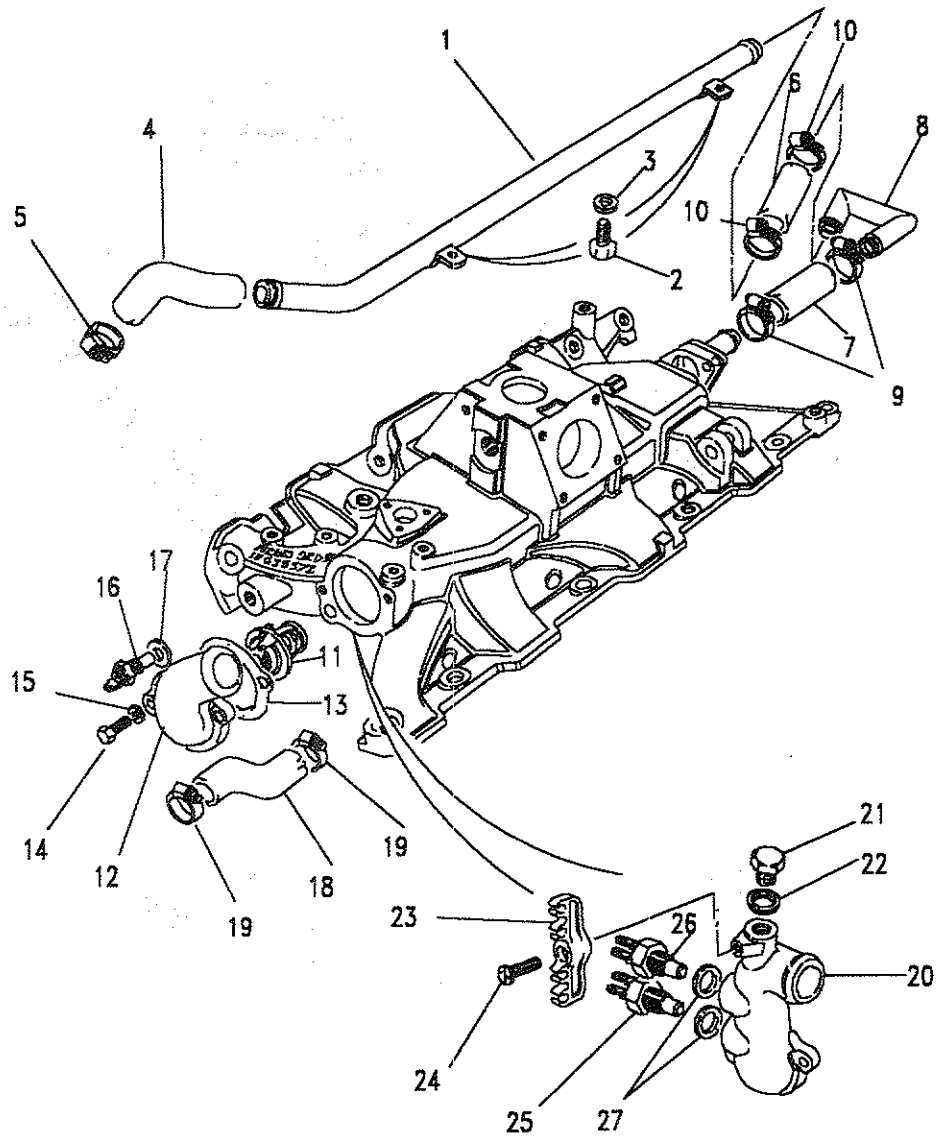
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6849 | Camshaft | 1 | 14G,20G |
| | ETC6850L | Camshaft | 1 | 15G,21G,24G |
| 2 | ERC2838 | Key-camshaft | 1 | |
| 3 | 610289 | Chainwheel | 1 | |
| 4 | ERC2839 | Spacer | 1 | |
| 5 | 614188 | Gear distributor drive | 1 | |
| 6 | ERC6552 | Washer | 1 | |
| 7 | ERC5749 | Bolt camshaft sprocket | 1 | 14G,20G |
| | 602227 | Bolt camshaft sprocket | 1 | 15G,21G,24G |
| 8 | ERC7929 | Chain timing | 1 | |
| | RTC5918 | Bearings camshaft set | 1 | |




**Model** DEFENDER 90
**Page** ADBQHA1A

## ENGINE - INLET MANIFOLD - V8 CARB

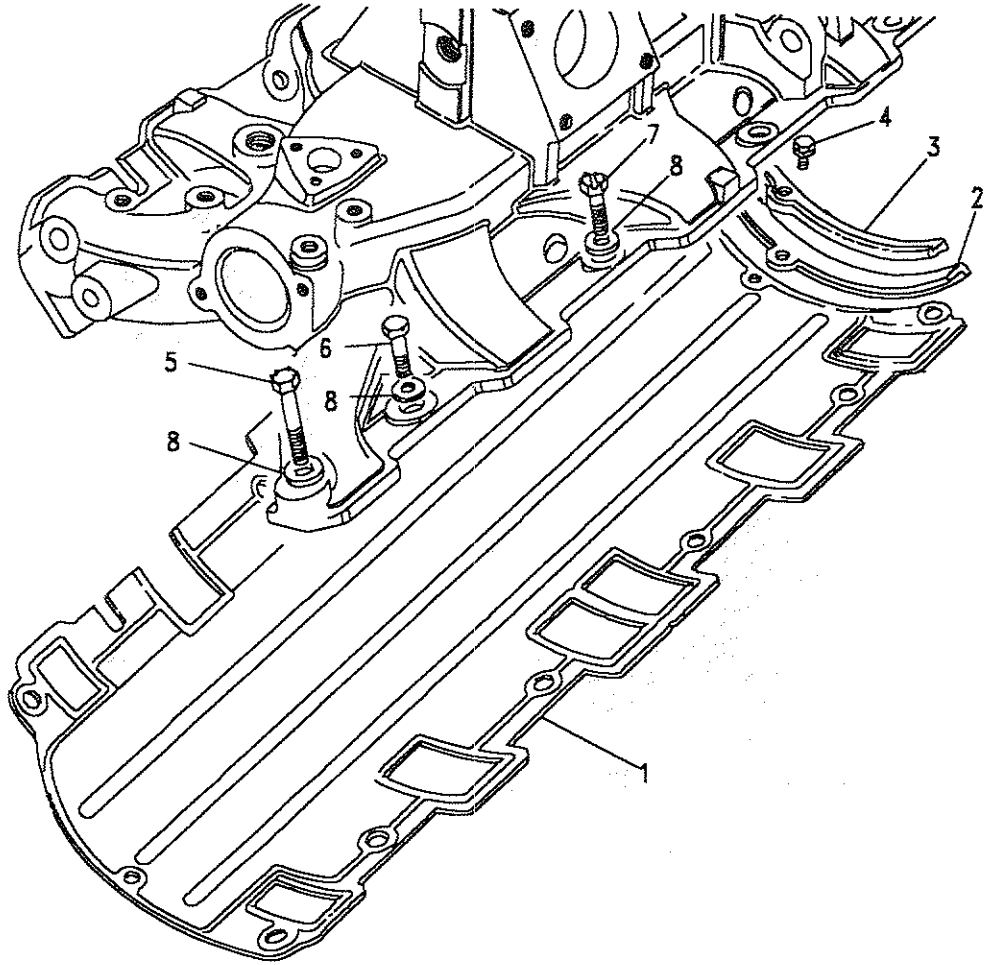
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC2135 | Manifold inlet assembly | 1 | Upto 24G02088A |
| 1 | ETC7915 | Manifold inlet assembly | 1 | From 24G02089A |
| 2 | 602152 | Cup Plug | 1 | |
| 3 | ERC256 | Cup Plug | 2 | |
| 4 | 522932 | Bush | 2 | |
| 5 | 252514 | Stud | 8 | |
| 6 | ERC4820 | Adaptor air bleed | 1 | |
| 7 | 603224 | Plug blanking | 1 | 20G |
| 8 | 232043 | Washer joint | 1 | |
| 9 | 598006 | Plate blanking | 1 | |
| 10 | 236022 | Gasket | 1 | |
| 11 | 257064 | Screw | 3 | |
| 12 | WM702001L | Washer spring | 3 | |
| 13 | 603277 | Banjo vacuum signal | 1 | 20G |
| | 610246 | Banjo vacuum signal | 1 | 21G and 24G |
| 14 | 534897 | Bolt banjo | 1 | |
| 15 | 267604 | Washer joint | 2 | |
| 16 | ERC3561 | Pipe water outlet | 1 | |
| 17 | 603441 | Gasket | 1 | |
| | ERR4935 | Gasket | 1 | From Jan 94 |
| 18 | 603561 | Bracket | 1 | |
| 19 | SH504061L | Screw | 2 | |
| 20 | WM600041L | Washer spring | 2 | |
| 21 | NRC2864 | Bracket pipe clip | 2 | |
| 22 | CRC1226 | Clip fuel pipe | A/R | |
| 23 | ERC2297 | Peg air cleaner mounting | 2 | |
| 24 | 4594L | Washer plain | 2 | |
| 25 | 578620 | Valve non return | 1 | |
| 26 | 232043 | Washer joint | 1 | |
| 27 | ERC3493 | Restrictor | 2 | |
| 28 | ERC3729 | Ring spring | 2 | |




**Model** DEFENDER 90
**Page** ADBQHA2A

## ENGINE - INLET MANIFOLD - V8 CARB

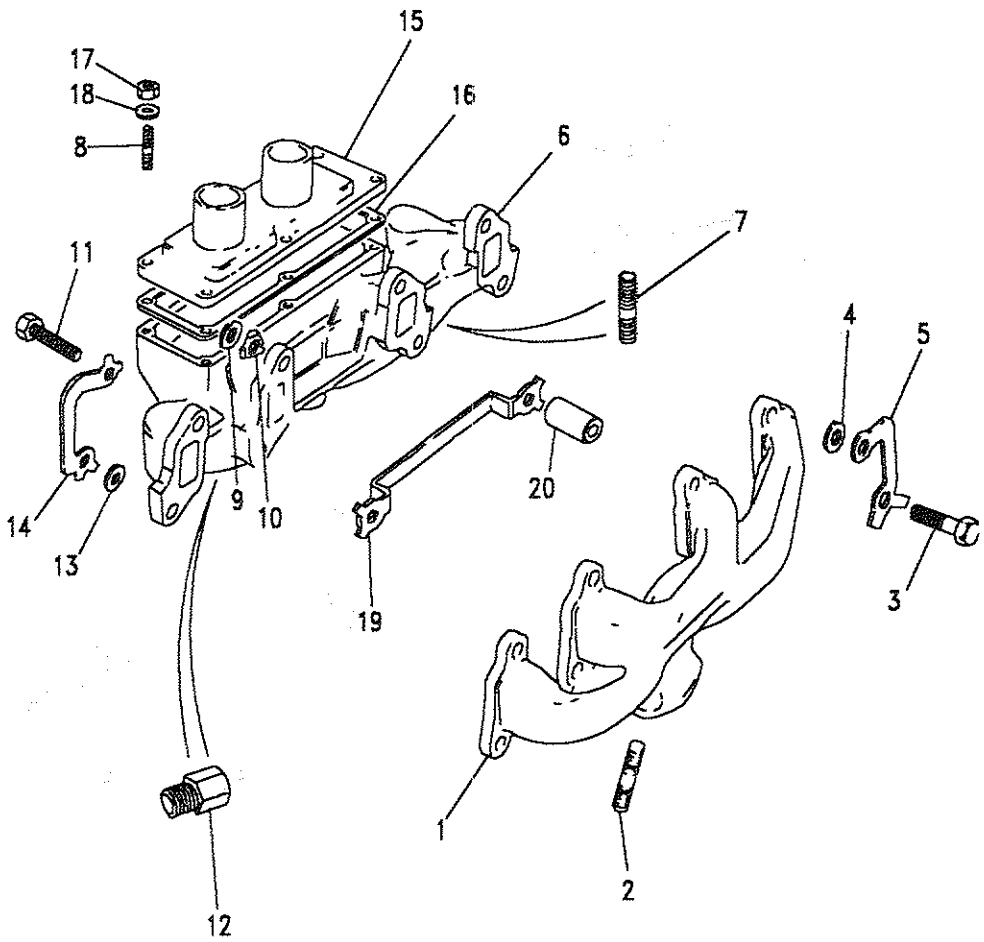
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC2143 | Pipe water outlet | 1 | |
| 2 | FS504047 | Screw | 2 | |
| 3 | WM600041L | Washer spring | 2 | |
| 4 | ERC2320 | Hose heater return | 1 | |
| 5 | RTC3497 | Clip hose | 2 | |
| 6 | ERC3489 | Hose outlet pipe | 1 | |
| 7 | ERC3562 | Hose return pipe | 1 | |
| 8 | ERC3563 | Adaptor outlet | 1 | |
| 9 | CJ600144L | Clip hose | 2 | |
| 10 | RTC3497 | Clip hose | 2 | |
| 11 | 602687 | Thermostat 82o | 1 | |
| 12 | ERC2139 | Elbow water outlet | 1 | NON AIR CON |
| 13 | 611786 | Gasket | 1 | Upto FEB1991 |
| | ERR2429 | Gasket | 1 | From FEB1991 |
| 14 | SH505091L | Screw | 2 | |
| 15 | WM600051L | Washer spring | 2 | |
| 16 | PRC2506 | Transmitter temperature | 1 | |
| | PRC4430 | Transmitter temperature | 1 | HOT CLIMATE |
| 17 | 90568054 | Washer sealing | 1 | |
| 18 | ERC2319 | Hose | 1 | |
| 19 | RTC3497 | Clip hose | 2 | |
| 20 | ERC8639 | Elbow water outlet | 1 | ) |
| 21 | 603224 | Plug blanking | 1 | ) |
| 22 | 232043 | Washer | 1 | ) |
| 23 | 603672 | Retainer HT lead | 1 | )AIR CON |
| 24 | AB610031L | Screw | 1 | ) |
| 25 | PRC3505 | Switch temp sensor fan | 1 | ) |
| 26 | PRC3359 | Switch cut out-GREEN | 1 | ) |
| 27 | C457593L | Washer | 2 | ) |




**Model** DEFENDER 90
**Page** ADBQHA3A

## ENGINE - INLET MANIFOLD - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR4923 | Gasket inlet manifold | 1 | |
| 2 | 602099 | Seal gasket ends | 2 | |
| 3 | 602076 | Clamp | 2 | |
| 4 | 602236 | Bolt | 2 | |
| 5 | BH506161L | Bolt | 2 | |
| 6 | BH506121L | Bolt | 6 | |
| 7 | 90611504 | Bolt | 4 | |
| 8 | 2204L | Washer | 12 | |

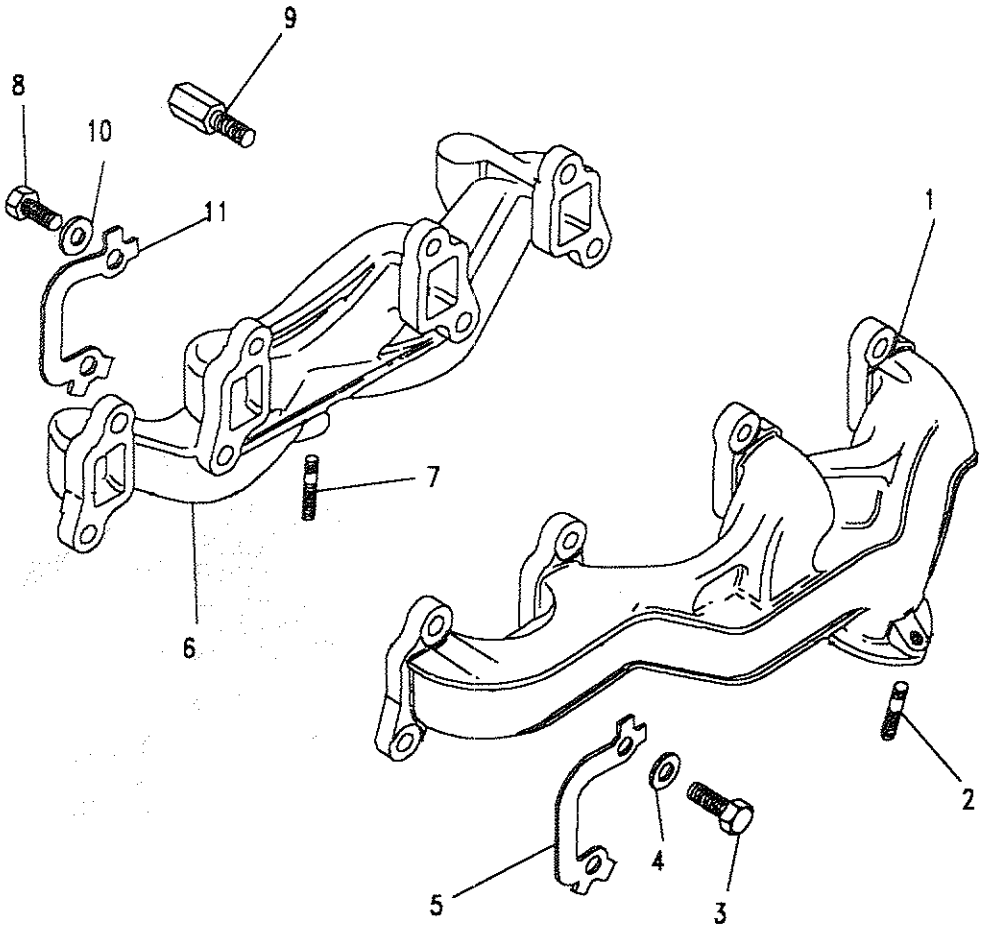



**Model** DEFENDER 90
**Page** ADBQHC2A

## ENGINE - EXHAUST MANIFOLD - DETOXED

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC5068 | Manifold exhaust LH | 1 | Note(1) |
| 2 | 252623 | Stud | 3 | |
| 3 | SH506091L | Screw | 8 | |
| 4 | 3036L | Washer | 8 | |
| 5 | ERC7321 | Washer locking | 4 | |
| 6 | ERC5925 | Manifold exhaust RH | 1 | Note(1) |
| 7 | 252623 | Stud flange | 3 | |
| 8 | ERC3690 | Stud heat cover | 6 | |
| 9 | ERC3699 | Washer | 2 | |
| 10 | 612689 | Washer locking | 2 | |
| 11 | SH506091L | Screw | 5 | |
| | BH506441L | Bolt | 2 | |
| 12 | 614443 | Bolt | 1 | |
| 13 | 3036L | Washer | 4 | |
| 14 | ERC7321 | Lock Washer | 6 | |
| 15 | ERC7611 | Cover heat transfer | 1 | |
| 16 | ERC4989 | Gasket | 1 | |
| 17 | RTC609 | Washer | 6 | |
| 18 | NR604090L | Nut | 6 | |
| 19 | ERC7896 | Washer | 1 | |
| 20 | ERC7897 | Tube spacer | 2 | |

Note(1) Use when exhaust manifold has a conical bore to take an exhaust downpipe with welded olive end

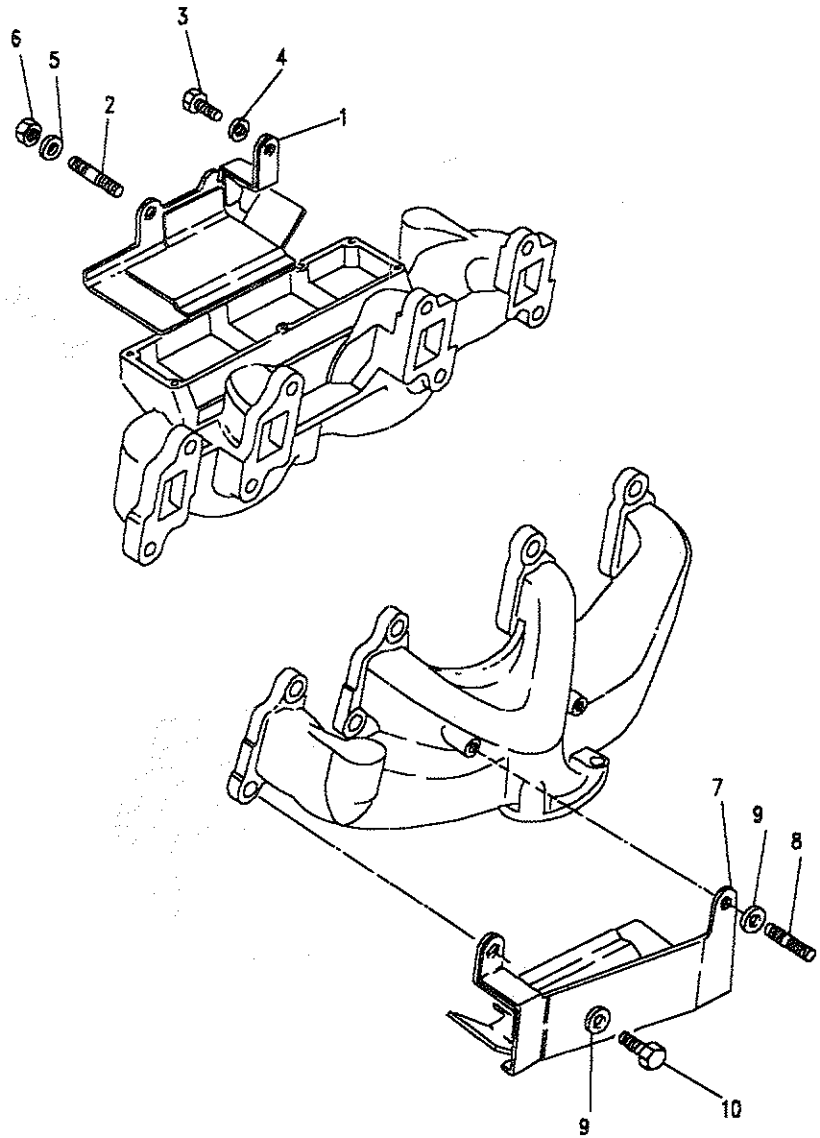



**Model** DEFENDER 90
**Page** ADBQHC3A

**ENGINE - EXHAUST MANIFOLD - V8 CARB - SEE NOTE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC5329 | Manifold exhaust LH | 1 | Upto 24G06490B |
| | ERC5068 | Manifold exhaust LH | 1 | From 24G06491B |
| | ERR2535 | Manifold exhaust LH | 1 | Note(1) |
| 2 | 252623 | Stud-IMPERIAL | 6 | |
| | TE108051L | Stud-METRIC | 6 | |
| 3 | SH506101L | Screw | 8 | |
| 4 | 3036L | Washer | 8 | |
| 5 | ERC7321 | Washer locking | 4 | |
| 6 | ETC6535 | Manifold exhaust RH | 1 | Upto 24G06490B |
| | ERC3102 | Manifold exhaust RH | 1 | From 24G06491B |
| | ERR2533 | Manifold exhaust RH | 1 | Note(1) |
| 7 | 252623 | Stud-IMPERIAL | 3 | |
| | TE108051L | Stud-METRIC | 3 | |
| 8 | SH506101L | Screw | 7 | |
| 9 | 614443 | Bolt | 1 | |
| 10 | 3036L | Washer | 8 | |
| 11 | ERC7321 | Washer locking | 4 | |

Note(1) Latest type manifold with METRIC thread

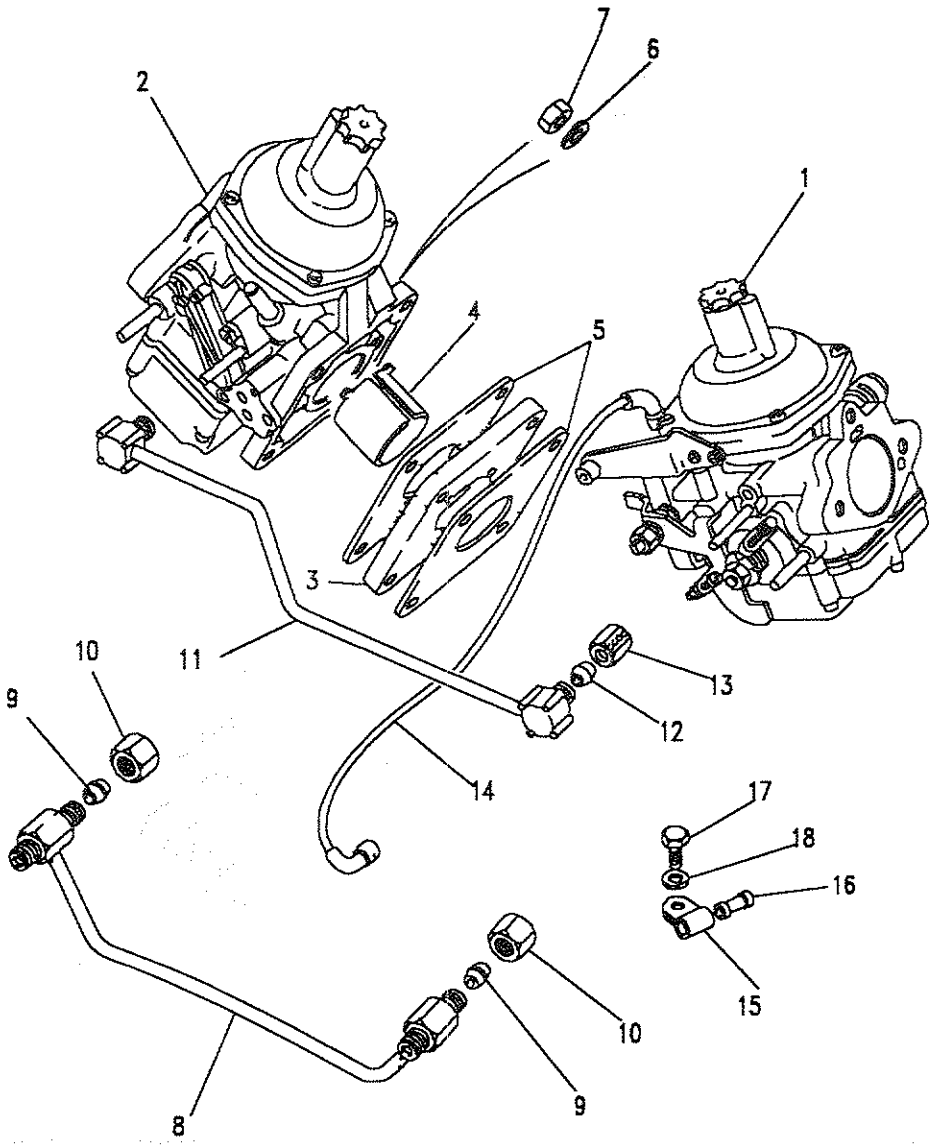



**Model** DEFENDER 90
**Page** ADBQHC4A

**ENGINE - HEATSHIELD - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC5875 | Heatshield solenoid | 1 | Note(1) |
| 2 | ERC3690 | Stud | 1 | |
| 3 | SH605051L | Screw | 1 | |
| 4 | RTC613 | Washer | 1 | |
| 5 | RTC609 | Washer | 1 | |
| 6 | NR604090L | Nut | 1 | |
| 7 | ERC5786 | Heatshield solenoid | 1 | Note(2) |
| 8 | ERC3458 | Stud | 1 | |
| 9 | RTC613 | Washer | 2 | |
| 10 | SH605051L | Screw | 1 | |

Note(1) For detoxed engine Prefix 24G
Note(2) For non-detoxed engine Prefix 20G

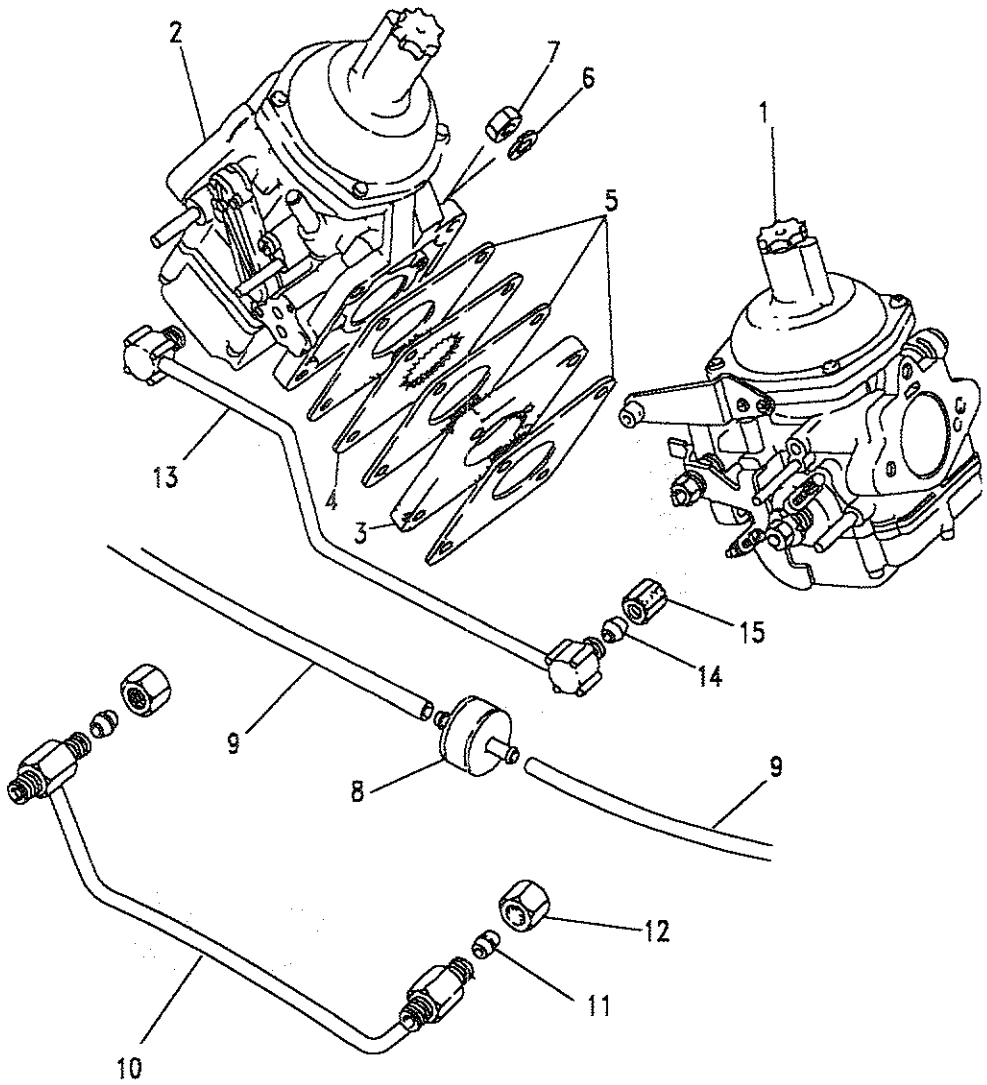



**Model** DEFENDER 90
**Page** ADBQIA1A

## ENGINE - CARBURETTER - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **20G with STROMBERG carburetters-non detoxed** | | | | |
| 1 | ERC6364 | Carburetter LH | 1 | |
| 2 | ERC6365 | Carburetter RH | 1 | |
| 3 | 610849 | Insulator | 2 | |
| 4 | 611026 | Liner | 2 | |
| 5 | ERC2154 | Washer joint | 4 | |
| | ERR4381 | Gasket carb to manifold | 4 | From Jan 94 |
| 6 | WM600051L | Washer spring | 8 | |
| 7 | NH605041L | Nut | 8 | |
| 8 | 612505 | Pipe fuel feed | 1 | |
| 9 | 614555 | Olive | 2 | |
| 10 | 534790 | Nut | 2 | |
| 11 | 613514 | Pipe choke | 1 | |
| 12 | 611015 | Olive | 2 | |
| 13 | 90611014 | Nut | 2 | |
| 14 | 614891 | Pipe vacuum advance | A/R | Note(1) |
| 15 | AEU1449 | Clip | 1 | |
| 16 | 541215 | Grommet | 1 | |
| 17 | FS504055 | Screw | 1 | |
| 18 | WM600041L | Washer spring | 1 | |

Note(1) Supplied as a 31" Length, Cut Off as Required.

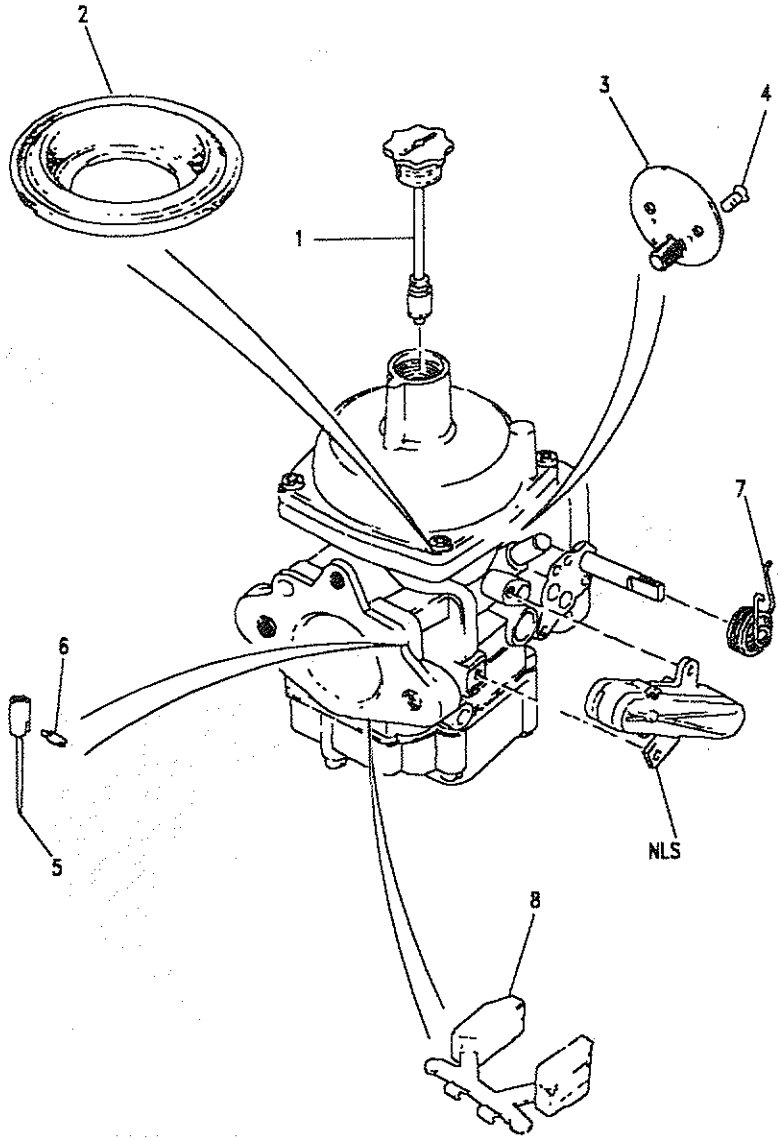



**Model** DEFENDER 90
**Page** ADBQIA2A

**ENGINE - CARBURETTER - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **21G with STROMBERG carburetters-detoxed** | | | | |
| 1 | ERC6362 | Carburetter LH | 1 | |
| 2 | ERC6363 | Carburetter RH | 1 | |
| 3 | 610833 | Insulator | 2 | |
| | ERR4383 | Insulator | 2 | From Jan 94 |
| 4 | 566737 | Deflector | 2 | |
| 5 | ERC2154 | Gasket | 6 | |
| | ERR4381 | Gasket | 6 | From Jan 94 |
| 6 | WM600051L | Washer spring | 8 | |
| 7 | NH605041L | Nut | 8 | |
| 8 | ERC6997 | Delay unit vacuum | 1 | |
| 9 | 614891 | Pipe vacuum | A/R | Note(1) |
| 10 | 612505 | Pipe fuel feed | 1 | |
| 11 | 614555 | Olive | 2 | |
| 12 | 534790 | Nut | 2 | |
| 13 | 613514 | Pipe choke | 1 | |
| 14 | 611015 | Olive | 2 | |
| 15 | 90611014 | Nut | 2 | |

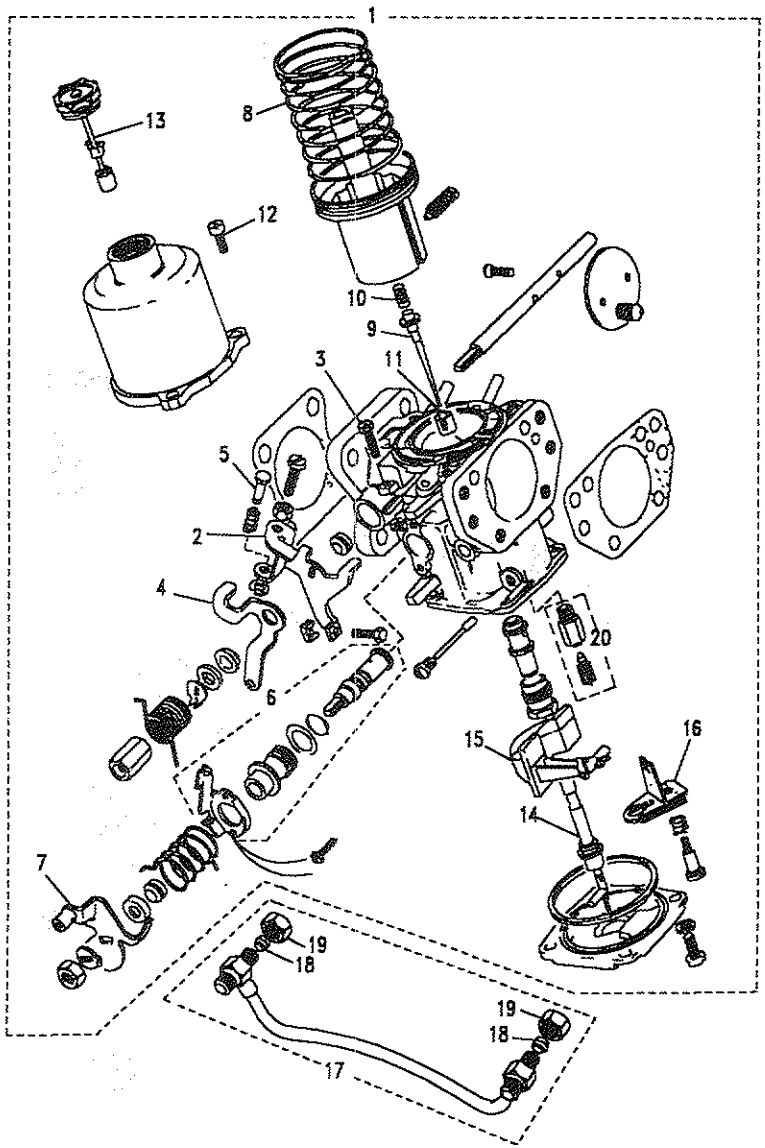
Note(1) Supplied as a 31" Length, Cut Off as Required.




**Model** DEFENDER 90
**Page** ADBQIA3A

## ENGINE - CARBURETTER COMPONENTS STROMBERG - V8 CARB

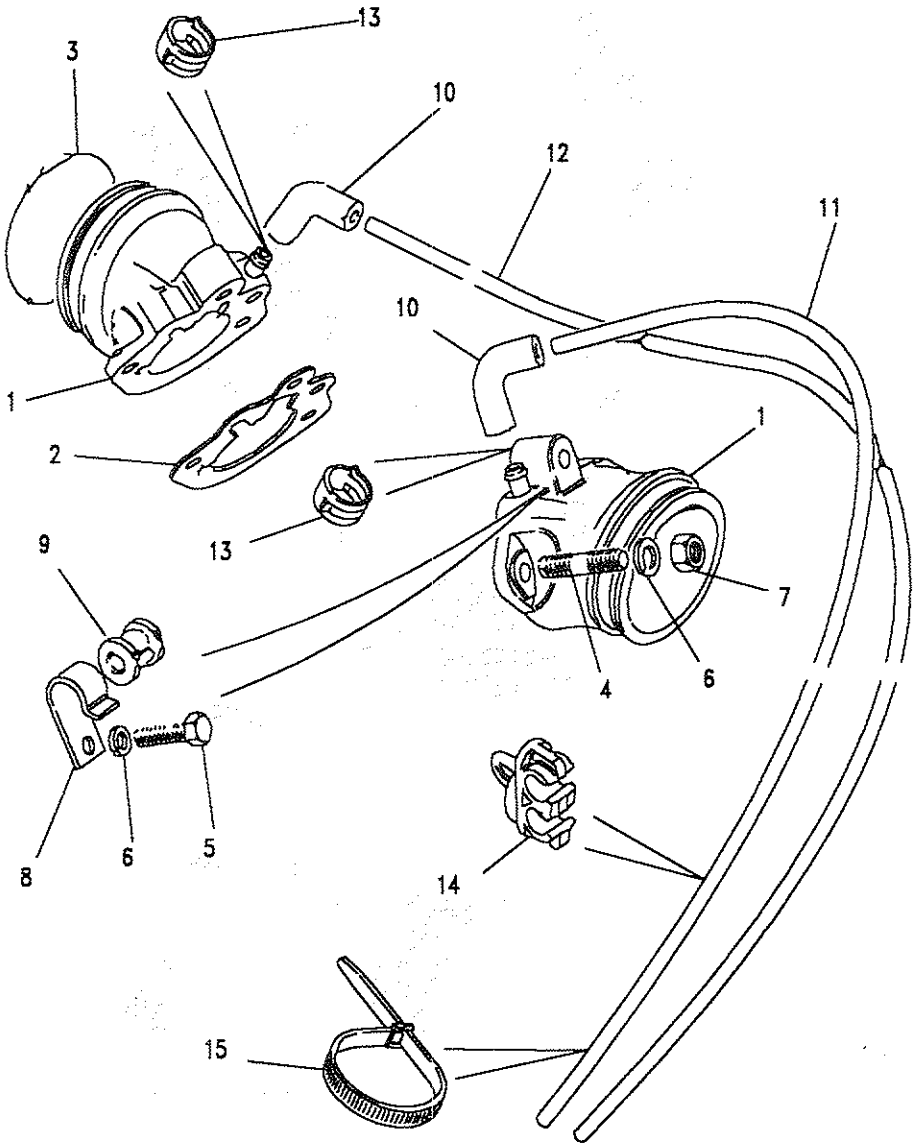
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 605848 | Damper | 2 | |
| 2 | JS499L | Diaphragm | 2 | |
| 3 | 605800 | Throttle | 2 | Engines 20G |
| | AAU7604 | Throttle with Valve | 2 | Engines 21G |
| 4 | 601845 | Screw | 2 | |
| 5 | AEU3077 | Needle carburetter | 2 | Engines 21G |
| | AEU2462 | Needle carburetter | 2 | Engines 20G |
| 6 | 518653 | Screw grub | 2 | |
| 7 | 516951 | Spring return | 2 | |
| 8 | 605833 | Float | 2 | |




**Model** DEFENDER 90
**Page** ADBQIA4A

**ENGINE - CARBURETTER SU - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7122 | Carburetter LH | 1 | |
| | ETC7123 | Carburetter RH | 1 | |
| 2 | LZX2107L | Lever throttle assembly | 1 | |
| 3 | JZX1303L | Screw fast idle | 2 | |
| 4 | AUD4771L | Clip | 2 | |
| 5 | JZX1181L | Screw slow run | 2 | |
| 6 | STC509 | Valve assembly-LH | 1 | |
| | STC510 | Valve assembly-RH | 1 | |
| 7 | LZX1988L | Lever cam-LH | 1 | |
| | LZX1989L | Lever cam-RH | 1 | |
| 8 | AUD4398L | Spring piston (Yellow) | 2 | |
| 9 | NZX8076L | Needle | 2 | |
| 10 | AUD3306L | Spring | 2 | |
| 11 | JZX1039L | Guide | 2 | |
| 12 | JZX1394L | Screw | 6 | |
| 13 | LZX1505 | Damper assembly | 2 | |
| 14 | CUD2788L | Jet assembly-LH | 1 | |
| | CUD2785L | Jet assembly-RH | 1 | |
| 15 | LZX1600L | Float assembly-LH | 1 | |
| | RTC3566 | Float assembly-RH | 1 | |
| 16 | CUD2399L | Bi metal assembly | 2 | |
| 17 | ETC7127 | Pipe fuel feed | 1 | |
| 18 | 612064 | Olive | 2 | |
| 19 | 534790 | Nut | 2 | |
| 20 | STC205 | Needle and seat | 2 | |
| | RTC6072 | Kit seal SU-CARB | 1 | |
| | WZX1505 | Kit gasket SU-CARB | 1 | |

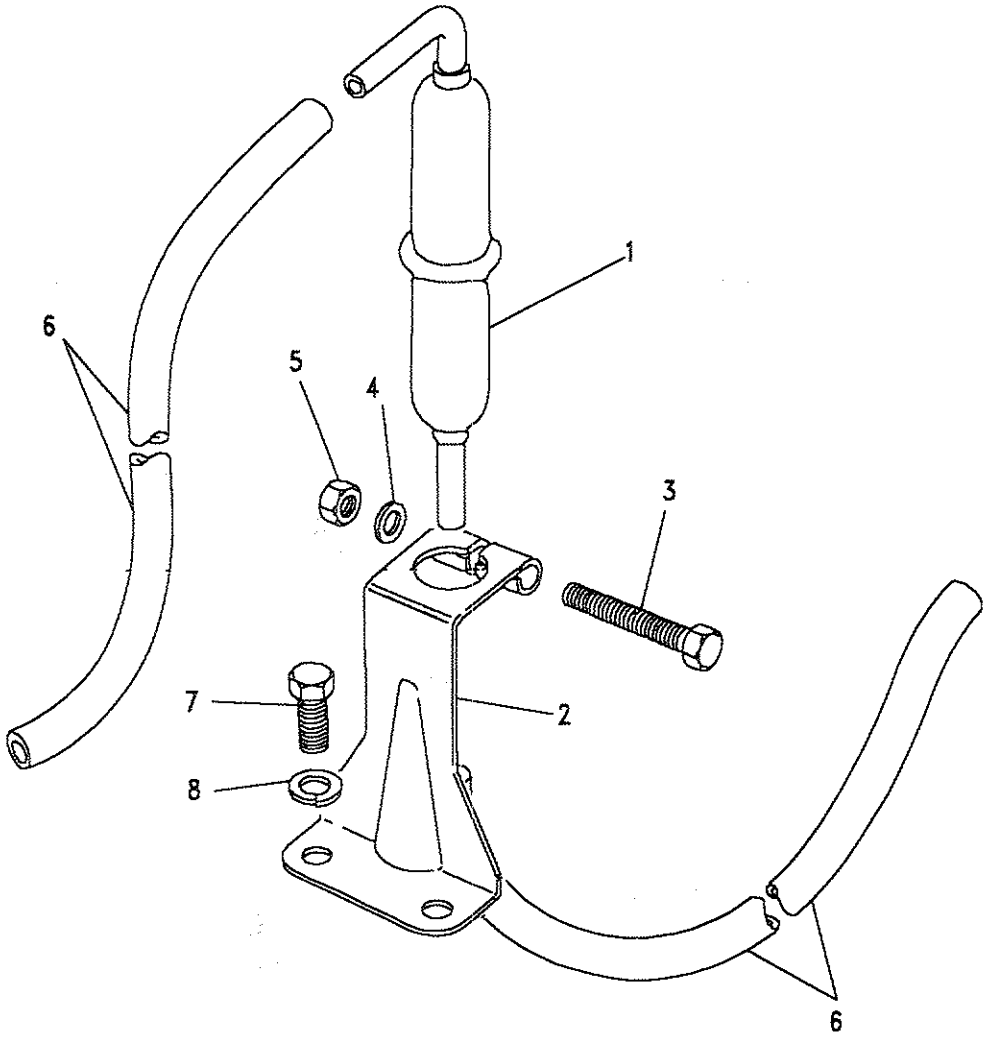



**Model** DEFENDER 90
**Page** ADBQIC1A

## ENGINE - CARBURETTERS ADAPTORS - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC9213 | Adaptor air intake | 2 | )Note(1) |
| 2 | 610327 | Gasket | 2 | ) |
| 1 | ETC7126 | Adaptor air intake | 2 | )Note(2) |
| 2 | 612435 | Gasket | 2 | ) |
| | PKX100030 | Gasket air duct | 2 | From Jan 94 |
| 3 | 602634 | O ring | 2 | |
| 4 | TE505105L | Stud | 4 | |
| 5 | BH505111L | Bolt | 2 | |
| 6 | WM600051L | Washer spring | 6 | |
| 7 | NH605041L | Nut | 4 | |
| 8 | 239600 | Clip adaptor-LH | 1 | LH |
| | 523203 | Clip adaptor-RH | 1 | RH |
| 9 | 273370 | Grommet-LH | 1 | LH |
| 10 | NRC223 | Elbow | 2 | ) |
| 11 | ERC8906 | Vent pipe LH | 1 | )Note(1) |
| 12 | ERC8907 | Vent pipe RH | 1 | ) |
| 10 | 577458 | Elbow | 2 | ) |
| 11 | NTC3793 | Vent pipe LH | 1 | )Note(2) |
| 12 | NTC3794 | Vent pipe RH | 1 | ) |
| 13 | UKC3803L | Clip pipe | 2 | |
| 14 | AFU1342L | Clip | 1 | ) |
| 15 | 573256 | Tie cable | 1 | )Note(1) |
| | 568680 | Tie cable | 1 | ) |
| 14 | 50641 | P Clip | 1 | ) |
| | 589254 | Grommet | 1 | )Note(2) |
| 15 | NTC2292 | Clip pipe | 1 | ) |
| | 594594 | Tie cable | 1 | ) |

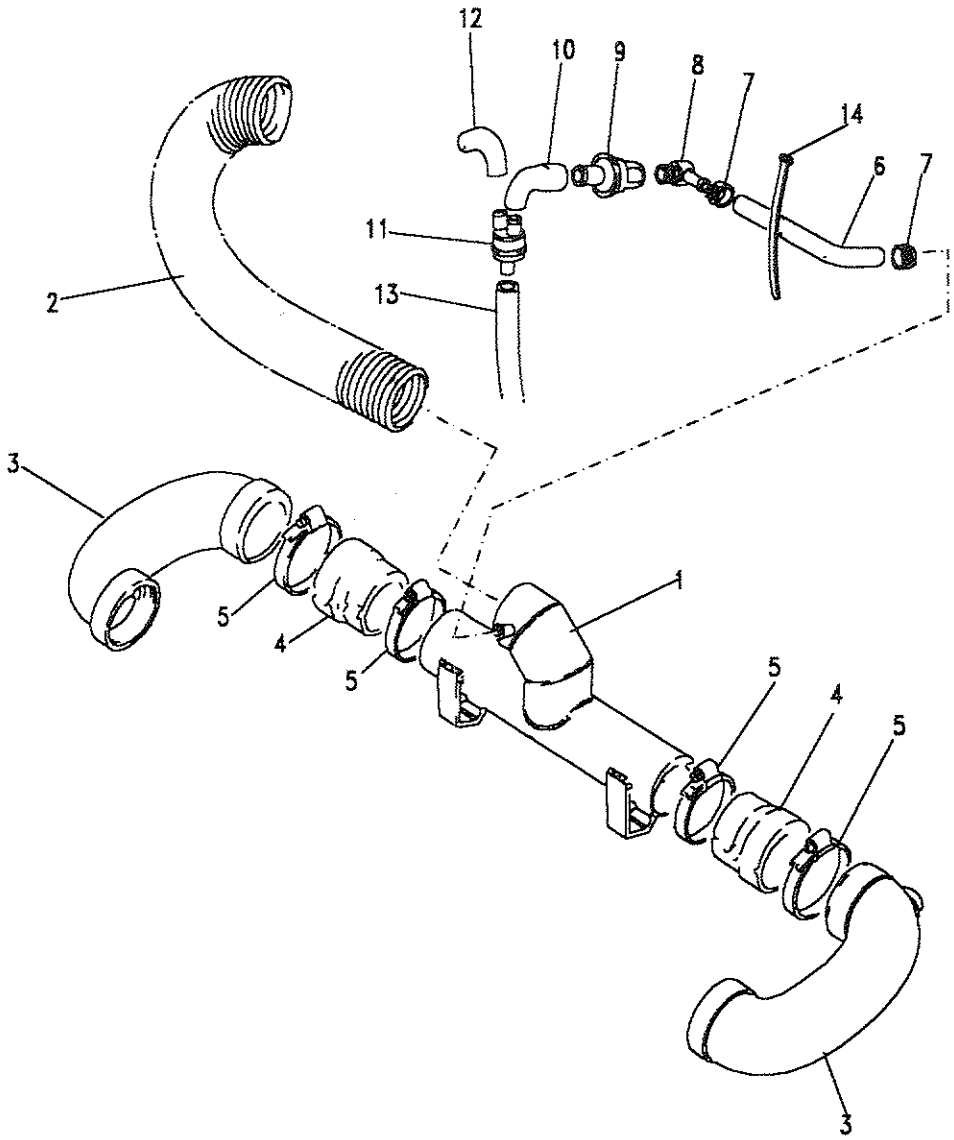
Note(1) Use Only with Stromberg Carburetters
Note(2) Use Only with S.U. Carburetters




**Model** DEFENDER 90
**Page** ADBQIC2A

**ENGINE - FUEL TRAP - DETOXED - V8 CARB**

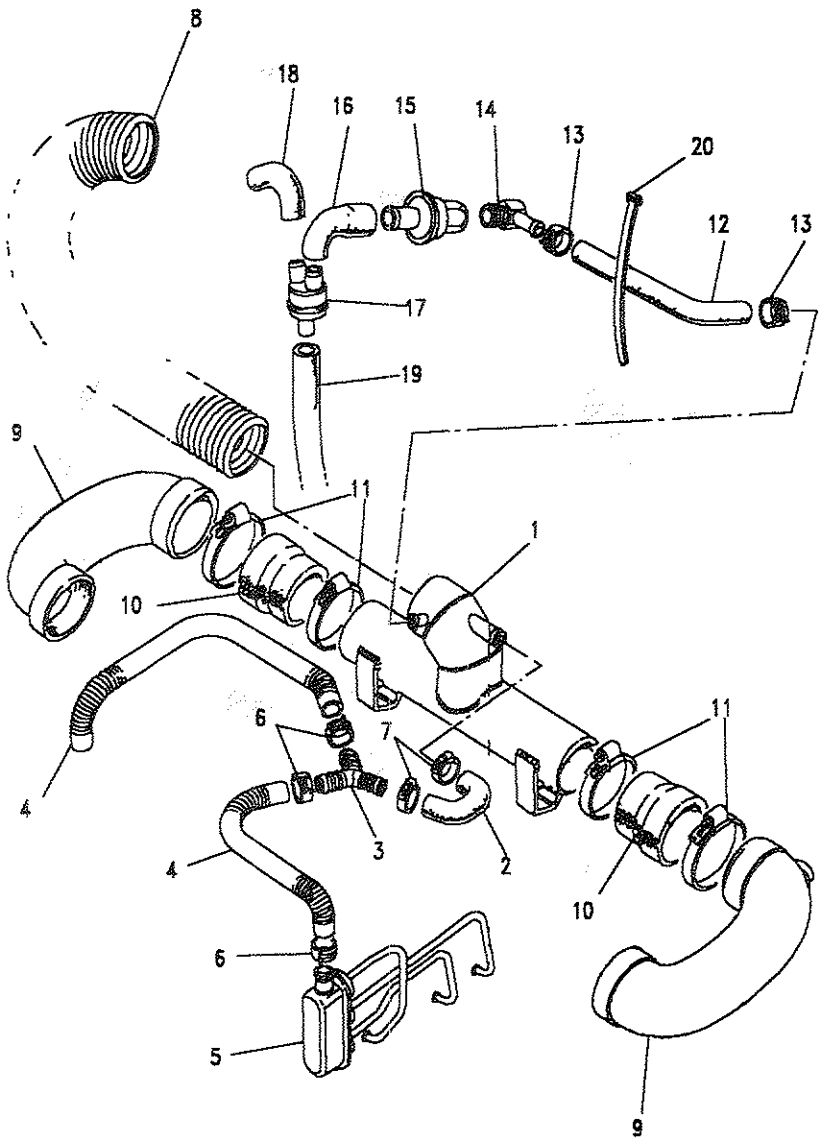
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC2042L | Trap fuel | 1 | |
| 2 | ERC4193 | Support | 1 | |
| 3 | 253942 | Bolt | 1 | |
| 4 | WA702101L | Washer | 2 | |
| 5 | 257071 | Nut | 1 | |
| 6 | 614891 | Pipe vacuum | A/R | |
| 7 | FS504047 | Screw | 2 | |
| 8 | WM600041L | Washer spring | 2 | |




**Model** DEFENDER 90
**Page** ADBQIG1A

## ENGINE - AIR INLETS - NON DETOXED SU CARBS - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7193 | Duct air inlet | 1 | |
| 2 | ERC3956 | Hose | 1 | |
| 3 | ERC5247 | Elbow carburetter | 2 | |
| 4 | ERC3915 | Hose | 2 | |
| 5 | RTC3518 | Clip hose | 4 | |
| 6 | ETC7199 | Hose breather | 1 | |
| 7 | UKC3799L | Clamp hose | 2 | |
| 8 | ETC7201 | Adaptor | 1 | |
| 9 | ERC6878 | Valve non return | 1 | |
| 10 | ETC7189 | Hose breather | 1 | |
| 11 | ETC7188 | Flame trap | 1 | |
| 12 | 611092 | Hose-to rocker | 1 | |
| 13 | 611097 | Hose-to carb | 1 | |
| 14 | 594594 | Tie cable | 1 | |

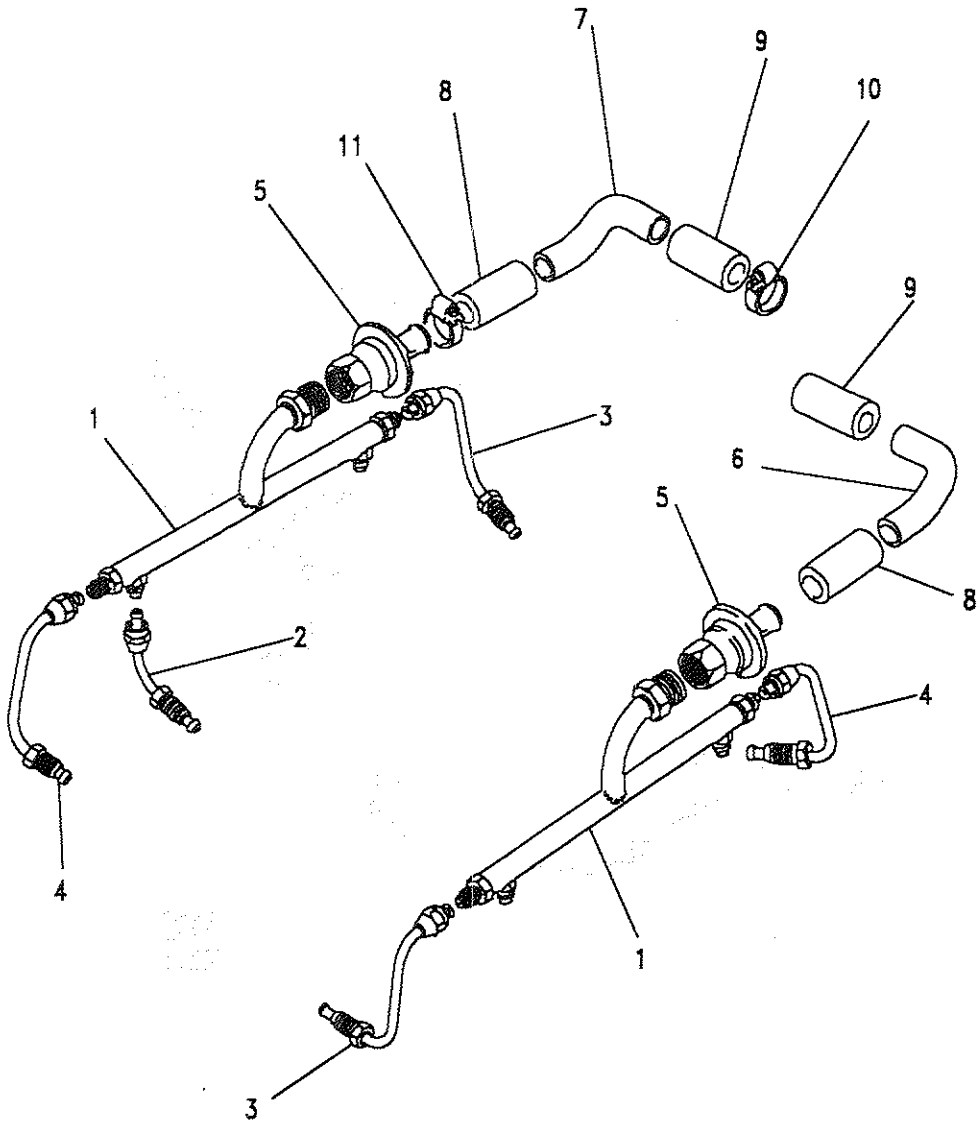



**Model** DEFENDER 90
**Page** ADBQIG2A

**ENGINE - AIR INLETS - DETOXED SU CARBS - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC7195 | Duct air inlet | 1 | ) |
| 2 | ERC9398 | Hose connecting | 1 | ) |
| 3 | ETC6579 | Y connector | 1 | ) |
| 4 | ETC6581 | Hose air flexible | 2 | ) |
| 5 | ETC5989 | Pulsair box assembly LH | 1 | ) |
| | ETC5990 | Pulsair-RH-NON AIR CON | n | )Note(1) |
| | ETC6912 | Pulsair-RH-AIR CON | 1 | ) |
| | ETC6550 | Steady pulsair box LH | 1 | ) |
| | ETC6549 | Steady-RH-NON AIR CON | 1 | ) |
| | ETC6249 | Steady-RH)AIR CON | 1 | ) |
| | ETC7012 | Steady-RH) | 1 | ) |
| 6 | UKC3802L | Hose Clamp | 4 | ) |
| 7 | CN100308L | Hose Clip | 2 | ) |
| 8 | ERC3956 | Hose air | 1 | |
| 9 | ERC5247 | Elbow | 2 | |
| 10 | ERC3915 | Hose | 2 | |
| 11 | RTC3518 | Clip hose | 4 | |
| 12 | ETC7199 | Hose breather | 1 | |
| 13 | UKC3799L | Clamp hose | 2 | |
| 14 | ETC7201 | Adaptor | 1 | |
| 15 | ERC6878 | Valve non return | 1 | |
| 16 | ETC7189 | Hose breather | 1 | |
| 17 | ETC7188 | Flame trap | 1 | |
| 18 | 611092 | Hose-to rocker | 1 | |
| 19 | 611097 | Hose-to carb | 1 | |
| 20 | 594594 | Tie cable | 1 | |
| | ETC5918 | Tube injection | 2 | |

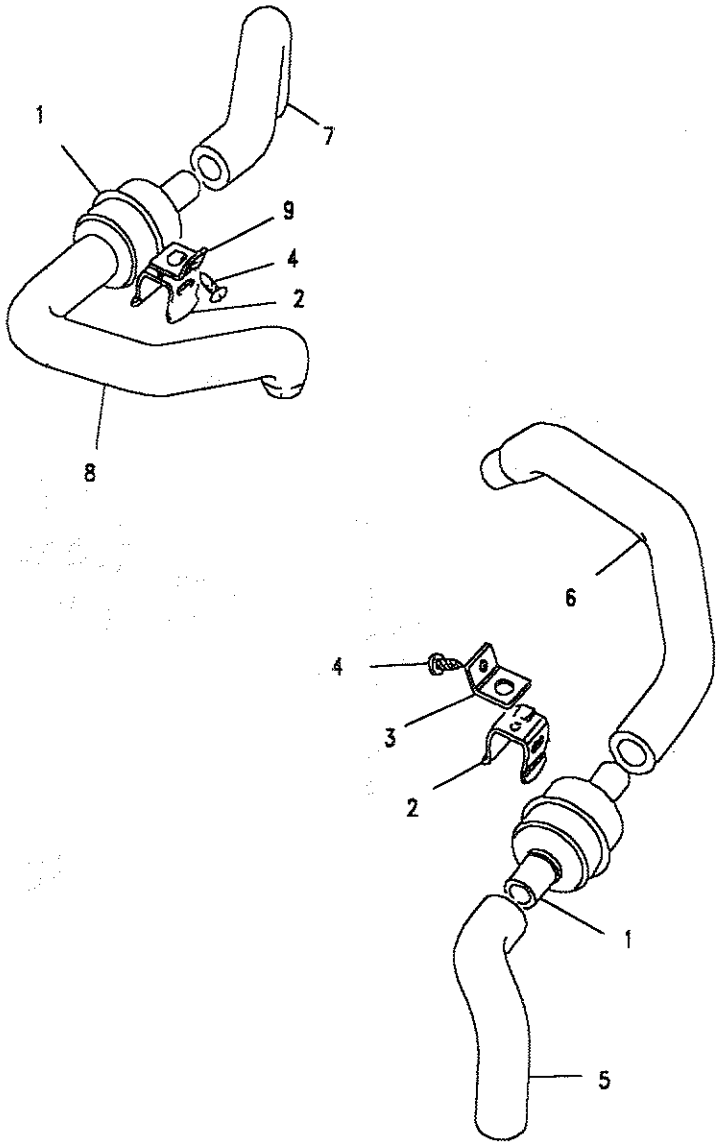
Note(1) From VIN328517 delete these parts and revert to NON-DETOX type




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**Page** ADBQIG3A

**ENGINE - AIR MANIFOLD - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **For Engines 15G,17G,21G** | | | | |
| 1 | ERC9035 | Manifold air | 2 | |
| 2 | ERC3588 | Tube | 4 | |
| 3 | ERC4204 | Tube LH | 2 | |
| 4 | ERC4203 | Tube RH | 2 | |
| 5 | ERC6878 | Valve non return | 2 | |
| 6 | ERC7629 | Pipe connecting LH | 1 | |
| 7 | ERC7630 | Pipe connecting RH | 1 | |
| 8 | ERC9039 | Hose check valve | 2 | |
| 9 | ERC7631 | Hose intake elbow | 2 | |
| 10 | RTC3499 | Clip hose | 4 | |
| 11 | CN100308L | Clip hose | 4 | |

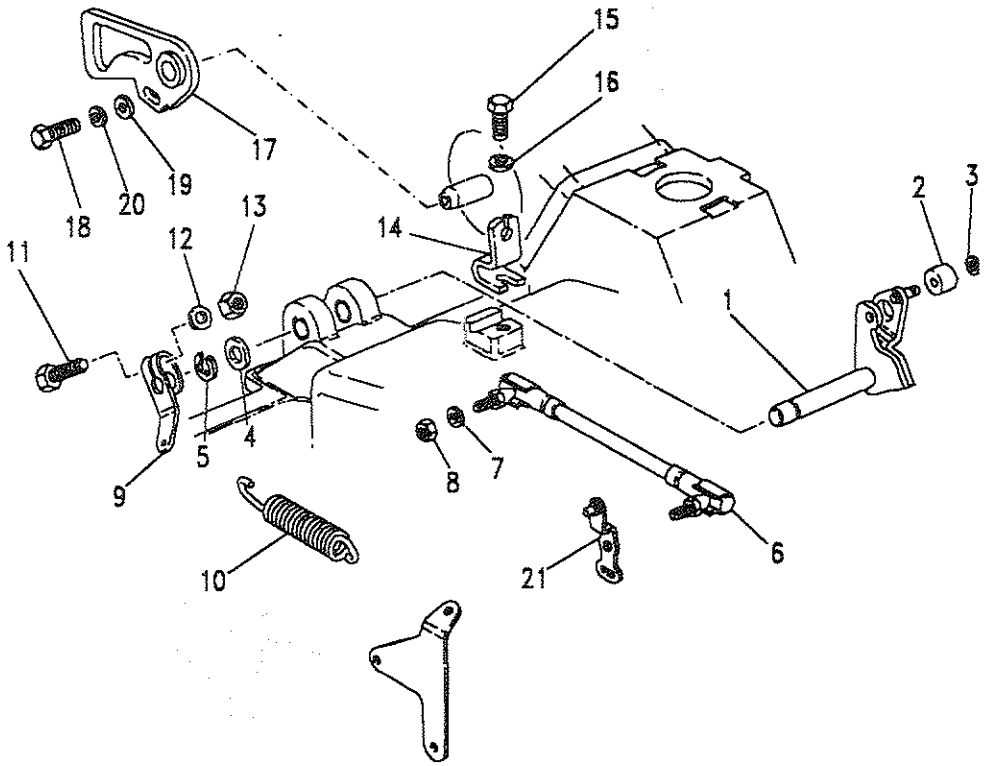



**Model** DEFENDER 90
**Page** ADBQIG4A

## ENGINE - BREATHER HOSE - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 603330 | Flame trap | 2 | |
| 2 | 603376 | Clip | 2 | Note(1) |
| | 90513220 | Clip | 1 | Note(2) |
| 3 | 611351 | Bracket | 1 | |
| 4 | AB610031L | Screw | 2 | |
| 5 | 611114 | Hose to LH rocker cover | 1 | Note(1) |
| 6 | 90611112 | Hose to LH carburetter | 1 | Note(1) |
| 5 | 613718L | Hose to LH rocker cover | 1 | Note(2) |
| 6 | 613402 | Hose to LH carburetter | 1 | Note(2) |
| 7 | ERC3930 | Hose to RH rocker cover | 1 | |
| 8 | ERC3931 | Hose to RH carburetter | 1 | |
| 9 | ERC4670 | Bracket | 1 | |

Note(1) Use with STROMBERG carburetters
Note(2) Use with SU carburetters

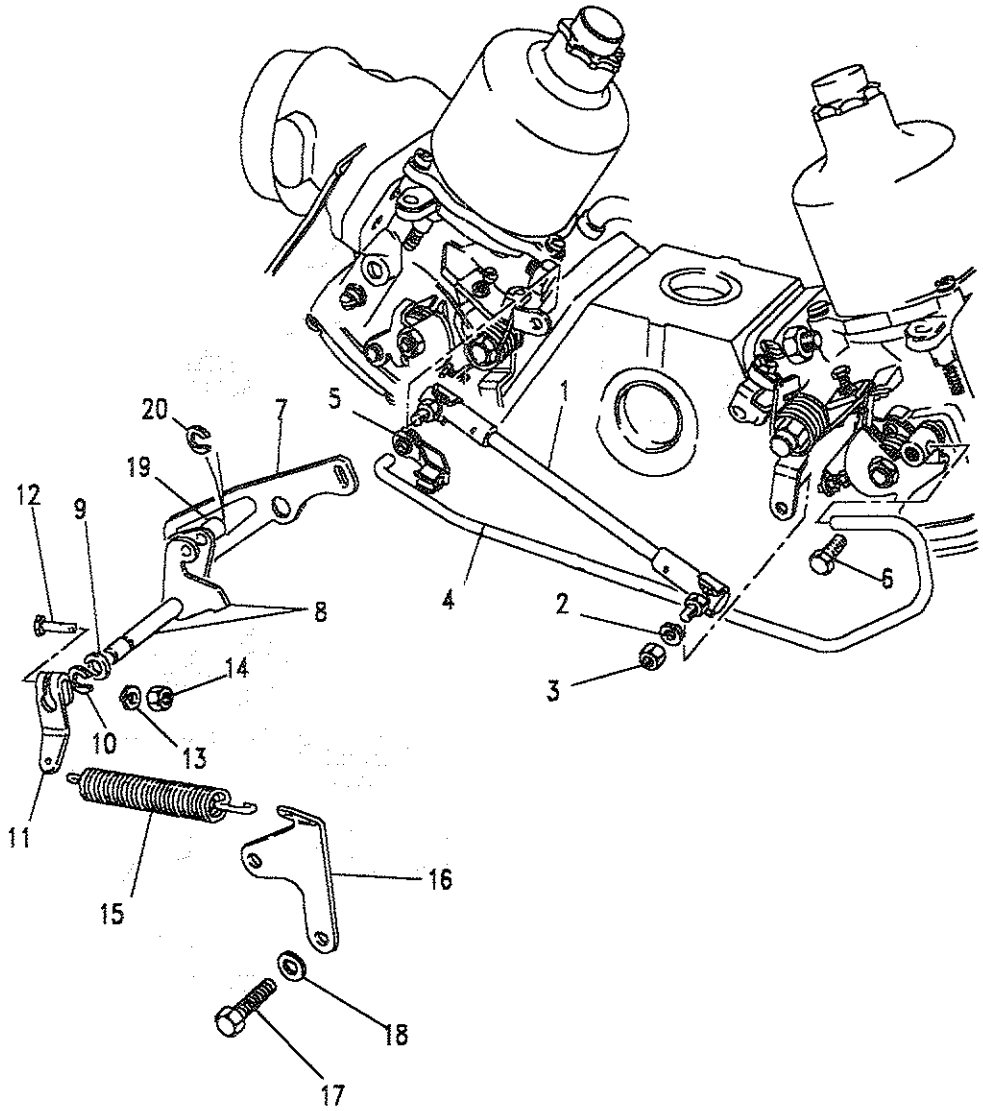



**Model** DEFENDER 90
**Page** ADBQII1A

## ENGINE - THROTTLE LINKAGE STROMBERG - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC2446 | Countershaft | 1 | Note(1) |
| | ETC8513 | Countershaft Lever | 1 | Note(2) |
| 2 | 603237 | Roller countershaft | 1 | Note(1) |
| | ETC8511 | Roller countershaft | 1 | Note(2) |
| 3 | 521452 | Circlip | 1 | |
| 4 | WA108051L | Washer plain | 1 | |
| 5 | 521453 | Circlip | 1 | |
| 6 | ERC7744 | Link assembly | 1 | |
| 7 | WM702001L | Washer spring | 2 | |
| 8 | 257011 | Nut | 2 | |
| 9 | AUD2437L | Lever Throttle Spring | 1 | |
| 10 | 603622 | Spring return | 1 | |
| 11 | 257020 | Screw | 1 | |
| 12 | WA702101L | Washer plain | 1 | |
| 13 | HN2005L | Nut | 1 | |
| 14 | ERC3163 | Bracket anchor | 1 | Note(3) |
| 15 | FS504055 | Screw | 1 | |
| 16 | WA106041L | Washer plain | 1 | |
| 17 | 610333 | Lever throttle LH | 1 | |
| 18 | 257123 | Setscrew | 1 | |
| 19 | WA702101L | Washer plain | 1 | |
| 20 | WM702001L | Washer spring | 1 | |
| 21 | 612320 | Lever adjusting RH | 1 | |

Note(1) Upto 24G02663B except hand throttle
Note(2) From 24G02664B
Note(3) Except hand throttle

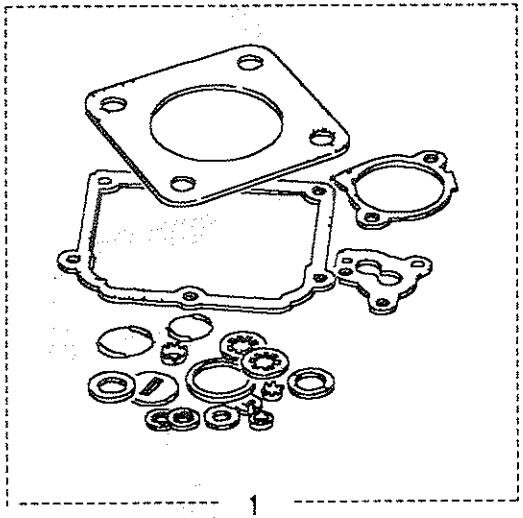


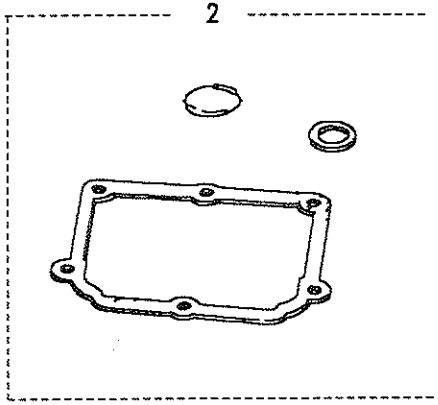

**Model** DEFENDER 90
**Page** ADBQII2A

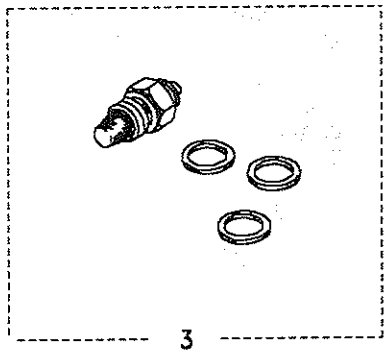
## ENGINE - THROTTLE LINKAGE SU - V8 CARB

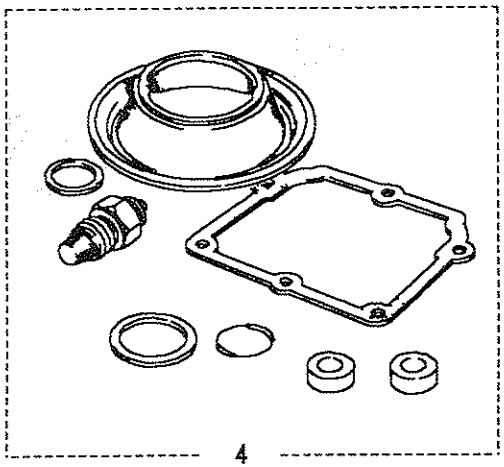
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC4728L | Link assembly | 1 | |
| 2 | WM702001L | Washer spring | 2 | |
| 3 | NH910011L | Nut 10UNF | 2 | |
| 4 | ERC1161L | Rod choke lever | 1 | |
| 5 | 614538L | Clip linkage | 1 | |
| 6 | SH910101 | Screw | 1 | |
| 7 | ETC7061 | Lever throttle cam | 1 | |
| 8 | ETC8513 | Lever | 1 | |
| 9 | WA108051L | Washer | 1 | |
| 10 | 521453 | Circlip | 1 | |
| 11 | AUD2437L | Lever Throttle Spring | 1 | |
| 12 | SH910241L | Screw | 1 | |
| 13 | WA702101L | Washer | 1 | |
| 14 | NH910241L | Nut | 1 | |
| 15 | 603622 | Spring countershaft | 1 | |
| 16 | ERC8626 | Bracket spring anchor | 1 | |
| 17 | FS504047 | Screw ixing bracket | 3 | |
| 18 | WA106041L | Washer fixing bracket | 3 | |
| 19 | ETC8511 | Roller countershaft | 1 | |
| 20 | 521452 | Circlip roller | 1 | |

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**Page** ADBQMA1A



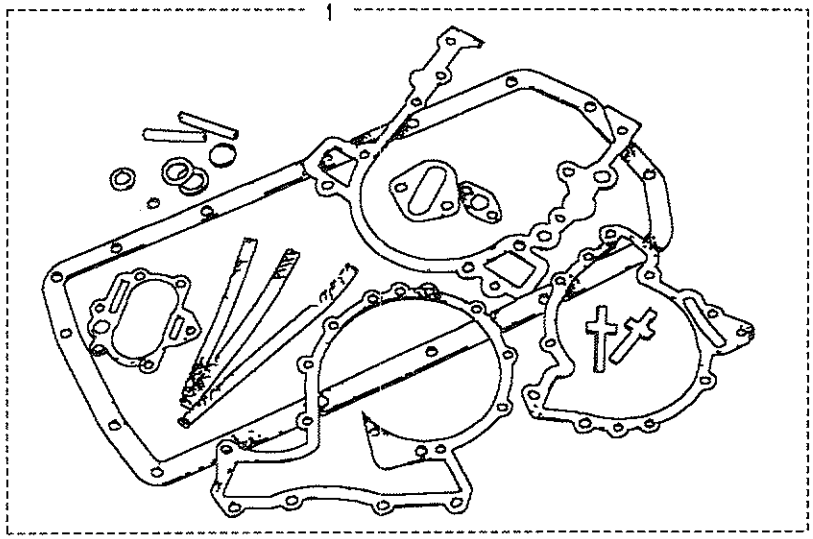



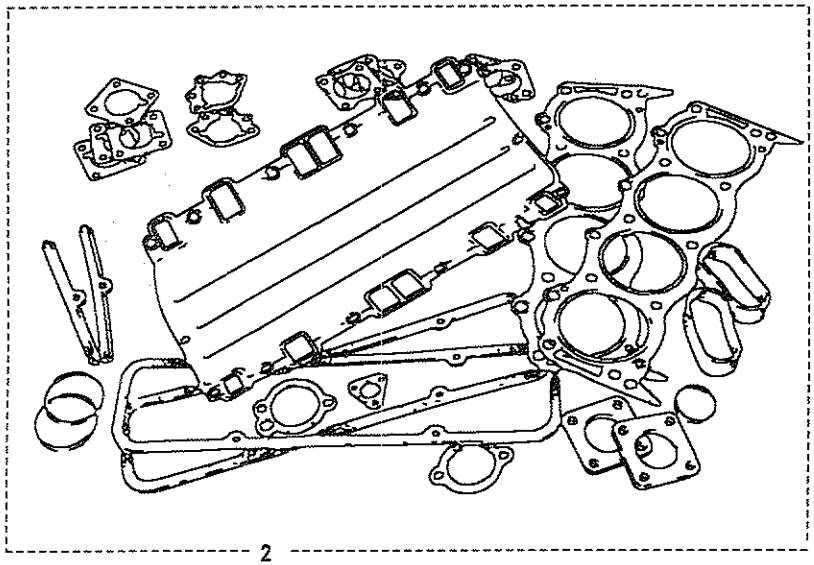




## ENGINE - GASKET KITS - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC1481 | Kit gasket | 1 | |
| 2 | AAU7219L | Emission pack | 1 | 12000-SERVICE |
| 3 | BHM1079L | Needle valve pack | 1 | |
| 4 | AAU2967 | Emission pack | 1 | 24000-SERVICE |

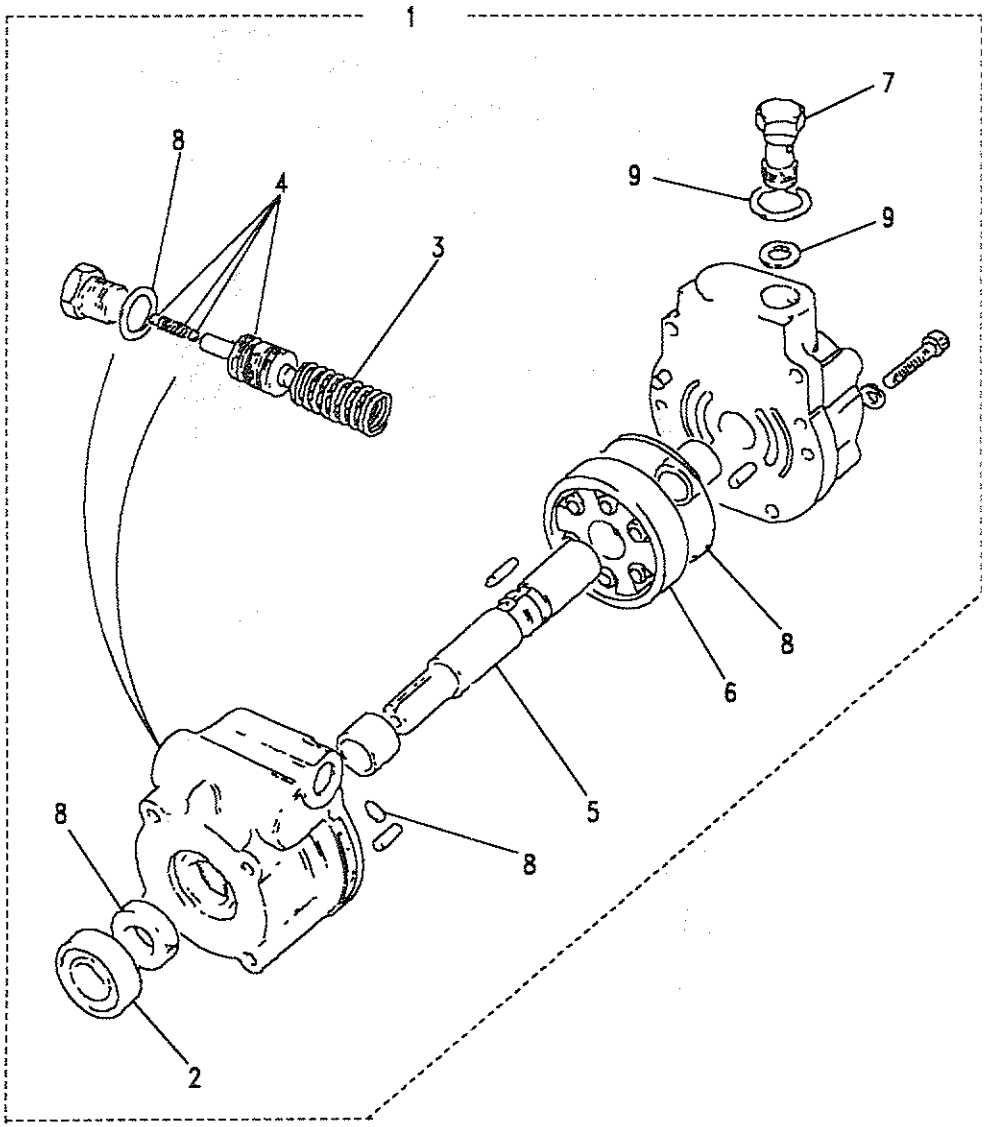



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**Page** ADBQMA2A

## ENGINE - GASKET KITS - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC2104 | Kit engine overhaul | 1 | |
| | STC1639 | Kit gasket overhaul | 1 | Asbestos free |
| 2 | RTC2913 | Kit engine decarbonising | 1 | |
| | STC1566 | Kit gasket cylinder head | 1 | Asbestos free |

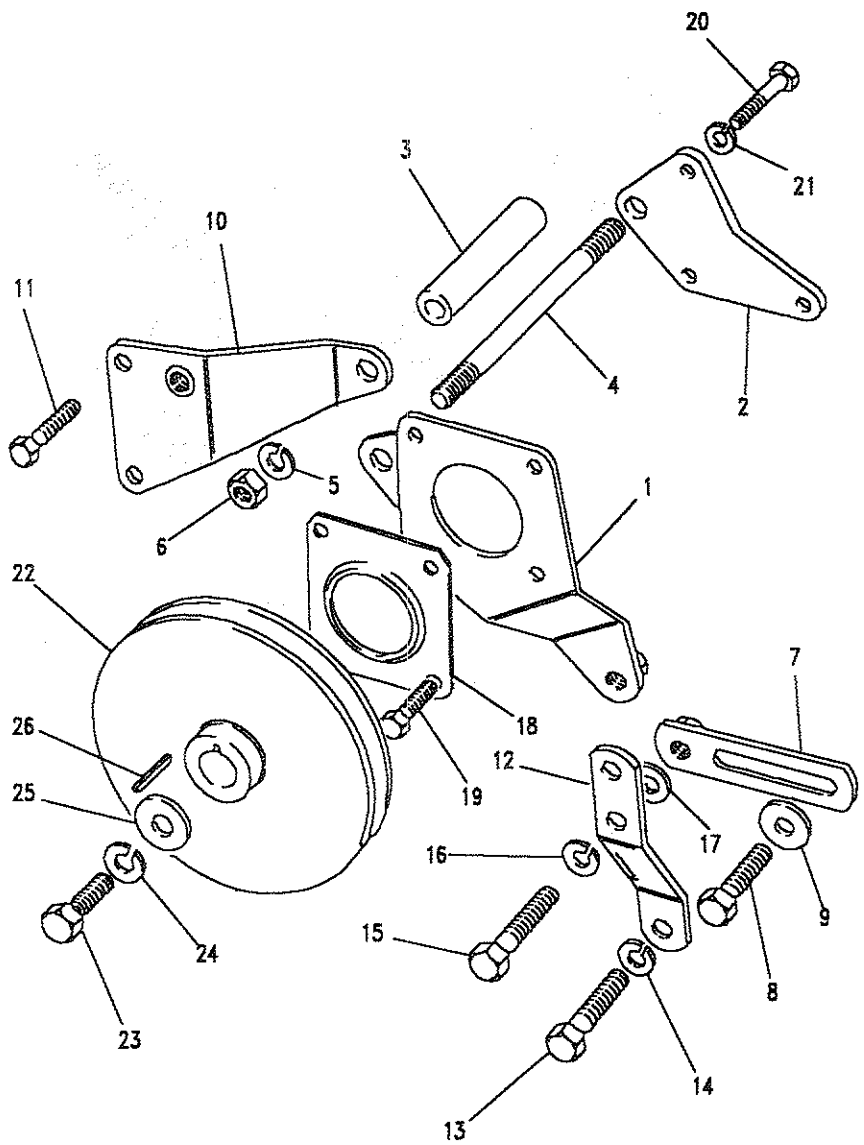



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**Page** ADBQNC1A

## ENGINE - POWER STEERING PUMP - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 610020 | Pump power steering | 1 | Note(1) |
| 2 | 605181 | Bearing | 1 | |
| 3 | 536373 | Spring | 1 | |
| 4 | RTC327 | Valve assembly | 1 | |
| 5 | 605180 | Shaft | 1 | |
| 6 | 605174 | Carrier and roller assy | 1 | |
| 7 | 536382 | Bolt banjo | 1 | |
| 8 | ABU7142 | Kit-oil seals | 1 | |
| 9 | ABU7145 | Kit-gaskets | 1 | |
| 1 | ETC5689 | Pump power steering | 1 | Note(2) |
| 1 | ETC6496 | Pump power steering | 1 | )Note(3) |
| | ETC6647 | Pulley | 1 | ) |

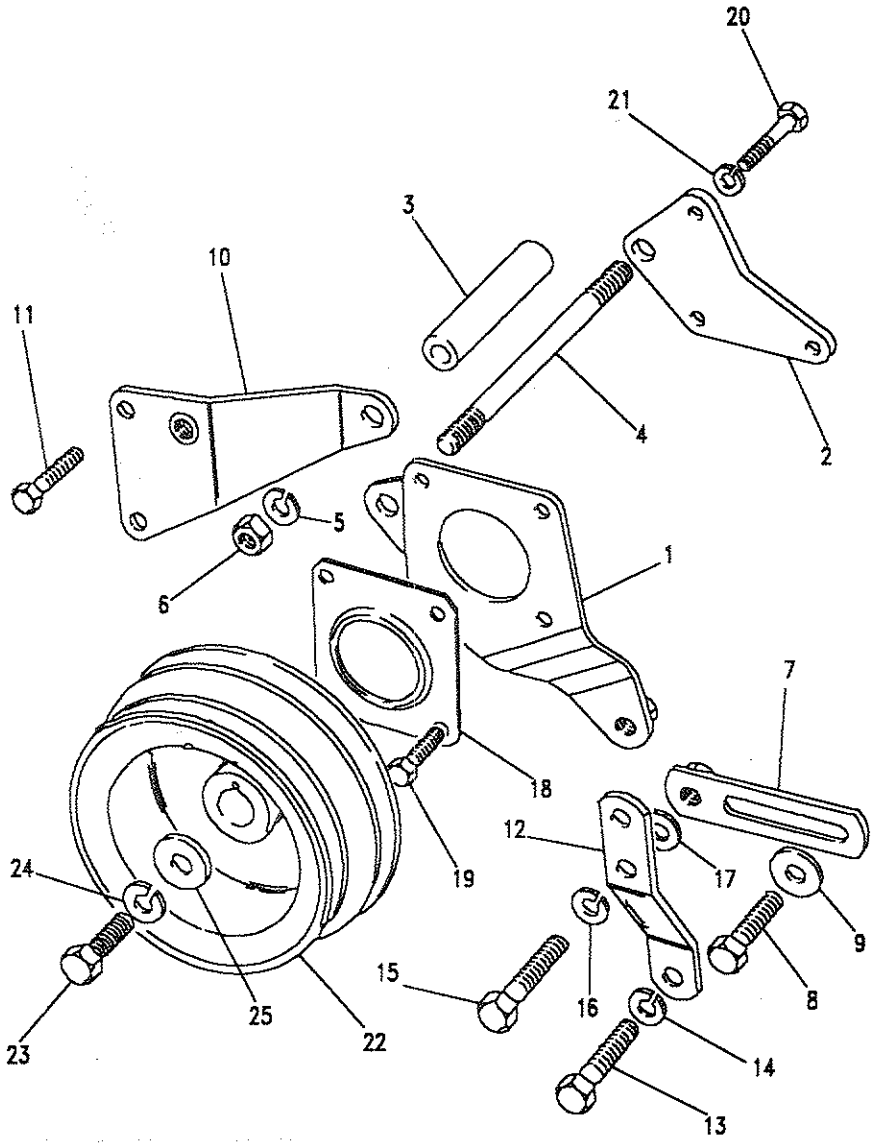
Note(1) Pump illustrated
Note(2) Pump 30 SERIES




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**Page** ADBQNC2A

## ENGINE - POWER STEERING MOUNTINGS - V8 CARB

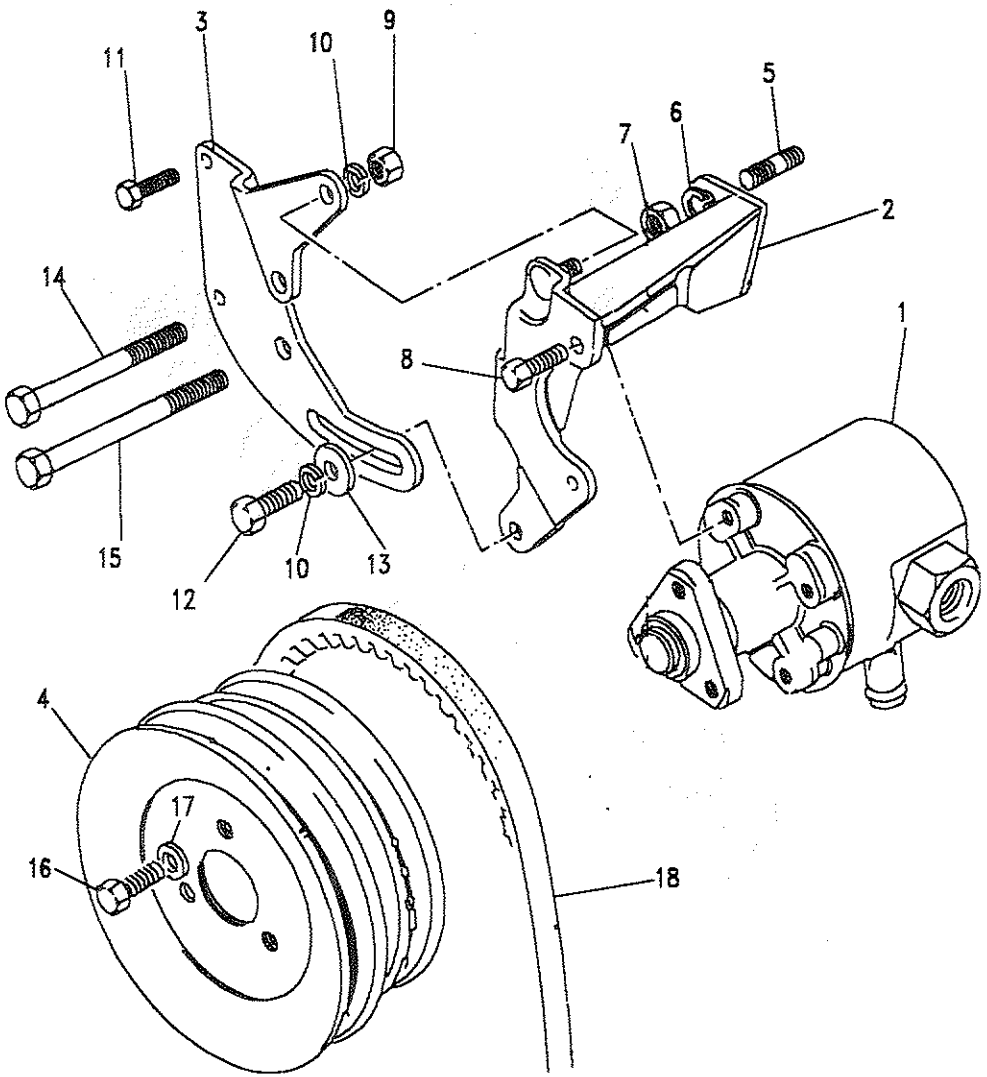
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **For 30 SERIES pump-NON AIR CON** | | | | |
| 1 | 90611439 | Bracket mounting front | 1 | |
| 2 | 603972 | Bracket mounting rear | 1 | |
| 3 | 611215 | Tube distance | 1 | |
| 4 | 610789 | Stud | 1 | |
| 5 | WM600061L | Washer spring | 1 | |
| 6 | NH606041L | Nut | 1 | |
| 7 | 611440 | Link adjusting | 1 | |
| 8 | SH605061L | Link screw/bracket | 1 | |
| 9 | 4478 | Washer plain | 1 | |
| 10 | 90610796 | Bracket support pump | 1 | |
| 11 | BH504121L | Bolt bracket/water pump | 2 | |
| 12 | 611213 | Link pump/bracket | 1 | |
| 13 | SH506071L | Bracket screw/chain cover | 1 | |
| 14 | WM600061L | Washer spring | 1 | |
| 15 | SH605081L | Support screw | 1 | |
| 16 | WM600051L | Washer spring | 1 | |
| 17 | 4581 | Washer plain | 1 | |
| 18 | 611212 | Retainer | 1 | |
| 19 | SH604061L | Screw pump/bracket | 4 | |
| 20 | SH604061L | Screw pump/rear bracket | 3 | |
| 21 | WM600041L | Washer spring | 3 | |
| 22 | 611379 | Pulley single groove | 1 | |
| 23 | SH505071L | Screw pulley/pump | 1 | |
| 24 | WM600051L | Washer spring | 1 | |
| 25 | 2217L | Washer plain | 1 | |
| 26 | 554880 | Key | 1 | |




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**Page** ADBQNC3A

## ENGINE - POWER STEERING MOUNTINGS - V8 CARB

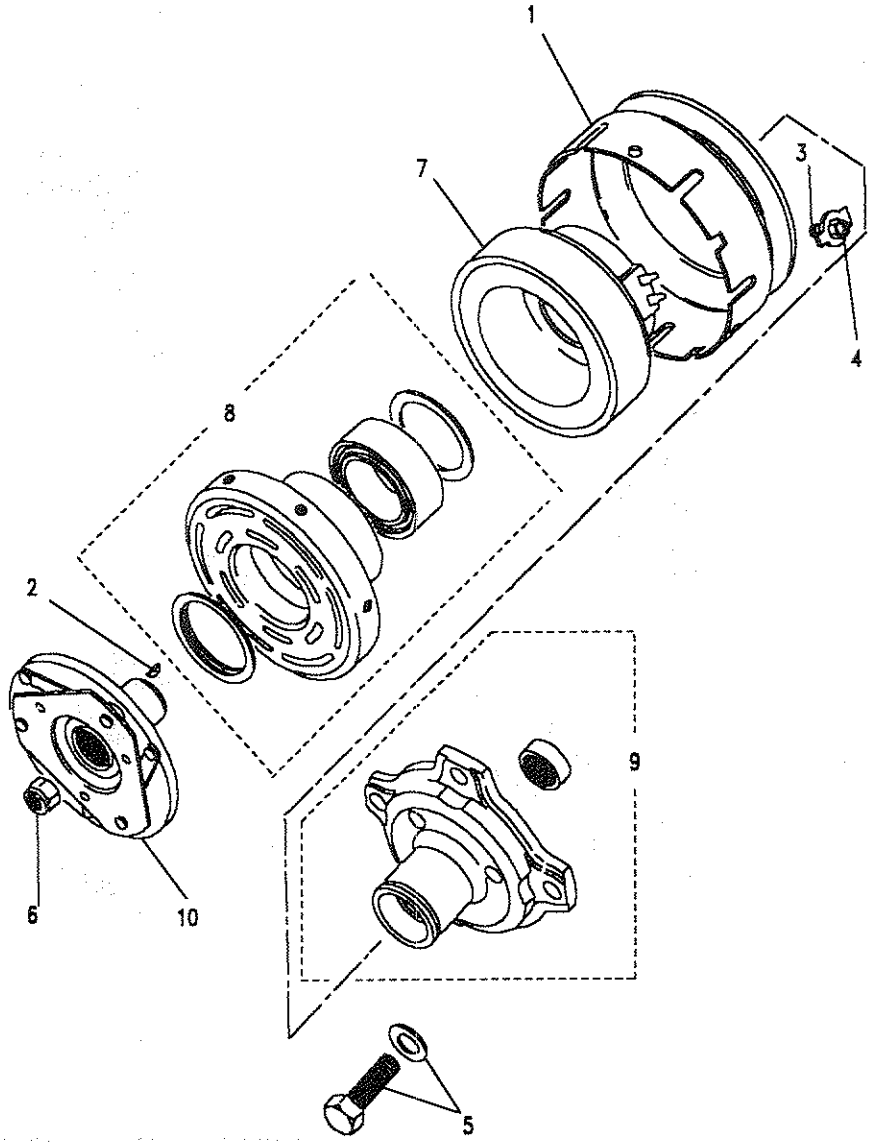
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **For 30 SERIES pump-AIR CON** | | | | |
| 1 | 614743 | Bracket mounting front | 1 | |
| 2 | 603972 | Bracket mounting rear | 1 | |
| 3 | 611215 | tube distance | 1 | |
| 4 | 610789 | Stud | 1 | |
| 5 | WM600061L | Washer spring | 1 | |
| 6 | NH606041L | Nut | 1 | |
| 7 | 611440 | Link adjusting | 1 | |
| 8 | SH605061L | Screw link/bracket | 1 | |
| 9 | 4478 | washer plain | 1 | |
| 10 | 90610796 | Bracket support pump | 1 | |
| 11 | BH504121L | Bolt bracket/water pump | 2 | |
| 12 | 611213 | Link pump/bracket | 1 | |
| 13 | SH506071L | Screw bracket/chain cover | 1 | |
| 14 | WM600061L | Washer spring | 1 | |
| 15 | SH605081L | Screw support bracket | 1 | |
| 16 | WM600051L | Washer spring | 1 | |
| 17 | 4581 | Washer plain | 1 | |
| 18 | 611212 | Retaining bearing | 1 | |
| 19 | SH604061L | Screw pump/bracket | 4 | |
| 20 | SH604061L | Screw pump/rear bracket | 3 | |
| 21 | WM600041L | Washer spring | 3 | |
| 22 | 610792 | Pulley twin groove | 1 | |
| 23 | SH505071L | Screw pulley/pump | 1 | |
| 24 | WM600051L | Washer spring | 1 | |
| 25 | 2217L | Washer plain | 1 | |




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**Page** ADBQNC4A

## ENGINE - POWER STEERING PUMP & MOUNTINGS - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **For 200 SERIES pump** | | | | |
| 1 | ANR2003 | Pump power steering | 1 | Upto24G10889A |
| | RTC6760 | Spacer | 1 | |
| 1 | NTC9198 | Pump power steering | 1 | From24G10890A |
| 2 | ETC6486 | Bracket mounting front | 1 | |
| 3 | ETC6607 | Bracket mounting pump | 1 | |
| 4 | ETC6647 | Pulley single groove | 1 | NON AIR CON |
| | ETC5665 | Pulley twin A133 alt | 1 | AIR CON |
| | ETC6408 | Pulley twin A127 alt | 1 | AIR CON |
| 5 | TE506101L | Stud 3/8" UNF | 1 | |
| | SS506060 | Screw socket | 1 | |
| 6 | WM600061IL | Washer spring | 1 | |
| 7 | NH606045L | Nut 3/8" UNF | 1 | |
| 8 | FS106167 | Screw M6x16 long | 3 | |
| 9 | NH108041L | Nut M8 | 1 | |
| 10 | WM600051L | Washer spring | 3 | |
| 11 | BH504121L | Bolt | 3 | |
| 12 | SH108251L | Screw M8x25 Long | 1 | |
| 13 | 4594L | Washer plain | 1 | |
| 14 | BH505401L | Bolt | 1 | |
| 15 | BH505401L | Bolt 5/16"UNCx5"long | 1 | |
| 16 | FS108201 | Screw | 3 | |
| 17 | WA108051L | Washer plain | 3 | |
| 18 | 614106 | Belt | 1 | |
| | 554880 | Key | 1 | )Centre Hole |
| | 2217L | Washer plain | 1 | )Pulley |
| | SH505071L | Screw pulley pump | 1 | )Fixings |
| | RTC5935 | Seal kit (ETC6496) | 1 | |
| | STC1633 | Kit seal | 1 | From Jan 94 |

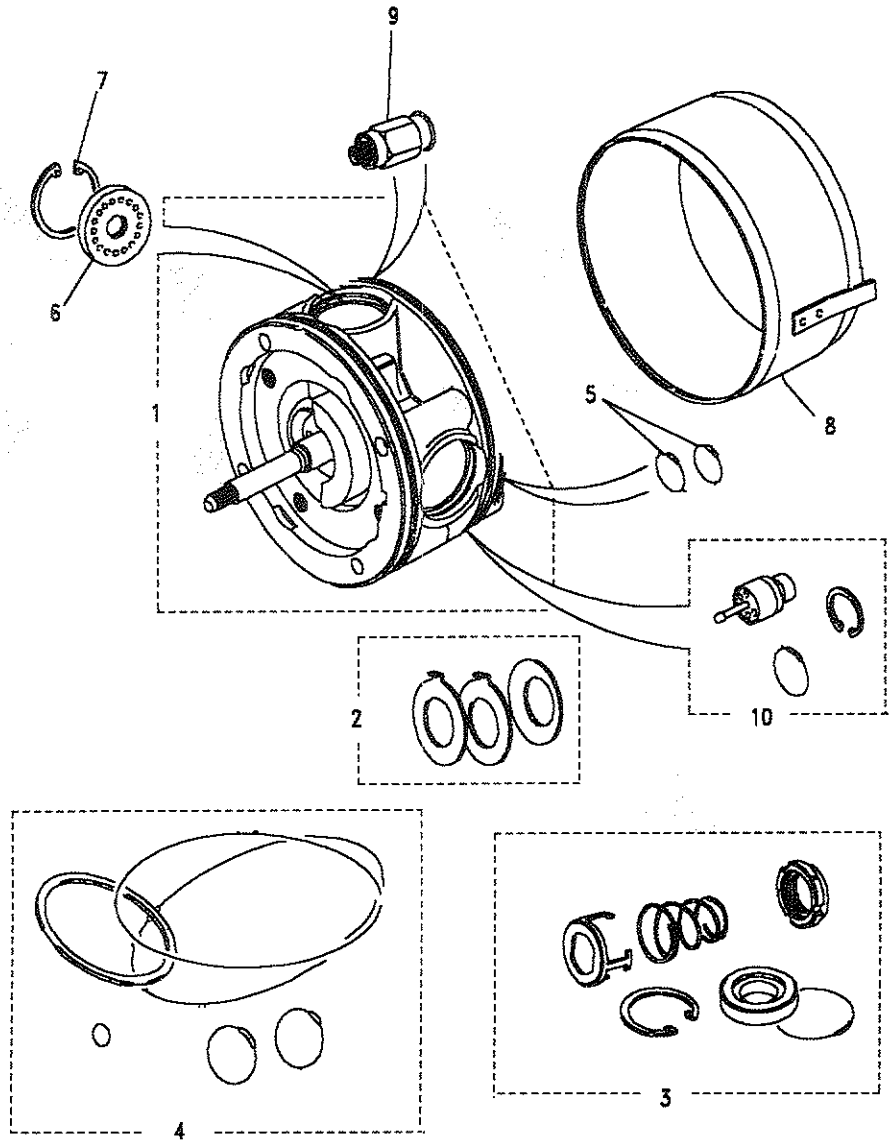



**Model** DEFENDER 90
**Page** ADBQNE1A

**ENGINE - AIR CONDITIONING - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | BTR9419 | Compressor assembly | 1 | Note(2) |
| | ERC6480 | Compressor assembly | 1 | Note(1) |
| 1 | AEU1782 | Pulley rim | 1 | |
| 2 | AEU1694 | Key-clutch hub | 1 | |
| 3 | AEU1780 | Screw-rim mounting | 6 | |
| 4 | AEU1779 | Washer-rim mounting | 6 | |
| 5 | AEU1784 | Screw and washer assy | 4 | |
| 6 | AEU1775 | Nut-shaft | 1 | |
| 7 | AEU1778 | Coil and housing assy | 1 | |
| 8 | AEU1777 | Rotor and bearing assy | 1 | |
| 9 | AEU1785 | Front head and bearing | 1 | |
| 10 | AEU1776 | Clutch assembly | 1 | |

Note(1) Up to VIN MA949374
Note(2) From VIN MA949375




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**Page** ADBQNE2A

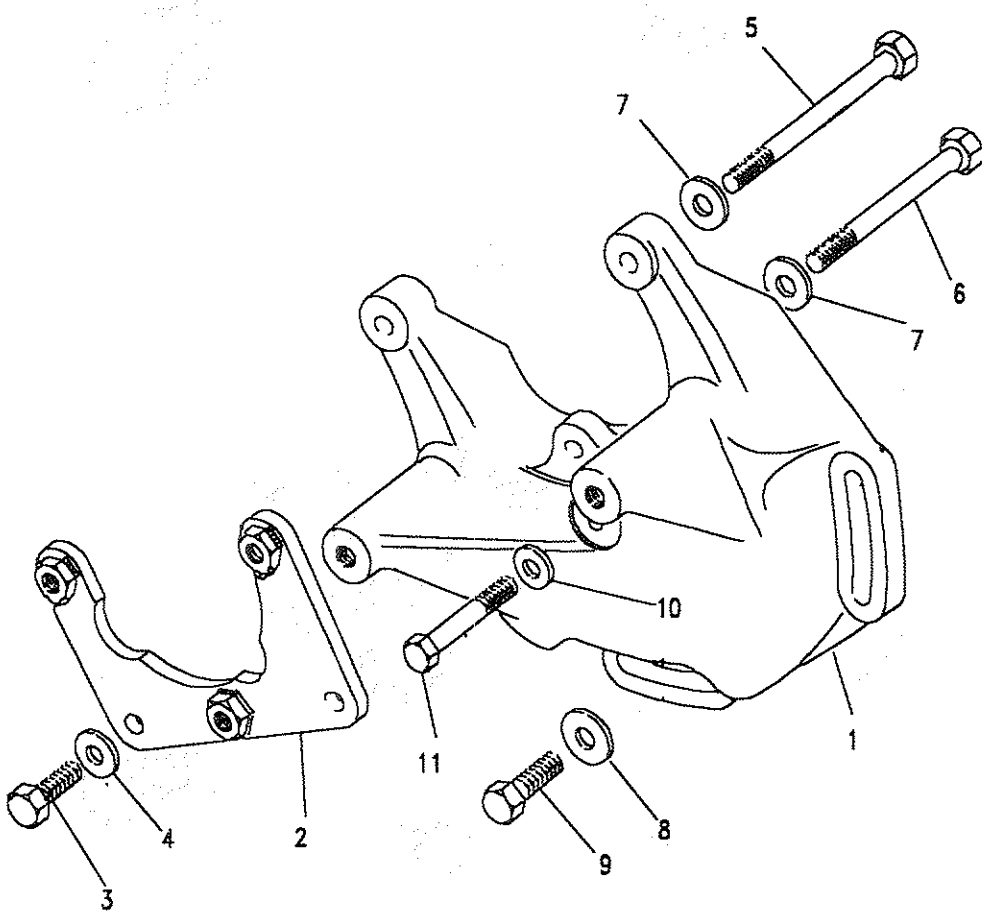
**ENGINE - AIR CONDITIONING - V8 CARB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | BTR9419 | Compressor assembly | 1 | Note(2) |
| | ERC6480 | Compressor assembly | 1 | Note(1) |
| 1 | AEU1792 | Kit-cylinder and shaft | 1 | |
| 2 | AEU1791 | Kit-thrust washer | 1 | |
| 3 | AEU1790 | Kit-shaft seal | 1 | |
| 4 | AEU1192 | Kit-'O'rings | 1 | |
| 5 | AEU1690 | 'O'ring-ports | 2 | |
| 6 | AEU1788 | Plate valve assembly | 4 | |
| 7 | AEU1787 | Ring retaining | 4 | |
| 8 | AEU1786 | Shell assembly | 1 | |
| 9 | AEU1689 | Vale pressure releasee | 1 | |
| 10 | AEU1688 | Kit-super heat switch | 1 | |
| | 603713 | Belt-driving | 1 | |
| | AEU1691 | Oil-525 Visco-2pt(1136ml) | A/R | |

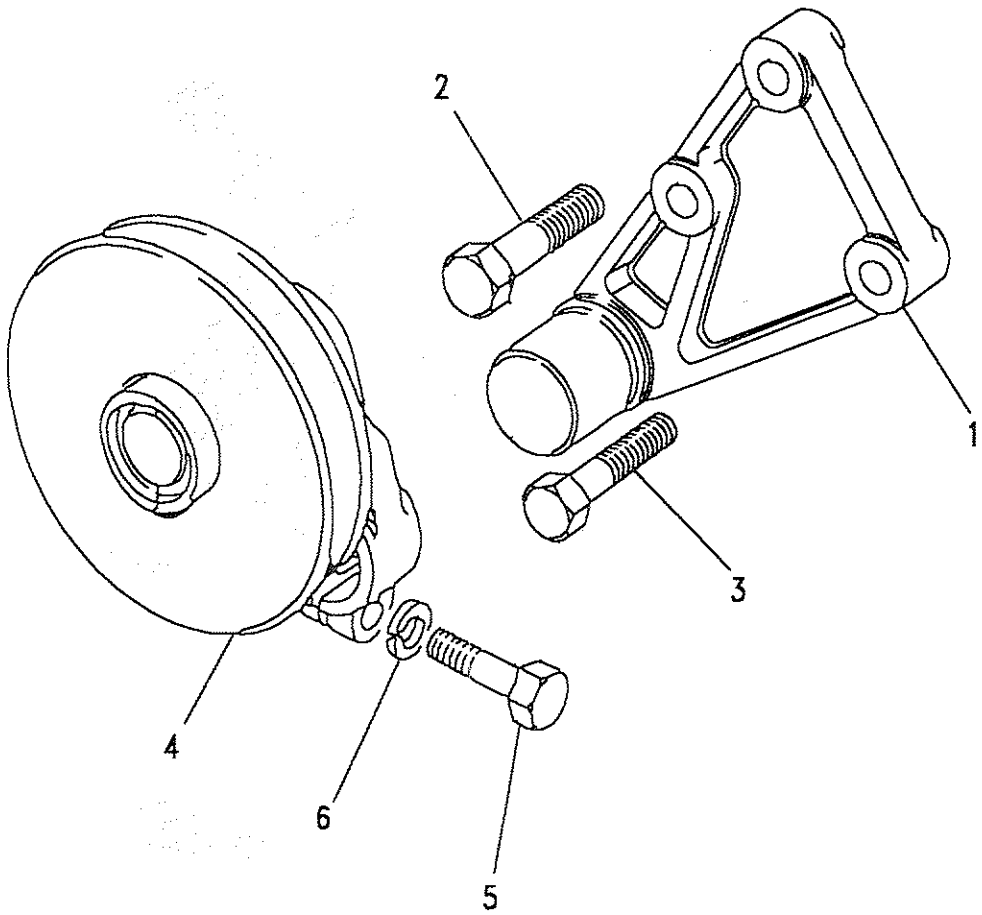
Note(1) Up to VIN MA949374
Note(2) From VIN MA949375

**Model** DEFENDER 90
**Page** ADBQNE3A

## ENGINE - COMPRESSOR FIXINGS - V8 CARB



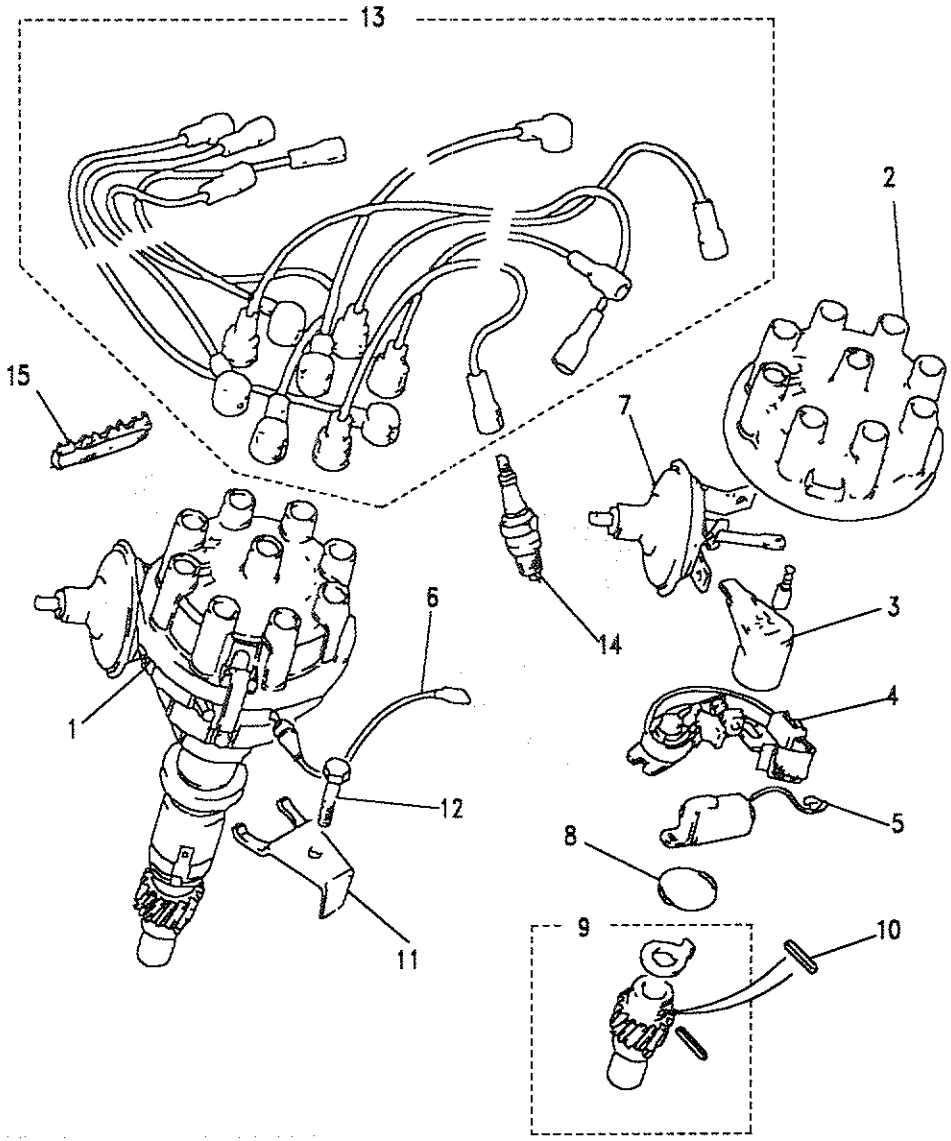

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC7494 | Bracket mounting | 1 | Up to 24G12353B |
| | ERR4524 | Bracket mounting | 1 | From 24G12354B |
| 2 | ERC6545 | Bracket mounting | 1 | |
| 3 | SH110301L | Screw | 2 | |
| 4 | WA110061L | Washer plain | 2 | |
| 5 | BH110241L | Bolt | 2 | |
| 6 | BH110221L | Bolt | 2 | |
| 7 | WA110061L | Washer plain | 3 | |
| 8 | 4067 | Washer plain | 2 | |
| 9 | BH506111L | Bolt | 2 | |
| 10 | 4866 | Washer plain | 1 | |
| 11 | BH505201L | Bolt | 1 | |




**Model** DEFENDER 90
**Page** ADBQNE4A

**ENGINE - AIR CONDITIONING - V8 CARB**

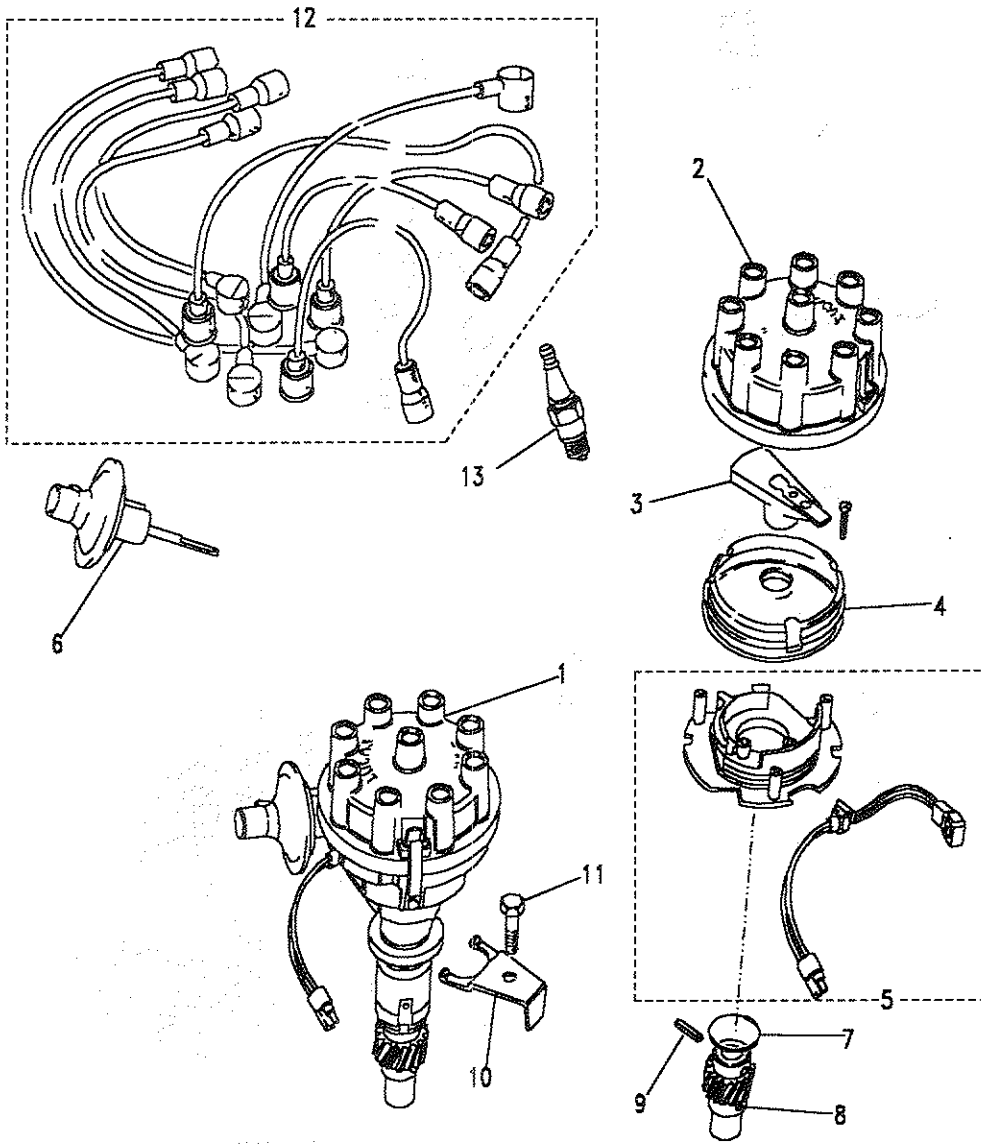
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 613540 | Bracket mounting pulley | 1 | |
| 2 | BH505441L | Bolt | 2 | |
| 3 | BH504151L | Bolt | 1 | |
| 4 | 614718 | Pulley and shaft | 1 | |
| | 614154 | Bearing - pulley | 1 | |
| 5 | BH605101L | Bolt | 1 | |
| 6 | WM600051L | Washer spring | 1 | |




**Model** DEFENDER 90
**Page** ADBQPA1A

## ENGINE - DISTRIBUTOR - V8 PETROL

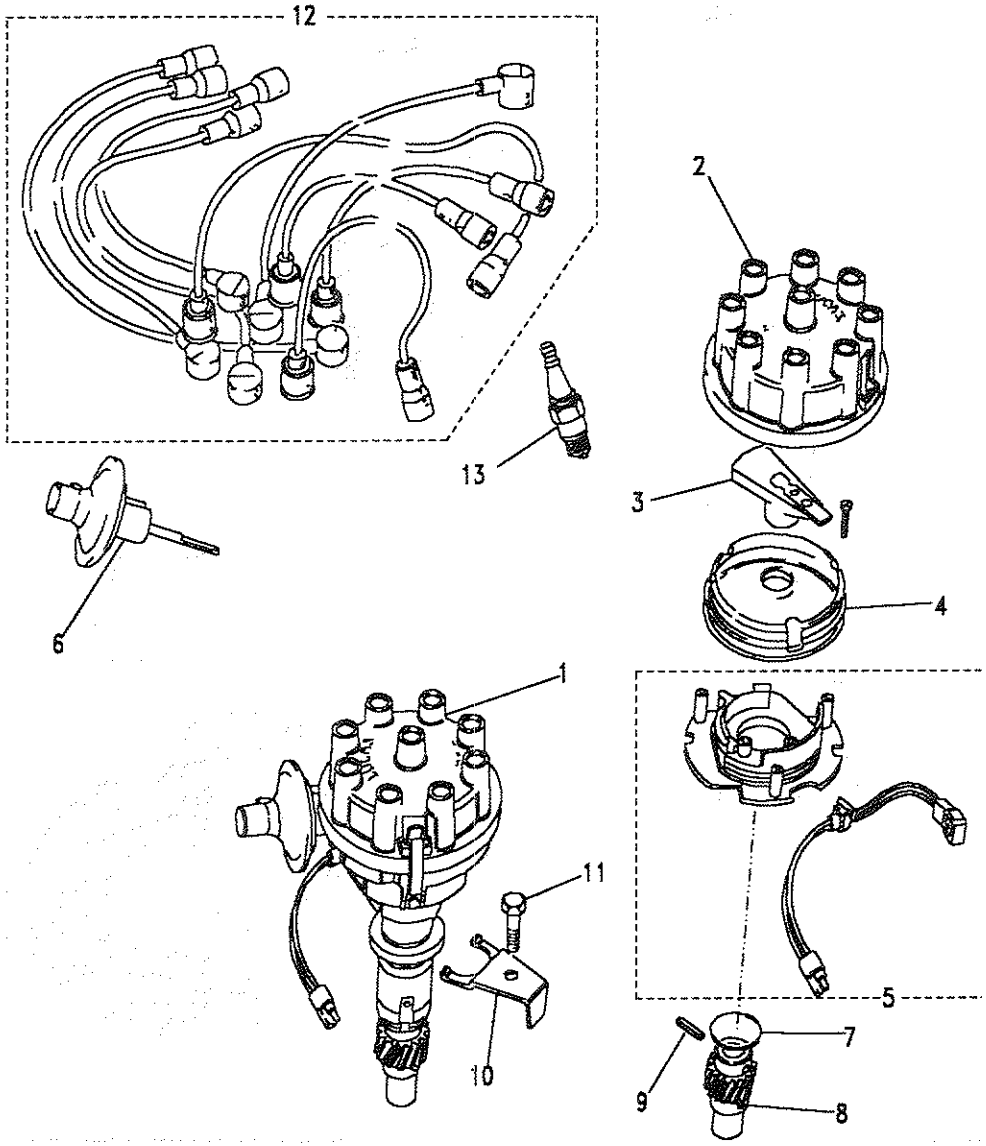
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC4536 | Distributor assembly | 1 | Engines 15G |
| | ERC5745 | Distributor assembly | 1 | Engines 14G |
| | ERC7131 | Distributor assembly | 1 | Engines 17G |
| 2 | RTC3197 | Cover | 1 | |
| 3 | RTC3618 | Rotor arm | 1 | |
| 4 | RTC3286 | Contact set-SLIDING | 1 | |
| 5 | RTC3472 | Condenser | 1 | |
| 6 | 608197 | Lead-low tension | 1 | |
| | RTC5014 | Insert-adj/screw | 1 | |
| 7 | AAU8452 | Vacuum unit | 1 | Engines 15G |
| | AEU1422 | Vacuum unit | 1 | Engines 14G |
| | 608266 | Vacuum unit | 1 | Engines 17G |
| 8 | 603446 | 'O'ring | 1 | |
| 9 | ERC1353 | Coupling assembly | 1 | |
| 10 | 602953 | Spring pin | 1 | |
| 11 | 613857 | Clamp | 1 | |
| 12 | SH506121L | Screw-clamp | 1 | |
| 13 | ETC5617 | Kit-HT leads | 1 | |
| 14 | RTC3570 | Spark plug | 8 | ) |
| | ERR3799 | Spark plug RN11YCC | 8 | )Alternatives |
| 15 | 603672 | Retainer-HT leads | 1 | |
| | 603673 | Retainer-HT leads | 4 | |




**Model** DEFENDER 90
**Page** ADBQPA2A

**ENGINE - DISTRIBUTOR - V8 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Engines fitted with STROMBERG carburetters** | | | | |
| 1 | ETC4715 | Distributor assembly | 1 | Engine 22G |
| | ETC4717 | Distributor assembly | 1 | Engine 20G |
| | ETC5090 | Distributor assembly | 1 | Engine 19G |
| | ETC5354 | Distributor assembly | 1 | Engine 21G |
| 2 | RTC3197 | Cap distributor | 1 | |
| 3 | STC1857 | Rotor arm | 1 | |
| 4 | RTC5971 | Insulation cover | 1 | |
| 5 | RTC3198 | Pick up and base plate | 1 | |
| 6 | 608266 | Vacuum unit | 1 | Engine 22G |
| | RTC3201 | Vacuum unit | 1 | Engine 20G |
| | AAU8452 | Vacuum unit | 1 | Engine 19G,21G |
| 7 | 608446 | 'O'ring | 1 | |
| 8 | ERC1353 | Coupling assembly | 1 | |
| 9 | 602953 | Spring pin | 1 | |
| 10 | 613857 | Clamp | 1 | |
| 11 | SH605121L | Screw-clamp | 1 | |
| 12 | ETC5617 | Kit-H.T. leads | 1 | |
| 13 | RTC3570 | Spark plug | 8 | ) |
| | ERR3799 | Spark plug RN11YCC | 8 | )Alternatives |
| | 602672 | Retainer-H.T. leads | 1 | |
| | 602673 | Retainer-H.T. leads | 4 | |

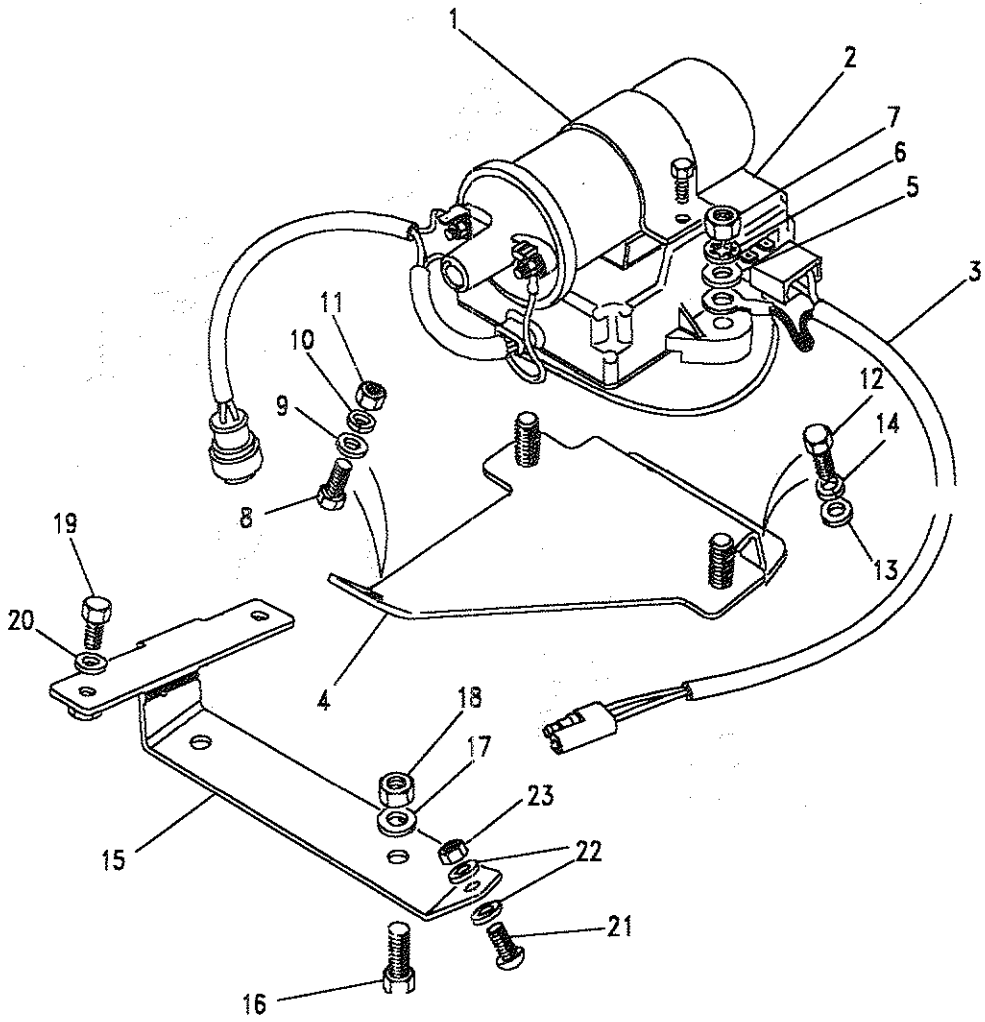



**Model** DEFENDER 90
**Page** ADBQPA3A

## ENGINE - DISTRIBUTOR - V8 PETROL 20G AND 24G WITH SU CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6586 | Distributor assembly | 1 | ) |
| 2 | RTC3197 | Cover | 1 | ) |
| 3 | STC1857 | Rotor arm | 1 | )Upto Eng |
| 4 | RTC5971 | Insulating cover | 1 | )20G01607A |
| 5 | RTC3198 | Pick up and base plate | 1 | )24G00235A |
| 6 | RTC3201 | Vacuum Unit | 1 | ) |
| 7 | 603446 | 'O' Ring | 1 | ) |
| 1 | ETC6976 | Distributor assembly | 1 | ) |
| | RTC5089 | Module | 1 | )Note(1) |
| | STC1184 | Module | 1 | ) |
| | STC1212 | Link lead | 1 | ) |
| 2 | RTC3197 | Cover | 1 | ) |
| 3 | STC1857 | Rotor arm | 1 | )From Eng |
| 4 | RTC5971 | Insulation cover | 1 | )20G01608A |
| 5 | RTC5090 | Pick up and base plate | 1 | )24G00236A |
| 6 | RTC5092 | Vacuum unit | 1 | ) |
| 7 | 603446 | 'O'ring | 1 | ) |
| 8 | ERC1353 | Gear and coupling assy | 1 | |
| 9 | 602953 | Spring pin | 1 | |
| 10 | 613857 | Clamp | 1 | |
| 11 | SH506121L | Screw-clamp | 1 | |
| 12 | ETC6484 | Kit-H.T. leads | 1 | |
| 13 | RTC3812 | Spark plug (N9YC) | 8 | ) |
| | ERR3799 | Spark plug (RN11YCC) | 8 | )Alternatives |
| | 603672 | Retainer-H.T. leads | 1 | Upto 24G03883B |
| | ETC8720 | Retainer-H.T. leads | 1 | From 24G03884B |
| | 603673 | Retainer-H.T. leads | 4 | |

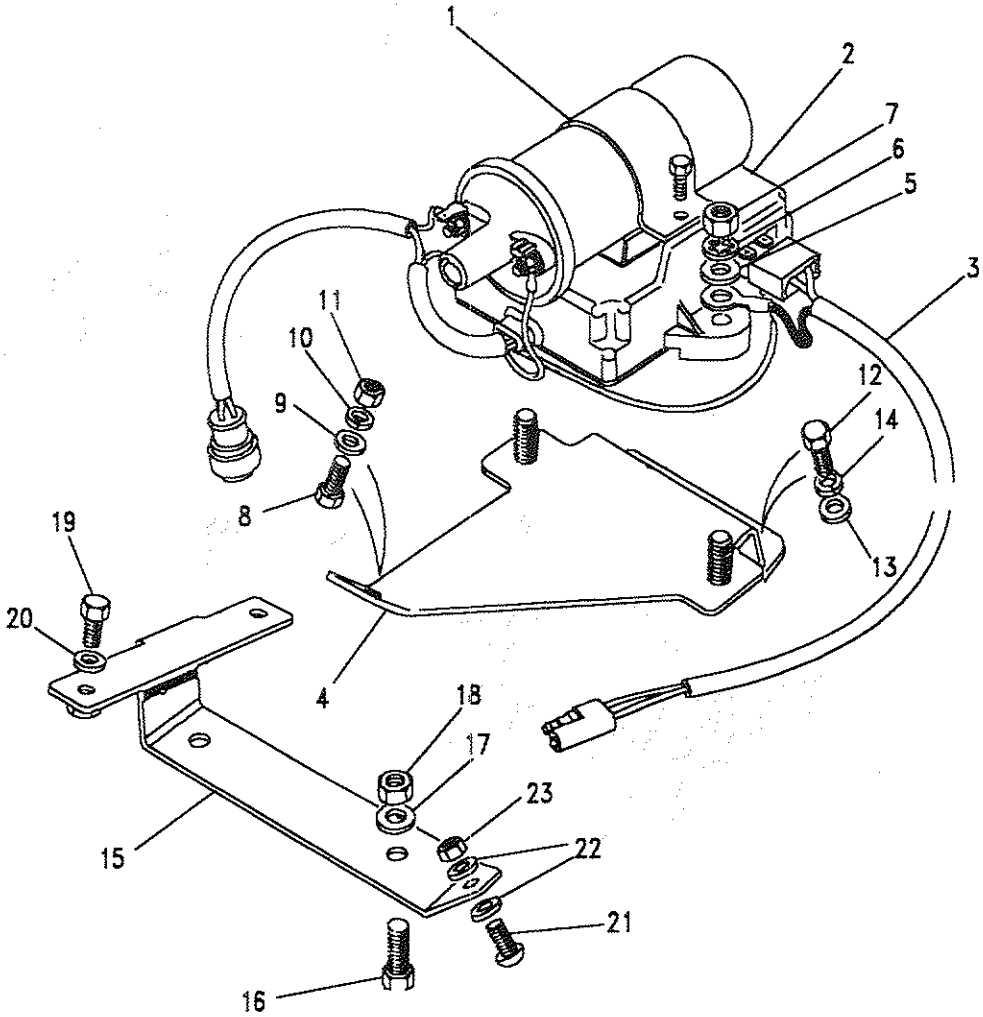
Note(1) When replacing 2 pin module RTC5089 use 3 pin module STC1184 and STC1212 link lead.




**Model** DEFENDER 90
**Page** ADBQPA4A

## ELECTRICAL - IGNITION COIL - V8 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5628 | Coil ignition Lucas | 1 | ) |
| | PRC6574 | Coil ignition Bosch | 1 | )Alternatives |
| 2 | RTC3188 | Module | 1 | Note(1) |
| 3 | PRC4503 | Lead-dist/module | 1 | Note(1) |
| | PRC6141 | Link lead-coil/E conn | 1 | Note(2) |
| | PRC6144 | Link lead-coil/dist | 1 | Note(2) |
| | AMR2896 | Link lead-coil/dist | 1 | From 24G11055B |
| 4 | PRC4951 | Bracket mounting | 1 | Note(1) |
| | PRC3131 | Bracket mounting | 1 | Note(2) 2 |
| 5 | WA108051L | Washer plain | 2 | |
| 6 | WF108001L | Washer spring | 2 | |
| 7 | FN108041L | Nut | 2 | |
| 8 | SH106167 | Screw | 1 | |
| 9 | WA106047L | Washer plain | 1 | |
| 10 | WL106007L | Washer spring | 1 | |
| 11 | NH106047 | Nut | 1 | |
| 12 | SE106167 | Screw | 2 | |
| 13 | WA106047L | Washer plain | 2 | |
| 14 | WL106007 | Washer spring | 2 | |



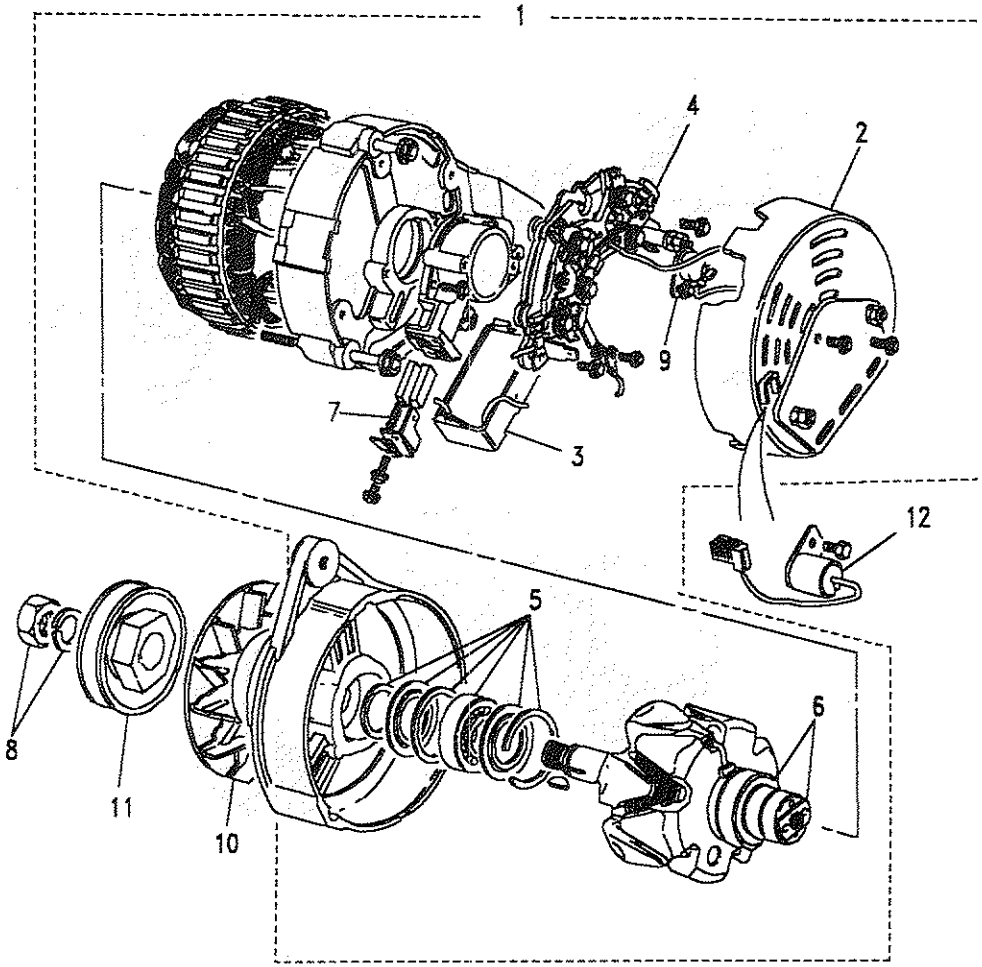

**Model** DEFENDER 90
**Page** ADBQPA4A

## ELECTRICAL - IGNITION COIL - V8 PETROL

| Ill. | Part No. | Description | Qty | Remarks | |
|---|---|---|---|---|---|
| 15 | MUC4212 | Bracket mounting-air con | 1 | Note(1) | |
| | PRC6133 | Bracket mounting-air con | 1 | Note(2) | 2 |
| 16 | FS108251L | Screw-air con | 2 | | |
| 17 | WA108051L | Washer plain-air con | 2 | | |
| 18 | FN108041L | Nut-air con | 2 | | |
| 19 | FS108167 | Screw-air con | 2 | | |
| 20 | WA106041L | WAsher plain-air con | 2 | | |
| 21 | SE106161L | Screw-air con | 1 | | |
| 22 | WA106041L | Washer plain-air con | 2 | | |
| 23 | NH106041L | Nut-air con | 1 | | |

Note(1) Vehicles where module is with the ignition coil
Note(2) Vehicles where module is with the distributor

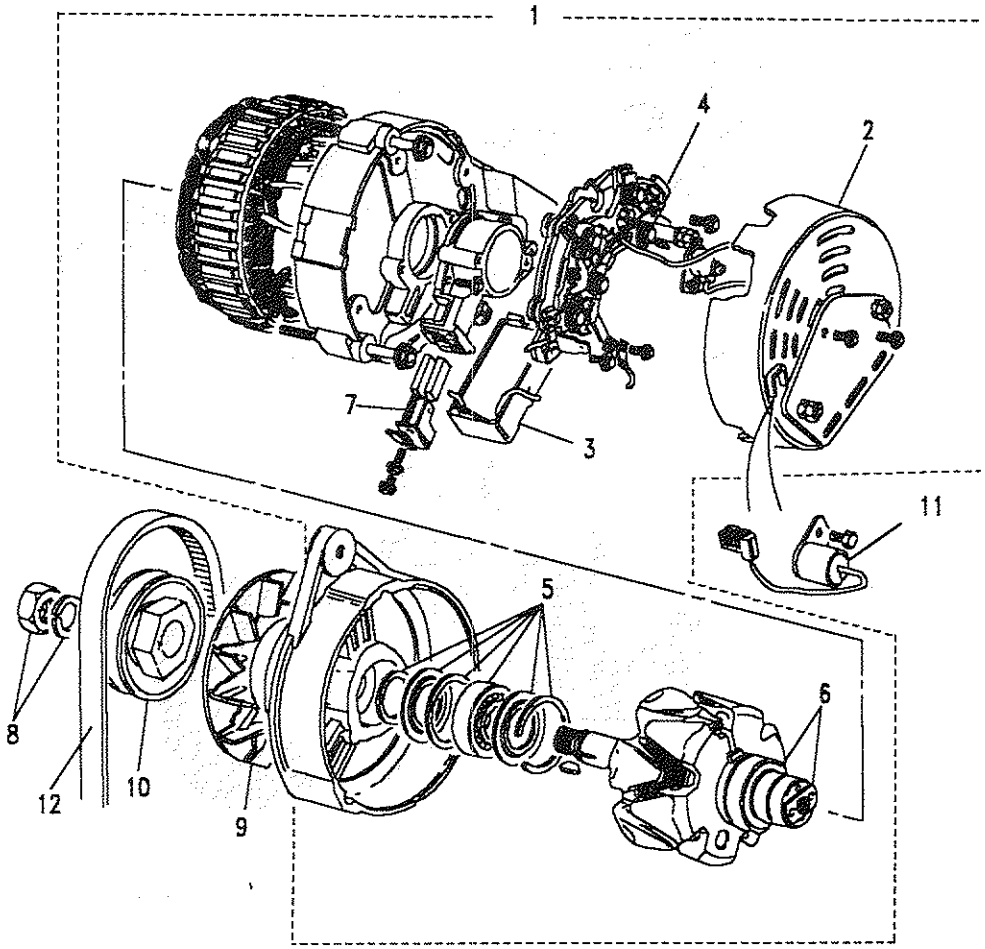
**Model** DEFENDER 90
**Page** ADBQPC1A




## ENGINE - ALTERNATOR - V8 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **BATTERY SENSED up to Engines 14G01446,15G02240,17G00182** | | | | |
| 1 | RTC5086E | Alternator A115/45 AMP | 1 | Note(1) |
| 2 | AEU1814 | Cover end | 1 | |
| 3 | AEU2464L | Regulator | 1 | |
| 4 | BAU1825 | Rectifier | 1 | |
| 5 | 18G8619L | Kit bearing drive end | 1 | |
| 6 | AEU1532 | Kit bearing | 1 | |
| | BAU2193L | Slip ring | 1 | |
| | BAU2195L | Brush box | 1 | |
| 7 | RTC3215 | Brush set | 1 | |
| 8 | AEU1710 | Kit sundry parts | 1 | |
| | AEU1706 | Kit screw | 1 | |
| | AEU1942 | Kit spacer | 1 | |
| 9 | STC130 | Surge protection device | 1 | |
| 10 | C37222L | Fan | 1 | |
| 11 | 602505 | Pulley | 1 | |
| 12 | AEU1616 | Capacitor | 1 | |

Note(1) LUCAS number 24028

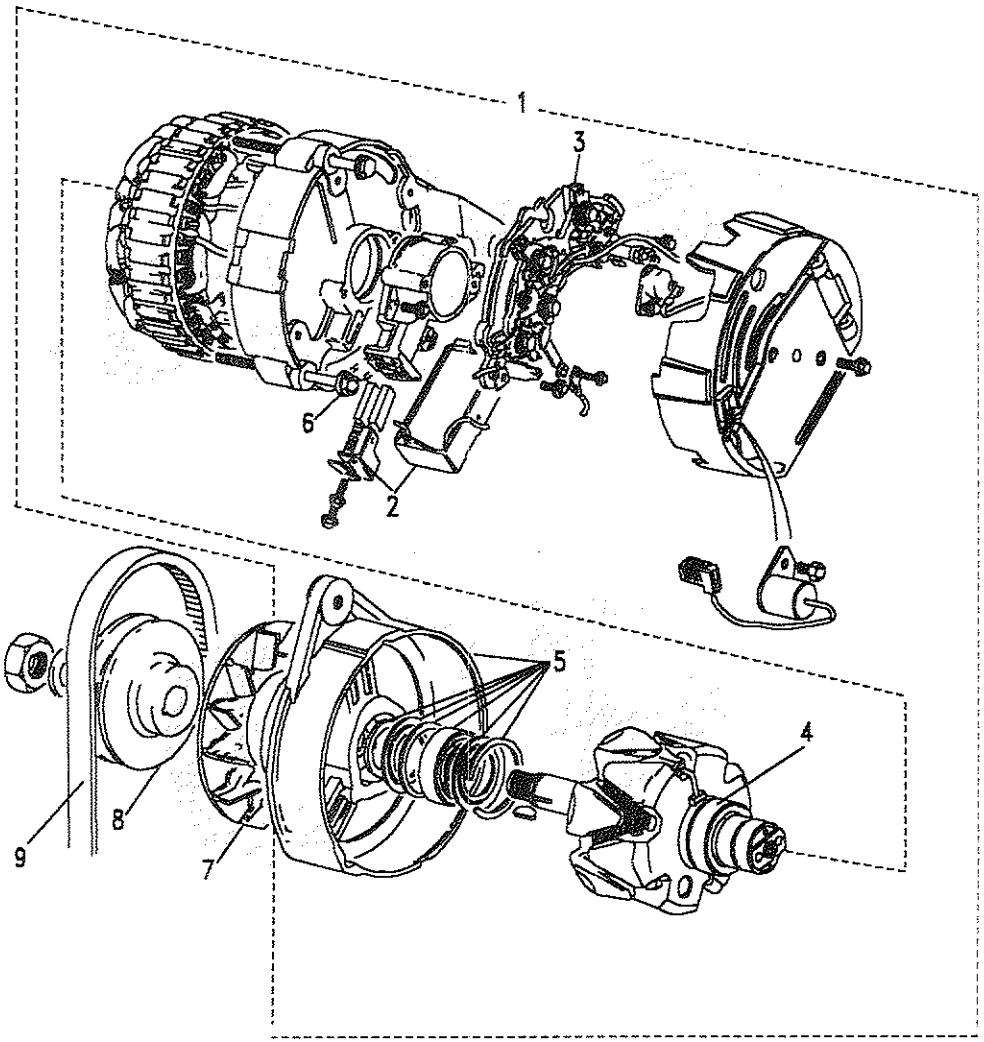



**Model** DEFENDER 90
**Page** ADBQPC2A

## ENGINE - ALTERNATOR - V8 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **IGNITION SENSED from Engines 14G01447,15G02241,17G00183,20G,21G** | | | | |
| 1 | RTC5085E | Alternator A115/45AMP | 1 | Note(1) |
| 2 | AEU2507 | Cover | 1 | |
| 3 | AEU3076 | Regulator | 1 | |
| 4 | BAU1825 | Rectifier | 1 | |
| 5 | 18G8619L | Kit bearing drive end | 1 | |
| 6 | AEU1532 | Kit bearing slip ring | 1 | |
| | BAU2193L | Slip ring | 1 | |
| | BAU2195L | Brush box | 1 | |
| 7 | RTC3215 | Brush set | 1 | |
| 8 | AEU1710 | Kit sundry parts | 1 | |
| | AEU1706 | Kit screw | 1 | |
| | AEU1942 | Kit spacer | 1 | |
| 9 | C37222L | Fan | 1 | |
| 10 | 602505 | Pulley | 1 | |
| 11 | AEU1616 | Capacitor | 1 | |
| 12 | ETC7394 | Belt | 1 | |

Note(1) LUCAS number 24182




**Model** DEFENDER 90
**Page** ADBQPC3A

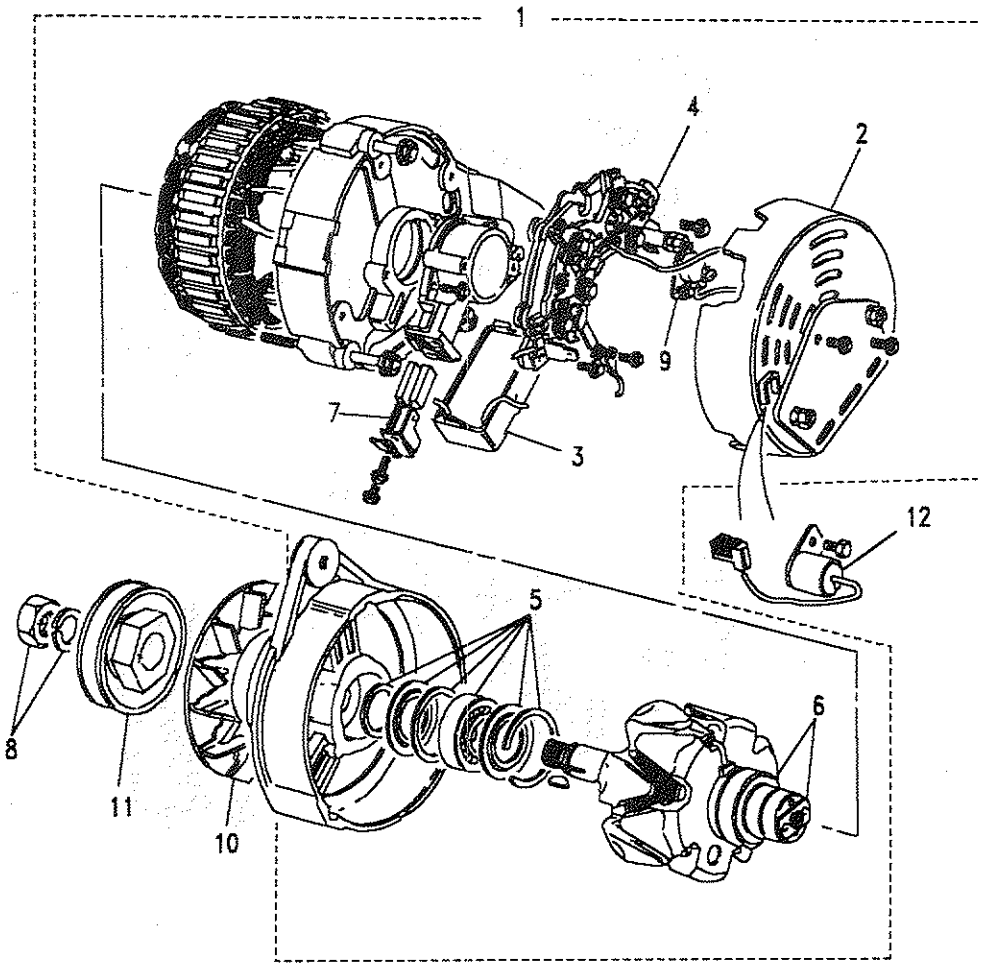
**ENGINE - ALTERNATOR - V8 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5683N | Alternator A127/45AM | 1 | Note(1) |
| | RTC5683E | Alternator A127/45AMP | 1 | |
| 2 | RTC5044 | Regulator and brush box | 1 | |
| 3 | RTC5045 | Rectifier | 1 | |
| 4 | RTC5047 | Bearing slip ring end | 1 | |
| 5 | RTC5688 | Bracket & bearing drive | 1 | |
| 6 | RTC5046 | Kit through bolts | 1 | |
| 7 | RTC5685 | Fan | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ETC7394 | Belt fan | 1 | |
| | RTC5689 | Spacer pulley | 1 | |

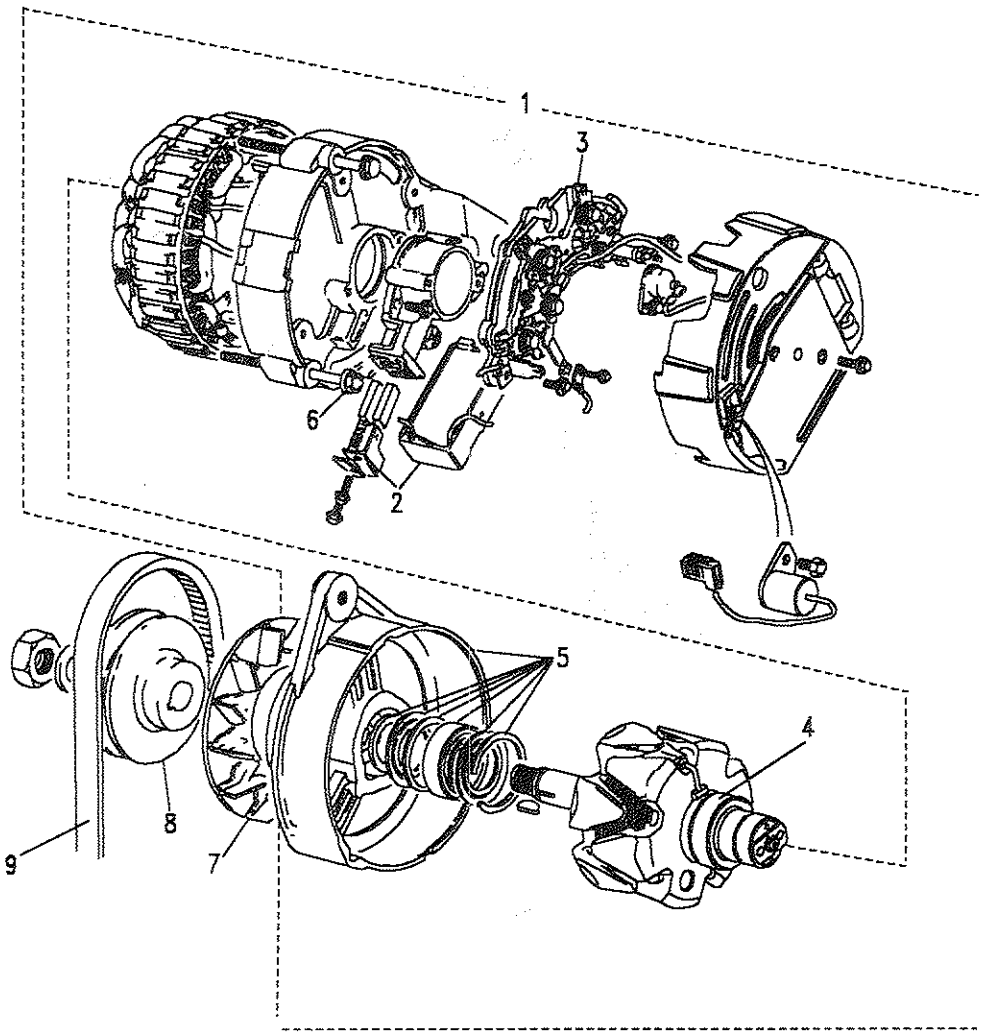
Note(1) LUCAS number 24198

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## ENGINE - ALTERNATOR - HIGH OUTPUT - V8 PETROL




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5087E | Alternator A133/65AMP | 1 | SPLIT CHARGE |
| | RTC5218E | Alternator A133/65AMP | 1 | AIR CON,P.A.S. |
| 2 | AEU1725 | Cover end | 1 | |
| 3 | AEU3076 | Regulator | 1 | |
| 4 | AEU1527 | Rectifier | 1 | |
| 5 | AEU1726 | Kit blanking front | 1 | |
| 6 | AEU1532 | Kit rear bearing & slip | 1 | |
| 7 | RTC3292 | Brush set | 1 | |
| 8 | AEU1710 | Kit sundry parts | 1 | |
| | AEU1706 | Kit screws | 1 | |
| | AEU1708 | Kit spacers | 1 | |
| | AEU1709 | Kit terminals | 1 | |
| 9 | STC130 | Surge protection device | 1 | |
| 10 | DU4928L | Fan | 1 | |
| 11 | ERC3345 | Pulley | 1 | SPLIT CHARGE |
| | ERC8851 | Pulley | 1 | AIR CON,P.A.S. |
| 12 | AEU1616 | Capacitor | 1 | |

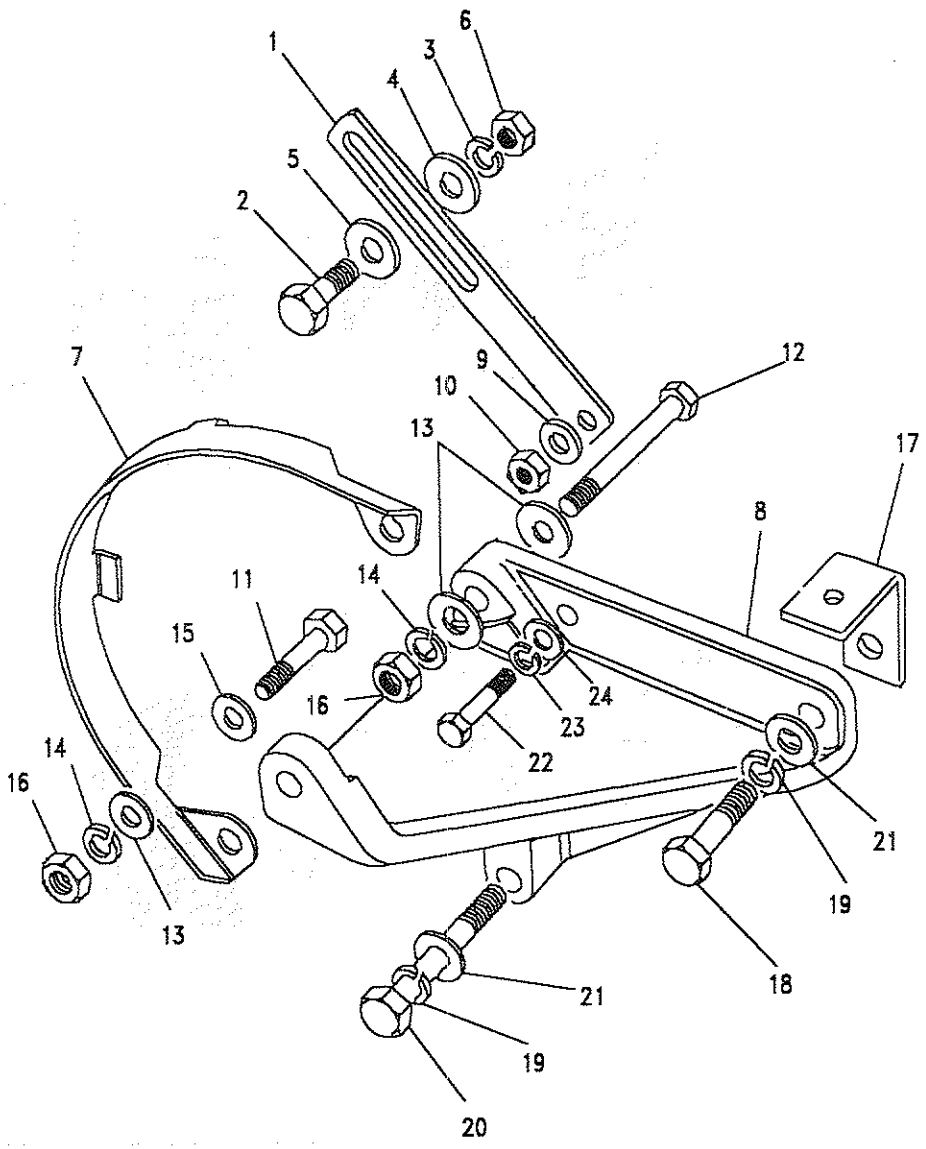



**Model** DEFENDER 90
**Page** ADBQPC5A

## ENGINE - ALTERNATOR - HIGH OUTPUT OPTIONS - V8 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5680N | Alternator A127/65AMP | 1 | Note(1) |
| | RTC5680E | Alternator A127/65AMP | 1 | |
| | RTC5681N | Alternator A127/65AMP | 1 | Note(2) |
| | RTC5681E | Alternator A127/65AMP | 1 | |
| 2 | RTC5670 | Regulator and brush box | 1 | |
| 3 | RTC5671 | Rectifier | 1 | |
| 4 | RTC5047 | Bearing slip ring end | 1 | |
| 5 | RTC5687 | Bracket RH | 1 | |
| | RTC5688 | Bracket LH | 1 | |
| 6 | RTC5046 | Kit through bolts | 1 | |
| 7 | AAU2249L | Fan | 1 | |
| 8 | RTC5686 | Pulley | 1 | |
| 9 | ERR2073 | Belt fan | 1 | |
| | RTC5689 | Spacer Pulley | 1 | |

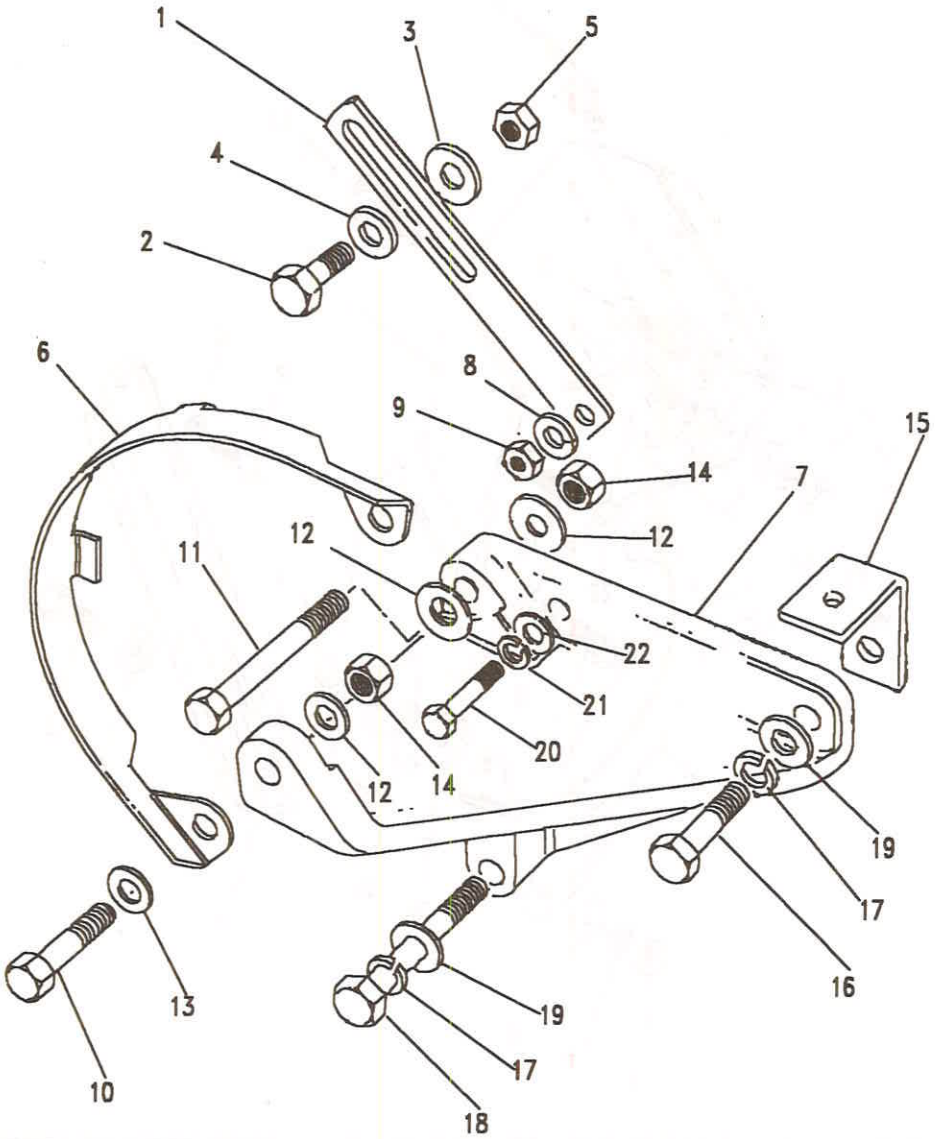
Note(1) LUCAS number 24220
Note(2) LUCAS number 24221




**Model** DEFENDER 90
**Page** ADBQPC6A

## ENGINE - ALTERNATOR FIXINGS - V8 PETROL

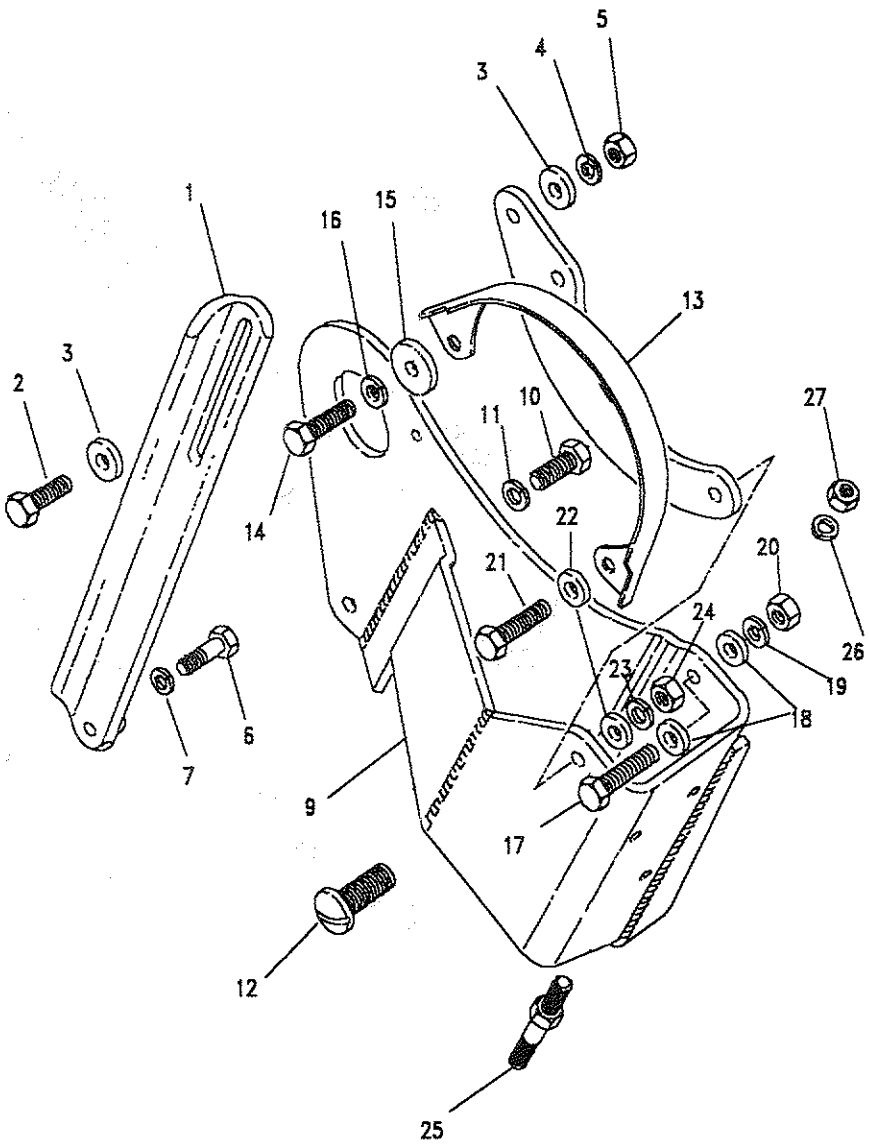
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **NON AIR CON for A115,A133 type alternators** | | | | |
| 1 | 614939 | Link adjusting | 1 | |
| 2 | FS108351L | Screw | 1 | |
| 3 | WM600051L | Washer spring | 1 | |
| 4 | 2217L | Washer plain | 1 | |
| 5 | 2266L | Washer plain | 1 | |
| 6 | NH108041L | Nut M8 | 1 | |
| 7 | 613244 | Guard fan | 1 | |
| 8 | 611022 | Bracket | 1 | Up to 24G12353B |
| | ERR4519L | Bracket mounting | 1 | From 24G12354B |
| 9 | WM600051L | Washer spring | 1 | |
| 10 | NT605041L | Locknut | 1 | |
| 11 | BH605121L | Bolt alternator/bracket | 1 | |
| 12 | BH605201L | Bolt rear | 1 | |
| 13 | WA108051L | Washer plain | 3 | |
| 14 | WM600051L | Waasher spring | 2 | |
| 15 | 2266L | Washer plain | 1 | |
| 16 | NH605041L | Nut | 2 | |
| 17 | 613620 | Clip-support bracket | 1 | |
| 18 | BH506111L | Bolt-bracket/head | 2 | |
| 19 | WM600061L | Washer spring | 2 | |
| 20 | BH506201L | Bolt | 1 | |
| 21 | 3036L | Washer plain | 3 | |
| 22 | BH505111L | Bolt | 1 | |
| 23 | WM600051L | Washer spring | 1 | |
| 24 | WA108051L | Washer plain | 1 | |




**Model** DEFENDER 90
**Page** ADBQPC7A

## ENGINE - ALTERNATOR FIXINGS - V8 PETROL

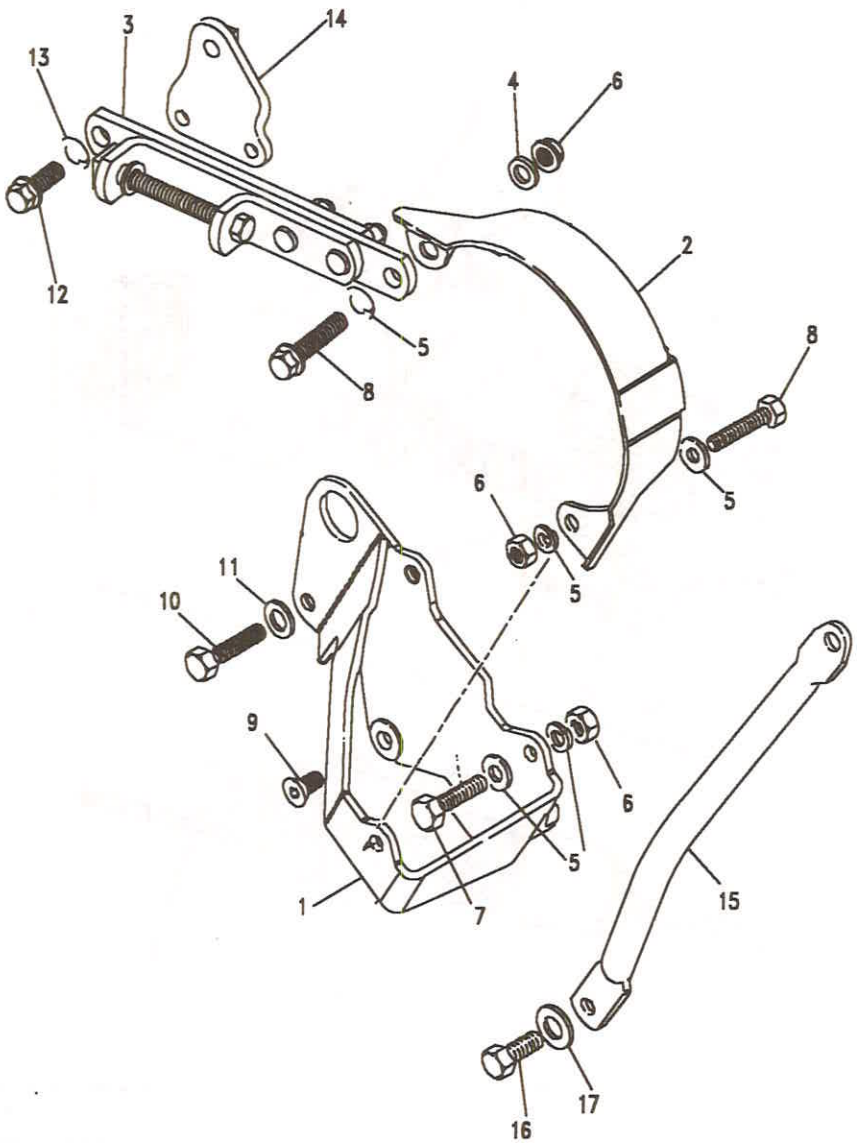
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **NON AIR CON for A127 type alternators-Up To Engine 24G09105B** | | | | |
| 1 | 614939 | Link adjusting | 1 | |
| 2 | FS108351L | Screw | 1 | |
| 3 | 4868L | Washer plain | 1 | |
| 4 | 587405 | Washer plain | 1 | |
| 5 | NH108041L | Nut M8 | 1 | |
| 6 | ETC7390 | Guard fan | 1 | Upto 24G02919B |
| | ETC8441 | Guard fan | 1 | )From |
| | ERC5830 | Grommet | 1 | )24G02920B |
| | ETC8559 | Bush | 1 | ) |
| 7 | 611022 | Bracket | 1 | Up to 24G12353b |
| | ERR4519L | Bracket | 1 | From 24G12354B |
| 8 | WM600051L | Washer spring | 1 | |
| 9 | NT605041L | Lock nut | 1 | |
| 10 | FB108081L | Bolt alternator/bracket | 1 | |
| 11 | FB108121L | Bolt rear | 1 | |
| 12 | WA108051L | Washer plain | 3 | |
| 13 | 587405 | Washer plain | 1 | |
| 14 | NH108041L | Nut | 2 | |
| 15 | 613620 | Clip support bracket | 1 | |
| 16 | BH506111L | Bolt bracket/head | 1 | |
| 17 | WM600061L | Washer spring | 2 | |
| 18 | BH506201L | Bolt | 1 | |
| 19 | 3036L | Washer plain | 2 | |
| 20 | BH505111L | Bolt | 1 | |
| 21 | WM600051L | Washer spring | 1 | |
| 22 | WA108051L | Washer plain | 1 | |




**Model** DEFENDER 90
**Page** ADBQPC8A

## ENGINE - ALTERNATOR FIXINGS - V8 PETROL

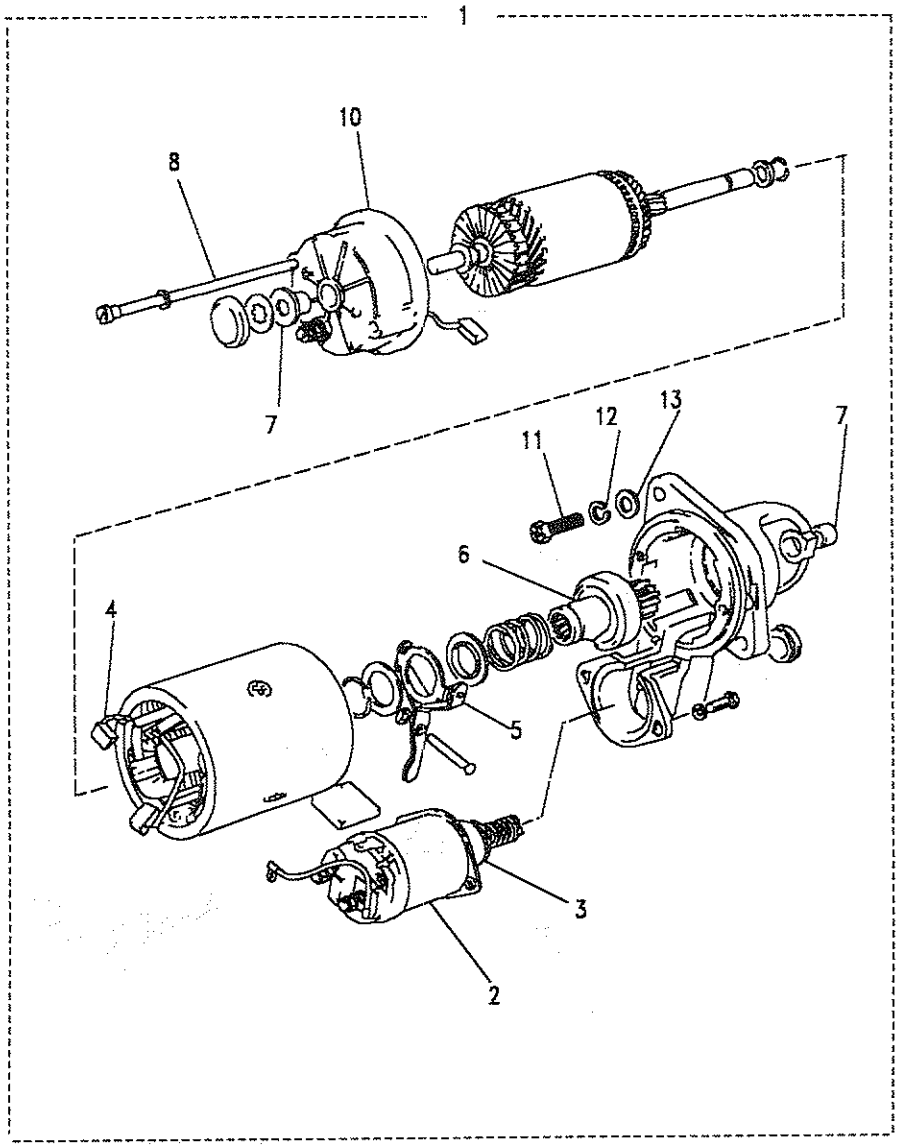
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **WITH AIR CON-Up To Engine 24G09105B** | | | | |
| 1 | ERC7548 | Link adjusting | 1 | |
| 2 | FB108351 | Bolt | 1 | |
| 3 | 4866L | Washer plain | 1 | |
| 4 | WM600051L | Washer spring | 1 | |
| 5 | NH108041L | Nut | 1 | |
| 6 | BH605111L | Bolt adjusting link | 1 | |
| 7 | WL108001L | Washer spring | 1 | |
| 8 | ERC6547 | Bracket | 1 | |
| 9 | ERC6538 | Bracket mounting LH | 1 | |
| 10 | SH506071L | Screw | 1 | |
| 11 | WM600061L | Washer spring | 1 | |
| 12 | SA506081L | Screw | 1 | |
| 13 | 90613442 | Guard fan | 1 | Upto 24G02919B |
| | ETC8440 | Guard fan | 1 | )From |
| | ERC5830 | Grommet | 2 | )24G02920B |
| | ETC8559 | Bush | 2 | ) |
| 14 | SH108251L | Screw M8x25mm alternator | 1 | |
| 15 | 4594L | Washer plain | 1 | |
| 16 | WM600051L | Washer spring | 1 | |
| 17 | FB108081L | Bolt front lug M8x40mm | 1 | |
| 18 | WA108051L | Washer plain | 2 | |
| 19 | WM600051L | Washer spring | 1 | |
| 20 | NH108041L | Nut M8 | 1 | |
| 21 | BH108091L | Bolt rear lug M8x45mm | 1 | |
| 22 | WA108051L | Washer plain | 2 | |
| 23 | WM600051L | Washer spring | 1 | |
| 24 | NH108041L | Nut M8 | 1 | |
| 25 | 602200 | Bolt | 1 | |
| 26 | WM600061L | Washer spring | 1 | |
| 27 | NH604041L | Nut | 1 | |




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**Page** ADBQPC9A

**ENGINE - ALTERNATOR FIXINGS - V8 PETROL**

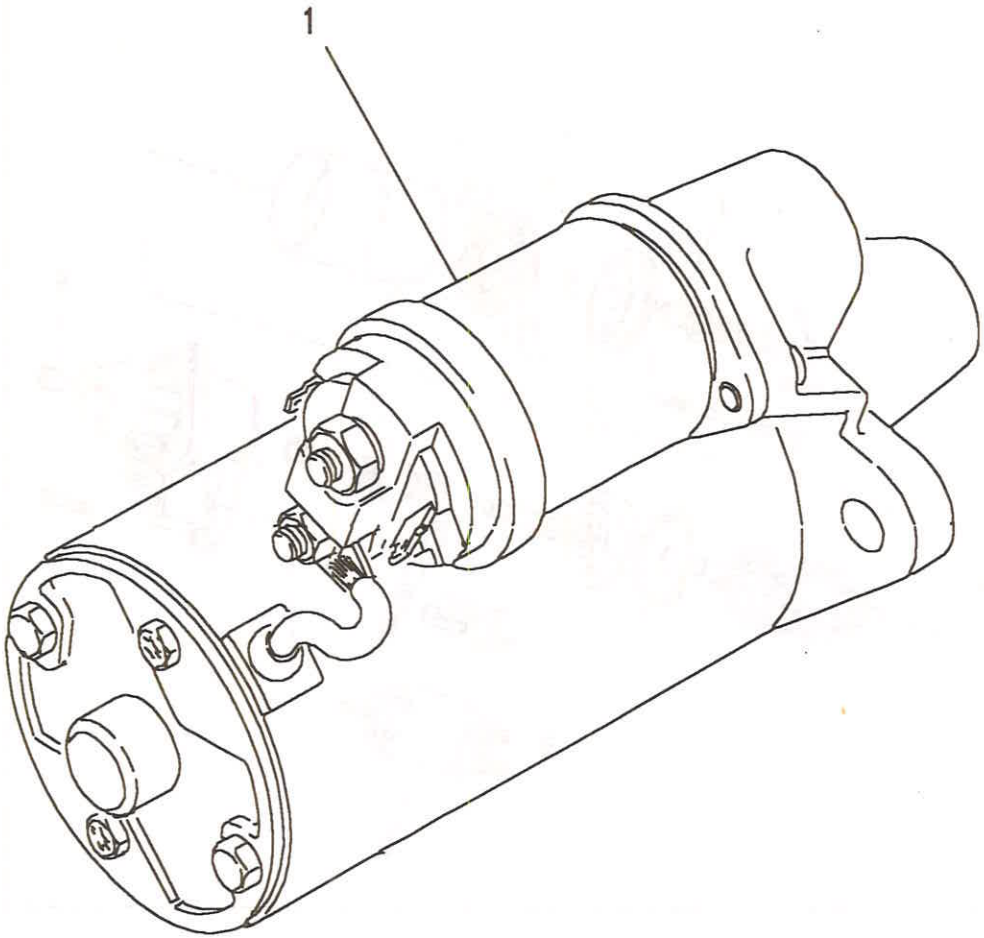
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used From Engine 24G09106B** | | | | |
| 1 | ETC5576 | Mounting bracket | 1 | |
| 2 | ETC8441 | Fan guard (A127/65 Amp) | 1 | |
| | ERC5830 | Grommet | 2 | |
| | ETC8559 | Bush | 2 | |
| 3 | ERR1574 | Link adjuster | 1 | |
| 4 | 4594L | Spacer | 1 | |
| 5 | WA108051L | Washer plain | 8 | |
| 6 | NH108041L | Nut | 3 | |
| 7 | SH108451L | Screw | 1 | |
| 8 | SH108401L | Screw | 2 | |
| 9 | ETC8765 | Screw countersunk | 1 | |
| 10 | SH506071L | Screw | 1 | |
| 11 | WM600061L | Washer spring | 1 | |
| 12 | FS108207L | Screw | 1 | |
| 13 | WL108001L | Washer spring | 1 | |
| 14 | ERR1885 | Bracket | 1 | |
| 15 | ETC8579 | Strut alternator | 1 | |
| 16 | SH506101L | Screw | 1 | |
| 17 | WA110061L | Washer | 1 | |




**Model** DEFENDER 90
**Page** ADBQPE1A

## ENGINE - STARTER MOTOR - V8 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5228E | Starter motor 3M100 | 1 | |
| 2 | STC943 | Solenoid | 1 | |
| 3 | RTC836 | Kit seals | 1 | |
| 4 | RTC830 | Kit brushes | 1 | |
| 5 | RTC1323 | Lever solenoid | 1 | |
| 6 | RTC834 | Pinion | 1 | |
| 7 | 608352 | Kit bush | 1 | |
| 8 | RTC839 | Kit through bolt | 1 | |
| 10 | RTC831 | End Cover | 1 | |
| 11 | SS506121L | Screw starter/block | 2 | |
| 12 | WM600061L | Washer spring | 2 | |
| 13 | WA110061L | Washer plain | 2 | |
| | 90608178 | Kit sundry parts | 1 | |



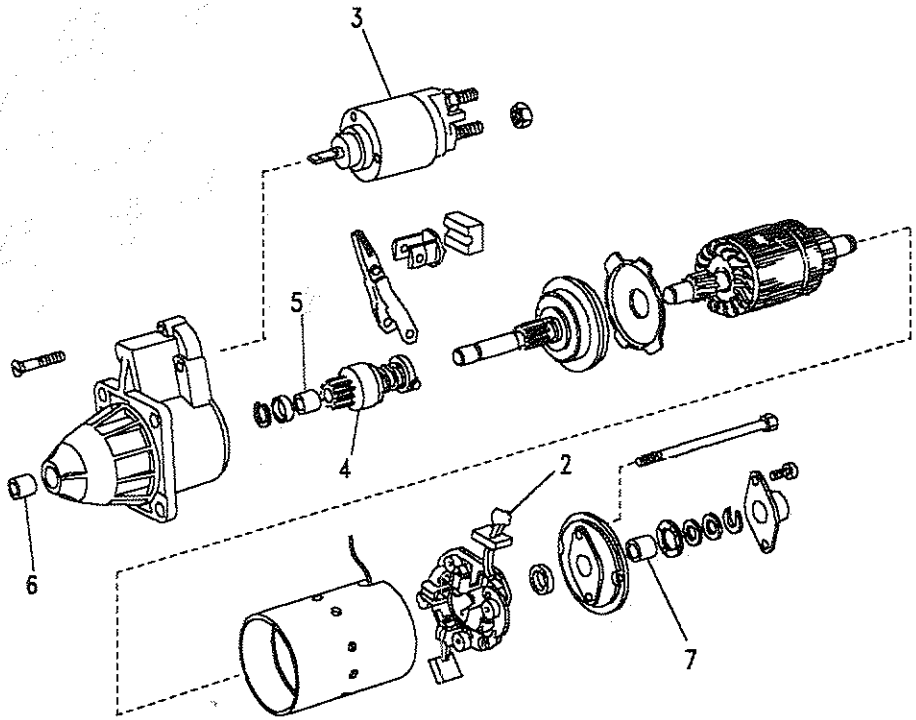

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**Page** ADBQPE2A

## ENGINE - STARTER MOTOR - V8 PETROL

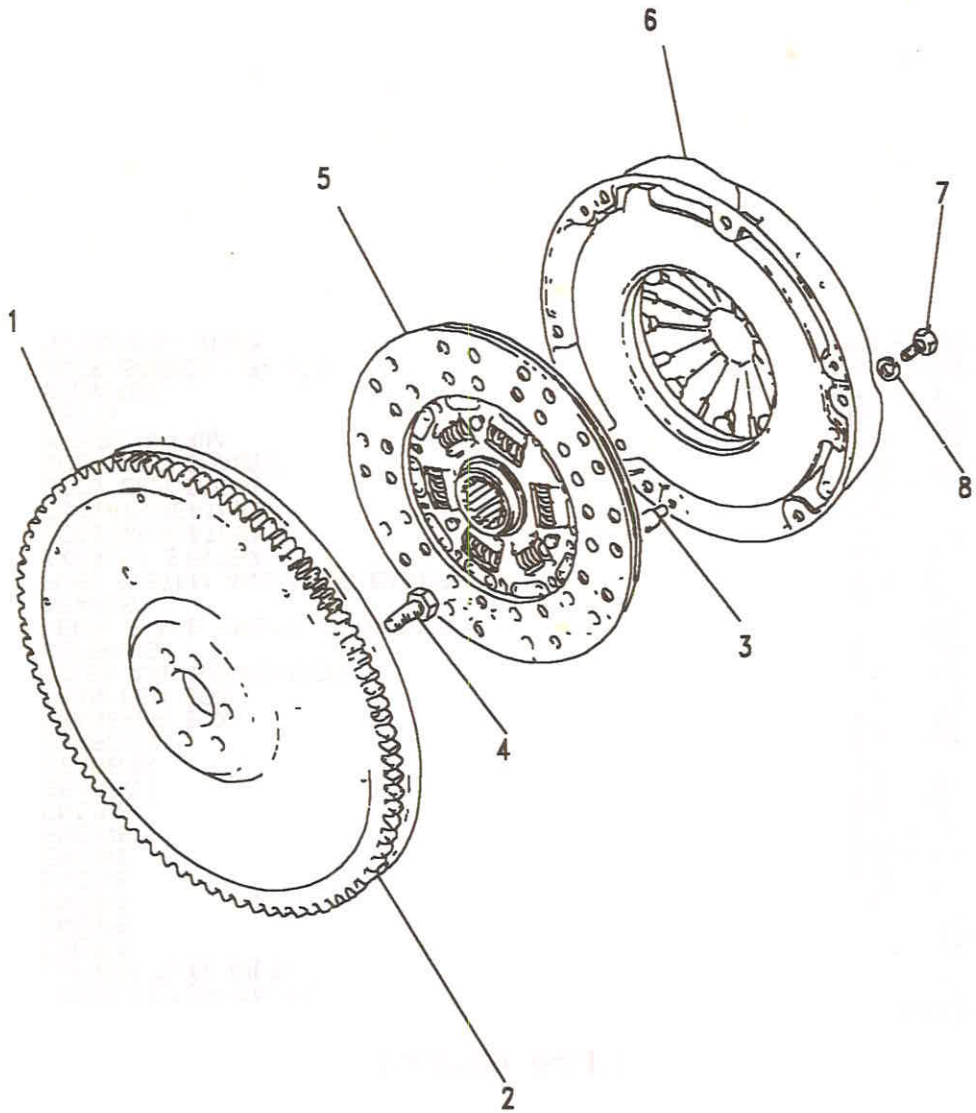
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used up to JAN 1993** | | | | |
| 1 | RTC6061N | Starter motor M78R | 1 | ype |
| | RTC5049 | Solenoid | 1 | |
| | RTC5700 | Kit drive shaft | 1 | |
| | RTC5048 | Kit brushes | 1 | |
| | RTC5563 | Kit bush | 1 | |
| | 608395 | Kit retention | 1 | |
| | RTC5577 | Kit sundry parts | 1 | |
| | SS506121L | Screw starter/block | 2 | |
| | WM600061L | Washer spring | 2 | |
| | WA110061L | Washer plain | 2 | |

**Model** DEFENDER 90
**Page** ADBQPE3A

## ENGINE - STARTER MOTOR - V8 PETROL




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Used from JAN 1993** | | | | |
| 1 | NAD10038 | Starter motor | 1 | |
| 2 | STC1243 | Brush holder | 1 | |
| 3 | STC1242 | Solenoid | 1 | |
| 4 | STC1241 | Drive assembly | 1 | |
| 5 | STC1250 | Bush | 2 | |
| 6 | STC1252 | Bush | 1 | |
| 7 | STC1253 | Bush | 1 | |




**Model** DEFENDER 90
**Page** ADBQRA1A

## ENGINE - FLYWHEEL & CLUTCH - V8 CARB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR5575 | Flywheel assembly | 1 | |
| 2 | 611323 | Ring starter | 1 | |
| 3 | 6395L | Dowel clutch | 3 | |
| 4 | SH607081L | Screw flywheel/crankshaft | 6 | |
| 5 | FRC6685 | Clutch plate | 1 | |
| | FTC160 | Clutch plate asb/free | 1 | Upto24G11300 |
| | FTC3197 | Clutch plate asb/free | 1 | From24G11301 |
| 6 | 576476 | Clutch cover | 1 | |
| | STC8361 | Kit clutch | 1 | ) |
| | FTC160 | Plate | 1 | )Asbestos |
| | 576476 | Cover | 1 | )Free |
| | FRC9568 | bearing | 1 | ) |
| | STC8362 | Kit clutch | 1 | |
| | FRC6685 | Plate | 1 | |
| | 576476 | Cover | 1 | |
| | FRC9568 | Bearing | 1 | |
| 7 | SH606061L | Screw clutch/flywheel | 6 | |
| 8 | WM600041L | Washer spring | 6 | |
| | AEU1750L | Lining package | 1 | |

## MASTER INDEX

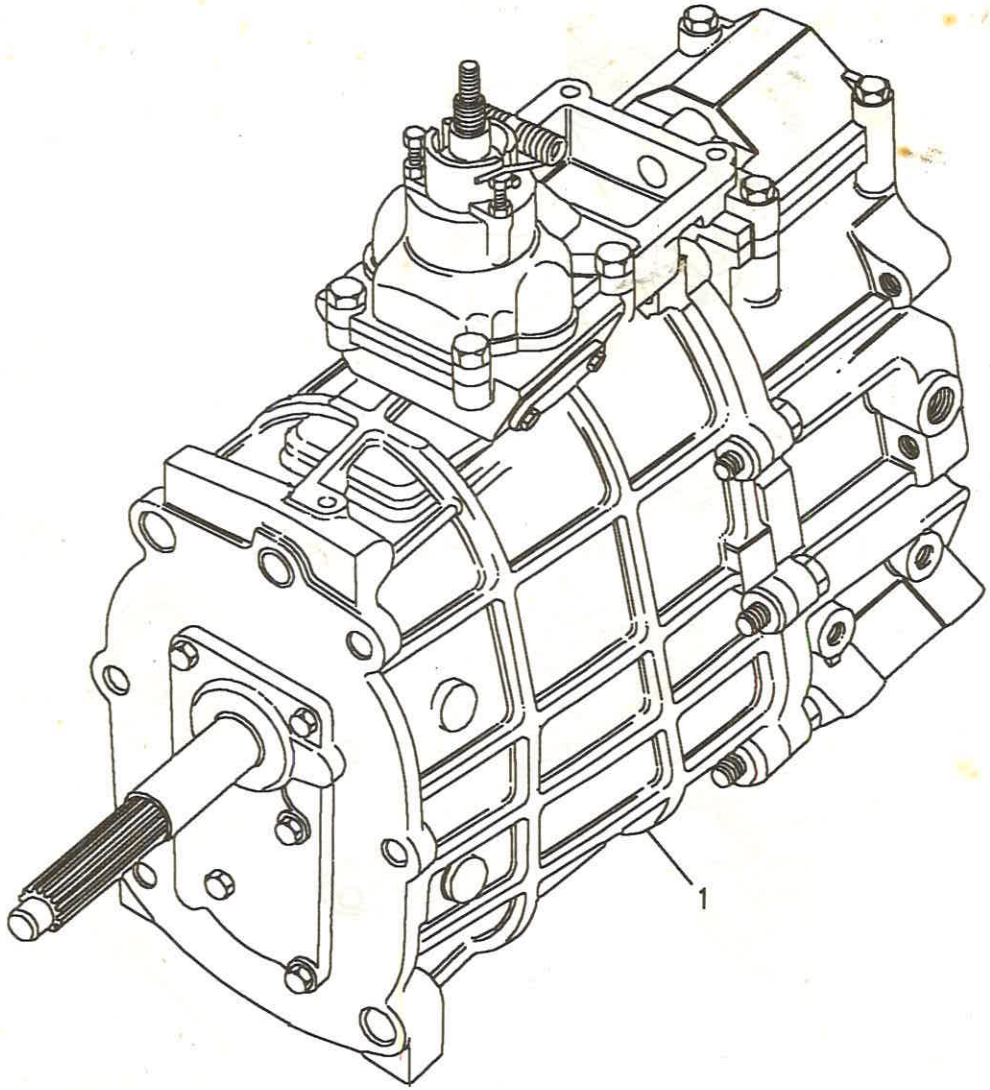

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GROUP C

GEARBOX


GEARBOX

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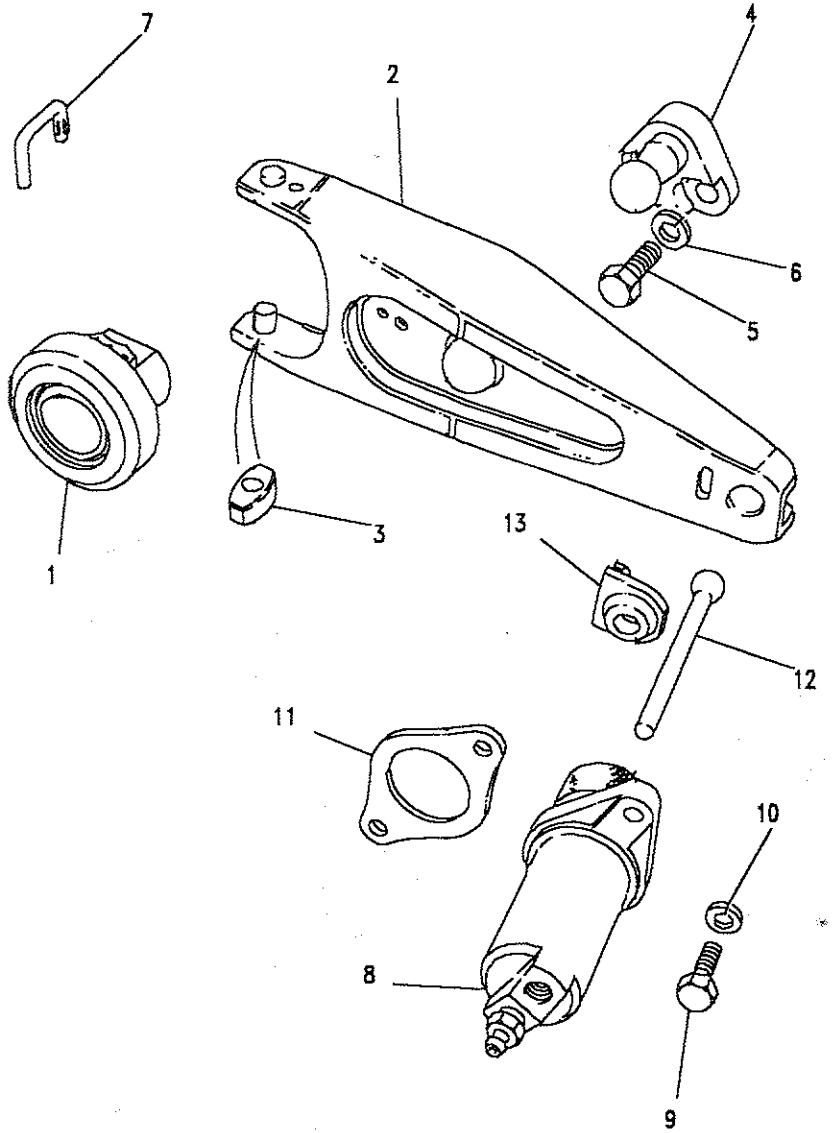



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**Page** ADCDAA1A

## GEARBOX - GEARBOX ASSEMBLY - LT77/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | FRC5928R | Gearbox assy RECON-LT77 | 1 | Note(1)(8) |
| | RTC6999R | Gearbox assy RECON-LT77 | 1 | Note(2) |
| | RTC6868R | Gearbox assy RECON-LT77 | 1 | Note(3) |
| | STC1787N | Gearbox assy NEW-LT77S | 1 | Note(4) |
| | STC1786N | Gearbox assy NEW-LT77S | 1 | Note(5) |
| | STC1007R | Gearbox assy RECON-LT77S | 1 | Note(9) |
| | STC1004N | Gearbox assy NEW-LT77S | 1 | Note(6) |
| | STC1005N | Gearbox assy NEW-LT77S | 1 | Note(7) |

Note(1) Serial Number 50A up to Suffix E
Note(2) Serial Number 50A Suffix F
Note(3) Serial Number 50A Suffix G
Note(4) Serial Number 50A Suffix E.F.G.H.
Note(5) Serial Number 56A Suffix G.H.200 TDI
Note(6) Serial Number 60A000001A for V8
Note(7) Serial Number 61A000001A for V8 with OIL COOLER
Note(8) Has 2 holes in extension case for hi/lo linkage
Note(9) Serial Number 56A Suffix H

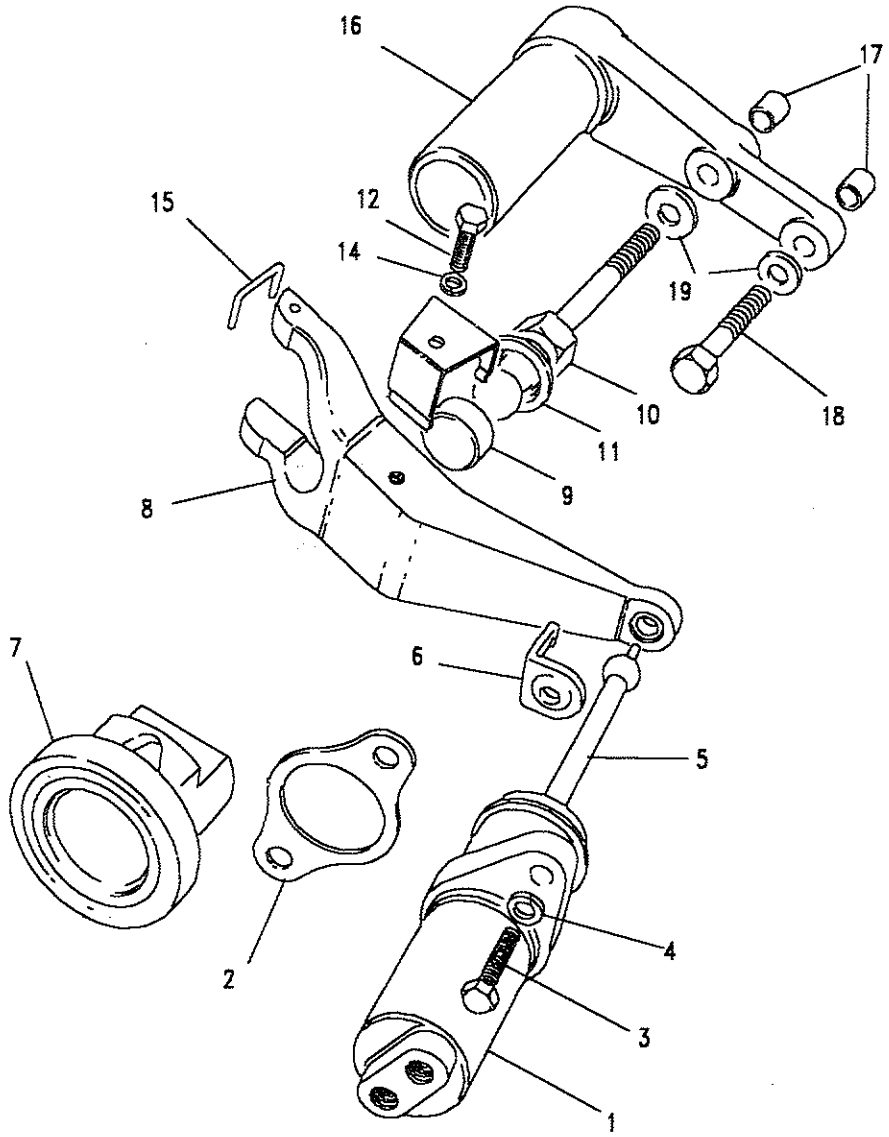



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**Page** ADCDCA1A

**GEARBOX - CLUTCH RELEASE MECHANISM - 4CYL - LT77/LT77S**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC9568 | Bearing clutch release | 1 | |
| 2 | FTC2957 | Lever | 1 | |
| 3 | FRC5255 | Slipper pad-clutch lever | 2 | |
| 4 | FRC5180 | Plate pivot | 1 | |
| 5 | FS108301L | Bolt | 2 | |
| 6 | WL108001L | Washer spring | 2 | |
| 7 | FRC3416 | Staple-lever to sleeve | 1 | |
| 8 | 591231 | Slave cylinder | 1 | Note(1) |
| 9 | SH108251L | Screw | 2 | |
| 10 | WL108001L | Washer spring | 2 | |
| 11 | 591988 | Plate packing | 1 | |
| 12 | FRC3417 | Push rod-slave cylinder | 1 | |
| 13 | FRC3327 | Clip-push rod to lever | 1 | |

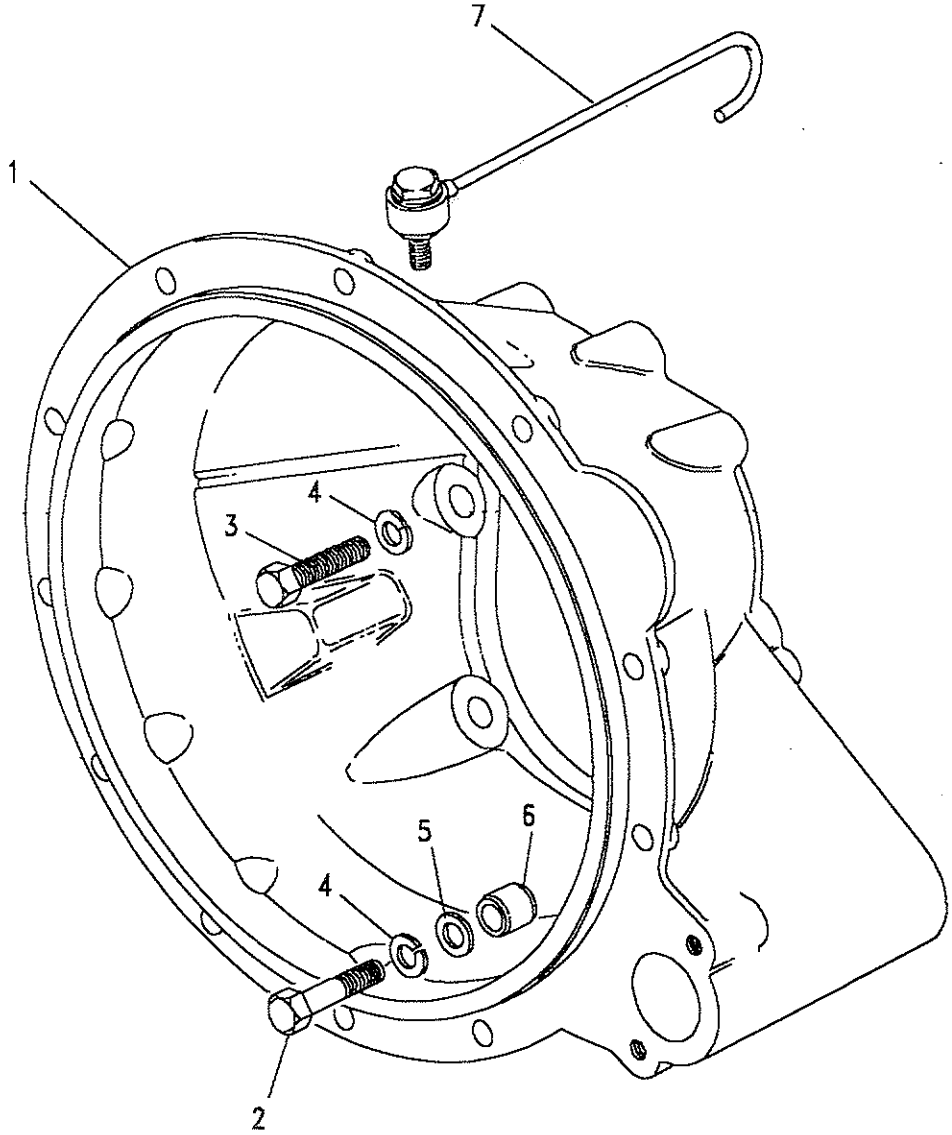
Note(1) Slave cylinder overhaul kit 8G8600L




**Model** DEFENDER 90
**Page** ADCDCA2A

## GEARBOX - CLUTCH RELEASE MECHANISM - V8 - LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | UKC8677L | Slave cylinder clutch | 1 | |
| | BHM7063L | Kit repair-slave cylinder | 1 | |
| 2 | FRC2402 | Plate backing | 1 | |
| 3 | SH108251L | Screw | 2 | |
| 4 | WL108001L | Washer spring | 2 | |
| 5 | 571160 | Push rod-slave cylinder | 1 | |
| 6 | 576723 | Clip push rod | 1 | |
| 7 | FRC9568 | Bearing clutch release | 1 | |
| 8 | 576137 | Lever clutch release | 1 | |
| 9 | FRC2975 | Cap pivot lever | 1 | |
| 10 | FRC2528 | Pivot release lever | 1 | |
| 11 | 571161 | Insert | 1 | |
| 12 | SH106101L | Screw | 1 | |
| 13 | WM106001L | Washer spring | 1 | |
| 14 | 571163 | Clip | 1 | |
| 15 | 576203 | Staple | 1 | |
| 16 | FRC4803 | Guide | 1 | |
| 17 | FRC2481 | Dowel | 2 | |
| 18 | SH108401L | Screw | 1 | |
| 19 | WL108001L | Washer spring | 2 | |

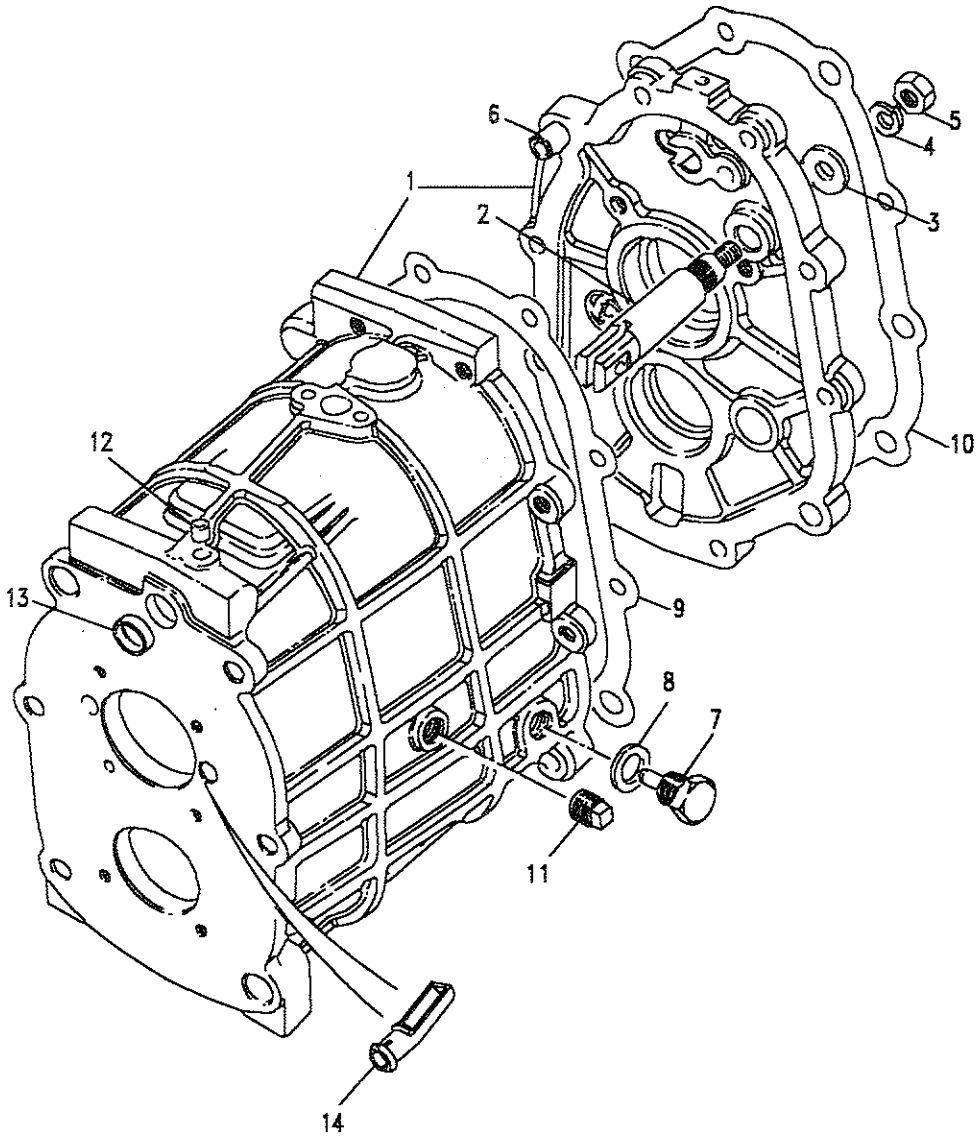



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**Page** ADCDEA1A

## GEARBOX - CLUTCH HOUSING - LT77/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC9865 | Bell housing | 1 | Note(1) |
| | FRC6154 | Bell housing | 1 | Note(2) |
| 2 | BH112091L | Bolt-housing to g/box | 2 | |
| 3 | SH112301L | Screw-housing to g/box | 4 | |
| 4 | WL112001L | Washer spring | 6 | |
| 5 | WA112081L | Washer-housing to g/box | 2 | |
| 6 | UKC25L | Dowel-hollow | 2 | |
| | FRC8758 | Dowel-plug | 2 | |
| 7 | FRC6375 | Breather assy-ext/case | 1 | Upto SEPT1987 |
| | FRC9428 | Breather assy-ext/case | 1 | From SEPT1987 |
| **Fixings Gearbox to Engine** | | | | |
| | FN110047 | Nut m10 | 11 | |
| | WA110061L | Washer plain | 11 | |

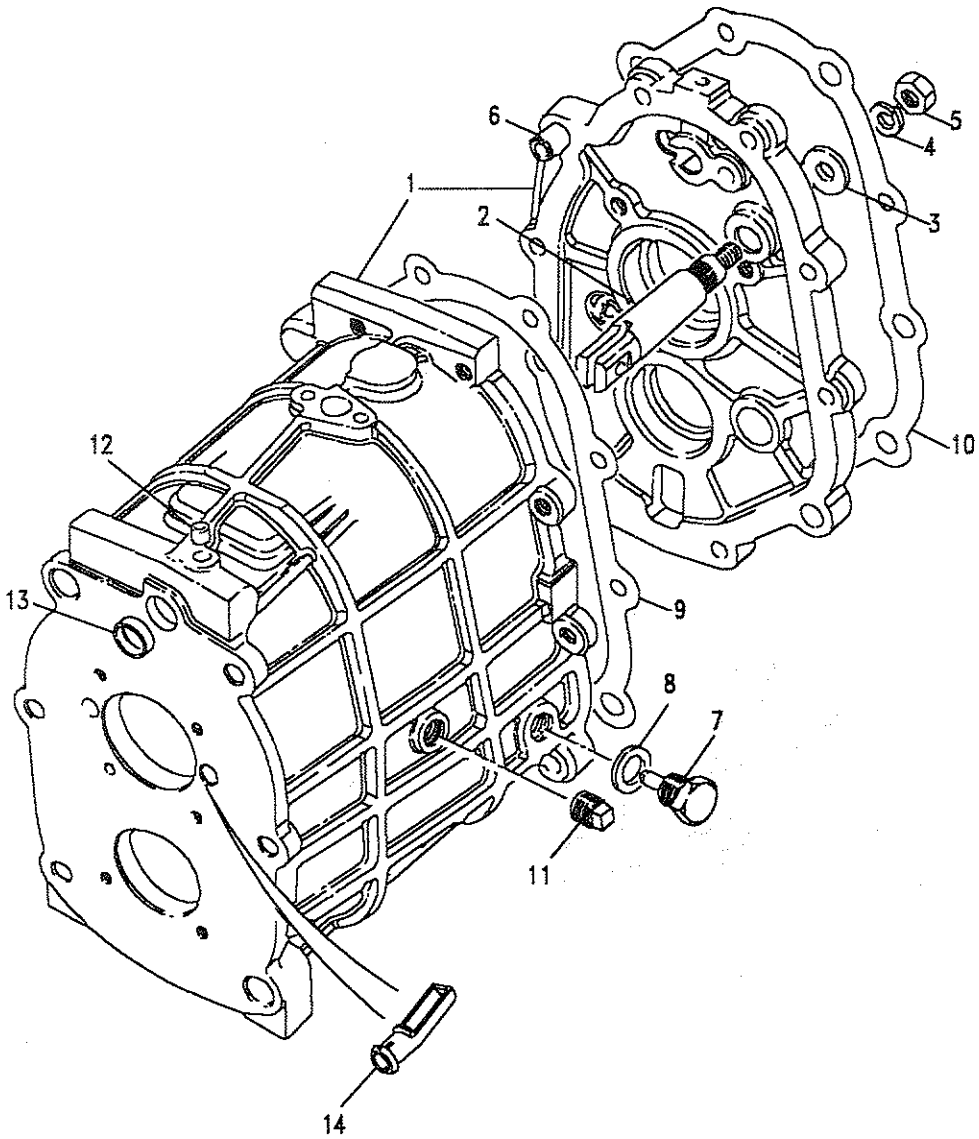
Note(1) For gearbox Serial Number 50A and 56A
Note(2) For gearbox Serial Number 60A and 61A




**Model** DEFENDER 90
**Page** ADCDEA2A

**GEARBOX - GEARCASE - LT77 - UP TO SUFFIX E INCLUSIVE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC471 | Gearcase/centre plate | 1 | |
| 2 | FRC8383 | Pin-reverse lever | 1 | |
| 3 | WA110061L | Washer | 1 | |
| 4 | WL110001L | Washer spring | 1 | |
| 5 | NH110041L | Nut | 1 | |
| 6 | UKC170L | Dowel hollow | 2 | |
| 7 | FRC6145 | Plug drain | 1 | |
| 8 | FTC4112 | Washer copper | 1 | |
| 9 | TKC1229L | Gasket-g/case to plate | 1 | |
| 10 | TKC1235L | Gasket-plate to ext/hsg | 1 | |
| 11 | 3292 | Plug-oil level | 1 | |
| 12 | UKC24L | Plug core | 1 | |
| 13 | UKC30L | Plug core | 1 | |
| 14 | TKC5779L | Catcher oil | 1 | |
| | FRC9803 | Plug core | 1 | |
| | UKC25L | Dowel | 1 | |

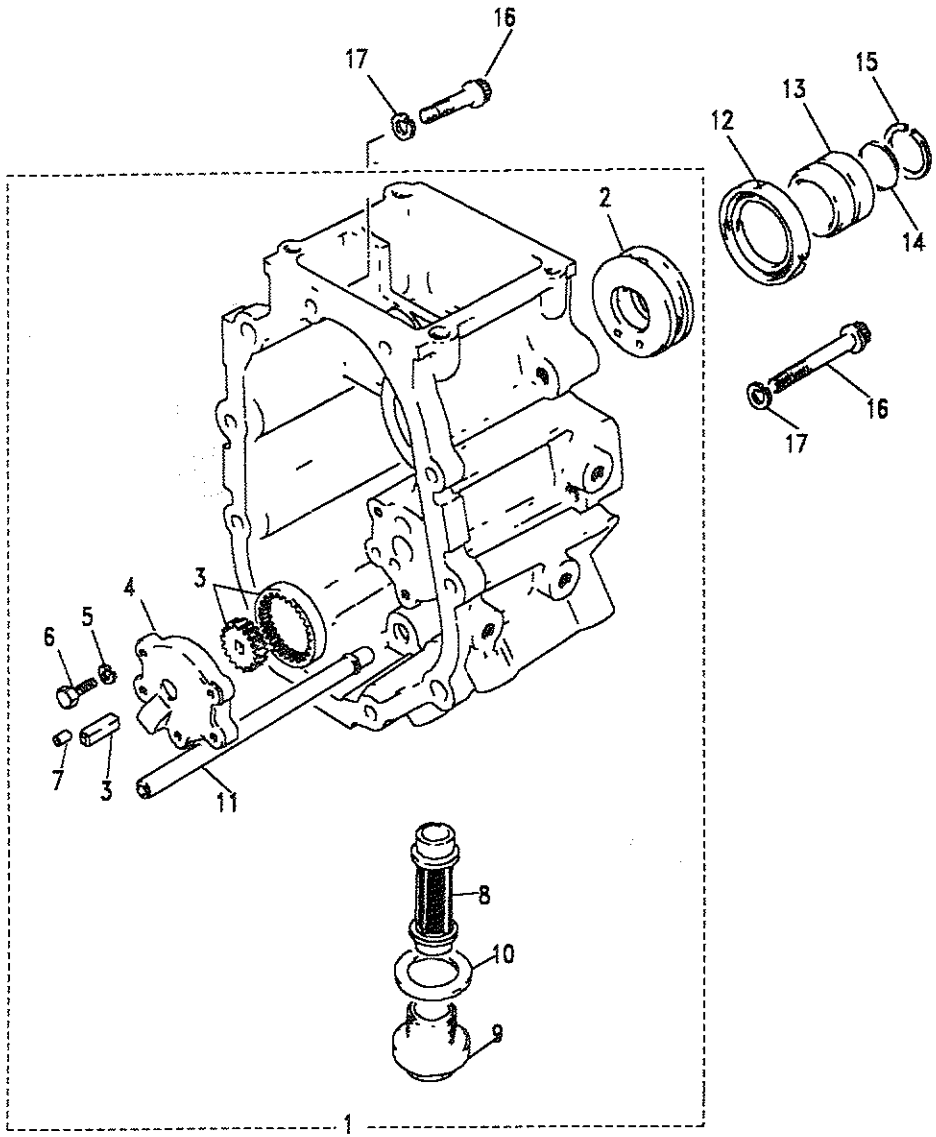



**Model** DEFENDER 90
**Page** ADCDEA3A

## GEARBOX - GEARCASE - LT77/LT77S FROM SUFFIX F

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC1036 | Gearcase/centre plate | 1 | Note(1) |
| 6 | UKC170L | Dowel | 2 | |
| 1 | FTC918 | Gearcase/centre plate | 1 | Note(2) |
| | FTC2192 | Gearcase/centre plate | 1 | Note(3) |
| 2 | FRC8383 | Pin-reverse lever | 1 | |
| 3 | WA110061L | Washer | 1 | |
| 4 | WL110001L | Washer spring | 1 | |
| 5 | NH110041L | Nut | 1 | |
| 6 | UKC170L | Dowel | 2 | |
| 7 | FRC6145 | Plug drain | 1 | |
| 8 | FTC4112 | Washer copper | 1 | |
| 9 | TKC1229L | Gasket g/case to plate | 1 | |
| 10 | TKC1235L | Gasket plate to ext/hsg | 1 | |
| 11 | 3292 | Plug oil level | 1 | |
| 12 | UKC 24L | Catcher oil | 1 | |
| 13 | UKC30L | Plug core | 1 | |
| 14 | TKC5779L | Catcher oil | 1 | |

Note(1) For gearbox Serial Number 50A Suffix F
Note(2) For gearbox Serial Number 50A 56A Suffix G
Note(3) For gearbox Serial Number 50a suffix H and 56A,60A,61A

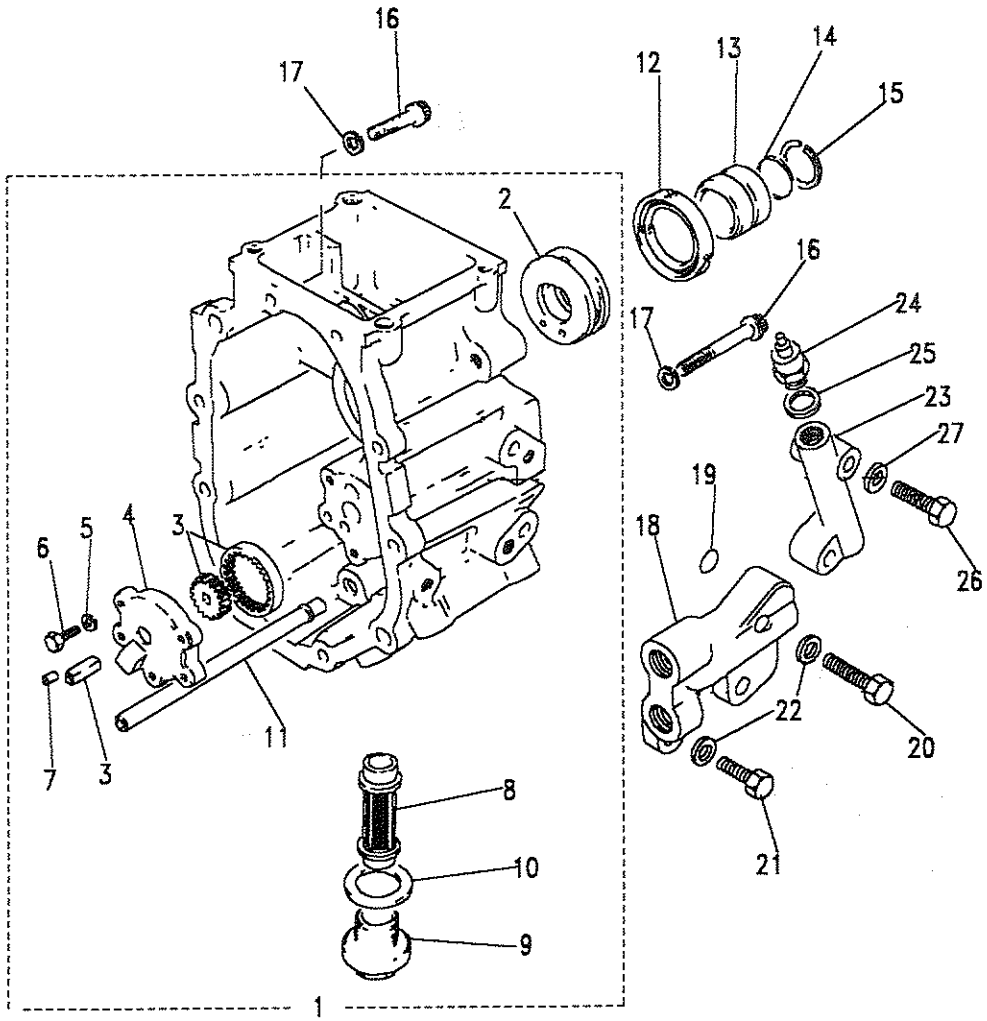



**Model** DEFENDER 90
**Page** ADCDGA1A

**GEARBOX - EXTENSION CASE - LT77 - UP TO SUFFIX F INCLUSIVE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC536 | Extension case/oil pump | 1 | Note(1) |
| | FTC1518 | Extension case/oil pump | 1 | Note(2) |
| 2 | FRC4449 | Ring oil feed | 1 | |
| 3 | STC820 | Kit-pump gears and shaft | 1 | |
| 4 | FRC6246 | Body-oil pump | 1 | |
| 5 | WL106001L | Washer spring | 3 | |
| 6 | FS106201L | Flange screw | 3 | |
| 7 | UKC2738L | Dowel | 2 | |
| 8 | FRC6244 | Filter | 1 | |
| 9 | 90571104 | Plug-filter | 1 | |
| 10 | FRC4810 | Washer plug | 1 | |
| 11 | FRC8104 | Pipe inlet pump | 1 | |
| 12 | FRC2365 | Seal oil-extension case | 1 | |
| 13 | FRC4493 | Collar-oil seal | 1 | |
| 14 | FRC4501 | 'O'ring-collar | 1 | |
| 15 | FRC4494 | Spring ring-collar | 1 | |
| 16 | FB108101 | Bolt-extension to gearbox | 2 | |
| | FRC4282 | Bolt-extension to gearbox | 8 | |
| 17 | WL108001L | Washer spring | 10 | |

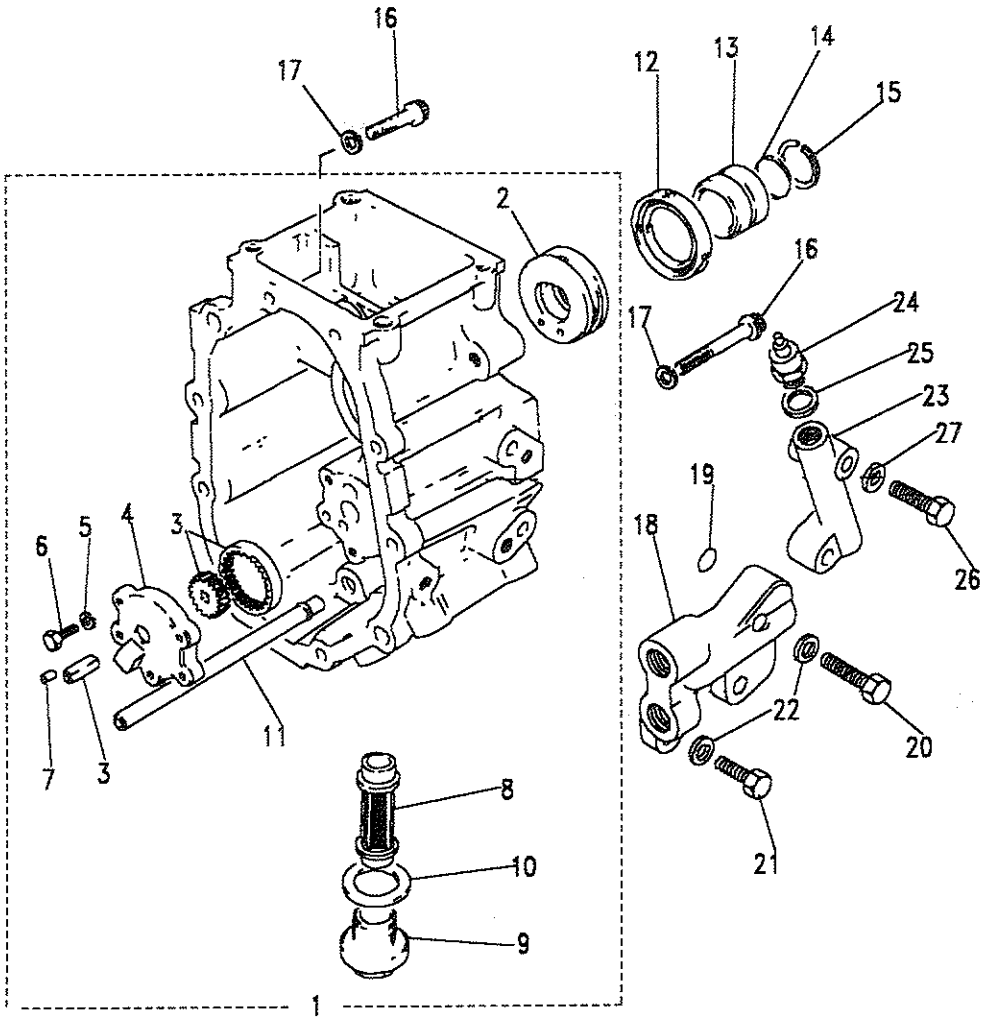
Note(1) Early type with pivot brkt/cross lever(2 Holes)
Note(2) Later type with rod between sel/finger and op/arm(1 Hole)




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**Page** ADCDGA2A

## GEARBOX - EXTENSION CASE - LT77/LT77S FROM SUFFIX G

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC1518 | Extension case/oil pump | 1 | Note(1) |
| | FTC2102 | Extension case/oil pump | 1 | Note(2) |
| | FTC2190 | Extension case/oil pump | 1 | Note(3) |
| | FTC890 | Stud-lifting bracket | 1 | |
| | FTC1533 | Screw-plug | 1 | |
| 2 | FRC4449 | Ring oil feed | 1 | |
| | FTC2210 | Ring oil feed | 1 | Asbestos free |
| 3 | STC822 | Kit-pump gears and shaft | 1 | |
| 4 | FTC1403 | Body-oil pump | 1 | |
| | FTC3623 | Body-oil pump | 1 | Note(4) |
| 5 | WA106001L | Washer plain | 3 | |
| 6 | BH106061L | Bolt | 3 | |
| 7 | UKC2738L | Dowel | 2 | |
| 8 | FRC6244 | Filter | 1 | |
| 9 | 90571104 | Plug-filter | 1 | |
| 10 | FRC4810 | Washer plug | 1 | |
| 11 | FRC8104 | Pipe inlet-pump | 1 | |

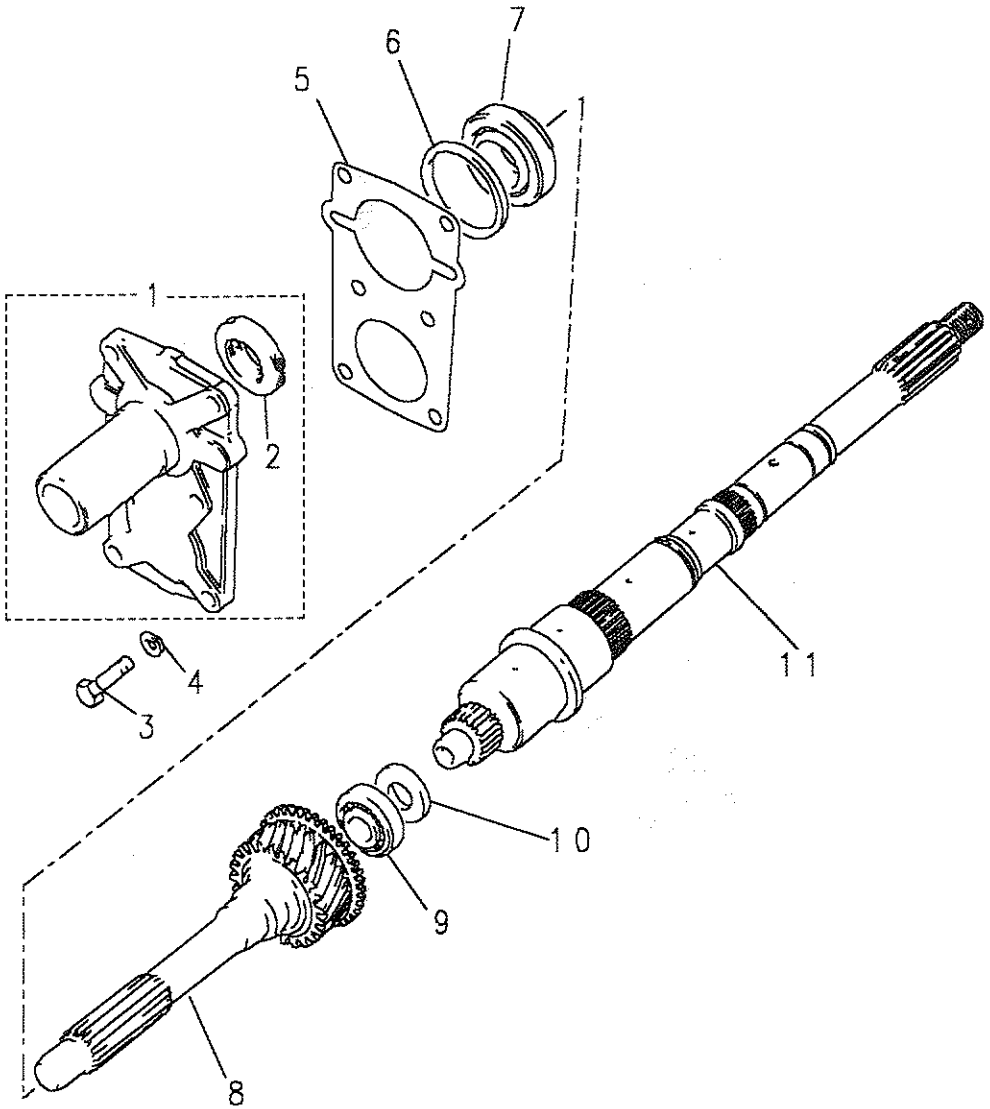



**Model** DEFENDER 90
**Page** ADCDGA2A

## GEARBOX - EXTENSION CASE - LT77/LT77S FROM SUFFIX G

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 12 | FRC2365 | Seal oil-extension case | 1 | |
| 13 | FRC4493 | Collar-oil seal | 1 | |
| 14 | FRC4501 | O ring-collar | 1 | |
| 15 | FRC4494 | Spring ring-collar | 1 | |
| 16 | BH108105L | Bolt | 2 | |
| | FRC4282 | Bolt | 8 | |
| 17 | WL108001L | Washer spring | 10 | |
| 18 | FTC1404 | Thermostat | 1 | ) |
| 19 | FTC1441 | O ring | 2 | ) |
| 20 | SH108401L | Screw M8x40 long | 1 | )Note(3) |
| 21 | SH108301L | Screw M8x30 long | 2 | ) |
| 22 | WA108051L | Washer plain M8 | 3 | ) |
| 23 | FTC2104 | Block oil extension case | 1 | ) |
| 24 | PRC8873 | Transmitter temperature | 1 | ) |
| 25 | 232042 | Washer joint copper | 1 | )Note(2) |
| 26 | SH108401L | Screw M8x40 long | 2 | ) |
| 27 | WA108051L | Washer plain M8 | 2 | ) |

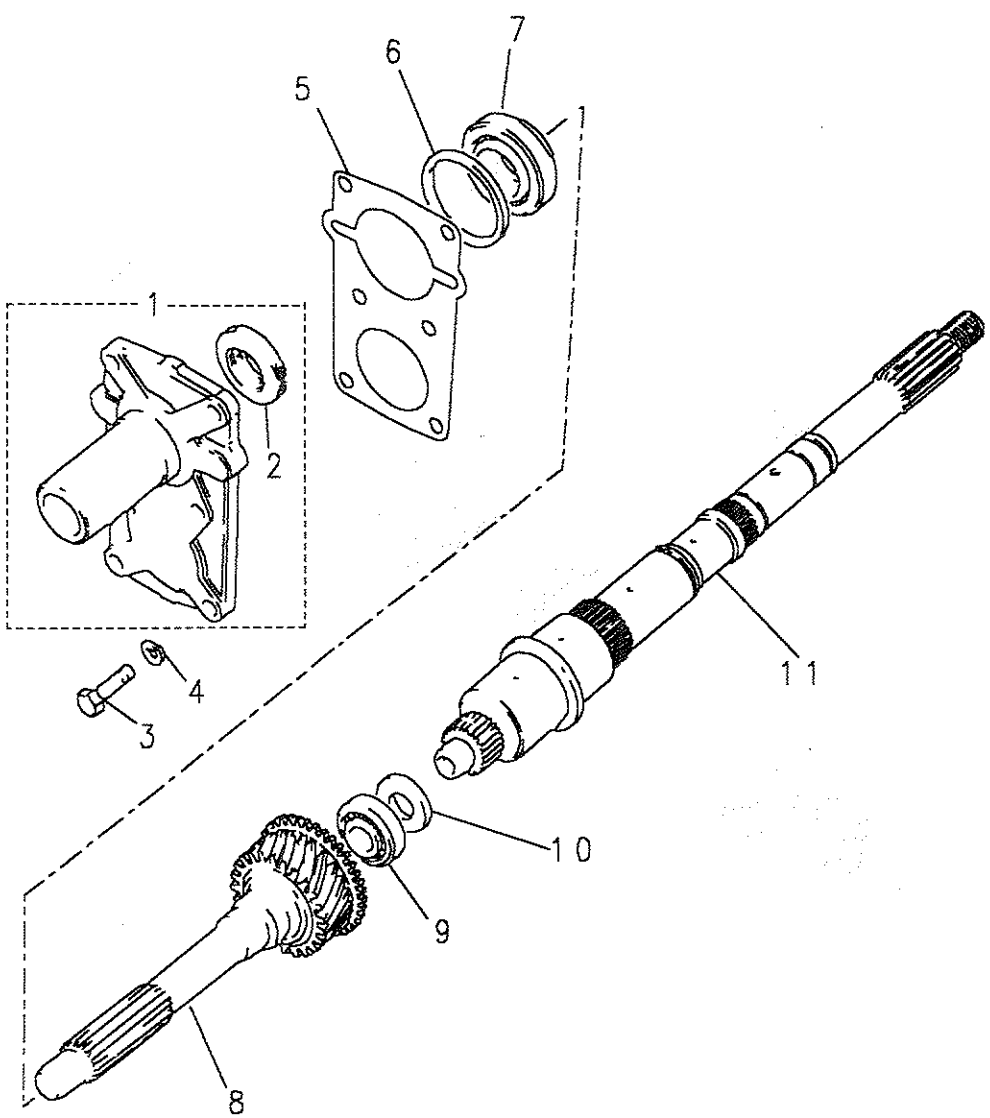
Note(1) For gearbox prefix 50A suffix G & H and all prefix 56A
Note(2) For gearbox prefix 60A
Note(3) For gearbox prefix 61A
Note(4) From gearbox number 0207406H




**Model** DEFENDER 90
**Page** ADCDIA1A

## GEARBOX - MAINSHAFT - LT77/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC4856 | Cover front assy | 1 | Upto Suffix E incl |
| | FTC311 | Cover front assy | 1 | From Suffix F |
| | FTC917 | Cover front assy | 1 | Note(1) |
| | FTC2822 | Cover front assy | 1 | Note(3) |
| 2 | UKC1060L | Seal oil front cover | 1 | |
| 3 | SH108251L | Screw | 6 | |
| 4 | WA108051L | Washer plain f 8 | 6 | |
| 5 | FRC4873 | Gasket | 1 | Upto Suffix E incl |
| | FTC316 | Gasket | 1 | From Suffix F |
| 6 | | SELECTIVE WASHER | | |
| | FRC4327 | 1.51mm | A/R | |
| | FRC4329 | 1.57mm | A/R | |
| | FRC4331 | 1.63mm | A/R | |
| | FRC4333 | 1.69mm | A/R | |
| | FRC4335 | 1.75mm | A/R | |
| | FRC4337 | 1.81mm | A/R | |
| | FRC4339 | 1.87mm | A/R | |
| | FRC4341 | 1.93mm | A/R | |
| | FRC4343 | 1.99mm | A/R | |
| | FRC4345 | 2.05mm | A/R | |
| | FRC4347 | 2.11mm | A/R | |
| | FRC4349 | 2.17mm | A/R | |
| | FRC4351 | 2.23mm | A/R | |
| | FRC4353 | 2.29mm | A/R | |
| | FRC4355 | 2.35mm | A/R | |
| | FRC4357 | 2.41mm | A/R | |
| | FRC4359 | 2.47mm | A/R | |
| | FRC4361 | 2.53mm | A/R | |
| | FRC4363 | 2.59mm | A/R | |
| | FRC4365 | 2.65mm | A/R | |
| | FRC4367 | 2.71mm | A/R | |
| | FRC4369 | 2.77mm | A/R | |

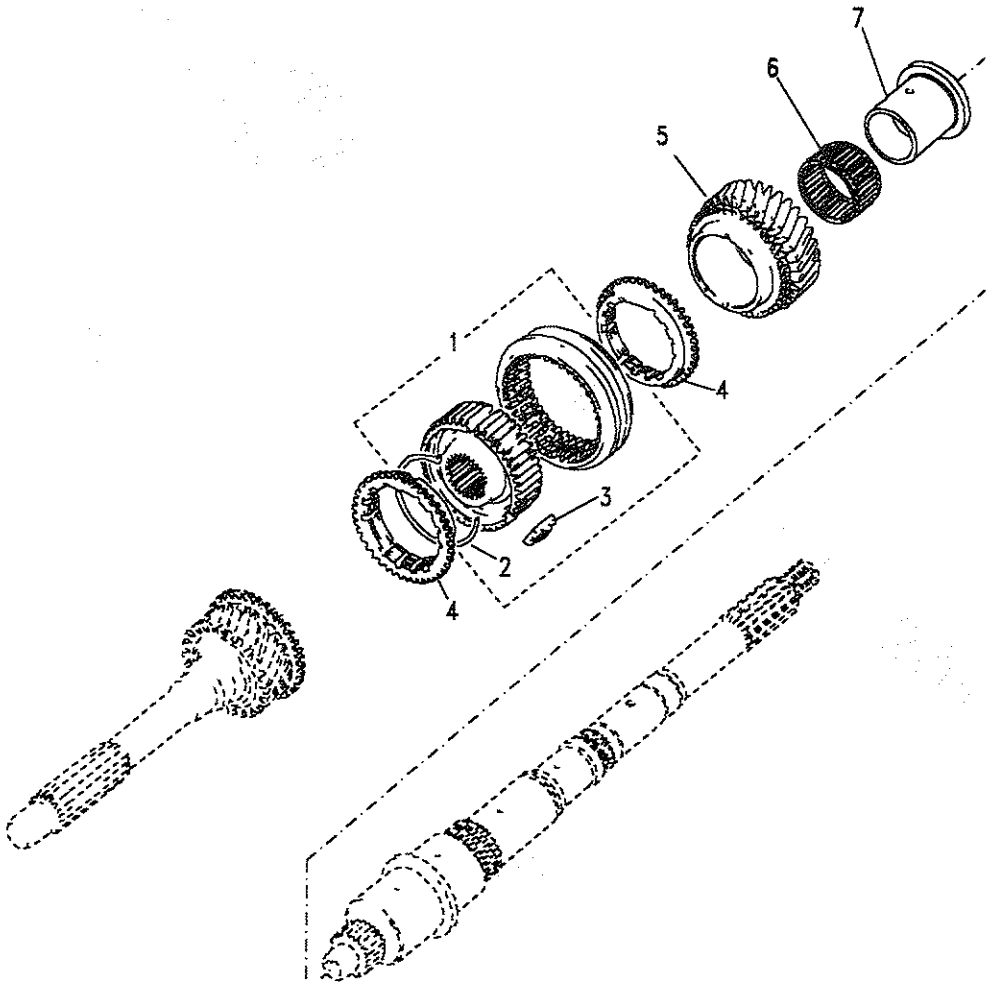



**Model** DEFENDER 90
**Page** ADCDIA1A

## GEARBOX - MAINSHAFT - LT77/LT77S - CONTINUED

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 7 | RTC6751 | Bearing | 1 | Suffix E,F |
| 8 | FRC4845 | Shaft-constant pinion | 1 | 50A Suffix E,F |
| | FTC1406 | Shaft-constant pinion | 1 | )50A |
| | FTC1293 | Disc synchro stop | 1 | )Suffix G,H |
| | FTC1428 | Shaft constant pinion | 1 | )56A |
| | FTC1293 | Disc Synchro Stop | 1 | )Suffix G.H |
| | FTC347 | Shaft constant pinion | 1 | )60A 61A |
| | FTC1293 | Disc synchro stop | 1 | )Suffix H |
| | FTC1420 | Shaft constant pinion | 1 | Taxi |
| 9 | UKC8L | Bearing | 1 | |
| 10 | UKC37L | Spacer | 1 | |
| 11 | FRC5305 | Mainshaft assembly | 1 | 50A Suffix E,F |
| | FTC1446 | Mainshaft assembly | 1 | Note(2) |
| | FTC1282 | Mainshaft assembly | 1 | Note(3) |

Note(1) For gearbox Serial Number 50A Suffix G&H and 56A,60A,61A
Note(2) For gearbox Serial Number 50A,56A Suffix G
Note(3) For gearbox Serial Number 50A Suffix H and 56A,60A,61A

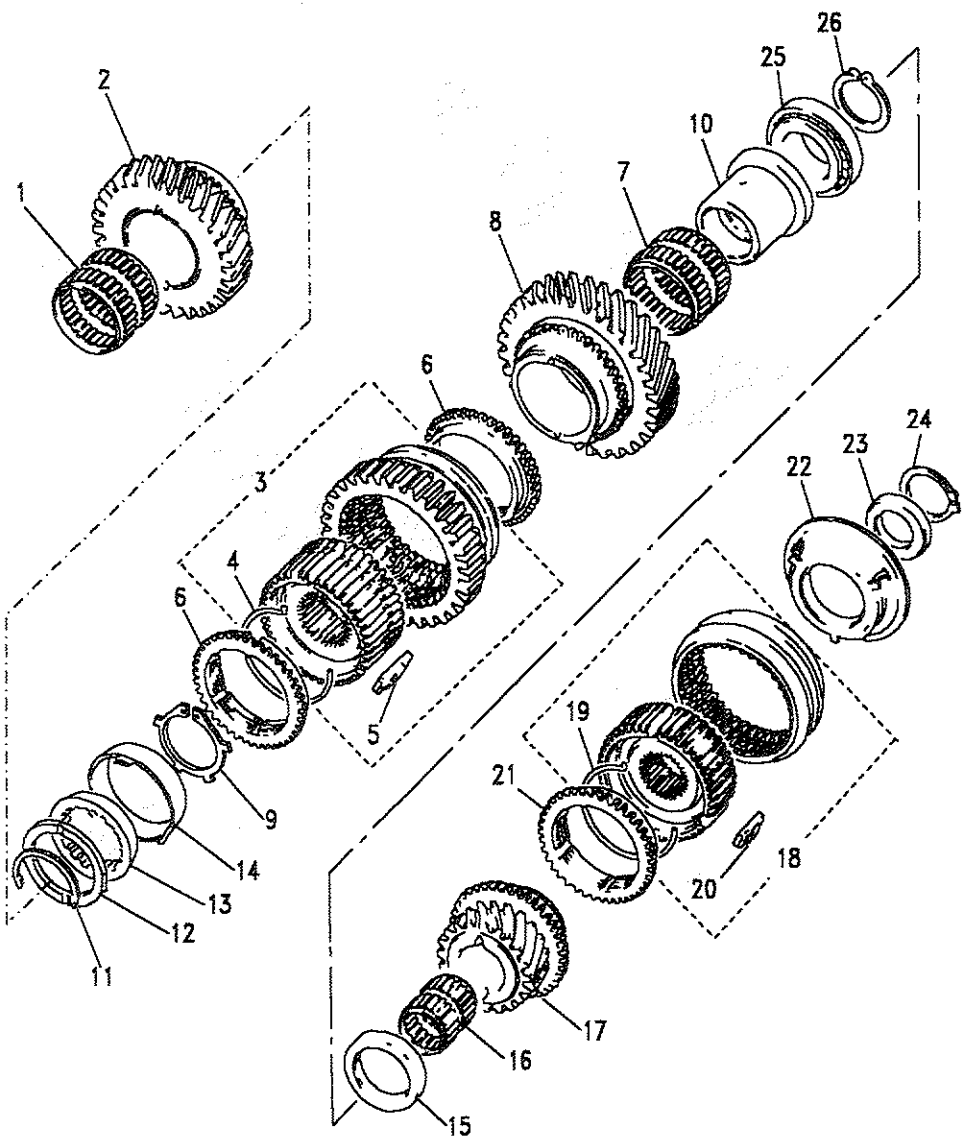



**Model** DEFENDER 90
**Page** ADCDIC1A

## GEARBOX - MAINSHAFT GEARS - LT77/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **3rd and 4th gears** | | | | |
| 1 | FRC9792L | Synchro assembly | 1 | ) |
| 2 | UKC31L | Spring synchro | 2 | )Note(1) |
| 3 | UKC3530L | Plate shifting | 3 | ) |
| 4 | FRC8232 | Baulk ring | 2 | ) |
| 5 | TKC6962L | Gear-3rd speed | 1 | Upto 50A Suf F inclusive |
| | FTC358 | Gear-3rd speed | 1 | 50A,56A Suf G |
| | FTC2504 | Gear-3rd speed | 1 | 60A,61A |
| | FTC2505 | Gear-3rd speed | 1 | 50A,56A/Suf-H |
| 6 | FTC1313 | Bearing-needle roller | 1 | )50A,56A,60A, |
| 7 | FTC1310 | Bush-mainshaft | | )61A/Suf-H |

Note(1) For gearbox Serial Number 50A,56A,60A,61A,(up to and inc/Suf-H)

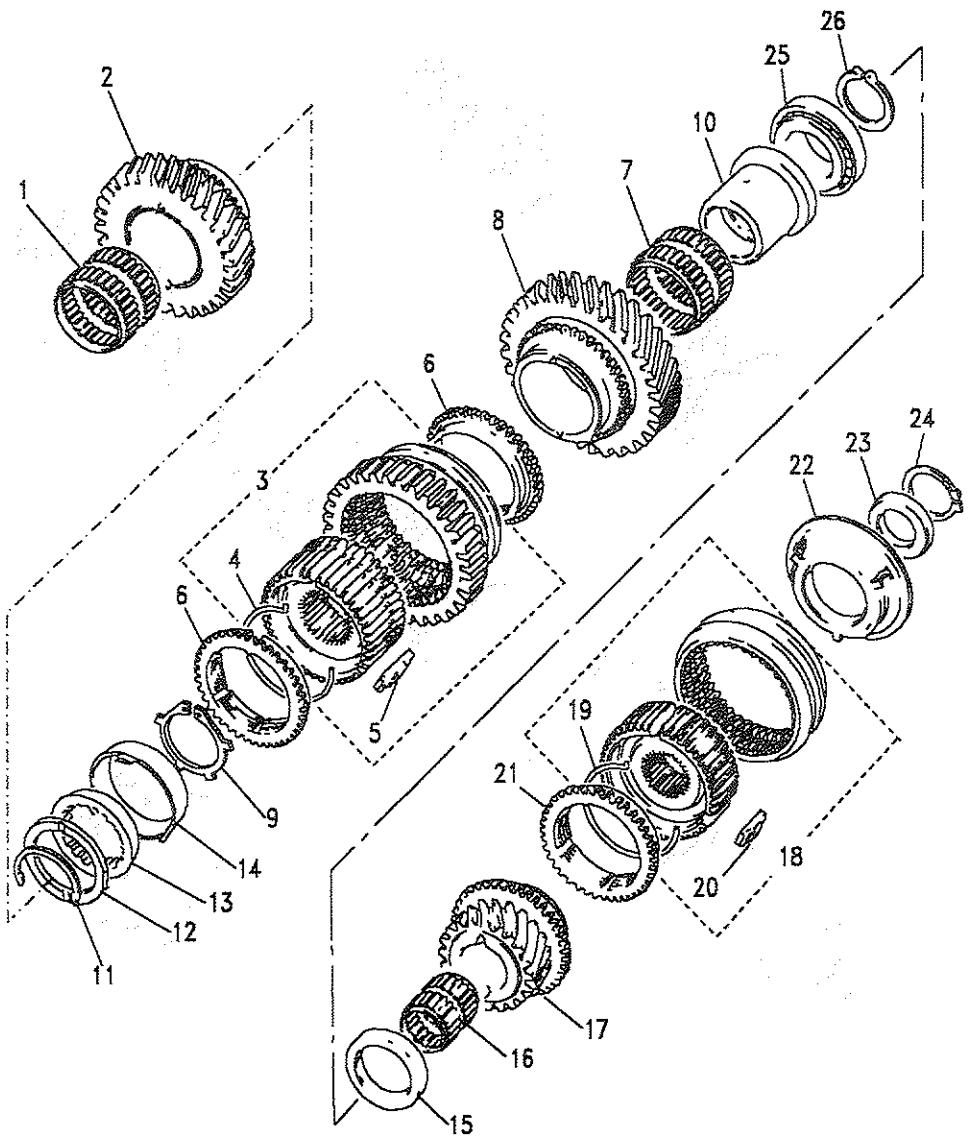



**Model** DEFENDER 90
**Page** ADCDIC2A

**GEARBOX - MAINSHAFT GEARS - LT77/LT77S**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **1st and 2nd gears** | | | | |
| 1 | FRC5678 | Bearing-needle | 2 | 50A,56A Suf-G incl |
| | FTC1312 | Bearing-needle | 1 | )50A,56A,60A, )61A/Suf-H |
| 2 | FRC5279 | Gear 2nd speed | 1 | Upto50A/Suf F incl |
| | FTC357 | Gear 2nd speed | 1 | 50A,56A Suf G |
| | FTC2462 | Gear 2nd speed | 1 | )50A,56A,60A, )61A/Suf-H |
| 3 | FRC6670 | Synchro assembly | 1 | Upto 0173664 |
| | FRC9386 | Synchro assembly | 1 | From 0173665 |
| | FTC1327 | Synchro assembly | 1 | 50A,56A Suf-G |
| | STC8577 | Synchro assembly | 1 | )50A,56A,60A, )61A/Suf-H |
| 4 | UKC31L | Spring | 2 | )Upto |
| 5 | UKC3531L | Plate shifting | 3 | )50A,56A, |
| 6 | FRC8232 | Baulk ring | 2 | )Suffix G incl |
| 4 | UKC31L | Spring | 2 | )50A,56A,60A, |
| 5 | FTC3373 | Plate shifting | 3 | )61A/Suf-H |
| 6 | FTC2282 | Baulk ring | 2 | ) |
| 5 | FTC4011 | Plate shifting synchro | 3 | ) Note(1) |
| 6 | FTC4007 | Baulk ring | 2 | ) |
| 7 | FRC5679 | Bearing-needle | 1 | Up to suf G |
| | FTC1311 | Bearing-needle | 1 | Suffix H |

Note(1) From gearbox 0242820H

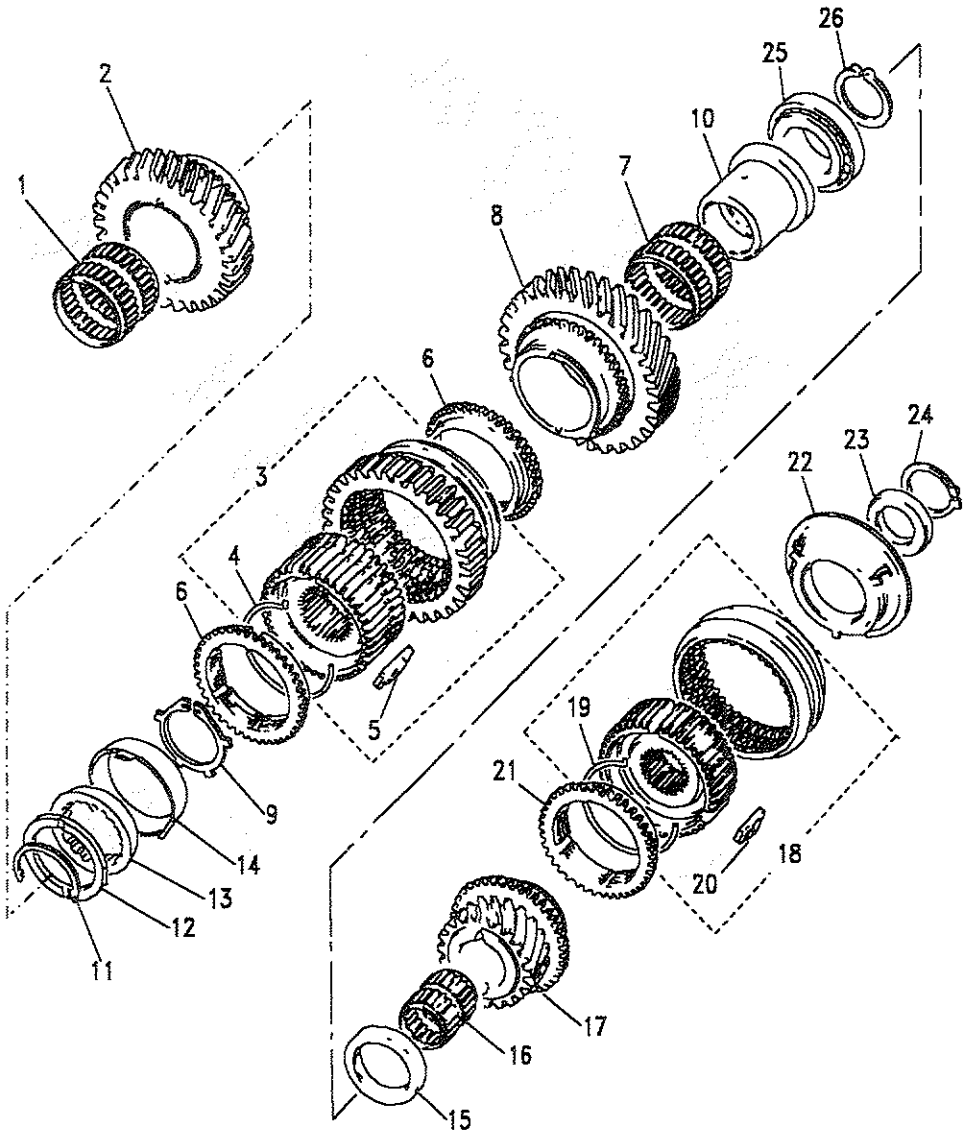



**Model** DEFENDER 90
**Page** ADCDIC2A

## GEARBOX - MAINSHAFT GEARS - LT77/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 8 | FRC5253 | Gear-1st speed | 1 | Upto 50A/Suf F incl |
| | FTC2089 | Gear-1st speed | 1 | 50A Suffix G |
| | FTC2090 | Gear-1st speed-200TDI | 1 | 56A Suffix G |
| | FTC1760 | Gear-1st speed | 1 | 50A Suffix H |
| | FTC1989 | Gear-1st speed | 1 | )56A,60A,61A, )Suffix-H |
| | UKC37L | Spacer-synchro hub/pilot | 1 | |
| 9 | FTC2084 | Circlip-1st & 2nd hub | 2 | |
| | FTC4009 | Circlip | 2 | Note(1) |
| 10 | | BUSH-1ST SPEED | | |
| | FRC5243 | 40.16 to 40.21mm | A/R | ) |
| | FRC5244 | 40.21 to 40.26mm | A/R | )50A,56A, |
| | FRC5245 | 40.26 to 40.31mm | A/R | )Upto Suf G |
| | FRC5246 | 40.31 to 40.36mm | A/R | )inclusive |
| | FRC5247 | 40.36 to 40.41mm | A/R | ) |
| 10 | | BUSH-1ST SPEED | | |
| | FTC2005 | Bush-1st speed | 1 | ) |
| | FTC2006 | Bush 1st speed | 1 | )50A,56A,60A, |
| | FTC2007 | Bush 1st speed | 1 | )61A/Suf-H |
| | FTC2008 | Bush 1st speed | 1 | ) |
| | FTC2009 | Bush 1st speed | 1 | ) |
| 11 | FTC1752 | Circlip-mainshaft | 1 | ) |
| 12 | FTC1301 | Spacer 1st & 2nd synchro | 1 | )50A,56A,60A, |
| 13 | FTC2283 | Cone synchro inner | 1 | )61A/Suf-H |
| 14 | FTC2284 | Ring dual line synchro | 1 | ) |
| 13 | FTC4008 | Cone synchro inner | 1 | ) Note(1) |
| 14 | FTC4010 | Ring dual line synchro | 1 | ) |

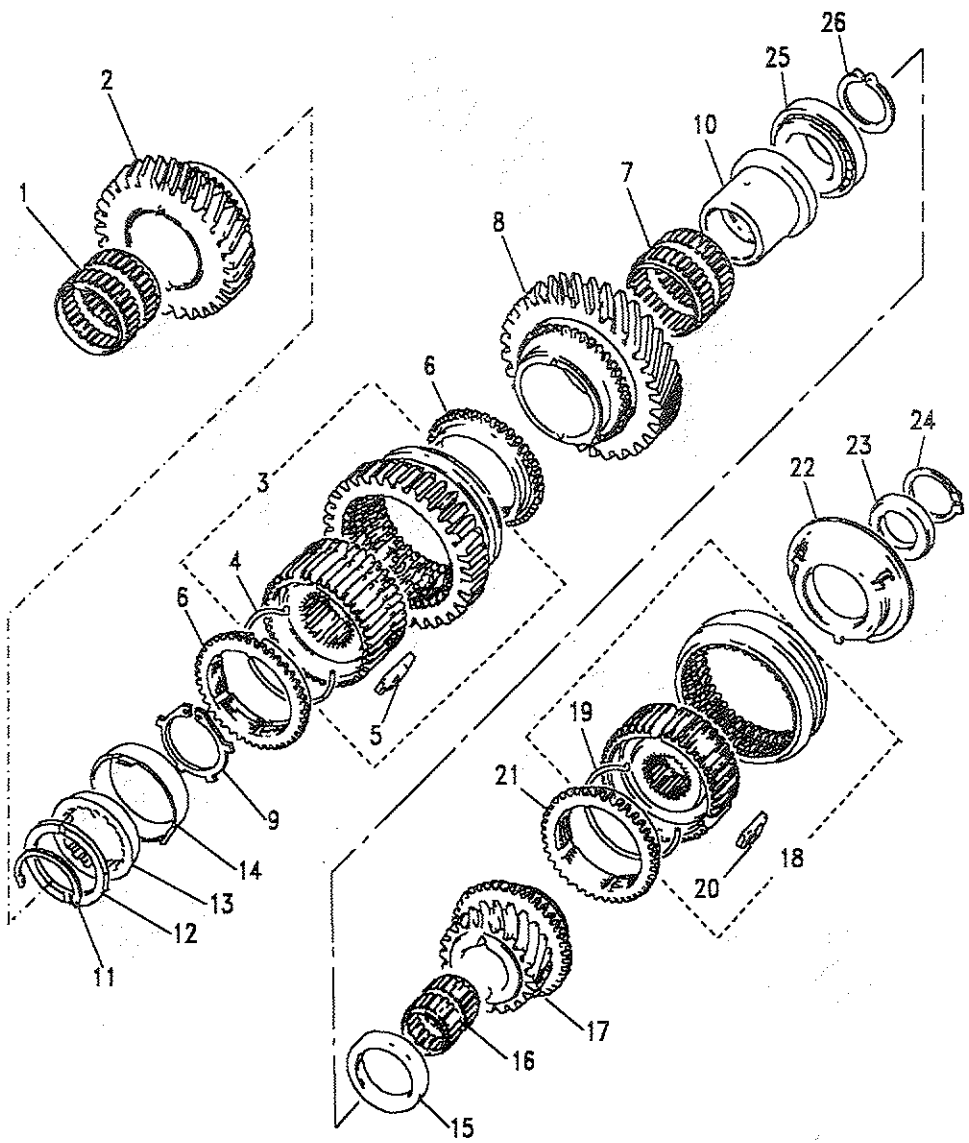
Note(1) From gearbox 0242820H




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**GEARBOX - MAINSHAFT GEARS - LT77/LT77S**

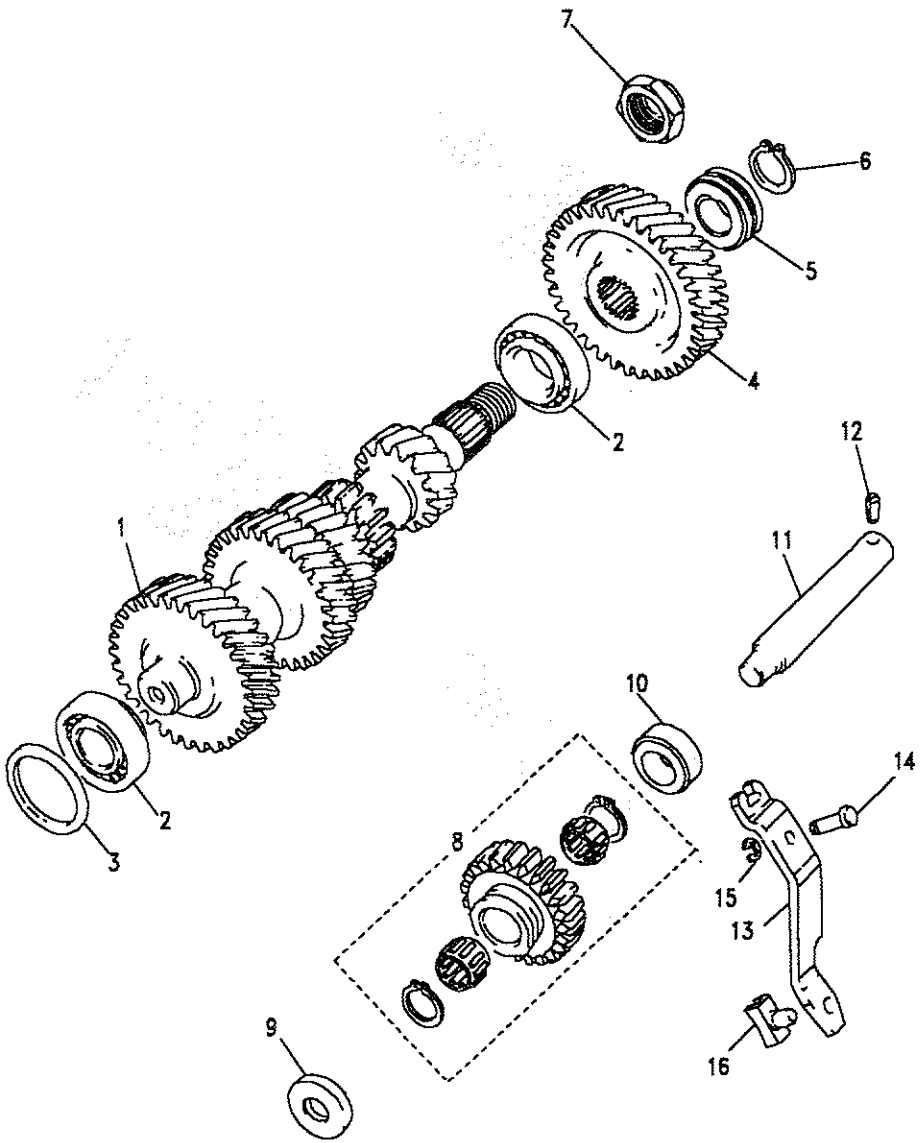
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **5th gear** | | | | |
| 15 | FRC4321 | Collar-5th gear | 1 | Upto Suf F incl |
| | FTC916 | Collar-5th gear | 1 | From Suf G |
| 16 | FRC5280 | Needle bearing | 1 | |
| 17 | RKC5098L | Gear 5th speed | 1 | Upto 50A/Suf F incl |
| | FTC1791 | Gear-5th-speed | 1 | )50A,56A,60A, )61A/Suf-G&H |
| 18 | FRC9389 | Synchromesh assy | 1 | Upto 50A/Suf F incl |
| | FTC1455 | Synchromesh assy | 1 | )50A,56A,60A, )61A/Suf-G&H |
| 19 | UKC31L | Spring | 2 | |
| 20 | UKC3530L | Plate shifting | 3 | |
| 21 | FRC8232 | Baulk ring | 1 | |
| 22 | FRC5235 | Plate support | 1 | |




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**Page** ADCDIC2A

**GEARBOX - MAINSHAFT GEARS - LT77/LT77S - CONTINUED**

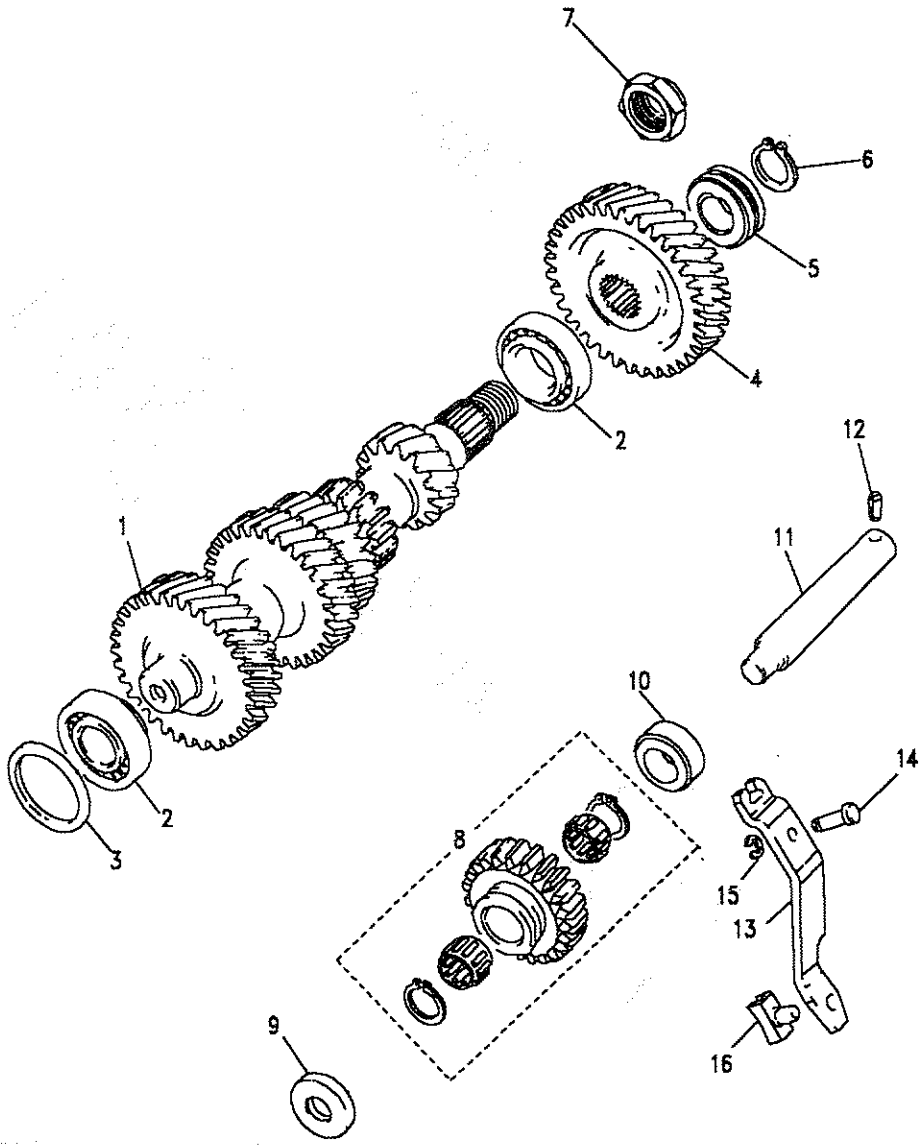
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 23 | | WASHER-SUPPORT PLATE | | |
| | FRC5284 | 5.10mm | A/R | |
| | FRC5286 | 5.16mm | A/R | |
| | FRC5288 | 5.22mm | A/R | |
| | FRC5290 | 5.28mm | A/R | |
| | FRC5292 | 5.34mm | A/R | |
| | FRC5294 | 5.40mm | A/R | |
| | FRC5296 | 5.46mm | A/R | |
| | FRC5298 | 5.52mm | A/R | |
| | FRC5300 | 5.58mm | A/R | |
| | FRC5302 | 5.64mm | A/R | |
| 24 | FRC9526 | Circlip-mainshaft | 1 | |
| 25 | RTC2914 | Bearing | 1 | |
| 26 | FRC9812 | Circlip | 1 | |




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**Page** ADCDIE1A

**GEARBOX - LAYSHAFT - LT77 - UP TO SUFFIX E INCLUSIVE**

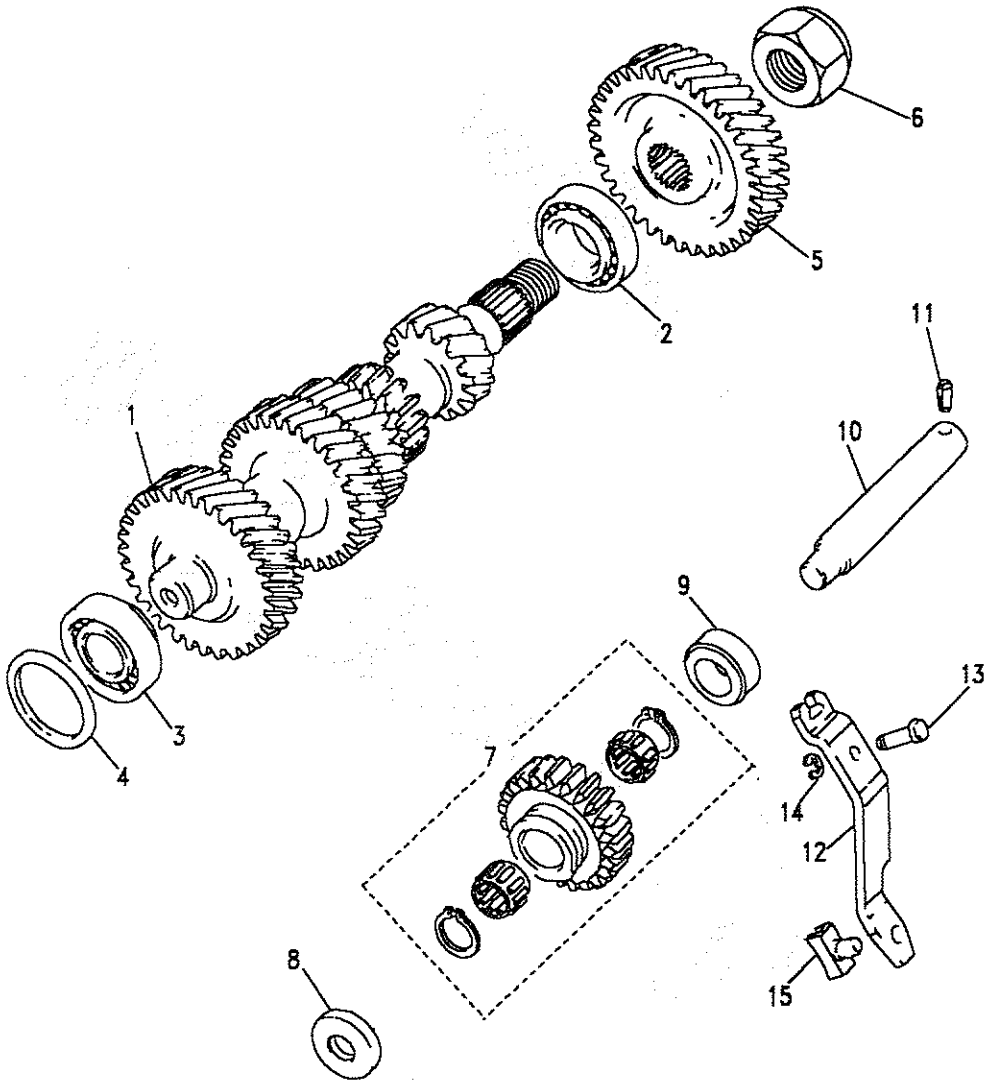
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7575 | Layshaft | 1 | Upto 0173664 |
| | FRC8141 | Layshaft | 1 | From 0173665 |
| 2 | ULC1796L | Bearing layshaft | 2 | |
| 3 | | SELECTIVE WASHERS | | |
| | TKC4633 | 1.69mm | A/R | |
| | TKC4635L | 1.75mm | A/R | |
| | TKC4637 | 1.81mm | A/R | |
| | TKC4639 | 1.87mm | A/R | |
| | TKC4641 | 1.93mm | A/R | |
| | TKC4643L | 1.99mm | A/R | |
| | TKC4645 | 2.05mm | A/R | |
| | TKC4647L | 2.11mm | A/R | |
| | TKC4649 | 2.17mm | A/R | |
| | TKC4651L | 2.23mm | A/R | |
| | TKC4653L | 2.29mm | A/R | |
| | TKC4655L | 2.35mm | A/R | |
| | TKC4657L | 2.41mm | A/R | |
| | TKC4659L | 2.47mm | A/R | |
| | TKC4661L | 2.53mm | A/R | |
| | TKC4663L | 2.59mm | A/R | |




**Model** DEFENDER 90
**Page** ADCDIE1A

**GEARBOX - LAYSHAFT - LT77 - UP TO SUFFIX E INCLUSIVE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 4 | FRC5162 | Gear 5th speed layshaft | 1 | |
| 5 | UKC1689L | Washer-5th speed layshaft | 1 | |
| 6 | UKC1690L | Circlip-gear/layshaft | 1 | |
| 7 | FRC7214 | Nut | 1 | |
| 8 | FRC7602 | Gear assembly-reverse | 1 | Upto 0173664 |
| | FRC8285 | Gear assembly-reverse | 1 | From 0173665 |
| 9 | FRC4947 | Spacer | 1 | |
| 10 | FRC5186 | Spacer | 1 | |
| 11 | FRC5095 | Shaft-reverse idler | 1 | |
| 12 | UKC18L | Roll pin | 1 | |
| 13 | TKC1428L | Lever-reverse operating | 1 | Upto 0173664 |
| | FRC8246 | Lever-reverse operating | 1 | From 0173665 |
| 14 | UKC2662L | Pivot reverse lever | 1 | Upto 0173664 |
| | FRC8382 | Pivot-reverse lever | 1 | From 0173665 |
| 15 | 13H2023L | Circlip | 1 | |
| 16 | FRC4946 | Slipper pad-reverse gear | 1 | Upto 0173664 |
| | FRC8384 | Slipper pad-reverse gear | 1 | From 0173665 |

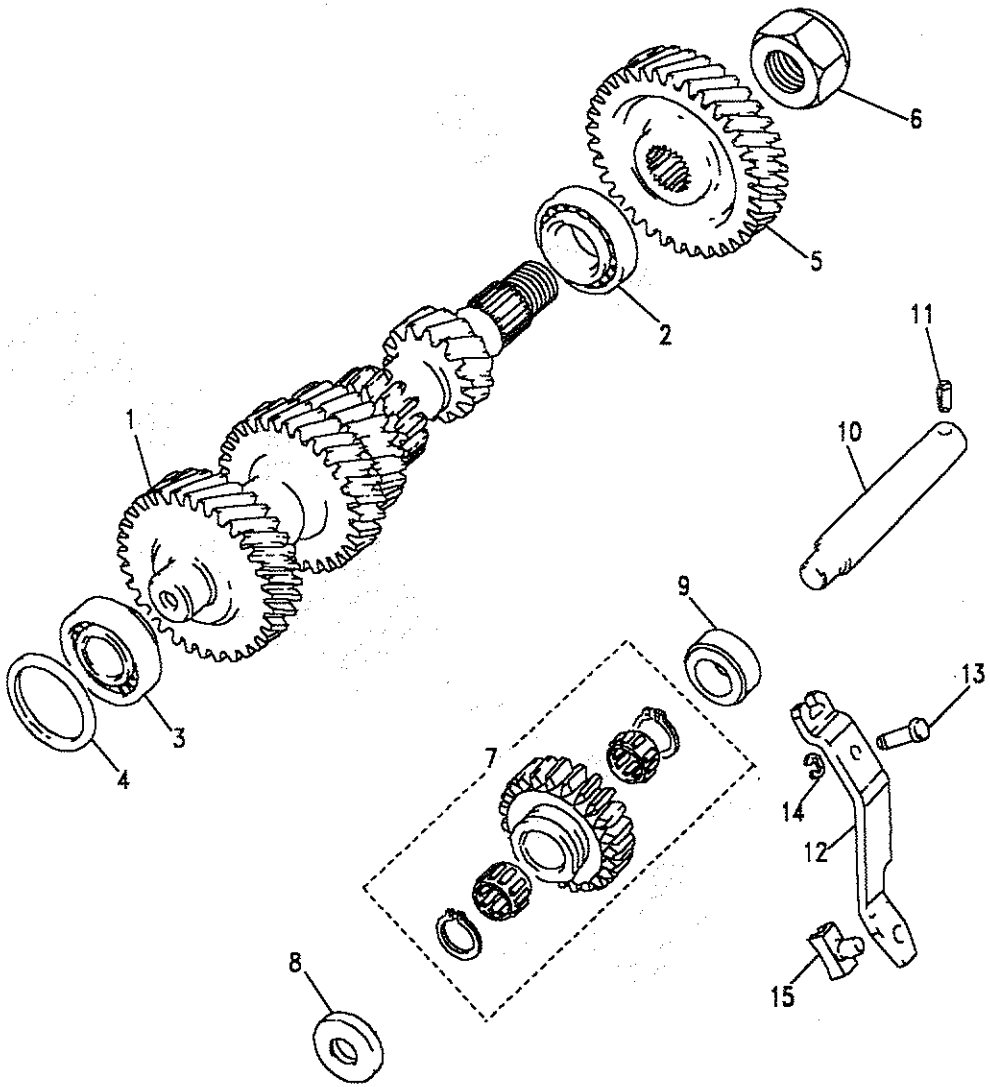



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## GEARBOX - LAYSHAFT - LT77/LT77S - FROM SUFFIX F

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC9761 | Layshaft | 1 | Note(1) |
| | FTC1416 | Layshaft | 1 | Note(2) |
| | FTC1074 | Layshaft | 1 | Note(3) |
| 2 | FTC317 | Bearing-layshaft rear | 1 | |
| 3 | FTC248 | Bearing-layshaft Front | 1 | |
| 4 | | SELECTIVE WASHERS | | |
| | FTC263 | 1.39mm | 1 | |
| | FTC265 | 1.45mm | 1 | |
| | FTC267 | 1.51mm | 1 | |
| | FTC269 | 1.57mm | 1 | |
| | FTC271 | 1.63mm | 1 | |
| | FTC273 | 1.69mm | 1 | |
| | FTC275 | 1.75mm | 1 | |
| | FTC277 | 1.81mm | 1 | |
| | FTC279 | 1.87mm | 1 | |
| | FTC281 | 1.93mm | 1 | |
| | FTC283 | 1.99mm | 1 | |
| | FTC285 | 2.05mm | 1 | |
| | FTC287 | 2.11mm | 1 | |
| | FTC289 | 2.17mm | 1 | |
| | FTC291 | 2.23mm | 1 | |
| | FTC293 | 2.29mm | 1 | |
| | FTC295 | 2.35mm | 1 | |

Note(1) For gearbox Serial Number 50A up to Suffix G
Note(2) For gearbox Serial Number 50A Suffix G&H
Note(3) For gearbox Serial Number 56A,60A,61A

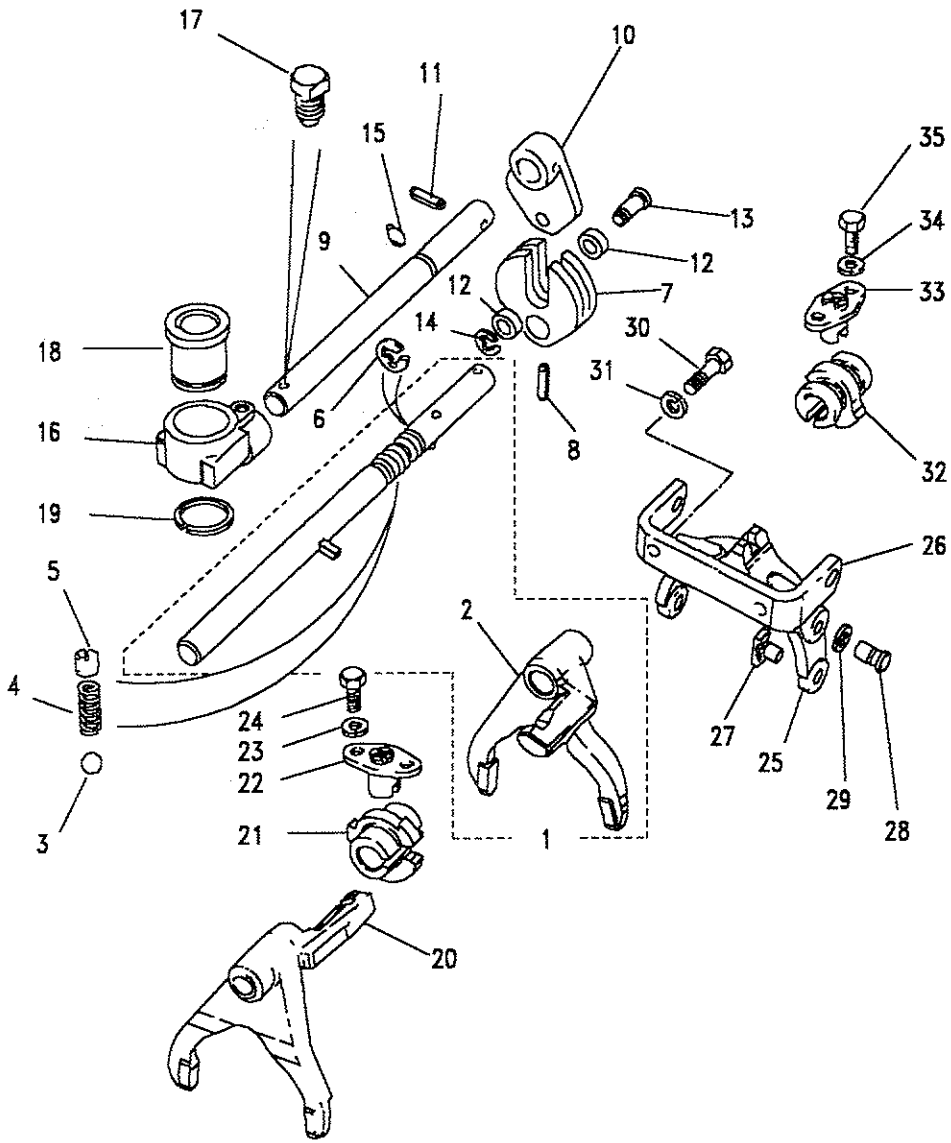



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**Page** ADCDIE2A

## GEARBOX - LAYSHAFT - LT77/LT77S - CONTINUED

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 5 | FRC9758 | Gear 5th speed layshaft | 1 | Note(1) |
| | FTC419 | Gear 5th speed layshaft | 1 | Note(2) |
| 6 | FRC7214 | Nut | 1 | |
| 7 | FRC8285 | Gear assembly-reverse | 1 | |
| 8 | FRC4947 | Spacer | 1 | |
| 9 | FRC5186 | Spacer | 1 | |
| 10 | FRC5095 | Shaft-reverse idler | 1 | |
| 11 | UKC18L | Roll pin | 1 | |
| 12 | FRC8246 | Lever-reverse operating | 1 | |
| 13 | FRC8382 | Pivot-reverse lever | 1 | |
| 14 | 13H2023L | Circlip | 1 | |
| 15 | FTC1435 | Slipper pad-reverse gear | 1 | |

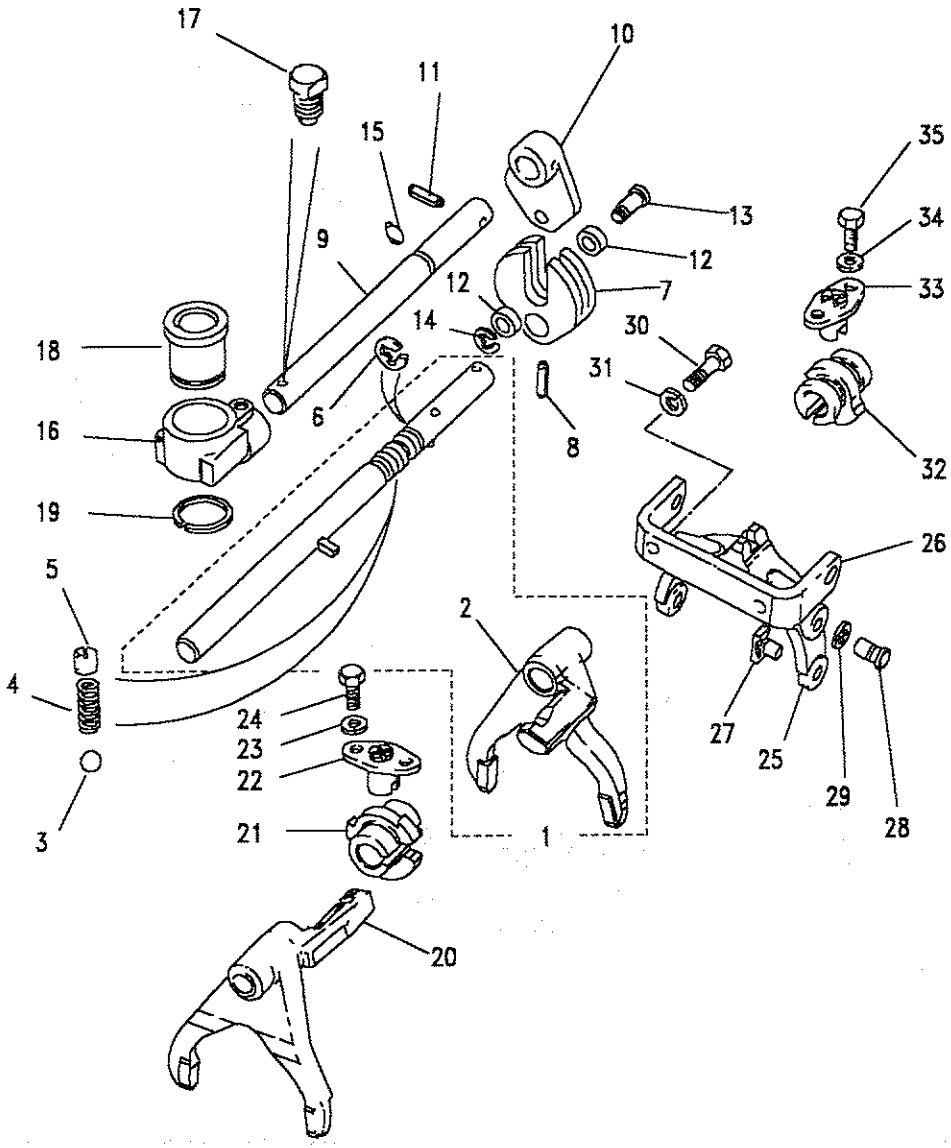
Note(1) For gearbox Serial Number 50A up to Suffix G
Note(2) For gearbox Serial Number 50A Suffix G&H and 56A,60A,61A




**Model** DEFENDER 90
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## GEARBOX - SELECTORS AND SHAFTS - LT77/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC1814 | Shaft assembly | 1 | )Note(1) |
| 2 | FTC1490 | Fork-selector-1st/2nd | 1 | ) |
| | FTC1765 | Shaft assembly | 1 | )Note(2) |
| | FTC2450 | Fork-selector-1st/2nd | 1 | ) |
| 3 | BLS112L | Ball-detent | 1 | )Note(3) |
| 4 | FRC7195 | Spring-detent | 1 | ) |
| 5 | UKC75L | Plug-spring retaining | 1 | ) |
| 3 | BLS112L | Ball detent | 1 | )Note(4) |
| 4 | FTC3382 | Spring detent | 1 | ) |
| 5 | FTC2193 | Plug | 1 | ) |
| 6 | UKC73L | Circlip-selector shaft | 1 | |
| 7 | FRC7330 | Quadrant | 1 | |
| 8 | FRC7332 | Spring pin | 1 | |
| 9 | FRC7334 | Shaft selector | 1 | |
| 10 | FRC7333 | Quadran | 1 | |
| 11 | FRC7335 | Spring pin | 1 | |
| 12 | FRC4435 | Roller-quadrant shaft | 1 | |
| 13 | FRC4434 | Shaft-quadrant roller | 1 | |
| 14 | CR120105L | Circlip-quadrant shaft | 1 | |
| 15 | FRC4951 | 'O'ring | 1 | |
| 16 | FRC5864 | Yoke-shaft | 1 | |
| 17 | FRC7018 | Screw | 1 | |
| 18 | FRC5859 | Seat-ball end | 1 | |
| 19 | CR120335L | Circlip | 1 | |

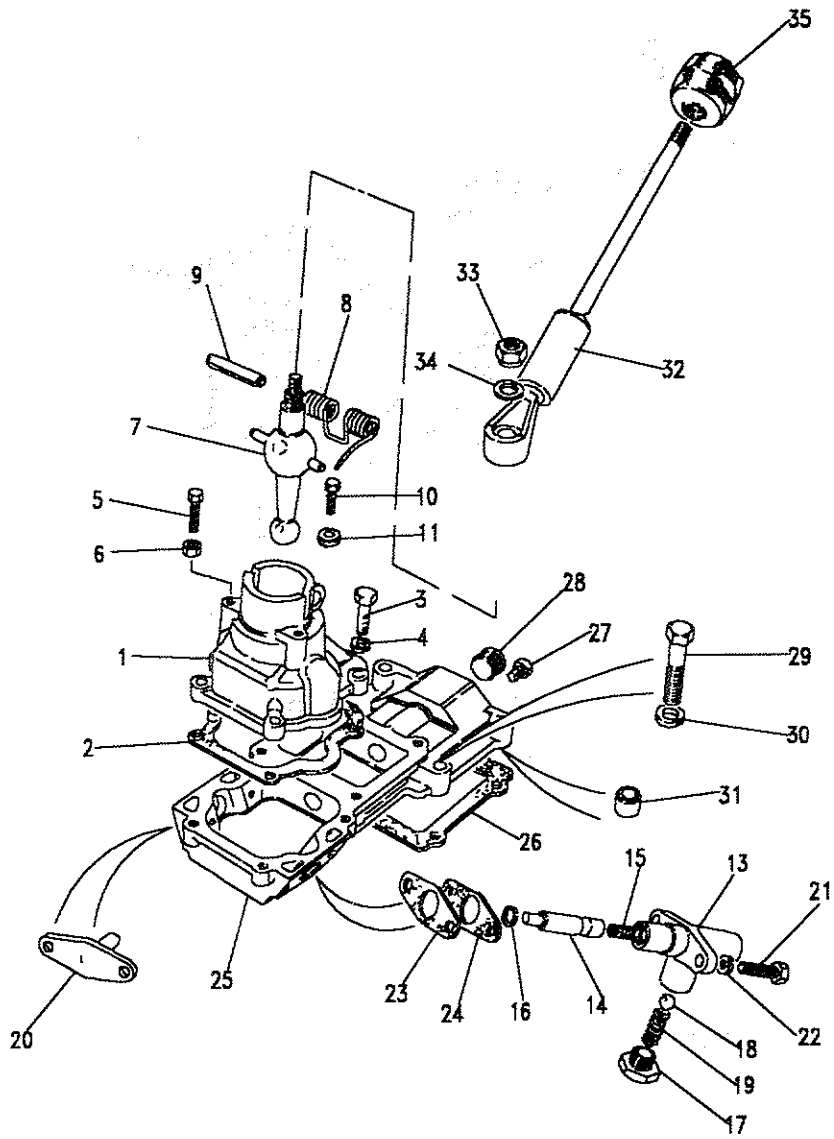



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## GEARBOX - SELECTORS AND SHAFTS - LT77/LT77S - CONTINUED

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 20 | FTC1489 | Fork-selector-3rd/4th | 1 | |
| 21 | TKC290L | Spool-interlock-1/2/3/4 | 1 | |
| | FRC8239 | Spool-interlock-retainer | 1 | |
| | FRC8170 | O ring-interlock retainer | 1 | |
| | FS106167L | Screw | 2 | |
| 22 | UKC3660L | Plate assembly | 1 | UptoAUG1987 |
| | FRC8239 | Plate assembly | 1 | ) |
| | FRC8170 | O ring | 1 | )FromAUG1987 |
| 23 | WL106001L | Washer-spring | 2 | |
| 24 | FS106167L | Screw | 2 | |
| 25 | TKC2596 | Selector fork-5th gear | 1 | |
| 26 | UKC3115 | Bracket support | 1 | |
| 27 | 532943 | Pad-selector | 2 | |
| 28 | UKC2089L | Pin-pivot 5th gear fork | 2 | |
| 29 | UKC2105L | Circlip | 2 | |
| 30 | SH108251L | Screw | 2 | |
| 31 | WL108001L | Washer-spring | 2 | Upto Suf F incl |
| | WA108051L | Washer-plain | 2 | From Suf G |
| 32 | FRC7192 | Spool-interlock-5th gear | 1 | |
| 33 | FRC4905 | Plate assembly | 1 | UptoAUG1987 |
| | FRC8240 | Plate assembly | 1 | FromAUG1987 |
| 34 | WL106001L | Washer | 2 | Upto Suf F incl |
| | WA106001L | Washer | 2 | From Suf G |
| 35 | FS106167L | Screw | 2 | Upto Suf F incl |

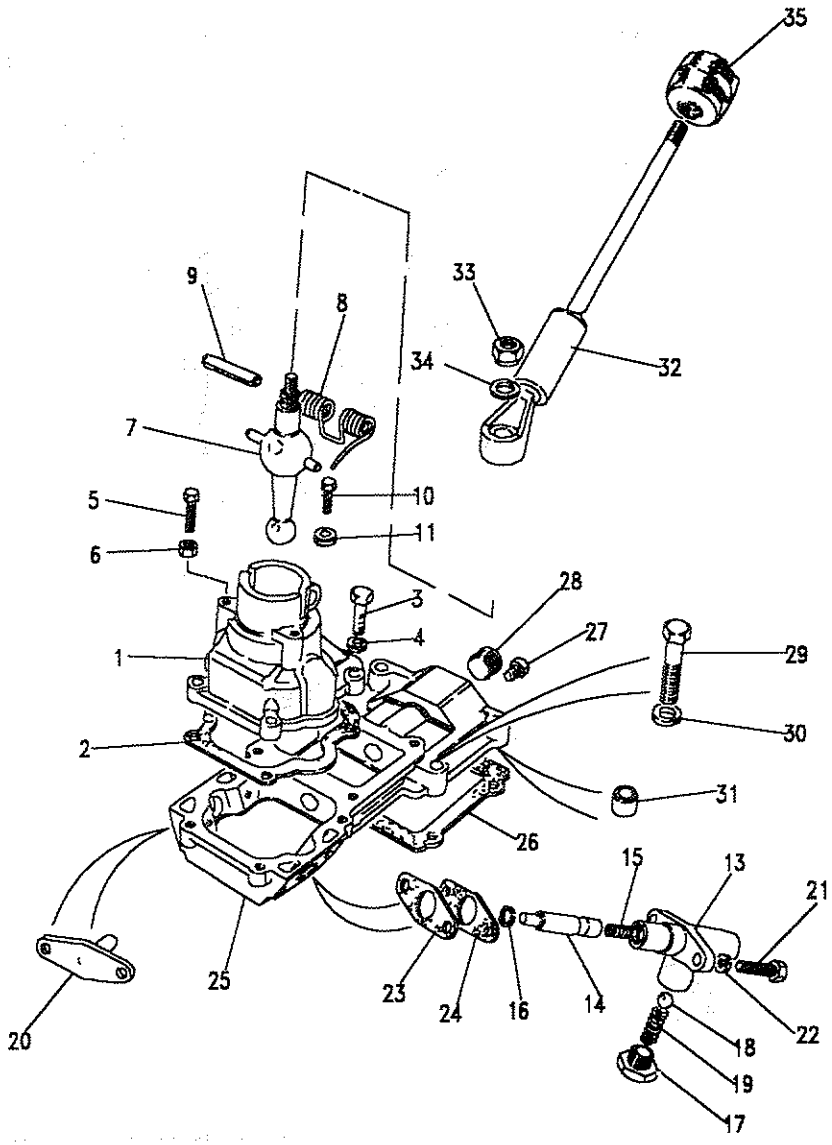
Note(1) For gearbox Serial Number 50A up to Suffix H
Note(2) For gearbox Serial Number 50A Suffix H and 56A,60A,61A
Note(3) For gearbox Serial Number 50A up to Suffix H
Note(4) For gearbox Serial Number 50A Suffix H and 56A,60A,61A




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## GEARBOX - GEAR LEVER - LT77/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7155 | Housing-gear lever | 1 | |
| 2 | FRC4490 | Washer joint-housing | 1 | |
| 3 | FS108301L | Bolt | 4 | |
| 4 | WL108001L | Washer spring | 4 | |
| 5 | FS106201L | Flange screw | 2 | |
| 6 | NH106041L | Nut | 2 | |
| 7 | FRC8724 | Gear lever lower | 1 | |
| | UKC3092 | Pin-gear lever | 2 | |
| | 22G1988L | Plunger-lower gear lever | 1 | |
| | 22G1989L | Spring-lower gear lever | 1 | |
| 8 | FRC7414 | Spring | 1 | |
| 9 | PA120801L | Spring pin | 1 | |
| 10 | FS106161L | Screw set | 1 | |
| 11 | FRC7886 | Plate clamping | 1 | |
| 12 | FRC7160 | Grommet | 1 | |
| | AFU4173 | Tie-securing grommet | 1 | |
| 13 | FRC6316 | Housing plunger unit | 1 | |
| 14 | FRC8119 | Plunger reverse baulk | 1 | |
| 15 | FRC6318 | Spring plunger return | 1 | |
| 16 | FRC5596 | Clip spring | 1 | |
| 17 | FRC8773 | Locknut | 1 | |
| | FRC8120 | Plug | 1 | |
| 18 | 571146 | Ball detent | 1 | |
| 19 | 571439 | Spring detent | 1 | |

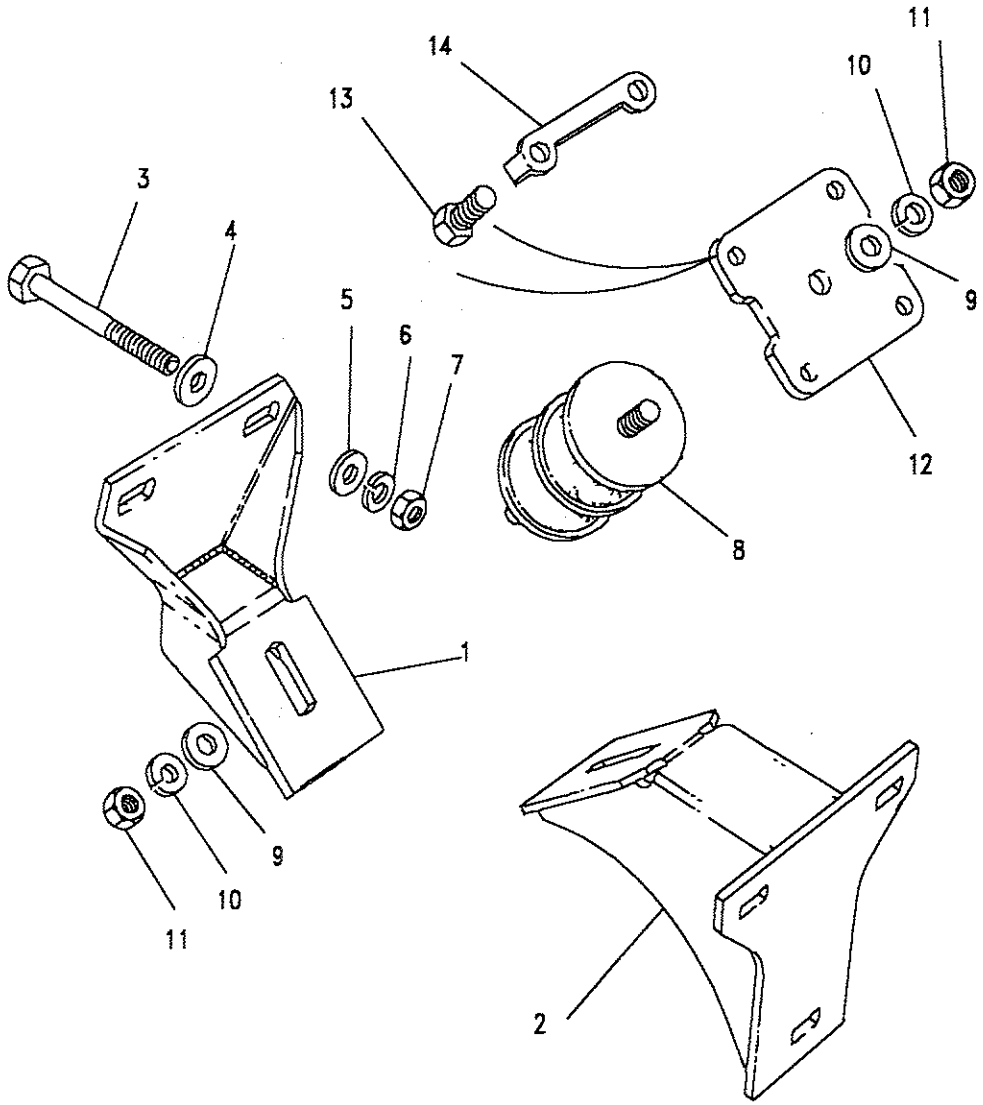



**Model** DEFENDER 90
**Page** ADCDKC1A

## GEARBOX - GEAR LEVER - LT77/LT77S - CONTINUED

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 20 | FRC7313 | Stop 5th gear assembly | 1 | Note(1) |
| 21 | SH108251L | Screw | 4 | |
| 22 | WL108001L | Washer spring | 4 | |
| 23 | FRC6317 | Spacer-plunger housing | A/R | |
| 24 | FRC7362 | Spacer-plunger housing | A/R | |
| 25 | FTC503 | Housing gear change | 1 | ) |
| | 597586 | Cup plug | 1 | )Note(1) |
| | GS110501 | Screw grub )5th speed | 1 | ) |
| | FN110041L | Nut flanged | 1 | ) |
| 26 | FRC4489 | Washer joint | 1 | |
| 27 | SH506031 | Screw-blanking | 1 | |
| 28 | 608246 | Plug-screw in type | 1 | Note(1) |
| 29 | BH108081L | Bolt-housing to extn | 4 | |
| | BH108111L | Bolt | 1 | |
| 30 | WL108001L | Washer spring | 3 | |
| 31 | FRC2626 | Spring pin | 2 | |
| 32 | FRC7860 | Gear lever RH steering | 1 | |
| | FRC7493 | Gear Lever LH steering | 1 | |
| 33 | NY110041L | Nut-gear lever assembly | 1 | |
| 34 | WA110061L | Washer | 1 | |
| 35 | FRC8722 | Knob-gear lever | 1 | |

Note(1) When ordering FTC503 you will also require GS110501 and NH110041L these will replace FRC7313 the screw in plug 608246 is Also replaced by cup plug 597586 which comes with FTC 503.



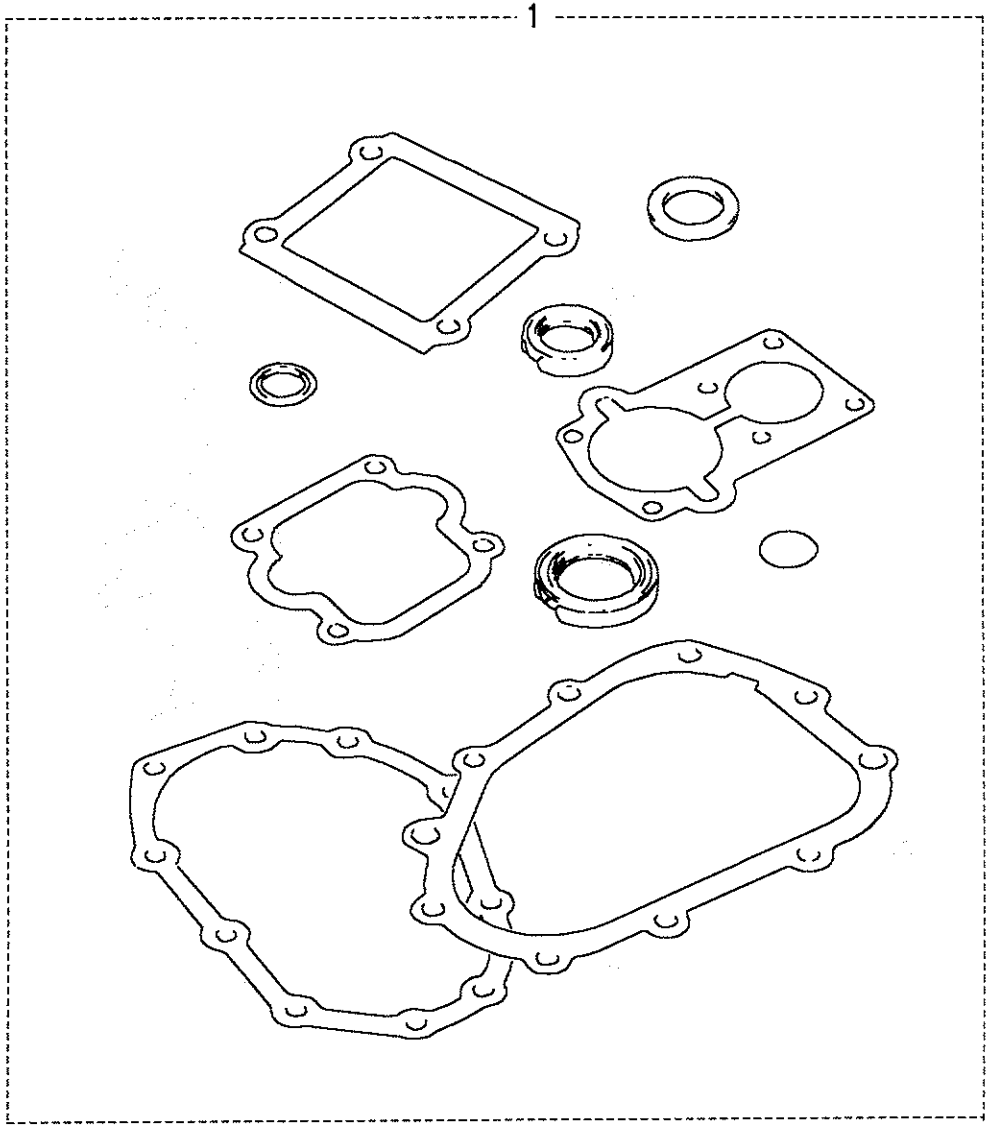

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**Page** ADCDMA1A

## GEARBOX - MOUNTINGS - LT77/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5742 | Bracket mounting-RH | 1 | |
| 2 | NRC5743 | Bracket mounting-LH | 1 | |
| 3 | BH108201L | Bolt | 6 | |
| 4 | WP185L | Washer | 6 | |
| 5 | WA108051L | Washer plain | 6 | |
| 6 | WL108001L | Washer spring | 6 | |
| 7 | NH108041L | Nut | 6 | |
| 8 | NRC9560 | Rubber mounting | 2 | |
| 9 | WA110061L | Washer plain | 4 | |
| 10 | WL110001L | Washer spring | 4 | |
| 11 | NH110041L | Nut | 4 | |
| 12 | NRC8204 | Plate mounting | 2 | |
| 13 | SH112201 | Screw | 8 | |
| 14 | NRC9561 | Washer tab | 4 | |

### Gearbox - Mountings - V8 with LT77S Gearbox

| | | | |
|---|---|---|---|
| | NTC9224 | Bracket mounting LH | 1 |
| | SH112251L | Screw | 4 |
| | WL112201L | Washer | 4 |
| | NTC1201 | Bracket mounting rear RH | 1 |
| | 90575585 | Bracket mounting rear LH | 1 |
| | NTC5900 | Mounting Circular | 2 |
| | WA110061L | Washer | 4 |
| | NY110041L | Nut | 4 |
| | NRC8204 | Plate mounting | 1 |
| | SH112251L | Screw | 4 |
| | WL112001L | Washer | 4 |




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**Page** ADCDMC1A

## GEARBOX - GASKET KIT - LT77

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6797 | Kit-gasket and seal | 1 | |
| | FTC4112 | Washer copper | 1 | |
| | TKC1229 | Gasket | 1 | |
| | TKC1235 | Gasket | 1 | |
| | FRC4810 | Washer joint | 1 | |
| | FRC2365 | Seal oil | 1 | |
| | FRC4501 | 'O'ring- | 1 | |
| | UKC1060 | Seal oil | 1 | |
| | FRC4873 | Gasket | 1 | Upto Suffix E |
| | FTC316 | Gasket | 1 | From Suffix E |
| | FRC4490 | Washer joint | 1 | |
| | FRC4489 | Washer joint | 1 | |

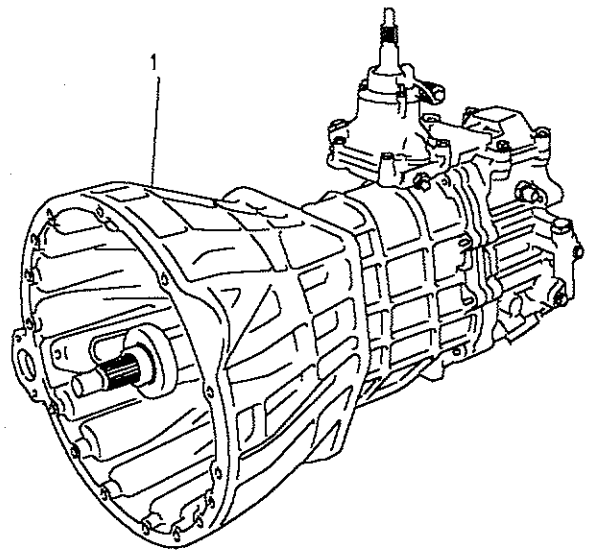
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GEARBOX


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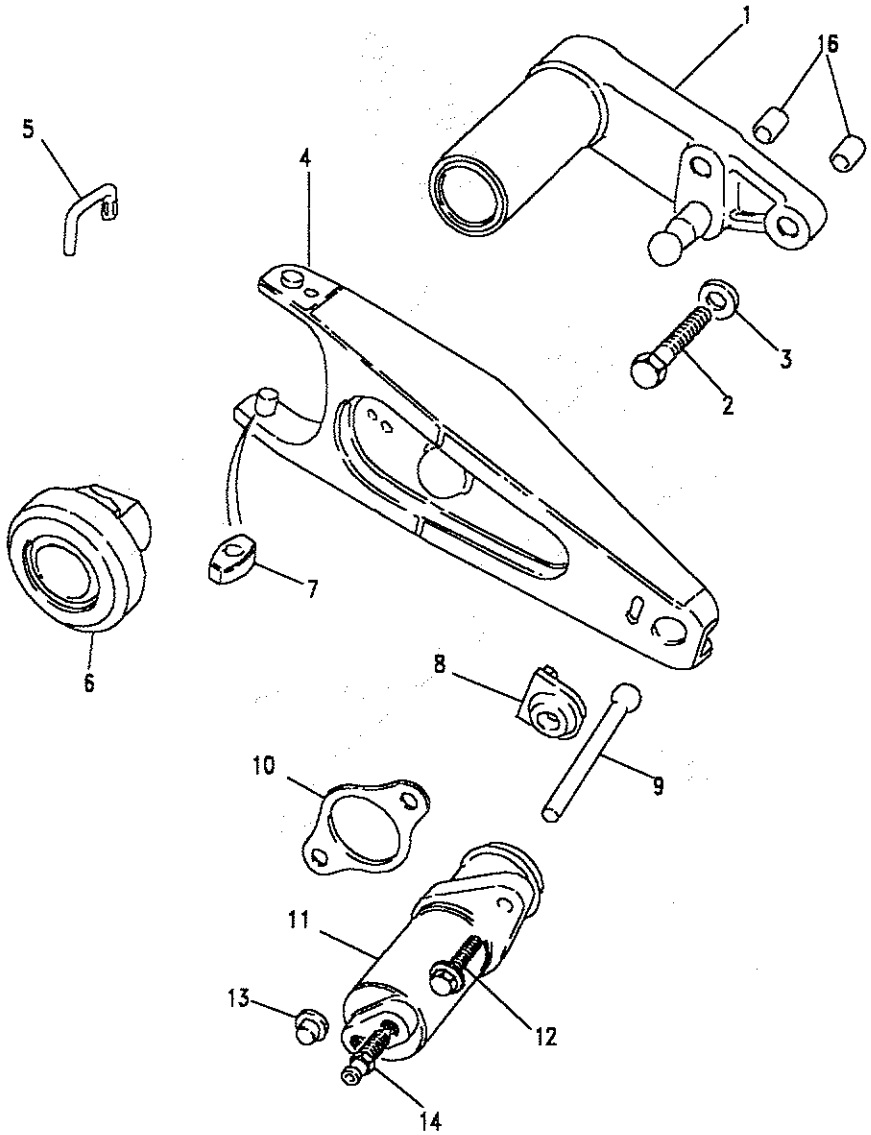



**Model** DEFENDER 90
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## GEARBOX - 5 SPEED - MANUAL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | STC1546N | Gearbox assembly TDI | 1 | Note(1) |
| | STC1547N | Gearbox assembly V8 | 1 | Note(2) |
| | STC1548N | Gearbox assy V8 cooled | 1 | Note(3) |
| | STC1549N | Gearbox assy 4 cyl pet | 1 | Note(4) |

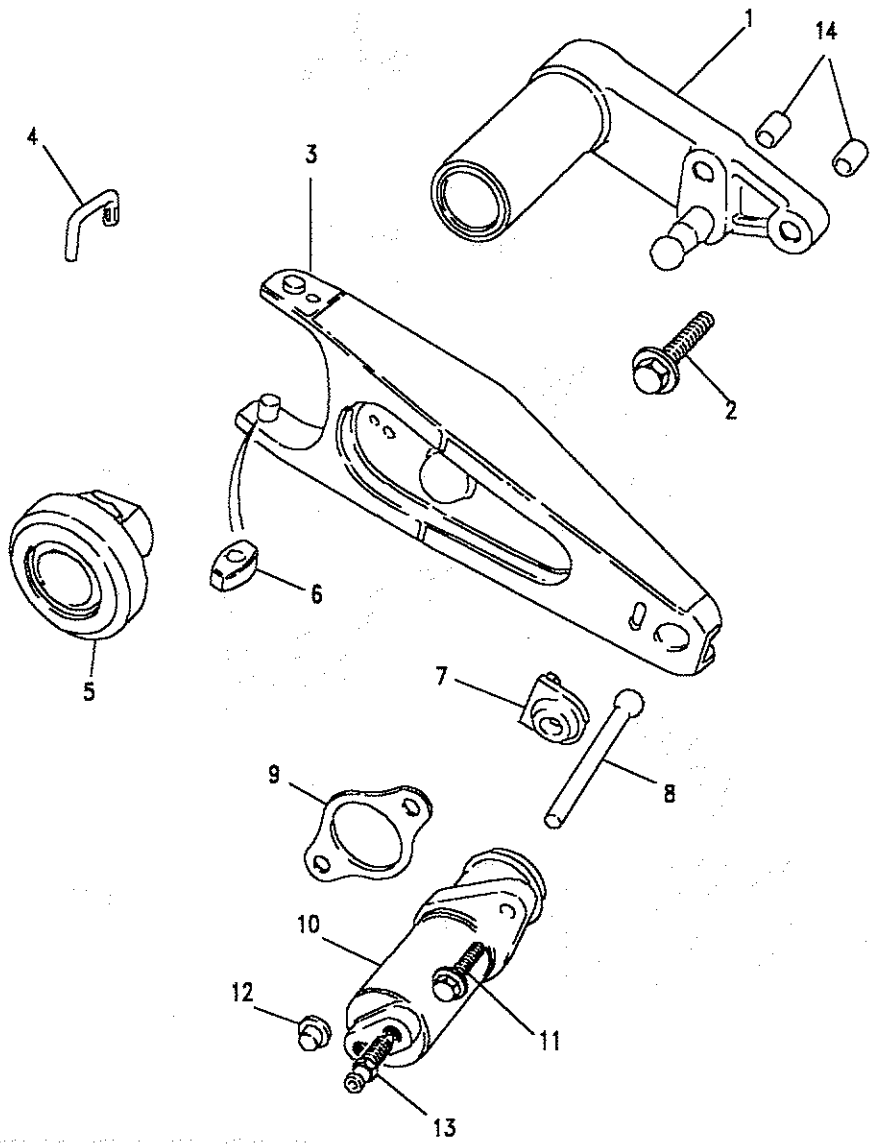
Note(1) Prefix 56A, suffix J
Note(2) Prefix 60A, suffix J
Note(3) Prefix 61A, suffix J
Note(4) Prefix 50A, suffix J




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**Page** ADCFCA1A

## GEARBOX - CLUTCH RELEASE MECHANISM - 4CYL PETROL

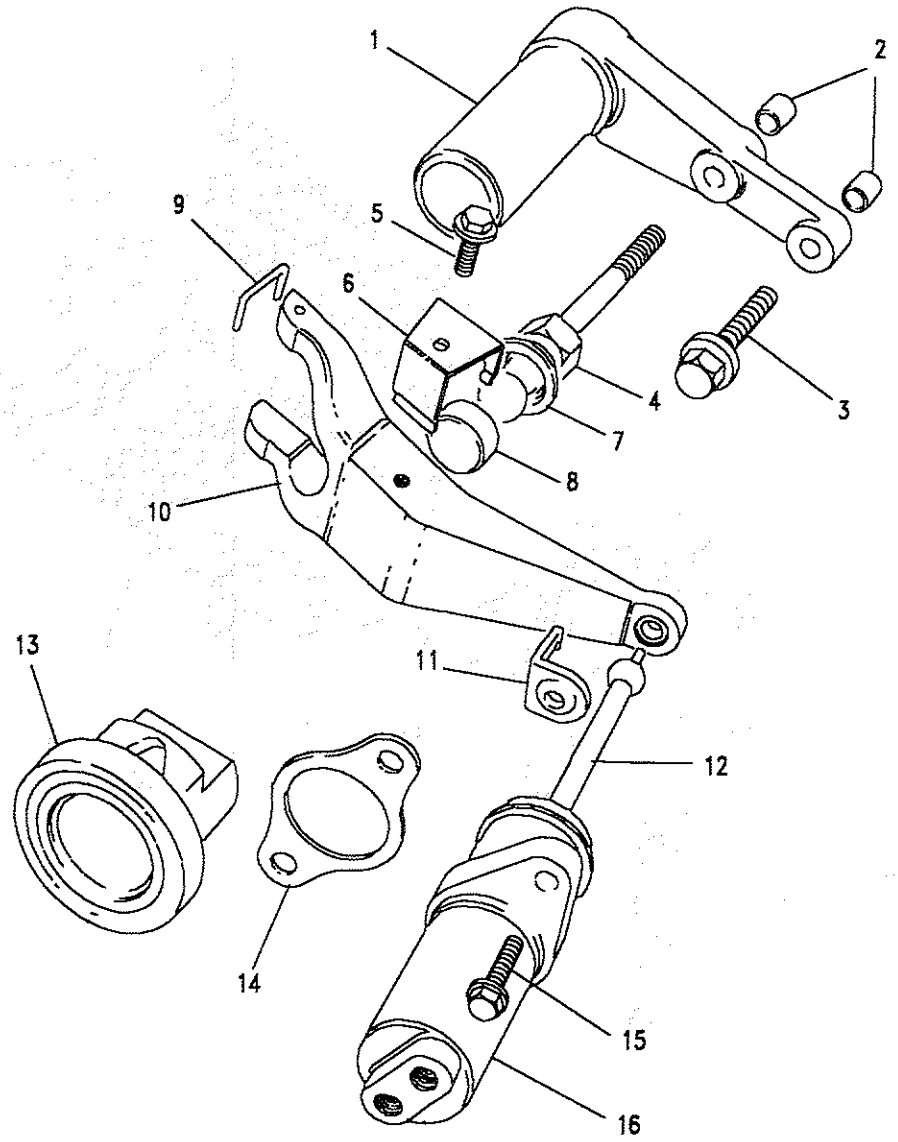
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC4177 | Bearing clutch | 1 | |
| 2 | FTC4173 | Lever clutch release | 1 | |
| 3 | FRC5255 | Slipper pad clutch | 2 | |
| 4 | FTC4174 | Pivot plate | 1 | |
| 5 | FB108061 | Flange bolt | 2 | |
| 6 | FRC3416 | Staple | 1 | |
| 7 | FRC8531 | Slave cylinder clutch | 1 | |
| 8 | FS108251L | Flange screw M8 x 25 | 2 | |
| 9 | FTC4229 | Push rod clutch | 1 | |
| 10 | FRC3327 | Clip | 1 | |
| 11 | NRC7441 | Bracket jump hose | 1 | |




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**Page** ADCFCA2A

## GEARBOX - CLUTCH RELEASE MECHANISM - TDI

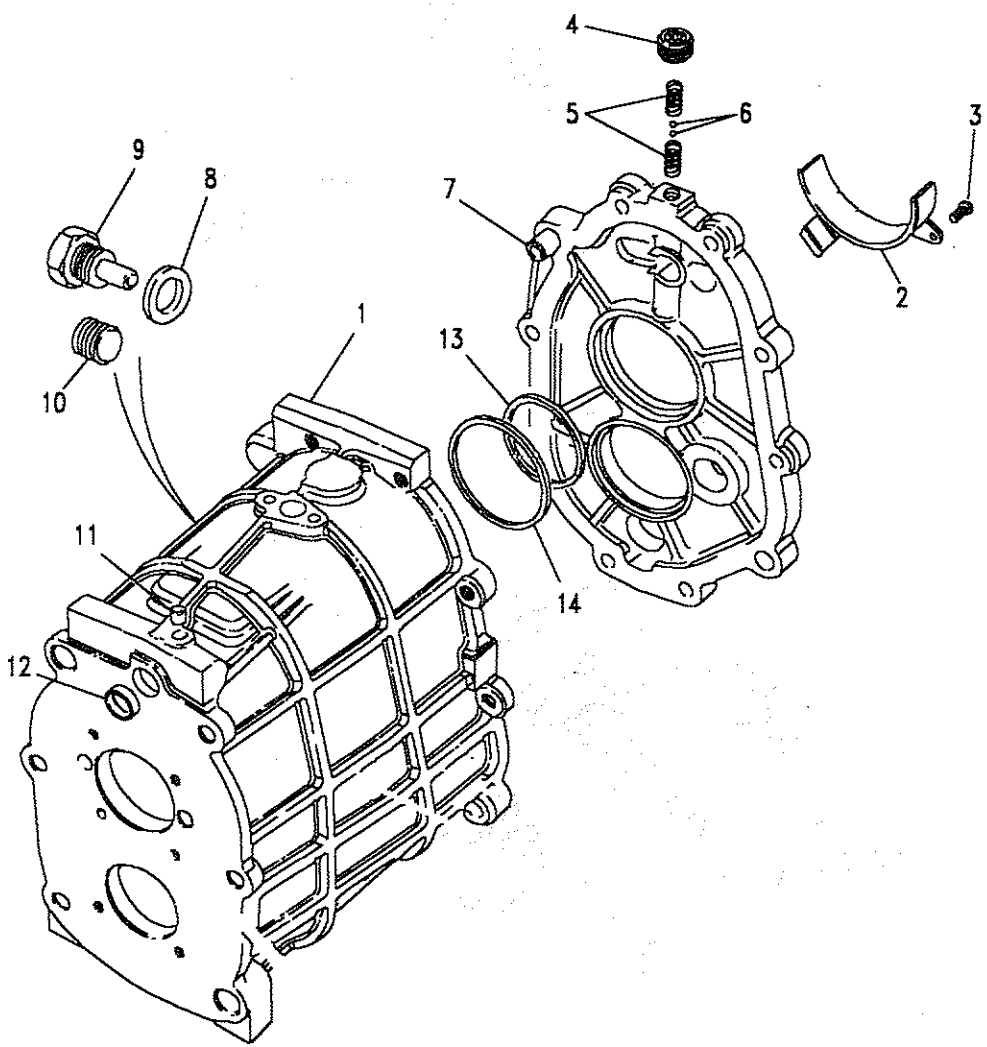
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC1271 | Guide release bearing | 1 | |
| 2 | FB108101 | Flange bolt | 2 | |
| 3 | FTC2957 | Lever clutch release | 1 | |
| 4 | FRC3416 | Staple | 1 | |
| 5 | FRC9568 | Bearing clutch | 1 | |
| 6 | FRC5255 | Slipper pad clutch | 2 | |
| 7 | FRC3327 | Clip | 1 | |
| 8 | FTC3912 | Push rod clutch | 1 | |
| 9 | FRC2402 | Backing plate | 1 | |
| 10 | FTC3911 | Slave cylinder clutch | 1 | |
| 11 | FB108161L | Flange bolt | 2 | |
| 12 | 594091 | Dust cap | 1 | |
| 13 | 606733 | Bleed screw | 1 | |
| 14 | FRC2481 | Dowel guide | 2 | |




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## GEARBOX - CLUTCH RELEASE MECHANISM - V8

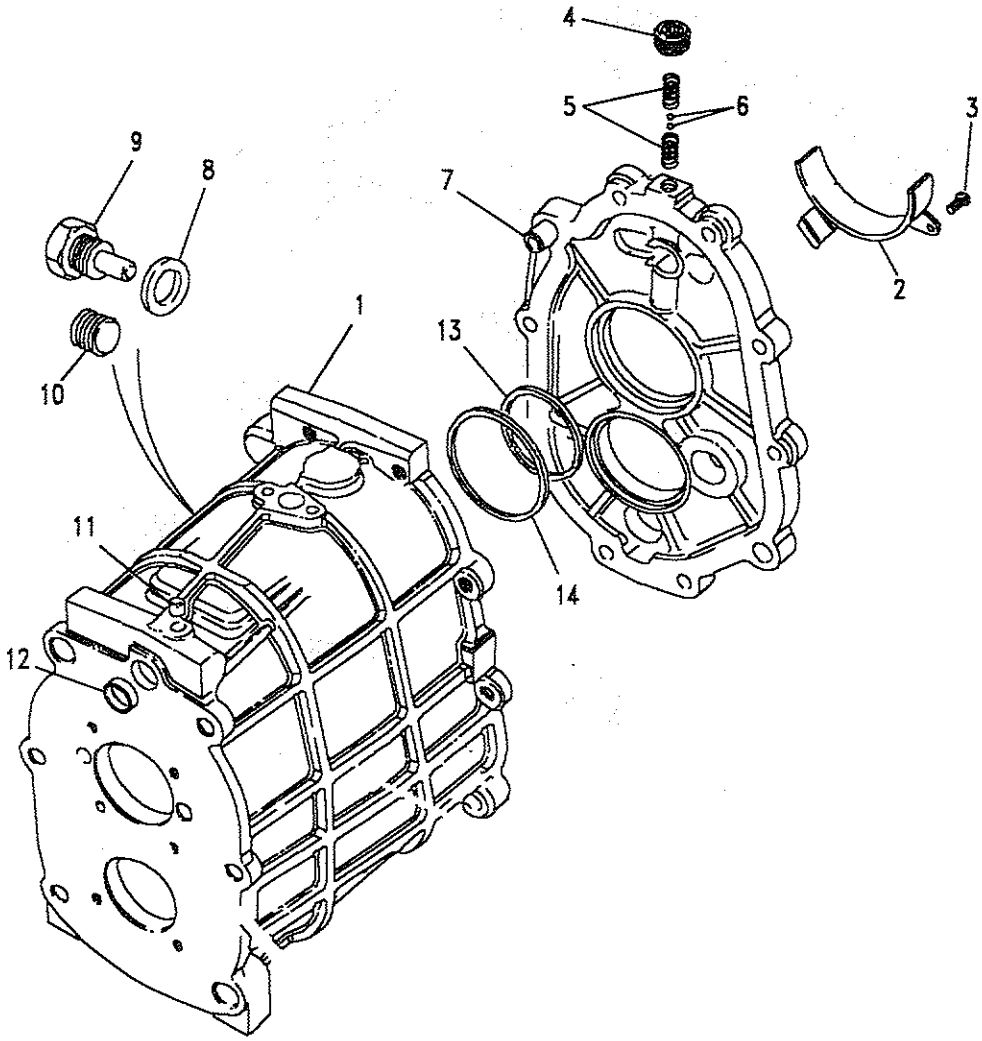
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC4803 | Guide release bearing | 1 | |
| 2 | FRC2481 | Dowel guide | 2 | |
| 3 | FB108101 | Flange bolt | 1 | |
| 4 | FRC2528 | Pivot clutch release | 1 | |
| 5 | FS106101L | Flange screw | 1 | |
| 6 | 571163 | Clip | 1 | |
| 7 | FRC2975 | Cap clutch release lever | 1 | |
| 8 | 571161 | Insert | 1 | |
| 9 | 576203 | Staple | 1 | |
| 10 | 576137 | Lever clutch release | 1 | |
| 11 | 576723 | Clip | 1 | |
| 12 | 571160 | Push rod clutch | 1 | |
| 13 | FRC9568 | Bearing clutch | 1 | |
| 14 | FRC2402 | Backing plate | 1 | |
| 15 | FS108251L | Flange screw M8 x 25 | 2 | |
| 16 | UKC8677L | Slave cylinder clutch | 1 | |
| | BHM7063L | Repair kit slave cylinder | 1 | |




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## GEARBOX - GEARCASE - MANUAL R380

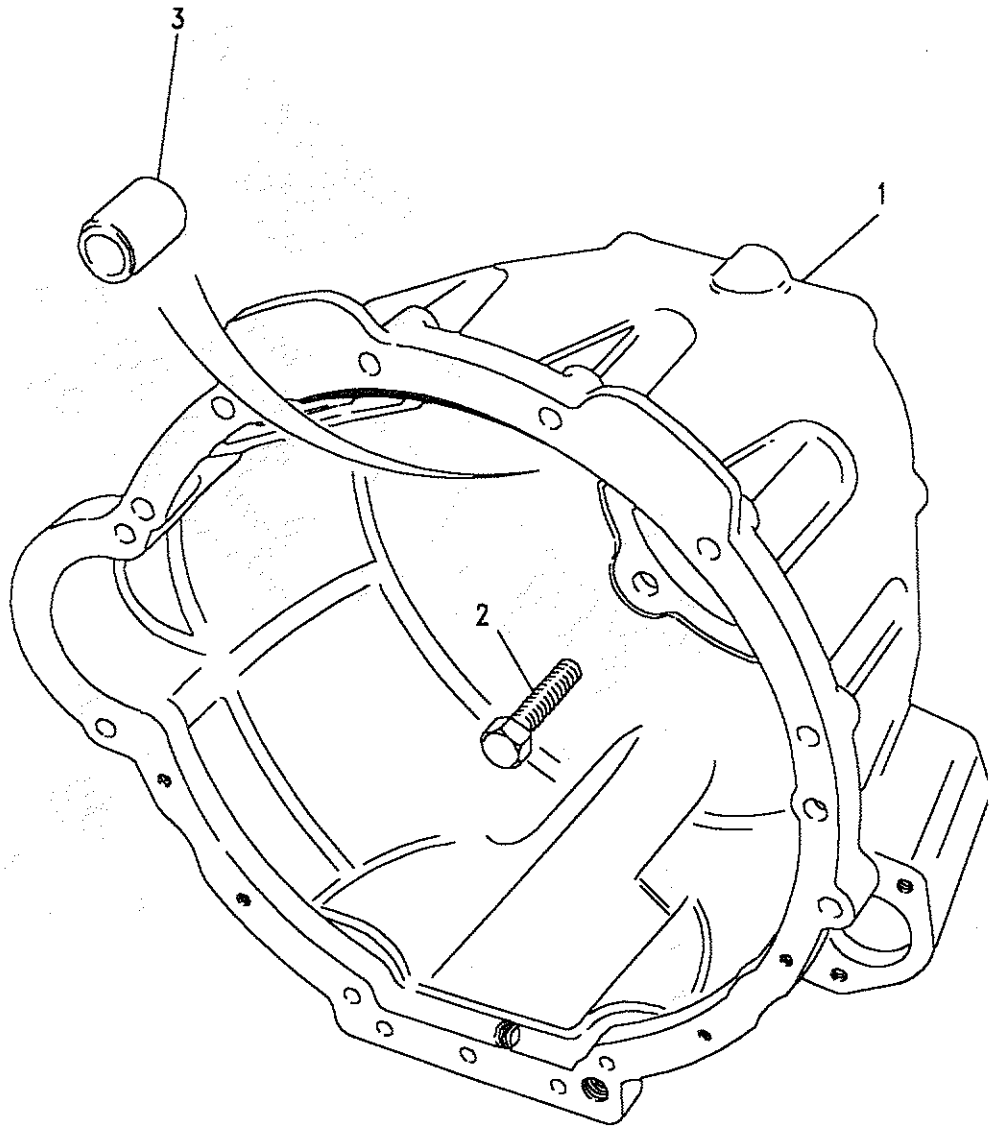
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC3848 | Gearcase | 1 | |
| 2 | FTC4131 | Baffle plate | 1 | |
| 3 | FS106161ML | Screw flanged | 2 | |
| 4 | FTC4108 | Plug screw | 1 | |
| 5 | FTC3382 | Spring detent | 2 | |
| 6 | BLS112L | Spring detent | 2 | |
| 7 | UKC170L | Dowel | 2 | |
| 8 | FRC6145 | Plug magnetic | 1 | |
| 9 | FTC4112 | Washer copper | 1 | |
| 10 | FTC4056 | Plug drain | 1 | |
| 11 | FRC9803 | Core plug | 1 | |
| 12 | UKC30L | Core plug | 1 | |
| | **Selective Spacer - Mainshaft in Centre Plate** | | | |
| 13 | FTC3739 | 1.740/1.715 | A/R | |
| | FTC3741 | 1.790/1.765 | A/R | |
| | FTC3743 | 1.840/1.815 | A/R | |
| | FTC3745 | 1.890/1.865 | A/R | |
| | FTC3747 | 1.940/1.915 | A/R | |
| | FTC3749 | 1.990/1.965 | A/R | |
| | FTC3751 | 2.040/2.015 | A/R | |
| | FTC3753 | 2.090/2.065 | A/R | |
| | FTC3755 | 2.140/2.115 | A/R | |
| | FTC3757 | 2.190/2.165 | A/R | |
| | FTC3759 | 2.240/2.215 | A/R | |
| | FTC3761 | 2.290/2.265 | A/R | |




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**Page** ADCFEA1A

## GEARBOX - GEARCASE - MANUAL R380

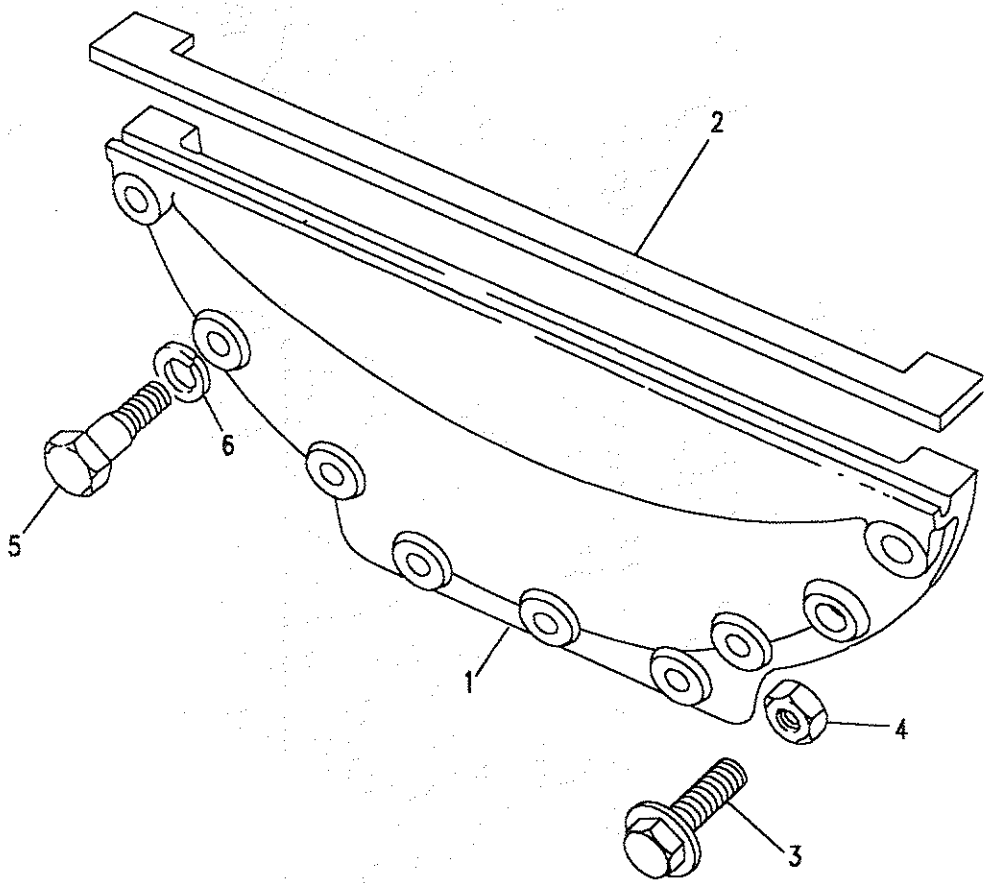
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | FTC3763 | 2.340/2.315 | A/R | |
| | FTC3765 | 2.390/2.365 | A/R | |
| | FTC3767 | 2.440/2.415 | A/R | |
| | FTC3769 | 2.490/2.465 | A/R | |
| | FTC3771 | 2.540/2.515 | A/R | |
| | FTC3773 | 2.590/2.565 | A/R | |
| | FTC3775 | 2.640/2.615 | A/R | |
| | FTC3777 | 2.690/2.665 | A/R | |
| | FTC3779 | 2.740/2.715 | A/R | |
| | FTC3781 | 2.790/2.765 | A/R | |
| | FTC3783 | 2.840/2.815 | A/R | |
| | FTC3785 | 2.890/2.865 | A/R | |
| | FTC3787 | 2.940/2.915 | A/R | |
| **Selective Spacer - Layshaft in Centre Plate** | | | | |
| 14 | FTC4296 | 1.477/1.452 | A/R | |
| | FTC4298 | 1.527/1.502 | A/R | |
| | FTC4300 | 1.577/1.552 | A/R | |
| | FTC4302 | 1.627/1.602 | A/R | |
| | FTC4304 | 1.677/1.652 | A/R | |
| | FTC4306 | 1.727/1.702 | A/R | |
| | FTC4308 | 1.777/1.752 | A/R | |
| | FTC4310 | 1.827/1.802 | A/R | |
| | FTC4312 | 1.877/1.852 | A/R | |
| | FTC4314 | 1.927/1.902 | A/R | |
| | FTC4316 | 1.977/1.952 | A/R | |
| | FTC4318 | 2.027/2.002 | A/R | |
| | FTC4320 | 2.077/2.052 | A/R | |
| | FTC4322 | 2.127/2.102 | A/R | |
| | FTC4324 | 2.177/2.152 | A/R | |
| | FTC4326 | 2.227/2.202 | A/R | |




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## GEARBOX - BELL HOUSING - MANUAL R380

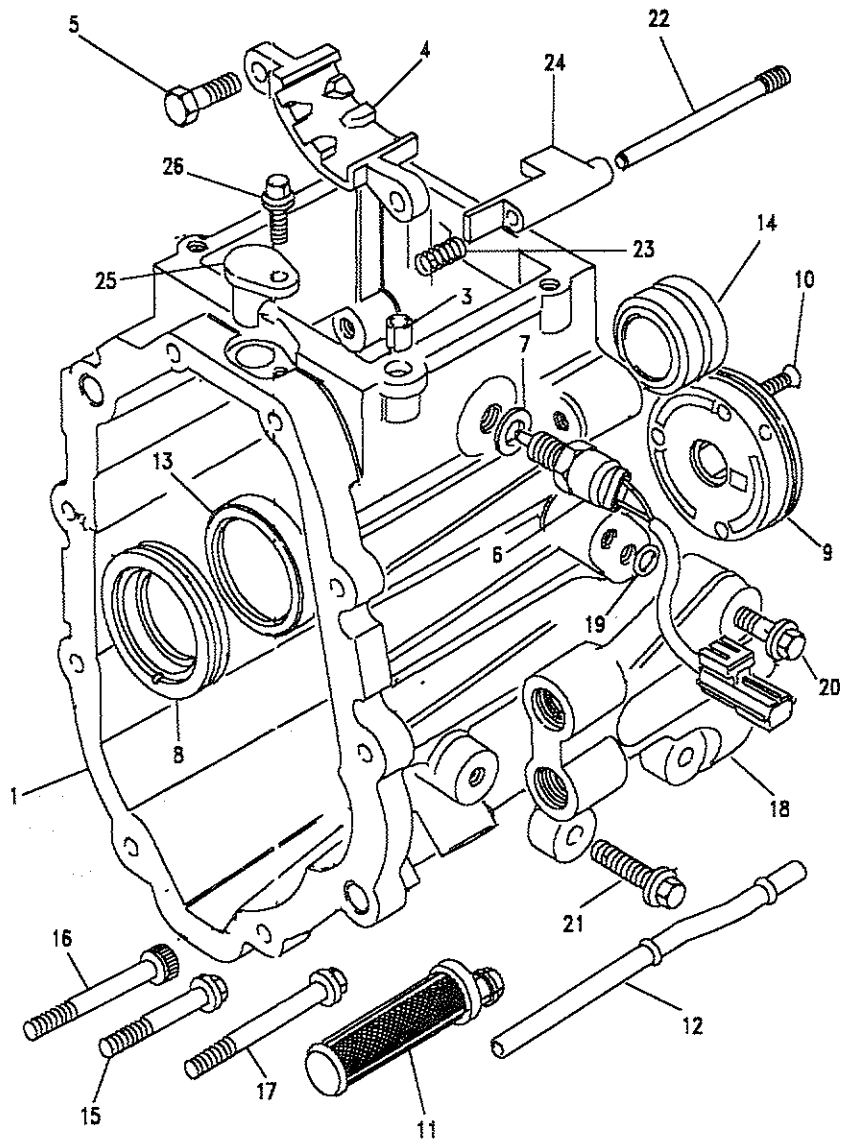
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC3921 | Bell housing | 1 | TDI |
| | FTC3922 | Bell housing | 1 | V8 |
| | FTC4018 | Bell housing | 1 | 4Cyl petrol |
| | FRC6110 | Plug | 1 | |
| 2 | FS112401 | Screw | 6 | |
| 3 | UKC25L | Dowel | 2 | |
| **Fixings - Gearbox to Engine - TDI** | | | | |
| | BH110221L | Bolt | 4 | |
| | FN110041 | Nut flanged | 9 | |
| | SH108141L | Screw | 1 | |
| | WA110061 | Washer plain | 4 | |
| | 571134 | Dowel | 2 | |
| | 622324 | Clip breather | 1 | |
| **Fixings - Gearbox to Engine - V8** | | | | |
| | BH506161L | Bolt | 8 | |
| | PRC2978 | Bracket mounting | 1 | |
| | 586440 | Clip cable | 1 | |
| | NH105041L | Nut | 1 | |
| | SH105161L | Screw | 1 | |
| | WA105001L | Washer plain | 2 | |
| | WL105001L | Washer spring | 1 | |
| **Fixings - Gearbox to Engine - 4 Cylinder Petrol** | | | | |
| | FN110041 | Nut flanged | 11 | |




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**Page** ADCFEA3A

**GEARBOX - GEARCASE - MANUAL V8 R380**

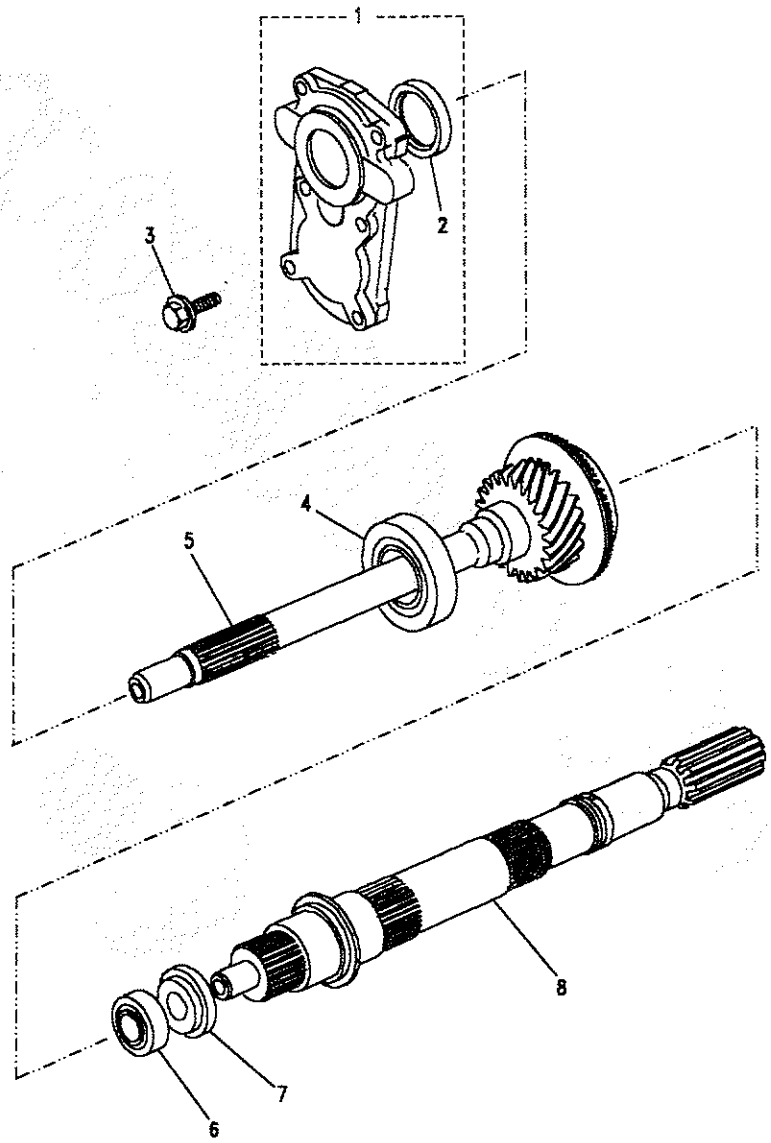
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC2859 | Cover bottom | 1 | |
| 2 | 594087 | Seal bottom cover | 1 | |
| 3 | FS106255 | Screw flanged | 2 | |
| | SH106351L | Screw flanged | 5 | |
| 4 | FN106041 | Nut flanged | 5 | |
| 5 | 594134 | Bolt | 2 | |
| 6 | WL108001L | Washer spring | 2 | |




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**Page** ADCFGA1A

## GEARBOX - EXTENSION CASE - MANUAL R380

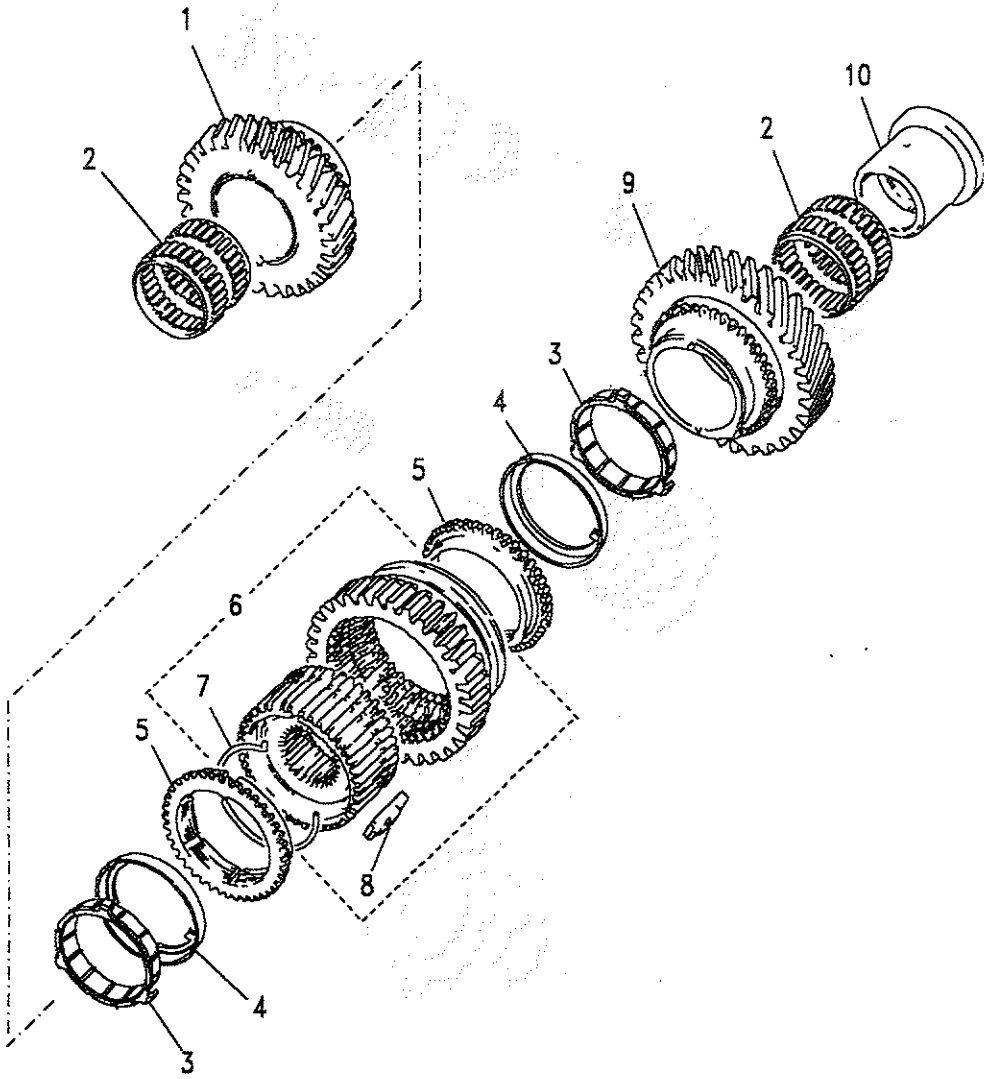
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC4241 | Extension case assembly | 1 | |
| 2 | LYQ100050 | Plug blanking | 1 | |
| 3 | FRC2626 | Spring pin | 2 | |
| 4 | FTC2392 | Gateplate gear selector | 1 | |
| 5 | FS108251L | Screw flanged M8 x 25 | 2 | |
| 6 | CDU51 | Switch reverse light | 1 | |
| 7 | 232042 | Washer joint | 1 | |
| | AMR3859 | Cable rev light switch | 1 | |
| 8 | FTC3701 | Ring oil feed | 1 | |
| 9 | FTC4206 | Pump oil | 1 | |
| 10 | FTC4449 | Screw | 3 | |
| 11 | FRC7855 | Oil filter | 1 | |
| 12 | FTC3387 | Pipe oil inlet | 1 | |
| 13 | FTC2383 | Oil seal gearbox | 1 | |
| 14 | FTC4021 | Collar oil seal | 1 | |
| 15 | FB108111 | Flange bolt | 6 | |
| 16 | FB108171 | Flange bolt | 2 | |
| 17 | SS108701S | Screw | 2 | |
| 18 | FTC4053 | Oil block extn case | 1 | TDI & 4Cyl P |
| | FTC2104 | Oil block extn case | 1 | V8 Basic |
| | FTC2687 | Oil block extn case | 1 | V8 Cooled |
| 19 | FTC1441 | O ring | 2 | |
| 20 | FB108081 | Flange bolt | 2 | |
| 21 | FS108301L | Bolt | 2 | |
| 22 | FTC3711 | Shaft inhibition | 1 | |
| 23 | FTC4483 | Spring torsion | 1 | |
| 24 | FTC3713 | Cam inhibition | 1 | |
| 25 | FTC3587 | Interlock | 1 | |
| 26 | FS106161M | Screw | 1 | |
| 27 | PRC8873 | Transmitter temperature | 1 | V8 Basic |
| 28 | 232042 | Joint washer | 1 | V8 Basic |
| 29 | FRC9428 | Breather assembly | 1 | 4cyl Petrol |
| | FRC9430 | Breather assembly | 1 | V8 & TDI |




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**Page** ADCFIA1A

## GEARBOX - MAINSHAFT - MANUAL R380

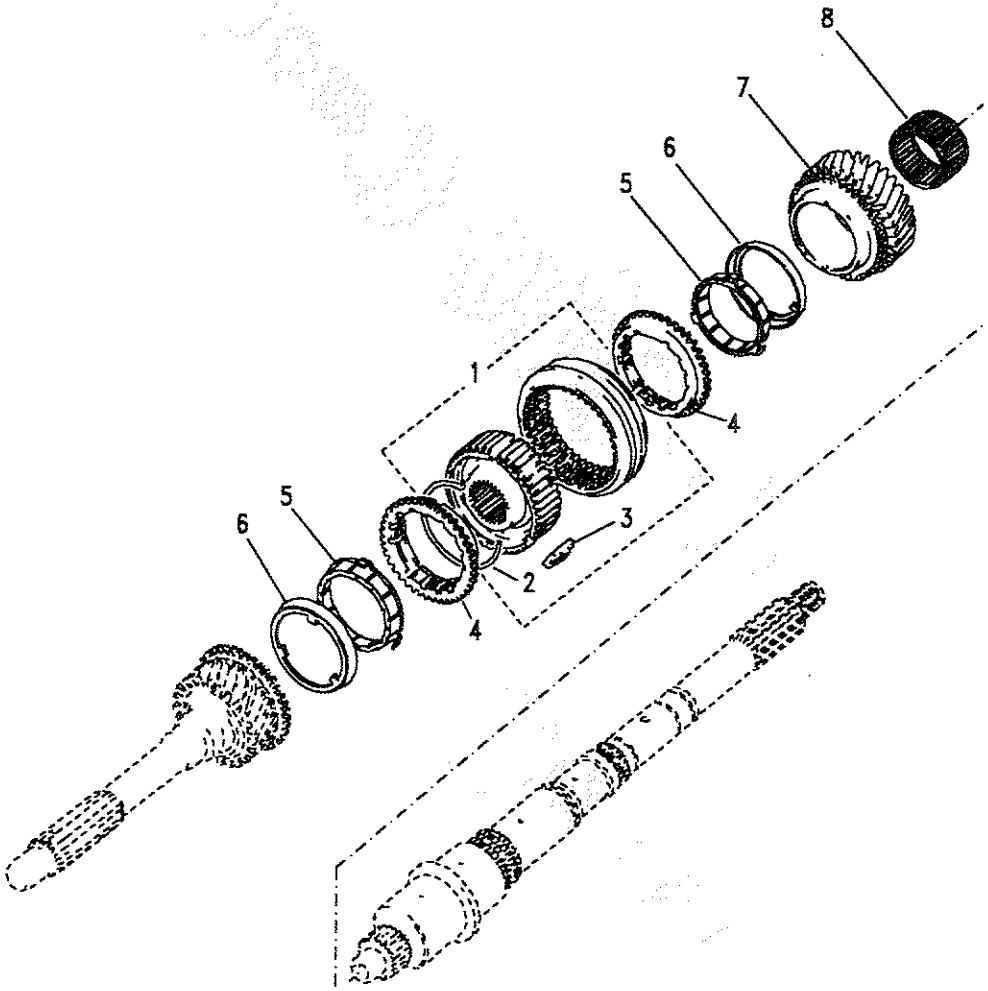
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC4238 | Cover assembly front | 1 | 4 Cyl Petrol |
| | FTC3696 | Cover assembly front | 1 | TDI & V8 |
| 2 | UKC1060L | Oil Seal | 1 | |
| 3 | FS108251M | Screw | 6 | |
| 4 | STC1628 | Bearing | 1 | |
| 5 | FTC3366 | Shaft pinion P4 | 1 | |
| | FTC3927 | Shaft pinion TDI | 1 | |
| | FTC3928 | Shaft pinion V8 | 1 | |
| 6 | UKC8L | Bearing | 1 | |
| 7 | FTC2737 | Spacer | 1 | |
| 8 | FTC3703 | Mainshaft | 1 | |




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**Page** ADCFIC1A

## GEARBOX - MAINSHAFT GEARS - MANUAL R380

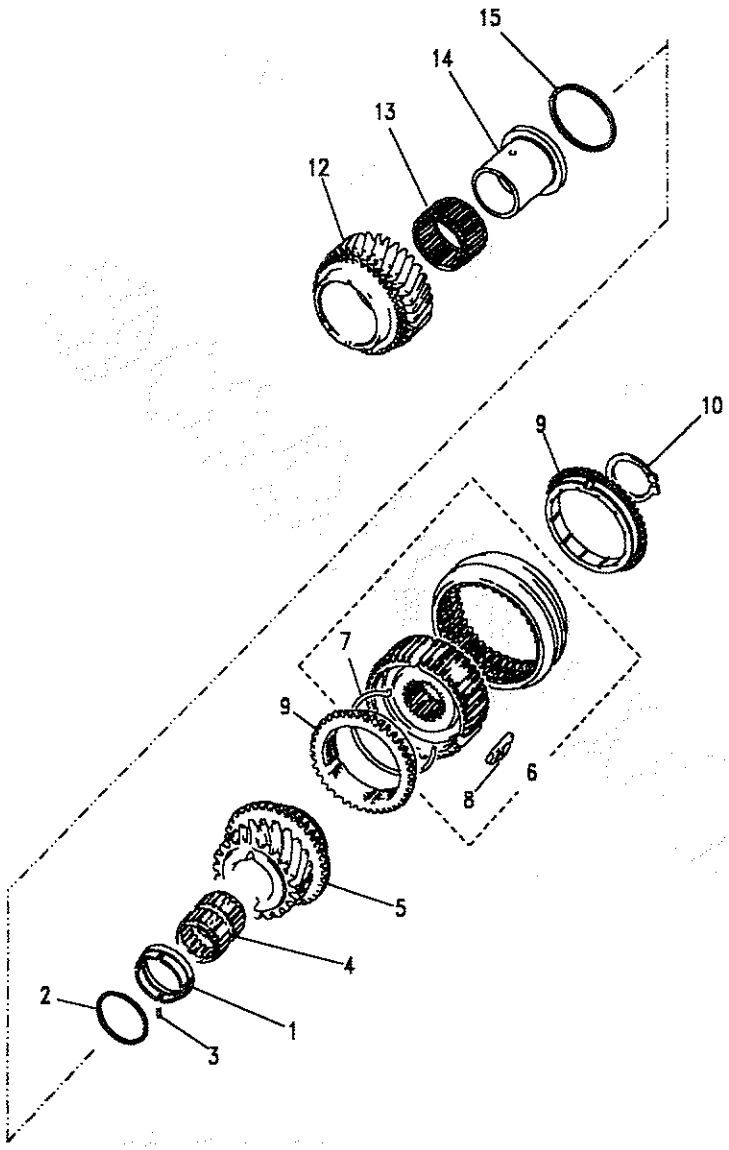
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **1st and 2nd gears** | | | | |
| 1 | FTC2714 | Gear 2nd speed | 1 | |
| 2 | FTC1311 | Bearing | 2 | |
| 3 | FTC2397 | Ring synchro inner | 2 | |
| 4 | FTC2396 | Ring synchro middle | 2 | |
| 5 | FTC3584 | Ring baulk gearbox | 2 | |
| 6 | FTC2733 | Synchro assembly | 1 | |
| 7 | FTC4172 | Spring synchro | 2 | |
| 8 | FTC4171 | Plate shifting synchro | 3 | |
| 9 | FTC2948 | Gear 1st speed | 1 | TDI & V8 |
| | FTC2716 | Gear 1st speed | 1 | 4 Cyl Petrol |
| 10 | FTC2005 | Bush | 1 | |




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## GEARBOX - MAINSHAFT GEARS - MANUAL R380

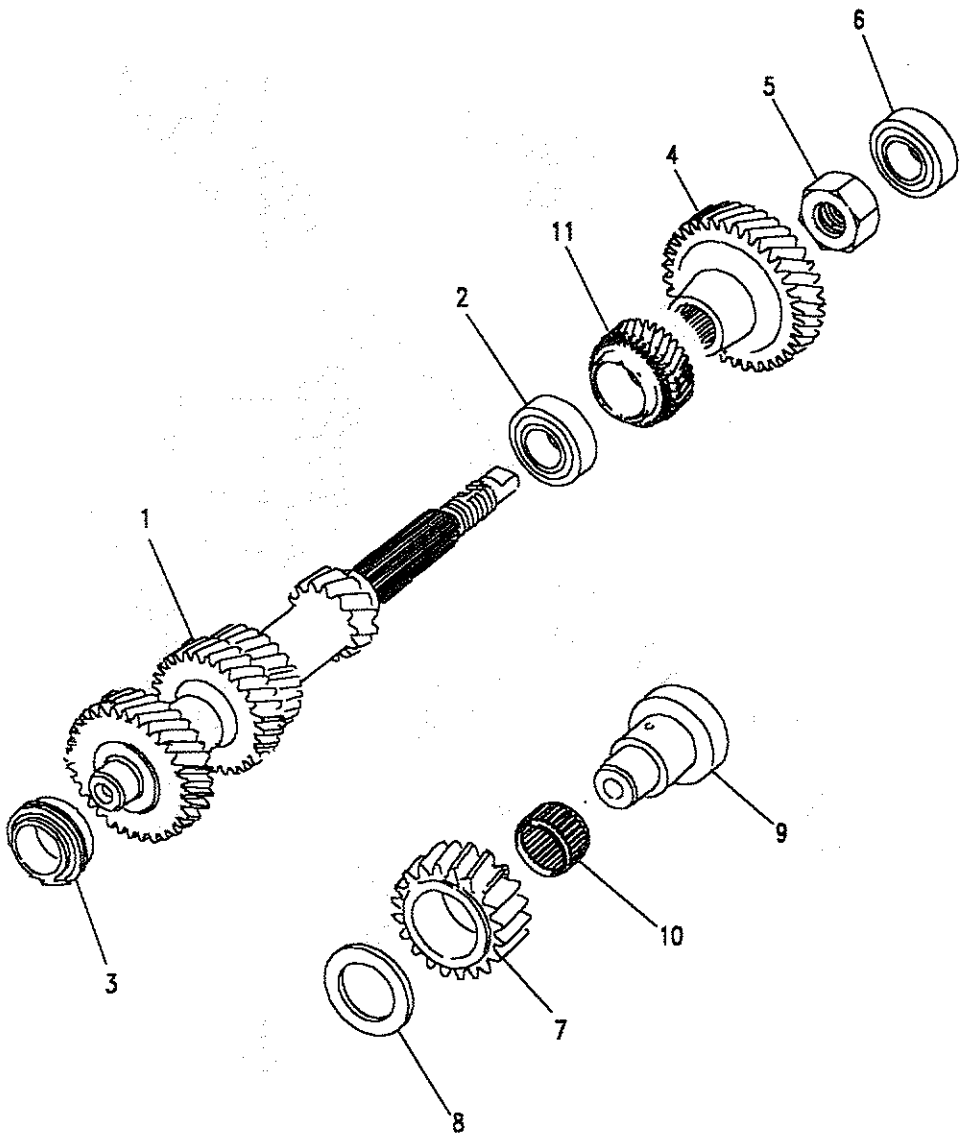
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **3rd and 4th gears** | | | | |
| 1 | FTC2887 | Synchro assembly | 1 | |
| 2 | FTC4172 | Spring synchro | 2 | |
| 3 | FTC4171 | Plate shifting synchro | 3 | |
| 4 | FTC3584 | Ring baulk gearbox | 2 | |
| 5 | FTC2396 | Ring synchro middle | 2 | |
| 6 | FTC2397 | Ring synchro inner | 2 | |
| 7 | FTC2712 | Gear 3rd speed | 1 | |
| 8 | FTC1311 | Bearing | 1 | |




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**Page** ADCFIC3A

## GEARBOX - MAINSHAFT GEARS - MANUAL R380

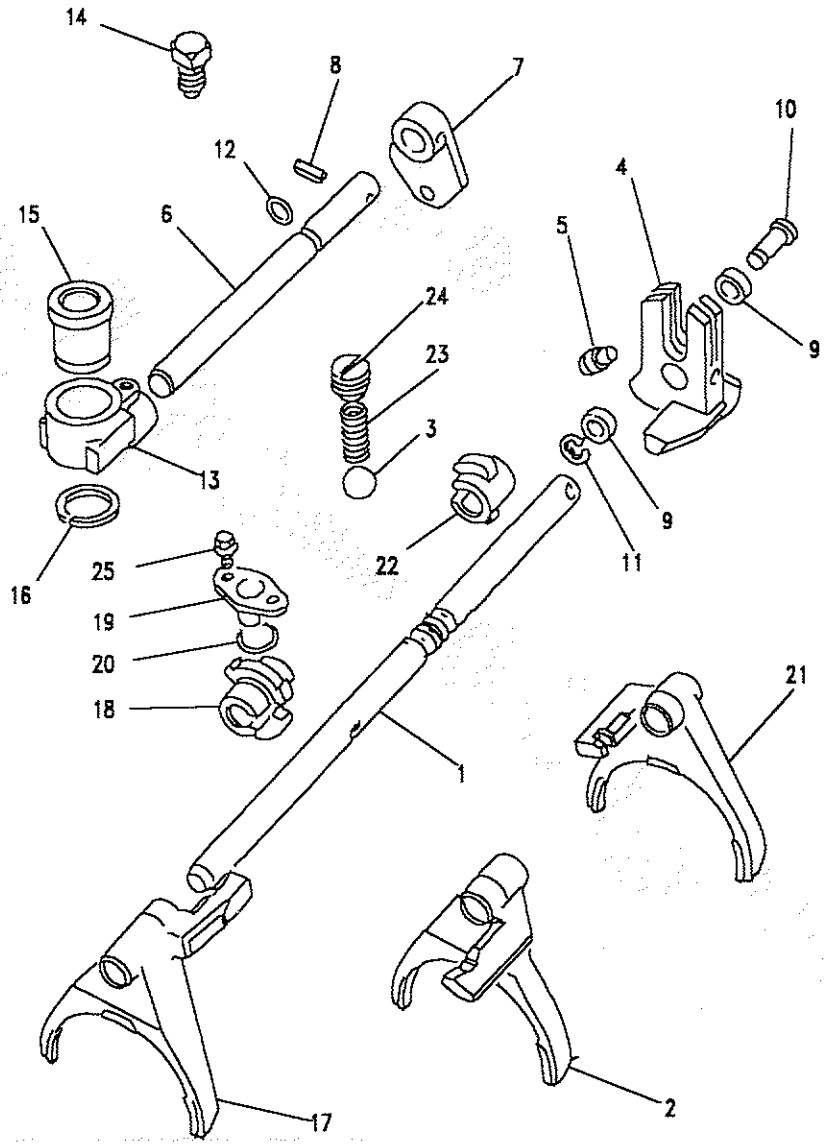
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **5th gear** | | | | |
| 1 | FTC3699 | Washer thrust | 1 | |
| 2 | FTC3700 | Ring retaining | 1 | |
| 3 | PA108101L | Spring pin | 1 | |
| 4 | FRC5280 | Bearing needle | 1 | |
| 5 | FTC2946 | Gear 5th speed | 1 | |
| 6 | FTC2727 | Synchro assembly | 1 | |
| 7 | FTC4245 | Spring synchro | 2 | |
| 8 | FTC4171 | Plate shifting | 3 | |
| 9 | FTC2731 | Ring baulk | 2 | |
| 10 | FTC3697 | Circlip | 1 | |
| 11 | FTC3371 | Bearing | 1 | |
| **Reverse gear** | | | | |
| 12 | FTC4242 | Gear reverse | 1 | |
| 13 | FTC1311 | Bearing | 1 | |
| 14 | FTC2005 | Bush | 1 | |
| **Selective spacer - Reverse bush** | | | | |
| 15 | FTC3951 | 2.475/2.450 | A/R | |
| | FTC3953 | 2.425/2.400 | A/R | |
| | FTC3955 | 2.375/2.350 | A/R | |
| | FTC3957 | 2.325/2.300 | A/R | |
| | FTC3959 | 2.275/2.250 | A/R | |
| | FTC3961 | 2.225/2.200 | A/R | |
| | FTC3963 | 2.175/2.150 | A/R | |
| | FTC3965 | 2.125/2.100 | A/R | |
| | FTC3967 | 2.075/2.050 | A/R | |
| | FTC3969 | 2.025/2.000 | A/R | |




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## GEARBOX - LAYSHAFT - MANUAL R380

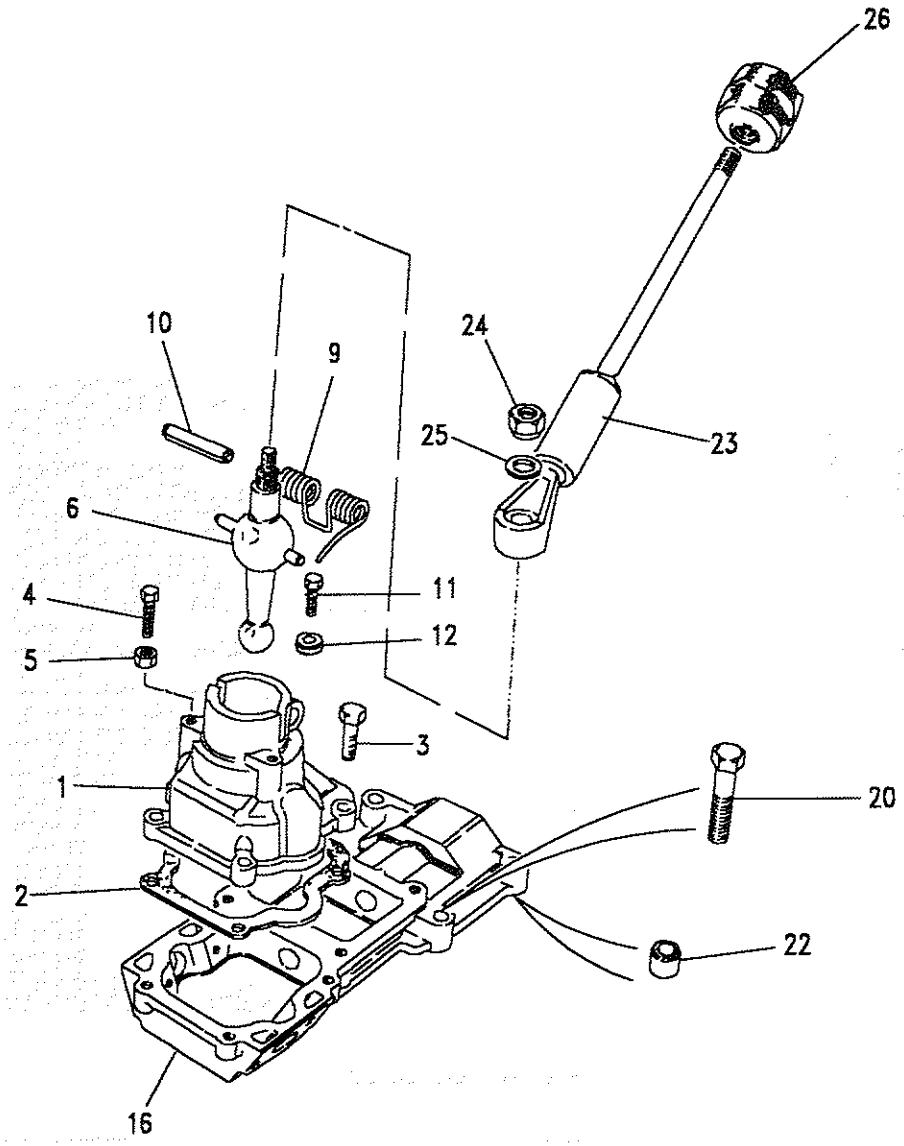
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC2941 | Layshaft | 1 | TDI & V8 |
| | FTC2974 | Layshaft | 1 | 4 Cyl Petrol |
| 2 | FTC317 | Bearing layshaft rear | 1 | |
| 3 | FTC248 | Bearing layshaft front | 1 | |
| 4 | FTC2945 | Gear 5th speed | 1 | |
| 5 | EJP7738 | Nut | 1 | |
| 6 | FTC2385 | Bearing | 1 | |
| 7 | FTC2725 | Gear reverse idler | 1 | |
| 8 | FTC3847 | Spacer rev idler gear | 1 | |
| 9 | FTC3850 | Shaft reverse idler | 1 | |
| 10 | FTC2582 | Bearing needle | 1 | |
| 11 | FTC3391 | Gear assembly reverse | 1 | |




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## GEARBOX - SELECTORS AND SHAFTS - MANUAL R380

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC3361 | Selector shaft | 1 | |
| 2 | FTC3581 | Fork selector 1st/2nd | 1 | |
| 3 | BLS112L | Ball detent 3/8 | 2 | |
| 4 | FTC4113 | Quadrant | 1 | |
| 5 | FTC1488 | Spring pin | 1 | |
| 6 | FRC7334 | Select shaft | 1 | |
| 7 | FRC7333 | Quadrant | 1 | |
| 8 | FRC7335 | Spring pin | 1 | |
| 9 | FRC4435 | Roller | 1 | |
| 10 | FRC4434 | Shaft | 1 | |
| 11 | CR120105L | Circlip | 1 | |
| 12 | FRC4951 | O ring | 1 | |
| 13 | FRC5864 | Yoke | 1 | |
| 14 | FTC4536 | Grubscrew | 1 | |
| 15 | FRC5859 | Yoke | 1 | |
| 16 | CR120335L | Circlip | 1 | |
| 17 | FTC3582 | Fork selector 3rd/4th | 1 | |
| 18 | FTC3370 | Interlock | 1 | |
| 19 | FRC8239 | Plate assembly | 1 | |
| 20 | FRC8170 | O ring | 1 | |
| 21 | FTC3583 | Fork selector 5th | 1 | |
| 22 | FTC2885 | Interlock spool | 1 | |
| 23 | FTC3382 | Spring detent | 2 | |
| 24 | FTC4108 | Plug screw | 1 | |
| 25 | SH106161M | Screw flanged | 2 | |




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## GEARBOX - GEAR LEVER - MANUAL R380

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7155 | Housing gear lever | 1 | |
| 2 | FTC4510 | Washer joint | 1 | |
| 3 | FS108251L | Screw | 4 | |
| 4 | SH106201L | Screw | 2 | |
| 5 | NH106041L | Nut | 2 | |
| 6 | FRC8724 | Gear lever lower | 1 | |
| 7 | 22G1988L | Plunger | 1 | |
| 8 | 22G1989L | Plunger | 1 | |
| 9 | FRC7414 | Torsion spring | 1 | |
| 10 | PA120801L | Roll pin | 1 | |
| 11 | FS106167 | Flange screw | 1 | |
| 12 | FRC7886 | Washer retaining | 1 | |
| 13 | FRC7160 | Grommet | 1 | |
| 14 | AFU4173 | Tie securing grommet | 1 | |
| 15 | BTR1698 | Gaiter | 1 | |
| 16 | FTC3915 | Housing gear change | 1 | |
| 17 | GS110501 | Grub screw 5th speed stop | 1 | |
| 18 | FN110041L | Nut flanged | 1 | |
| 19 | 597586 | Plug | 1 | |
| 20 | FB108081L | Bolt flanged | 3 | |
| 21 | FB108111L | Bolt flanged | 1 | |
| 22 | FRC2626 | Pin spring | 2 | |
| 23 | FRC7860 | Gear lever RH steering | 1 | |
| | FRC7493 | Gear lever LH steering | 1 | |
| 24 | NY110041L | Nut nyloc | 1 | |
| 25 | WC110061L | Washer plain | 1 | |
| 26 | BTR9270 | Knob gearchange | 1 | |

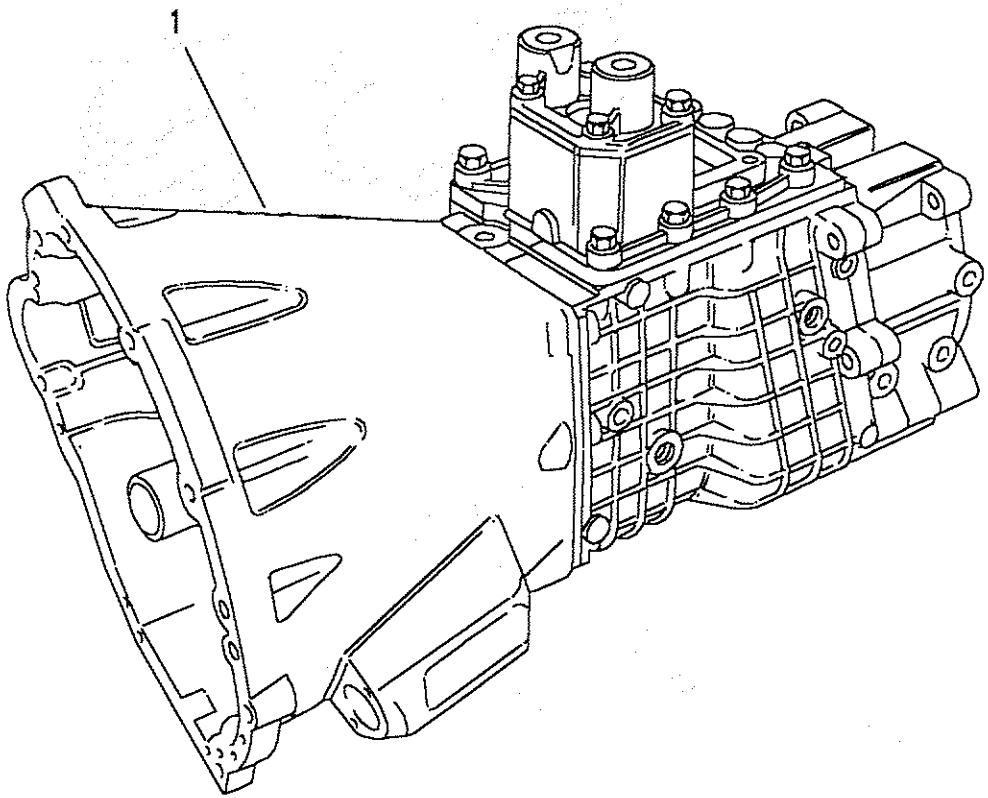
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GROUP C

GEARBOX


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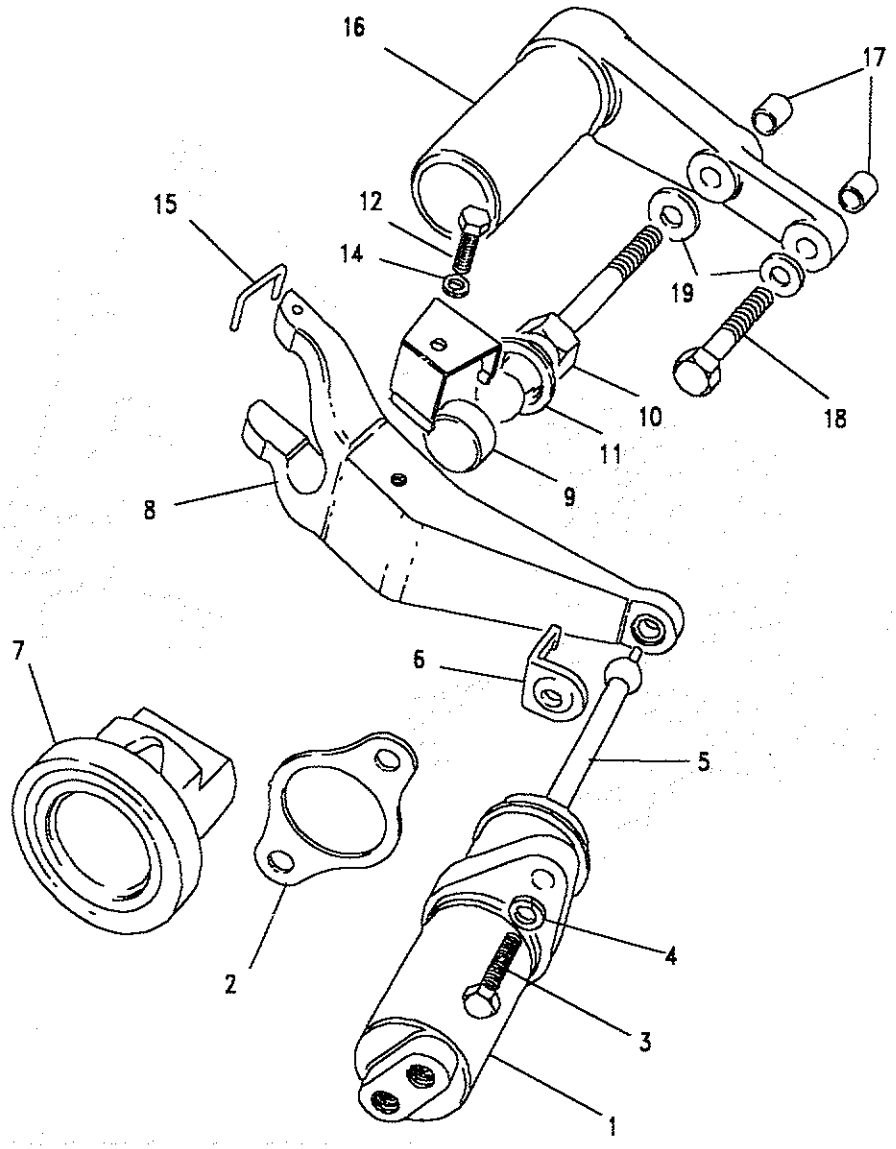



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## GEARBOX - GEARBOX ASSEMBLY - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC322N | Gearbox assembly | 1 | Note(1) |
| | FTC322R | Greabox-reconditioned | 1 | |

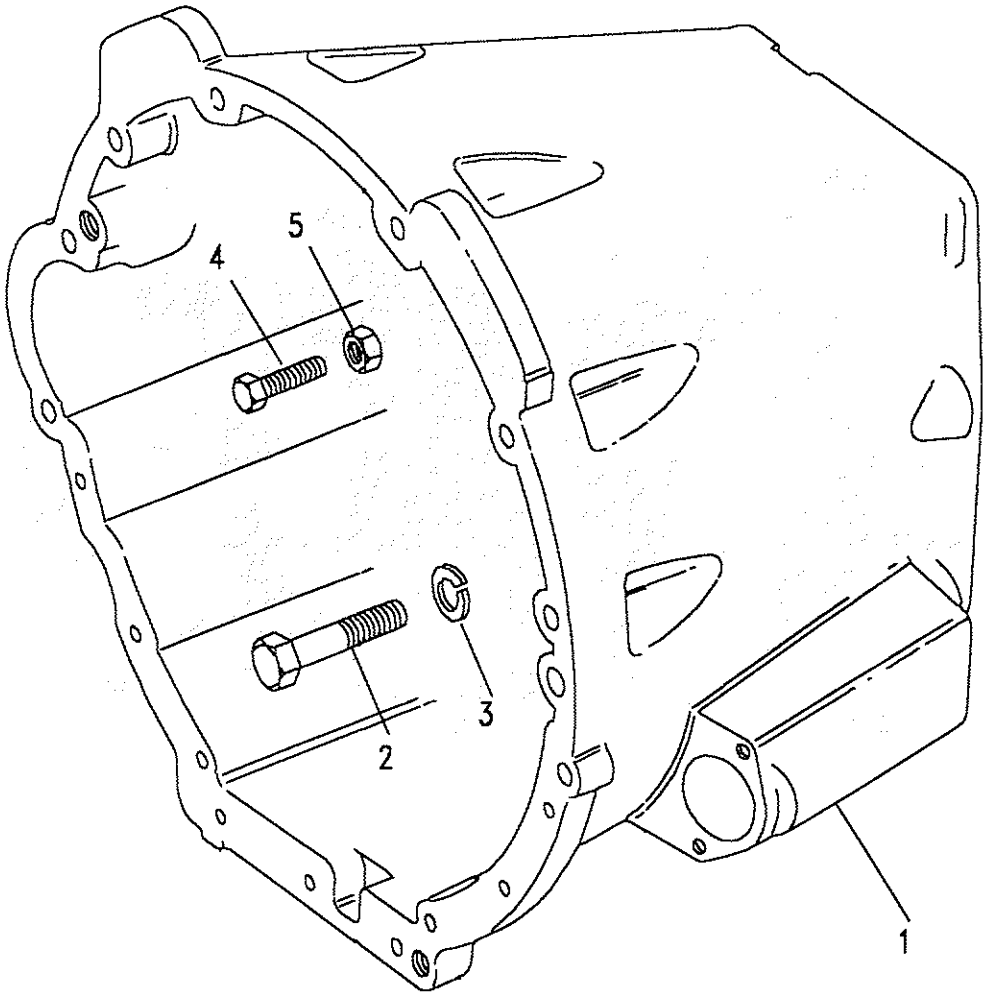
Note(1) Gearbox Number 20C00001/22C00001




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**GEARBOX - CLUTCH RELEASE - LT85**

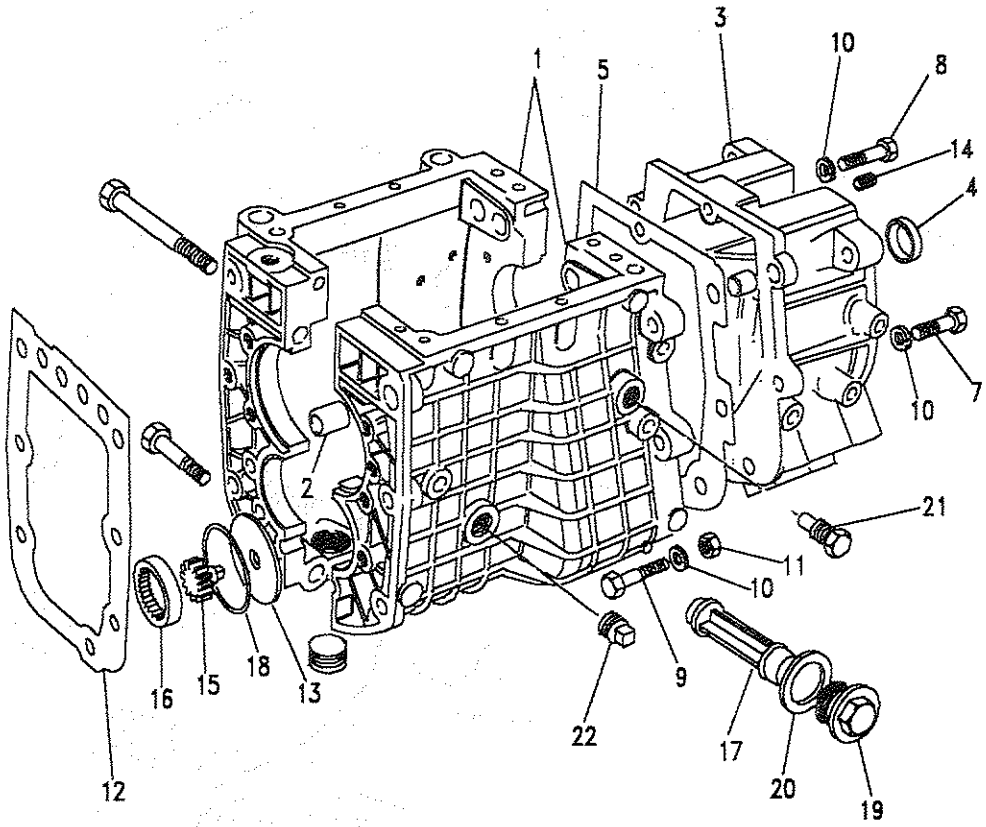
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | UKC8677L | Slave cylinder clutch | 1 | |
| | BHM7063L | Kit repair | 1 | |
| 2 | FRC2402 | Plate backing | 1 | |
| 3 | SH108251L | Screw | 2 | |
| 4 | WL108001L | Washer spring | 2 | |
| 5 | 571160 | Push rod | 1 | |
| 6 | 576723 | Clip | 1 | |
| 7 | FRC9568 | Bearing clutch release | 1 | |
| 8 | 576137 | Lever clutch release | 1 | |
| 9 | FRC2975 | Cap pivot lever | 1 | |
| 10 | FRC2528 | Pivot release lever | 1 | |
| 11 | 571161 | Insert | 1 | |
| 12 | SH106101L | Screw | 1 | |
| 13 | WM106001L | Washer spring | 1 | |
| 14 | 571163 | Clip release lever | 1 | |
| 15 | 576203 | Staple clutch lever | 1 | |
| 16 | FRC4803 | Guide release bearing | 1 | |
| 17 | FRC2481 | Dowel | 2 | |
| 18 | SH108401L | Screw | 1 | |
| 19 | WL108001L | Washer spring | 2 | |




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**GEARBOX - BELL HOUSING - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC8529 | Bell housing | 1 | |
| 2 | BH112141L | Bolt M12x70 | 6 | |
| 3 | WL112001L | Washer spring | 6 | |
| 4 | SH106301L | Screw M6x30 | 1 | |
| 5 | NH106041L | Nut | 1 | |
| | 3290 | Plug | 1 | |

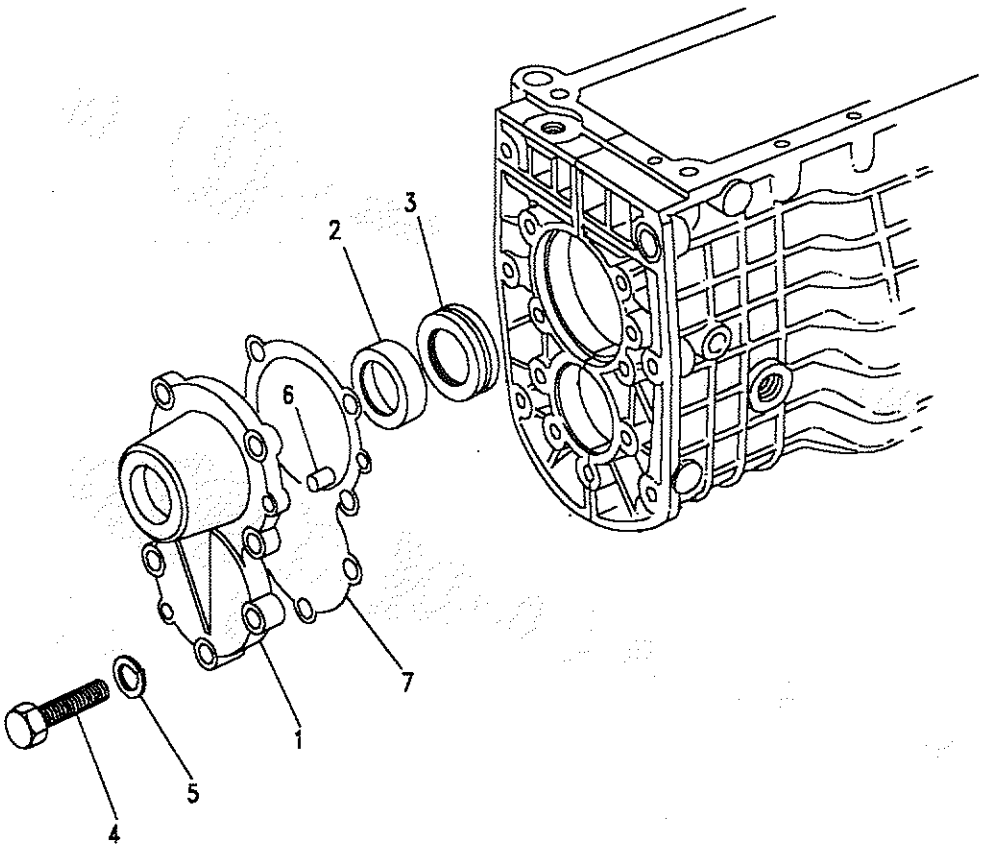



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## GEARBOX - GEARCASE - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC3731 | Casing gearbox | 1 | 20C |
| | FRC8397 | Casing gearbox | 1 | 22C |
| | FRC9524 | Casing gearbox | 1 | Note(1) |
| 2 | FRC2309 | Dowel | 2 | |
| 3 | FRC5306 | Extension case | 1 | |
| 4 | FRC2365 | Seal oil extension case | 1 | |
| 5 | FRC2465 | Washer joint | 1 | |
| 6 | FRC2482 | Dowel | 2 | |
| 7 | BH110091L | Bolt M10x45 | 3 | |
| 8 | BH110101L | Bolt M10x50 | 3 | |
| 9 | BH110121L | Bolt M10x60 | 2 | |
| 10 | WL110001L | Washer spring | 8 | |
| 11 | NH110041L | Nut | 1 | |
| 12 | FRC3073 | Washer joint | 2 | Note(2) |
| 13 | FRC2542 | Plate blanking | 1 | |
| 14 | FRC3166 | Grub Screw | 1 | |
| 15 | 90571086 | Gear internal | 1 | ) |
| 16 | 591227 | Gear external | 1 | )20C only |
| 17 | 576220 | Filter | 1 | ) |
| 18 | FRC2468 | O Ring | 1 | ) |
| 19 | 90571104 | Plug | 1 | ) |
| 20 | FRC4810 | Washer | 1 | ) |
| | STC820 | Kit gears | 1 | Non asbestos |
| | 608246 | Plug drain | 1 | |
| | 571944 | Plug reverse switch hole | 1 | |
| | PRC1039 | Switch reverse light | 1 | |
| | FRC5674 | Washer reverse switch | 1 | |
| 21 | FRC2370 | Bolt reverse lever | 1 | |
| 22 | 3292 | Plug oil level | 1 | |

Note(1) Prefix 22C but with SPLIT GEARCASE
Note(2) Use only 1 washer with SPLIT GEARCASE

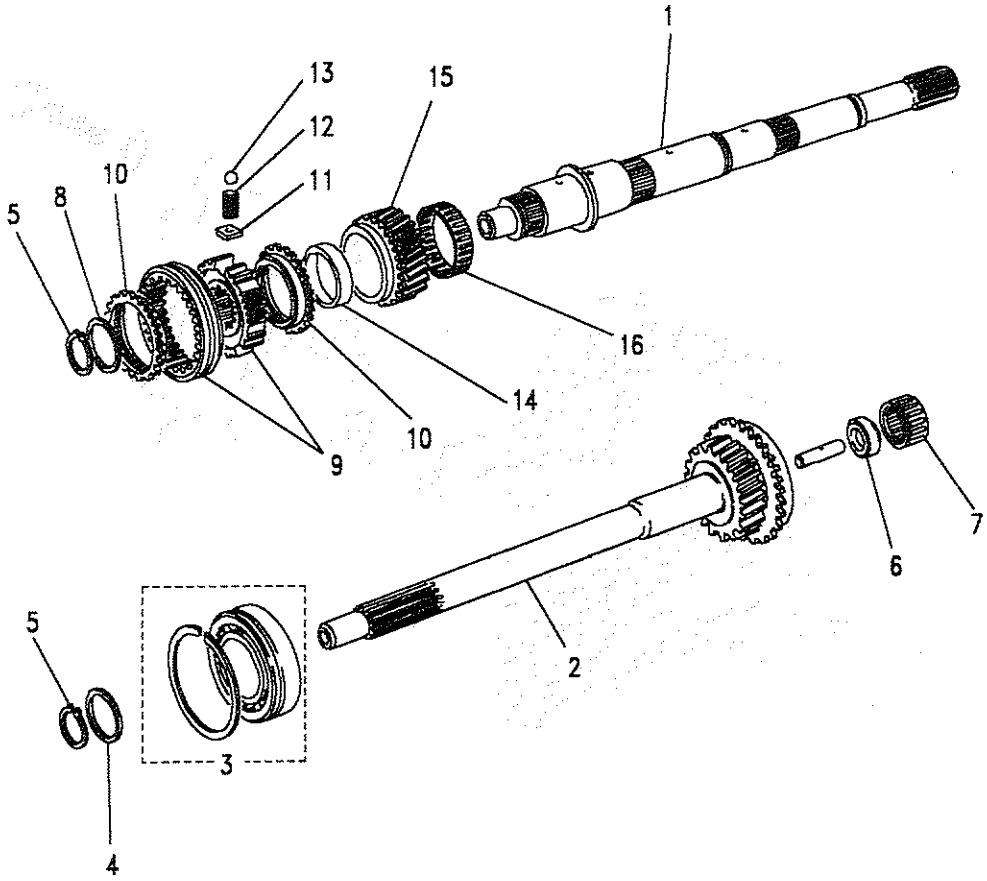



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## GEARBOX - FRONT COVER - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC4875 | Cover front | 1 | 20C |
| | FRC9620 | Cover front | 1 | 22C |
| | GS108081L | Screw grub | 1 | 20C |
| 2 | FRC2361 | Seal oil | 1 | |
| 3 | 591394 | Pick up ring oil | 1 | |
| 4 | SH108401L | Screw | 8 | |
| 5 | WL108001L | Washer spring | 8 | |
| 6 | 571134 | Dowel front cover | 2 | |
| 7 | FRC3072 | Washer joint | 1 | 20C |
| | FRC8215 | Washer joint | 1 | Note(1) |

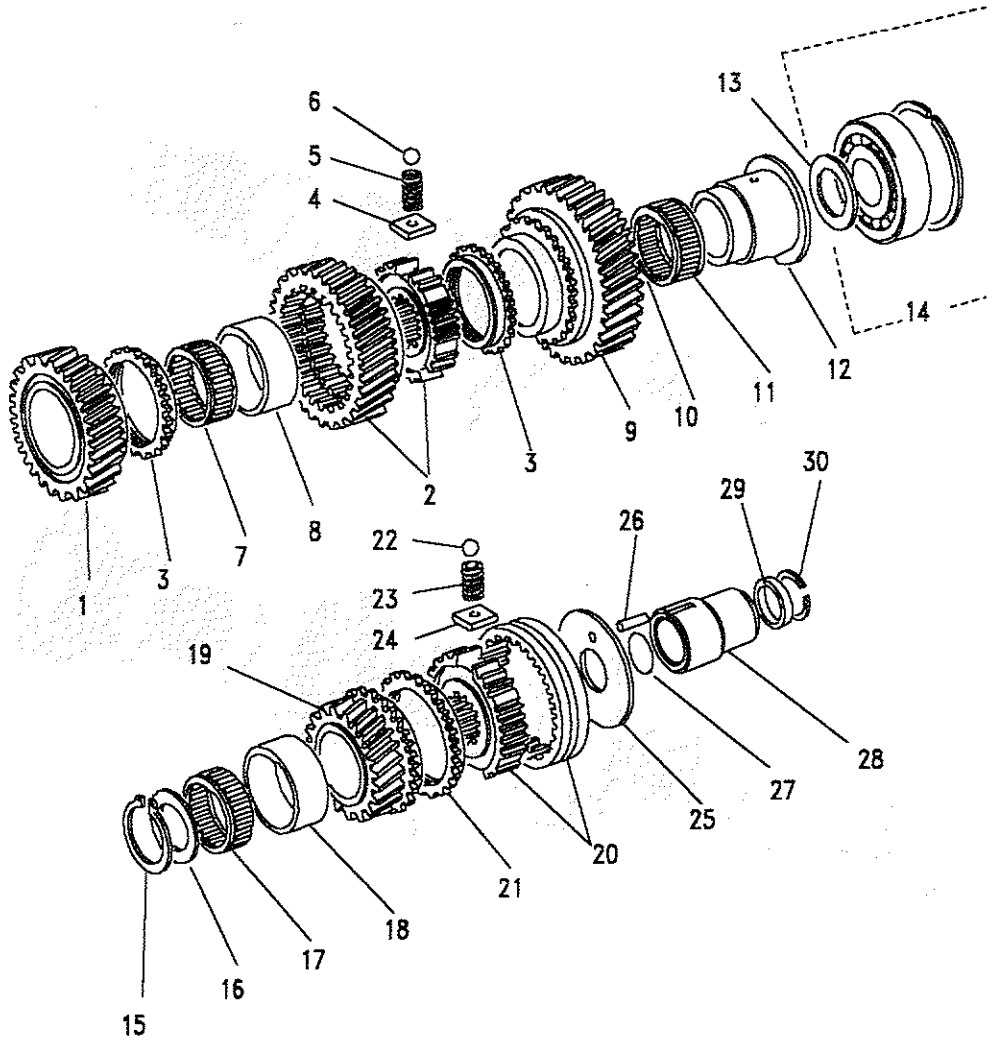
Note(1) Prefix 22c - Washer has hole at the top only




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**GEARBOX - MAINSHAFT - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC4714 | Mainshaft | 1 | )20C |
| 2 | FRC7852 | Constant pinion assembly | 1 | ) |
| 1 | FRC8214 | Mainshaft | 1 | )22C |
| 2 | FRC9621 | Constant pinion assembly | 1 | ) |
| 3 | FRC2301 | Ball bearing | 1 | |
| 4 | | SHIMS-CONSTANT PINION | | |
| | FRC2445 | Shim 3.07 | A/R | |
| | FRC2446 | Shim 3.02 | A/R | |
| | FRC2447 | Shim 2.97 | A/R | |
| | FRC2448 | Shim 2.92 | A/R | |
| | FRC2449 | Shim 2.87 | A/R | |
| 5 | FRC2488 | Circlip | 2 | |
| 6 | 571142 | Seal oil | 1 | |
| 7 | 6397 | Bearing | 1 | |
| 8 | | SHIMS-3RD AND 4TH HUB | | |
| | FRC2554 | Shim 3.48 | A/R | |
| | FRC2555 | Shim 3.43 | A/R | |
| | FRC2556 | Shim 3.38 | A/R | |
| 9 | FRC8139 | Synchro assembly 3rd/4th | 1 | |
| 10 | FRC8777 | Ring baulk | 2 | |
| 11 | FRC7752 | Block sliding | 3 | |
| 12 | 503805 | Spring | 3 | |
| 13 | BLS108L | Ball | 3 | |
| 14 | FRC3898 | Spacer | 1 | |
| 15 | FRC7764 | Gear 3rd Speed | 1 | 20C |
| | FRC8210 | Gear 3rd Speed | 1 | 22C |
| 16 | FRC2334 | Bearing | 1 | |

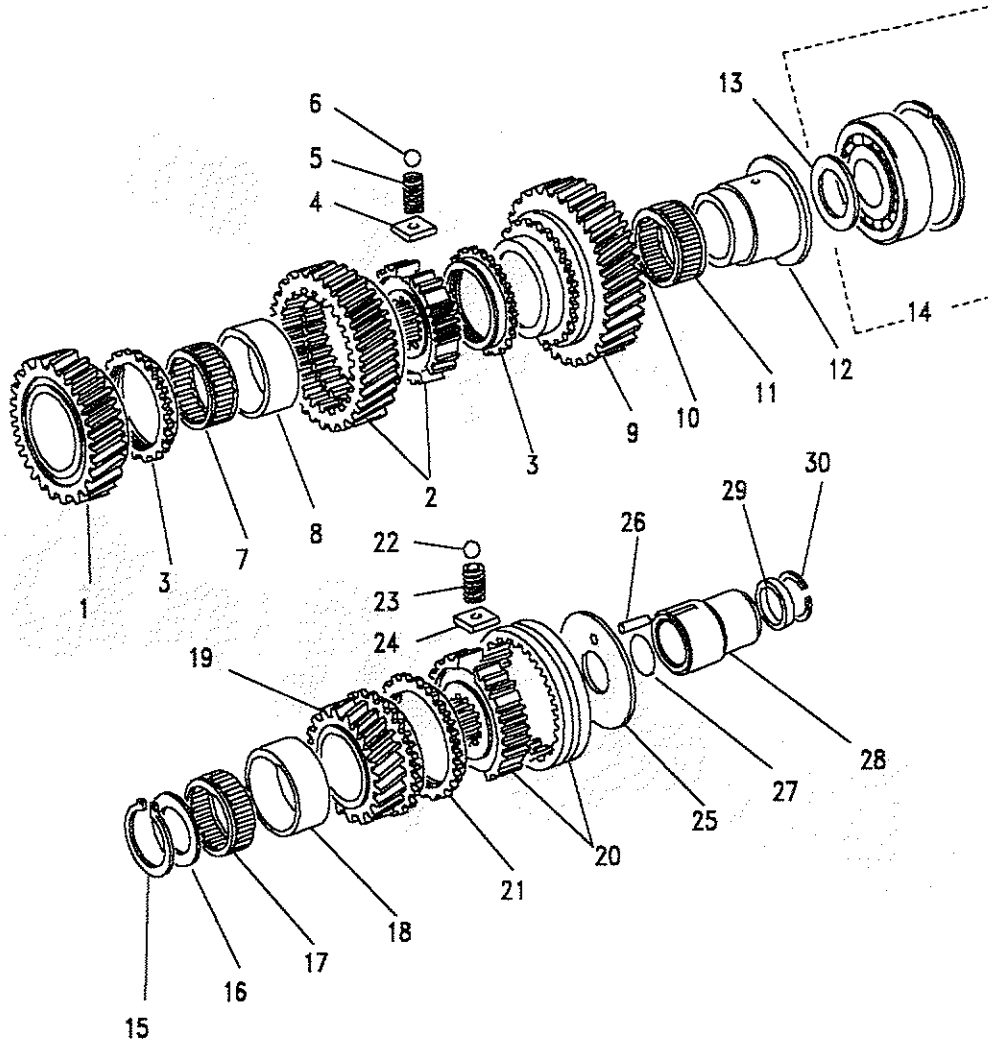



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## GEARBOX - MAINSHAFT GEARS - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7763 | Gear 2nd speed | 1 | 20C |
| | FRC8209 | Gear 2nd speed | 1 | 22C |
| 2 | FRC8129 | Synchro assembly 1st/2nd | 1 | Note(1) |
| | FRC9556 | Synchro assembly 1st/2nd | 1 | Note(2) |
| 3 | FRC2334 | Bearing | 1 | |
| 4 | FRC3898 | Spacer | 1 | |
| 5 | FRC8777 | Ring baulk | 2 | |
| 6 | FRC7752 | Block sliding | 3 | |
| 7 | 503805 | Spring | 3 | |
| 8 | BLS108L | Ball | 3 | |
| 9 | FRC7761 | Gear 1st speed | 1 | 20C |
| | FRC8208 | Gear 1st speed | 1 | 22C |
| 10 | FRC3897 | Spacer 1st speed | 1 | |
| 11 | FRC2334 | Bearing | 1 | |
| 12 | FRC8422 | Bush 1st speed | 1 | |
| 13 | | SHIN-1ST SPEED BUSH | | |
| | FRC8400 | Shim 1.15mm | A/R | |
| | FRC8401 | Shim 1.20mm | A/R | |
| | FRC8402 | Shim 1.25mm | A/R | |
| | FRC8403 | Shim 1.30mm | A/R | |
| | FRC8404 | Shim 1.35mm | A/R | |
| | FRC8405 | Shim 1.40mm | A/R | |
| | FRC8406 | Shim 1.45mm | A/R | |
| 14 | FRC2301 | Ball bearing | 1 | |
| 15 | FRC2488 | Circlip | 1 | |
| 16 | FRC5978 | Washer thrust-5th gear | 1 | |
| 17 | FRC2479 | Bearing needle | 1 | |
| 18 | FRC3896 | Spacer 5th gear | 1 | |

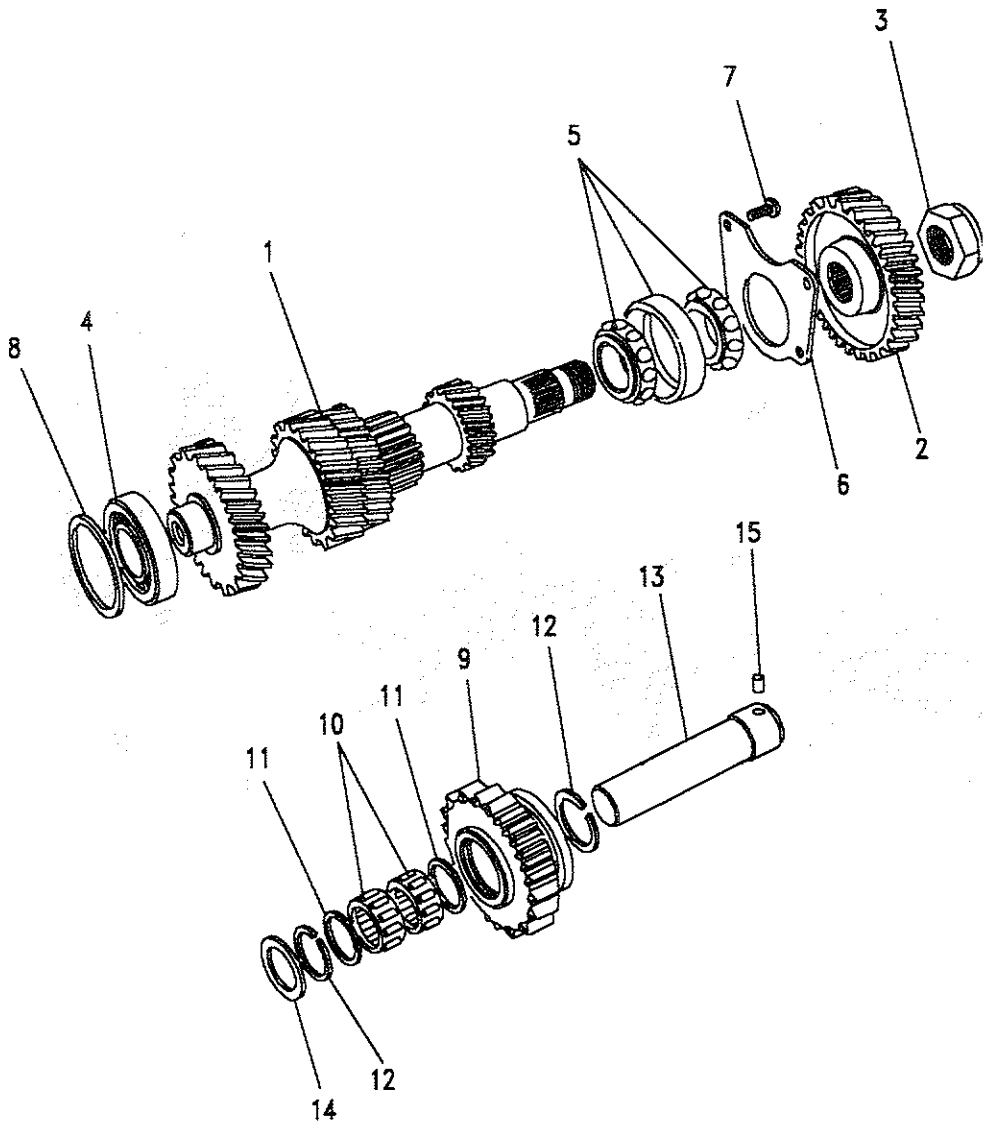
Note(1) Prefix 20C and up to Prefix 22C00193
Note(2) Prefix 22C00194 onwards




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**Page** ADCGIC1A

## GEARBOX - MAINSHAFT - V8 CARB

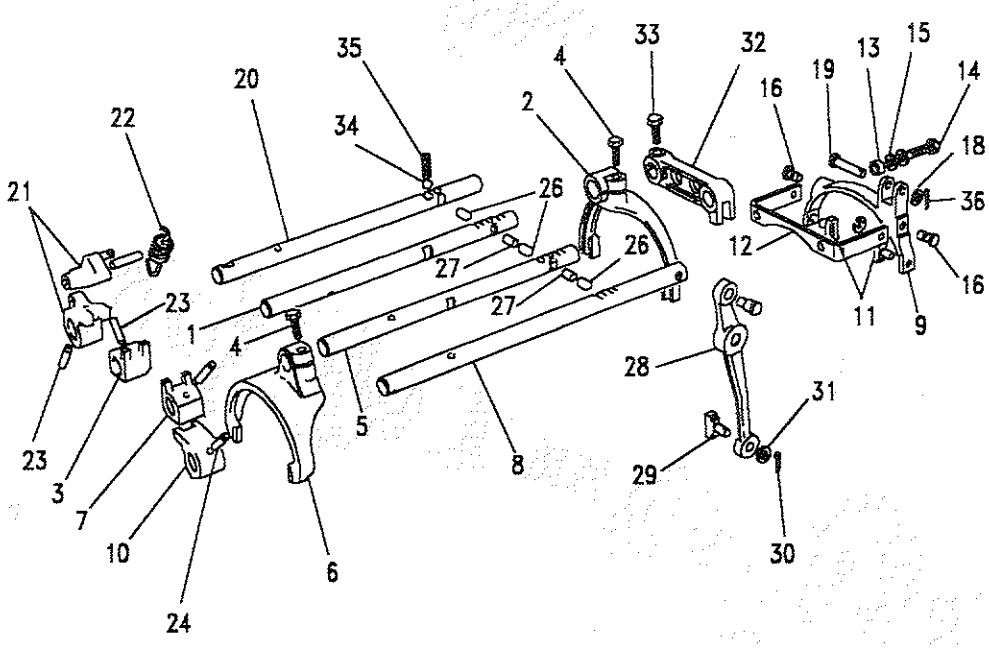
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | FRC7757 | Gear 5th speed | 1 | 20C |
| | FRC8211 | Gear 5th speed | 1 | 22C |
| 20 | FRC8176 | Synchro assembly 5th | 1 | |
| 21 | FRC8777 | Ring baulk | 1 | |
| 22 | BLS108L | Ball | 3 | |
| 23 | 503805 | Spring | 3 | |
| 24 | FRC7752 | Block sliding | 3 | |
| 25 | FRC7753 | Plate stop 5th speed hub | 1 | 3mm |
| | STC700 | Plate stop 5th speed hub | 1 | 5mm |
| 26 | FRC8409 | Pin anti rotation | 1 | 3mm |
| | STC581 | Pin anti rotation | 1 | 5mm |
| 27 | FRC2457 | O ring | 1 | |
| 28 | FRC5317 | Collar oil seal | 1 | 3mm |
| | STC582 | Collar oil seal | 1 | 5mm |
| 29 | | SUPPORT WASHER | | |
| | FRC5602 | Washer support 4.25 | A/R | |
| | FRC5603 | Washer support 4.30 | A/R | |
| | FRC5604 | Washer support 4.35 | A/R | |
| | FRC5605 | Washer support 4.40 | A/R | |
| | FRC5606 | Washer support 4.45 | A/R | |
| | FRC5607 | Washer support 4.50 | A/R | |
| | FRC5608 | Washer support 4.55 | A/R | |
| | FRC5609 | Washer support 4.60 | A/R | |
| | FRC5610 | Washer support 4.65 | A/R | |
| | FRC5611 | Washer support 4.70 | A/R | |
| | FRC5612 | Washer support 4.75 | A/R | |
| | FRC5613 | Washer support 4.80 | A/R | |
| | FRC5614 | Washer support 4.85 | A/R | |
| | FRC5615 | Washer support 4.90 | A/R | |
| | FRC5616 | Washer support 4.95 | A/R | |
| 30 | FRC4494 | Ring snap collar | 1 | |




**Model** DEFENDER 90
**Page** ADCGiE1A

**GEARBOX - LAYSHAFT - LT85**

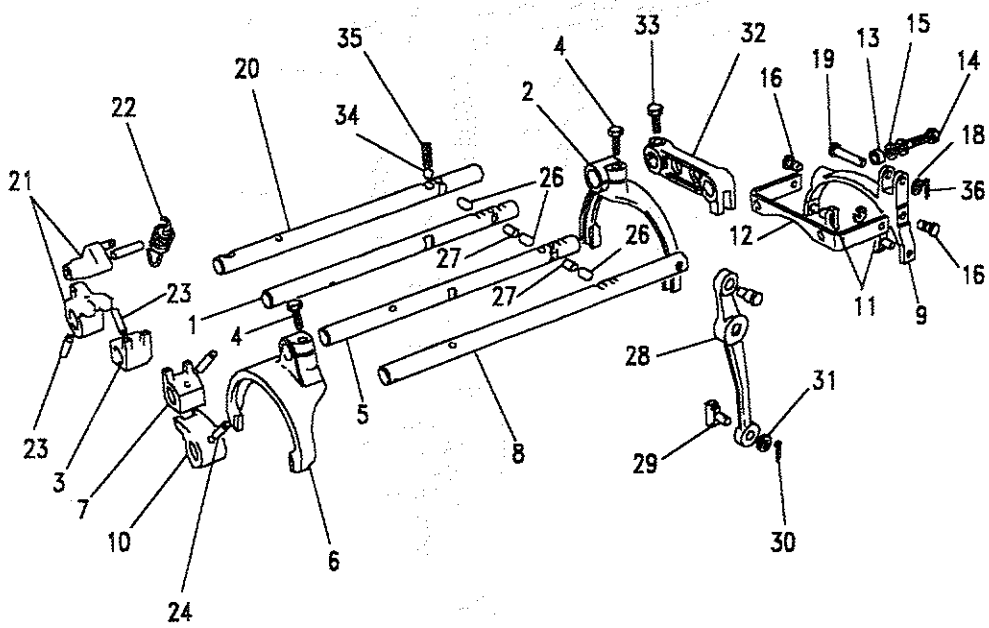
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC3732 | Layshaft | 1 | 20C |
| | FRC8213 | Layshaft | 1 | 22C |
| 2 | FRC3795 | Gear 5th speed | 1 | |
| 3 | FRC3806 | Nut | 1 | |
| 4 | FRC2578 | Bearing front | 1 | |
| 5 | FRC2470 | Bearing rear | 1 | |
| 6 | FRC8380 | Plate retaining | 1 | |
| 7 | SB108201L | Screw | 2 | |
| | SH108301L | Screw M8x30 | 2 | |
| | WL108001L | Washer spring | 2 | |
| 8 | FRC3987 | Spacer | 1 | |
| 9 | FRC3319 | Gear reverse idler | 1 | |
| 10 | FRC1032 | Bearing | 2 | |
| 11 | FRC1034 | Washer | 2 | |
| 12 | FRC1035 | Circlip | 2 | |
| 13 | FRC3112 | Shaft reverse idler | 1 | |
| 14 | FRC8421 | Washer thrust | 1 | |
| 15 | 591519 | Pin spring | 1 | |




**Model** DEFENDER 90
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## GEARBOX - SELECTOR AND SHAFTS - LT85

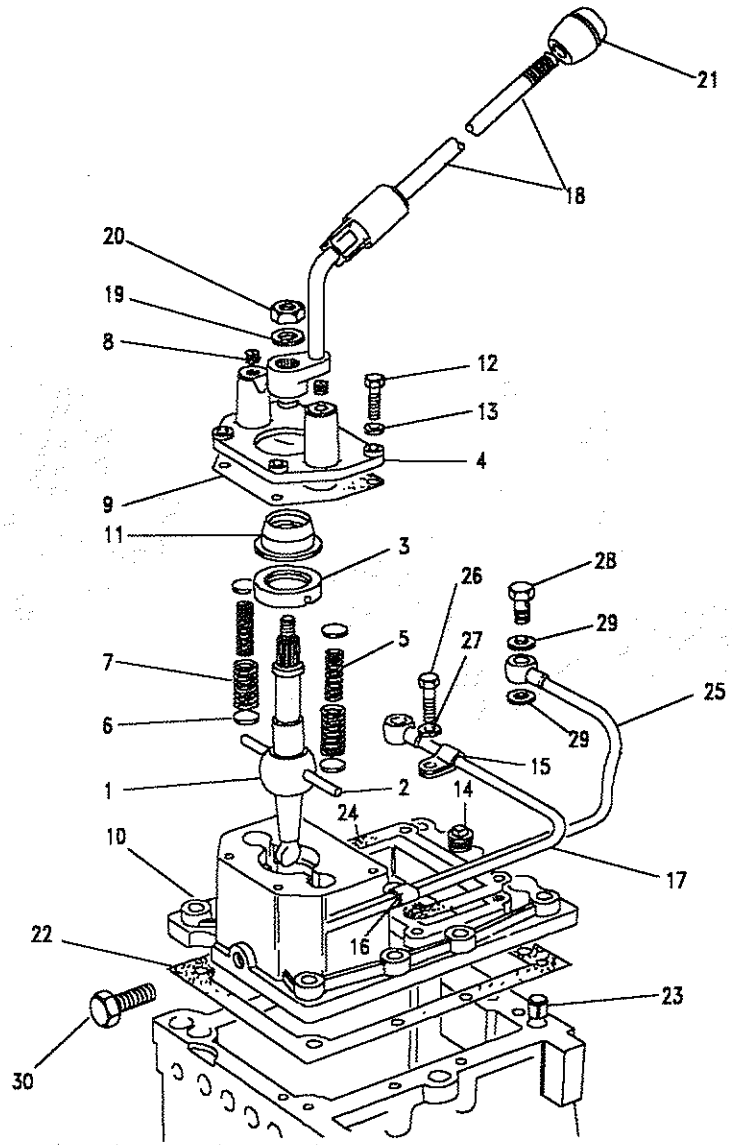
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC2381 | Shaft selector 1st/2nd | 1 | |
| 2 | FRC7769 | Fork selector 1st/2nd | 1 | |
| 3 | FRC8452 | Jaw selector 1st/2nd | 1 | |
| 4 | SX108351L | Bolt | 1 | |
| 5 | FRC3118 | Shaft selector 3rd/4th | 1 | |
| 6 | FRC7754 | Fork selector 3rd/4th | 1 | |
| 7 | FRC8452 | Jaw selector 3rd/4th | 1 | |
| 8 | FRC3282 | Shaft selector | 1 | |
| 9 | FRC7767 | Fork selector 5th gear | 1 | |
| 10 | FRC8454 | Jaw selector 5th gear | 1 | |
| 11 | 622388 | Pad swivel | 2 | |
| 12 | FRC7766 | Bracket pivot 5th fork | 1 | |
| 13 | FRC2481 | Dowel | 2 | |
| 14 | SH108301L | Screw M8x30 | 2 | |
| 15 | WA108051L | Washer plain | 2 | |
| 16 | UKC2089L | Pin pivot 5th fork | 2 | |
| 17 | UKC2105L | Circlip pivot pin | 2 | |




**Model** DEFENDER 90
**Page** ADCGKA1A

**GEARBOX - SELECTOR AND SHAFTS - LT85 - CONTINUED**

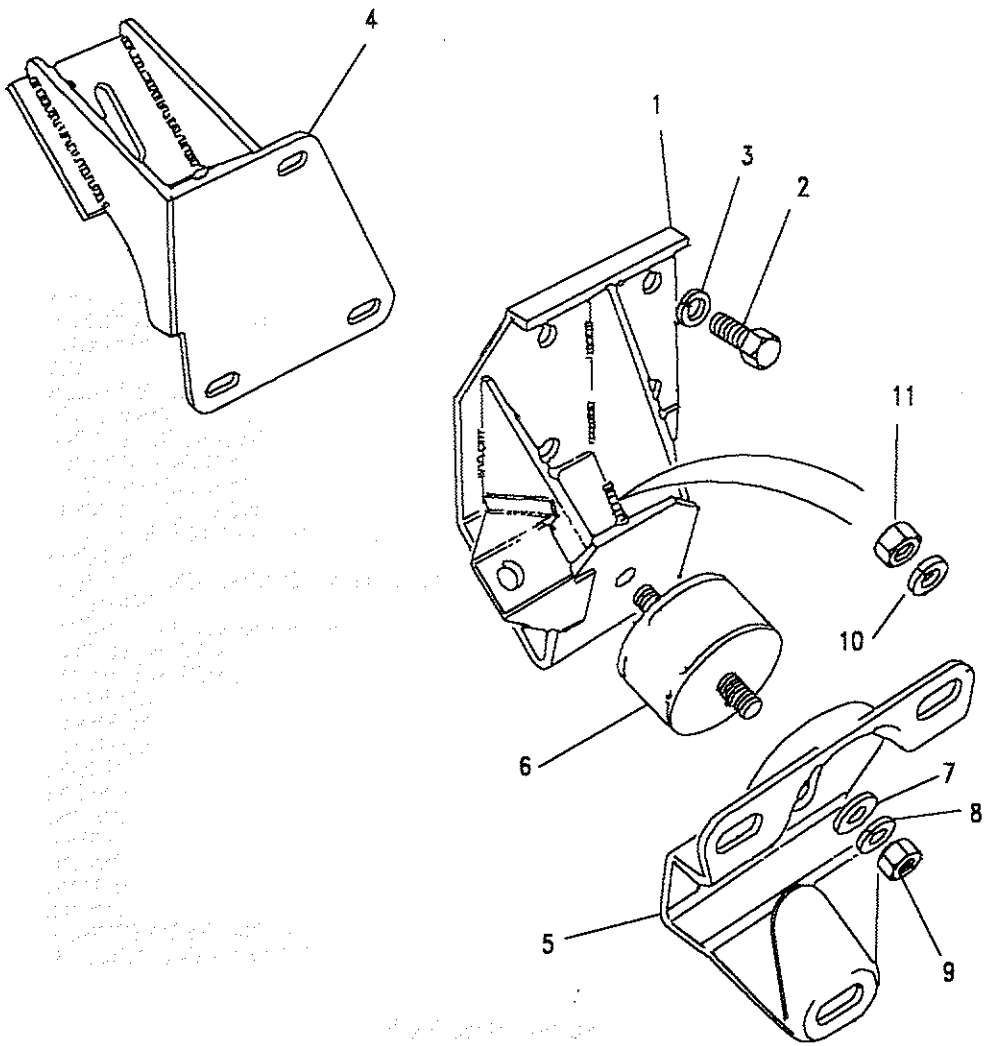
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | WA106041L | Washer plain | 1 | |
| 19 | PC106561L | Pin clevis | 1 | |
| 20 | FRC8270 | Shaft selector reverse | 1 | |
| 21 | FRC8455 | Hinge and jaw assembly | 1 | |
| 22 | FRC3481 | Spring reverse Hinge | 1 | |
| 23 | 571158 | Pin spring | 4 | |
| 24 | PS103121L | Pin split | 1 | |
| 25 | SH108301L | Screw M8 x 30 | 2 | |
| 26 | FRC2577 | Plunger interlock | 3 | |
| 27 | FRC3117 | Pin interlock | 2 | |
| 28 | FRC2390 | Lever assembly reverse | 1 | |
| 29 | 571043 | Foot selector | 1 | |
| 30 | PS103121L | Pin split | 1 | |
| 31 | WA108051L | Washer | 1 | |
| 32 | FRC2368 | Beam reverse | 1 | |
| 33 | FRC2370 | Bolt | 1 | |
| 34 | 571146 | Ball detent | 4 | |
| 35 | 593802 | Spring detent | 4 | |
| 36 | PS103121L | Pin split | 1 | |




**Model** DEFENDER 90
**Page** ADCGKC1A

## GEARBOX - GEAR LEVER - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC8250 | Gear lever-LOWER | 1 | |
| 2 | FRC2622 | Pin locating | 2 | |
| 3 | FRC2612 | Seat gear lever lower | 1 | |
| 4 | FRC2583 | Housing spring | 1 | |
| 5 | FRC2587 | Spring bias inner | 2 | |
| 6 | FRC2623 | Disc bias spring | 4 | |
| 7 | FRC3146 | Spring bias outer | 2 | |
| 8 | GS112141L | Grub Screw | 2 | |
| 9 | FRC2648 | Washer joint | 1 | |
| 10 | FRC5698 | Cover top | 1 | |
| 11 | FRC8271 | Grommet gear lever lower | 1 | |
| 12 | SH106251L | Screw M6x25 | 4 | |
| 13 | WL106001L | Washer spring | 4 | |
| 14 | 3292 | Plug filler | 1 | |
| 15 | BAU1689 | Clip single | 1 | |
| 16 | 622324 | Clip double | 1 | |
| 17 | FRC4062 | Breather assembly | 1 | |
| 18 | FRC8863 | Lever gear upper | 1 | |
| 19 | WA110061L | Washer | 1 | |
| 20 | NY110041L | Nut | 1 | |
| 21 | FRC8722 | Knob gear lever | 1 | |
| 22 | FRC2487 | Gasket top cover | 1 | |
| 23 | FRC2626 | Pin spring top cover | 1 | |
| 24 | FRC6306 | Gasket | 1 | Up to 20D299332E |
| | FTC4036 | Gasket g/change housing | 1 | From 20D299333E |
| 25 | FRC9429 | Breather to T/BOX | 1 | |
| 26 | SH108401L | Screw | 8 | |
| 27 | WL108001L | Washer | 8 | |
| 28 | 595478 | Bolt banjo | 2 | |
| 29 | 232039 | Washer sealing | 4 | |
| 30 | | Plug blanking | 1 | |




**Model** DEFENDER 90
**Page** ADCGMA1A

## GEARBOX - MOUNTINGS - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC9501 | Bracket mounting LH | 1 | |
| 2 | SH112251L | Screw | 4 | |
| 3 | WL112001L | Washer spring | 4 | |
| 4 | NTC1201 | Bracket mounting RH | 1 | |
| 5 | 90575585 | Bracket mounting | 2 | |
| 6 | NTC5900 | Mounting rubber | 2 | IMPERIAL |
| 7 | WD110061L | Washer | 2 | |
| 8 | WL600061L | Washer spring | 2 | |
| 9 | NH606041L | Nut | 2 | |
| 10 | WL600061L | Washer | 2 | |
| 11 | NH606041L | Nut | 2 | |
| | RTC6115 | Kit engine mounting | 2 | ) |
| | NH110041L | Nut | 4 | )Metric |
| | WC110001L | Washer | 2 | ) |
| | WL110001L | Washer spring | 4 | ) |

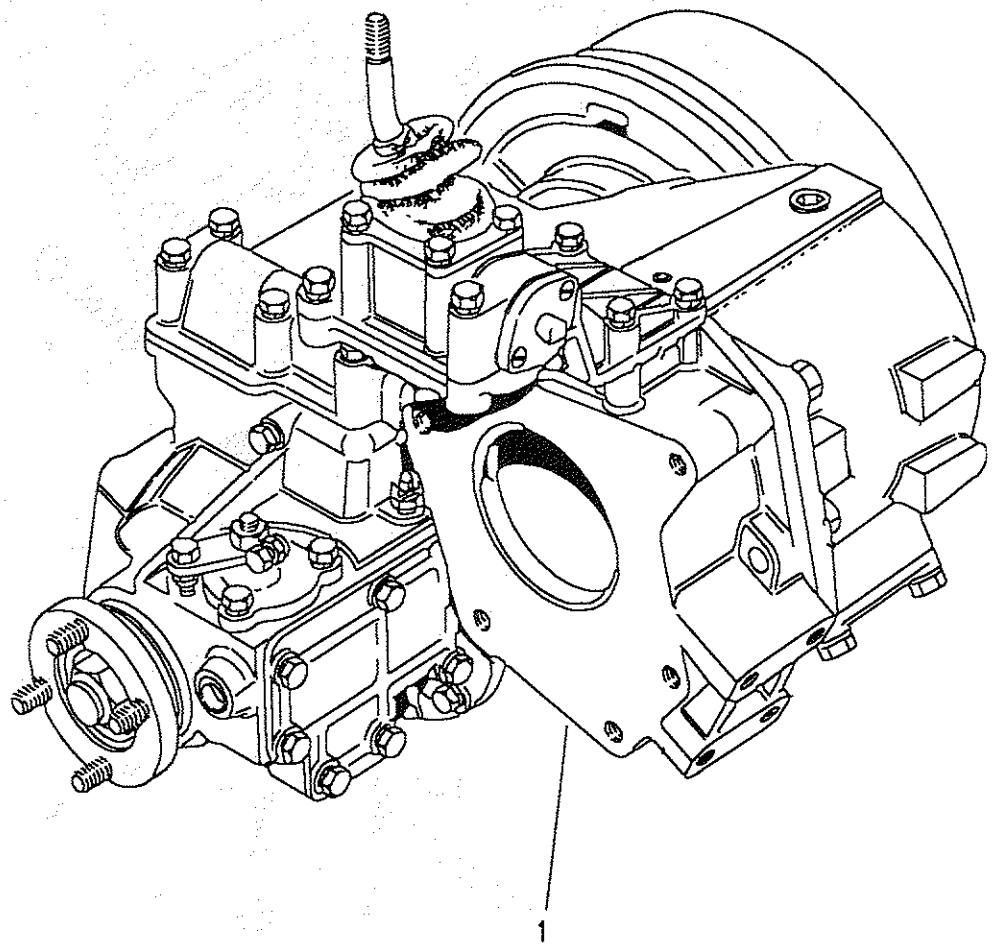
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GROUP D

TRANSFER BOX


| | |
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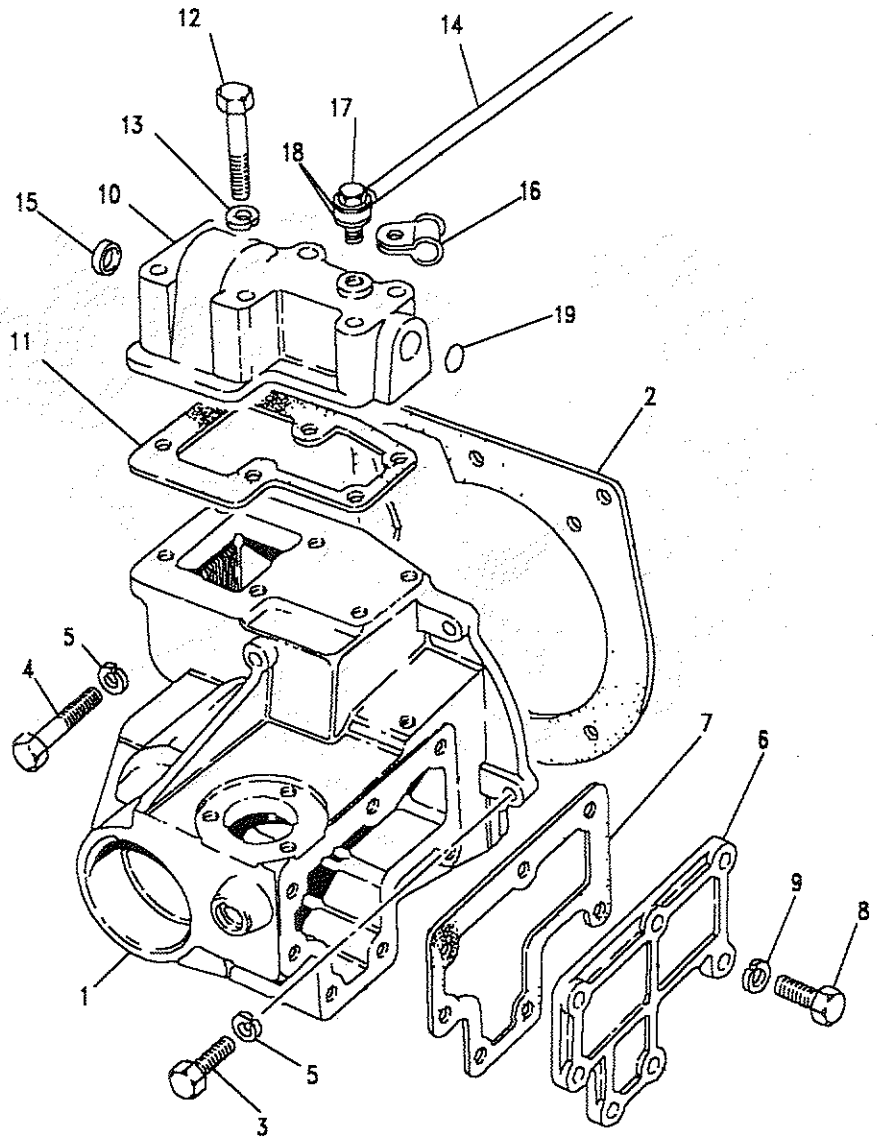



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**Page** ADDBAA1A

**TRANSFER GEARBOX - TRANSFER ASSEMBLY- 4CYL/V8 LT77S**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC9470N | Transfer assy-1.410.1 | 1 | 22D Note(1) |
| | STC1017 | Transfer assy-1.222.1 | 1 | 32D-V8 ENGINE |

Note(1) When fitting a new Transfer assembly (LT230T TYPE) to replace Transfer assembly (LT230R TYPE Prefix 13D) use GATE PLATE FRC7944.



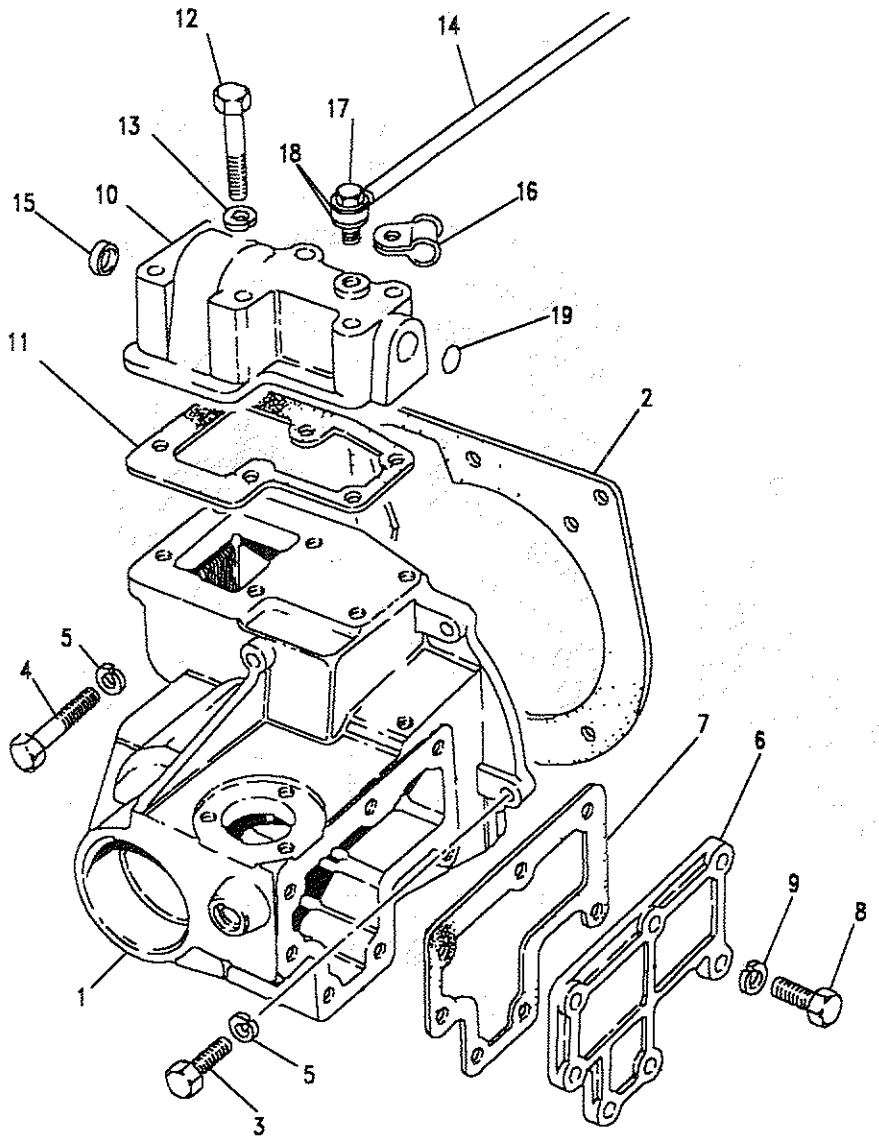

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**Model** DEFENDER 90
**Page** ADDBCA1A

**TRANSFER GEARBOX - HOUSING - 4CYL - PREFIX 13D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC8299 | Housing front output | 1 | |
| 2 | FRC6103 | Gasket | 1 | Note(1) |
| 3 | FS108301L | Bolt | 7 | |
| 4 | BH108181L | Bolt | 1 | |
| 5 | WA108051L | Washer spring | 8 | |
| 6 | FRC6104 | Cover | 1 | |
| 7 | FRC6105 | Gasket | 1 | Note(1) |
| 8 | SH108251L | Screw | 7 | |
| 9 | WA108051L | Washer | 7 | |
| 10 | FRC6106 | Housing cross shaft | 1 | |
| 11 | FRC7998 | Gasket | 1 | Note(1) |
| 12 | FB108111L | Bolt | 6 | |
| 13 | WA108051L | Washer | 6 | |
| 14 | FRC168 | Pipe breather | 1 | |
| 15 | FRC7930 | Plug cup | 1 | |
| 16 | BAU1689 | Clip pipe | 1 | |
| 17 | 595478 | Bolt banjo | 1 | |
| 18 | 232039 | Washer copper | 2 | |
| 19 | FRC5575 | O ring | 2 | |

Note(1) Part of gasket RTC3890



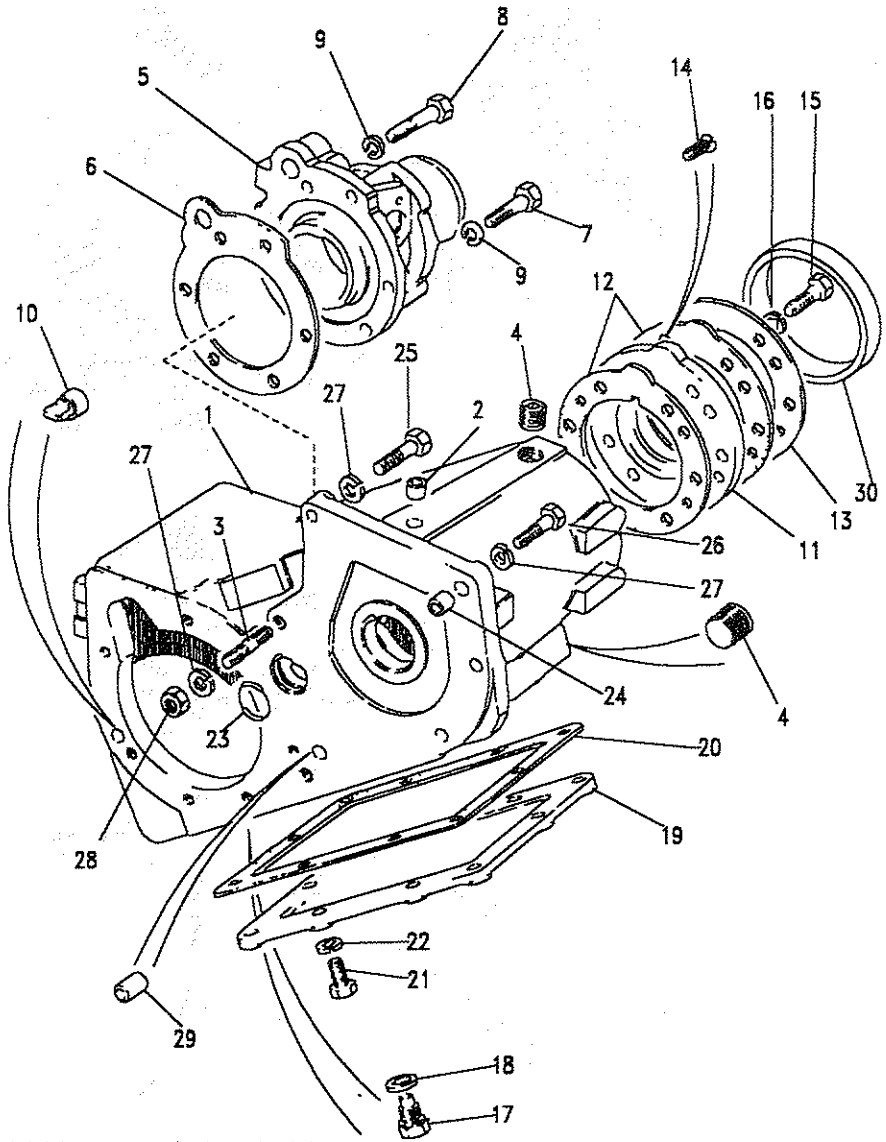

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**Model** DEFENDER 90
**Page** ADDBCA2A

**TRANSFER GEARBOX - HOUSING - 4CYL/LT77S - PREFIX 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC8299 | Housing front output | 1 | Note(1) |
| | FTC4178 | Housing front output | 1 | Note(2) |
| 2 | FRC6103 | Gasket | 1 | Note(3) |
| 3 | FS108301L | Bolt | 7 | |
| 4 | FB108181M | Bolt flanged | 1 | |
| 5 | WA108051L | Washer | 8 | |
| 6 | FRC6104 | Cover front | 1 | |
| 7 | FRC6105 | Gasket | 1 | Note(3) |
| 8 | SH108251L | Screw | 7 | |
| 9 | WA108051L | Washer | 7 | |
| 10 | FRC6106 | Housing cross shaft | 1 | |
| 11 | FRC7998 | Gasket | 1 | Note(3) |
| 12 | FB108111L | Bolt flanged | 6 | |
| 13 | WA108051L | Washer | 6 | |
| 14 | FRC167 | Pipe breather | 1 | |
| 15 | FRC7930 | Plug cup | 1 | |
| 16 | BAU1689 | Clip pipe | 1 | |
| 17 | 595478 | Bolt banjo | 1 | |
| 18 | 232039 | Washer copper | 2 | |
| 19 | FRC5575 | O ring | 1 | |

Note(1) Housings with gasket joint
Note(2) Housings with liquid joint.
Note(3) Part of gasket RTC3890

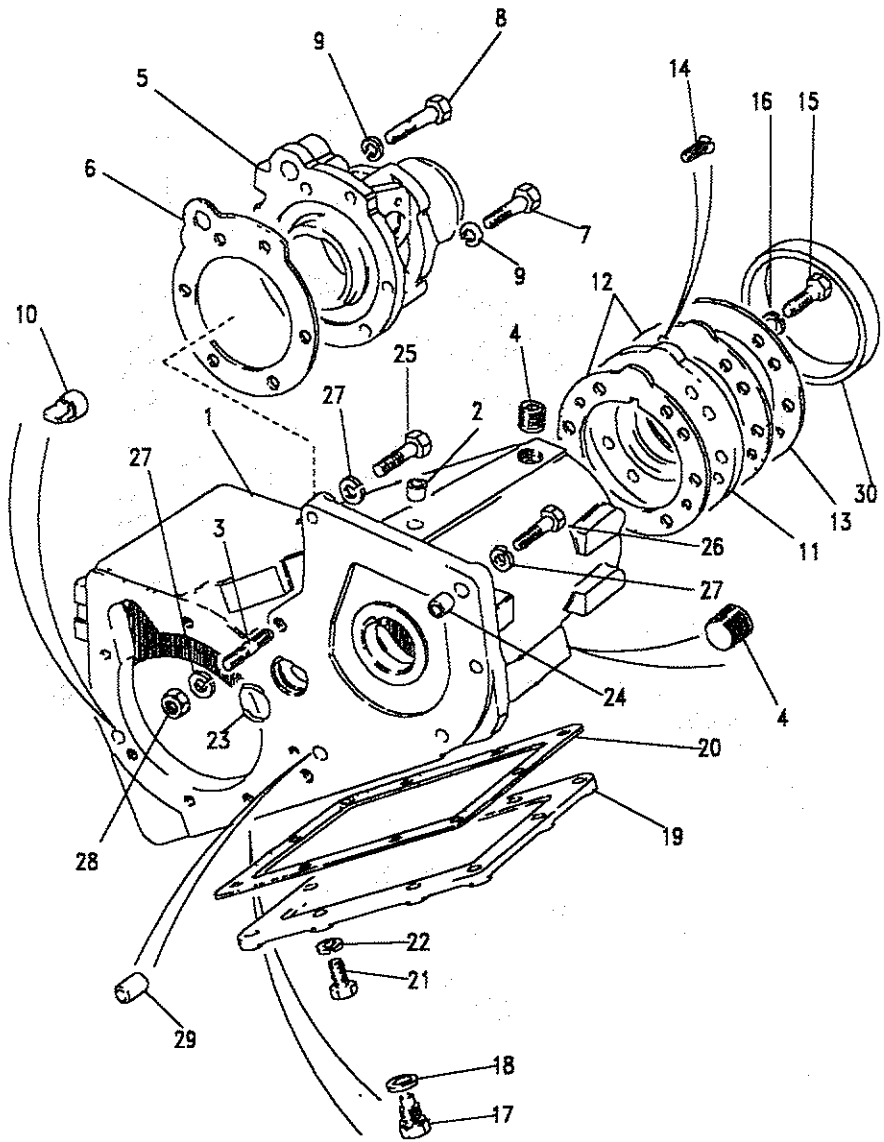



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**Page** ADDBEA1A

**TRANSFER GEARBOX - HOUSING - 4CYL - PREFIX 13D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7026 | Housing transfer assy | 1 | |
| 2 | UKC24L | Plug cup | 1 | |
| 3 | FRC5595 | Stud | 2 | |
| 4 | 608246 | Plug oil filler | 2 | |
| 5 | FRC6578 | Housing speedo drive | 1 | |
| 6 | FRC5409 | Gasket | 1 | Note(1) |
| 7 | SH110301L | Screw | 5 | |
| 8 | BH110091L | Screw | 1 | |
| 9 | WA110061L | Washer | 6 | |
| 10 | FRC5594 | Dowel | 1 | |
| 11 | FRC6943 | Housing | 1 | |
| 12 | FRC5413 | Washer joint | 2 | Note(1) |
| 13 | FTC2061 | Cover power take off | 1 | |
| 14 | SF108251L | Bolt | 2 | |
| 15 | BX110071L | Bolt | 6 | |
| 16 | WA110061L | Washer | 6 | |
| 17 | 599552 | Plug drain | 1 | |

Note(1) Part of gasket kit RTC3890

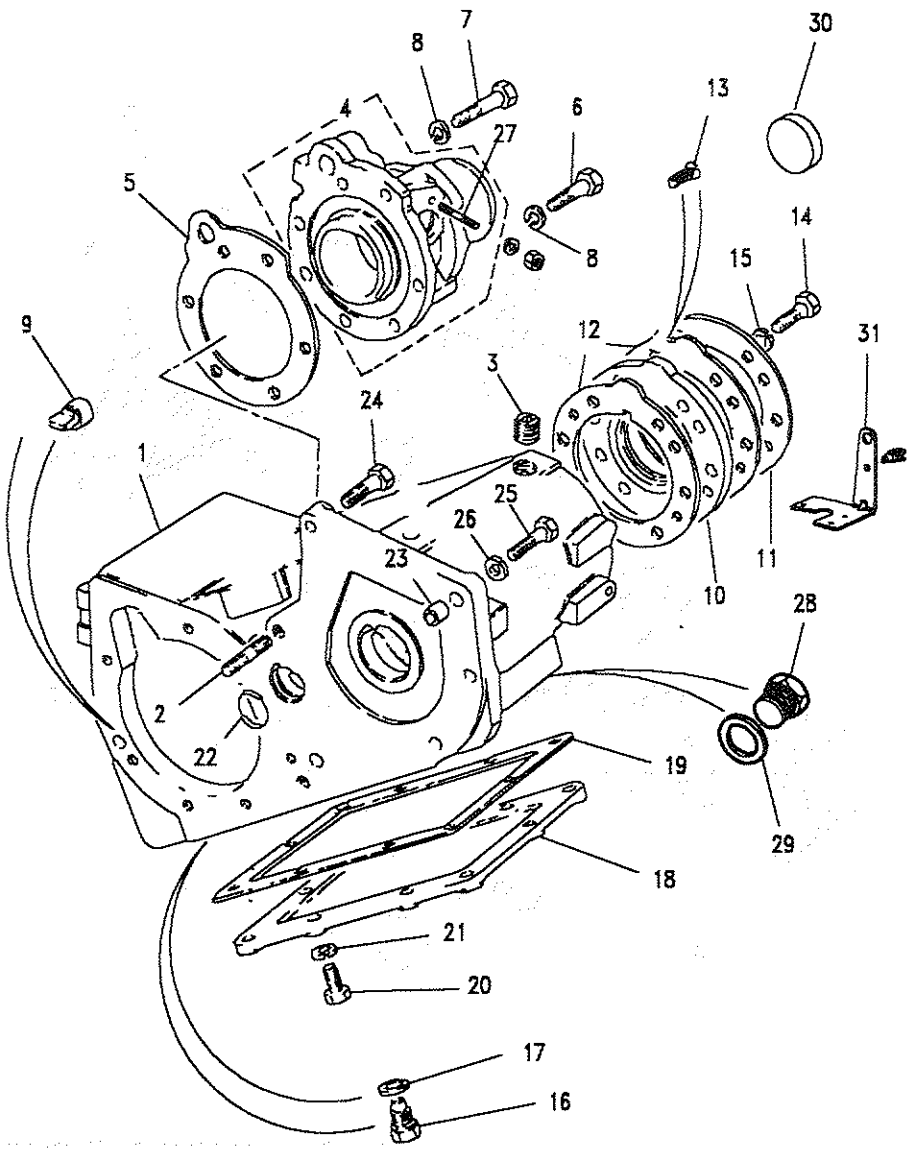



**Model** DEFENDER 90
**Page** ADDBEA1A

**TRANSFER GEARBOX - HOUSING - 4CYL - PREFIX 13D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | FRC4808 | Washer | 1 | Note(1) |
| 19 | FRC5415 | Cover | 1 | |
| 20 | FRC5416 | Gasket | 1 | Note(1) |
| 21 | FS108301L | Bolt | 10 | |
| 22 | WA108051L | Washer joint | 10 | |
| 23 | FRC5419 | O ring | 1 | |
| 24 | FRC2482 | Dowel hollow | 1 | |
| 25 | BH110081L | Bolt | 3 | |
| 26 | BH110091L | Bolt | 1 | |
| 27 | WL110001L | Washer | 6 | |
| 28 | NH110041L | Nut | 2 | |
| 29 | 571134 | Dowel | 1 | |
| 30 | 602146 | Plug | 1 | |

Note(1) Part of gasket kit RTC3890

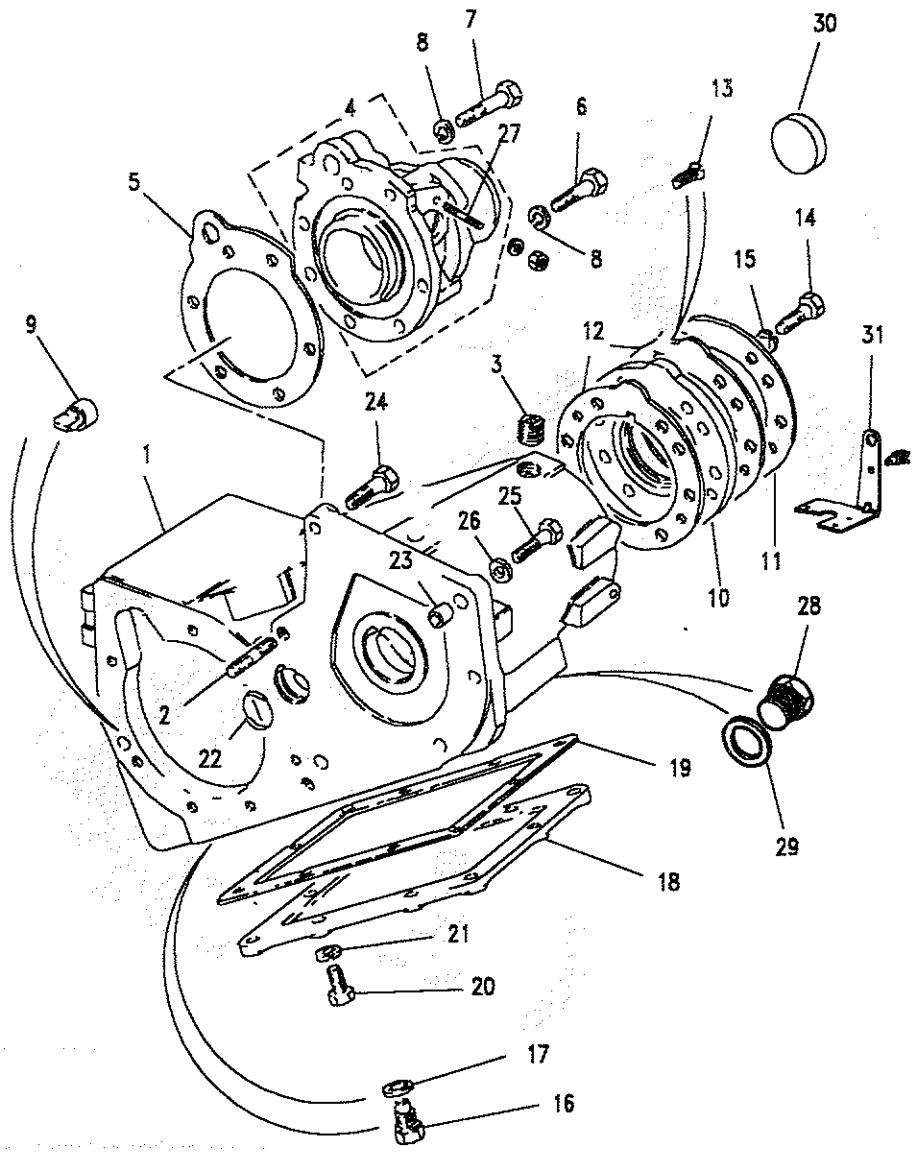



**Model** DEFENDER 90
**Page** ADDBEA2A

**TRANSFER GEARBOX - CASING - 4 CYL/LT77S - PREFIX 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC1748 | Housing transfer assy | 1 | 22D,32D |
| 2 | FRC5595 | Stud | 2 | |
| 3 | 608246 | Plug oil filter | 2 | |
| 4 | FRC7447 | Housing speedo drive | 1 | Upto LA939975 |
| | FTC4187 | Housing speedometer | 1 | From MA939976 |
| 5 | FRC5409 | Gasket (liquid gasket only used) | 1 | Note(1) From MA939976 |
| 6 | SH110301L | Screw | 5 | |
| 7 | BH110091L | Screw | 1 | |
| 8 | WA110061L | Washer | 6 | |
| 9 | FRC5594 | Dowel | 1 | |
| 10 | FRC6943 | Housing | 1 | |
| 11 | FTC2061 | Cover power take off | 1 | |
| | FRC9926 | Shim | 1 | |
| | FRC9963 | Shim | 1 | |
| 12 | FRC5413 | Gasket | 2 | Note(1) |
| 13 | SF108251L | Bolt | 2 | |
| 14 | BX110071L | Bolt | 6 | |
| 15 | WA110061L | Washer | 6 | |
| 16 | 599552 | Plug drain | 1 | |
| 17 | FRC4808 | Washer drain plug | 1 | Note(1) |

Note(1) Part of gasket kit RTC3890

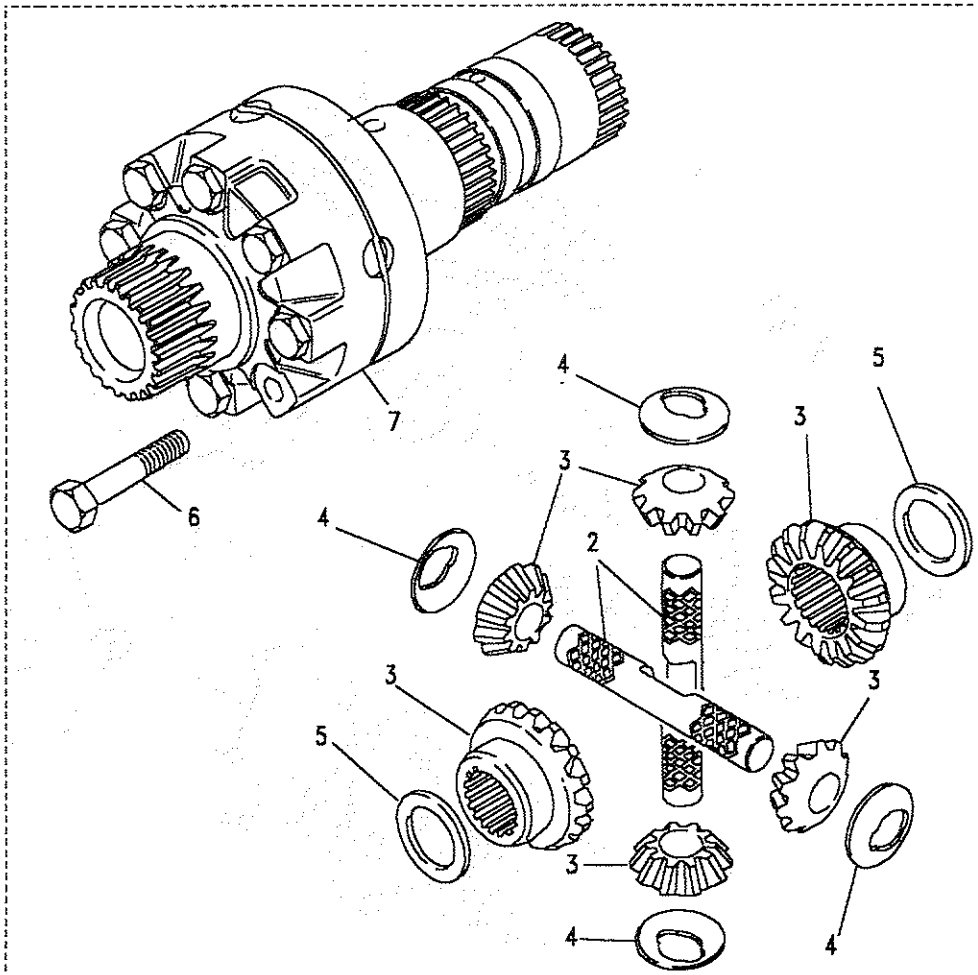



**Model** DEFENDER 90
**Page** ADDBEA2A

**TRANSFER GEARBOX - CASING - 4 CYL/LT77S - PREFIX 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | FRC5415 | Cover bottom | 1 | |
| 19 | FRC5416 | Gasket | 1 | |
| 20 | FS108301L | Bolt | 10 | |
| 21 | WA108051L | Washer | 10 | |
| 22 | FRC8292 | O Ring | 1 | Note(1) |
| 23 | FRC2482 | Dowel hollow | 1 | |
| 24 | BH110081L | Bolt | 3 | |
| 25 | BH110091L | Bolt | 1 | |
| 26 | WL110001L | Washer | 6 | |
| 27 | 571536 | Stud cable retainer | 1 | |
| 28 | SH214141 | Screw M14 | 1 | |
| 29 | 232042 | Joint Washer | 1 | |
| 30 | 602146 | Plug cover power take off | 1 | |
| 31 | ANR3625 | Bracket harness/trans box | 1 | |

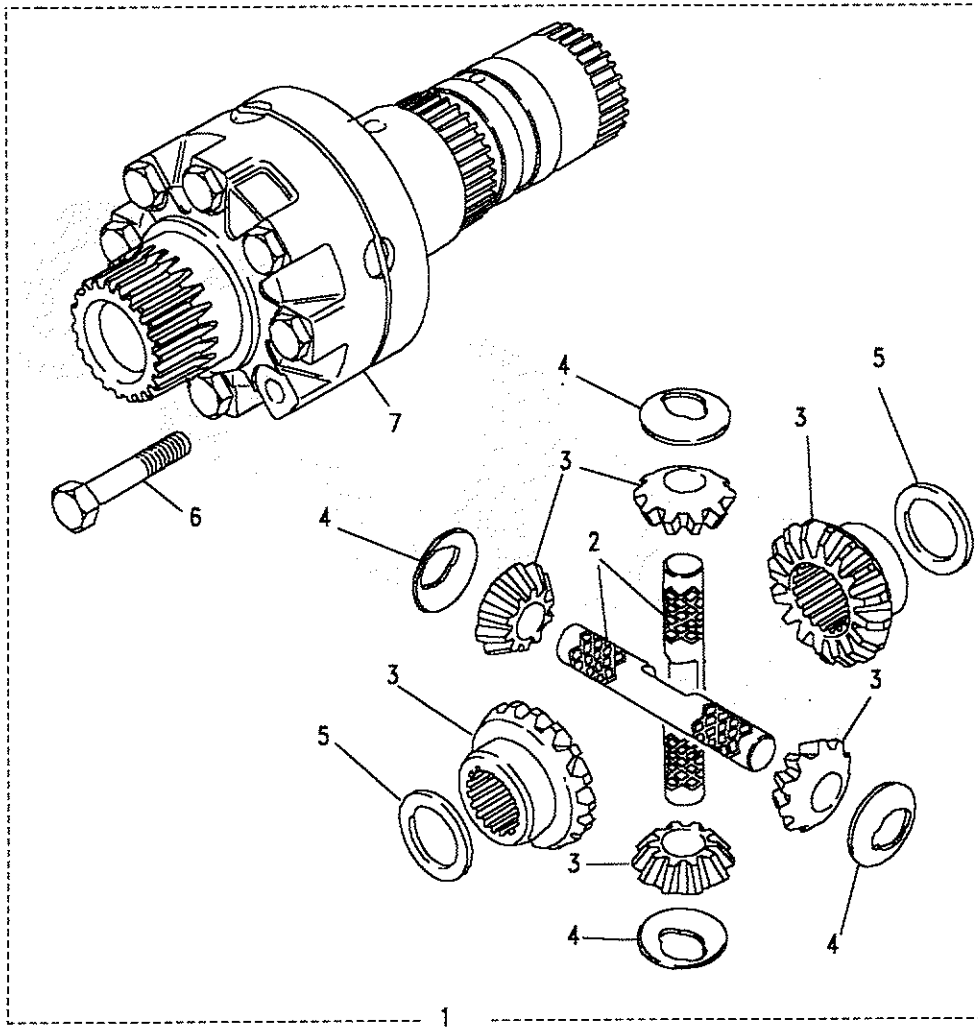
Note(1) Part of gasket kit RTC3890




**Model** DEFENDER 90
**Page** ADDBGA1A

**TRANSFER GEARBOX - DIFFERENTIAL - 4 CYL - PREFIX 13D**

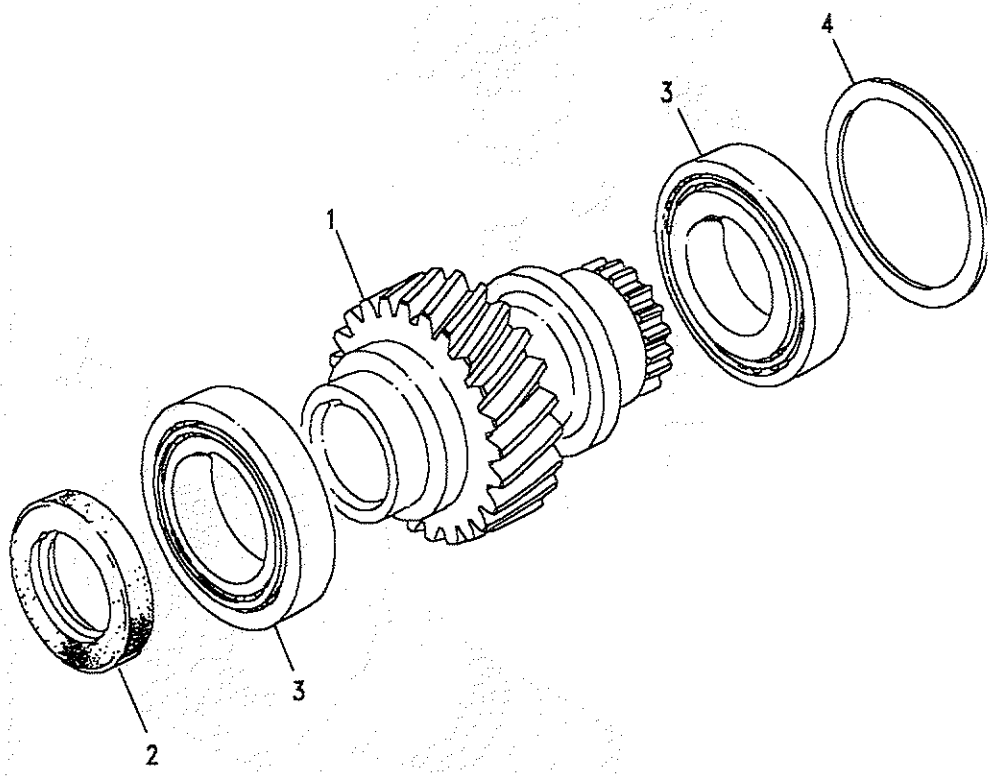
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7569 | Differential assembly | 1 | |
| 2 | RTC3397 | Kit cross shaft | 1 | |
| 3 | RTC4490 | Kit differential gears | 1 | |
| 4 | FRC6968 | Washer thrust | 4 | |
| 5 | FRC6956 | Washer 1.05mm | A/R | |
| | FRC6958 | Washer 1.15mm | A/R | |
| | FRC6960 | Washer 1.25mm | A/R | |
| | FRC9851 | Washer 1.35mm | A/R | |
| | FRC9853 | Washer 1.45mm | A/R | |
| 6 | BH110121L | Bolt | 8 | |
| 7 | FRC7499 | Ring retaining | 1 | |




**Model** DEFENDER 90
**Page** ADDBGA2A

**TRANSFER GEARBOX - DIFFERENTIAL - 4 CYL/LT77S - 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7926 | Differential assembly | 1 | |
| 2 | RTC3397 | Kit cross shaft | 1 | |
| 3 | RTC4490 | Kit differential gears | 1 | |
| 4 | FRC6968 | Washer thrust | 4 | |
| 5 | FRC9845 | Washer thrust | A/R | |
| | FRC9847 | Washer 1.15mm | A/R | |
| | FRC9849 | Washer 1.25mm | A/R | |
| | FRC9851 | Washer 1.35mm | A/R | |
| | FRC9853 | Washer 1.45mm | A/R | |
| 6 | BH110121L | Bolt | 8 | |
| 7 | FRC7499 | Ring retaining | 1 | |

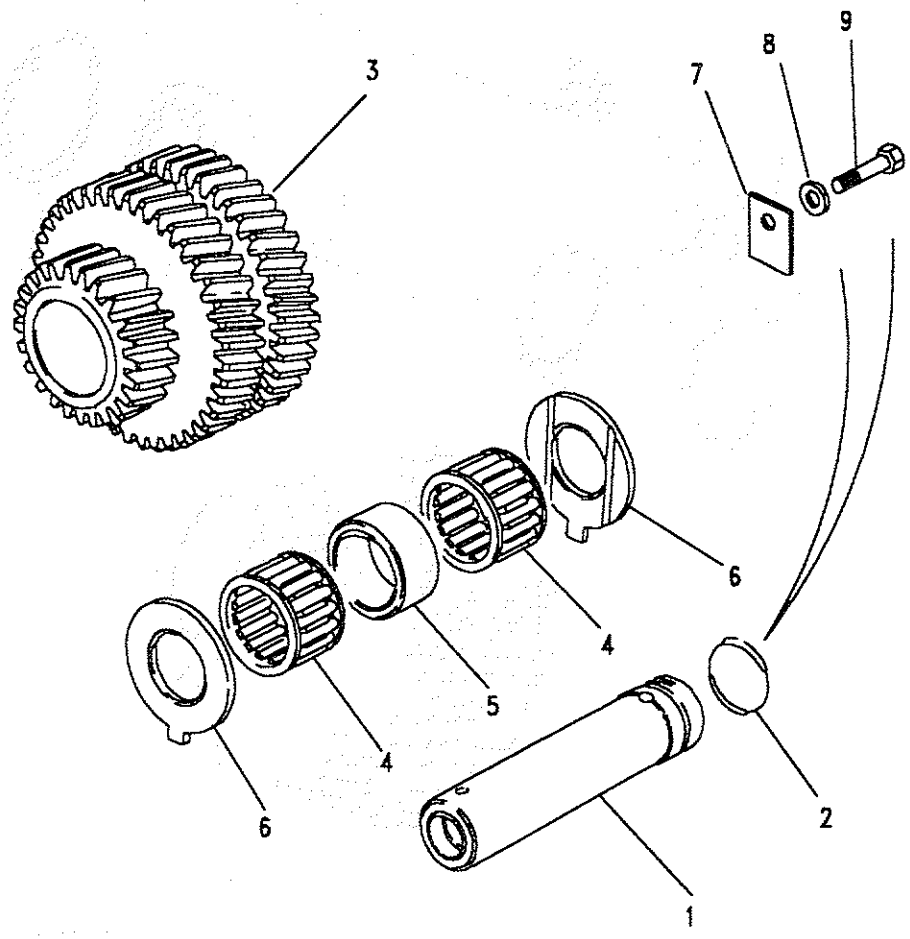



**Model** DEFENDER 90
**Page** ADDBIA1A

## TRANSFER GEARBOX - MAINSHAFT - 4CYL/LT77S

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5428 | Gear mainshaft | 1 | )13D,22D<br>)Suffix B |
| | FRC8917 | Gear mainshaft | 1 | 22D Suffix C |
| | FTC4188 | Gear mainshaft | 1 | Note(1) |
| 2 | FRC2365 | Seal oil | 1 | Note(2) |
| 3 | FRC5564 | Bearing | 2 | |
| 4 | FRC9926 | Shim 3.15 | A/R | |
| | FRC9928 | Shim 3.20 | A/R | |
| | FRC9930 | Shim 3.25 | A/R | |
| | FRC9932 | Shim 3.30 | A/R | |
| | FRC9934 | Shim 3.35 | A/R | |
| | FRC9936 | Shim 3.40 | A/R | |
| | FRC9938 | Shim 3.45 | A/R | |
| | FRC9940 | Shim 3.50 | A/R | |
| | FRC9942 | Shim 3.55 | A/R | |
| | FRC9944 | Shim 3.60 | A/R | |
| | FRC9946 | Shim 3.65 | A/R | |
| | FRC9948 | Shim 3.70 | A/R | |
| | FRC9950 | Shim 3.75 | A/R | |
| | FRC9952 | Shim 3.80 | A/R | |
| | FRC9954 | Shim 3.85 | A/R | |
| | FRC9956 | Shim 3.90 | A/R | |
| | FRC9958 | Shim 3.95 | A/R | |
| | FRC9960 | Shim 4.00 | A/R | |
| | FRC9962 | Shim 4.05 | A/R | |

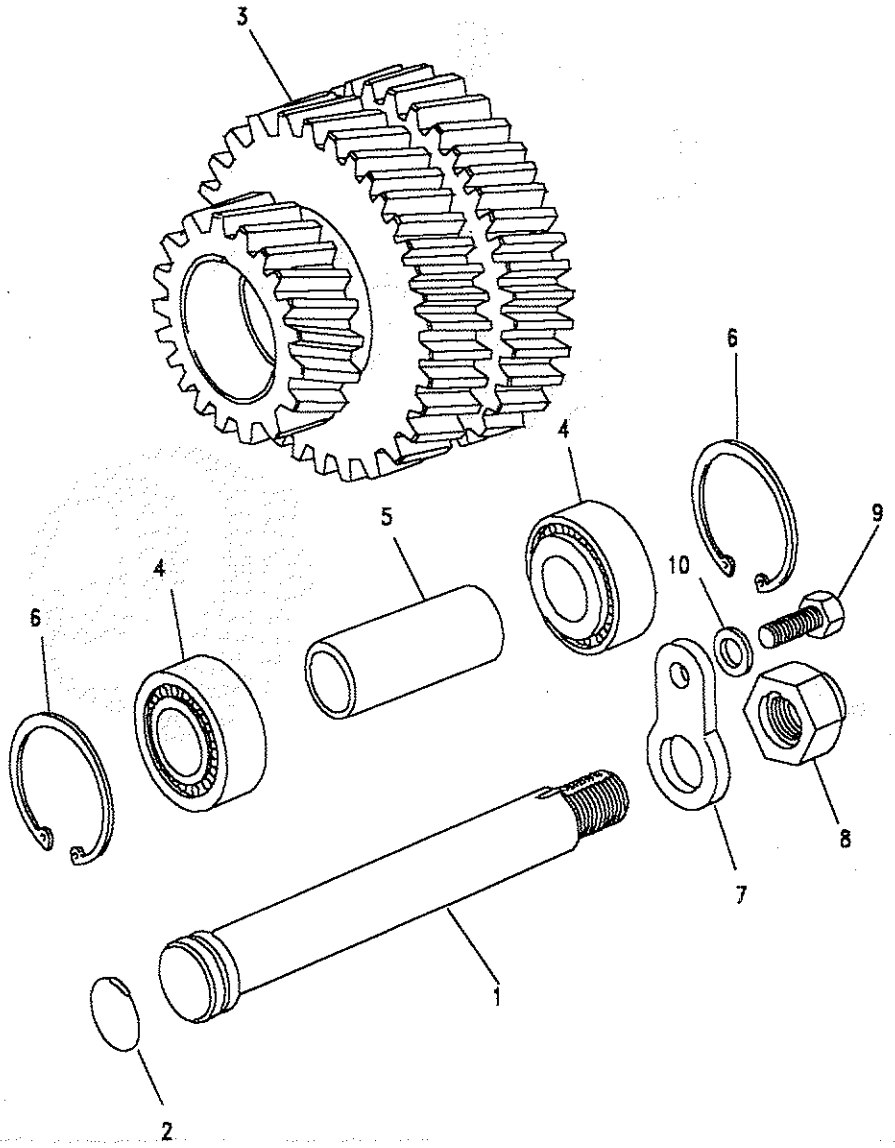
Note(1) From MA939976
Note(2) Part of gasket kit RTC3890




**Model** DEFENDER 90
**Page** ADDBIA2A

**TRANSFER GEARBOX - INTERMEDIATE SHAFT - 4 CYL - PREFIX 13D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5454 | Intermediate shaft | 1 | |
| | FRC3196 | Plug shaft | 2 | |
| 2 | 532323 | O ring | 1 | |
| 3 | FRC5424 | Gear intermediate | 1 | |
| 4 | 594290 | Bearing needle | 2 | |
| 5 | FRC2317 | Spacer | 1 | |
| 6 | FRC6861 | Washer thrust | 2 | |
| 7 | FRC5494 | Plate retaining | 1 | |
| 8 | WA108051L | Washer | 1 | |
| 9 | FS108201L | Bolt | 1 | |

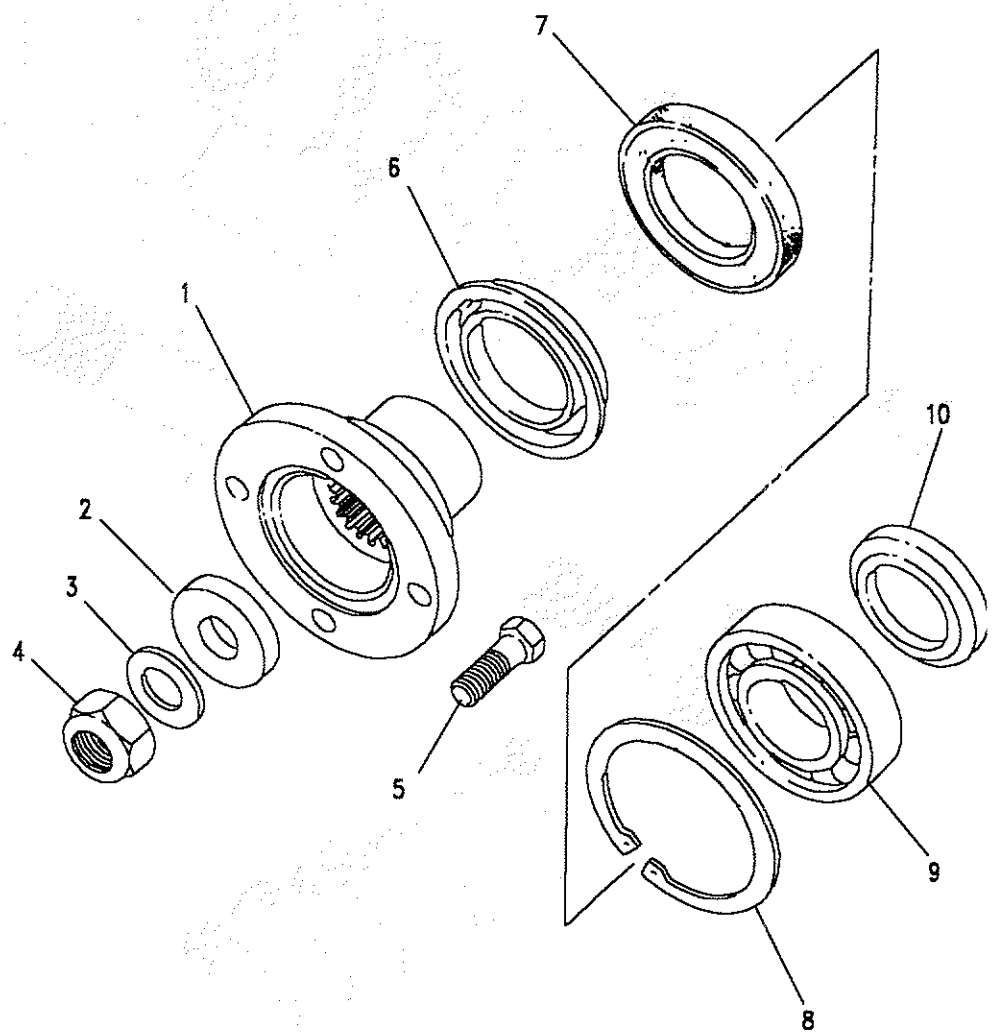



**Model** DEFENDER 90
**Page** ADDBIA3A

**TRANSFER GEARBOX - INTER/SHAFT - 4CYL/LT77S - PREFIX 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC8291 | Intermediate shaft | 1 | |
| 2 | FRC7439 | O ring | 1 | Note(1) |
| 3 | FRC7884 | Gear intermediate | 1 | 22DSuffix B |
| | FRC9460 | Gear intermediate | 1 | 22D Suffix C |
| | FRC9552 | Gear intermediate | 1 | 32D Note(2) |
| | FTC4190 | Gear intermediate | 1 | Note(3) |
| | FRC8292 | O ring | 2 | 32D |
| 4 | FRC7810 | Bearing | 2 | |
| 5 | FRC7437 | Spacer collapsible | 1 | |
| 6 | FRC7454 | Circlip | 2 | |
| 7 | FRC7452 | Plate anti rotation | 1 | |
| 8 | FRC7453 | Nut | 1 | |
| 9 | FS108201L | Screw | 1 | |
| 10 | WA108051L | Washer | 1 | |

Note(1) Part of gasket kit RTC3890
Note(2) Up to LA939975
Note(3) From MA939976

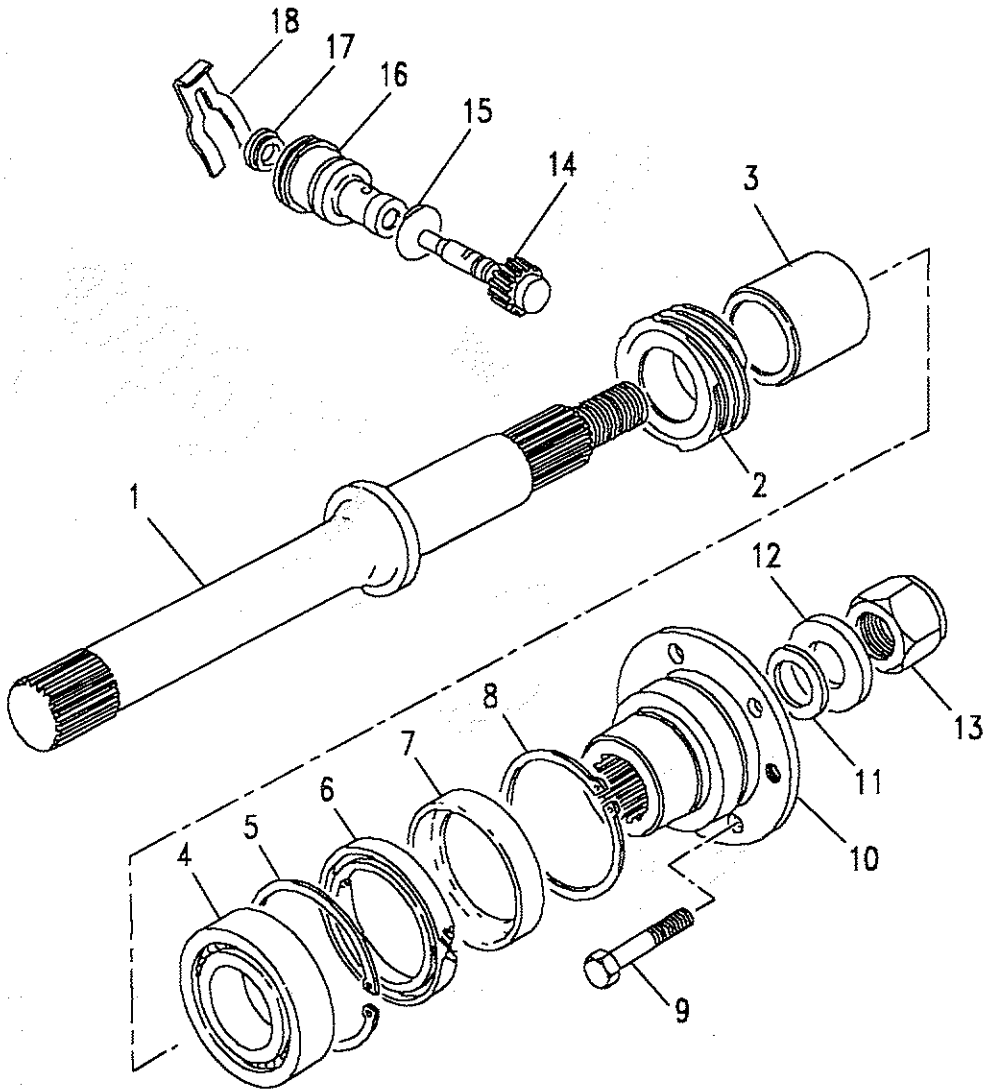



**Model** DEFENDER 90
**Page** ADDBIA4A

**TRANSFER GEARBOX - FRONT FLANGE - 4 CYL/LT77S**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5442 | Flange output front | 1 | |
| 2 | FRC2464 | Washer sealing | 2 | Note(1) |
| 3 | 571468 | Washer | 1 | |
| 4 | NY120041L | Nut | 1 | |
| 5 | BT606101L | Bolt | 4 | |
| 6 | FRC6121 | Mudshield | 1 | |
| 7 | FRC7043 | Seal oil | 2 | Note(1) |
| 8 | 216962 | Circlip | 1 | |
| 9 | STC1130 | Bearing | 1 | |
| 10 | FRC5439 | Spacer | 1 | |

Note(1) Part of gasket kit RTC3890

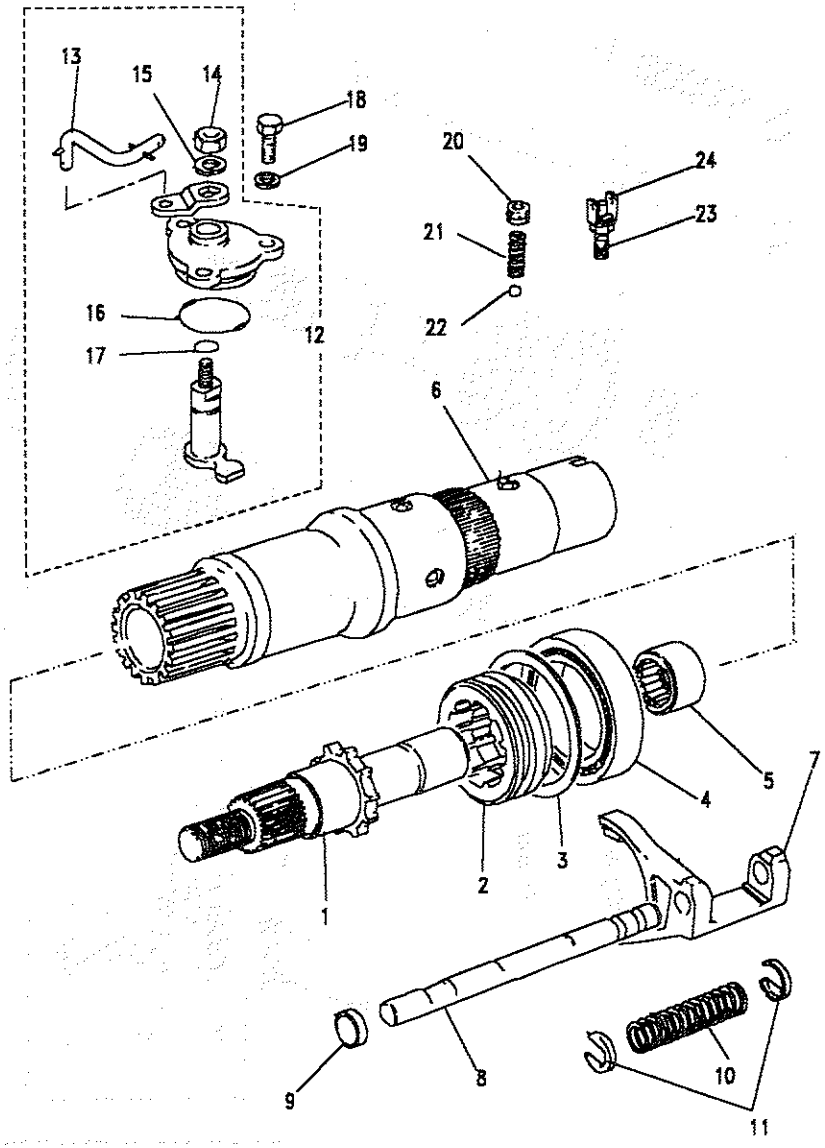



**Model** DEFENDER 90
**Page** ADDBIA5A

**TRANSFER GEARBOX - REAR FLANGE - 4 CYL/LT77S**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5450 | Shaft rear output | 1 | |
| 2 | FRC3162 | Worm speedo | 1 | |
| 3 | FRC5446 | Spacer | 1 | |
| 4 | STC1130 | Bearing | 1 | |
| 5 | 216962 | Circlip | 1 | |
| 6 | FRC7043 | Seal oil | 1 | Note(1) |
| 7 | 571970 | Oil Shield | 1 | |
| 8 | 571682 | Circlip | 1 | |
| 9 | FRC3602 | Bolt | 1 | |
| 10 | FRC5438 | Flange output rear | 1 | |
| 11 | FRC2464 | Washer sealing | 1 | Note(1) |
| 12 | 571468 | Washer | 1 | |
| 13 | NY120041L | Nut | 1 | |
| 14 | FRC3310 | Gear speedo drive | 1 | Note(2) |
| | FRC3312 | Gear driven speedometer | 1 | Note(3) |
| | FRC3313 | Gear speedo drive | 1 | 32D |
| 15 | 571665 | O ring | 1 | Note(1) |
| 16 | FRC3286 | Housing | 1 | |
| 17 | AAU2304 | Seal oil | 1 | Note(1) |
| 18 | 533765 | Plate retaining | 1 | |

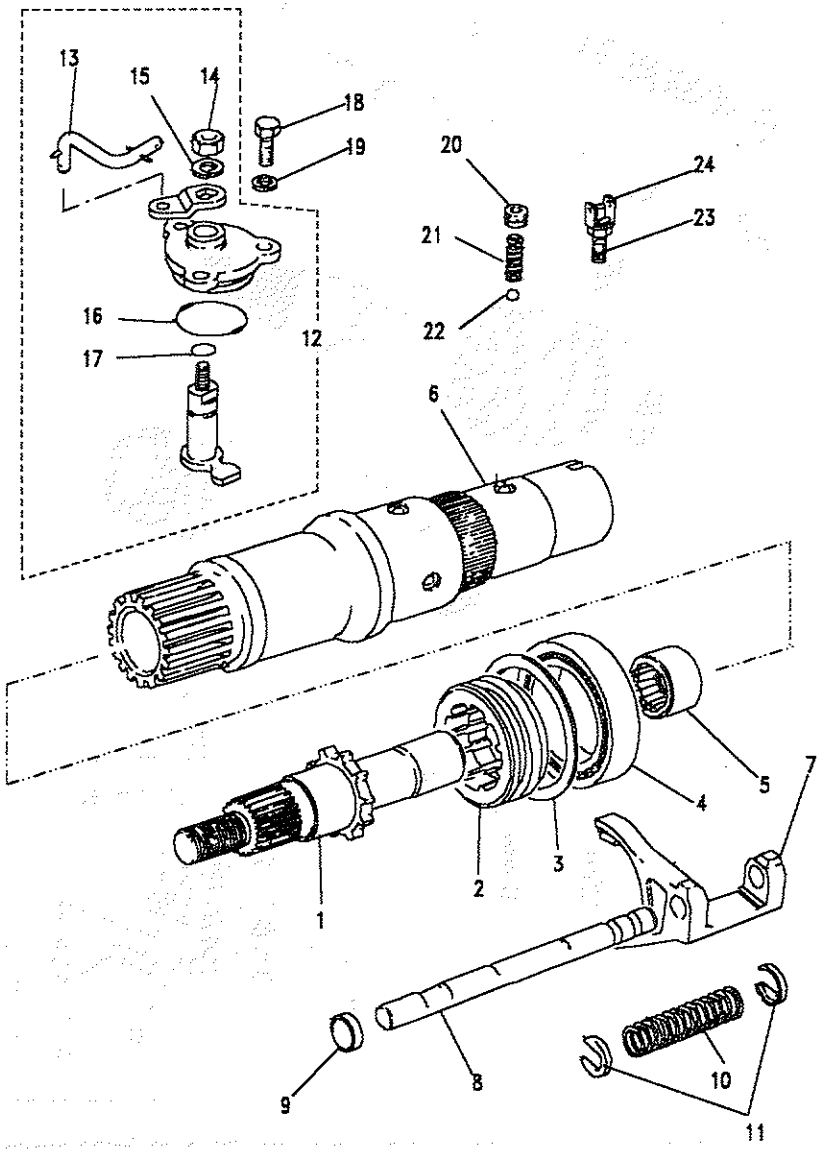
Note(1) Part of gasket kit RTC3890
Note(2) Vehicles fitted with 750x16 tyres (20 teeth BLUE)
Note(3) Vehicles fitted with 205x16 tyres (22 teeth YELLOW)




**Model** DEFENDER 90
**Page** ADDBIA6A

**TRANSFER GEARBOX - FRONT OUTPUT SHAFT - 4 CYL - PREFIX 13D**

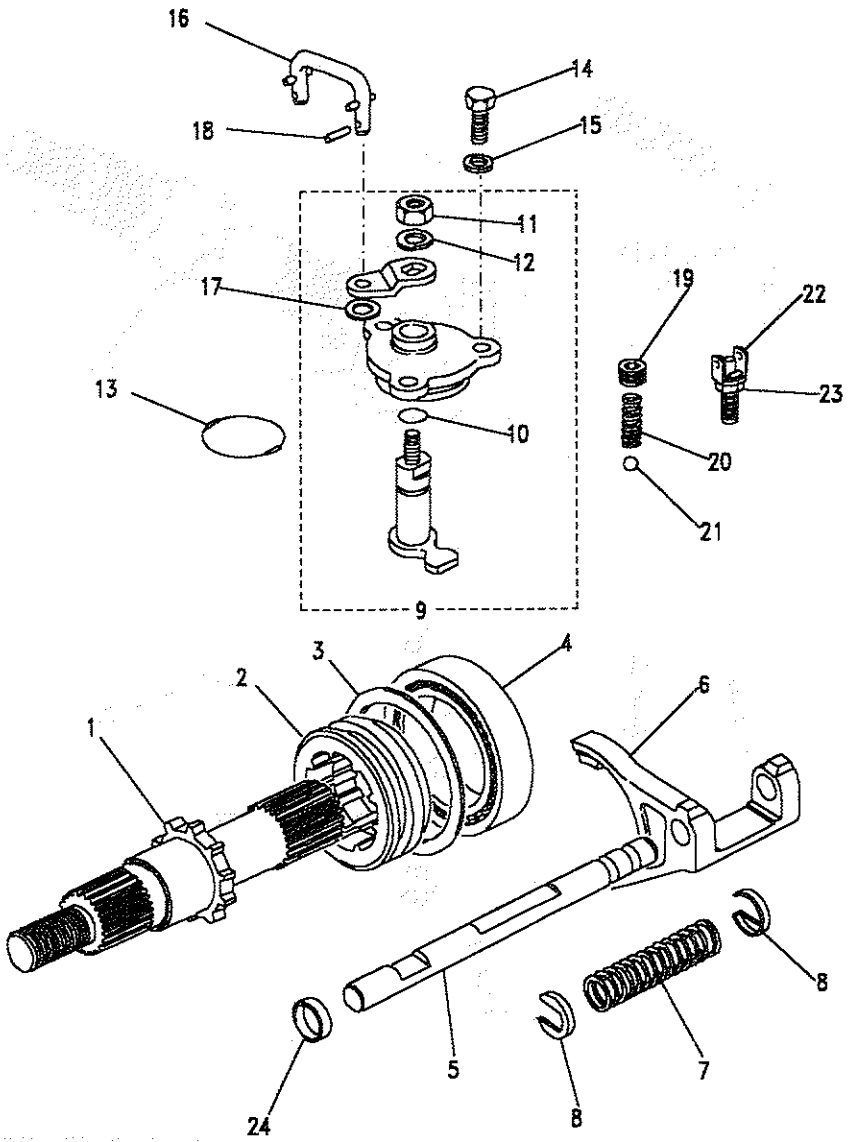
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5449 | Shaft output front | 1 | |
| 2 | FRC5440 | Dog clutch diff lock | 1 | |
| 3 | | SELECTIVE SHIMS | | |
| | FTC726 | Shim 2.00mm | 1 | |
| | FTC728 | Shim 2.05mm | 1 | |
| | FTC730 | Shim 2.10mm | 1 | |
| | FTC732 | Shim 2.15mm | 1 | |
| | FTC734 | Shim 2.20mm | 1 | |
| | FTC736 | Shim 2.25mm | 1 | |
| | FTC738 | Shim 2.30mm | 1 | |
| | FTC740 | Shim 2.35mm | 1 | |
| | FTC742 | Shim 2.40mm | 1 | |
| | FTC744 | Shim 2.45mm | 1 | |
| | FTC746 | Shim 2.50mm | 1 | |
| | FTC748 | Shim 2.55mm | 1 | |
| | FTC750 | Shim 2.60mm | 1 | |
| | FTC752 | Shim 2.65mm | 1 | |
| | FTC754 | Shim 2.70mm | 1 | |
| | FTC756 | Shim 2.75mm | 1 | |
| | FTC758 | Shim 2.80mm | 1 | |
| | FTC760 | Shim 2.85mm | 1 | |
| | FTC762 | Shim 2.90mm | 1 | |
| | FTC764 | Shim 2.94mm | 1 | |
| | FTC766 | Shim 3.00mm | 1 | |
| | FTC768 | Shim 3.05mm | 1 | |
| | FTC770 | Shim 3.10mm | 1 | |
| | FTC772 | Shim 3.15mm | 1 | |
| | FTC774 | Shim 3.20mm | 1 | |
| | FTC776 | Shim 3.25mm | 1 | |




**Model** DEFENDER 90
**Page** ADDBIA6A

**TRANSFER GEARBOX - FRONT OUTPUT SHAFT - 4 CYL - PREFIX 13D**

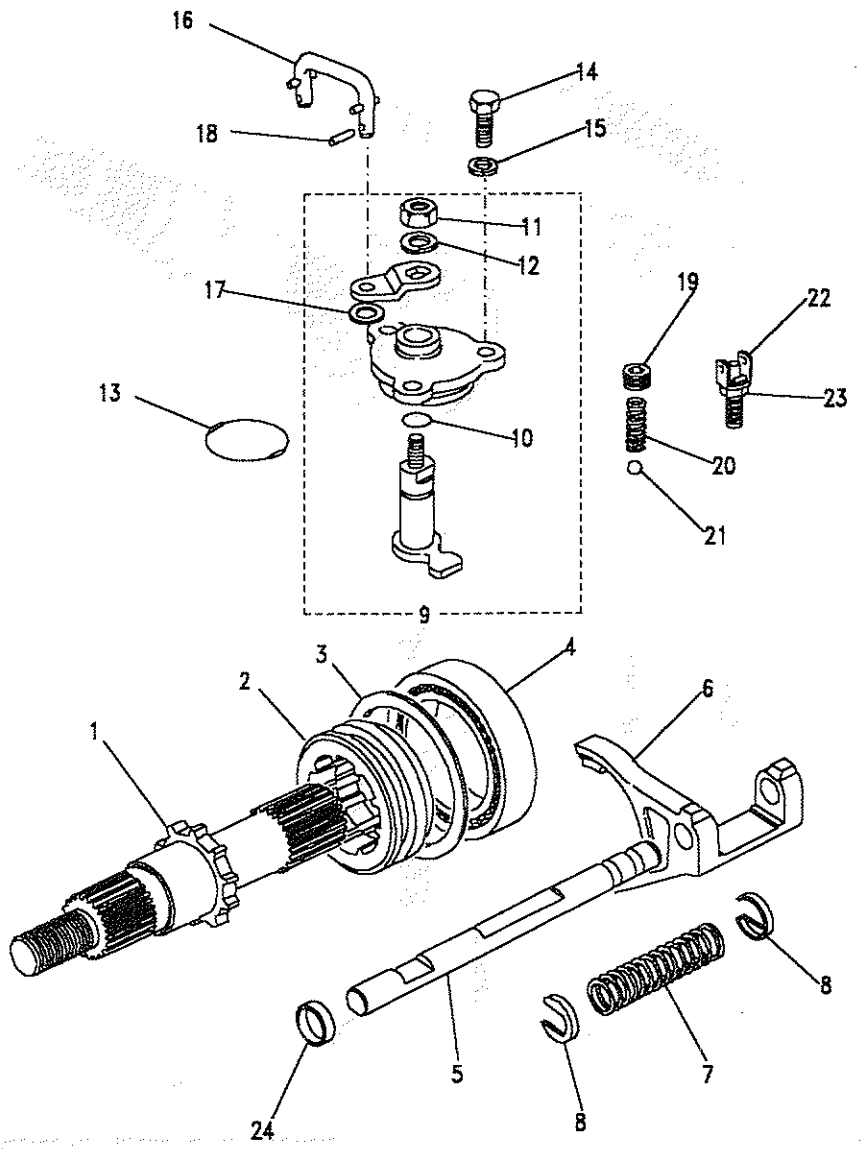
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 4 | FRC7871 | Bearing taper | 1 | |
| 5 | FRC5498 | Bearing roller | 1 | |
| 6 | FRC6069 | Shaft main drive | 1 | |
| 7 | FRC6109 | Fork selector | 1 | |
| 8 | FRC6030 | Shaft selector | 1 | |
| 9 | FRC6110 | Plug | 1 | |
| 10 | FRC5468 | Spring diff lock | 1 | |
| 11 | FRC5469 | Clip | 2 | |
| 12 | FRC7686 | Selector assembly | 1 | |
| 13 | FRC7652 | Link | 1 | |
| 14 | NY108051L | Nut | 1 | |
| 15 | WA108051L | Washer spring | 1 | |
| 16 | FRC5473 | O ring | 1 | |
| 17 | FRC5576 | O ring | 1 | |
| 18 | SH108251L | Bolt M8x25 | 3 | |
| | FS108251ML | Bolt M8x25 flanged | 3 | |
| 19 | WA108051L | Washer spring | 3 | |
| 20 | SU112101L | Plug detent | 1 | |
| 21 | FRC5562 | Spring detent | 1 | |
| 22 | 571146 | Ball detent | 1 | |
| 23 | PRC2911 | Switch diff lock | 1 | |
| 24 | NT110041L | Locknut | 1 | |




**Model** DEFENDER 90
**Page** ADDBIA7A

**TRANSFER GEARBOX - FRONT OUTPUT SHAFT - 4 CYL/LT77S 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5449 | Shaft output front | 1 | |
| 2 | FRC5440 | Dog clutch diff lock | 1 | |
| 3 | | SELECTIVE SHIMS | | |
| | FTC726 | Shim 2.00mm | 1 | |
| | FTC728 | Shim 2.05mm | 1 | |
| | FTC730 | Shim 2.10mm | 1 | |
| | FTC732 | Shim 2.15mm | 1 | |
| | FTC734 | Shim 2.20mm | 1 | |
| | FTC736 | Shim 2.25mm | 1 | |
| | FTC738 | Shim 2.30mm | 1 | |
| | FTC740 | Shim 2.35mm | 1 | |
| | FTC742 | Shim 2.40mm | 1 | |
| | FTC744 | Shim 2.45mm | 1 | |
| | FTC746 | Shim 2.50mm | 1 | |
| | FTC748 | Shim 2.55mm | 1 | |
| | FTC750 | Shim 2.60mm | 1 | |
| | FTC752 | Shim 2.65mm | 1 | |
| | FTC754 | Shim 2.70mm | 1 | |
| | FTC756 | Shim 2.75mm | 1 | |
| | FTC758 | Shim 2.80mm | 1 | |
| | FTC760 | Shim 2.85mm | 1 | |
| | FTC762 | Shim 2.90mm | 1 | |
| | FTC764 | Shim 2.95mm | 1 | |
| | FTC766 | Shim 3.00mm | 1 | |
| | FTC768 | Shim 3.05mm | 1 | |
| | FTC770 | Shim 3.10mm | 1 | |
| | FTC772 | Shim 3.15mm | 1 | |
| | FTC774 | Shim 3.20mm | 1 | |
| | FTC776 | Shim 3.25mm | 1 | |

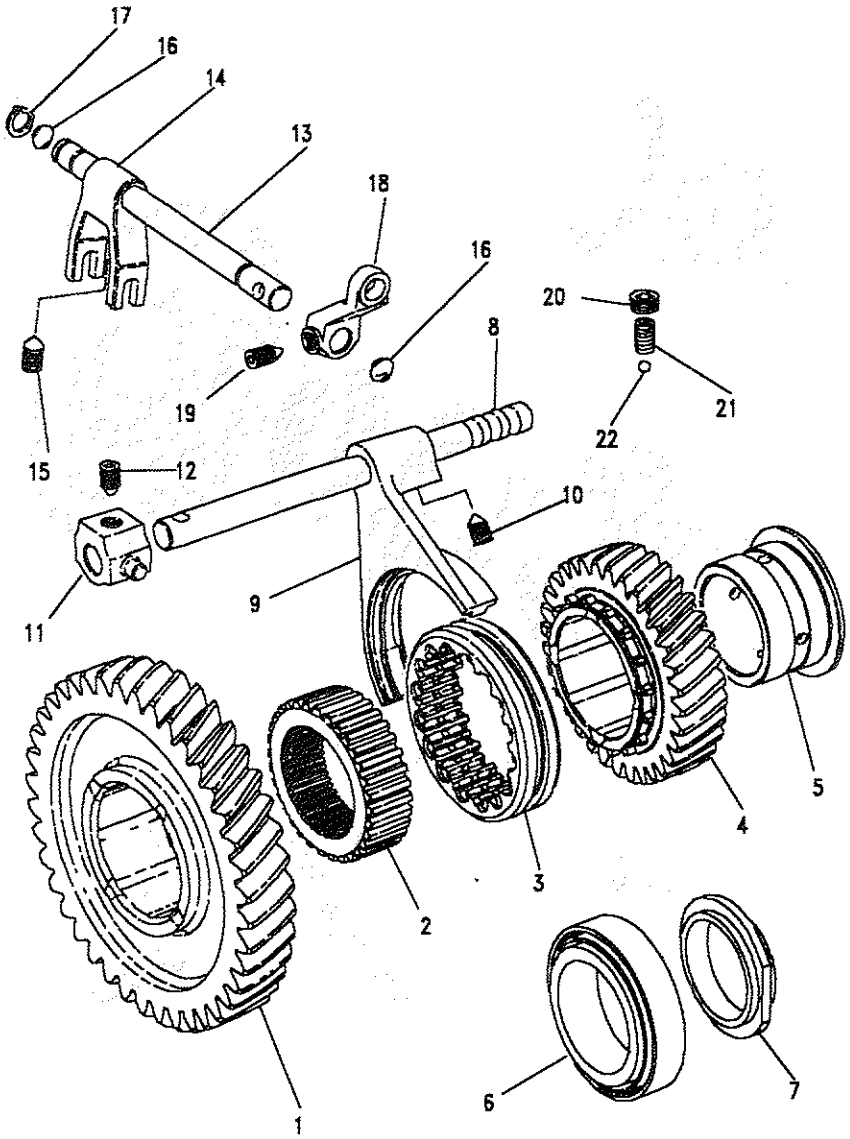



**Model** DEFENDER 90
**Page** ADDBIA7A

## TRANSFER GEARBOX - FRONT OUTPUT SHAFT - 4 CYL/LT77S 22D,32D

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 4 | FRC7871 | Bearing taper | 1 | |
| 5 | FRC6030 | Shaft selector | 1 | |
| 6 | FRC6109 | Fork Selector | 1 | |
| 7 | FRC5468 | Spring | 1 | |
| 8 | FRC5469 | Clip | 2 | |
| 9 | FRC8041 | Housing assembly | 1 | |
| 10 | FRC5576 | O ring | 1 | |
| 11 | NY108041L | Nut | 1 | |
| 12 | WA108051L | Washer | 1 | |
| 13 | FRC5473 | O ring | 1 | |
| 14 | SH108251L | Screw | 3 | |
| 15 | WA108051L | Washer | 3 | |
| 16 | FRC7948 | Link assembly | 1 | Note(1) |
| | FRC8544 | Link assembly | 1 | Note(3) |
| | FTC3698 | Link connecting | 1 | Note(2) |
| 17 | WA106041L | Washer | 2 | |
| 18 | PS103121L | Pin split | 2 | |
| | FTC3674 | Clip retaining | 2 | Note(2) |
| 19 | SU112101L | Plug detent | 1 | |
| | SU112101M | Plug detent | 1 | Note(4) |
| 20 | FRC5562 | Spring detent | 1 | |
| 21 | 571146 | Ball detent | 1 | |
| 22 | PRC2911 | Switch diff lock | 1 | |
| 23 | NT110041L | Nut locking | 1 | |
| 24 | FRC6110 | Plug | 1 | |

Note(1) Early type connecting link (Dog Legged Shape)
Note(2) From 28D274898E (spring clip retainer)
Note(3) Up to 28D274897E (split pin retainer)
Note(4) From 28D274402E (patchlock)

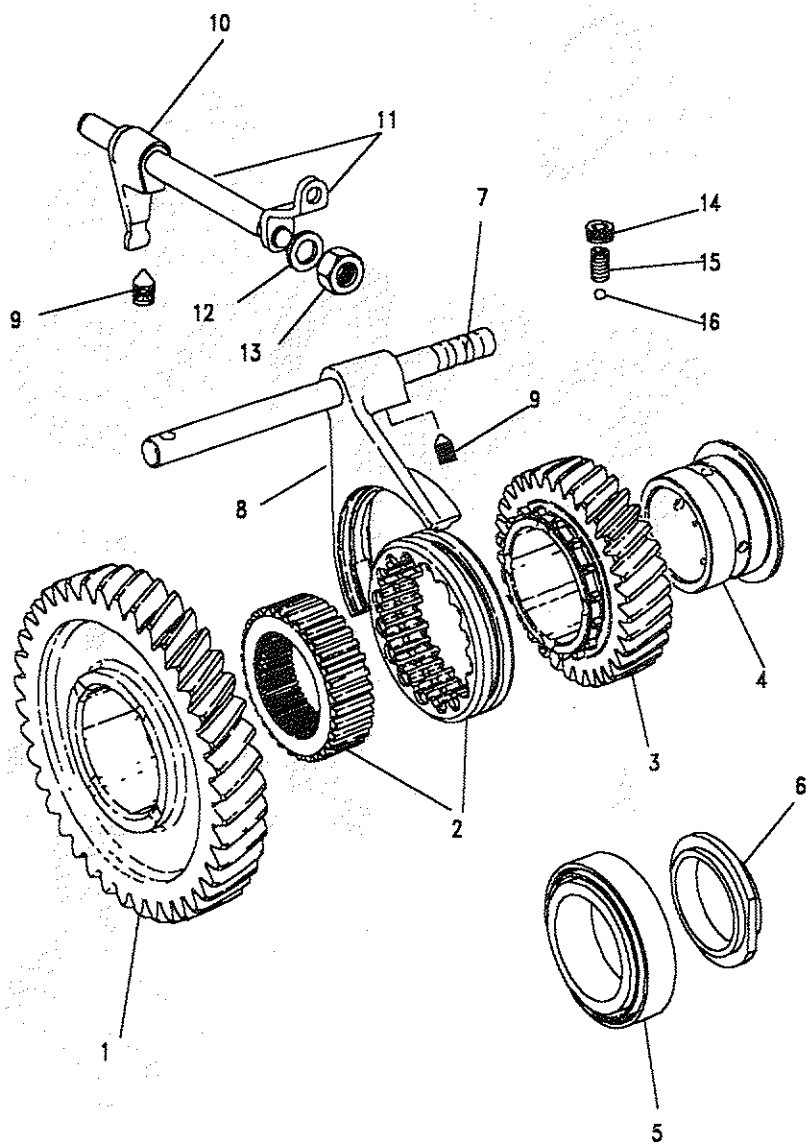



**Model** DEFENDER 90
**Page** ADDBKA1A

**TRANSFER GEARBOX - HIGH/LOW - 4 CYL - PREFIX 13D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5435 | Gear output LOW | 1 | |
| 2 | FRC5681 | Hub | 1 | |
| 3 | FRC7326 | Sleeve | 1 | |
| 4 | FRC5425 | Gear output HIGH | 1 | |
| 5 | FRC5436 | Bush | 1 | |
| 6 | 606474 | Bearing | 1 | |
| 7 | FRC6098 | Nut | 1 | |
| 8 | FRC5459 | Shaft selector | 1 | |
| 9 | FTC2859 | Fork selector | 1 | |
| 10 | FRC7018 | Screw | 1 | |
| 11 | FRC5460 | Yoke | 1 | |
| 12 | FRC7018 | Screw | 1 | |
| 13 | FRC7021 | Shaft | 1 | |
| 14 | FRC5461 | Fork-Selector-Cross Shaft | 1 | |
| 15 | FRC7018 | Grub Screw | 1 | |
| 16 | FRC5575 | 'O' Ring | 2 | Note(1) |
| 17 | CR120125L | Circlip | 1 | |
| 18 | FRC5465 | Operating Arm | 1 | |
| 19 | FRC7018 | Screw-Operating Arm | 1 | |
| 20 | SU112101L | Plug-Detent | 1 | |
| 21 | FRC5562 | Spring Detent | 1 | |
| 22 | 571146 | Ball Detent | 1 | |

Note(1) Part of gasket kit RTC3890

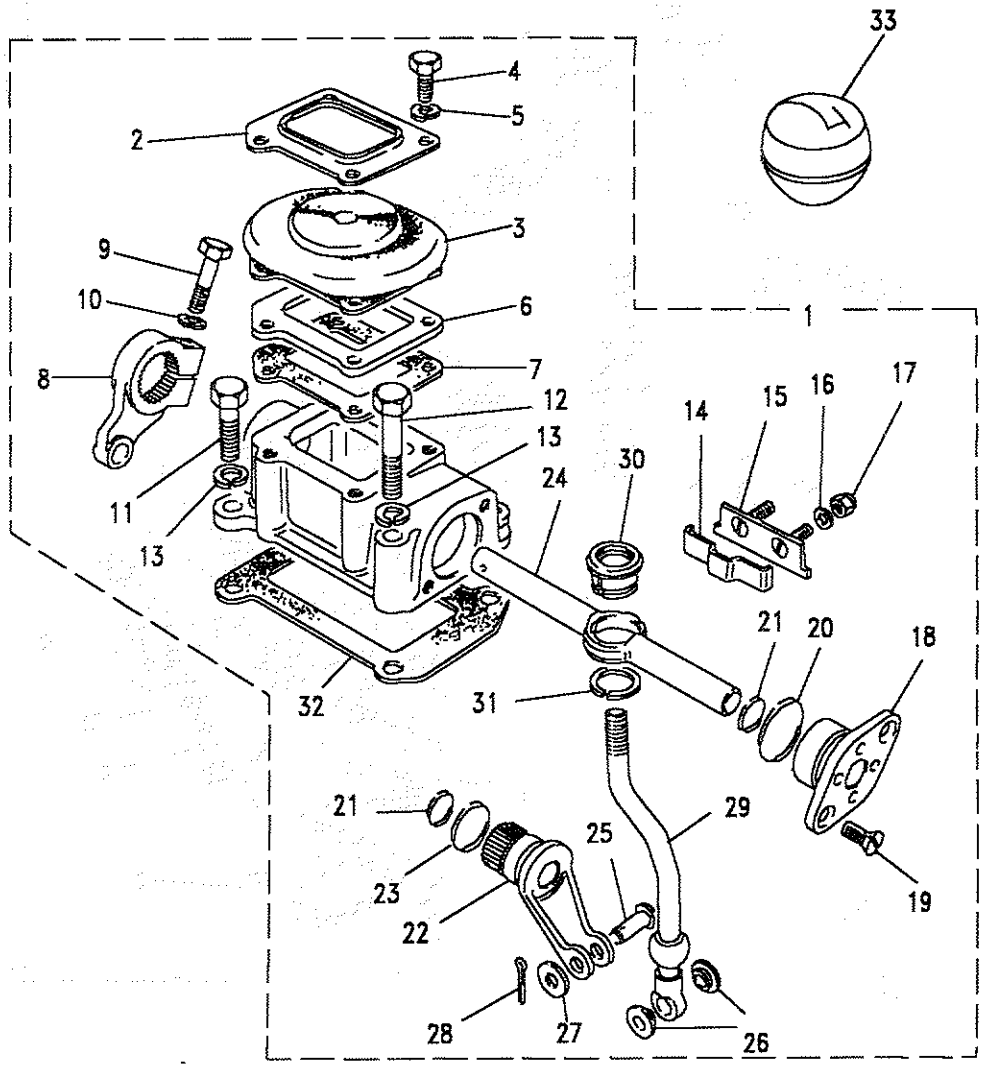



**Model** DEFENDER 90
**Page** ADDBKA2A

**TRANSFER GEARBOX - HIGH/LOW - 4 CYL/LT77S 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7434 | Gear output LOW | 1 | 22D-to suf D |
| | FTC1084 | Gear output LOW | 1 | 22D-suf E on |
| | FTC1084 | Gear output LOW | 1 | 32D |
| 2 | RTC4373 | Hub assembly high/low | 1 | 22D-to suf D |
| | FTC382 | Hub assembly high/low | 1 | 22D-suf E on |
| | FTC382 | Hub assembly high/low | 1 | 32D |
| 3 | FRC7885 | Gear output HIGH | 1 | 22D-to suf D |
| | FTC1741 | Gear output HIGH | 1 | 22D-suf E on |
| | FTC1085 | Gear output HIGH | 1 | 32D Note(1) |
| | FTC4189 | Gear output HIGH | 1 | Note(2) |
| 4 | FRC7441 | Bush | 1 | |
| 5 | 606474 | Bearing | 1 | |
| 6 | FRC7970 | Nut bearing retainer | 1 | |
| 7 | FRC9513 | Shaft selector | 1 | |
| 8 | FTC2859 | Fork selector | 1 | |
| 9 | FRC7018 | Screw | 1 | |
| 10 | FRC7929 | Selector | 1 | |
| 11 | FRC8900 | Arm operating | 1 | |
| 12 | WA108051L | Washer | 1 | |
| 13 | NY108041L | Nut | 1 | |
| 14 | SU112101L | Plug detent | 1 | )Suffix B |
| | SU112101M | Plug detent patchlock | 1 | From 28D274402E |
| 15 | FRC5562 | Spring detent | 1 | ) |
| 14 | FRC9549 | Plug detent | 1 | )Suffix C |
| 15 | FRC9546 | Spring detent | 1 | ) |
| 16 | 571146 | Ball detent | 1 | |

Note(1) Up to LA939975
Note(2) From MA939976

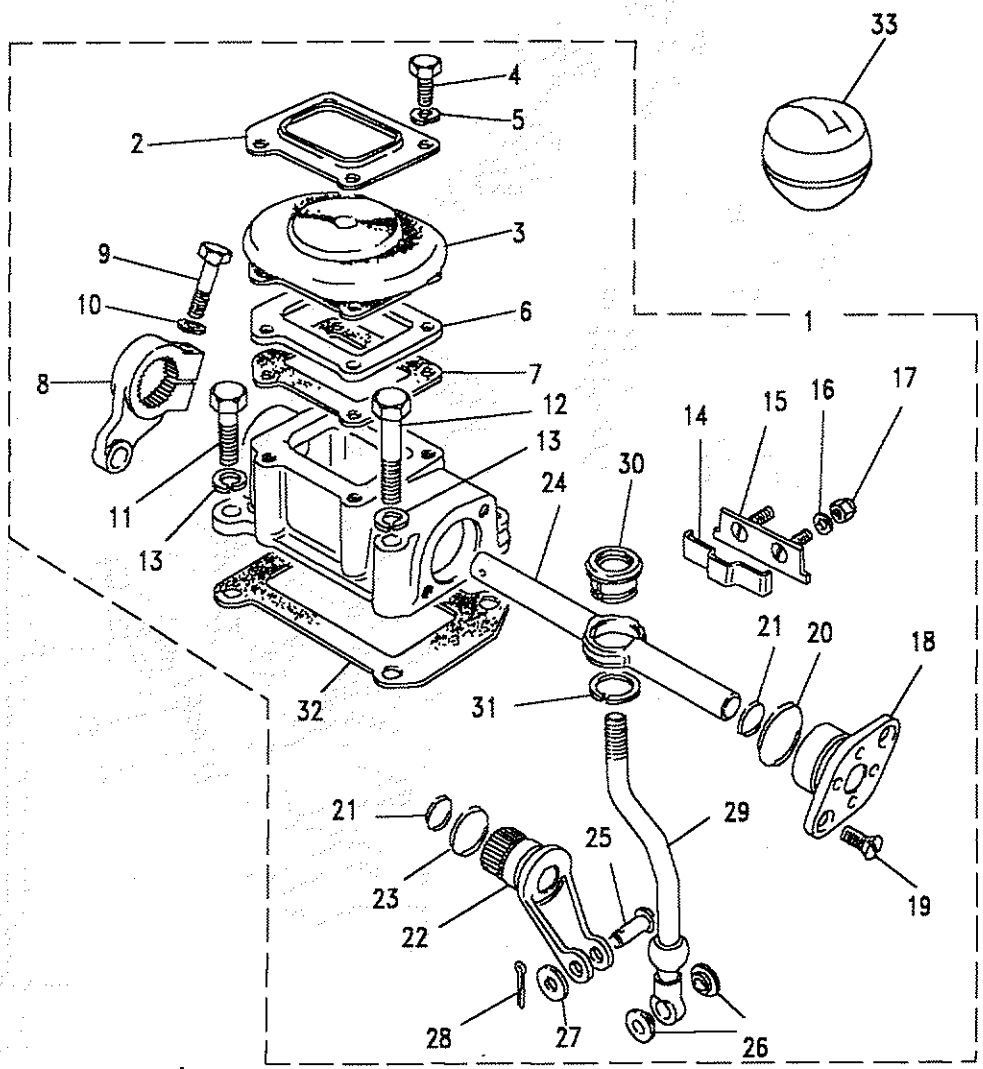



**Model** DEFENDER 90
**Page** ADDBMA1A

**TRANSFER GEARBOX - GEAR CHANGE - 4 CYL - PREFIX 13D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7941 | Gear change assembly | 1 | |
| 2 | FRC6873 | Plate | 1 | |
| 3 | FRC6872 | Grommet | 1 | |
| 4 | FS106201L | Screw | 4 | |
| 5 | WA108051L | Washer | 4 | |
| 6 | FRC5482 | Gate plate | 1 | |
| | FRC7944 | Gate plate | 1 | Note(1) |
| 7 | FTC4037 | Gasket asb free | 1 | |
| 8 | FRC5478 | Arm operating | 1 | |
| 9 | BH106051L | Bolt | 1 | |
| 10 | WL106001L | Washer | 1 | |
| 11 | SH108251L | Bolt | 2 | |
| 12 | BH108111L | Bolt | 2 | |
| 13 | WL108001L | Washer | 4 | |
| 14 | RTC1956 | Spring detent | 1 | |
| 15 | FRC6125 | Retainer spring | 1 | |
| 16 | WA105001L | Washer | 2 | |
| 17 | NY105041L | Nut | 2 | |
| 18 | FRC5574 | Cover end | 1 | |

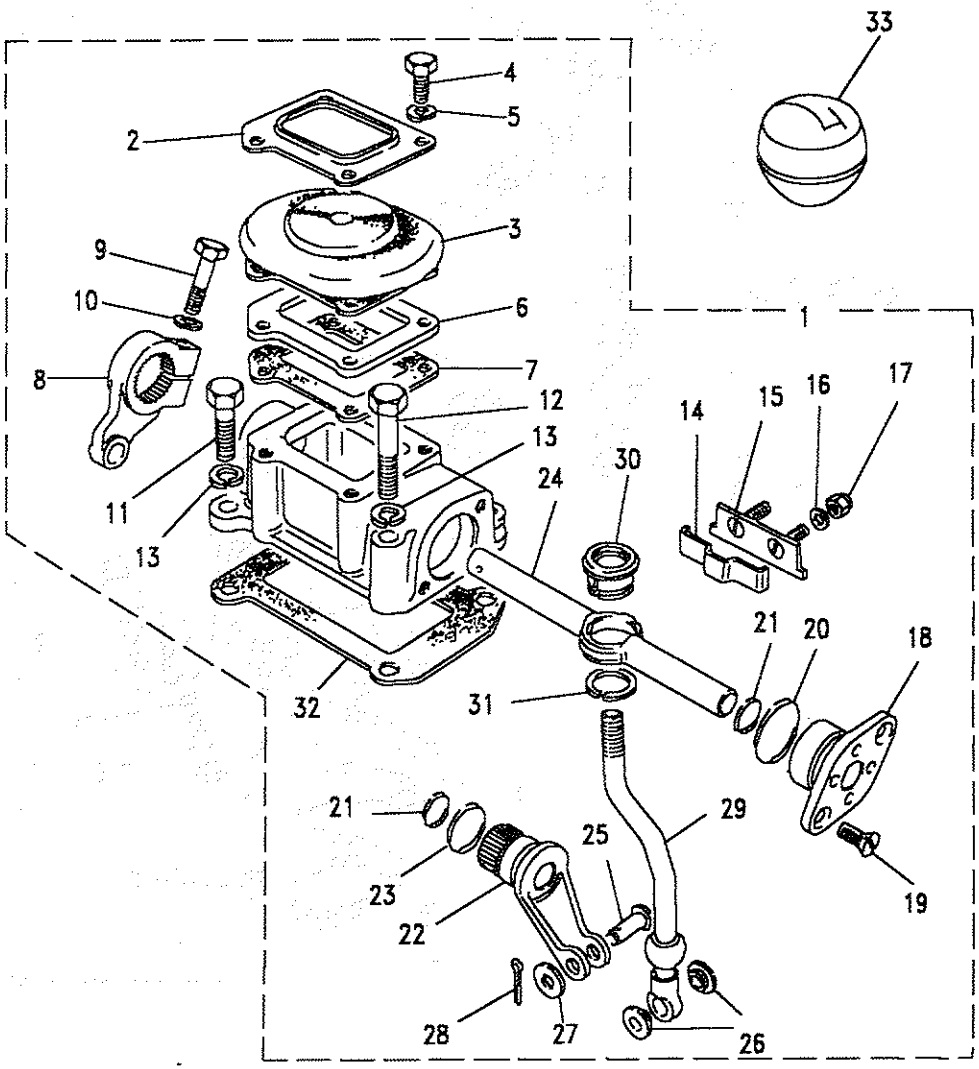
Note(1) FRC7944 gate plate is required when converting LT230R to LT230T




**Model** DEFENDER 90
**Page** ADDBMA1A

**TRANSFER GEARBOX - GEAR CHANGE - 4 CYL - PREFIX 13D**

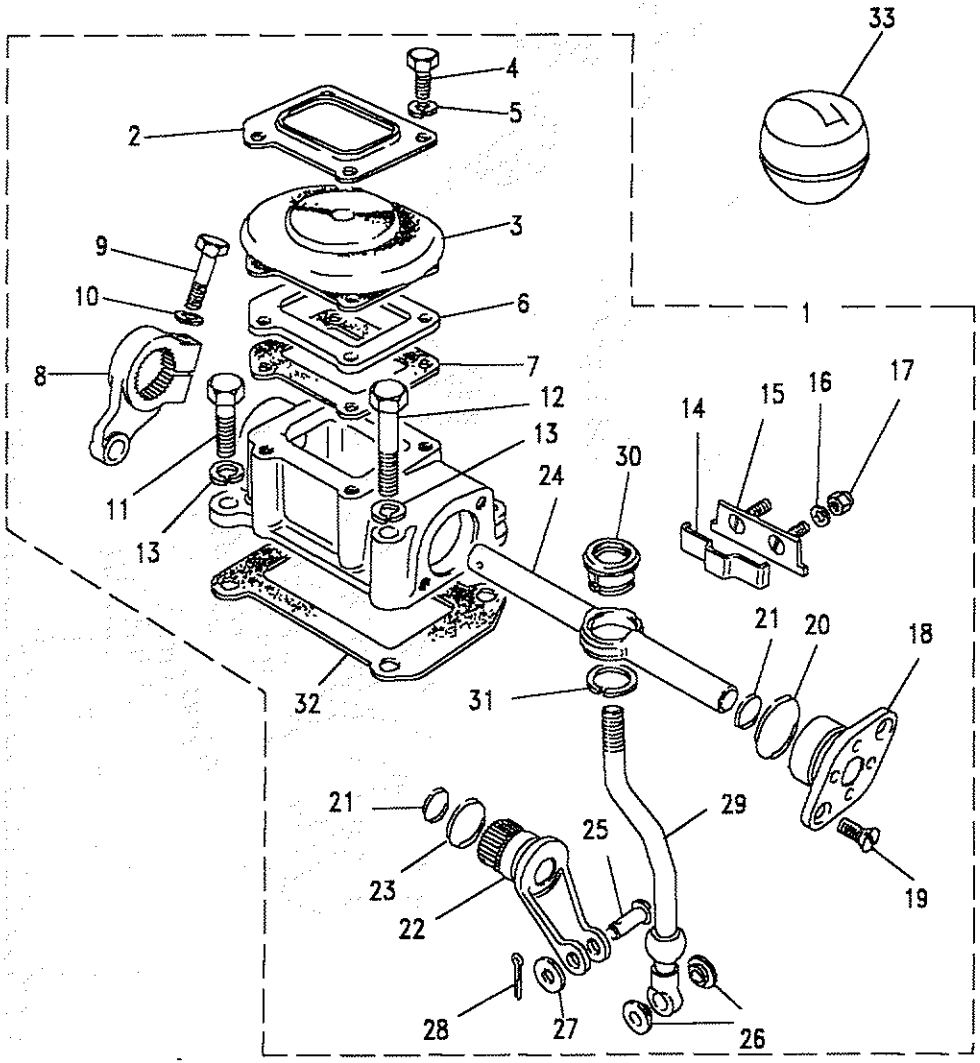
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | SF106201L | Screw | 2 | |
| 20 | FRC4565 | O Ring | 1 | |
| 21 | FRC4509 | O Ring | 2 | |
| 22 | FRC5480 | Arm crank | 1 | |
| 23 | FRC5479 | O ring | 3 | |
| 24 | FRC6117 | Cross shaft | 1 | |
| 25 | PC108321L | Pin clevis | 1 | |
| 26 | FRC4499 | Bush | 2 | |
| 27 | WA108051L | Washer | 1 | |
| 28 | PS104127L | Pin split | 1 | |
| 29 | FRC7487 | Lever | 1 | |
| 30 | FRC5076 | Seat | 1 | |
| 31 | CR120215L | Circlip | 1 | |
| 32 | FRC6306 | Gasket | 1 | Upto 20D299332E |
| | FTC4036 | Gasket | 1 | From 20D299333E |
| 33 | FRC6595 | Knob | 1 | Up to LA935624 |
| | FTC3852 | Knob | 1 | From LA935625 |




**Model** DEFENDER 90
**Page** ADDBMA1A

**TRANSFER GEARBOX - GEAR CHANGE - 4 CYL/LT77S 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC9555 | Gear change assembly | 1 | |
| 2 | FRC6873 | Plate | 1 | |
| 3 | FRC6872 | Grommet | 1 | |
| 4 | FS106201L | Screw | 4 | |
| 5 | WA106041L | Washer | 4 | |
| 6 | FRC8561 | Plate gasket | 1 | |
| 7 | FRC5486 | Gasket | 1 | |
| | FTC4037 | Gasket | 1 | |
| 8 | FRC5478 | Arm operating | 1 | |
| 9 | BH106051L | Bolt | 1 | |
| 10 | WA106041L | Washer | 1 | |
| 11 | FS108251ML | Screw flanged patchlock | 2 | |
| 12 | BH108111L | Bolt | 2 | |
| 13 | WL108001L | Washer spring | 4 | |
| 14 | RTC1956 | Detent Spring | 1 | |
| 15 | FRC6125 | Retainer spring | 1 | |
| 16 | WA105001L | Washer | 2 | |
| 17 | NY105041L | Nut | 2 | |
| 18 | FRC5574 | Cover end | 1 | |

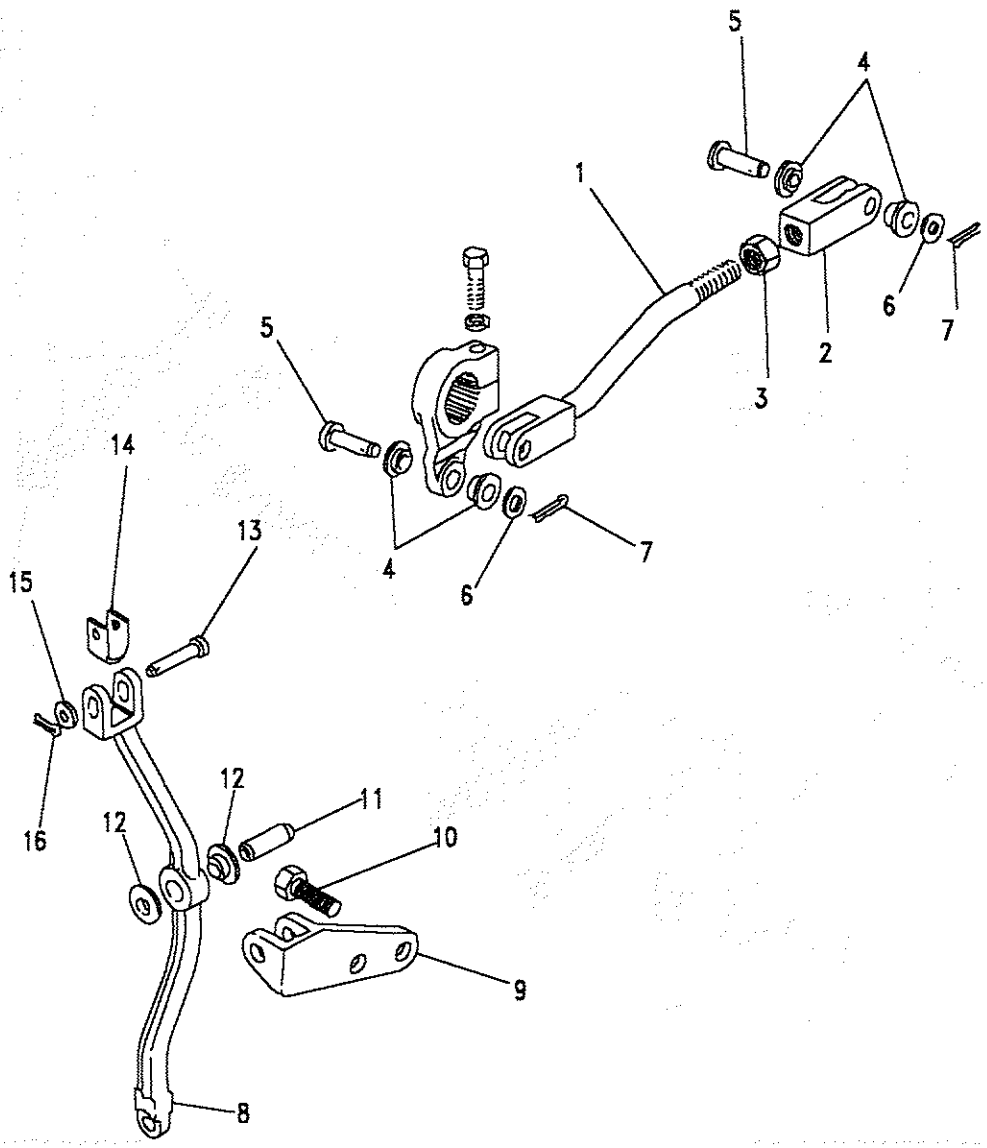



**Model** DEFENDER 90
**Page** ADDBMA1A

**TRANSFER GEARBOX - GEAR CHANGE - 4 CYL/LT77S 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | SF106201L | Screw | 2 | |
| 20 | FRC4565 | O ring | 1 | |
| 21 | FRC4509 | O ring | 2 | |
| 22 | FRC5480 | Crank arm | 1 | |
| 23 | FRC5479 | O ring | 1 | |
| 24 | FRC8203 | Cross shaft | 1 | |
| 25 | FRC8766 | Pin clevis | 1 | |
| 26 | FRC4499 | Bush | 2 | |
| 27 | WA108051L | Washer | 1 | |
| 28 | PS104127L | Pin-split | 1 | |
| 29 | FRC7487 | Lever gear change | 1 | |
| 30 | FRC5076 | Seat | 1 | |
| 31 | CR120215 | Circlip | 1 | |
| 32 | FRC6306 | Gasket | 1 | Upto 20D299332E |
| | FTC4036 | Gasket | 1 | From 20D299333E |
| 33 | FRC6595 | Knob | 1 | Note(1) |
| | FTC3852 | Knob | 1 | Note(2) |

Note(1) Up to LA935624
Note(2) From LA935625

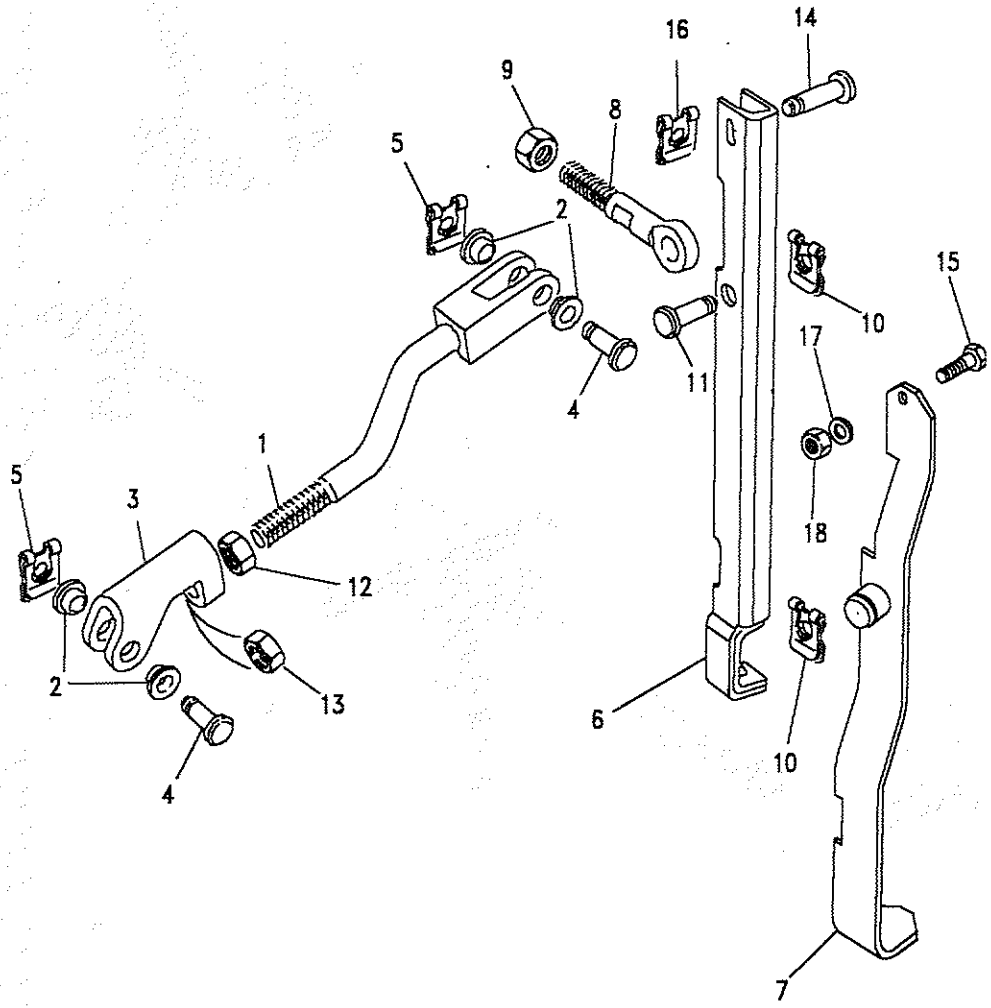



**Model** DEFENDER 90
**Page** ADDBMA3A

**TRANSFER GEARBOX - ROD ASSY - 4CYL - PREFIX 13D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC6000 | Rod connecting | 1 | |
| | FTC3675 | Rod connecting | 1 | Note(1) |
| 2 | FRC5998 | Clevis | 1 | |
| 3 | NY108041L | Locknut | 1 | |
| 4 | FRC4499 | Bush | 4 | |
| 5 | PC108321L | Pin clevis | 2 | |
| 6 | WA108051L | Washer | 2 | |
| 7 | PS104127L | Pin split | 2 | |
| 8 | FRC7315 | Lever diff lock | 1 | |
| 9 | FRC6066 | Bracket pivot | 1 | |
| 10 | SH108251L | Screw | 2 | |
| 11 | FRC7325 | Pin | 1 | |
| 12 | FRC4499 | Bush | 2 | |
| 13 | PC105401L | Pin clevis | 1 | |
| 14 | FRC4505 | Nylon Strip | 1 | |
| 15 | WA105001L | Washer | 1 | |
| 16 | PS103101L | Pin split | 1 | |

Note(1) From28D27489E

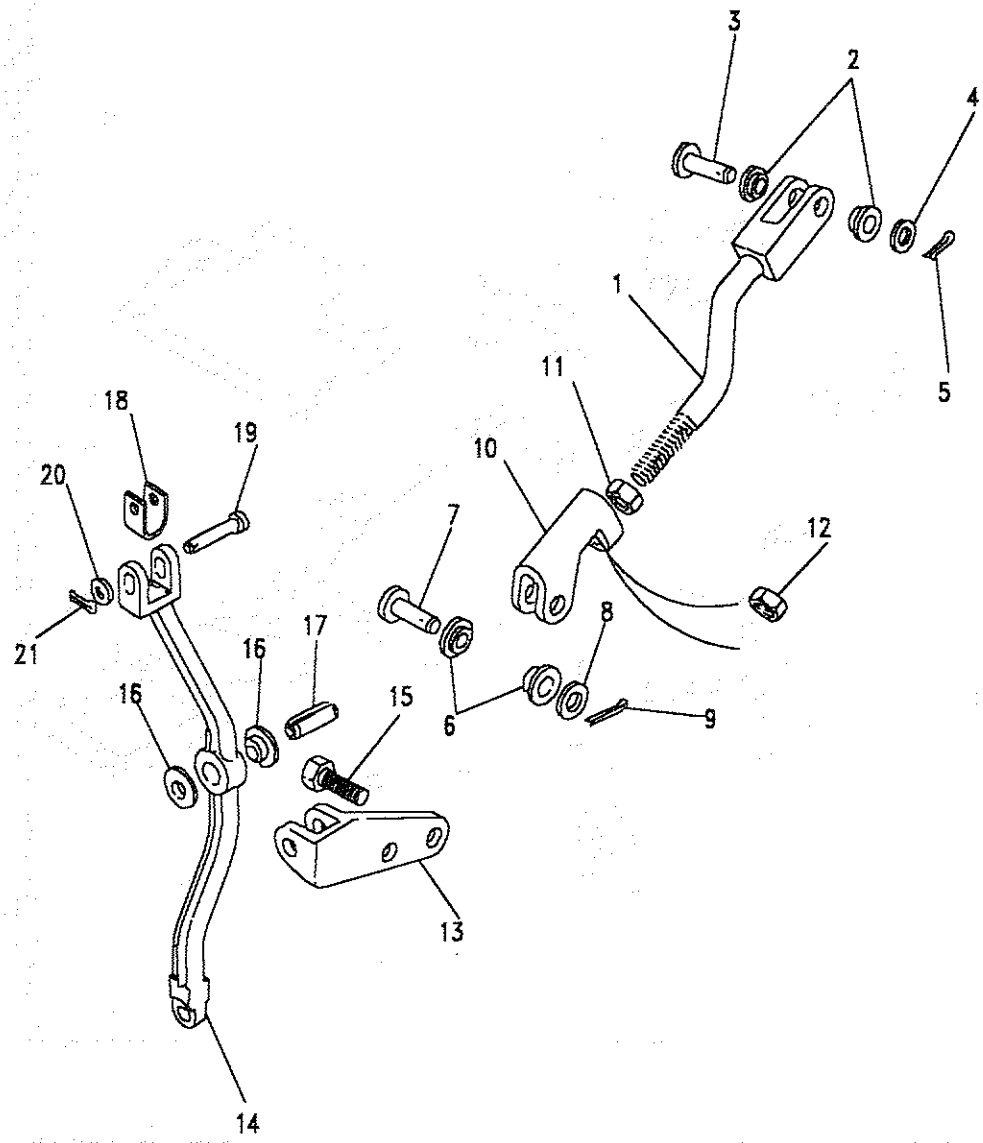



**Model** DEFENDER 90
**Page** ADDBMA2A

**TRANSFER GEARBOX - ROD ASSY - 4CYL/LT77S 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Without Pivot** | | | | |
| 1 | FRC6000 | Rod connecting | 1 | |
| 2 | FRC4499 | Bush | 4 | |
| 3 | FRC8075 | Clevis | 1 | |
| 4 | FRC8767 | Pin clevis | 2 | |
| 5 | FRC8548 | Clip | 2 | |
| 6 | FRC8204 | Arm diff lock | 1 | Note(1) |
| 7 | FTC4095 | Arm diff lock | 1 | Note(2) |
| 8 | FRC8202 | Pin pivot | 1 | |
| 9 | NH108041L | Nut | 1 | |
| 10 | FRC8548 | Clip | 2 | |
| 11 | FRC8547 | Pin clevis | 1 | |
| 12 | NY108041L | Nut | 1 | |
| 13 | NT108041L | Nut | 1 | |
| 14 | FRC8768 | Pin clevis | 1 | Note(1) |
| 15 | FB105051L | Bolt M5 | 1 | Note(2) |
| 16 | FRC8769 | Clip | 1 | Note(1) |
| 17 | WA106041L | Washer | 1 | Note(2) |
| 18 | NY105041 | Nut | 1 | Note(2) |

Note(1) Up to LA939975
Note(2) From MA939976

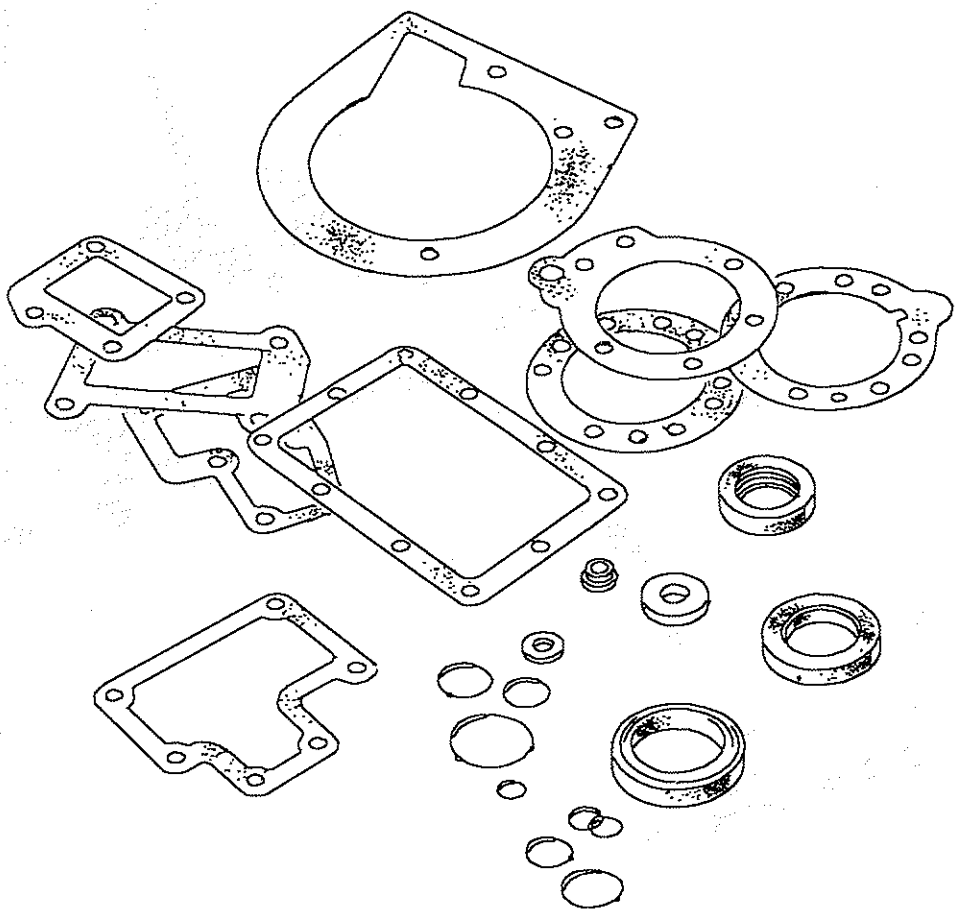



**Model** DEFENDER 90
**Page** ADDBMA4A

**TRANSFER GEARBOX - ROD ASSY - 4CYL/LT77S 22D,32D**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **With Pivot** | | | | |
| 1 | FRC6000 | Rod connecting | 1 | |
| | FTC3675 | Rod connecting | 1 | Note(1) |
| 2 | FRC4499 | Bush | 2 | |
| 3 | PC108321L | Pin clevis | 1 | |
| 4 | WA108051L | Washer | 1 | |
| 5 | PS104127L | Pin split | 1 | |
| 6 | FRC4499 | Bush | 2 | |
| 7 | PC108321L | Pin clevis | 1 | |
| 8 | WA108051L | Washer | 1 | |
| 9 | PS104127L | Pin split | 1 | |
| 10 | FRC8075 | Clevis | 1 | |
| 11 | NY108041L | Nut | 1 | |
| 12 | NT108041L | Nut | 1 | |
| 13 | FRC6066 | Bracket pivot | 1 | |
| 14 | FRC7315 | Lever diff lock | 1 | |
| 15 | SH108251L | Screw | 2 | |
| 16 | FRC4499 | Bush | 2 | |
| 17 | FRC7325 | Pin | 1 | |
| 18 | FRC4505 | Nylon Strip | 1 | |
| 19 | PC105401L | Pin clevis | 1 | |
| 20 | WA105001L | Washer | 1 | |
| 21 | PS103101L | Pin split | 1 | |

Note(1) From 28D274489E

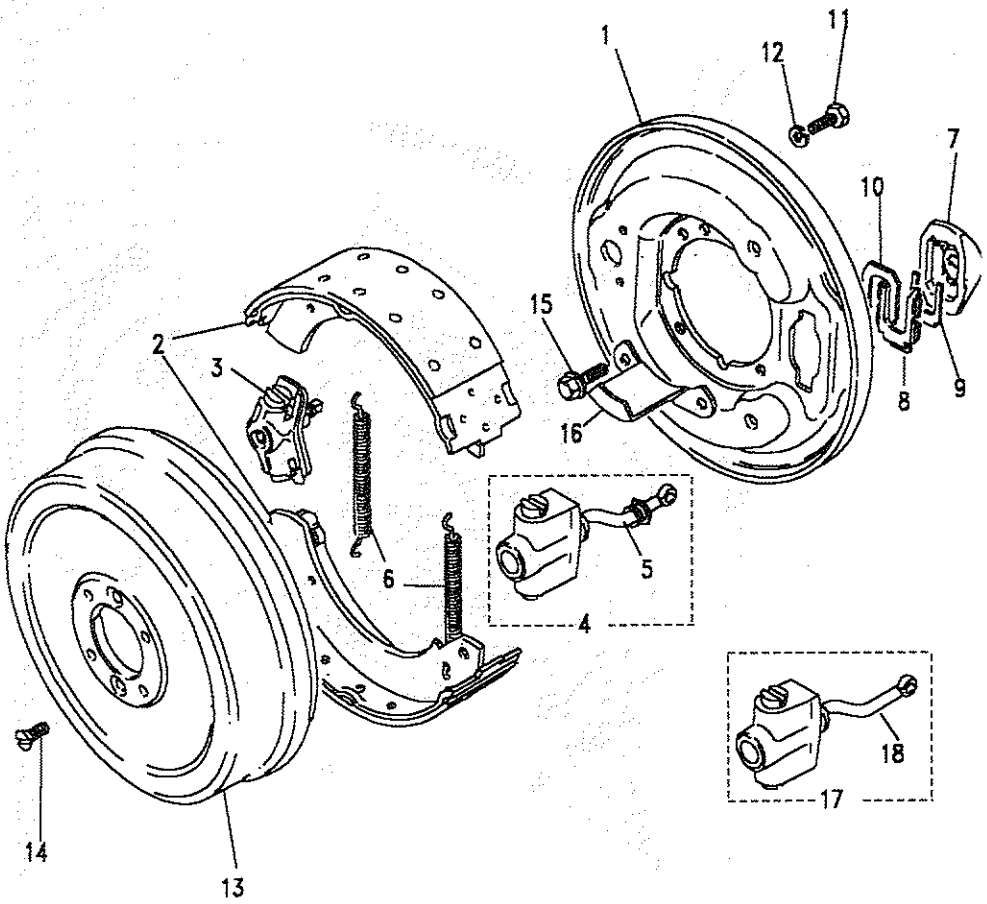


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**Model** DEFENDER 90
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**TRANSFER GEARBOX - GASKET KIT - 4CYL/LT77S**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC3890 | Kit gasket and seals | 1 | |

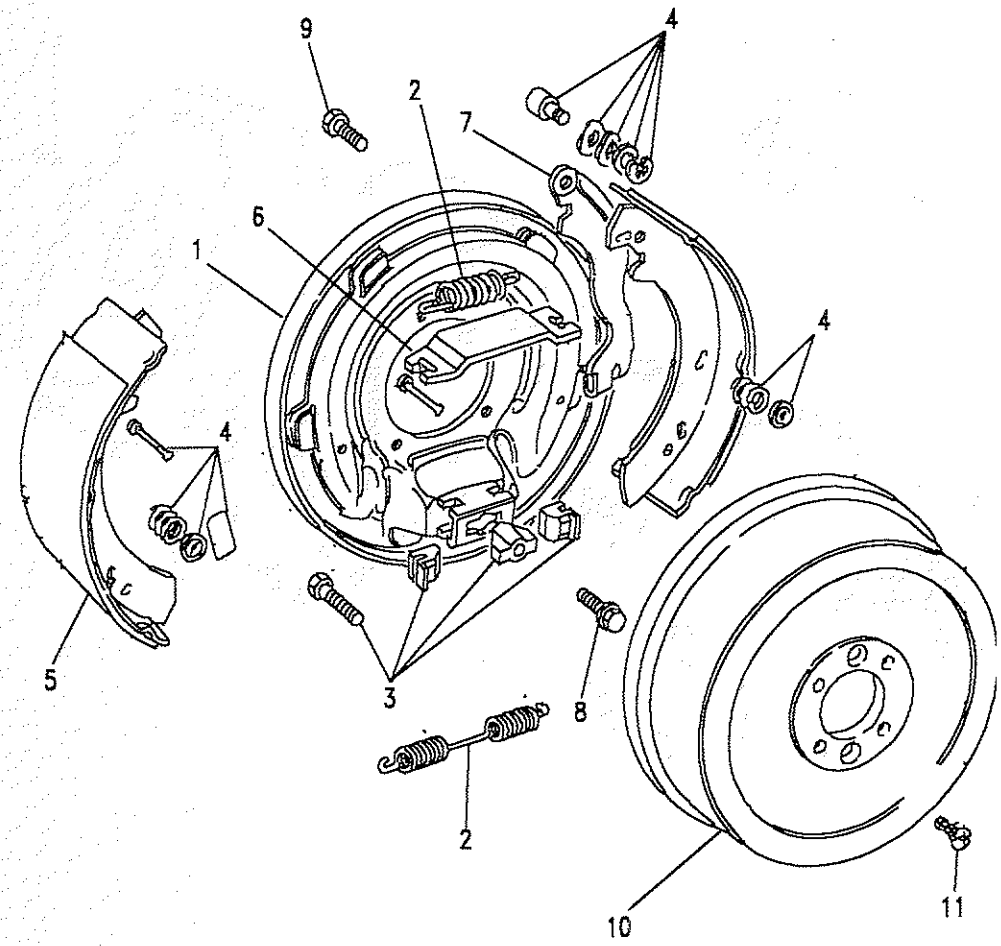



**Model** DEFENDER 90
**Page** ADDBRA1A

**TRANSFER GEARBOX - TRANSMISSION BRAKE - 4 CYL/LT77S**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to LA935629** | | | | |
| 1 | AEU2733 | Back plate | 1 | ) |
| 2 | RTC3403 | Kit brake shoe | 1 | )RIVETED |
| 3 | 37H4558L | Adjuster assembly | 1 | )Upto |
| | 8G7019L | Kit service | 1 | )JULY 1989 |
| 1 | STC963 | Back plate | 1 | ) |
| 2 | RTC6179 | Kit brake shoe | 1 | )BONDED |
| 3 | STC244 | Adjuster assembly | 1 | )From |
| | STC245 | Kit service | 1 | )JULY 1989 |
| 4 | AEU2734 | Expander brake | 1 | Note(1) |
| | AEU2735 | Kit service | 1 | |
| 5 | AEU2736 | Drawlink-with locknut | 1 | OLD TYPE |
| 6 | FRC8549 | Spring shoe return-GREEN | 2 | UptoJULY1989 |
| | STC246 | Spring shoe return-PAIR | 1 | FromJULY1989 |
| 7 | 515466 | Cover dust | 1 | |
| 8 | 515467 | Plate locking | 1 | |
| 9 | 515470 | Plate packing | 1 | |
| 10 | 515468 | Plate spring | 1 | |
| 11 | AEU2737 | Bolt | 2 | |
| 12 | AEU2738 | Washer | 2 | |
| 13 | FRC3502 | Drum brake | 1 | |
| 14 | SA108201L | Screw | 2 | |
| 15 | AFU1400 | Bolt transmission brake | 4 | |
| 16 | FRC8093 | Oil catcher | 1 | |
| 17 | AEU2734 | Expander assembly | 1 | Note(1) |
| 18 | STC964 | Drawlink | 1 | NEW TYPE |

Note(1) When ordering AEU2734 the NEW TYPE drawlink will be supplied.




**Model** DEFENDER 90
**Page** ADDBRA2A

**TRANSFER GEARBOX - TRANSMISSION BRAKE - 4 CYL/LT77S**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From LA935630** | | | | |
| 1 | STC1533 | Backplate | 1 | |
| 2 | STC1526 | Kit brake springs | 1 | |
| 3 | STC1527 | Kit adjuster brake | 1 | |
| 4 | STC1532 | Kit brake shoe retention | 1 | |
| 5 | STC1525 | Brake shoe kit | 1 | |
| 6 | STC1536 | Cross shaft | 1 | |
| 7 | STC1538 | Lever brake shoe | 1 | |
| 8 | AFU1400 | Bolt | 4 | |
| 9 | SF108201 | Screw M8 20 | 1 | |
| 10 | FRC3502 | Drum brake | 1 | |
| 11 | SA108201 | Screw | 2 | |

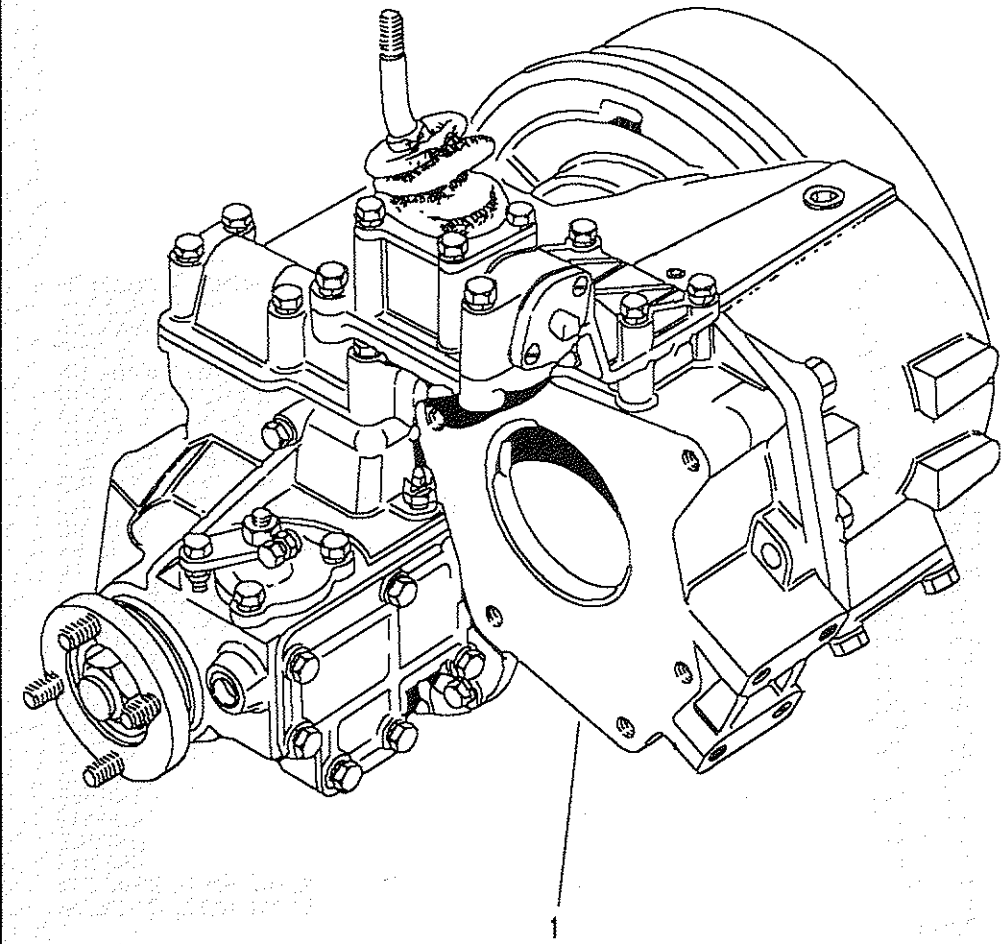
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GROUP D

TRANSFER BOX


| | |
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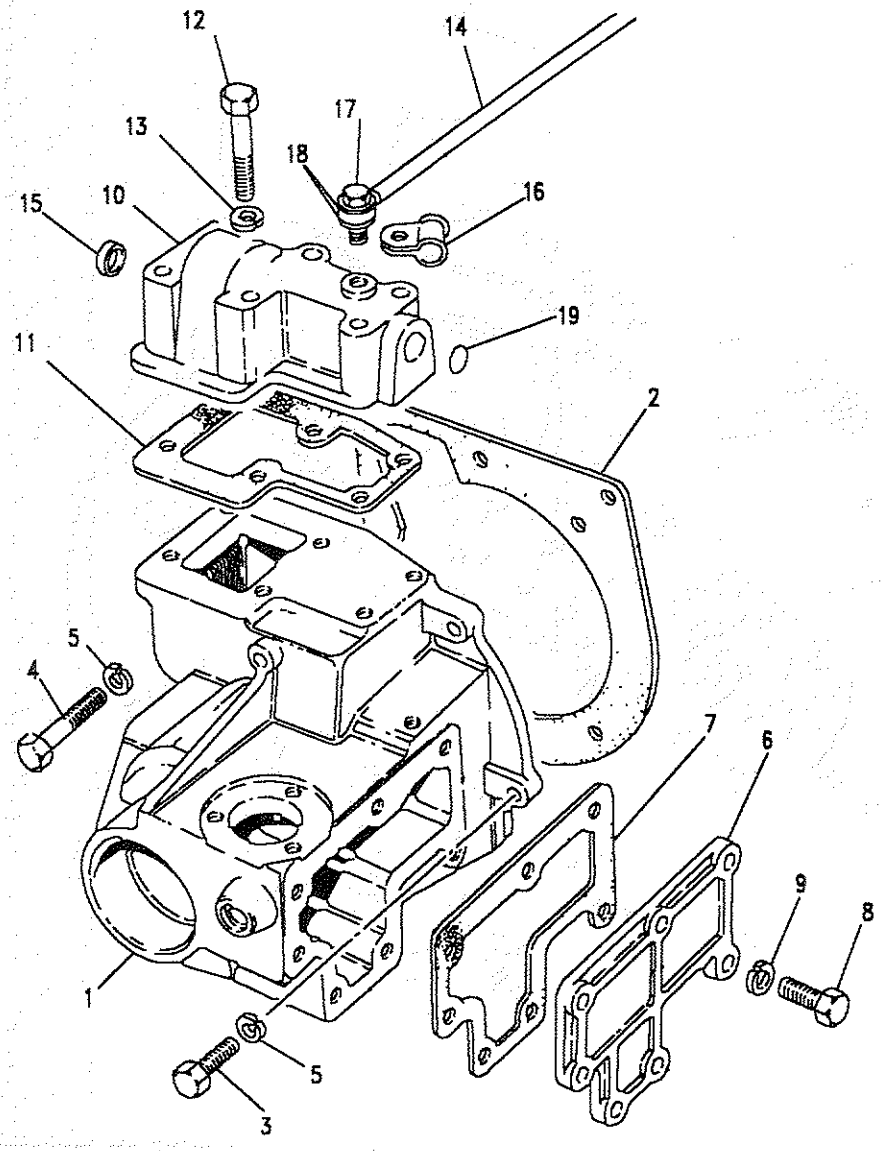



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**Page** ADDCAA1A

**TRANSFER GEARBOX - TRANSFER ASSEMBLY - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC9471N | Transfer assembly | 1 | Note(1) |

Note(1) Serial number 29D fitted to LT85 gearbox



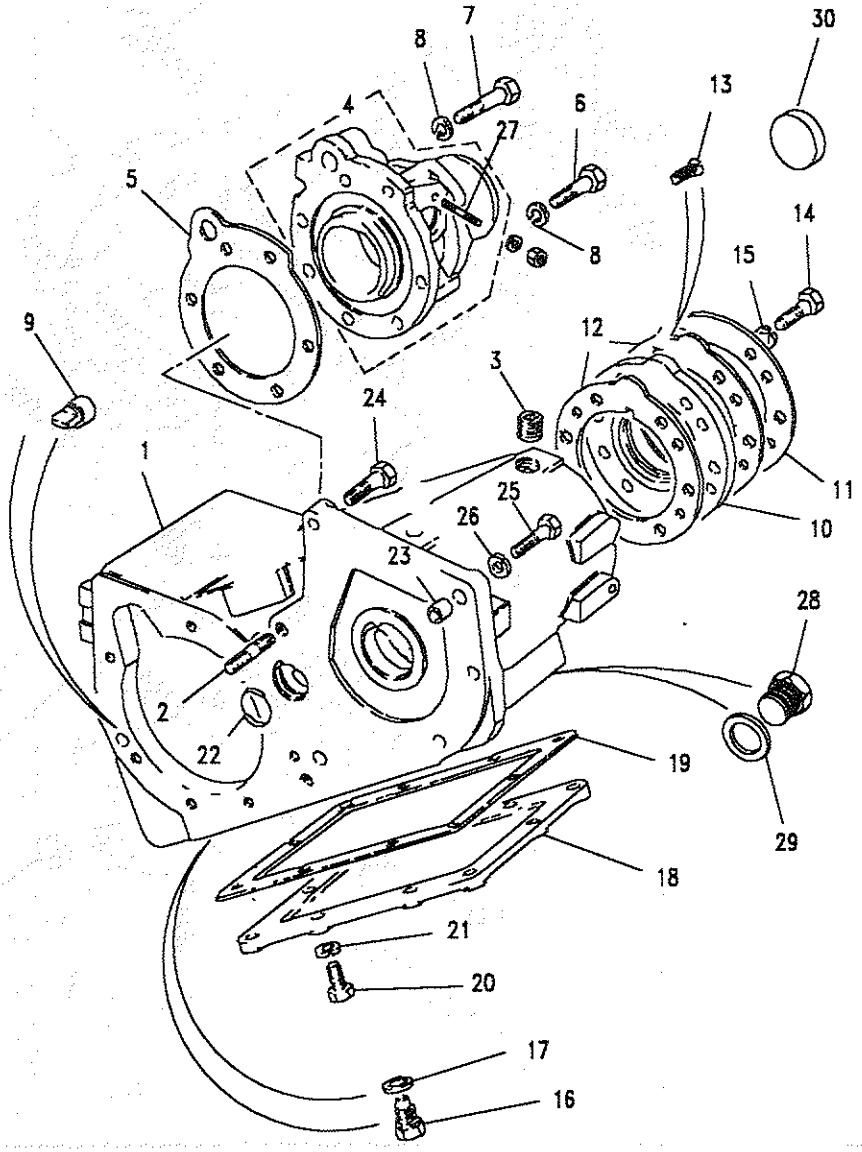

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**Model** DEFENDER 90
**Page** ADDCCA1A

**TRANSFER GEARBOX - TRANSFER CASING - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC8299 | Housing front | 1 | |
| 2 | FRC6103 | Gasket housing | 1 | Note(1) |
| 3 | FB108061 | Bolt flanged M8 x 30 | 7 | |
| 4 | BH108181L | Bolt | 1 | |
| 5 | WA108051L | Washer | 8 | |
| 6 | FRC6104 | Cover | 1 | |
| 7 | FRC6105 | Gasket | 1 | Note(1) |
| 8 | SH108251L | Screw | 7 | |
| 9 | WA108051L | Washer | 7 | |
| 10 | FRC6106 | Housing | 1 | |
| 11 | FRC7998 | Gasket housing | 1 | Note(1) |
| 12 | FB108111L | Bolt flanged | 6 | |
| 13 | WA108051L | Washer | 6 | |
| 14 | FRC167 | Pipe breather | 1 | |
| 15 | FRC7930 | Plug cup | 1 | |
| 16 | BAU1689 | Clip pipe | 1 | |
| 17 | 595478 | Bolt banjo | 1 | |
| 18 | 232039 | Washer copper | 2 | |
| 19 | FRC5575 | O ring | 1 | |

Note(1) Part of gasket kit RTC3890

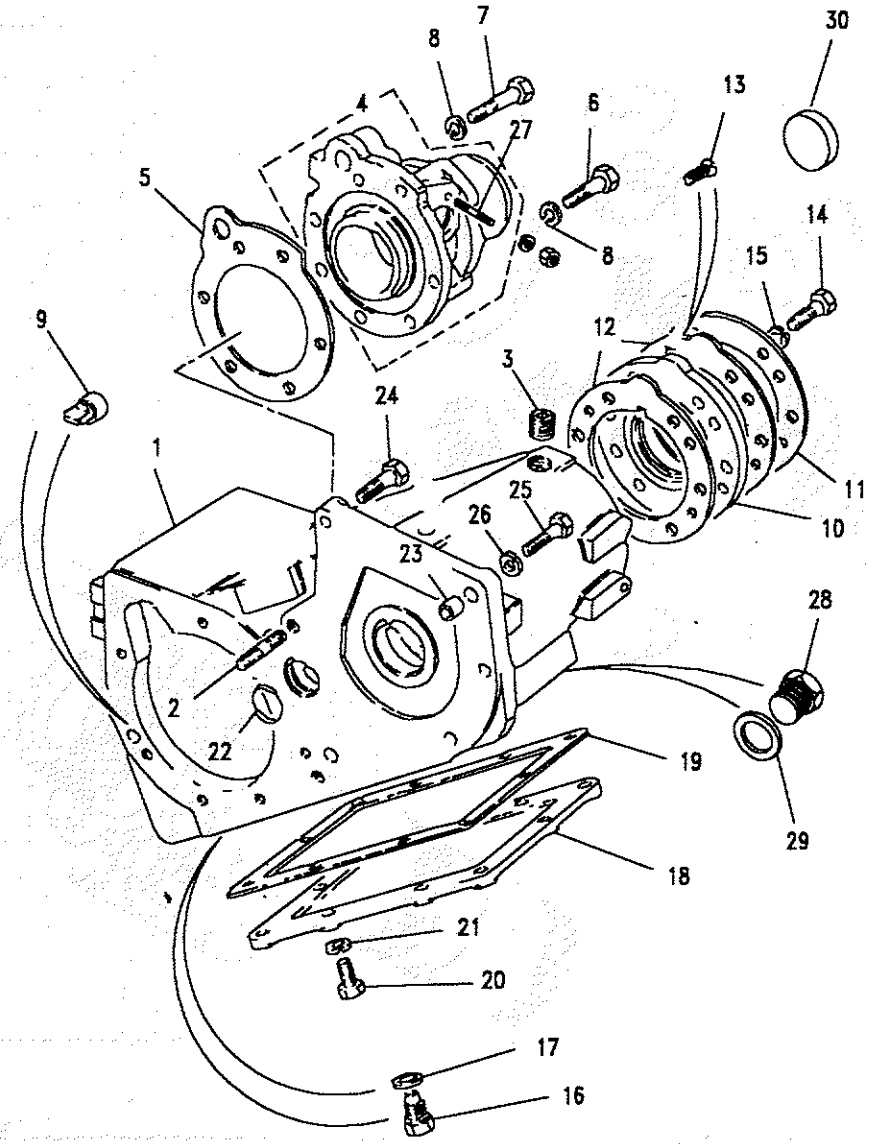



**Model** DEFENDER 90
**Page** ADDCEA1A

**TRANSFER GEARBOX - SPEEDO HOUSING - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC1748 | Housing transfer assy | 1 | |
| 2 | FRC5595 | Stud | 2 | |
| 3 | 608246 | Plug oil filler | 2 | |
| 4 | FRC7447 | Housing speedo drive | 1 | Note(1) |
| | FTC4186 | Housing speedo drive | 1 | Note(2) |
| 5 | FRC5409 | Gasket | 1 | |
| 6 | SH110301L | Screw | 5 | |
| 7 | BH110091L | Screw | 1 | |
| 8 | WA110061L | Washer | 6 | |
| 9 | FRC5594 | Dowel | 1 | |
| 10 | FRC6943 | Housing bearing | 1 | |
| 11 | FTC2061 | Cover power take off | 1 | |
| 12 | FRC5413 | Gasket | 2 | |
| 13 | SF108251L | Bolt | 2 | |
| 14 | BX110071L | Bolt | 6 | either |
| 15 | WA110061L | Washer | 6 | |
| 16 | 599552 | Plug drain magnetic | 1 | |
| 17 | FRC4808 | Washer | 1 | |

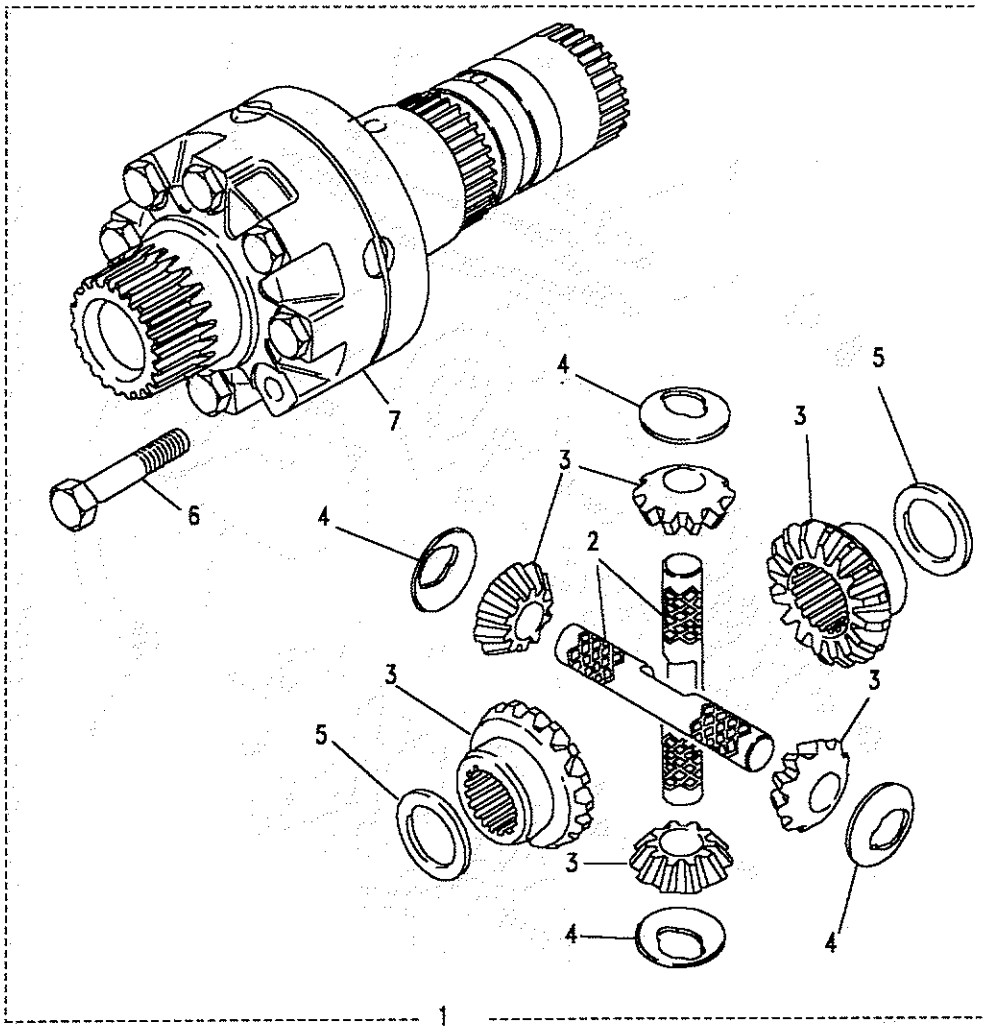
Note(1) Up to 22D309416E
Note(2) After 22D309417E (no gasket used)




**Model** DEFENDER 90
**Page** ADDCEA1A

**TRANSFER GEARBOX - SPEEDO HOUSING - LT85**

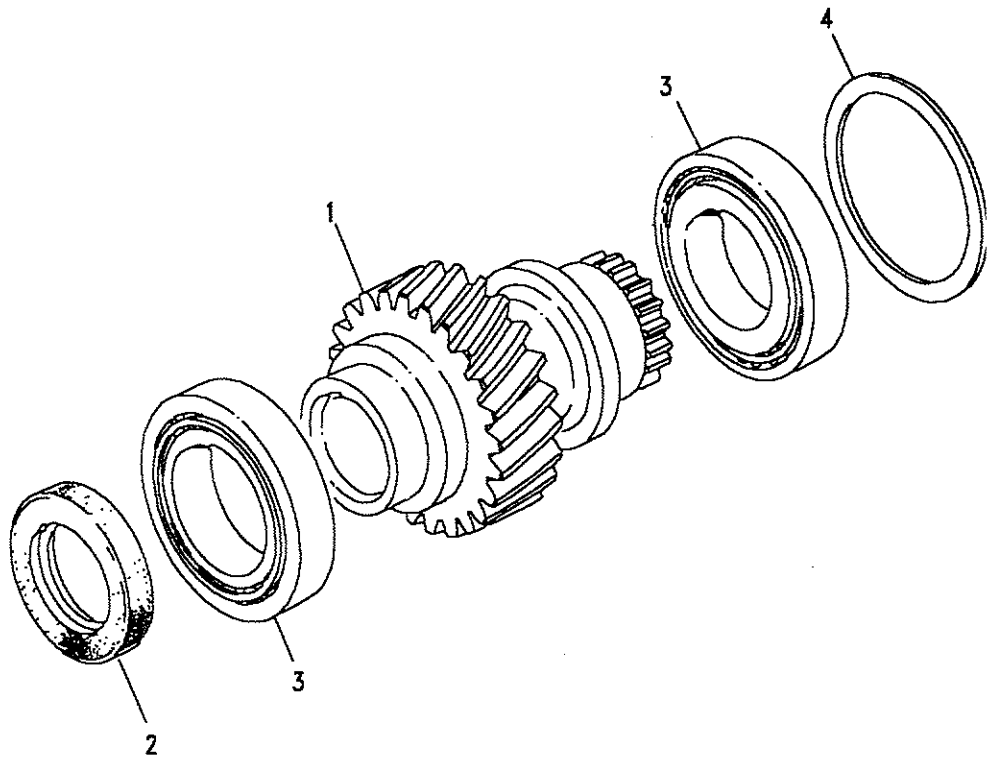
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | FRC5415 | Cover bottom | 1 | |
| 19 | FRC5416 | Gasket | 1 | |
| 20 | FB108161L | Bolt | 10 | |
| 21 | WA108051L | Washer | 10 | |
| 22 | FRC8292 | O ring | 1 | |
| 23 | FRC2482 | Dowel | 1 | |
| 24 | BH110081L | Bolt | 3 | |
| 25 | BH110091L | Bolt | 1 | |
| 26 | WL110001L | Washer | 6 | |
| 27 | 571536 | Stud cable retainer | 1 | |
| 28 | SH214141 | Screw M14 | 1 | |
| 29 | 232042 | Gasket | 1 | |
| 30 | 602146 | Plug | 1 | |




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## TRANSFER GEARBOX - DIFFERENTIAL - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7926 | Differential assembly | 1 | |
| 2 | RTC3397 | Kit cross shaft | 1 | Matched Pair |
| 3 | RTC4490 | Kit differential gears | 1 | Balanced Set |
| 4 | FRC6968 | Thrust Washer | 4 | |
| 5 | | SELECTIVE WASHERS | | |
| | FRC9845 | Washer thrust | A/R | |
| | FRC9847 | Shim 1.15mm | A/R | |
| | FRC9849 | Shim 1.25mm | A/R | |
| | FRC9851 | Shim 1.35mm | A/R | |
| | FRC9853 | Shim 1.45mm | A/R | |
| 6 | BH110121L | Bolt | 8 | |
| 7 | FRC7499 | Ring retaining | 1 | |

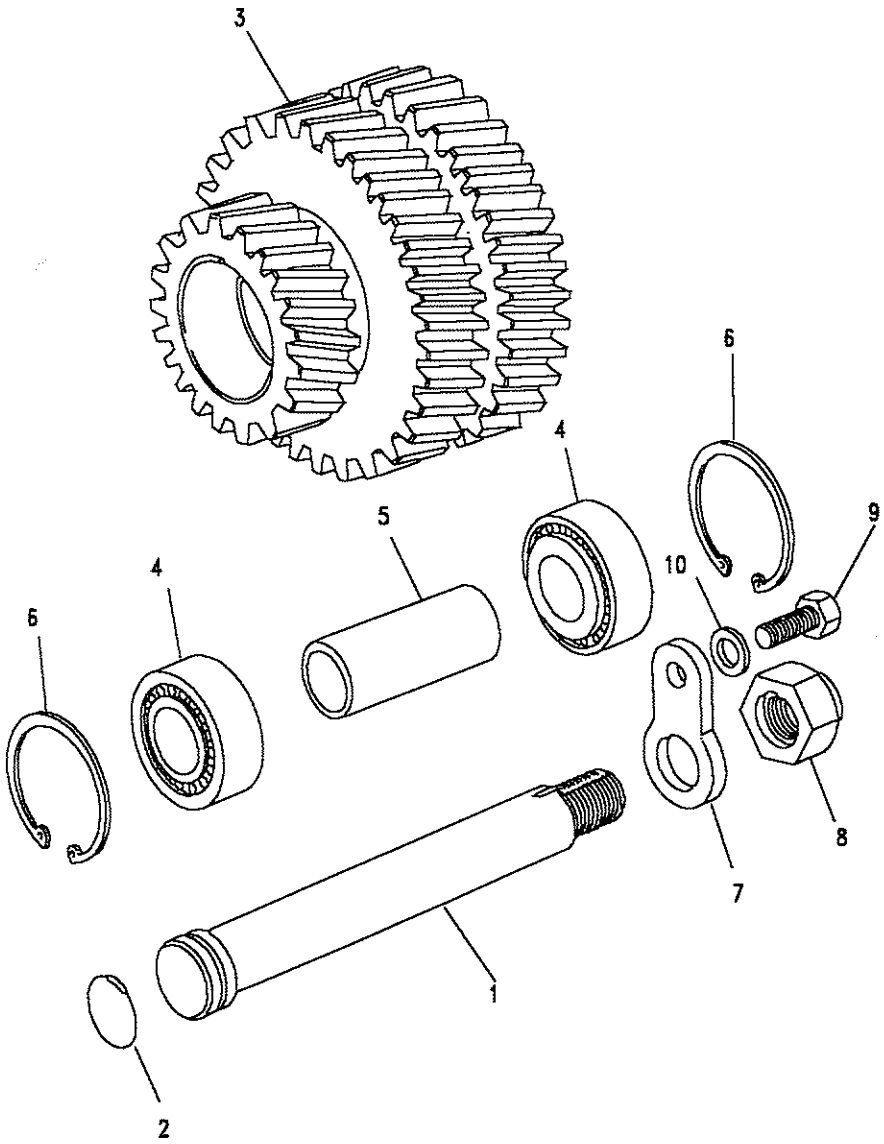



**Model** DEFENDER 90
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## TRANSFER GEARBOX - MAINSHAFT - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5428 | Gear transfer | 1 | Suffix B |
| | FRC8917 | Gear transfer | 1 | Suffix C |
| 2 | FRC2365 | Seal oil | 1 | Note(1) |
| 3 | FRC5564 | Bearing | 2 | |
| 4 | | SELECTIVE SHIMS | | |
| | FRC9928 | Shim 3.20 | A/R | |
| | FRC9930 | Shim 3.25 | A/R | |
| | FRC9932 | Shim 3.30 | A/R | |
| | FRC9934 | Shim 3.35 | A/R | |
| | FRC9936 | Shim 3.40 | A/R | |
| | FRC9938 | Shim 3.45 | A/R | |
| | FRC9940 | Shim 3.50 | A/R | |
| | FRC9942 | Shim 3.55 | A/R | |
| | FRC9944 | Shim 3.60 | A/R | |
| | FRC9946 | Shim 3.65 | A/R | |
| | FRC9948 | Shim 3.70 | A/R | |
| | FRC9950 | Shim 3.75 | A/R | |
| | FRC9952 | Shim 3.80 | A/R | |
| | FRC9954 | Shim 3.85 | A/R | |
| | FRC9956 | Shim 3.90 | A/R | |
| | FRC9958 | Shim 3.95 | A/R | |
| | FRC9960 | Shim 4.00 | A/R | |

Note(1) Part of gasket kit RTC3890

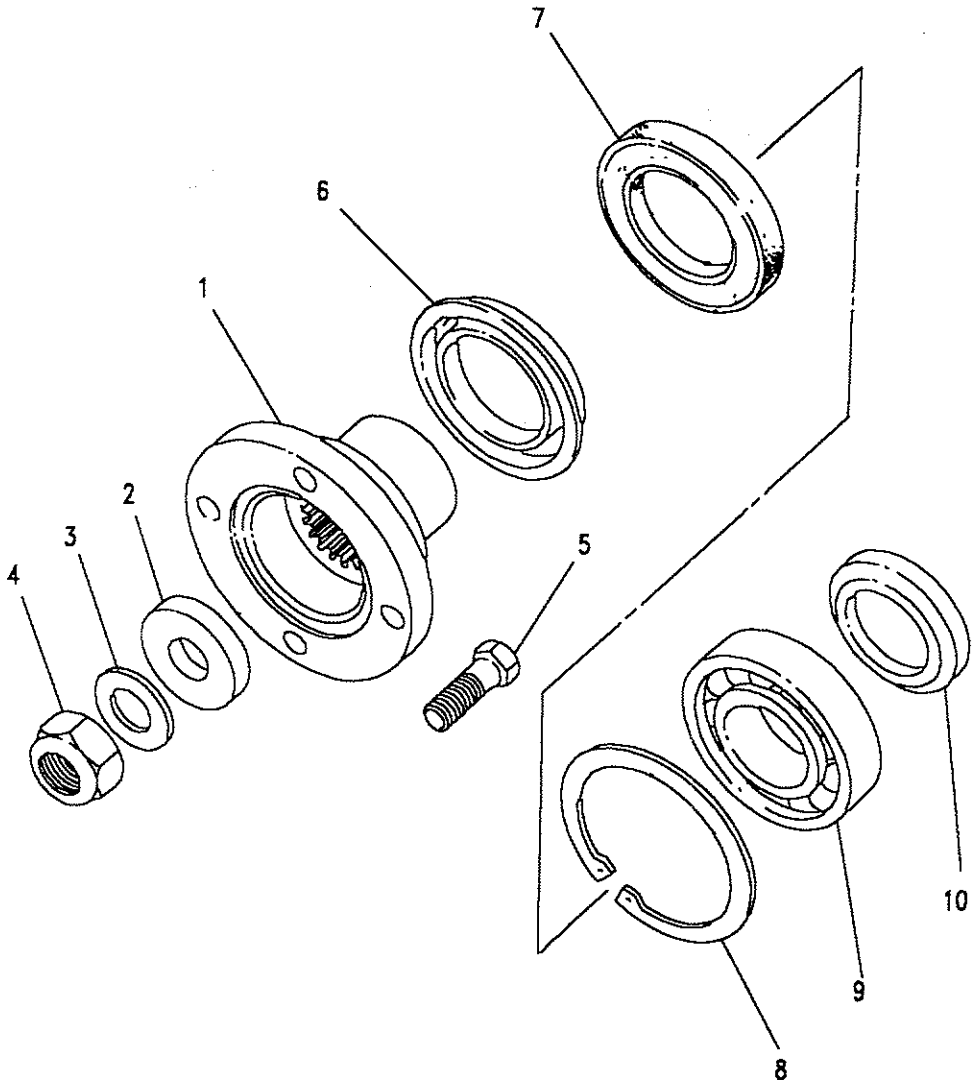



**Model** DEFENDER 90
**Page** ADDCIA2A

**TRANSFER GEARBOX - INTERMEDIATE SHAFT - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC8291 | Intermediate shaft | 1 | |
| 2 | FRC7439 | O ring | 1 | Note(1) |
| 3 | FRC7428 | Gear intermediate | 1 | Suffix B |
| | FRC9552 | Gear intermediate | 1 | Suffix C |
| 4 | FRC7810 | Bearing | 2 | |
| 5 | FRC7437 | Spacer collapsible | 1 | |
| 6 | FRC7454 | Circlip | 2 | |
| 7 | FRC7452 | Plate anti rotation | 1 | |
| 8 | FRC7453 | Nut | 1 | |
| 9 | FS108201L | Screw | 1 | |
| 10 | WA108051L | Washer | 1 | |

Note(1) Part of gasket kit RTC3890

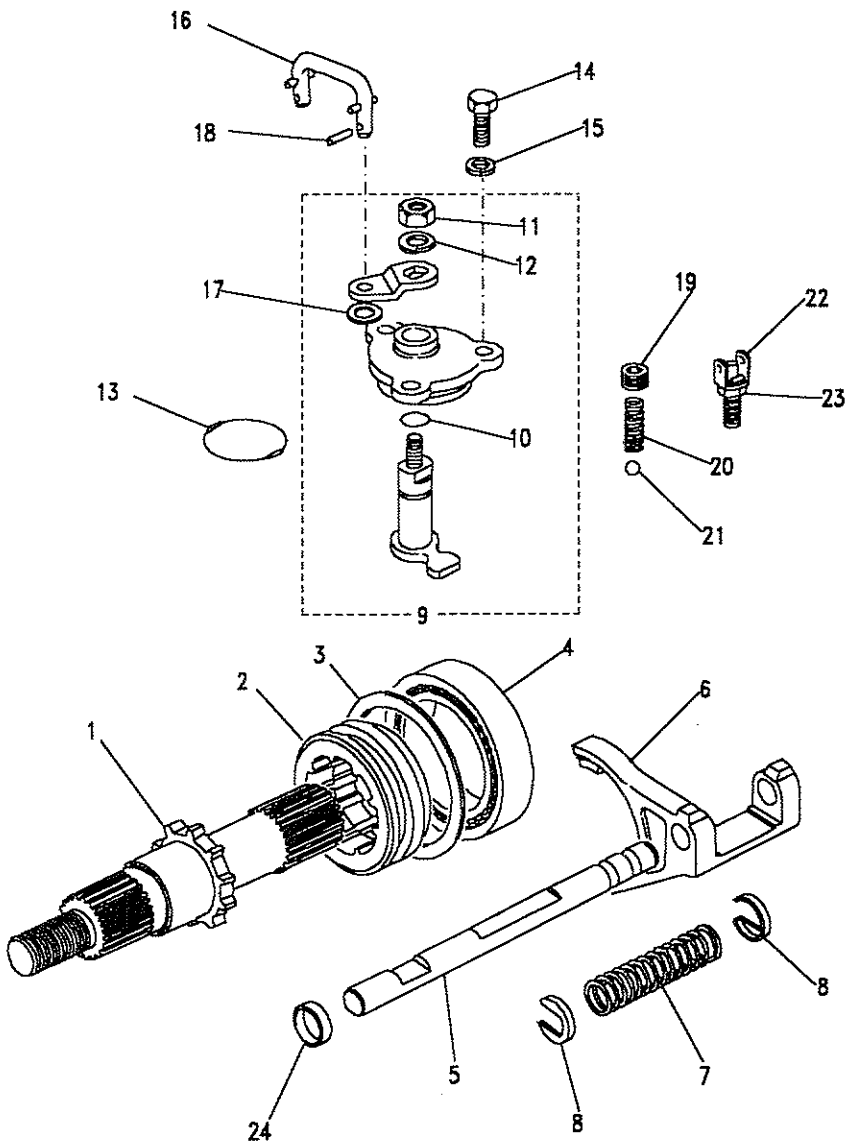



**Model** DEFENDER 90
**Page** ADDCIA3A

**TRANSFER GEARBOX - FRONT FLANGE - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5442 | Flange output front | 1 | |
| 2 | FRC2464 | Washer sealing | 1 | Note(1) |
| 3 | 571468 | Washer | 1 | |
| 4 | NY120041L | Nut | 1 | |
| 5 | BT606101L | Bolt | 4 | |
| 6 | FRC6121 | Mudshield | 1 | |
| 7 | FRC7043 | Seal oil | 1 | Note(1) |
| 8 | 216962 | Circlip | 1 | |
| 9 | STC1130 | Ball bearing | 1 | |
| 10 | FRC5439 | Spacer | 1 | |

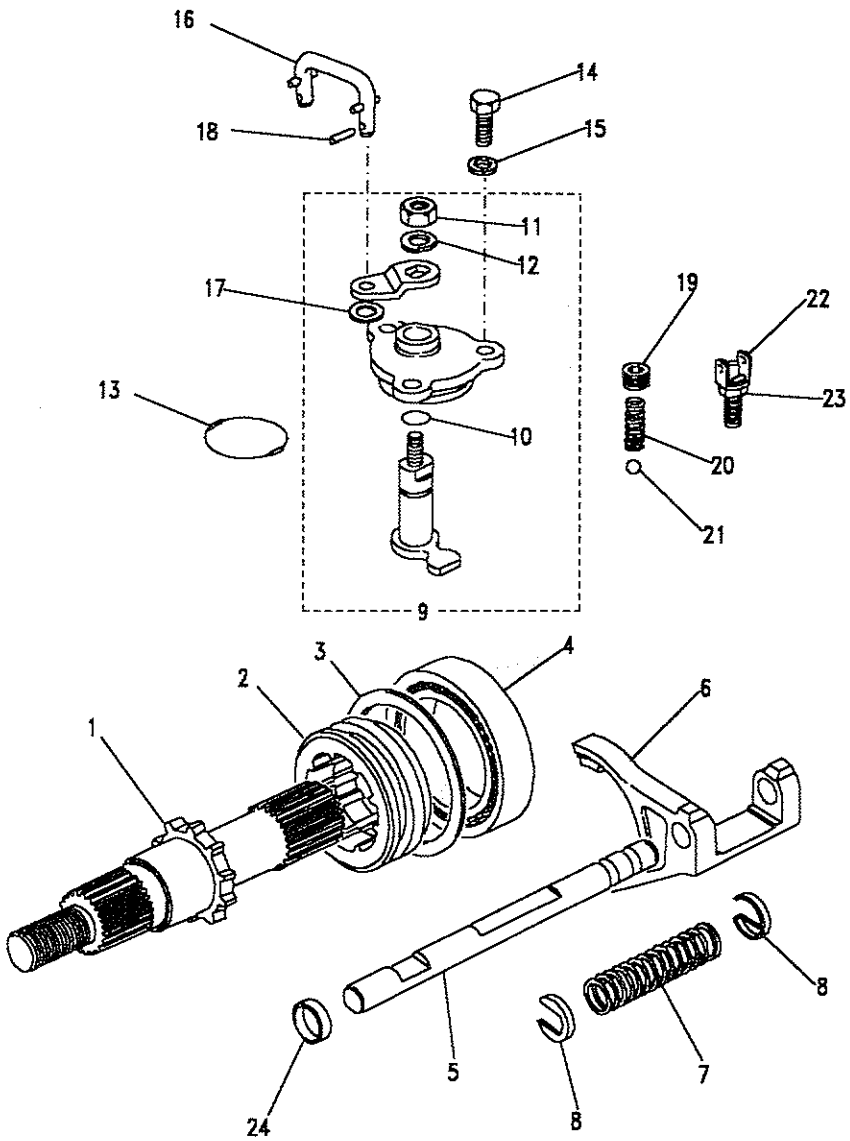
Note(1) Part of gasket kit RTC3890




**Model** DEFENDER 90
**Page** ADDCIA4A

**TRANSFER GEARBOX - FRONT OUTPUT SHAFT - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5449 | Shaft output front | 1 | |
| 2 | FRC5440 | Dog clutch diff lock | 1 | |
| 3 | | SELECTIVE SHIMS | | |
| | FTC726 | Shim 2.00mm | 1 | |
| | FTC728 | Shim 2.05mm | 1 | |
| | FTC730 | Shim 2.10mm | 1 | |
| | FTC732 | Shim 2.15mm | 1 | |
| | FTC734 | Shim 2.20mm | 1 | |
| | FTC736 | Shim 2.25mm | 1 | |
| | FTC738 | Shim 2.30mm | 1 | |
| | FTC740 | Shim 2.35mm | 1 | |
| | FTC742 | Shim 2.40mm | 1 | |
| | FTC744 | Shim 2.45mm | 1 | |
| | FTC746 | Shim 2.50mm | 1 | |
| | FTC748 | Shim 2.55mm | 1 | |
| | FTC750 | Shim 2.60mm | 1 | |
| | FTC752 | Shim | 1 | |
| | FTC754 | Shim 2.70mm | 1 | |
| | FTC756 | Shim 2.75mm | 1 | |
| | FTC758 | Shim 2.80mm | 1 | |
| | FTC760 | Shim 2.85mm | 1 | |
| | FTC762 | Shim 2.90mm | 1 | |
| | FTC764 | Shim 2.95mm | 1 | |
| | FTC766 | Shim 3.00mm | 1 | |
| | FTC768 | Shim 3.05mm | 1 | |
| | FTC770 | Shim 3.10mm | 1 | |
| | FTC772 | Shim 3.15mm | 1 | |
| | FTC774 | Shim 3.20mm | 1 | |
| | FTC776 | Shim 3.25mm | 1 | |

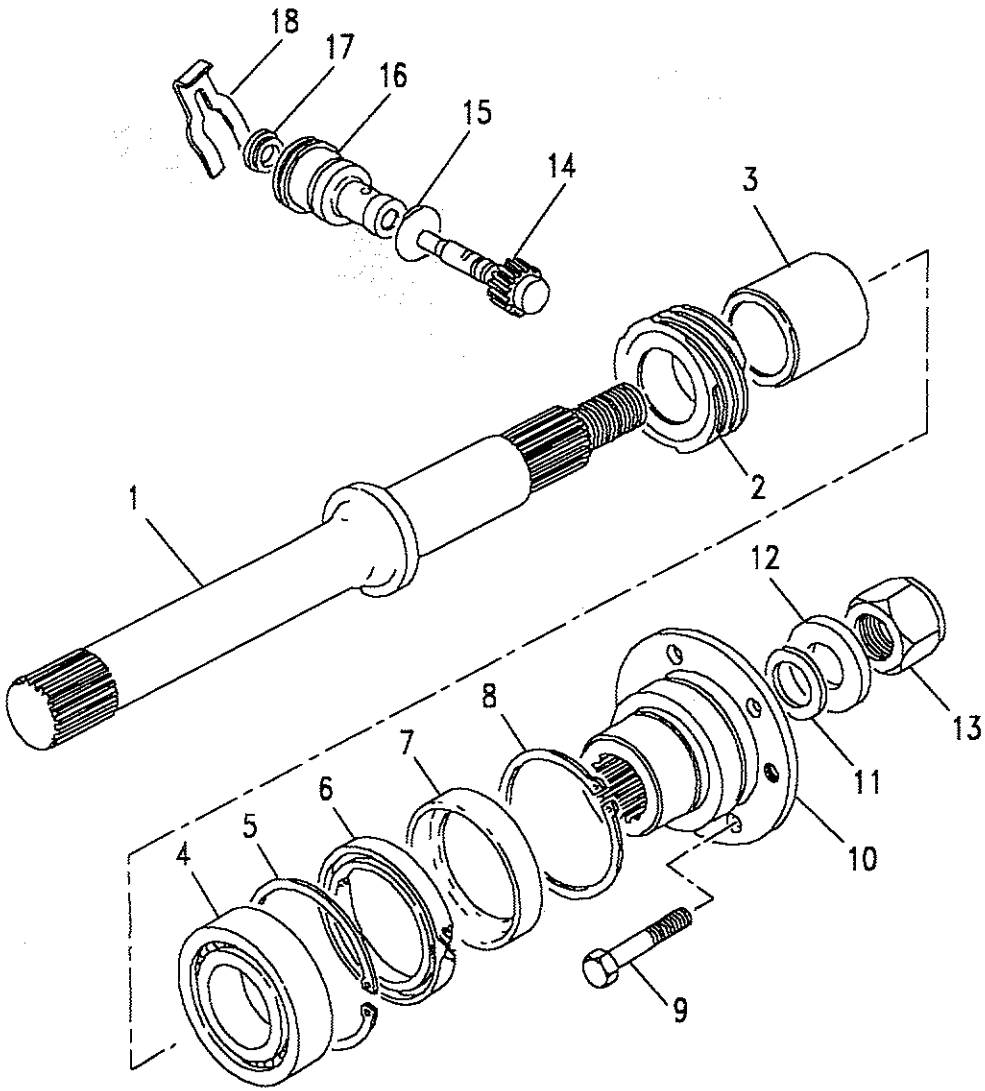



**Model** DEFENDER 90
**Page** ADDCIA4A

**TRANSFER GEARBOX - FRONT OUTPUT SHAFT - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 4 | FRC7871 | Bearing taper | 1 | |
| 5 | FRC6030 | Shaft selector | 1 | |
| 6 | FRC6109 | Fork selector | 1 | |
| 7 | FRC5468 | Spring diff lock | 1 | |
| 8 | FRC5469 | Clip spring | 2 | |
| 9 | FRC8041 | Housing selector | | |
| 10 | FRC5576 | O ring | 1 | |
| 11 | NY108041L | Nut | 1 | |
| 12 | WA108051L | Washer | 1 | |
| 13 | FRC5473 | O ring | 1 | |
| 14 | SH108251L | Screw | 3 | |
| 15 | WA108051L | Washer | 3 | |
| 16 | FRC7948 | Link connecting | 1 | Note(1) |
| | FRC8544 | Link connecting | 1 | Note(2) |
| 17 | WA106041L | Washer | 2 | |
| 18 | PS103121L | Pin split | 2 | |
| 19 | SU112101L | Plug detent | 1 | |
| 20 | FRC5562 | Spring detent | 1 | |
| 21 | 571146 | Ball detent | 1 | |
| 22 | PRC2911 | Switch diff lock | 1 | |
| 23 | NT110041L | Locknut | 1 | |
| 24 | FRC6110 | Plug | 1 | |

Note(1) Early type-Dog legged shape
Note(2) Later type-Horse shoe shape

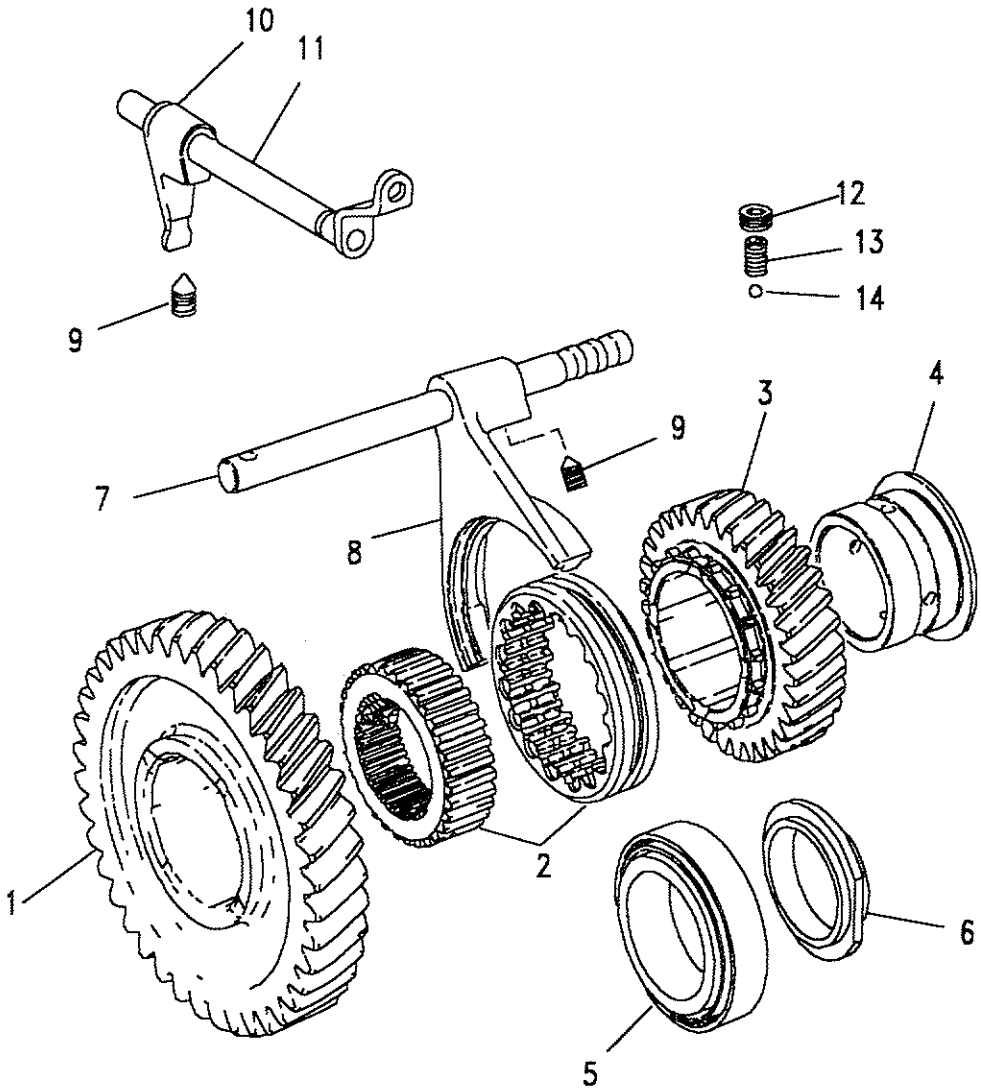



**Model** DEFENDER 90
**Page** ADDCIA5A

**TRANSFER GEARBOX - REAR FLANGE - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5450 | Shaft output rear | 1 | |
| 2 | FRC3162 | Worm speedo | 1 | |
| 3 | FRC5446 | Spacer | 1 | |
| 4 | STC1130 | Ball bearing | 1 | |
| 5 | 216962 | Circlip | 1 | |
| 6 | FRC7043 | Seal oil | 1 | Note(1) |
| 7 | 571970 | Oil shield | 1 | |
| 8 | 571682 | Circlip | 1 | |
| 9 | FRC3602 | Bolt | 1 | |
| 10 | FRC5438 | Flange output rear | 1 | |
| 11 | FRC2464 | Washer sealing | 1 | Note(1) |
| 12 | 571468 | Washer | 1 | |
| 13 | NY120041L | Nut | 1 | |
| 14 | FRC3310 | Gear speedo drive | 1 | |
| 15 | 571665 | O ring | 1 | Note(1) |
| 16 | FRC3286 | Housing speedo drive | 1 | |
| 17 | AAU2304 | Seal oil | 1 | Note(1) |
| 18 | 533765 | Plate retaining | 1 | |

Note(1) Part of gasket kit RTC3890

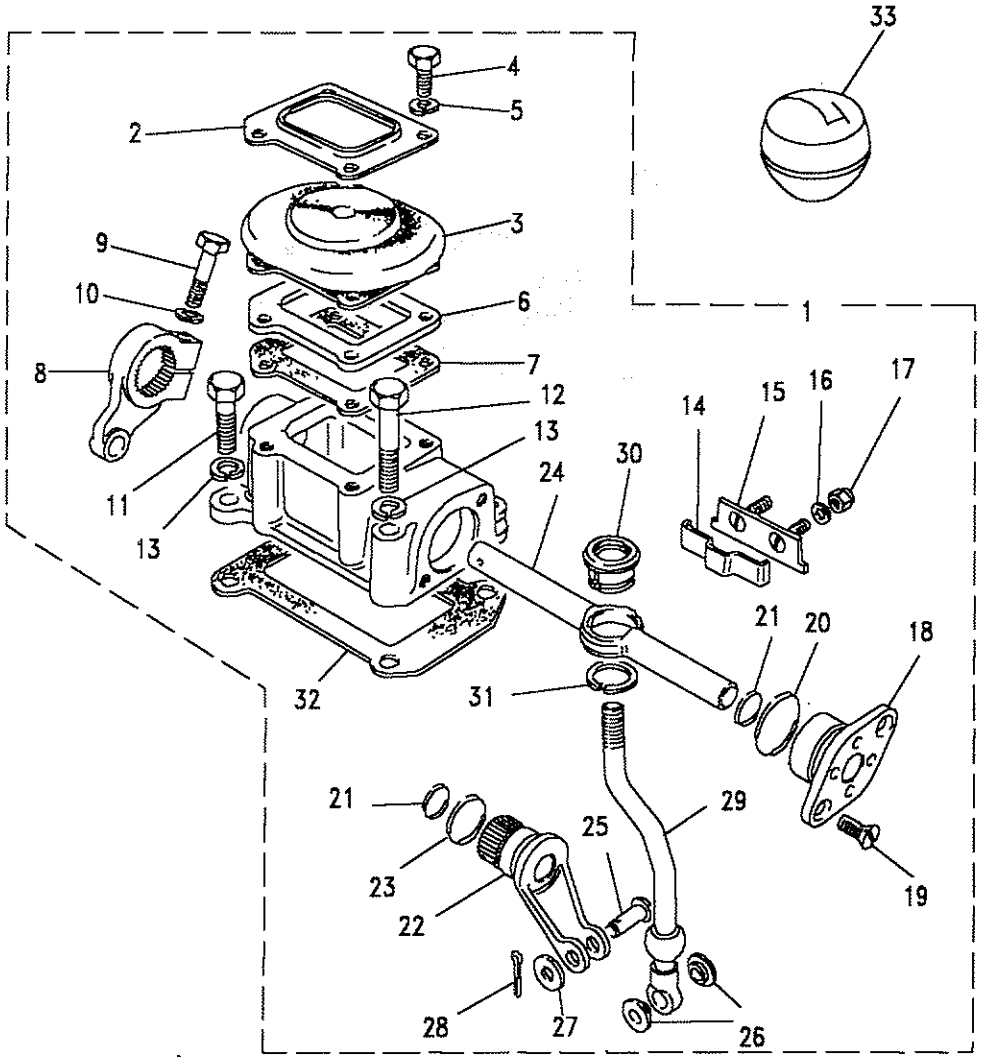



**Model** DEFENDER 90
**Page** ADDCKA1A

**TRANSFER GEARBOX - HIGH/LOW GEARS - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7434 | Gear output LOW | 1 | |
| 2 | RTC5064 | Hub assembly high/low | 1 | |
| 3 | FRC7429 | Gear output HIGH | 1 | Suffix B |
| | FRC9551 | Gear output HIGH | 1 | Suffix C |
| 4 | FRC7441 | Bush | 1 | |
| 5 | 606474 | Bearing | 1 | |
| 6 | FRC7970 | Nut bearing retainer | 1 | |
| 7 | FRC9513 | Shaft selector | 1 | |
| 8 | FRC5458 | Fork selector | 1 | |
| | FTC2859 | Fork selector | 1 | Note(1) |
| 9 | FRC7018 | Screw | 2 | |
| 10 | FRC7929 | Finger selector | 1 | |
| 11 | FRC8899 | Arm operating | 1 | |
| 12 | SU112101L | Plug detent | 1 | )Suffix B |
| 13 | FRC5562 | Spring detent | 1 | ) |
| 12 | FRC9549 | Plug detent | 1 | )Suffix C |
| 13 | FRC9546 | Spring detent | 1 | ) |
| 14 | 571146 | Ball detent | 1 | |

Note(1) From MA939976

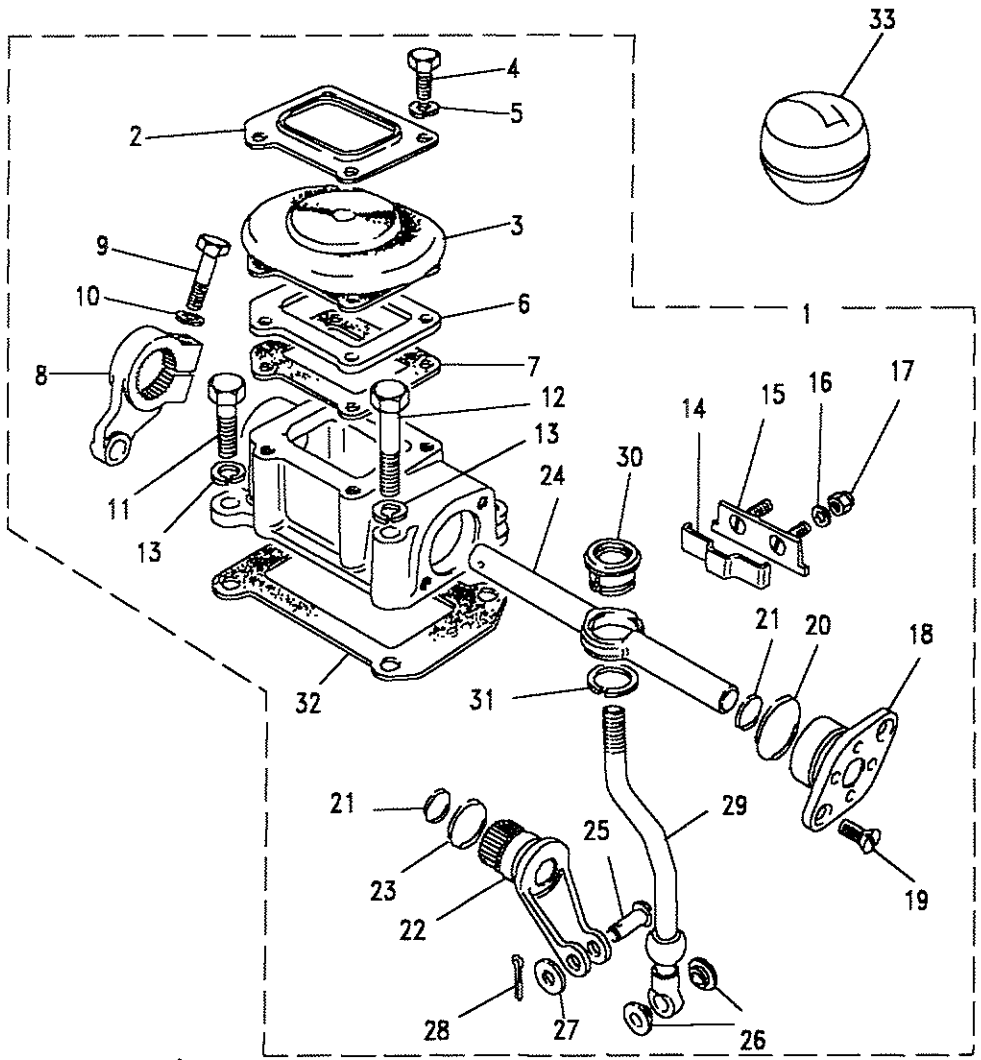



**Model** DEFENDER 90
**Page** ADDCMA1A

## TRANSFER GEARBOX - GEAR CHANGE - LT85

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7941 | Gear change assembly | 1 | |
| 2 | FRC6873 | Plate | 1 | |
| 3 | FRC6872 | Grommet | 1 | |
| 4 | FS106201L | Flange screw | 4 | |
| 5 | WA106041L | Washer | 4 | |
| 6 | FRC7944 | Gate Plate | 1 | |
| 7 | FTC4037 | Gasket gate plate | 1 | |
| 8 | FRC5478 | Arm operating | 1 | |
| 9 | BH106051L | Bolt | 1 | |
| 10 | WA106041L | Washer | 1 | |
| 11 | SH108251L | Screw | 2 | |
| 12 | BH108111L | Bolt | 2 | |
| 13 | WL108001L | Washer spring | 4 | |
| 14 | RTC1956 | Spring detent | 1 | |
| 15 | FRC6125 | Retainer spring | 1 | |
| 16 | WA105001L | Washer | 2 | |
| 17 | NY105041L | Nut | 2 | |
| 18 | FRC5574 | Cover end | 1 | |

Note(1) Part of gasket kit RTC3890

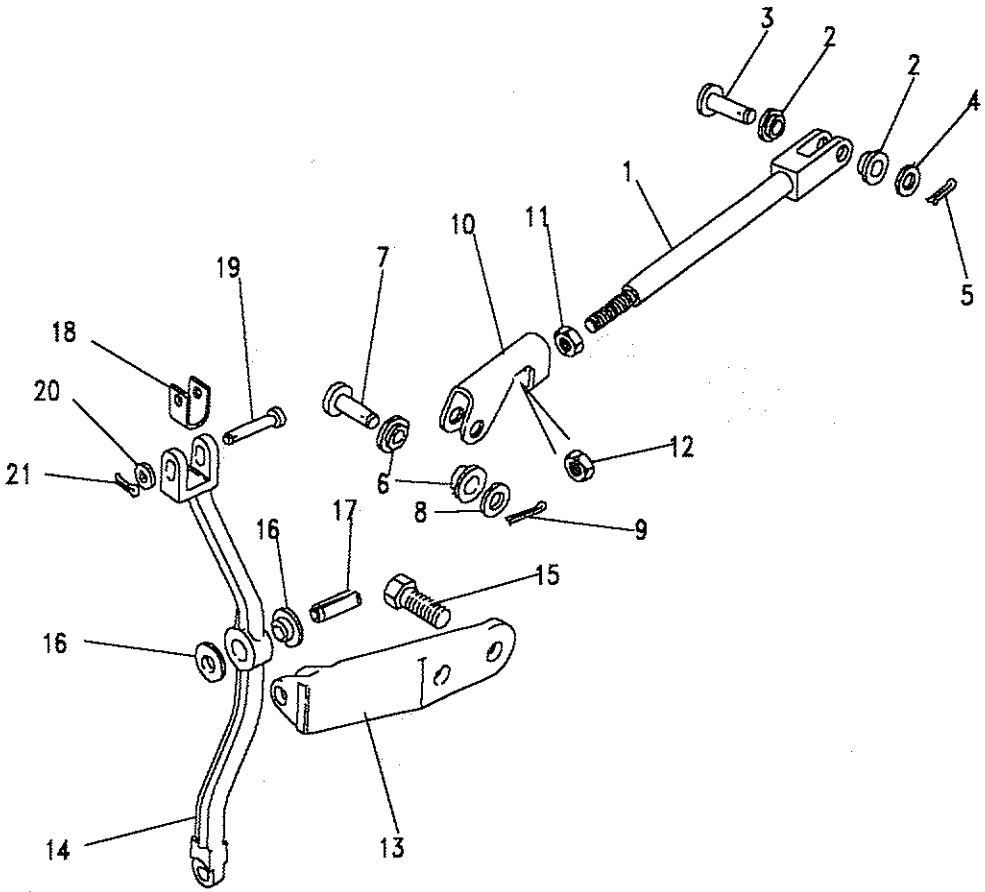



**Model** DEFENDER 90
**Page** ADDCMA1A

**TRANSFER GEARBOX - GEAR CHANGE - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | SF106201L | Screw | 2 | |
| 20 | FRC4565 | O ring | 1 | |
| 21 | FRC4509 | O ring | 2 | Note(1) |
| 22 | FRC5480 | Arm crank | 1 | |
| 23 | FRC5479 | O ring | 1 | Note(1) |
| 24 | FRC6117 | Cross Shaft | 1 | |
| 25 | PC108321L | Pin clevis | 1 | |
| 26 | FRC4499 | Bush | 2 | |
| 27 | WA108051L | Washer | 1 | |
| 28 | PS104121L | Pin split | 1 | |
| 29 | FRC8560 | Lever | 1 | |
| 30 | FRC5076 | Seat gear lever | 1 | |
| 31 | CR120215L | Circlip | 1 | |
| 32 | FTC4036 | Gasket g/change housing | 1 | |
| | FRC7930 | Plug housing | 1 | |
| 33 | FRC6595 | Knob | 1 | |

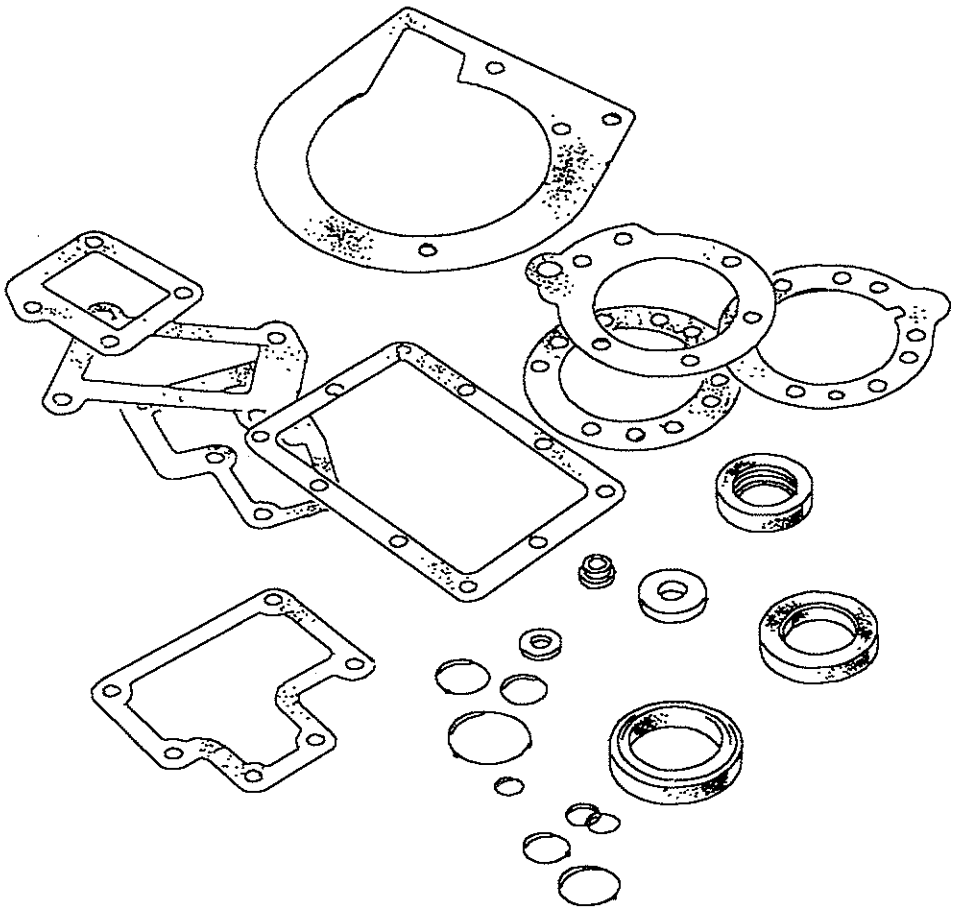
Note(1) Part of gasket kit RTC3890




**Model** DEFENDER 90
**Page** ADDCMA2A

**TRANSFER GEARBOX - ROD ASSEMBLY - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC7946 | Rod connecting | 1 | |
| 2 | FRC4499 | Bush | 2 | |
| 3 | PC108321L | Pin clevis | 1 | |
| 4 | WA108051L | Washer | 1 | |
| 5 | PS104121L | Pin split | 1 | |
| 6 | FRC4499 | Bush | 2 | |
| 7 | PC108321L | Pin clevis | 1 | |
| 8 | WA108051L | Washer | 1 | |
| 9 | PS104121L | Pin split | 1 | |
| 10 | FRC8075 | Clevis | 1 | |
| 11 | NY108041L | Nut | 1 | |
| 12 | NT108041L | Nut | 1 | |
| 13 | FRC8033 | Bracket pivot | 1 | |
| 14 | FRC8859 | Lever diff lock | 1 | |
| 15 | SH108251L | Screw | 2 | |
| 16 | FRC4499 | Bush | 2 | |
| 17 | FRC7325 | Pin | 1 | |
| 18 | FRC4505 | Nylon Strip | 1 | |
| 19 | PC105401L | Pin clevis | 1 | |
| 20 | WA105001L | Washer | 1 | |
| 21 | PS103101L | Pin split | 1 | |

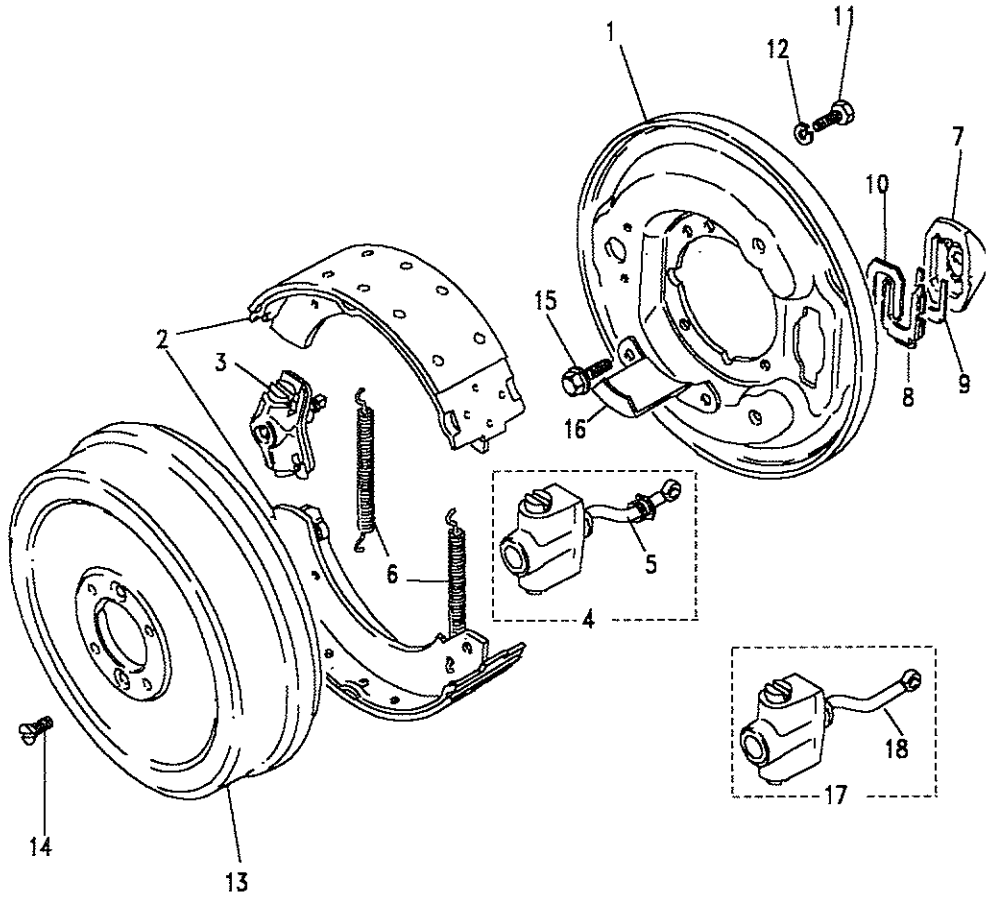


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**Model** DEFENDER 90
**Page** ADDCPA1A

**TRANSFER GEARBOX - GASKET KIT - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC3890 | Kit gasket and seals | 1 | |




**Model** DEFENDER 90
**Page** ADDCRA1A

**TRANSFER GEARBOX - TRANSMISSION BRAKE - LT85**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | AEU2733 | Backplate | 1 | ) |
| 2 | RTC3403 | Kit brake shoe | 1 | )UptoJULY1989 |
| 3 | 37H4558L | Adjuster assembly | 1 | ) |
| | 8G7019L | Kit service | 1 | ) |
| 1 | STC963 | Backplate | 1 | ) |
| 2 | RTC6179 | Kit brake shoe | 1 | )FromJULY1989 |
| 3 | STC244 | Adjuster assembly | 1 | )Asbestos free |
| | STC245 | Kit service | 1 | ) |
| 4 | AEU2734 | Expander brake | 1 | Note(1) |
| | AEU2735 | Kit service expander | 1 | |
| 5 | AEU2736 | Drawlink-with locknut | 1 | OLD TYPE |
| 6 | FRC8549 | Spring shoe return-GREEN | 2 | |
| | STC246 | Kit spring | 1 | FromJULY1989 |
| 7 | 515466 | Cover dust | 1 | |
| 8 | 515467 | Plate locking | 1 | |
| 9 | 515470 | Plate packing | 1 | |
| 10 | 515468 | Plate spring | 1 | |
| 11 | AEU2737 | Bolt | 2 | |
| 12 | AEU2738 | Washer | 2 | |
| 13 | FRC3502 | Drum brake | 1 | |
| 14 | SA108201L | Screw | 2 | |
| 15 | AFU1400 | Screw | 4 | |
| 16 | FRC8093 | Oil Catcher | 1 | |
| 17 | AEU2734 | Expander assembly | 1 | Note(1) |
| 18 | STC964 | Drawlink | 1 | NEW TYPE |

Note(1) When ordering AEU2734 the NEW TYPE drawlink will be supplied.

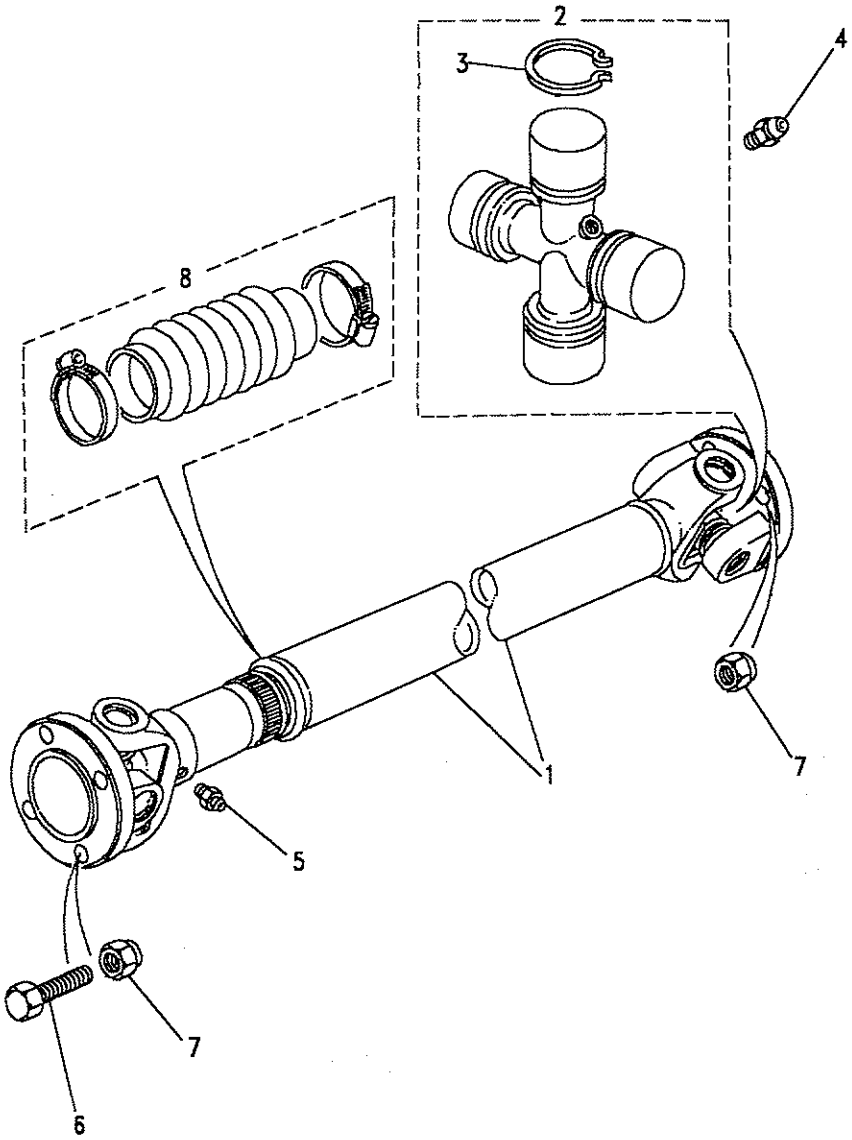
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GROUP E

AXLES AND SUSPENSION


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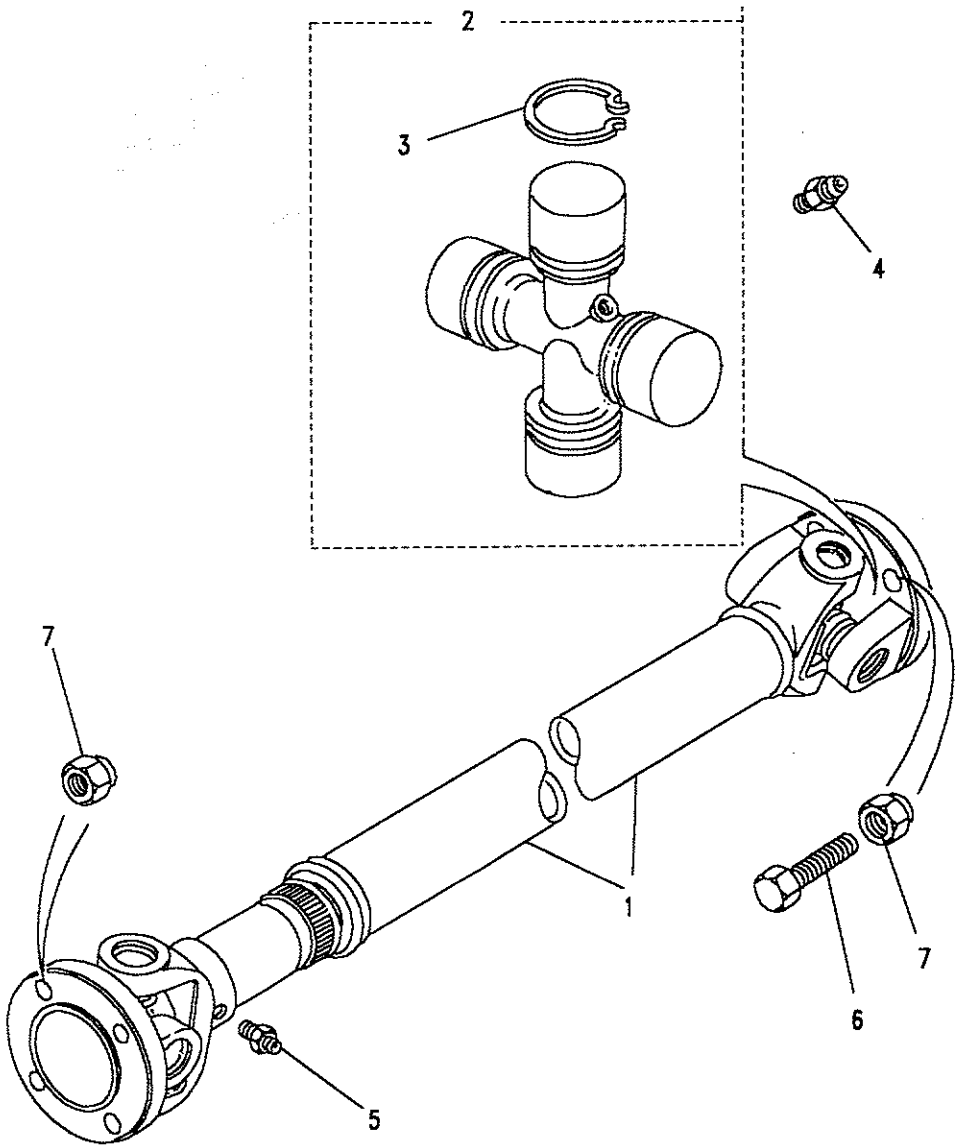



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## AXLES - FRONT PROPSHAFT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FRC5566 | Propellor shaft front | 1 | Note(1) |
| | FRC8390 | Propellor shaft front | 1 | Note(2) |
| | FRC6243 | Propellor shaft front | 1 | Note(3) |
| | FRC8386 | Propellor shaft front | 1 | Note(4)(5) |
| **All Variants** | | | | |
| 2 | RTC3346 | Universal Joint | 2 | Note(6) |
| | RTC3458 | Universal Joint | 2 | Note(7) |
| 3 | 242522 | Circlip | 8 | |
| 4 | 549229 | Nipple grease | 2 | |
| 5 | 234532 | Nipple grease | 1 | |
| 6 | 509045P | Bolt | 4 | Note(8) |
| 7 | NZ606041L | Nut | 8 | |
| 8 | 276484 | Grommet assembly | 1 | |

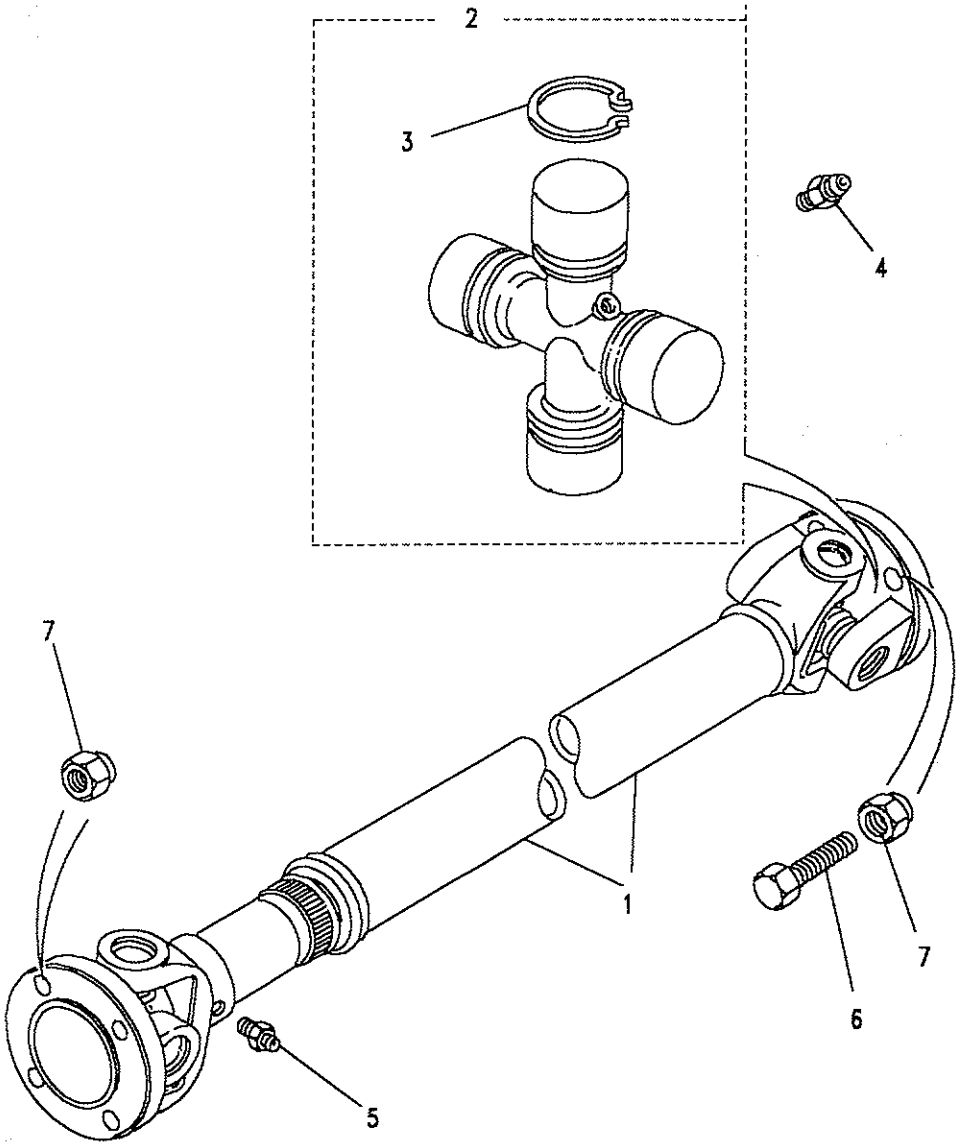
| | |
|---|---|
| Note(1) | 4 cyl Up to 252578 |
| Note(2) | 4 cyl From 252579 see Note 5 |
| Note(3) | V8 Up to 254406 |
| Note(4) | V8 From 254407 |
| Note(5) | TDI From MA939976 |
| Note(6) | For Propshafts: FRC5566 & FRC6243 |
| Note(7) | For Propshafts: FRC8390 & FRC8386 |
| Note(8) | For fixing bolts at transfer box - see page 439 |




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**Page** ADEXAC1A

## AXLES - REAR PROPSHAFT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| 1 | FRC7732 | Propellor shaft rear | 1 | 4 cylinder Upto VIN 252578 |
| | FRC8392 | Propellor shaft rear | 1 | 4 cylinder From VIN 252579 |
| | FRC8385 | Propellor shaft rear | 1 | V8 Upto VIN 254406 |
| | FRC8393 | Propellor shaft rear | 1 | V8 From VIN 254407 |
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FRC8392 | Propellor shaft rear | 1 | 4 cylinder |
| | FRC8393 | Propeller shaft rear | 1 | 4 Cylinder Axles with remote breathers |
| | FRC8392 | Propellor shaft rear | 1 | 4 cylinder Heavy Duty |
| | FRC8393 | Propellor shaft rear | 1 | V8 |

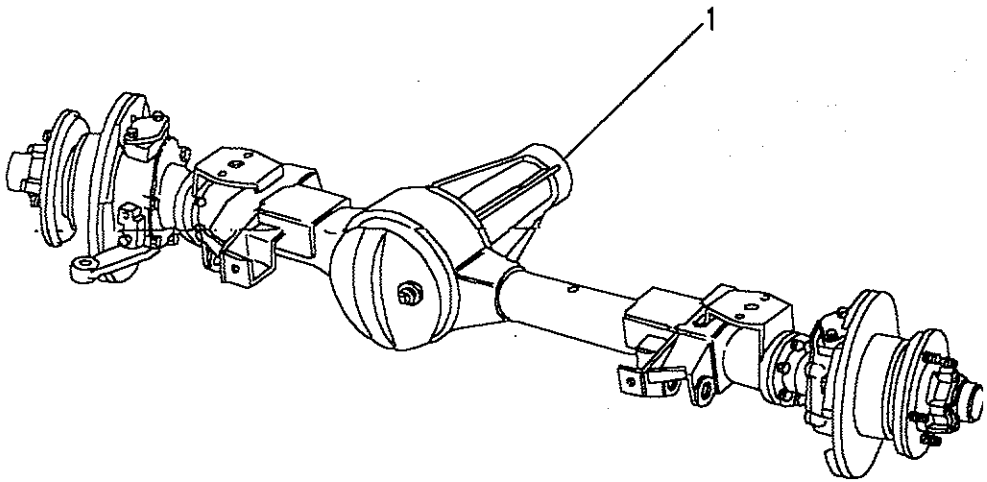



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## AXLES - REAR PROPSHAFT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **All Derivatives** | | | | |
| 2 | RTC3346 | Universal Joint | 2 | Note(1) |
| | RTC3458 | Universal Joint | 2 | Note(2) |
| 3 | 242522 | Circlip | 8 | |
| 4 | 549229 | Nipple grease | 2 | |
| 5 | 234532 | Nipple grease | 1 | |
| 6 | 509045P | Bolt | 4 | Note(3) |
| 7 | NZ606041L | Nut | 8 | |

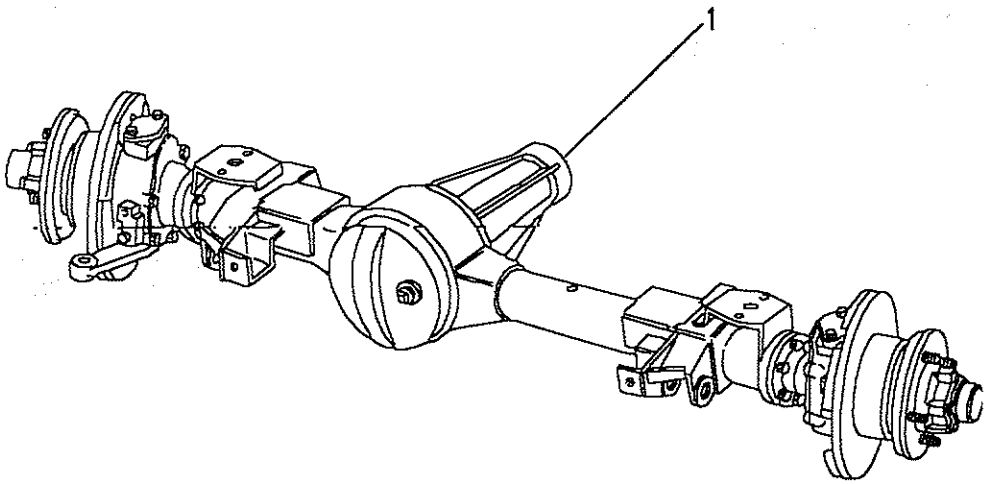
Note(1) For Propshafts: FRC7732 & FRC8385
Note(2) For Propshafts: FRC8392 & FRC8393
Note(3) For fixing bolt at transfer box - see page 440




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## FRONT AXLE - FRONT AXLE ASSEMBLY - UPTO VIN 930455

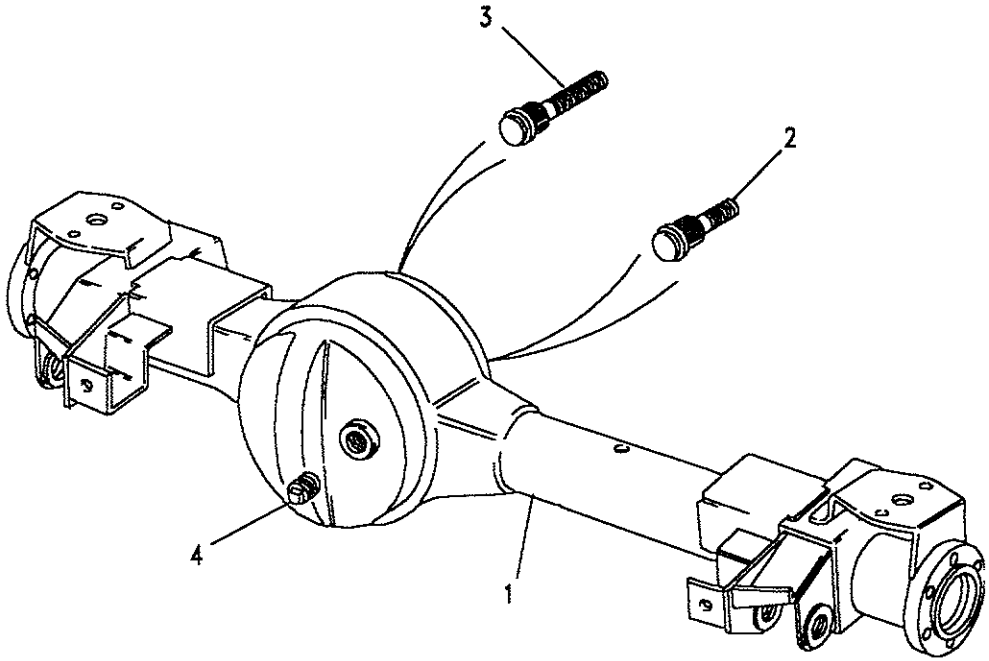
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **Upto VIN HA701009** | | | | |
| 1 | FRC9454 | Axle assembly front-RHS | 1 | 22L<br>NLA use FRC8782 |
| 1 | FRC9455 | Axle assembly front-LHS | 1 | 23L |
| **From VIN HA701010** | | | | |
| 1 | FRC8782 | Axle assembly front-RHS | 1 | Upto 22L12545C |
| 1 | FTC3280 | Axle assembly front-RHS | 1 | From 22L12546C |
| 1 | FRC8783 | Axle assembly front-LHS | 1 | Upto 23L16310C |
| 1 | FTC3281 | Axle assembly front-LHS | 1 | From 23L16311C |




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## FRONT AXLE - FRONT AXLE ASSEMBLY - FROM VIN LA930456

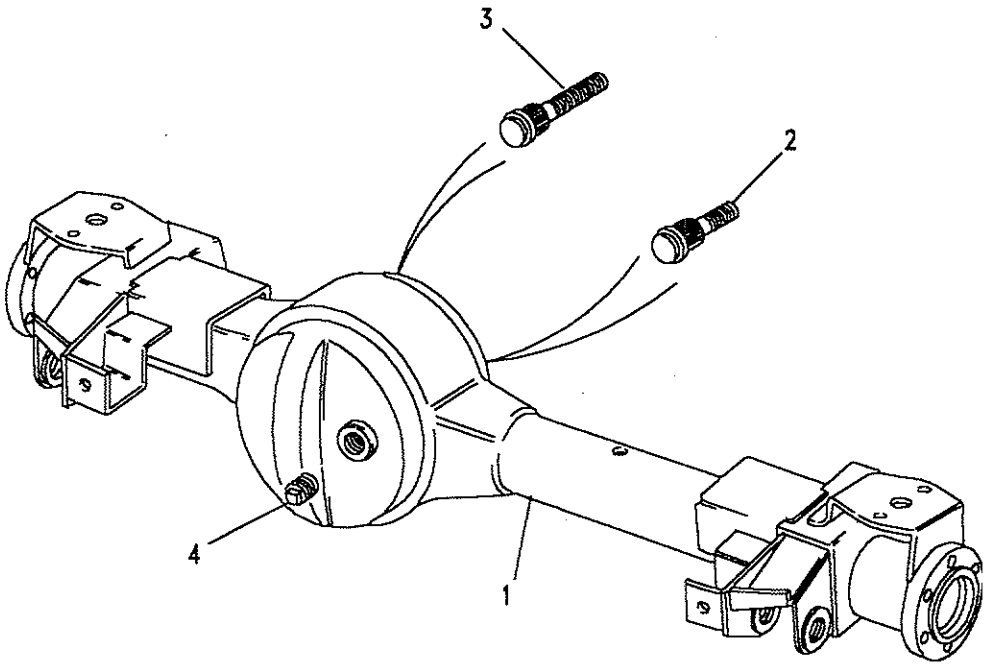
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| **4 Cylinder** | | | | |
| 1 | FTC3302 | Axle assembly front-RHS | 1 | 61L |
| | FTC3303 | Axle assembly front-LHS | 1 | 62L |
| **4 Cylinder Heavy Duty** | | | | |
| 1 | FTC3300 | Axle assembly front-RHS | 1 | 63L |
| | FTC3301 | Axle assembly front-LHS | 1 | 64L |
| **V8** | | | | |
| 1 | FTC3300 | Axle assembly front-RHS | 1 | 63L |
| 1 | FTC3301 | Axle assembly front-LHS | 1 | 64L |




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**Page** ADEXCC1A

**FRONT AXLE - FRONT AXLE CASE - UPTO VIN 930455**

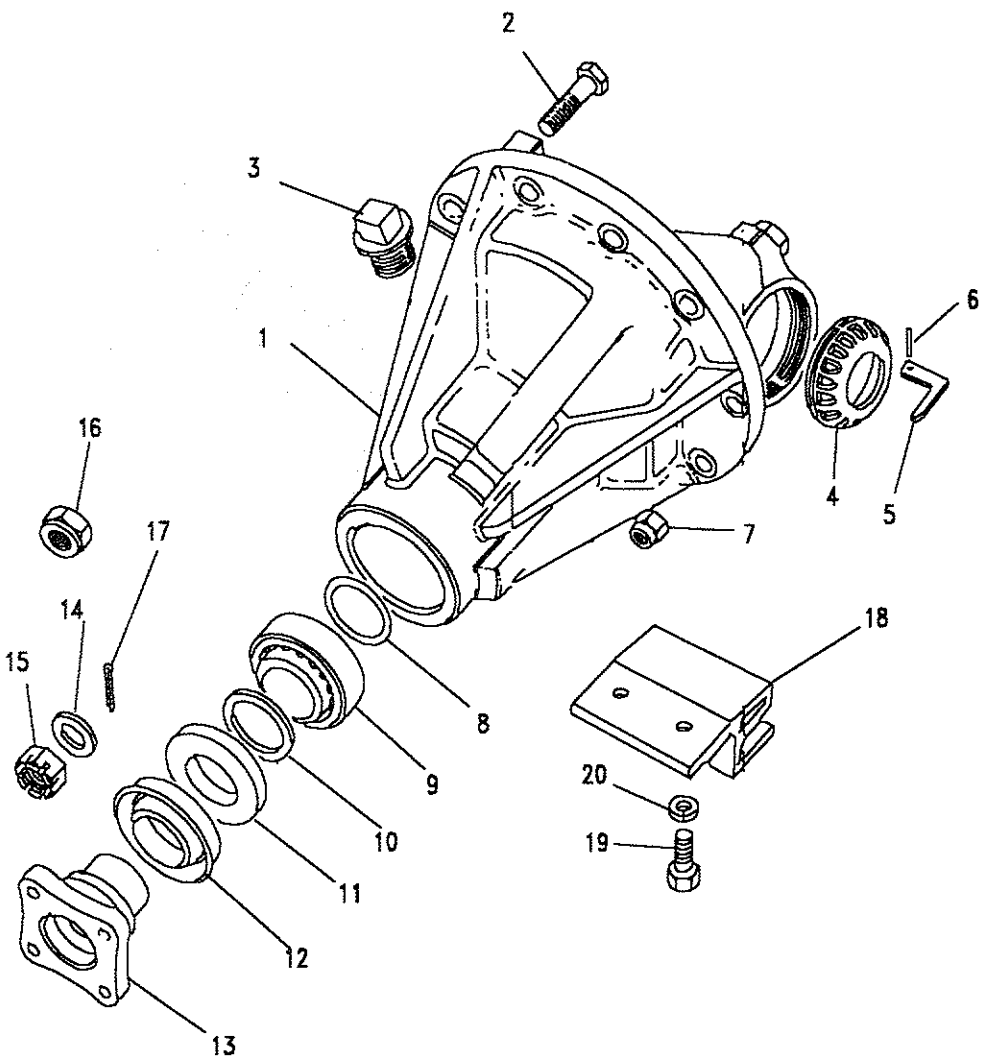
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| 1 | FRC4307 | Axle case front | 1 | |
| 2 | 561195 | Stud 3/8unf x 11/4 | 4 | |
| 3 | 561196 | Stud 3/8unf x 13/4 | 6 | |
| 4 | 608246 | Plug | 2 | |




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**Page** ADEXCC2A

**FRONT AXLE - FRONT AXLE CASE - FROM VIN LA930456**

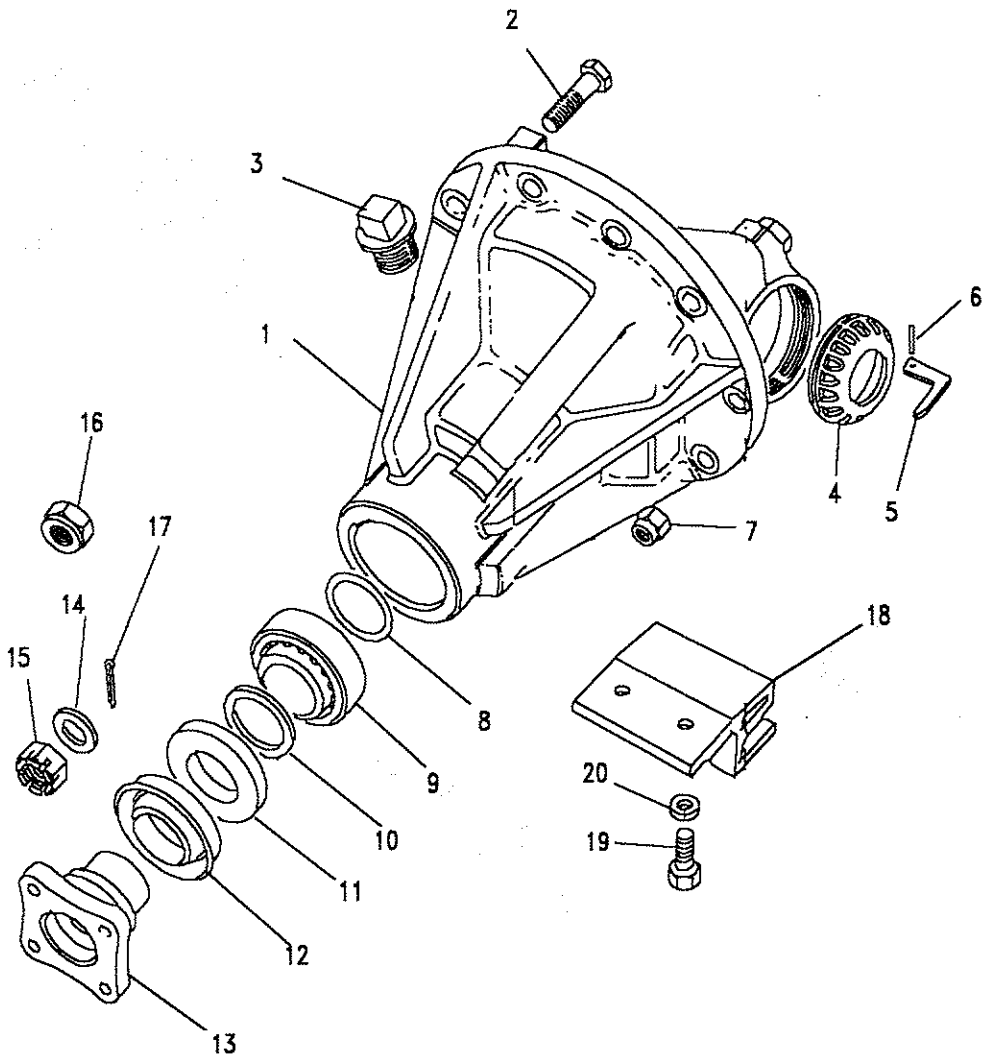
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FTC2223 | Case axle front | 1 | |
| 2 | 561195 | Stud 3/8unf x 11/4 | 4 | Upto 62L00833A |
| | 561196 | Stud 3/8unf x 13/4 | 4 | From 62L00834A |
| 3 | 561196 | Stud 3/8unf x 13/4 | 6 | |
| 4 | 608246 | Plug | 2 | |




**Model** DEFENDER 90
**Page** ADEXCE1A

**FRONT AXLE - FRONT DIFFERENTIAL - UPTO VIN LA930455**

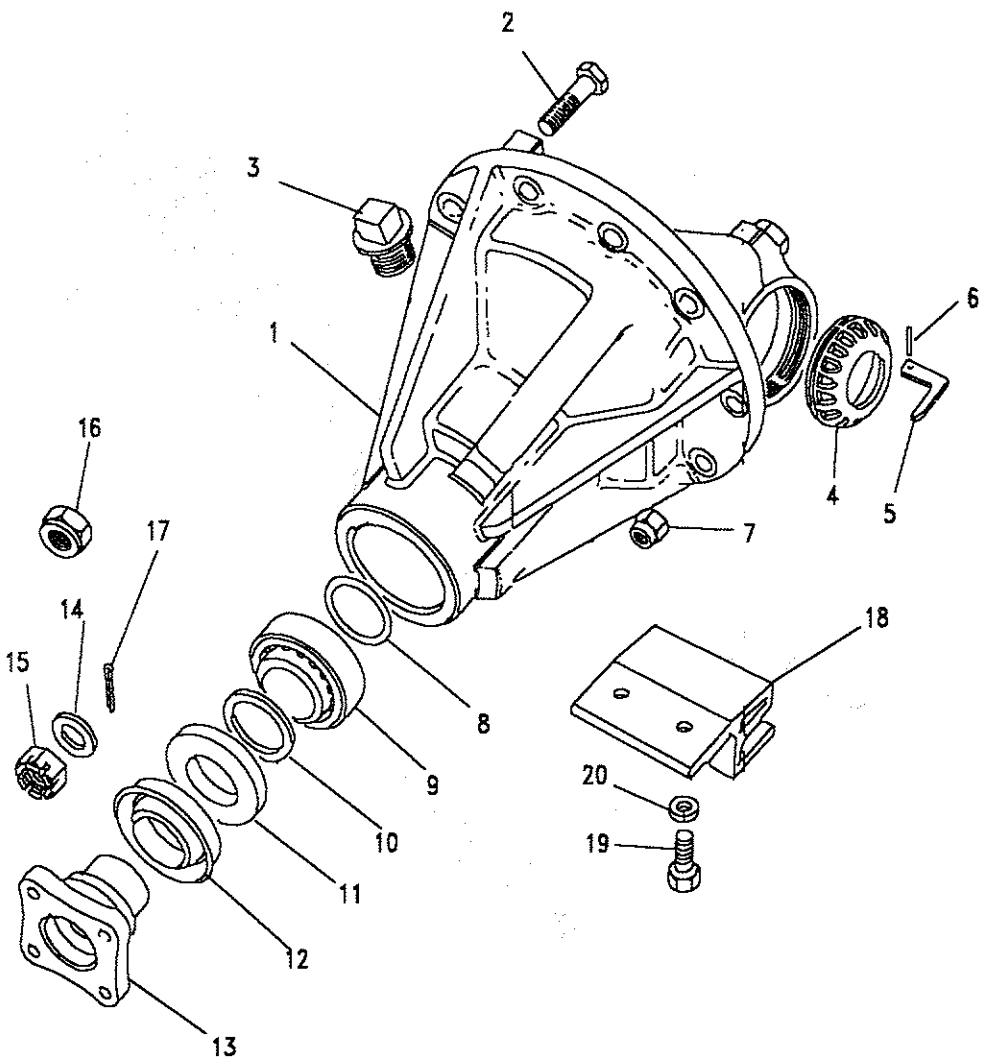
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| | FTC2750 | Differential assy 3.54:1 | 1 | |
| | FTC2750R | Differential assembly | 1 | Rebuilt |
| 1 | FRC5690 | Housing pinion | 1 | |
| 2 | BH112101L | Bolt | 4 | |
| 3 | 608246 | Plug | 1 | |
| 4 | FRC5204 | Lock ring | 2 | |
| 5 | FRC5661 | Locking tab | 2 | |
| 6 | 576159 | Pin spring | 2 | |
| 7 | NY606041L | Nut 3/8 UNF NYLOC | 10 | |
| 8 | FRC1193 | Shim 0.060" | 2 | |
| | FRC1195 | Shim 0.062" | 2 | |
| | FRC1197 | Shim 0.064" | 2 | |
| | FRC1199 | Shim 0.066" | 2 | |
| | FRC1201 | Shim 0.068" | 2 | |
| | FRC1203 | Shim 0.070" | 2 | |
| | 539718 | Shim 0.072" | 2 | |
| | 539720 | Shim 0.074" | 2 | |
| | 539722 | Shim 0.076" | 2 | |
| | 539724 | Shim 0.078" | 2 | |




**Model** DEFENDER 90
**Page** ADEXCE1A

**FRONT AXLE - FRONT DIFFERENTIAL - UPTO VIN 930455**

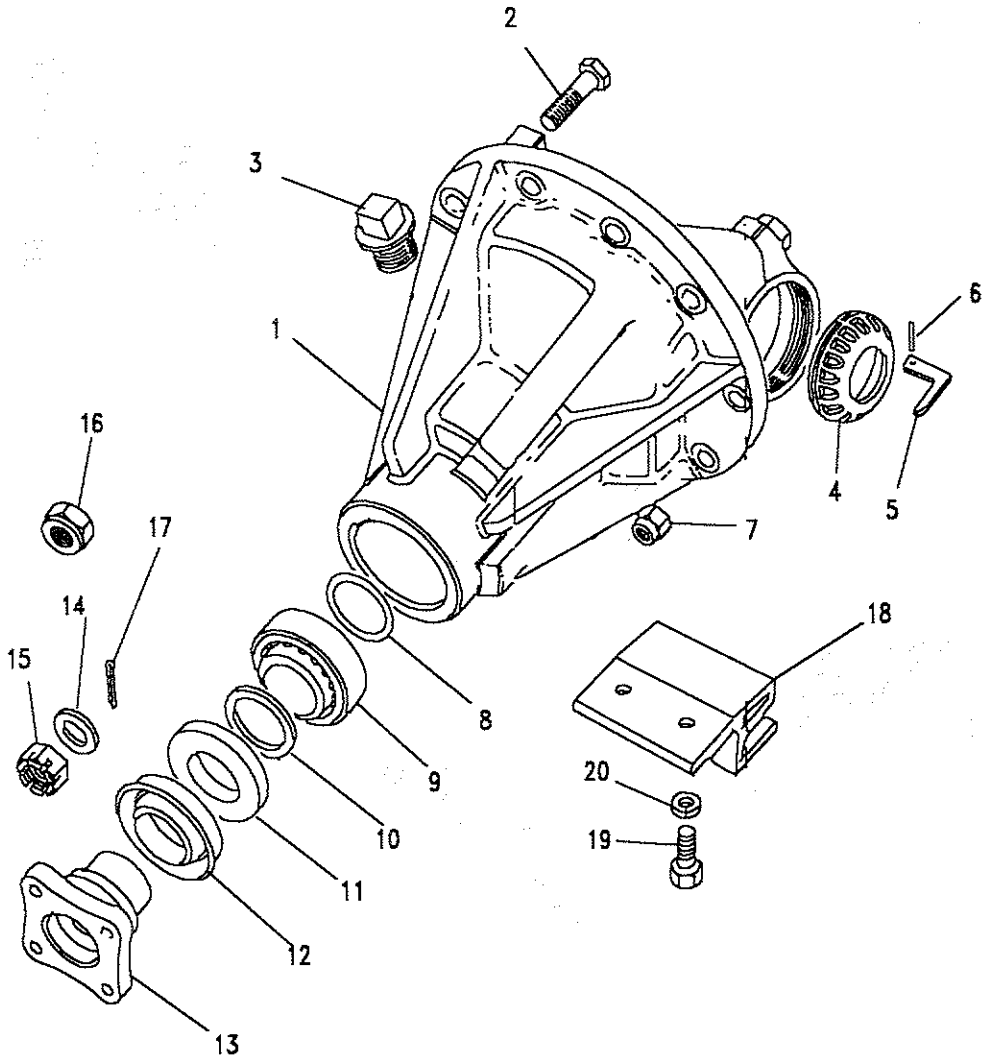
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 9 | 539707 | Bearing pinion | 1 | |
| 10 | 539745 | Spacer | 1 | |
| 11 | FRC8220 | Oil seal | 1 | |
| 12 | FRC8154 | Shield mud | 1 | |
| 13 | FRC3002 | Flange | 1 | |
| 14 | 90513454 | Washer plain | 1 | |
| 15 | 3259 | Nut castle | 1 | |
| 16 | NY116041 | Nut nyloc | 1 | |
| 17 | PS608101L | Pin split | 1 | |
| 18 | NRC9713 | Bracket-Track Rod Protect | 1 | |
| 19 | SH406061L | Bolt | 2 | |
| 20 | WM600061 | Washer spring | 2 | |




**Model** DEFENDER 90
**Page** ADEXCE2A

**FRONT AXLE - FRONT DIFFERENTIAL - FROM VIN LA930456**

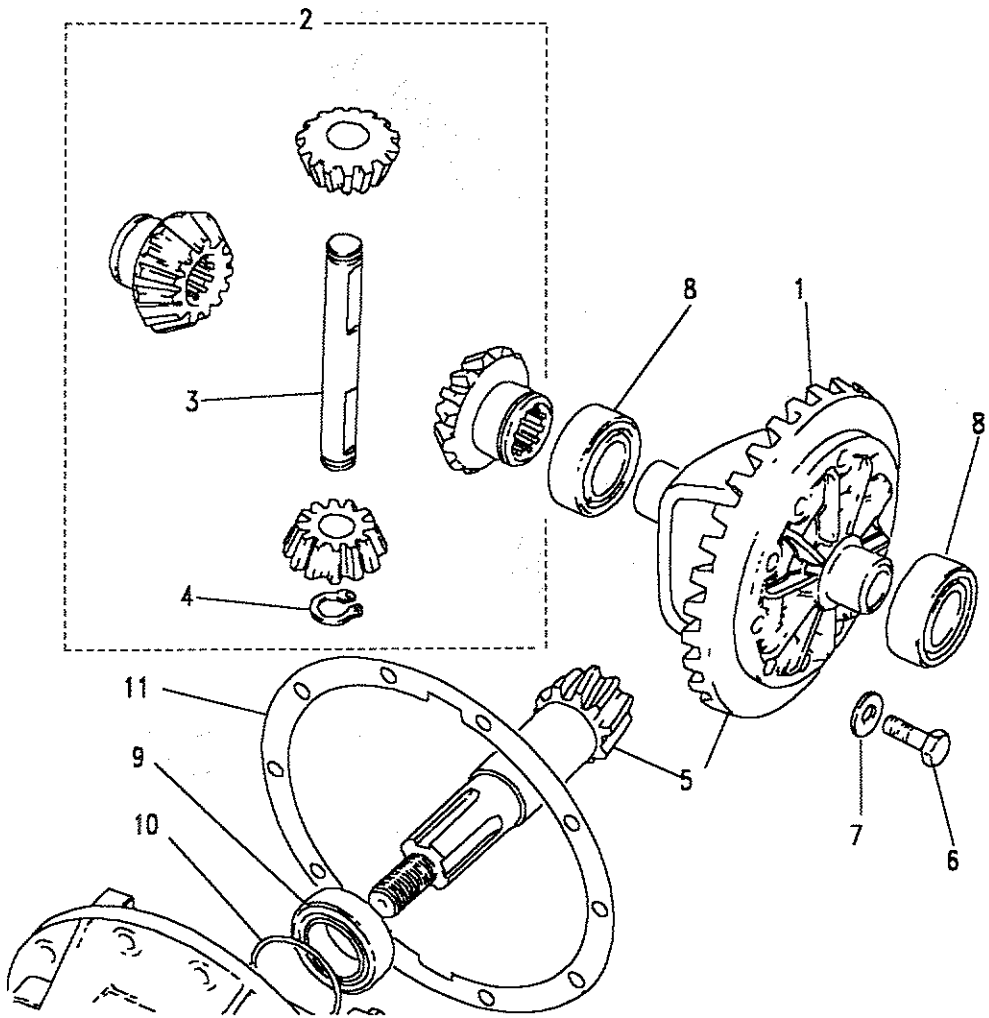
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| | FTC3272 | Differential assembly | 1 | |
| | FTC3272R | Differential assembly | 1 | Rebuilt |
| 1 | FRC4112 | Housing pinion | 1 | |
| 2 | BH112101L | Bolt | 4 | |
| 3 | 608246 | Plug | 1 | |
| 4 | FRC5204 | Lock ring | 2 | |
| 5 | FRC5661 | Locking tab | 2 | |
| 6 | 576159 | Pin spring | 2 | |
| 7 | NY606041L | Nut 3/8 UNF nyloc | 10 | |
| **Selective Shim - tail pinion bearing - A/R** | | | | |
| 8 | FTC3869 | 2.155mm | | |
| | FTC3871 | 2.105mm | | |
| | FTC3873 | 2.080mm | | |
| | FTC3875 | 2.005mm | | |
| | FTC3877 | 1.955mm | | |
| | FTC3879 | 1.905mm | | |
| | FTC3881 | 1.855mm | | |
| | FTC3883 | 1.805mm | | |
| | FTC3885 | 1.755mm | | |
| | FTC3887 | 1.705mm | | |
| | FTC3889 | 1.655mm | | |
| | FTC3891 | 1.605mm | | |
| | FTC3893 | 1.555mm | | |
| | FTC3895 | 1.505mm | | |




**Model** DEFENDER 90
**Page** ADEXCE2A

**FRONT AXLE - FRONT DIFFERENTIAL - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 9 | 539707 | Bearing pinion | 1 | |
| 10 | 539745 | Spacer | 1 | |
| 11 | FRC8220 | Oil seal | 1 | |
| 12 | FRC8154 | Shield mud | 1 | |
| 13 | FRC3002 | Flange | 1 | |
| 14 | 90513454 | Washer plain | 1 | |
| 15 | 3259 | Nut castle | 1 | |
| 16 | NY116041 | Nut nyloc | 1 | |
| 17 | PS608101L | Pin split | 1 | |
| 18 | NRC9713 | Bracket-Track Rod Protect | 1 | |
| 19 | SH406061L | Bolt | 2 | |
| 20 | WM600061 | Washer spring | 2 | |

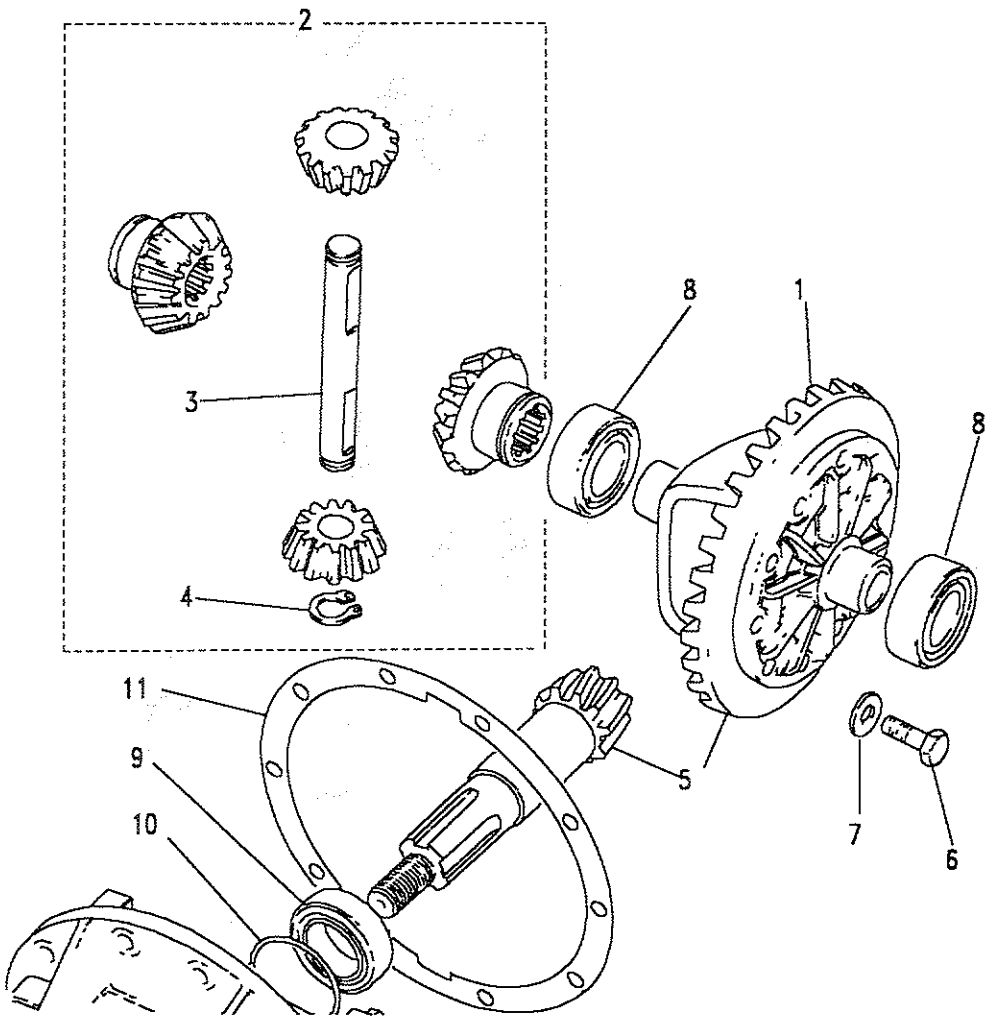



**Model** DEFENDER 90
**Page** ADEXCG1A

**FRONT AXLE - FRONT DIFFERENTIAL - UPTO VIN 930455**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| 1 | FRC2933 | Case differential | 1 | |
| 2 | STC851 | Kit gear differential | 1 | |
| 3 | 599945 | Cross Shaft | 1 | |
| 4 | CCN110L | Circlip | 2 | |
| 5 | FTC781 | Crownwheel and pinion | 1 | Note(1) |
| 6 | 593692 | Bolt | 10 | |
| 7 | 593693 | Washer plain | 10 | |
| 8 | RTC2726 | Bearing differential | 2 | |
| | STC1602 | Bearing differential | 2 | Suffix C |
| 9 | 539706 | Bearing pinion | 1 | |

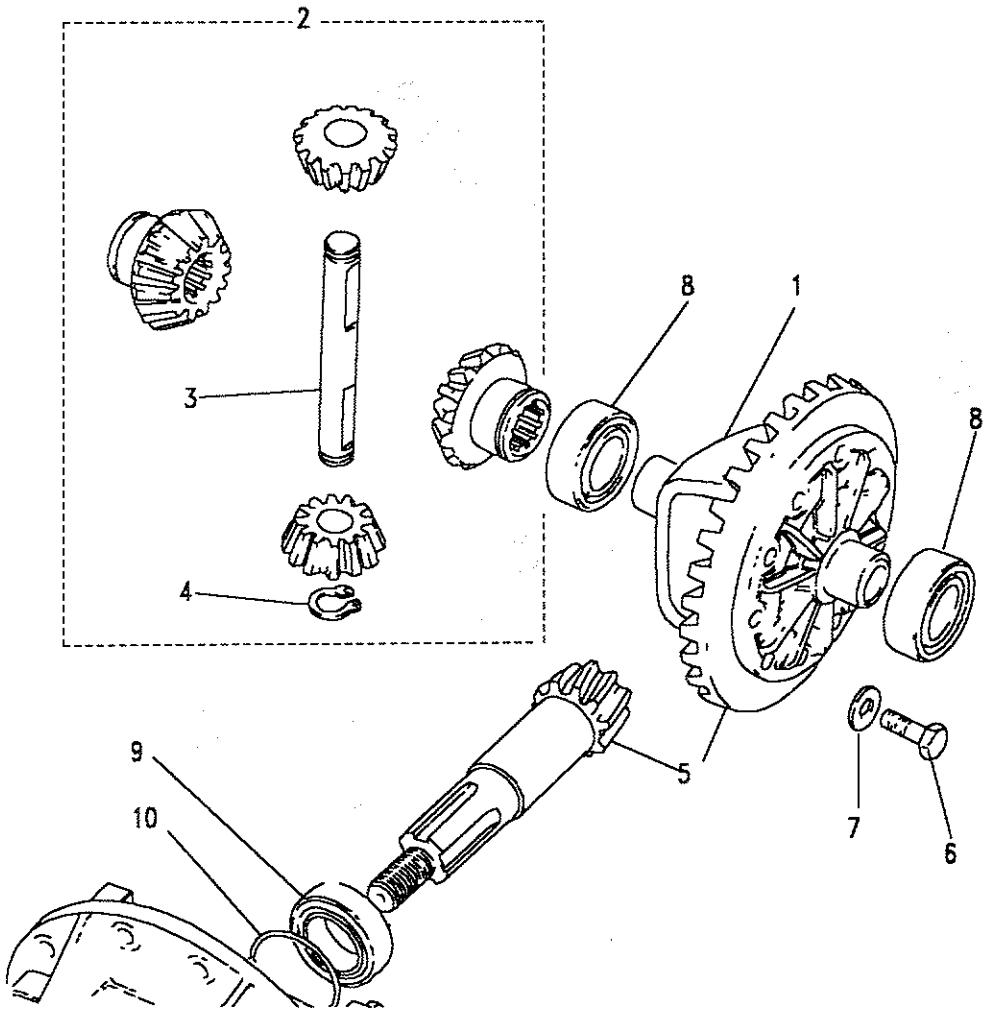
Note(1) Flange FRC3002 may be required on early models




**Model** DEFENDER 90
**Page** ADEXCG1A

**FRONT AXLE - FRONT DIFFERENTIAL - UPTO VIN 930455**

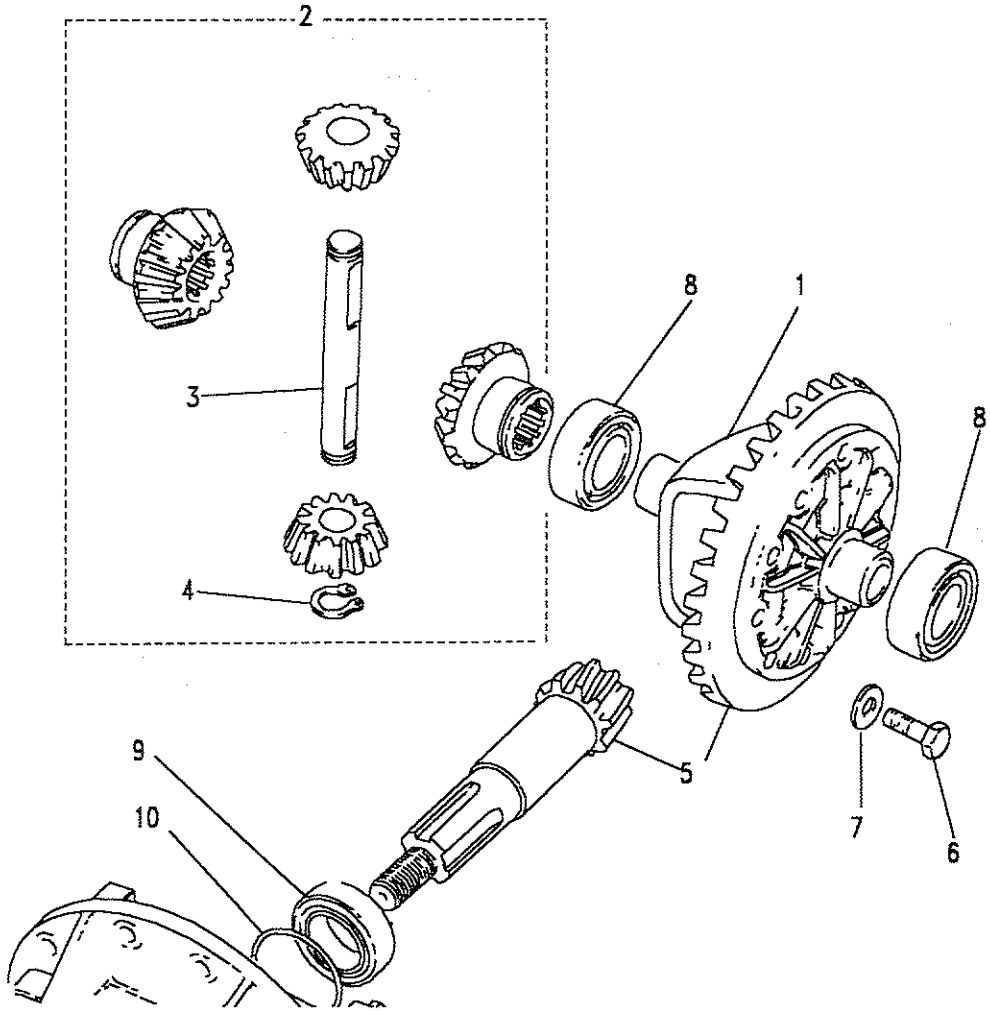
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 10 | 549230 | Shim 0.038" | 1 | |
| | 549232 | Shim 0.040" | 1 | |
| | 549234 | Shim 0.042" | 1 | |
| | 549236 | Shim 0.044" | 1 | |
| | 549238 | Shim 0.046" | 1 | |
| | 549240 | Shim 0.048" | 1 | |
| | 549242 | Shim 0.050" | 1 | |
| | 549244 | Shim 0.052" | 1 | |
| | 549246 | Shim 0.054" | 1 | |
| | 549248 | Shim 0.056" | 1 | |
| | 549250 | Shim 0.058" | 1 | |
| | 549252 | Shim 0.060" | 1 | |
| | 576236 | Shim 0.062" | 1 | |
| | 576237 | Shim 0.063" | 1 | |
| | 576238 | Shim 0.064" | 1 | |
| | 576239 | Shim 0.065" | 1 | |
| 11 | 7316 | Joint Washer | 1 | |




**Model** DEFENDER 90
**Page** ADEXCG2A

**FRONT AXLE - FRONT DIFFERENTIAL - FROM VIN LA930456**

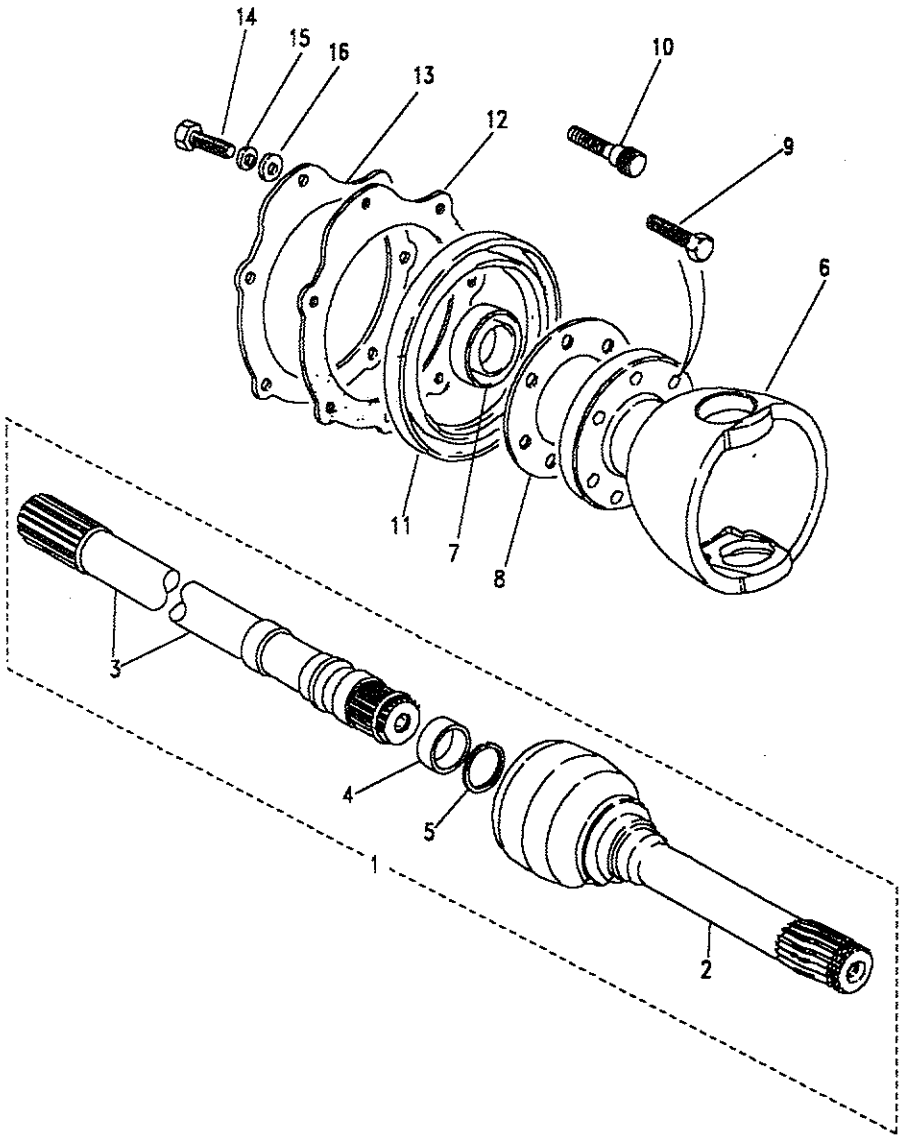
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FRC2933 | Case differential | 1 | Suffix A/B |
| | FTC3269 | Case differential | 1 | Suffix C |
| 2 | STC851 | Kit gear differential | 1 | Suffix A/B |
| | FTC3267 | Wheel differential | 2 | Suffix C |
| | FTC3268 | Pinion differential | 2 | Suffix C |
| 3 | 599945 | Cross Shaft | 1 | |
| 4 | CCN110L | Circlip | 2 | |
| 5 | FTC3620 | Crownwheel and pinion | 1 | |
| 6 | 593692 | Bolt | 10 | Suffix A/B |
| | FTC3586 | Bolt | 10 | Suffix C |
| 7 | 593693 | Washer plain | 10 | |
| 8 | RTC2726 | Bearing differential | 2 | |
| | STC1602 | Bearing differential | 2 | Suffix C |
| 9 | 539706 | Bearing pinion | 1 | |




**Model** DEFENDER 90
**Page** ADEXCG2A

**FRONT AXLE - FRONT DIFFERENTIAL - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Selective Shim - pinion bearing head - A/R** | | | | |
| 10 | FTC3853 | 1.548mm | | |
| | FTC3855 | 1.498mm | | |
| | FTC3857 | 1.448mm | | |
| | FTC3859 | 1.398mm | | |
| | FTC3861 | 1.348mm | | |
| | FTC3863 | 1.298mm | | |
| | FTC3865 | 1.248mm | | |
| | FTC3867 | 1.198mm | | |

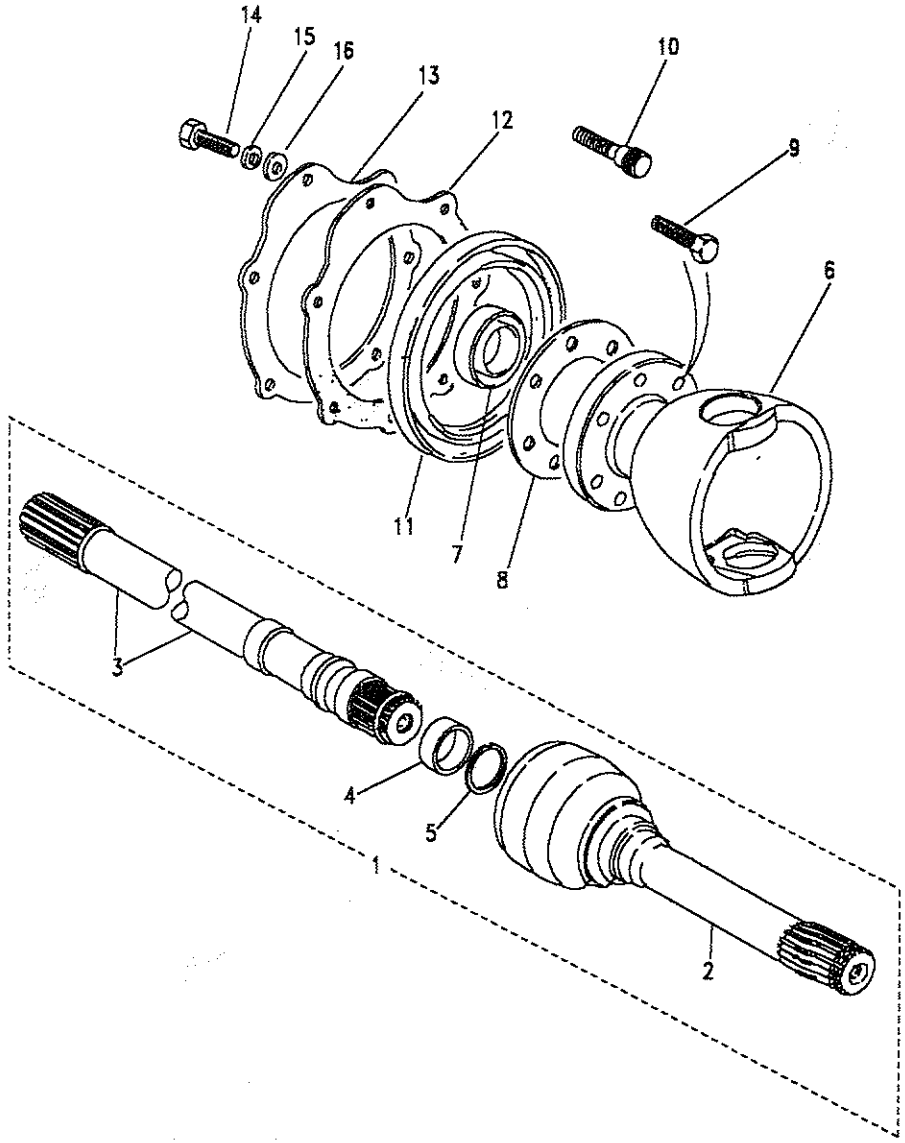



**Model** DEFENDER 90
**Page** ADEXCI1A

## FRONT AXLE - DRIVE SHAFTS - UPTO VIN 930455

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| 1 | FRC3890 | Halfshaft assembly-RH | 1 | Note(1) |
| | FRC3891 | Halfshaft assembly-LH | 1 | Note(1) |
| | FTC1332 | Halfshaft assembly-RH | 1 | Note(2) |
| | FTC1333 | Halfshaft assembly-LH | 1 | Note(2) |
| 2 | AEU2522 | Constant velocity joint | 2 | Note(1) |
| | RTC6862 | Constant velocity joint | 2 | Note(2) |
| 3 | AEU2520 | Shaft RH | 1 | Note(1) |
| | AEU2521 | Shaft LH | 1 | Note(1) |
| | RTC6754 | Shaft RH | 1 | Note(2) |
| | RTC6755 | Shaft LH | 1 | Note(2) |
| 4 | FTC254 | Spacer | 2 | Note(1) |
| | RTC5841 | Spacer | 2 | Note(2) |
| 5 | RTC4820 | Circlip | 2 | Note(1) |
| 5 | STC579 | Circlip | 2 | Note(2) |
| 6 | FRC2644 | Housing bearing | 2 | |
| 7 | 571718 | Oil seal | 2 | |
| 8 | FTC3646 | Joint washer | 2 | |
| 9 | FTC3456 | Bolt swivel housing | 12 | |
| 10 | FTC3454 | Dowel Bolt | 2 | |
| | FRC8530 | Washer | 14 | |
| 11 | FRC2889 | Oil seal | 2 | Note(3) |
| | FTC3401 | Oil seal | 2 | Note(4) |

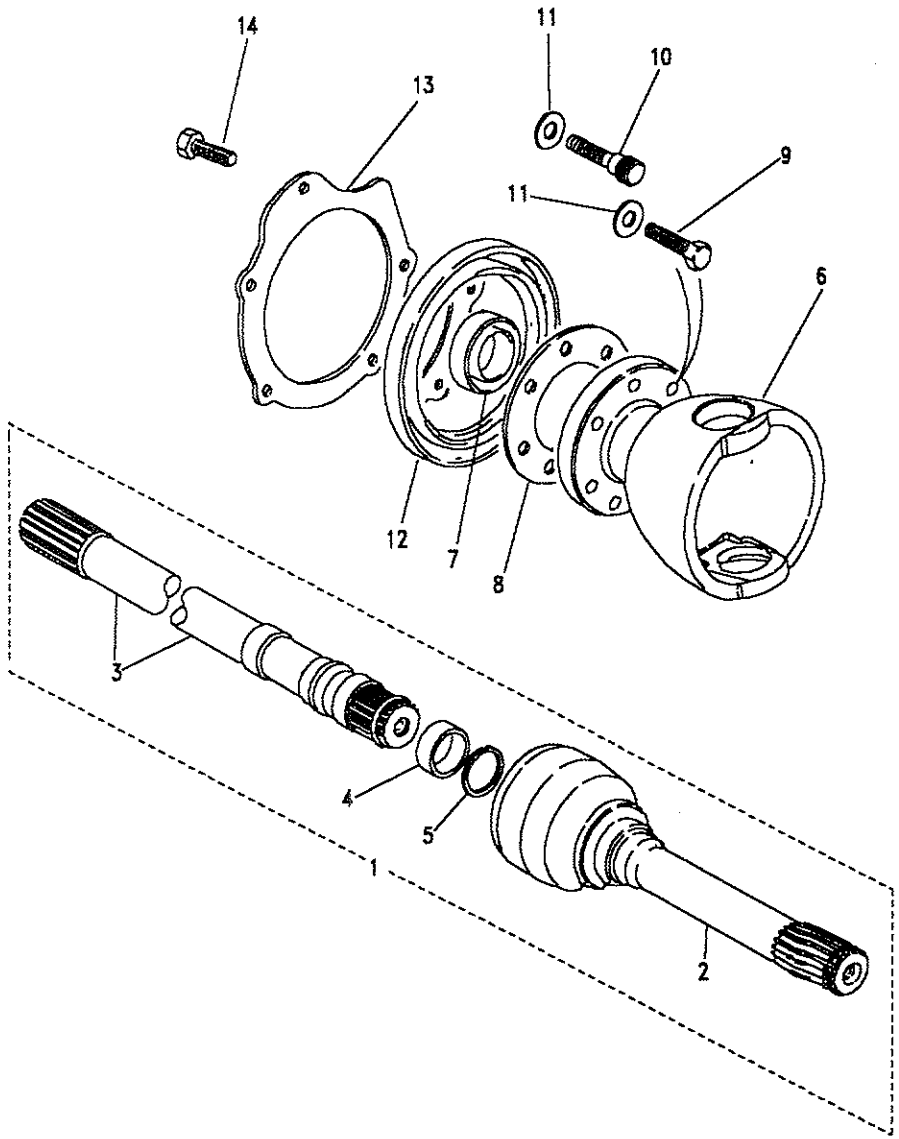
Note(1) Upto 22L27847 RHS 23L12092 LHS
Note(2) From 22L27848 RHS 23L12093 LHS also 20L RHS and 21L LHS
Note(3) Upto 20L74081C RHS 21L55147C LHS
Note(4) Upto 20L74082C RHS 21L55148C LHS




**Model** DEFENDER 90
**Page** ADEXCI1A

**FRONT AXLE - DRIVE SHAFTS - UPTO VIN 930455**

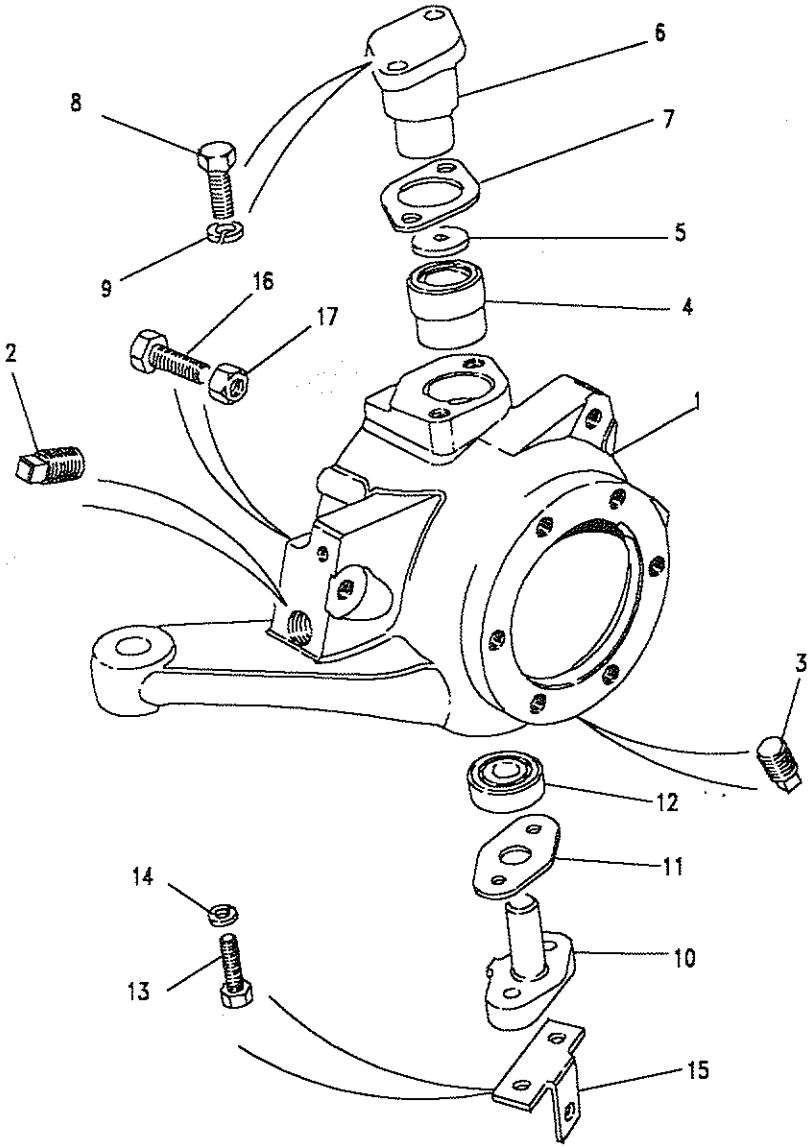
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 12 | FRC4206 | Joint washer | 2 | |
| 13 | FRC4142 | Plate retaining | 2 | |
| 14 | SH106121 | Screw | 14 | |
| 15 | WL106001 | Washer spring | 14 | |
| 16 | WA106001L | Washer plain | 14 | |




**Model** DEFENDER 90
**Page** ADEXCI2A

**FRONT AXLE - DRIVE SHAFTS - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FTC3148 | Halfshaft assembly RH | 1 | |
| | FTC3149 | Halfshaft assembly LH | 1 | |
| 2 | | Constant velocity joint | 2 | NSP |
| 3 | | Shaft RH | 1 | NSP |
| | | Shaft LH | 1 | NSP |
| 4 | | Spacer | 2 | NSP |
| 5 | STC579 | Circlip | 2 | |
| 6 | FRC7065 | Housing bearing | 2 | |
| 7 | FTC3276 | Oil seal | 2 | |
| 8 | FTC3646 | Joint washer | 2 | |
| 9 | FTC3456 | Bolt swivel housing | 6 | |
| 10 | FTC3454 | Dowel Bolt | 2 | |
| 11 | FRC8530 | Washer | 14 | |
| 12 | FTC3401 | Oil seal | 2 | |
| 13 | 571755 | Plate retaining | 2 | |
| 14 | SH106121L | Screw | 14 | |

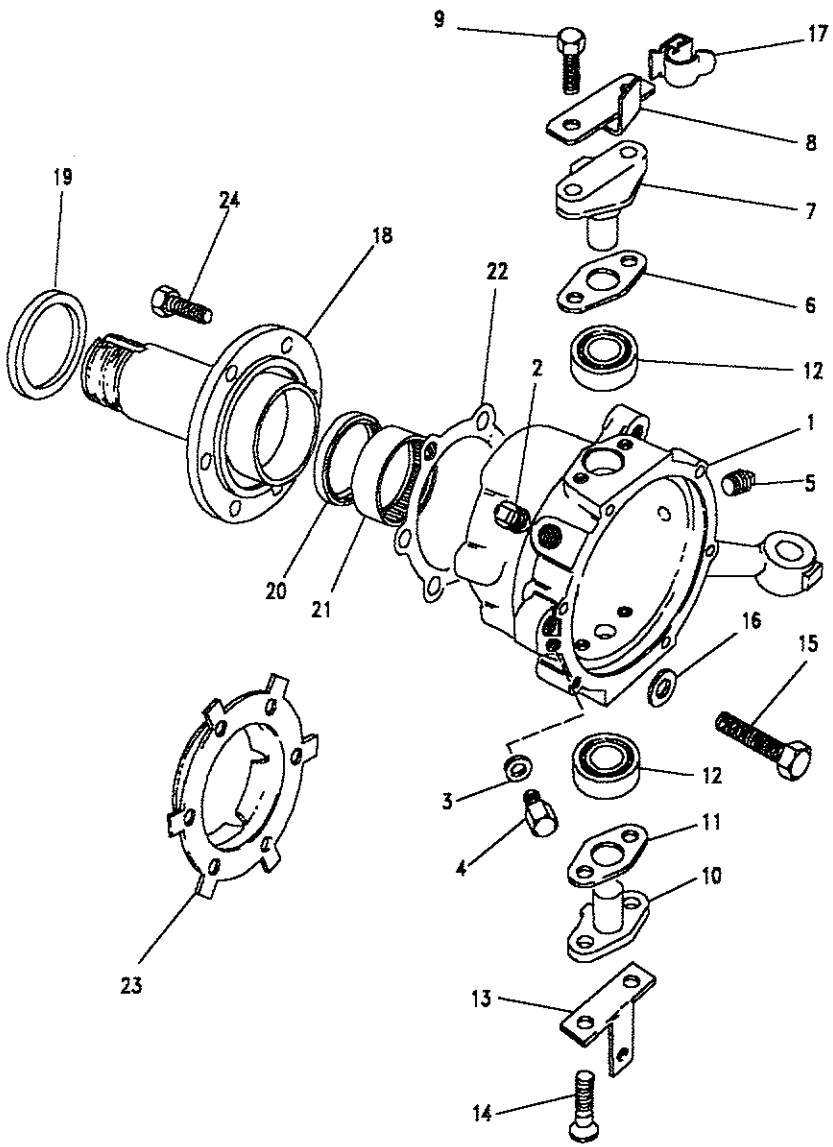



**Model** DEFENDER 90
**Page** ADEXCK1A

## FRONT AXLE - SWIVEL PIN HOUSING - UPTO VIN 930455

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| 1 | FRC4838 | Housing swivel pin-RH-RHS | 1 | ) |
| | FRC4839 | Housing swivel pin-LH-RHS | 1 | ) |
| | FRC4840 | Housing swivel pin-RH-LHS | 1 | ) |
| | FRC4841 | Housing swivel pin-LH-LHS | 1 | )Note(1) |
| 1 | FTC2528 | Housing swivel pin-RH-RHS | 1 | ) |
| | FTC2529 | Housing swivel pin-LH-RHS | 1 | ) |
| | FTC2530 | Housing swivel pin-RH-LHS | 1 | ) |
| | FTC2531 | Housing swivel pin-LH-LHS | 1 | )Note(2) |
| 2 | 3291 | Plug | 2 | |
| 3 | 3290 | Plug | 2 | |
| 4 | FRC2916 | Housing and bush | 2 | |
| 5 | FRC2906 | Washer thrust | 2 | |
| 6 | FRC3511 | Swivel pin upper | 2 | |
| 7 | FRC2883 | Shim 0.075mm | 2 | |
| | FRC2884 | Shim 0.130mm | 2 | |
| | FRC2885 | Shim 0.250mm | 2 | |
| | FRC2886 | Shim 0.750mm | 2 | |
| 8 | BX110071M | Bolt patchlock | 4 | |
| 9 | WL110001 | Washer spring | 4 | |
| 10 | FRC2894 | Swivel pin lower | 2 | |
| 11 | FTC3647 | Joint washer | 2 | |
| 12 | 606666 | Bearing | 2 | |
| 13 | BH108161M | Bolt patchlock | 4 | |
| 14 | WL108001L | Washer spring | 2 | |
| 15 | FRC3725 | Bracket retaining | 1 | |
| 16 | AFU1234 | Steering stop | 2 | |
| 17 | NT112041 | Lock nut | 2 | |

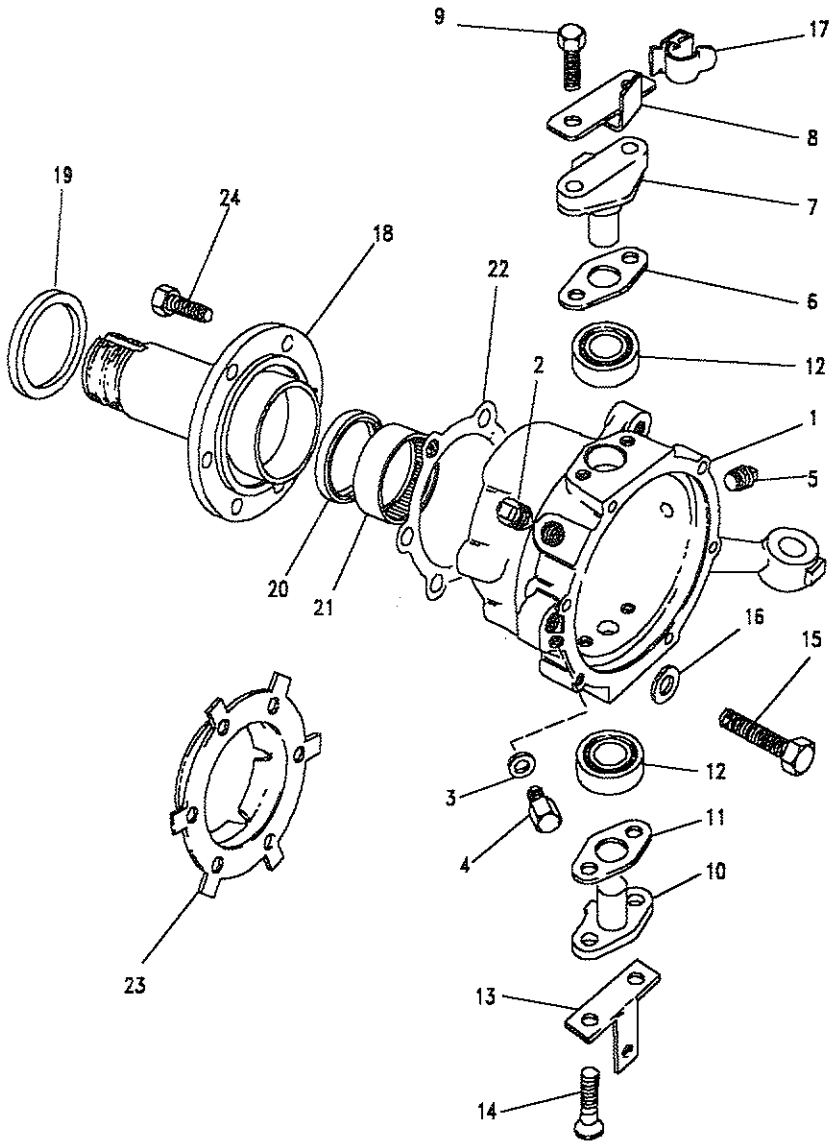
Note(1) Up to JA909205
Note(2) From JA909206




**Model** DEFENDER 90
**Page** ADEXCK2A

**FRONT AXLE - SWIVEL PIN HOUSING - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FTC3308 | Housing swivel pin RH | 1 | RHS |
| | FTC3309 | Housing swivel pin LH | 1 | RHS |
| | FTC3310 | Housing swivel pin RH | 1 | LHS |
| | FTC3311 | Housing swivel pin LH | 1 | LHS |
| 2 | 3292 | Plug oil filler | 1 | |
| 3 | 230511 | Joint washer | 1 | |
| 4 | 236070 | Plug oil drain | 1 | |
| 5 | FTC3670 | Plug oil level | 1 | |
| 6 | FRC2883 | Shim 0.075mm | 2 | |
| | FRC2884 | Shim 0.130mm | 2 | |
| | FRC2885 | Shim 0.250mm | 2 | |
| | FRC2886 | Shim 0.750mm | 2 | |
| 7 | FTC2882 | Swivel pin upper | 2 | |
| 8 | 90576928 | Washer locking | 2 | |
| 9 | BX110071M | Bolt patchlock | 4 | |
| 10 | FRC2894 | Swivel pin lower | 2 | |

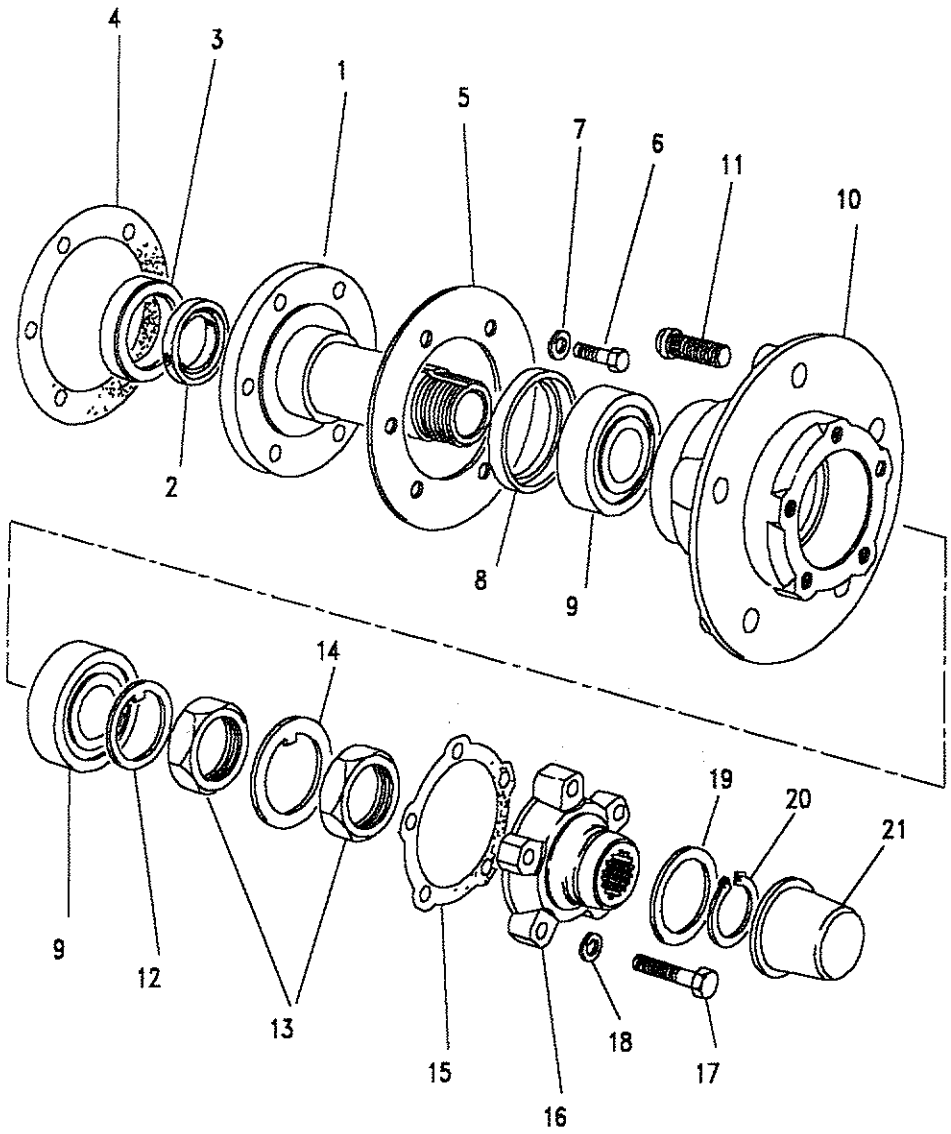



**Model** DEFENDER 90
**Page** ADEXCK2A

**FRONT AXLE - SWIVEL PIN HOUSING - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 11 | FTC3647 | Joint washer | 2 | |
| 12 | 606666 | Bearing | 4 | |
| 13 | FRC3725 | Bracket retaining | 2 | |
| 14 | FTC3455 | Screw | 4 | |
| 15 | BH108061M | Bolt patchlock | 4 | |
| 16 | WL108001L | Washer spring | 4 | |
| 17 | NTC6994 | Clip retaining | 2 | |
| 18 | FTC3183 | Axle stub | 2 | |
| 19 | FTC56 | Thrust ring | 2 | |
| 20 | FTC840 | Oil seal | 2 | Note(1) |
| | FTC3145 | Oil seal | 2 | Note(2) |
| 21 | FTC861 | Bearing | 2 | |
| 22 | FTC3648 | Washer joint | 2 | |
| 23 | FRC2310 | Plate locking | 2 | |
| 24 | SX110251M | Bolt patchlock | 12 | |

Note(1) Up to 22L12545C - RHS & 23L16310C - LHS
Note(2) From 22l12546C - RHS & 23L16311C - LHS

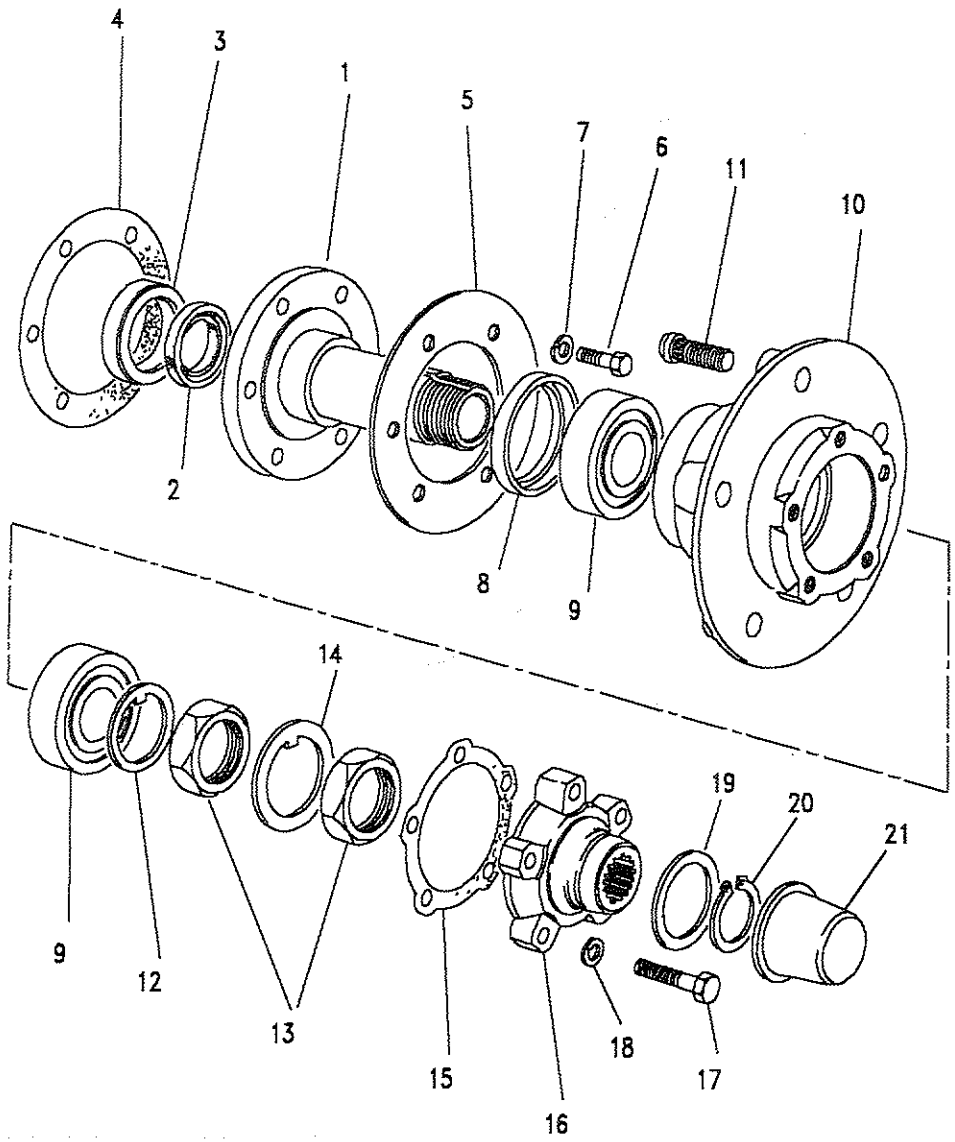



**Model** DEFENDER 90
**Page** ADEXCM1A

**FRONT AXLE - FRONT HUB - UPTO VIN 930455**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| 1 | FRC4320 | Axle stub | 2 | |
| 2 | FRC3099 | Oil seal | 2 | |
| 3 | FRC4319 | Bush | 2 | |
| 4 | FTC3648 | Joint washer | 2 | |
| 5 | FRC2310 | Plate locking | 2 | |
| 6 | SX110251M | Bolt patchlock | 12 | |
| 7 | WL110001L | Washer spring | 12 | |
| 8 | RTC3511 | Oil seal | 2 | Upto Note(1) |
| | FTC2783 | Oil seal hub | 2 | From Note(2) |
| 9 | RTC3429 | Bearing | 2 | |
| 10 | FRC6139 | Hub assembly | 2 | |
| 11 | FRC6137 | Stud | 10 | |
| 12 | 217352 | Key washer | 2 | |
| 13 | FRC8700 | Lock nut | 4 | |
| 14 | 217353 | Locker | 2 | |
| 15 | FRC3988 | Joint washer | 2 | |

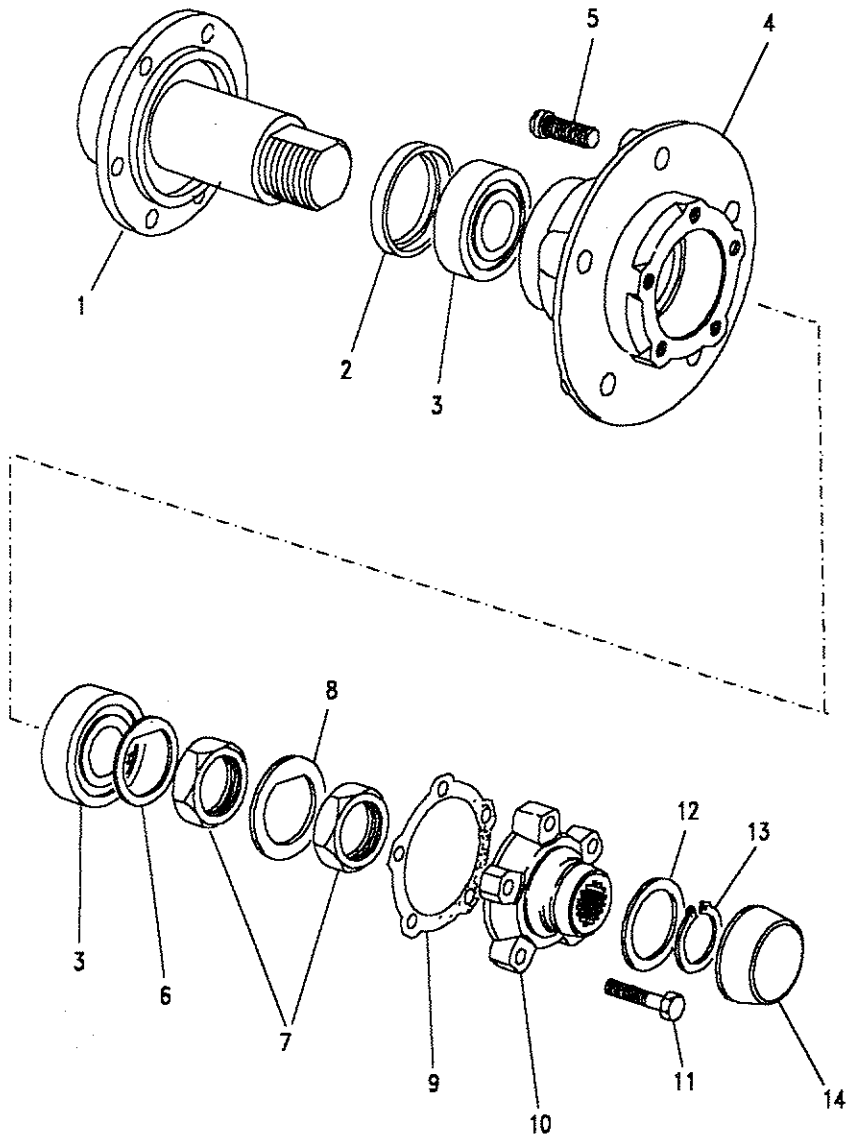
Note(1) Up to axle No 22L06071B RHS, 23L03666B LHS
Note(2) From axle No 22L06072B RHS, 23L03667B LHS also 20L RHS, 21L LHS




**Model** DEFENDER 90
**Page** ADEXCM1A

**FRONT AXLE - FRONT HUB - UPTO VIN 930455**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 16 | FRC5806 | Driving member | 2 | |
| 17 | AFU1181 | Bolt M10 | 10 | |
| 18 | WL110001L | Washer spring M10 | 10 | |
| 19 | | SHIM | | |
| | FRC6782 | Shim 0.45mm | 4 | |
| | FRC6783 | Shim 0.60mm | 4 | |
| | FRC6784 | Shim 0.75mm | 4 | |
| | FRC6785 | Shim 0.90mm | 4 | |
| | FRC6786 | Shim 1.05mm | 4 | |
| | FRC6787 | Shim 1.20mm | 4 | |
| | FRC6788 | Shim 1.35mm | 4 | |
| | FRC6789 | Shim 1.50mm | 4 | |
| | FRC6790 | Shim 1.65mm | 4 | |
| 20 | 549473 | Circlip | 2 | |
| 21 | FRC4377 | Hub cap | 2 | |

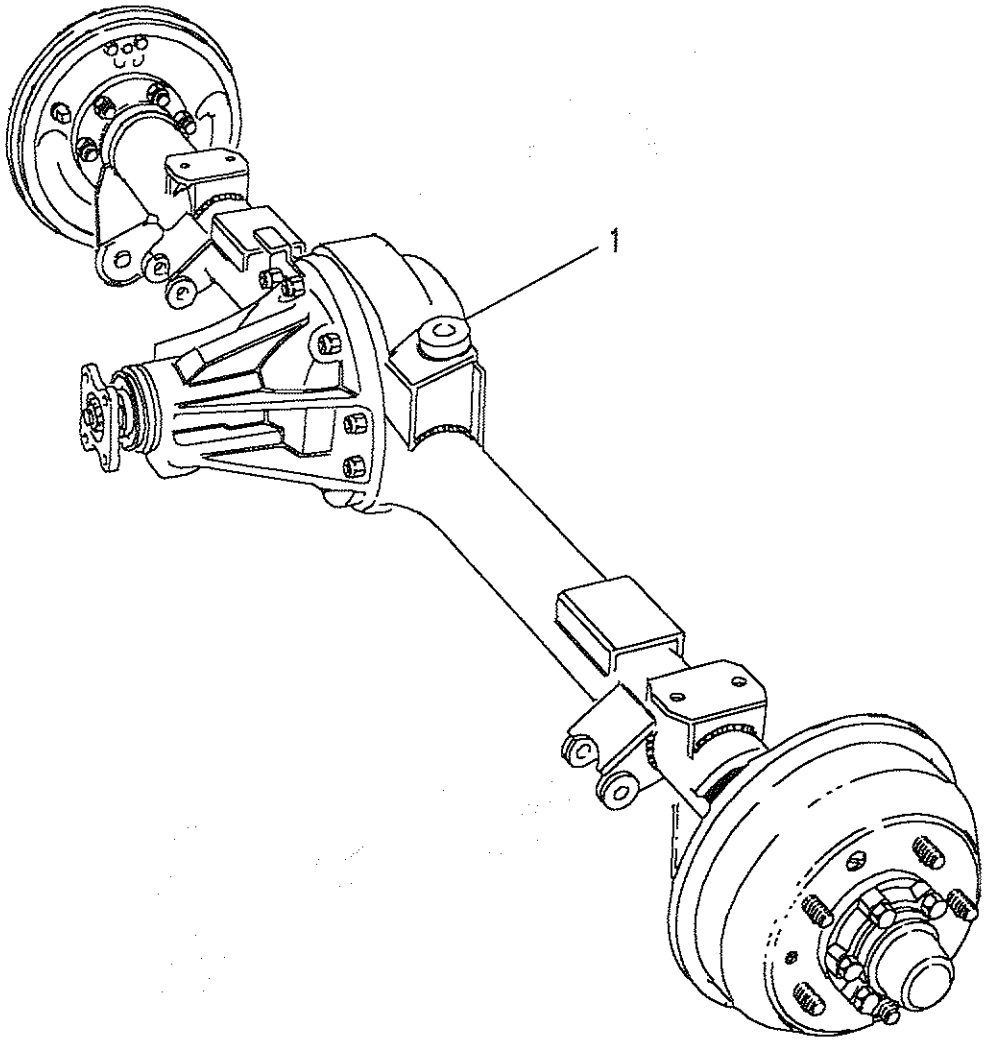



**Model** DEFENDER 90
**Page** ADEXCM2A

**FRONT AXLE - FRONT HUBS - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FTC3183 | Axle stub | 2 | Note(1) |
| 2 | FTC2783 | Seal hub inner | 2 | |
| 3 | RTC3429 | Bearing hub | 4 | |
| 4 | FTC942 | Hub assembly | 2 | |
| 5 | FRC5926 | Stud | 10 | |
| 6 | FTC3185 | Washer stub axle | 2 | |
| 7 | FRC8700 | Nut stub axle | 4 | |
| 8 | FTC3179 | Washer lock | 2 | |
| 9 | 571752 | Washer joint | 2 | |
| 10 | FTC859 | Hub driving member | 2 | |
| 11 | BX110095M | Bolt patchlock | 10 | |
| 12 | FRC6782 | Shim 0.45mm | 2 | |
| | FRC6783 | Shim 0.60mm | 2 | |
| | FRC6784 | Shim 0.75mm | 2 | |
| | FRC6785 | Shim 0.90mm | 2 | |
| | FRC6786 | Shim 1.05mm | 2 | |
| | FRC6787 | Shim 1.20mm | 2 | |
| | FRC6788 | Shim 1.35mm | 2 | |
| | FRC6789 | Shim 1.50mm | 2 | |
| | FRC6790 | Shim 1.65mm | 2 | |
| 13 | 549473 | Circlip | 2 | |
| 14 | FTC943 | Cap hub | 2 | |

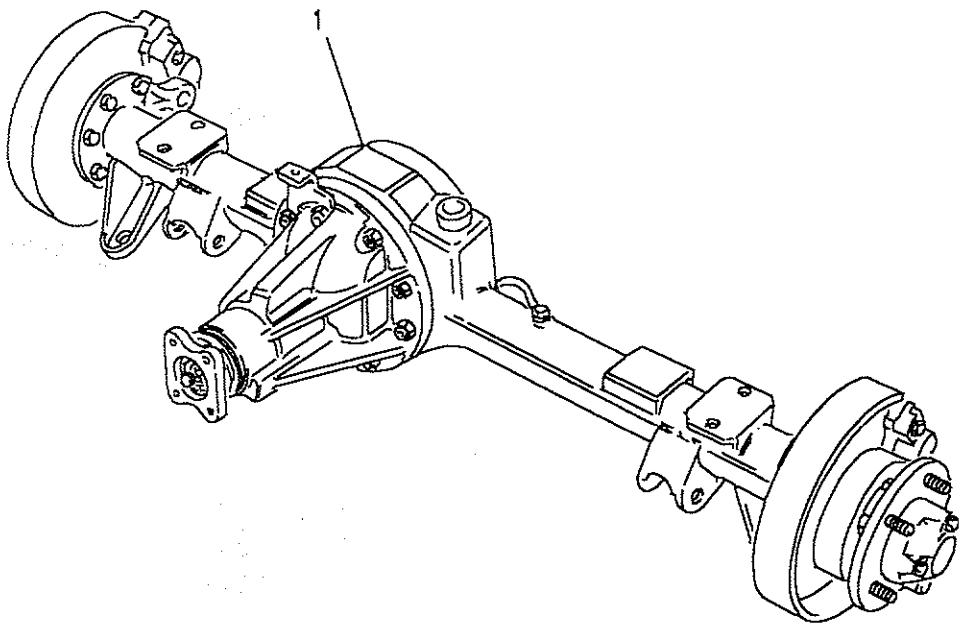
Note(1) See also page 495 - 496




**Model** DEFENDER 90
**Page** ADEXEA1A

## REAR AXLE - REAR AXLE ASSEMBLY - UPTO VIN 930455

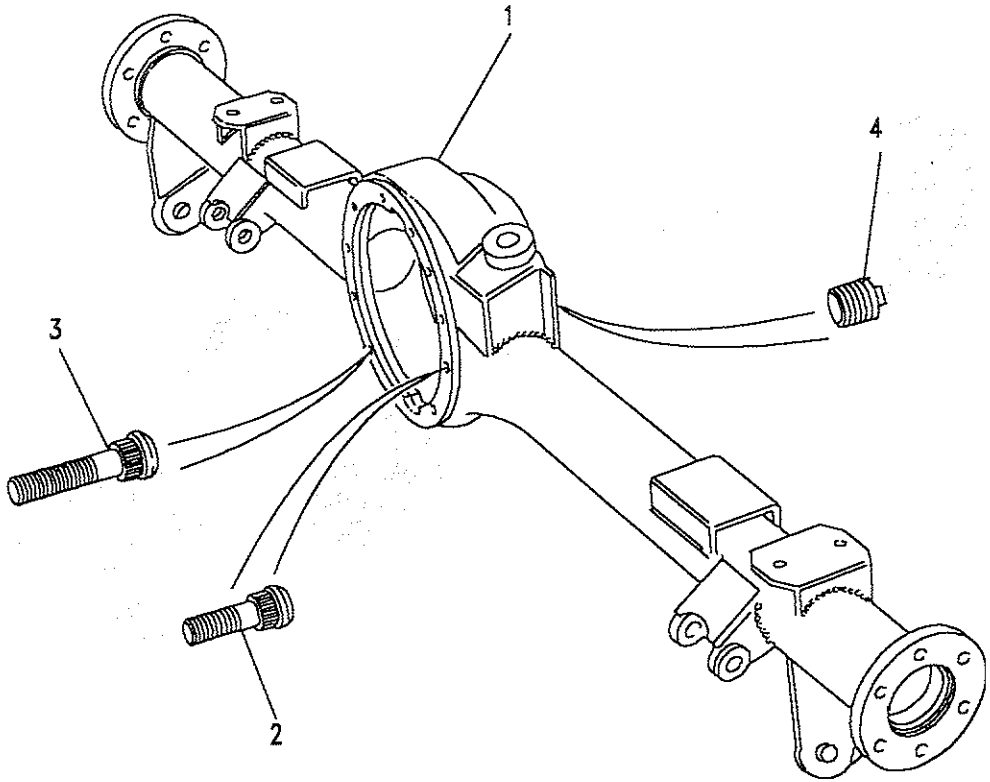
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **4 Cylinder** | | | | |
| 1 | FRC8786 | Axle assembly rear | 1 | Upto 22S07618C |
| | FTC1633 | Axle assembly rear | 1 | From 22S07619C |
| **4 Cylinder - Heavy Duty** | | | | |
| 1 | FRC8097 | Axle assembly rear | 1 | Upto 23S08283B<br>No longer available |
| | FRC8787 | Axle assembly rear | 1 | From 23S08284B<br>Upto 23S07618C |
| | FTC3688 | Axle assembly rear | 1 | From 23S07619C |
| **V8** | | | | |
| 1 | FRC8097 | Axle assembly rear | 1 | Upto 23S08283B<br>No longer available |
| | FRC8787 | Axle assembly rear | 1 | From 23S08284B<br>Upto 23S07618C |
| | FTC3688 | Axle assembly rear | 1 | From 23S07619C |




**Model** DEFENDER 90
**Page** ADEXEA2A

**REAR AXLE - REAR AXLE ASSEMBLY - FROM VIN LA930456**

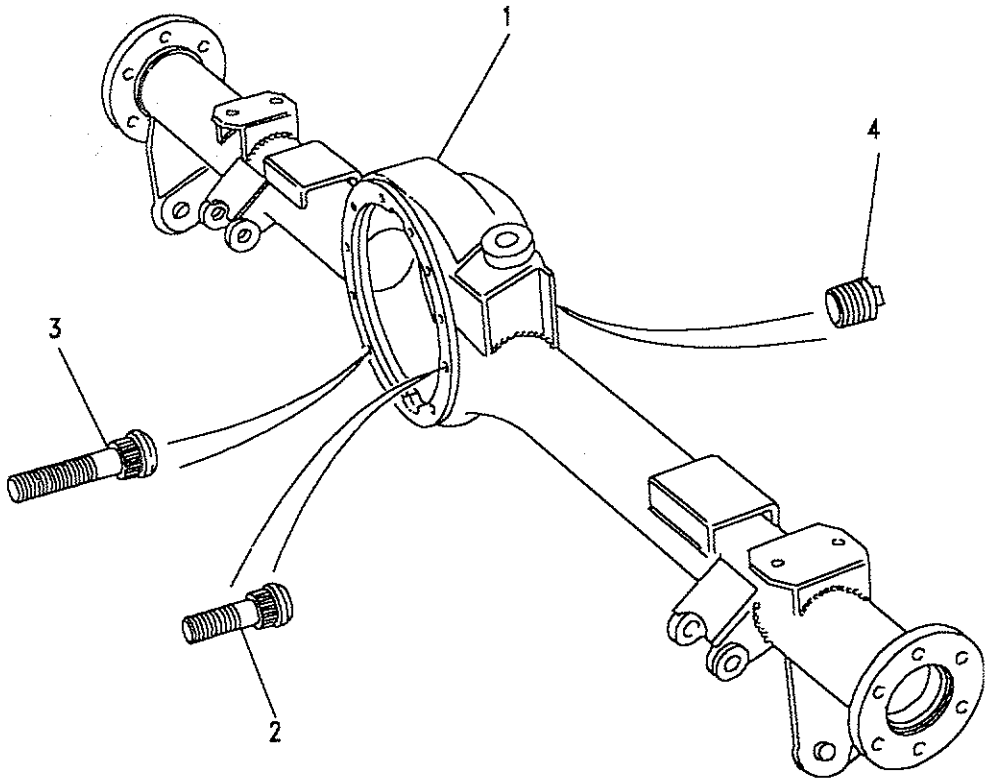
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FTC3688 | Axle assembly rear | 1 | 42S |
| **4 Cylinder Heavy Duty** | | | | |
| 1 | FTC3974 | Axle assembly rear | 1 | 44S |
| **4 Cylinder** | | | | |
| **V8** | | | | |
| 1 | FTC3974 | Axle assembly rear | 1 | 44S |




**Model** DEFENDER 90
**Page** ADEXEC1A

**REAR AXLE - AXLE CASE REAR - Upto VIN 930455**

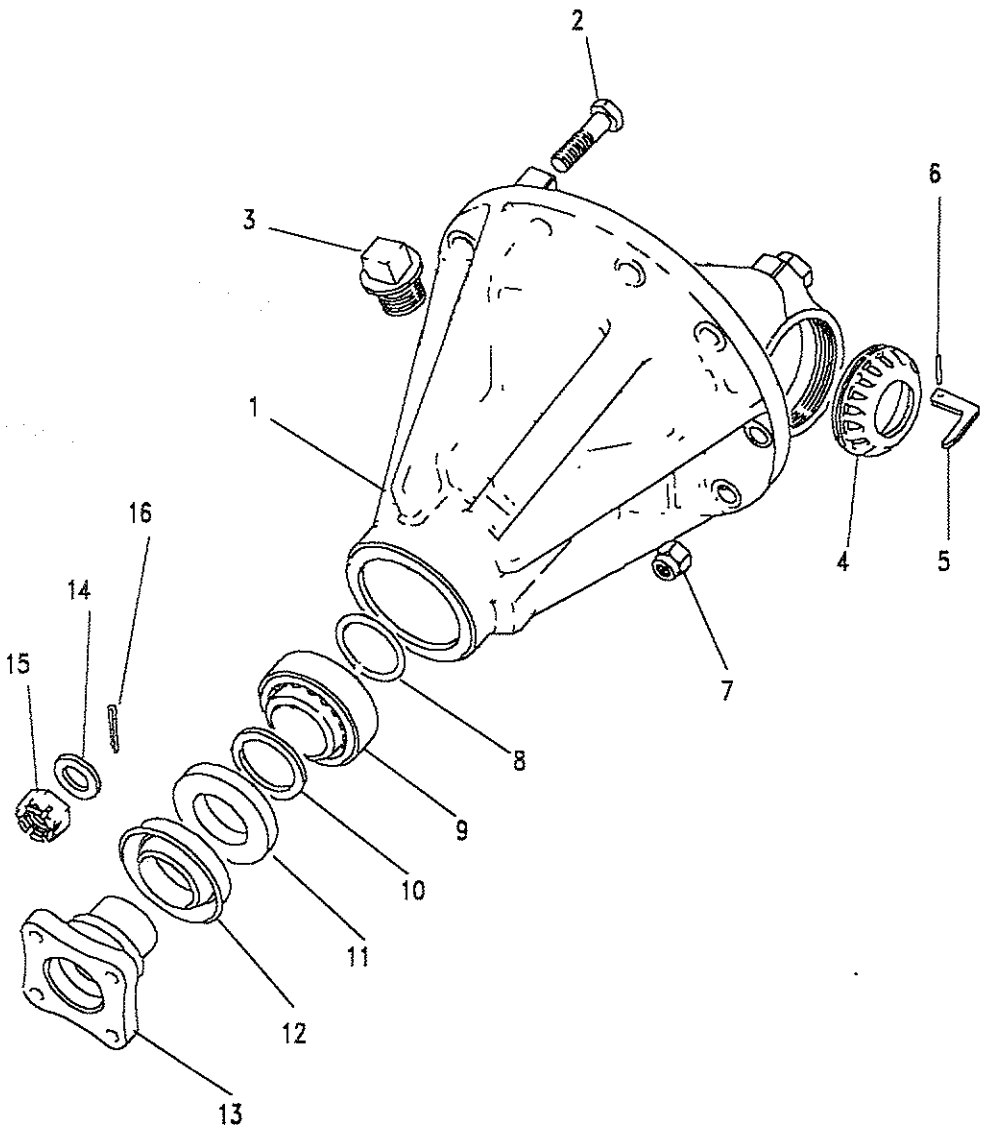
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| 1 | FRC7231 | Axle case rear | 1 | |
| 2 | 561195 | Stud 3/8unf x 1 1/4 | 4 | |
| 3 | 561196 | Stud 3/8unf x 1 3/4 | 6 | |
| 4 | 608246 | Plug | 2 | |




**Model** DEFENDER 90
**Page** ADEXEC2A

**REAR AXLE - AXLE CASE REAR - From VIN LA930456**

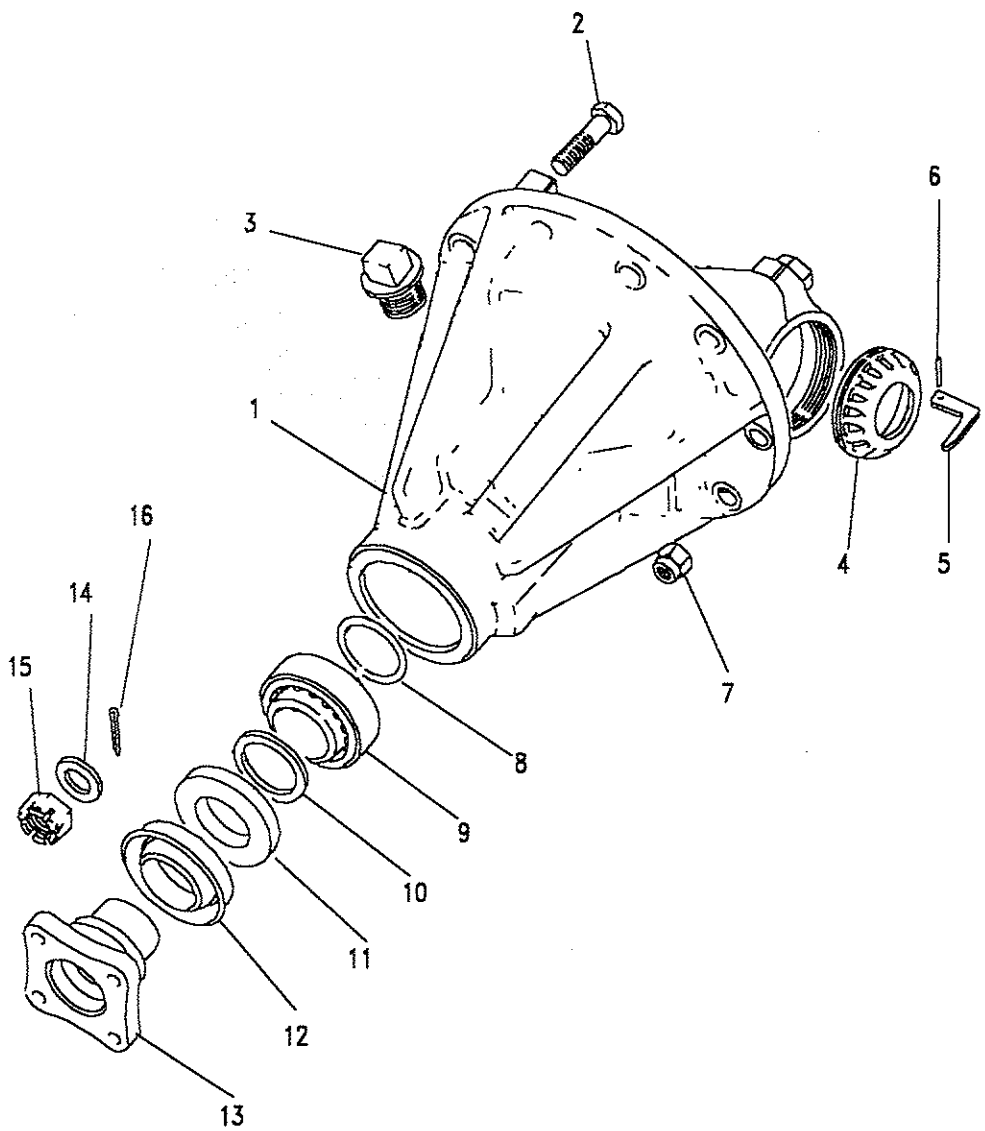
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FTC3434 | Axle case rear | 1 | |
| 2 | 561195 | Stud 3/8unf x 1 1/4 | 4 | Up to 42S04615A |
| | 561196 | Stud 3/8unf x 1 3/4 | 4 | From 42S04616A |
| 3 | 561196 | Stud 3/8unf x 1 3/4 | 4 | |
| 4 | 608246 | Plug | 2 | |




**Model** DEFENDER 90
**Page** ADEXEE1A

## REAR AXLE - DIFFERENTIAL - UPTO VIN 930455

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **4 Cylinder** | | | | |
| | FRC5688 | Differential assembly | 1 | Upto 22S08283B<br>NLA use FTC782N |
| | FRC8521 | Differential assembly | 1 | From 22S08284B<br>NLA use FTC782N |
| | FTC782N | Differential assembly | 1 | From 22S08284B<br>Upto VIN JA917433 |
| | FTC2750 | Differential assy 3.54:1 | 1 | From VIN JA917434 |
| | FTC2750R | Differential assembly | | Rebuild |
| **4 Cylinder - Heavy Duty** | | | | |
| | FRC8611 | Differential assembly | 1 | 23S<br>NLA use FTC785 |
| | FTC785 | Differential assembly | 1 | 23S |
| | FTC785R | Differential assembly | 1 | Rebuild |
| **V8** | | | | |
| | FRC8611 | Differential assembly | 1 | 23S<br>NLA use FTC785 |
| | FTC785 | Differential assembly | 1 | 23S |
| | FTC785R | Differential assembly | 1 | Rebuild |
| 1 | FRC5690 | Housing pinion | 1 | |
| 2 | BH112101L | Bolt | 4 | |
| 3 | 608246 | Plug | 1 | |
| 4 | FRC5204 | Lock ring | 2 | |
| 5 | FRC5661 | Locking tab | 2 | |
| 6 | 576159 | Pin spring | 2 | |
| 7 | NY606041L | Nut 3/8 UNF NYLOC | 10 | |

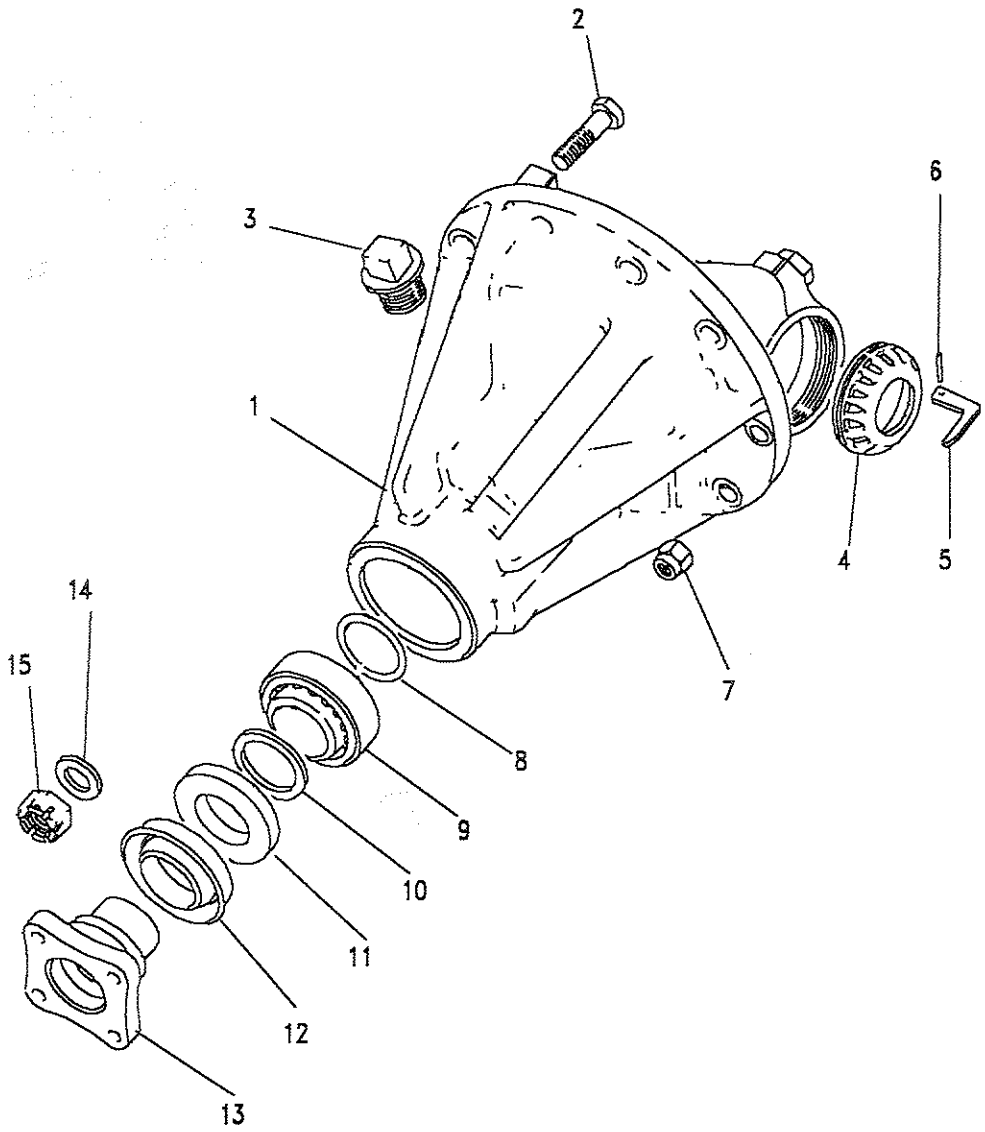



**Model** DEFENDER 90
**Page** ADEXEE1A

**REAR AXLE - DIFFERENTIAL - UPTO VIN 930455**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 8 | FRC1193 | Shim 0.060" | A/R | |
| | FRC1195 | Shim 0.062" | A/R | |
| | FRC1197 | Shim 0.064" | A/R | |
| | FRC1199 | Shim 0.066" | A/R | |
| | FRC1201 | Shim 0.068" | A/R | |
| | FRC1203 | Shim 0.070" | A/R | |
| | 539718 | Shim 0.072" | A/R | |
| | 539720 | Shim 0.074" | A/R | |
| | 539722 | Shim 0.076" | A/R | |
| | 539724 | Shim 0.078" | A/R | |
| 9 | 539707 | Bearing pinion | 1 | |
| 10 | 539745 | Spacer | 1 | |
| 11 | FRC4586 | Oil seal | 1 | Upto Axle 08283B |
| | FRC8220 | Oil seal | 1 | From Axle 08284B |
| 12 | 236072 | Mudshield | 1 | Upto Axle 08283B |
| | FRC8154 | Mudshield | 1 | From Axle 08284B |
| 13 | 236632 | Flange | 1 | Note (1) |
| | FRC3002 | Flange | 1 | Note (2) |
| 14 | 90513454 | Washer plain | 1 | |
| 15 | 3259 | Nut | 1 | |
| 16 | PS608101L | Pin split | 1 | |

Note(1) Use on Differential assys - FRC5688/FRC8521/FRC8611
Note(2) Use on Differential assys - FTC785/FTC782N

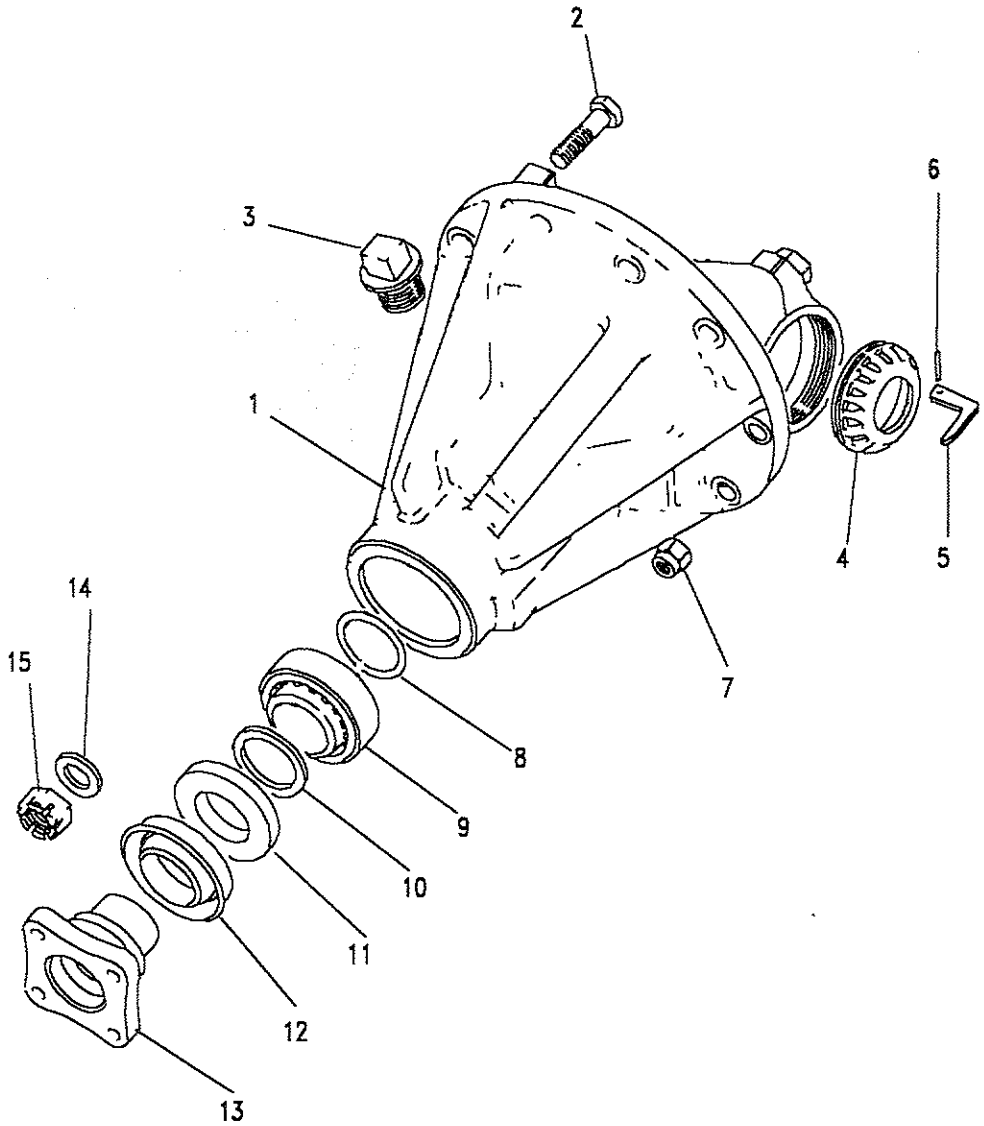



**Model** DEFENDER 90
**Page** ADEXEE2A

## REAR AXLE - DIFFERENTIAL - FROM VIN LA930456

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| | FTC3272 | Differential assembly | 1 | Note(1) |
| | FTC3272R | Differential assembly | 1 | Rebuild |
| | FTC785 | Differential assembly | 1 | Note(2) |
| | FTC785R | Differential assembly | 1 | Rebuild |
| 1 | FRC5690 | Housing pinion | 1 | |
| 2 | BH112101L | Bolt | 4 | |
| 3 | 608246 | Plug | 1 | |
| 4 | FRC5204 | Lock ring | 2 | |
| 5 | FRC5661 | Locking tab | 2 | |
| 6 | 576159 | Pin spring | 2 | |
| 7 | NY606041L | Nut 3/8 UNF NYLOC | 10 | |
| **Up to 42S04615A** | | | | |
| 8 | FRC1193 | Shim 0.060" | A/R | |
| | FRC1195 | Shim 0.062" | A/R | |
| | FRC1197 | Shim 0.064" | A/R | |
| | FRC1199 | Shim 0.066" | A/R | |
| | FRC1201 | Shim 0.068" | A/R | |
| | FRC1203 | Shim 0.070" | A/R | |
| | 539718 | Shim 0.072" | A/R | |
| | 539720 | Shim 0.074" | A/R | |
| | 539722 | Shim 0.076" | A/R | |
| | 539724 | Shim 0.078" | A/R | |

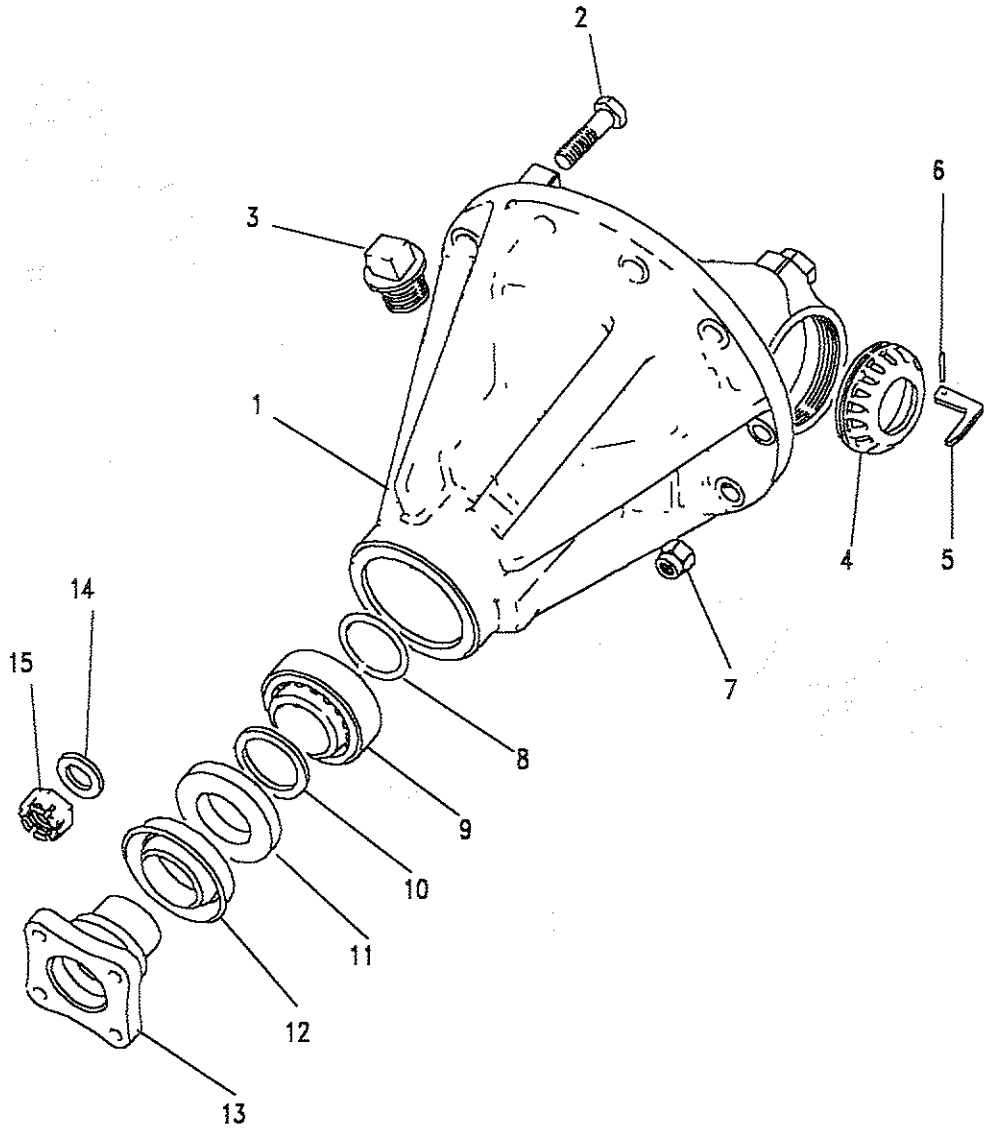
Note(1) Axle assembly FTC3688 - 42S
Note(2) Axle assembly FTC3974 - 44S




**Model** DEFENDER 90
**Page** ADEXEE2A

**REAR AXLE - DIFFERENTIAL - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From 42S04616A** | | | | |
| 8 | FTC3869 | Shim 2.155mm | A/R | |
| | FTC3871 | Shim 2.105mm | A/R | |
| | FTC3873 | Shim 2.055mm | A/R | |
| | FTC3875 | Shim 2.005mm | A/R | |
| | FTC3877 | Shim 1.955mm | A/R | |
| | FTC3879 | Shim 1.905mm | A/R | |
| | FTC3881 | Shim 1.855mm | A/R | |
| | FTC3883 | Shim 1.805mm | A/R | |
| | FTC3885 | Shim 1.755mm | A/R | |
| | FTC3887 | Shim 1.705mm | A/R | |
| | FTC3889 | Shim 1.655mm | A/R | |
| | FTC3891 | Shim 1.605mm | A/R | |
| | FTC3893 | Shim 1.555mm | A/R | |
| | FTC3895 | Shim 1.505mm | A/R | |
| 9 | 539707 | Bearing pinion | 1 | |
| 10 | 539745 | Spacer | 1 | |
| 11 | FRC8220 | Oil seal | 1 | |
| 12 | FRC8154 | Mudshield | 1 | |

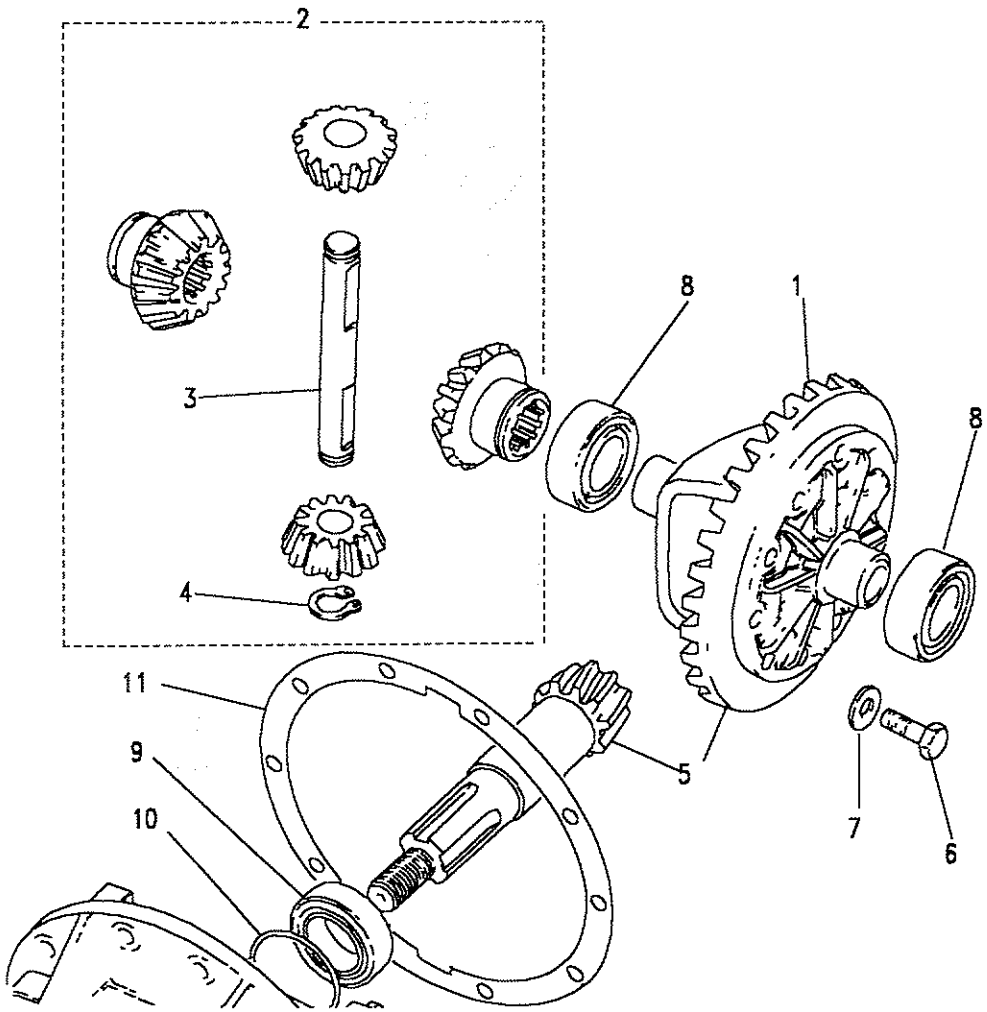



**Model** DEFENDER 90
**Page** ADEXEE2A

**REAR AXLE - DIFFERENTIAL - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | FRC3002 | Flange | 1 | |
| 14 | 90513454 | Washer plain | 1 | |
| 15 | NY116041L | Nut nyloc | 1 | Note(1) |
| | 3259 | Nut | 1 | Note(2) |
| | PS608101L | Pin split | 1 | Note(2) |

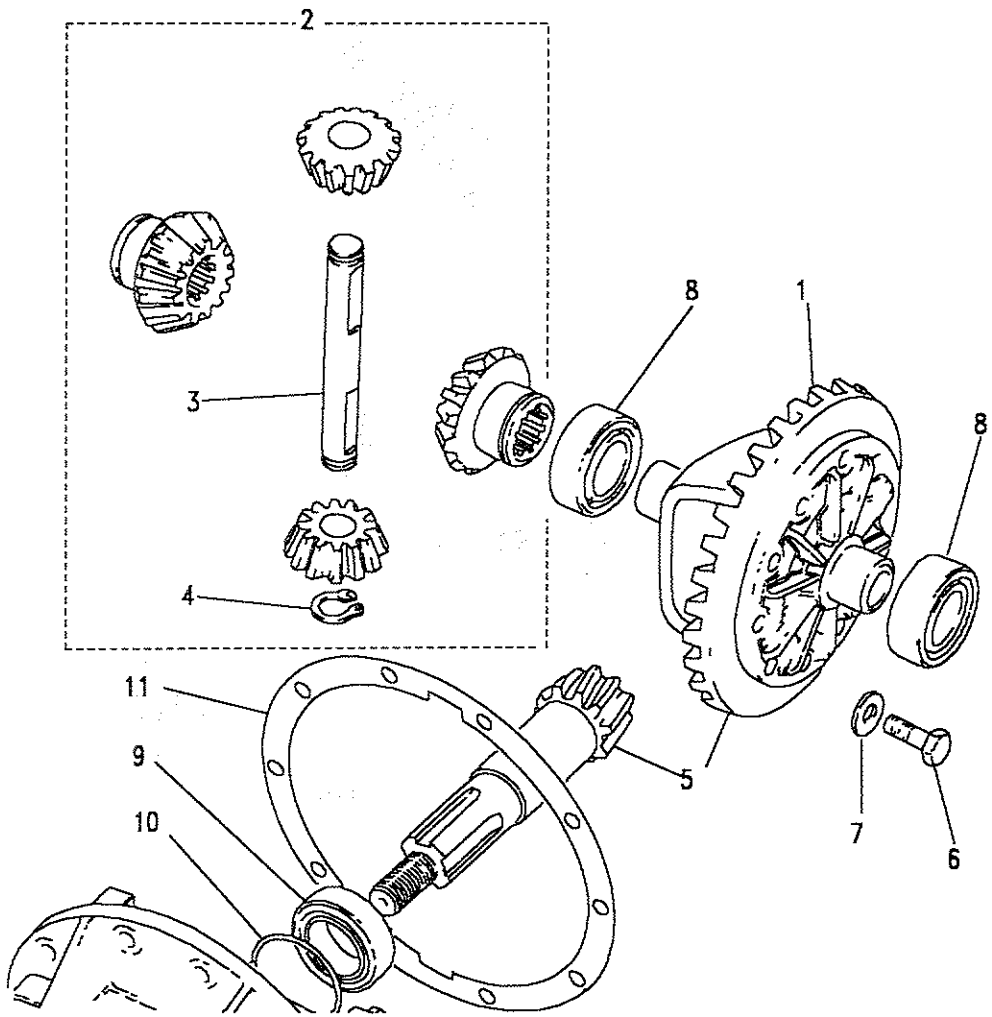
Note(1) Differential assembly FTC3272
Note(2) Differential assembly FTC785




**Model** DEFENDER 90
**Page** ADEXEG1A

**REAR AXLE - DIFFERENTIAL - UPTO VIN 930455**

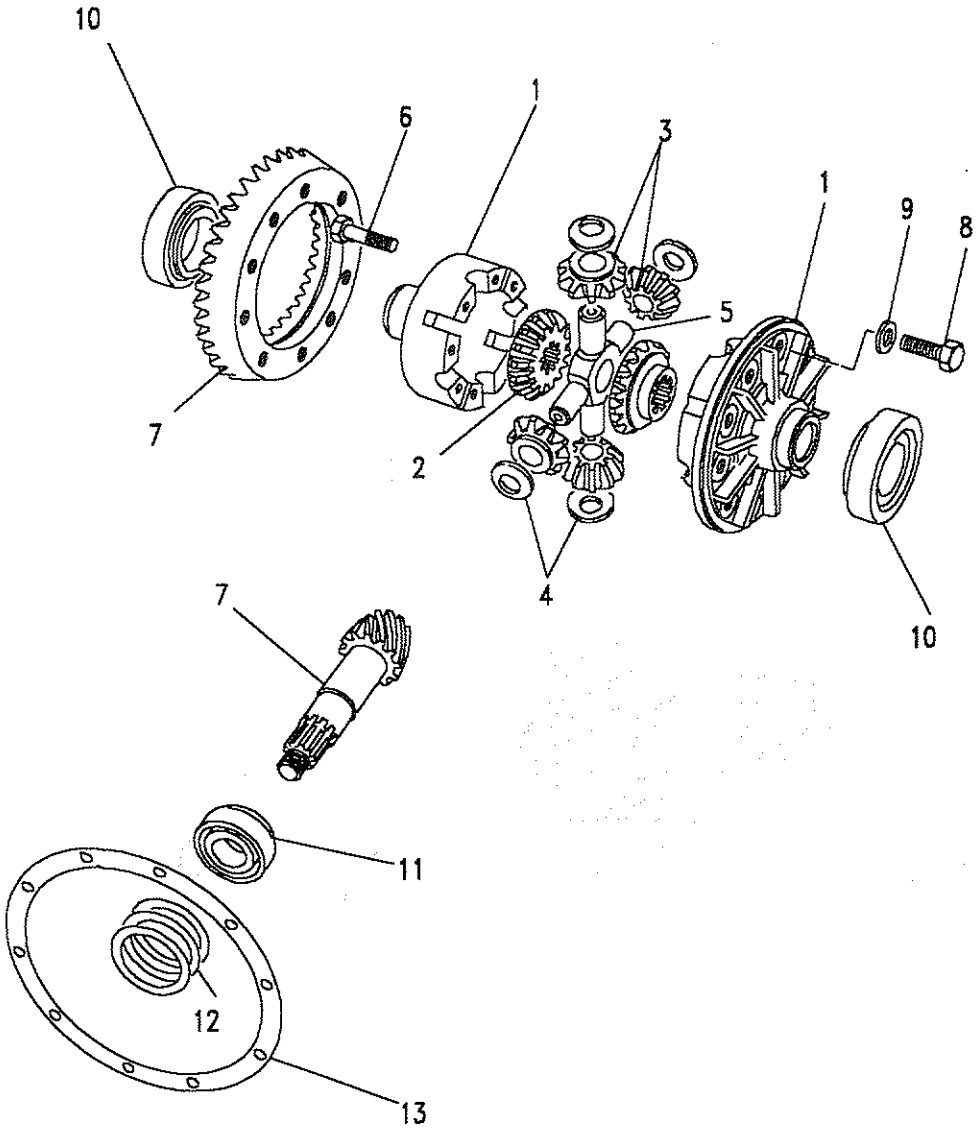
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **4 Cylinder - Axle 22S** | | | | |
| 1 | FRC2933 | Case differential | 1 | |
| 2 | STC851 | Kit gear differential | 2 | |
| | 599945 | Cross shaft | 1 | |
| 4 | CCN110L | Circlip | 2 | |
| 5 | FTC3620 | Crown wheel and pinion | 1 | |
| 6 | 593692 | Bolt | 10 | |
| 7 | 593693 | Washer plain | 10 | |
| 8 | RTC2726 | Bearing differential | 2 | |
| 9 | 539706 | Bearing pinion | 1 | |




**Model** DEFENDER 90
**Page** ADEXEG1A

**REAR AXLE - DIFFERENTIAL - UPTO VIN 930455**

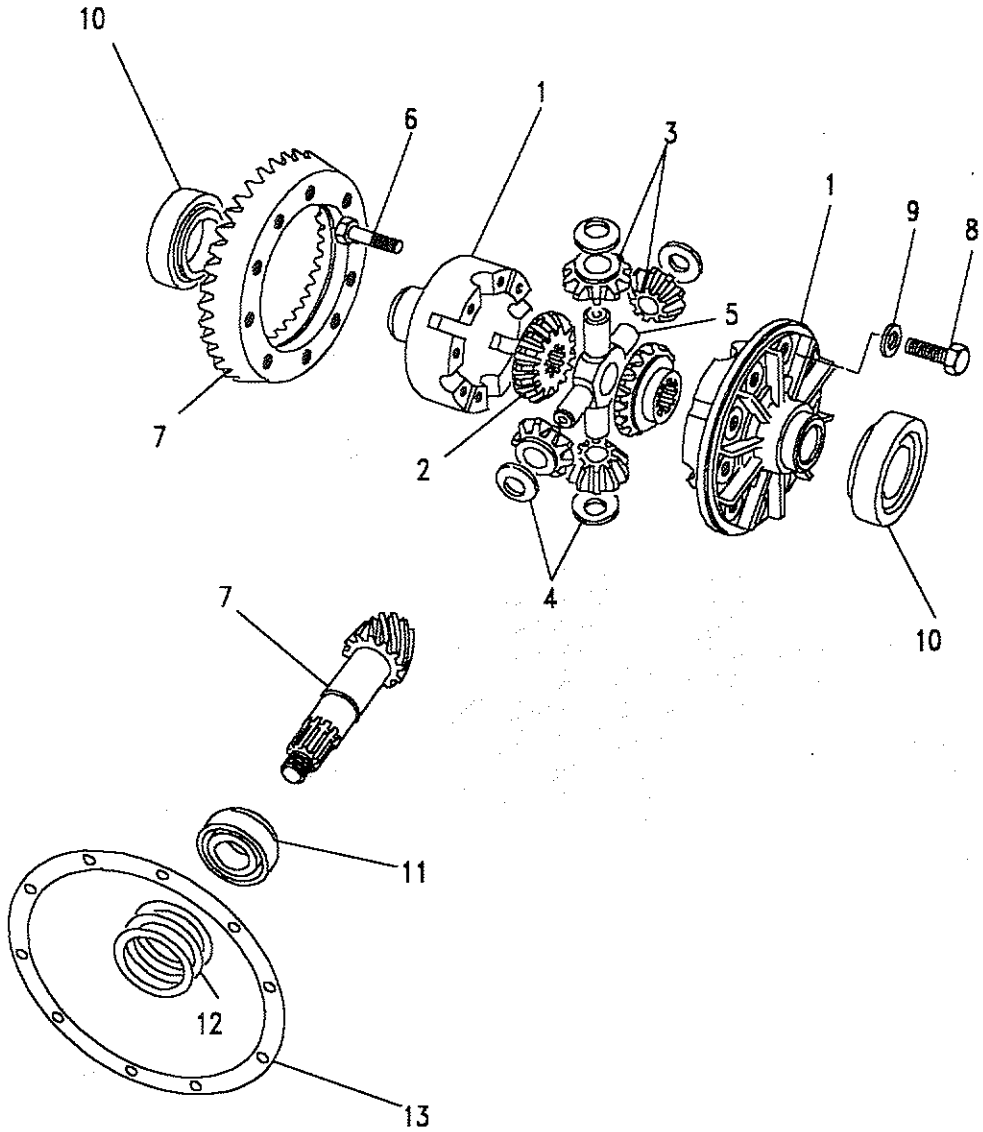
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 10 | 549230 | Shim 0.038" | A/R | |
| | 549232 | Shim 0.040" | A/R | |
| | 549234 | Shim 0.042" | A/R | |
| | 549236 | Shim 0.044" | A/R | |
| | 549238 | Shim 0.046" | A/R | |
| | 549240 | Shim 0.048" | A/R | |
| | 549242 | Shim 0.050" | A/R | |
| | 549244 | Shim 0.052" | A/R | |
| | 549246 | Shim 0.054" | A/R | |
| | 549248 | Shim 0.056" | A/R | |
| | 549250 | Shim 0.058" | A/R | |
| | 549252 | Shim 0.060" | A/R | |
| | 576236 | Shim 0.062" | A/R | |
| | 576237 | Shim 0.063" | A/R | |
| | 576238 | Shim 0.064" | A/R | |
| | 576239 | Shim 0.065" | A/R | |
| 11 | 7316 | Joint washer | 1 | |




**Model** DEFENDER 90
**Page** ADEXEG2A

**REAR AXLE - DIFFERENTIAL - UPTO VIN 930455**

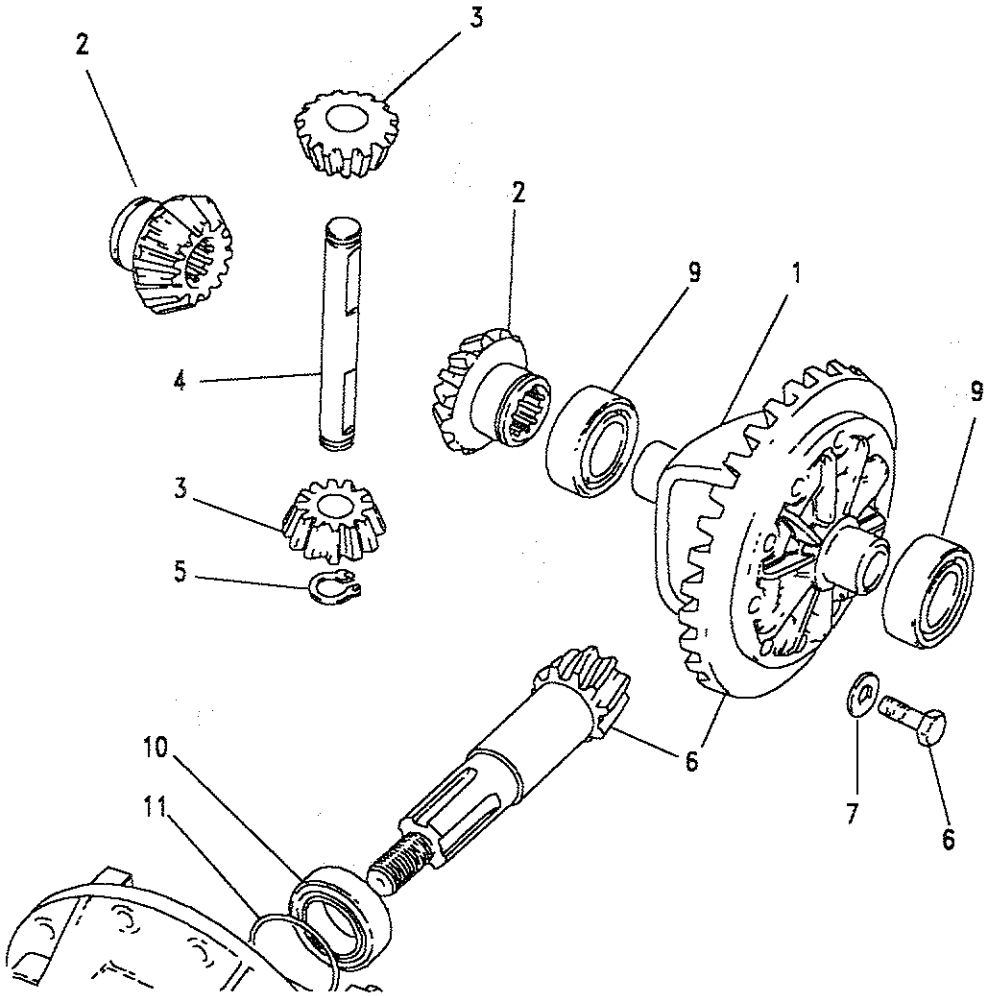
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | | **Vehicles with front disc and rear drum brakes** | | |
| | | **4 Cylinder Heavy Duty and V8 - Axle 23S** | | |
| 1 | FRC8187 | Case differential | 1 | |
| | RTC4487 | Kit gear differential | 1 | |
| 2 | FRC8190 | Differential wheel | 2 | |
| 3 | 599944 | Differential pinion | 4 | |
| 4 | FRC8191 | Washer thrust | 4 | |
| | FRC8667 | Washer thrust | 2 | |
| 5 | FRC8189 | Cross shaft | 1 | |
| 6 | FRC8188 | Bolt | 8 | |
| 7 | FTC3620 | Crown wheel and pinion | 1 | |
| 8 | 593692 | Bolt | 10 | |
| 9 | 593693 | Washer plain | 10 | |
| 10 | RTC3095 | Bearing differential | 2 | |
| 11 | 539706 | Bearing pinion | 1 | |




**Model** DEFENDER 90
**Page** ADEXEG2A

**REAR AXLE - DIFFERENTIAL - UPTO VIN 930455**

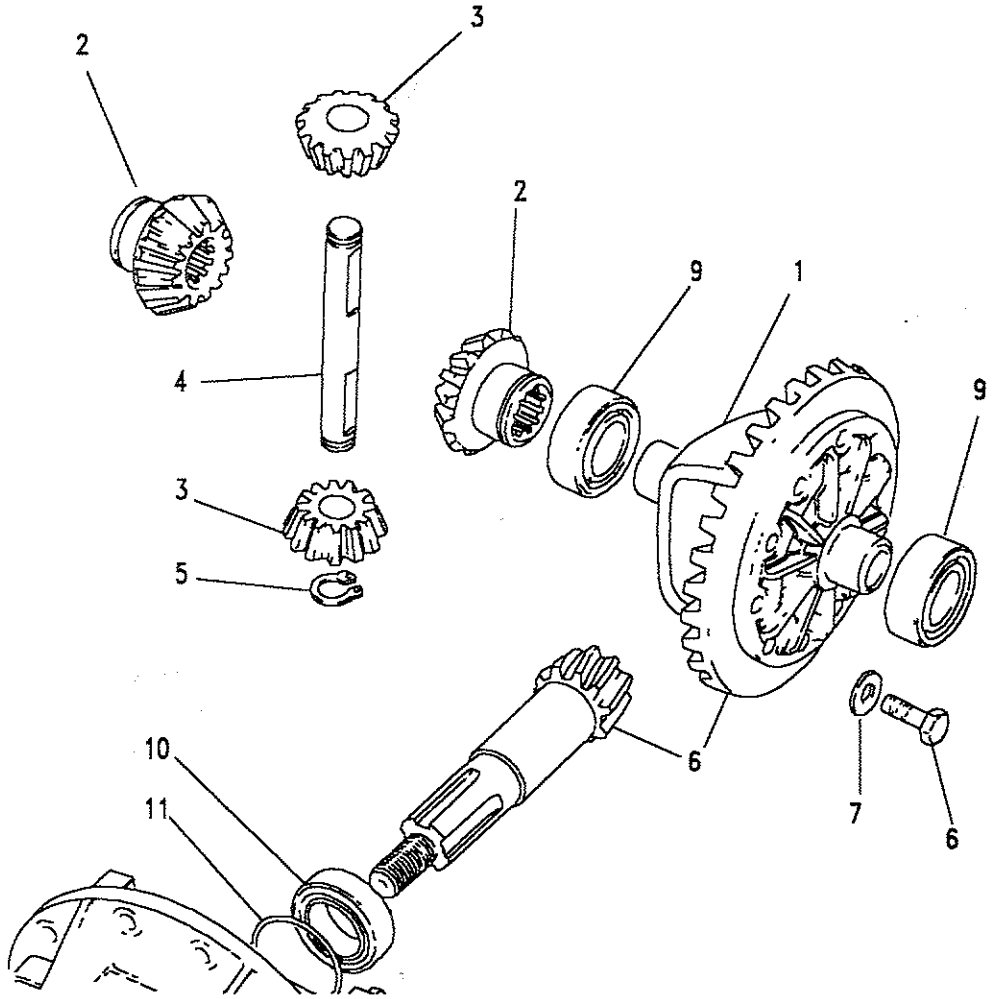
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 12 | 549230 | Shim 0.038" | A/R | |
| | 549232 | Shim 0.040" | A/R | |
| | 549234 | Shim 0.042" | A/R | |
| | 549236 | Shim 0.044" | A/R | |
| | 549238 | Shim 0.046" | A/R | |
| | 549240 | Shim 0.048" | A/R | |
| | 549242 | Shim 0.050" | A/R | |
| | 549244 | Shim 0.052" | A/R | |
| | 549246 | Shim 0.054" | A/R | |
| | 549248 | Shim 0.056" | A/R | |
| | 549250 | Shim 0.058" | A/R | |
| | 549252 | Shim 0.060" | A/R | |
| | 576236 | Shim 0.062" | A/R | |
| | 576237 | Shim 0.063" | A/R | |
| | 576238 | Shim 0.064" | A/R | |
| | 576239 | Shim 0.065" | A/R | |
| 13 | 7316 | Joint Washer | 1 | |




**Model** DEFENDER 90
**Page** ADEXEG3A

**REAR AXLE - DIFFERENTIAL - FROM VIN LA930456**

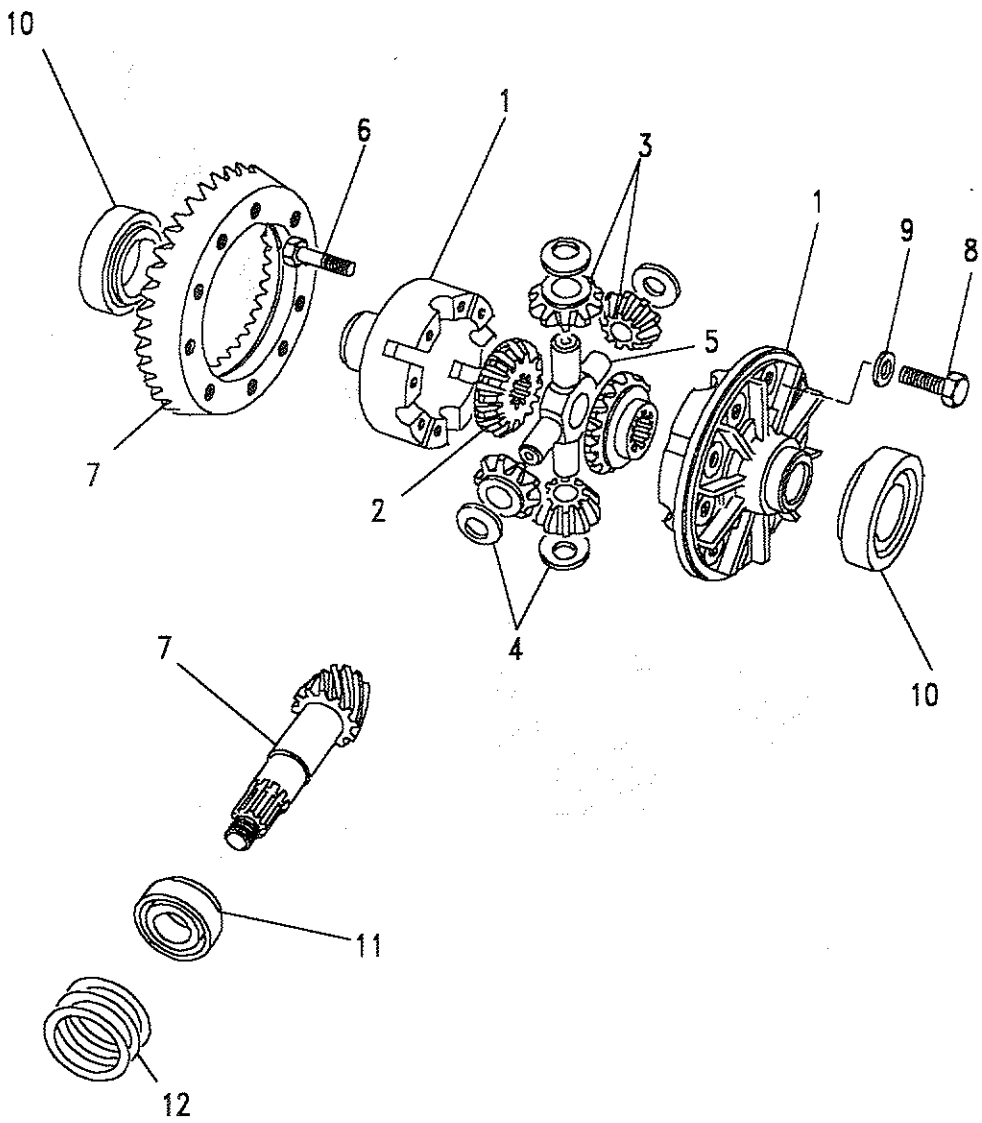
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| **4 Cylinder - Axle 42S** | | | | |
| 1 | FTC3269 | Case differential | 1 | |
| 2 | FTC3267 | Wheel differential | 2 | |
| 3 | FTC3268 | Pinion differential | 2 | |
| 4 | 599945 | Cross shaft | 1 | |
| 5 | CCN110L | Circlip | 2 | |
| 6 | FTC3620 | Crownwheel and pinion | 1 | |
| 7 | FTC3586 | Bolt 3/8 UNF | 10 | |
| 8 | 593693 | Washer plain | 10 | |
| 9 | RTC2726 | Bearing differential | 2 | |
| 10 | 539706 | Bearing pinion | 1 | |
| **Imperial shims From 42S04615A** | | | | |
| 11 | 549230 | Shim 0.038" | A/R | |
| | 549232 | Shim 0.040" | A/R | |
| | 549234 | Shim 0.042" | A/R | |
| | 549236 | Shim 0.044" | A/R | |
| | 549238 | Shim 0.046" | A/R | |
| | 549240 | Shim 0.048" | A/R | |
| | 549242 | Shim 0.050" | A/R | |
| | 549244 | Shim 0.052" | A/R | |
| | 549246 | Shim 0.054" | A/R | |
| | 549248 | Shim 0.056" | A/R | |
| | 549250 | Shim 0.058" | A/R | |
| | 549252 | Shim 0.060" | A/R | |
| | 576236 | Shim 0.062" | A/R | |
| | 576237 | Shim 0.063" | A/R | |
| | 576238 | Shim 0.064" | A/R | |
| | 576239 | Shim 0.065" | A/R | |




**Model** DEFENDER 90
**Page** ADEXEG3A

**REAR AXLE - DIFFERENTIAL - FROM VIN LA930456**

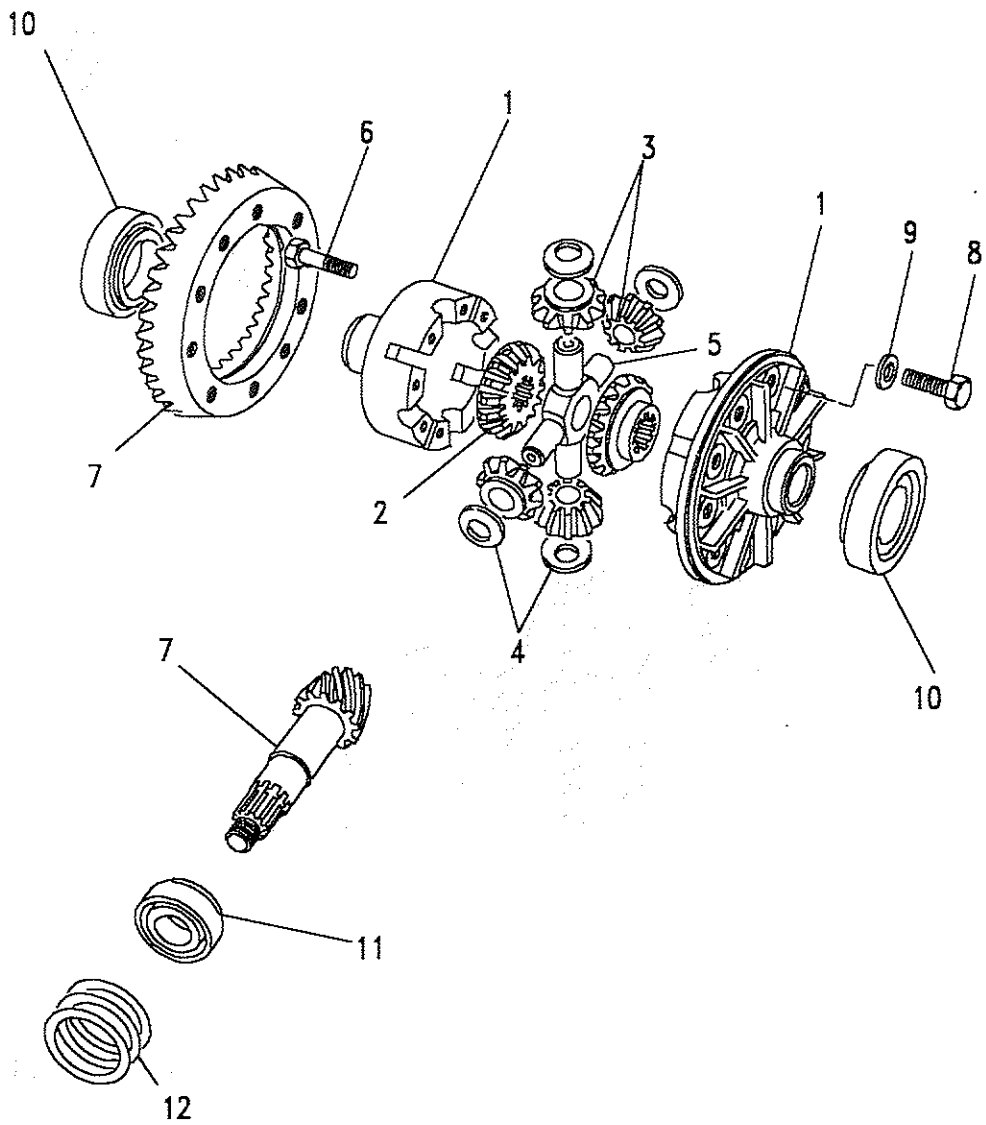
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Metric shims From 42S04616A** | | | | |
| | FTC3853 | Shim 1.548mm | A/R | |
| | FTC3855 | Shim 1.498mm | A/R | |
| | FTC3857 | Shim 1.448mm | A/R | |
| | FTC3859 | Shim 1.398mm | A/R | |
| | FTC3861 | Shim 1.348mm | A/R | |
| | FTC3863 | Shim 1.298mm | A/R | |
| | FTC3865 | Shim 1.248mm | A/R | |
| | FTC3867 | Shim 1.198mm | A/R | |




**Model** DEFENDER 90
**Page** ADEXEG4A

**REAR AXLE - DIFFERENTIAL - FROM VIN LA930456**

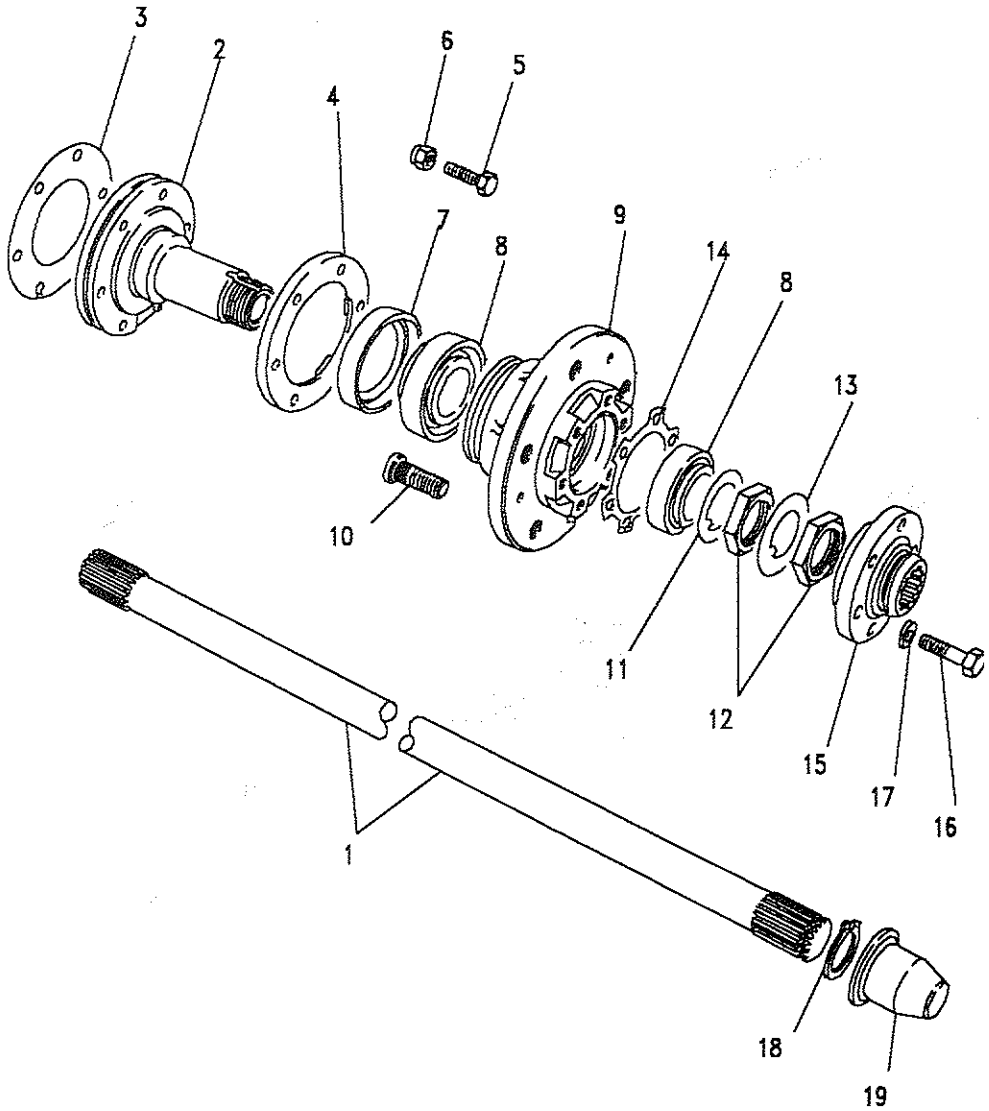
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| **4 Cylinder Heavy Duty and V8 - Axle 44S** | | | | |
| 1 | FRC8187 | Case differential | 1 | |
| | RTC4487 | Kit gear differential | 1 | |
| 2 | FRC8190 | Differential wheel | 2 | |
| 3 | 599944 | Differential pinion | 4 | |
| 4 | FRC8191 | Washer thrust | 4 | |
| | FRC8667 | Washer thrust | 4 | |
| 5 | FRC8189 | Cross shaft | 1 | |
| 6 | FRC8188 | Bolt | 8 | |
| 7 | FTC3620 | Crown wheel and pinion | 1 | |
| 8 | 593692 | Bolt | 10 | |
| 9 | 593693 | Washer plain | 10 | |
| 10 | RTC3095 | Bearing differential | 2 | |
| 11 | 539706 | Bearing pinion | 1 | |




**Model** DEFENDER 90
**Page** ADEXEG4A

**REAR AXLE - DIFFERENTIAL - FROM VIN LA930456**

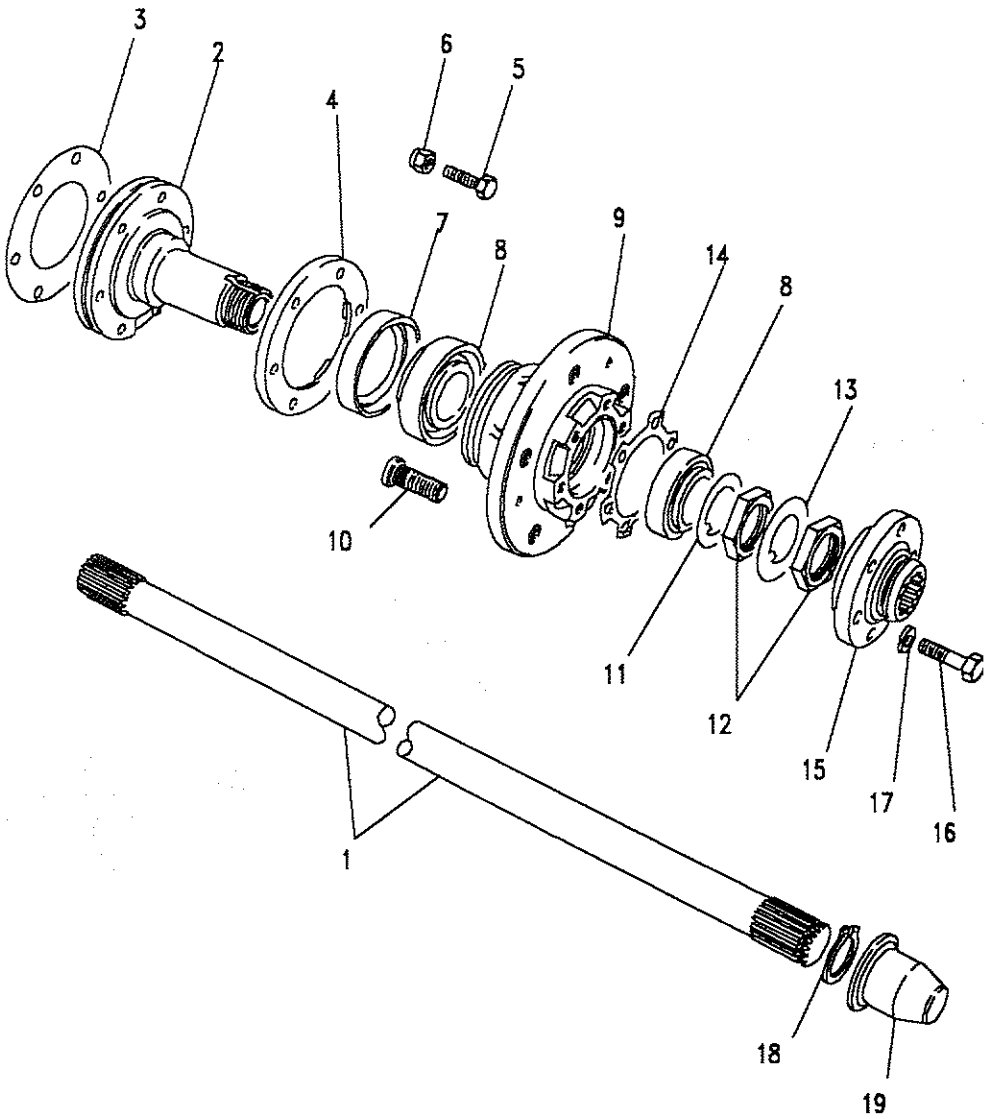
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Imperial shims From 42S04615A** | | | | |
| 12 | 549230 | Shim 0.038" | A/R | |
| | 549232 | Shim 0.040" | A/R | |
| | 549234 | Shim 0.042" | A/R | |
| | 549236 | Shim 0.044" | A/R | |
| | 549238 | Shim 0.046" | A/R | |
| | 549240 | Shim 0.048" | A/R | |
| | 549242 | Shim 0.050" | A/R | |
| | 549244 | Shim 0.052" | A/R | |
| | 549246 | Shim 0.054" | A/R | |
| | 549248 | Shim 0.056" | A/R | |
| | 549250 | Shim 0.058" | A/R | |
| | 549252 | Shim 0.060" | A/R | |
| | 576236 | Shim 0.062" | A/R | |
| | 576237 | Shim 0.063" | A/R | |
| | 576238 | Shim 0.064" | A/R | |
| | 576239 | Shim 0.065" | A/R | |
| **Metric shims From 42S04616A** | | | | |
| | FTC3853 | Shim 1.548mm | A/R | |
| | FTC3855 | Shim 1.498mm | A/R | |
| | FTC3857 | Shim 1.448mm | A/R | |
| | FTC3859 | Shim 1.398mm | A/R | |
| | FTC3861 | Shim 1.348mm | A/R | |
| | FTC3863 | Shim 1.298mm | A/R | |
| | FTC3865 | Shim 1.248mm | A/R | |
| | FTC3867 | Shim 1.198mm | A/R | |




**Model** DEFENDER 90
**Page** ADEXEI1A

## REAR AXLE - DRIVE SHAFTS AND HUBS

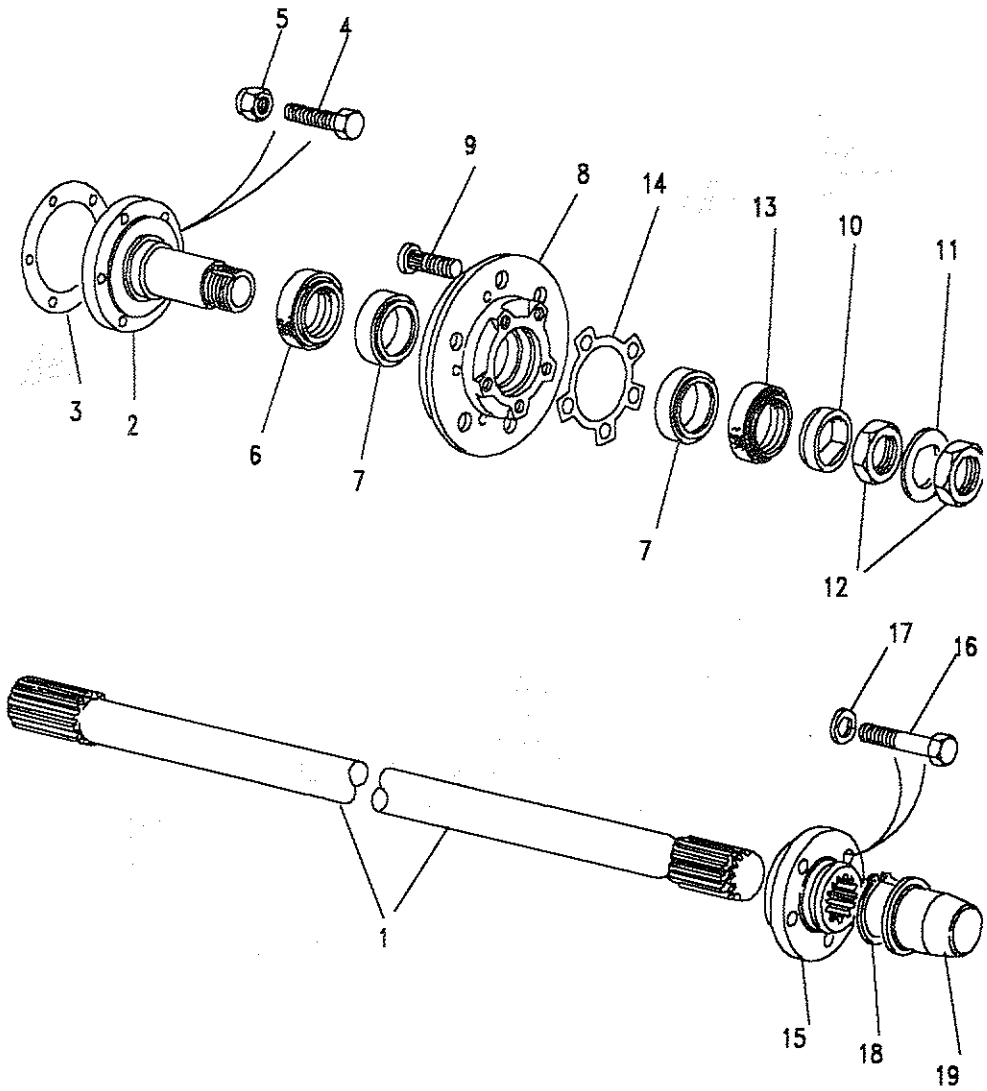
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **Upto 22S08283B** | | | | |
| **4 Cylinder** | | | | |
| 1 | FRC7680 | Shaft drive rear RH | 1 | |
| | FRC7681 | Shaft drive rear LH | 1 | |
| **4 Cylinder Heavy Duty Axle Type** | | | | |
| 1 | FRC8094 | Shaft drive rear RH | 1 | |
| | FRC8095 | Shaft drive rear LH | 1 | |
| **V8** | | | | |
| 1 | FRC8094 | Shaft drive rear RH | 1 | |
| | FRC8095 | Shaft drive rear LH | 1 | |
| 2 | FRC3132 | Hub bearing sleeve | 2 | |
| 3 | FTC3649 | Joint washer | 2 | |
| 4 | FRC3147 | Oil catcher | 2 | |
| 5 | FRC7257 | Bolt | 12 | |
| 6 | NY110041L | Nut | 12 | |
| 7 | RTC3511 | Oil seal | 2 | |
| 8 | RTC3429 | Bearing | 4 | |
| 9 | FRC6141 | Hub assembly | 2 | |
| 10 | FRC6137 | Stud | 10 | |
| 11 | 217352 | Key washer | 2 | |
| 12 | FRC8700 | Lock nut | 4 | |
| 13 | 217353 | Locker | 2 | |




**Model** DEFENDER 90
**Page** ADEXEI1A

**REAR AXLE - DRIVE SHAFTS AND HUBS**

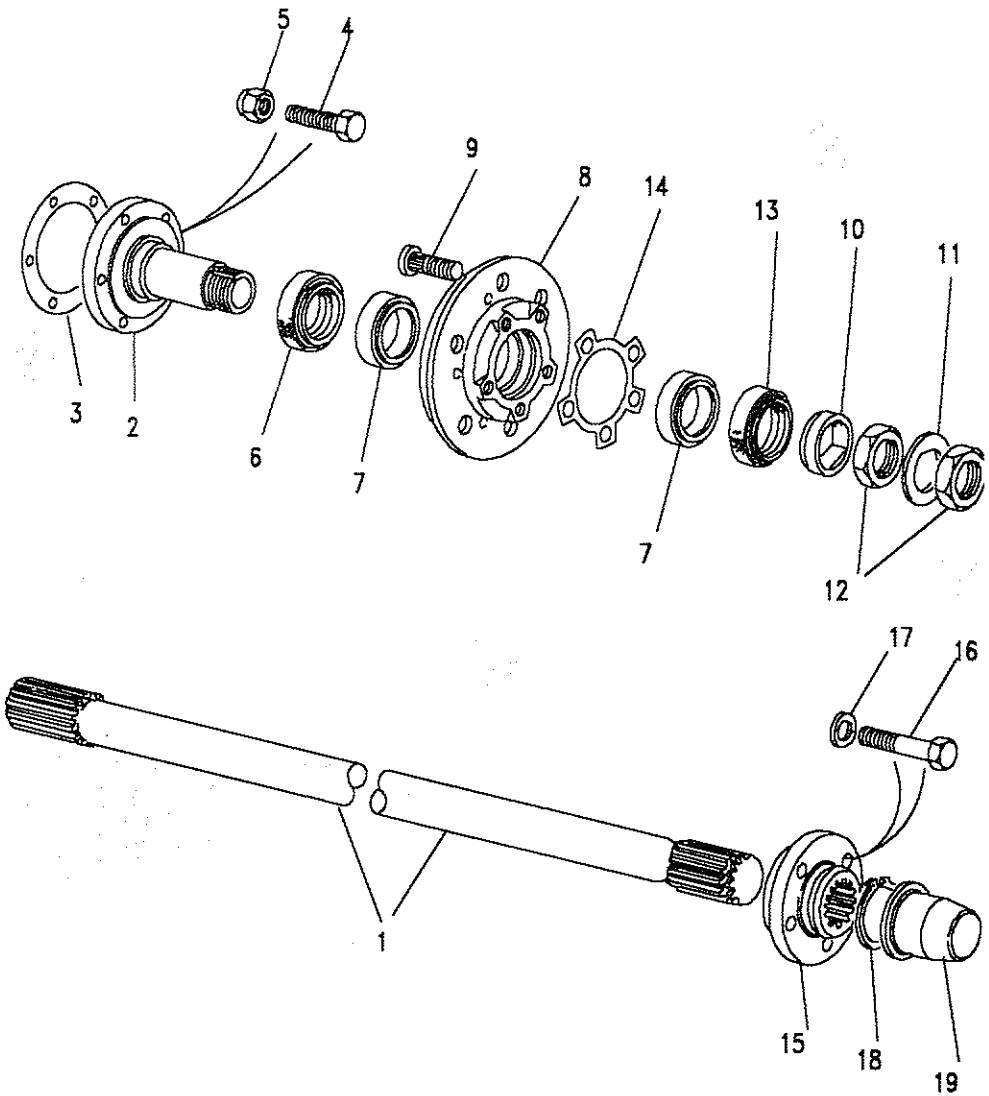
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 14 | FRC3988 | Joint washer | 2 | |
| 15 | FRC5806 | Driving member | 2 | |
| 16 | FC110107L | Bolt | 10 | |
| 17 | WL110001L | Washer spring | 10 | |
| 18 | 549473 | Circlip | 2 | |
| 19 | FRC4377 | Hub cap polyurethane | 2 | |




**Model** DEFENDER 90
**Page** ADEXEI2A

**REAR AXLE - DRIVE SHAFTS AND HUBS - UPTO VIN 930455**

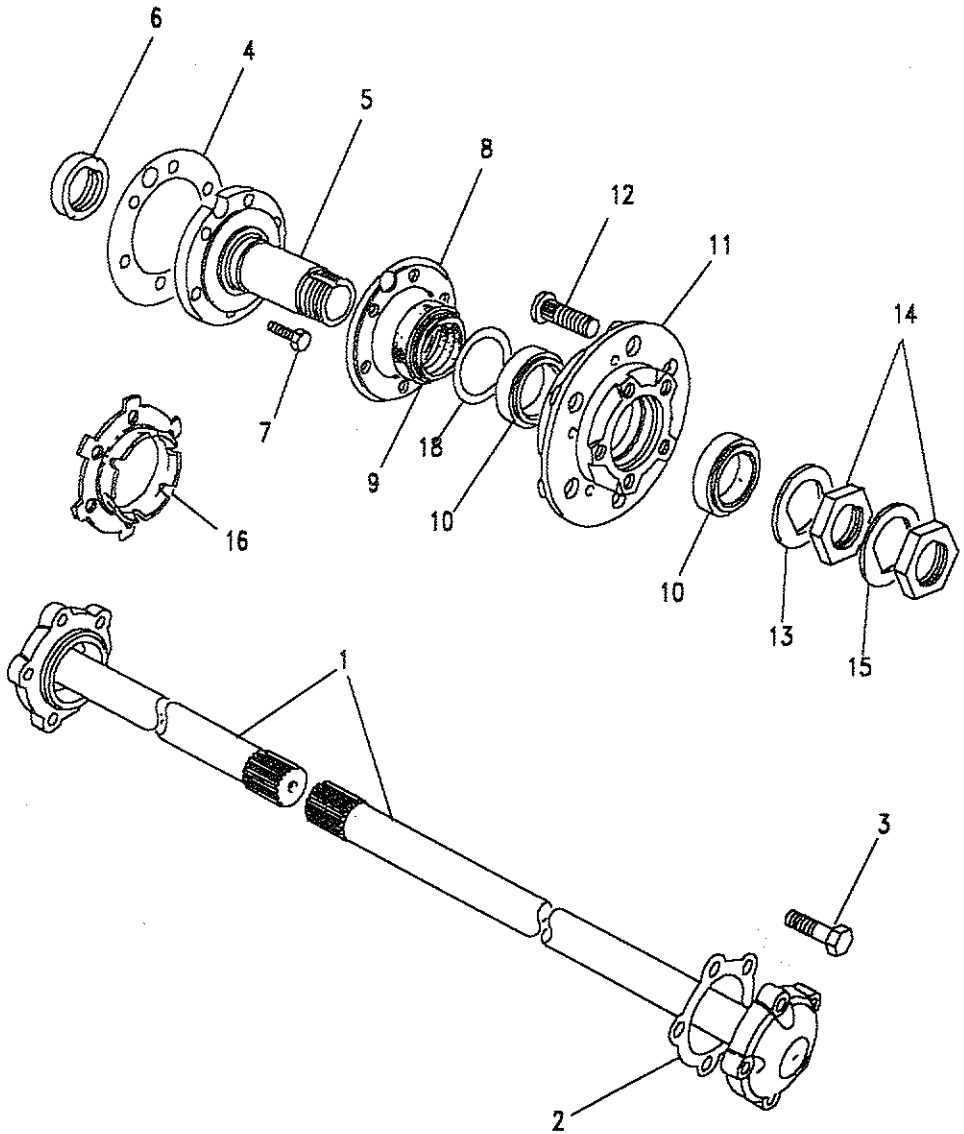
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **From 22S08284B** | | | | |
| **4 Cylinder** | | | | |
| 1 | FRC7680 | Shaft drive rear RH | 1 | Upto 22S64620E |
| | FRC7681 | Shaft drive rear LH | 1 | Upto 22S64620E |
| | FTC3732 | Shaft drive rear RH | 1 | From 22S64621E |
| | FTC3731 | Shaft drive rear LH | 1 | From 22S64621E |
| **4 Cylinder Heavy Duty Axle Type** | | | | |
| 1 | FRC8094 | Shaft drive rear RH | 1 | |
| | FRC8095 | Shaft drive rear LH | 1 | |
| **V8** | | | | |
| 1 | FRC8094 | Shaft drive rear RH | 1 | |
| | FRC8095 | Shaft drive rear LH | 1 | |
| 2 | FRC8540 | Hub bearing sleeve | 2 | |
| 3 | FTC3649 | Washer joint | 2 | |
| 4 | FRC7257 | Bolt M8 | 12 | |
| 5 | NY110041L | Nut M8 | 12 | |
| 6 | FTC2783 | Oil seal hub | 2 | |




**Model** DEFENDER 90
**Page** ADEXEI2A

**REAR AXLE - DRIVE SHAFTS AND HUBS - UPTO VIN 930455**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 7 | RTC3429 | Bearing | 4 | |
| 8 | FRC8555 | Hub assembly | 2 | |
| 9 | FRC6137 | Stud | 10 | |
| 10 | FRC8227 | Spacer | 2 | |
| 12 | FRC8700 | Lock nut | 4 | |
| 11 | FRC8002 | Locker | 2 | |
| 13 | FRC8222 | Oil seal | 2 | |
| 14 | FRC3988 | Joint washer | 2 | |
| 15 | FRC5806 | Driving member | 2 | |
| 16 | FC110107L | Bolt M10 | 10 | |
| 17 | WL110001L | Washer spring M10 | 10 | |
| 18 | 549473 | Circlip | 2 | |
| 19 | FTC943 | Cap hub polyurethane | 2 | |

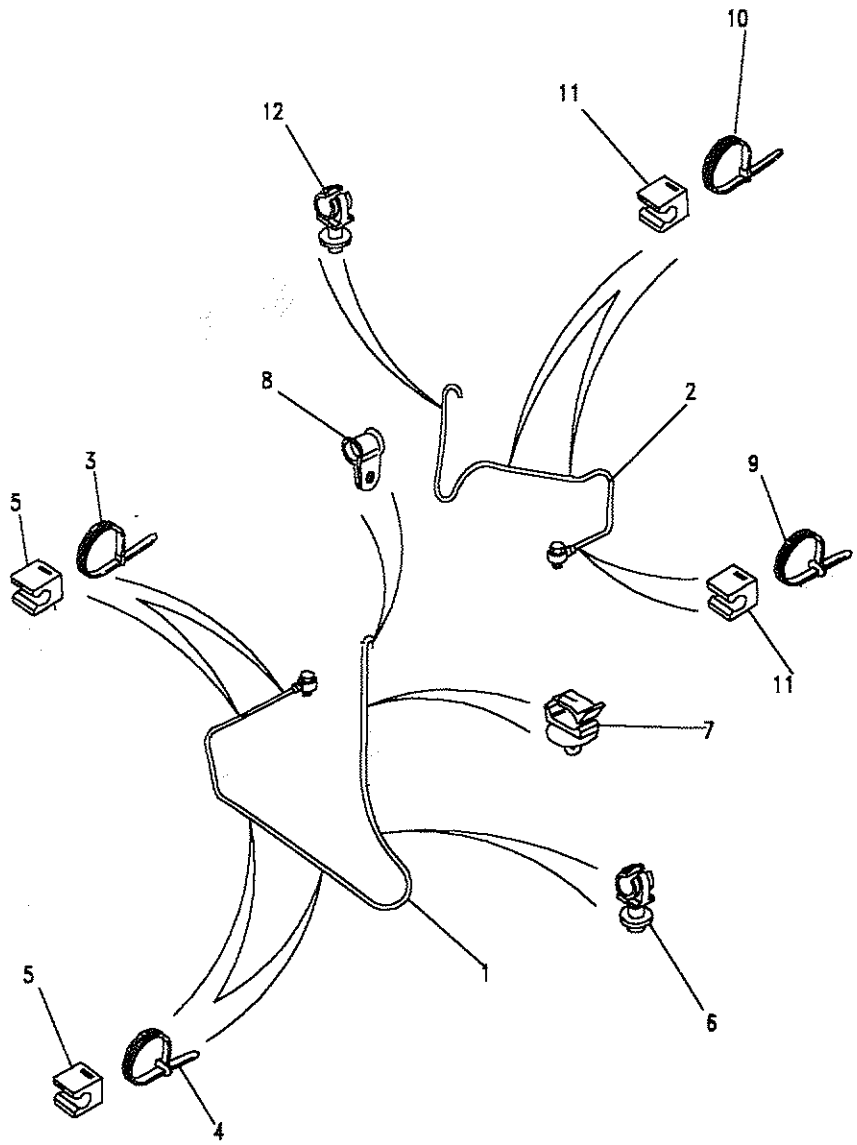



**Model** DEFENDER 90
**Page** ADEXEI3A

**REAR AXLE - DRIVE SHAFTS AND HUBS - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | **Vehicles with front and rear disc brakes** | | | |
| 1 | FTC3270 | Shaft drive rear RH | 1 | 24 spline |
| | FTC3271 | Shaft drive rear LH | 1 | 24 spline |
| 2 | 571752 | Joint washer | 2 | |
| 3 | BX110095M | Bolt m/encapsulated | 10 | Note(1) |
| 4 | FTC3650 | Joint washer | 2 | |
| 5 | FTC3188 | Axle stub | 2 | |
| 6 | FTC3145 | Oil seal stub axle | 2 | |
| 7 | SX110251 | Screw | 12 | |
| | BX110071L | Bolt M10 | 4 | Note(2) |
| 8 | FTC1378 | Mudshield Stub Axle | 2 | |
| 9 | FTC2783 | Seal hub | 2 | |
| 10 | RTC3429 | Bearing hub | 4 | |
| 11 | FTC942 | Hub asembly | 2 | |
| 12 | FRC5926 | Stud | 10 | |
| 13 | FTC3185 | Washer stub axle | 2 | |
| 14 | FRC8700 | Locknut | 4 | |
| 15 | FTC3179 | Washer lock | 2 | |
| 16 | FRC2310 | Plate locking | 2 | |

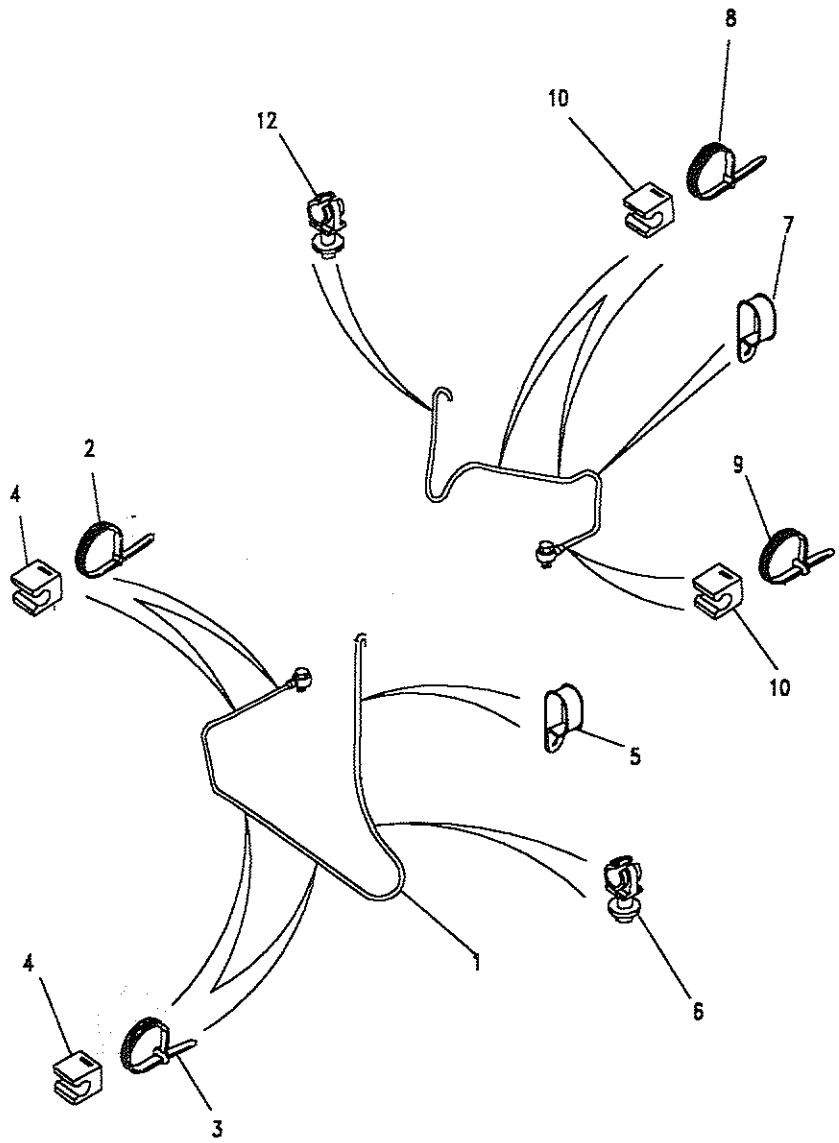
Note(1) Pre-impregnated with adhesive.
Note(2) Alternative if SX110251 is too short.




**Model** DEFENDER 90
**Page** ADEXGA1A

## AXLES - REMOTE BREATHERS - UPTO VIN 930455

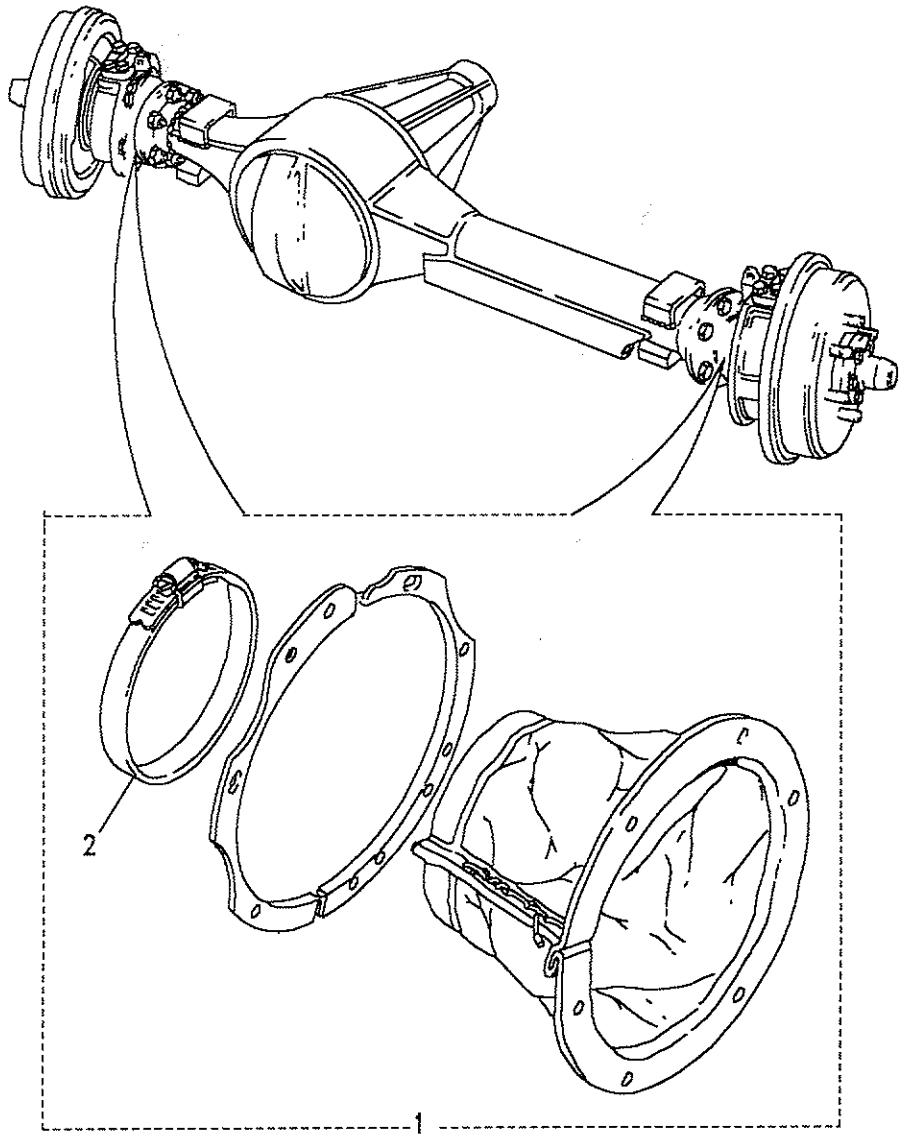
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| 1 | FTC2175 | Breather remote-front | 1 | |
| | 595478 | Banjo bolt | 1 | |
| | 232039 | Copper washer | 2 | |
| 2 | FTC2176 | Breather remote-rear | 1 | |
| | 595478 | Banjo bolt | 1 | |
| | 232039 | Copper Washer | 2 | |
| 3 | 594594 | Tie | 2 | |
| 4 | 568680 | Cleat | 2 | |
| 5 | NRC9246 | Clip | 4 | |
| 6 | 79123 | Clip | 1 | |
| 7 | AFU1090L | Clip | 1 | 4 Cylinder |
| 8 | BAU1689 | Clip | 1 | V8 |
| 9 | 594594 | Tie | 1 | |
| 10 | 568680 | Cleat | 2 | |
| 11 | NRC9246 | Clip | 3 | |
| 12 | 79123 | Clip | 1 | |




**Model** DEFENDER 90
**Page** ADEXGA2A

**AXLES - REMOTE BREATHERS - FROM VIN LA930456**

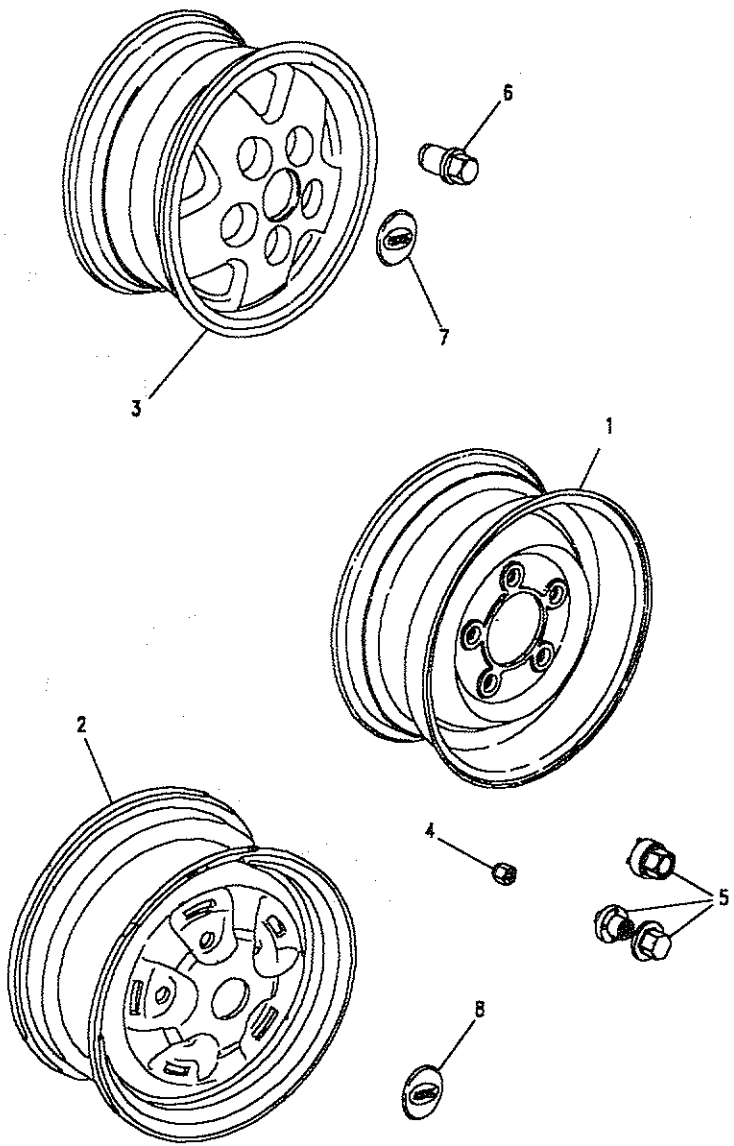
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FTC2177 | Breather remote-front | 1 | |
| 2 | 594594 | Tie | 2 | |
| 3 | 568680 | Cleat | 2 | |
| 4 | NRC9246 | Clip | 4 | |
| 5 | 622324 | Clip | 1 | |
| 6 | 79123 | Clip single | 1 | |
| 7 | FTC2179 | Breather remote-rear | 1 | |
| 8 | 594594 | Tie | 1 | |
| 9 | 568680 | Cleat | 2 | |
| 10 | NRC9246 | Clip | 3 | |
| 11 | 622324 | Clip | 1 | |
| 12 | 79123 | Clip single | 2 | |




**Model** DEFENDER 90
**Page** ADEXGC1A

**FRONT AXLE - GAITER KIT**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC3826 | Kit gaiter | 1 | |
| 2 | RTC3519 | Clip hose | 2 | |

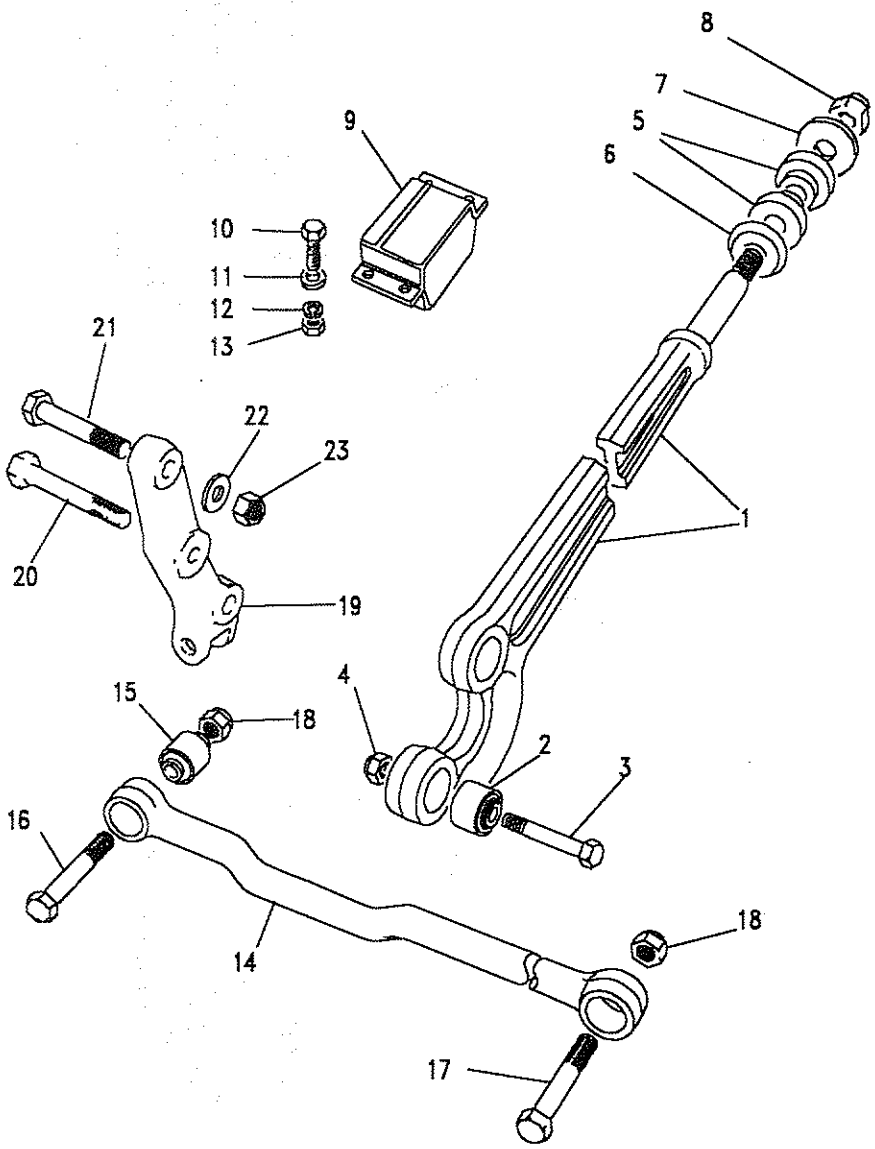



**Model** DEFENDER 90
**Page** ADEXGE1A

**AXLES - ROAD WHEEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC7578PM | Wheel road | 5 | Note(1) |
| 2 | NTC4135PM | Wheel road | 5 | Note(2) |
| 3 | RTC9526 | Wheel road alloy | 5 | 90SV |
| 4 | 90577473 | Wheel Nut-16mm | 20 | |
| 5 | RTC9535 | Wheel Nut-Locking | 1 | Set of 5 |
| | ANR2763MMM | Nut locking capped | 5 | 90SV |
| 6 | NRC7415 | Nut road wheel | 20 | 90SV |
| 7 | ANR2391MUE | Wheel cap center silver | 5 | 90SV |
| 8 | ANR3861 | Wheel cap centre white | 5 | Note(3) |

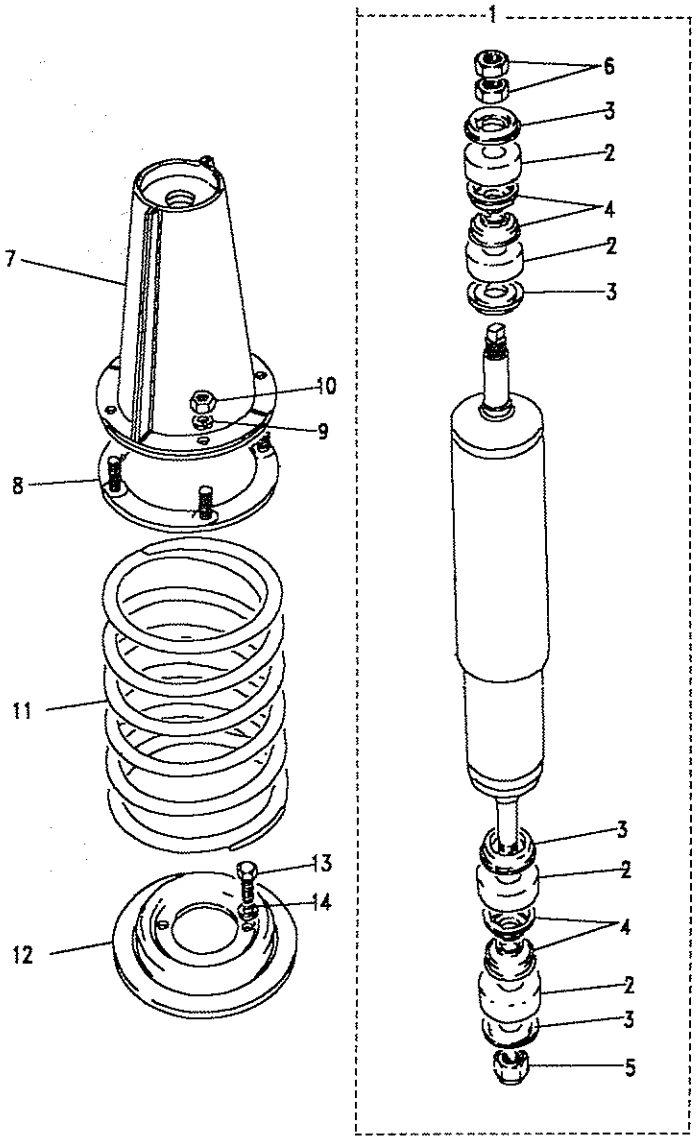
Note(1) 5.5F x 16 x 33mm inset
Note(2) Range Rover type, Option for Station Wagon, 1987 Model Year onwards, 6JK x 16 x 33mm inset
Note(3) From MA949206




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**Page** ADEXIA1A

## FRONT SUSPENSION - RADIUS ARM AND LINKS

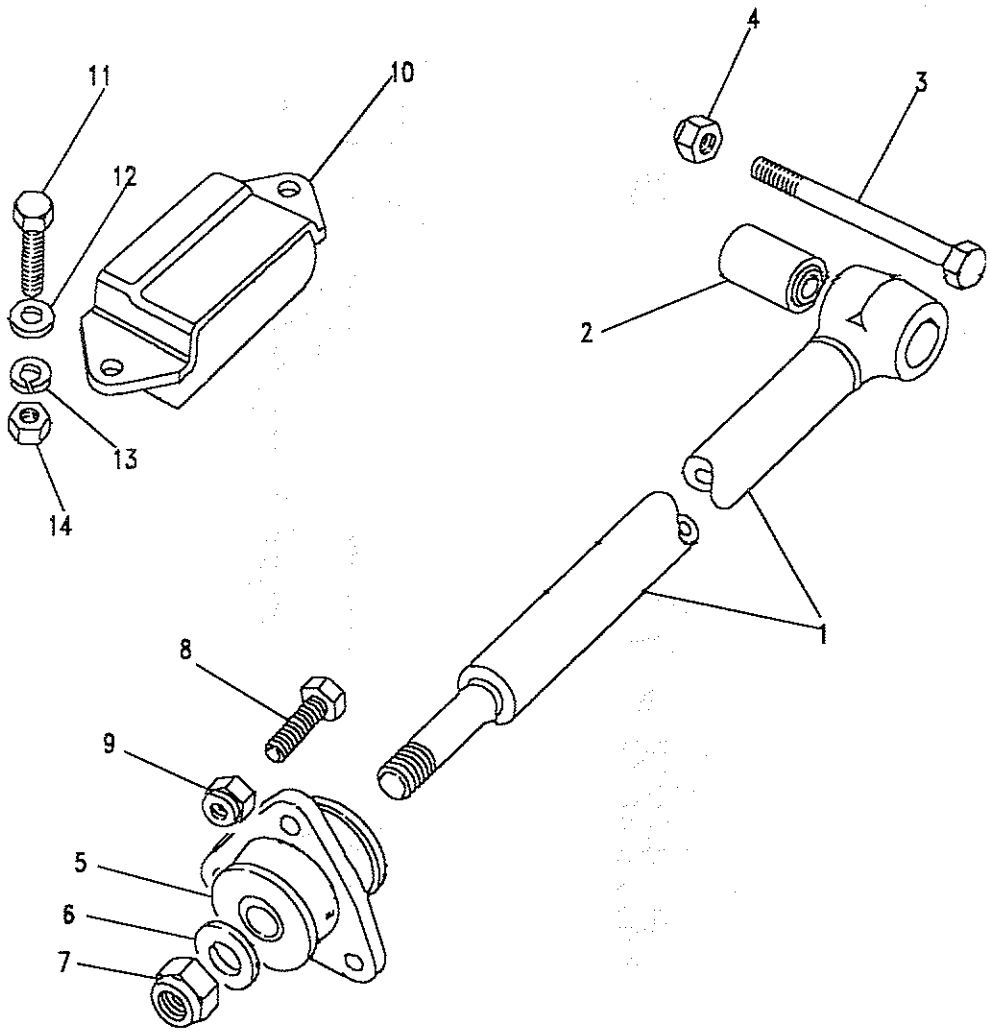
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC2705 | Arm radius | 2 | Upto 930455 |
| | NTC7331 | Radius arm assembly | 2 | From LA930456 |
| 2 | NTC7307 | Bush | 4 | Upto 930455 |
| | NTC6781 | Bush | 4 | From LA930456 |
| 3 | BH610281L | Bolt | 4 | Upto 930455 |
| | BH116207 | Bolt | 4 | From LA930456 |
| 4 | NY610041 | Nut | 4 | Upto 930455 |
| | NV116047 | Nut | 4 | From LA930456 |
| 5 | NRC4514 | Bush | 4 | |
| 6 | NRC4515 | Washer dished | 2 | |
| 7 | NRC4516 | Washer plain | 2 | |
| 8 | NY120041L | Nut | 2 | |
| 9 | 575707 | Bump stop | 2 | |
| 10 | FS108201 | Screw | 4 | |
| 11 | WA108051L | Washer plain | 4 | |
| 12 | WL108001L | Washer spring | 4 | |
| 13 | NY108041L | Nut | 4 | |
| 14 | NRC9729 | Rod panhard | 1 | |
| 15 | ANR3410 | Bush rubber | 2 | |
| 16 | BH114161 | Bolt | 1 | |
| 17 | BH114161 | Bolt | 1 | |
| 18 | NY114041 | Nut | 2 | |
| | NV114047 | Nut | 2 | From MA939976 |
| 19 | NTC9462 | Arm mounting RH RHS | 1 | |
| | NTC9461 | Arm mounting LH LHS | 1 | |
| 20 | 253952 | Bolt | 1 | |
| 21 | BH608461 | Bolt | 1 | |
| 22 | WC112081L | Washer plain | 2 | |
| 23 | NY608041L | Nut | 2 | |




**Model** DEFENDER 90
**Page** ADEXIC1A

## FRONT SUSPENSION - SHOCK ABSORBER & ROAD SPRING

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4635 | Kit shock absorber | 2 | Upto VIN HA476189 |
| | STC288 | Kit shock absorber | 2 | From VIN HA476190 |
| 2 | 552818 | Cushion rubber | 8 | |
| 3 | 500746 | Washer retaining | 8 | |
| 4 | NRC4365 | Washer guide | 8 | |
| 5 | NY608041L | Nut | 2 | )Alternatives |
| 6 | NV608041L | Nut | 2 | )Upto VIN HA476189 |
| | NT608041L | Lock nut | 4 | |
| | NTC4571 | Nut | 8 | From VIN HA476190 |
| 7 | NRC6372 | Bracket-shock absorber | 2 | |
| 8 | 572087 | Ring securing | 2 | |
| 9 | WM600051L | Washer spring | 8 | |
| 10 | NH605041L | Nut | 8 | |
| 11 | NRC9446 | Spring road front | 1 | Driver |
| | NRC9447 | Spring road front | 1 | Passenger |
| 12 | NRC9700 | Seat | 2 | |
| 13 | SH110251L | Screw | 4 | |
| 14 | WM110001L | Washer spring | 4 | |
| | WA110061L | Washer plain | 8 | |

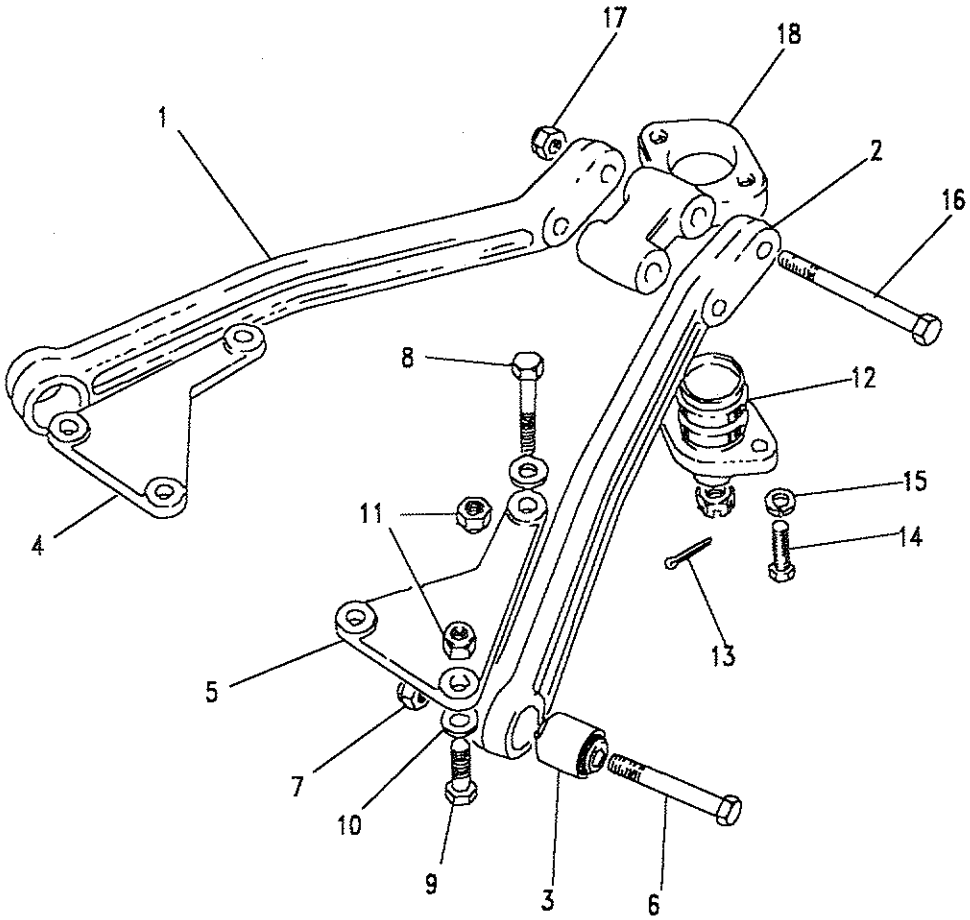



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## REAR SUSPENSION - BOTTOM LINK

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC4720 | Link bottom(solid) | 2 | Note(1) |
| | NTC8328 | Link bottom(hollow) | 2 | From VIN HA470428 |
| 2 | NTC1772 | Bush | 2 | |
| 3 | BH610321L | Bolt | 2 | |
| 4 | NY610041L | Nut | 2 | |
| 5 | STC618 | Kit mounting rubber | 1 | Upto VIN JA910736 |
| | NTC9027 | Mounting rubber | 2 | From VIN JA910737 |
| 6 | WA120001 | Washer plain | 2 | |
| 7 | NY120041L | Nut | 2 | |
| 8 | SH110301 | Screw | 6 | |
| 9 | NY110041 | Nut | 6 | |
| 10 | 90575789 | Bump stop | 2 | |
| 11 | FS108201 | Screw | 4 | |
| 12 | WA108051L | Washer plain | 4 | |
| 13 | WL108001L | Washer spring | 4 | |
| 14 | NY108041L | Nut | 4 | |

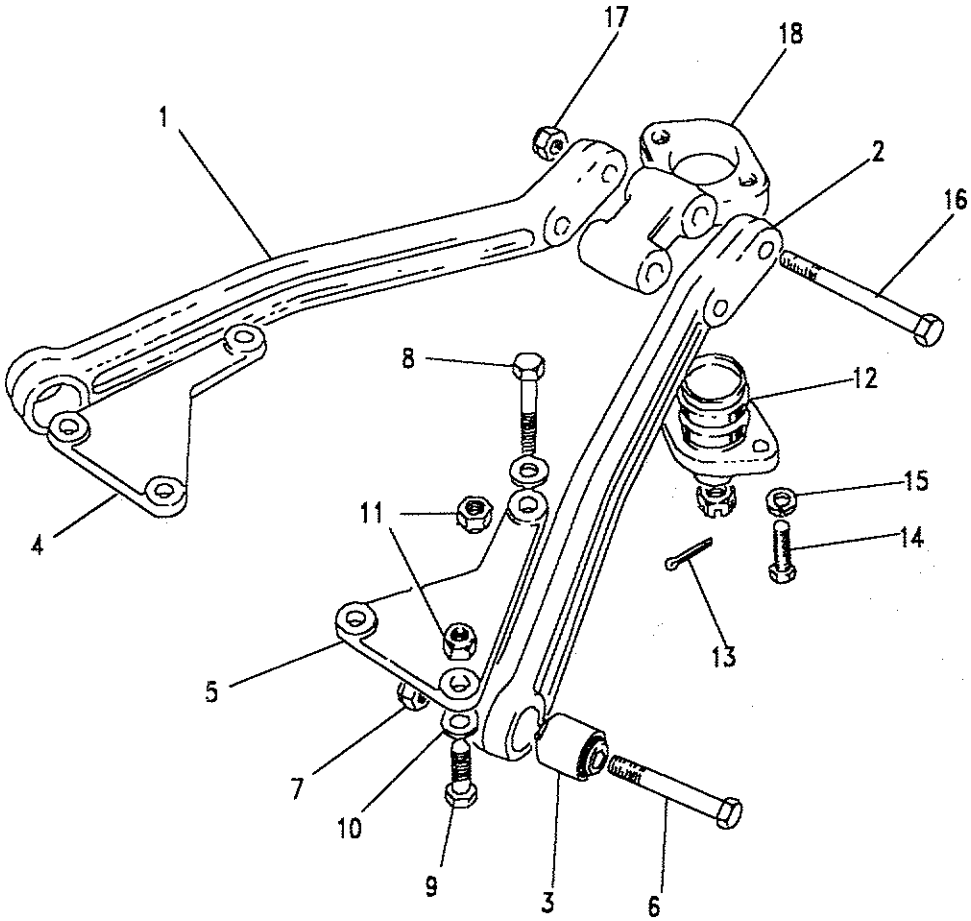
Note(1) Upto VIN HA470427 - No longer available - use NTC8328 which must be fitted in pairs




**Model** DEFENDER 90
**Page** ADEXKA2A

**REAR SUSPENSION - TOP LINK, FULCRUM, BALL JOINT**

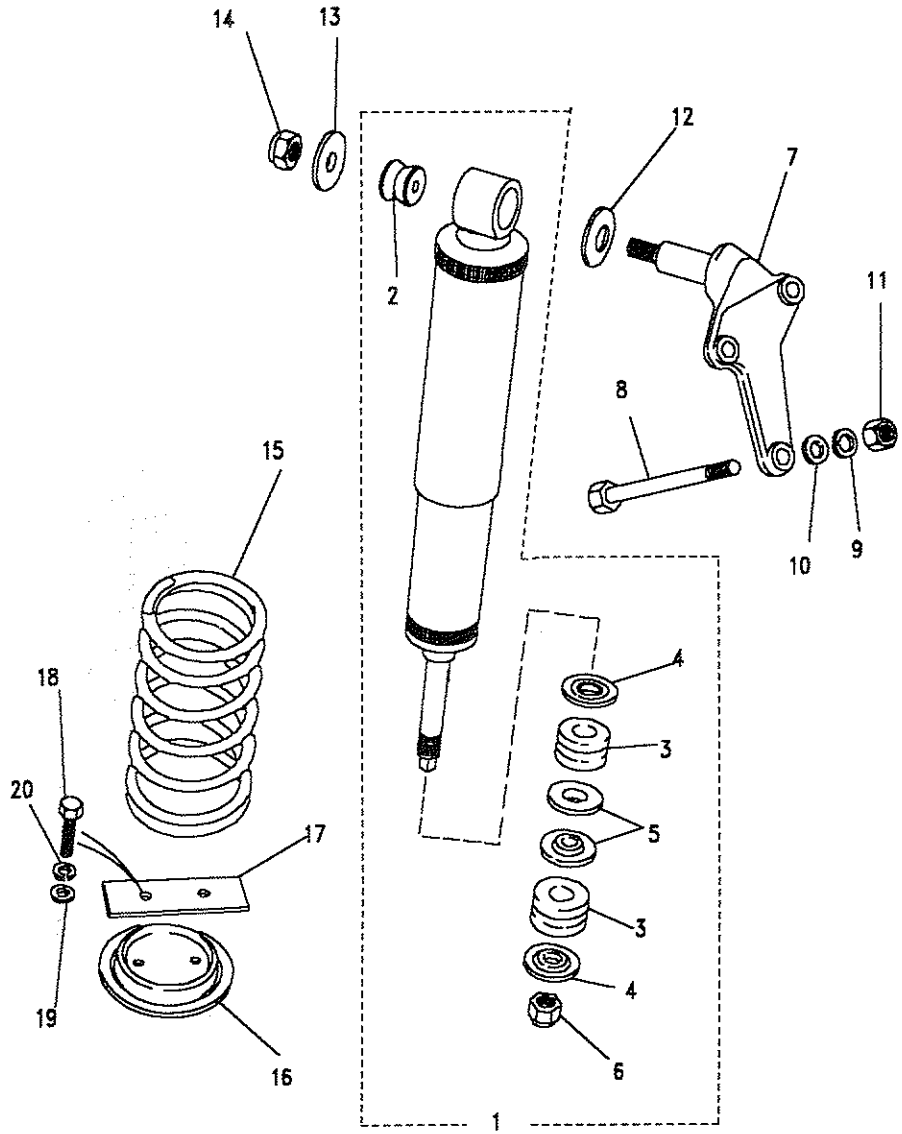
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC2706 | Link top-RH | 1 | |
| 2 | NTC2707 | Link top-LH | 1 | |
| 3 | NTC1773 | Bush | 2 | |
| 4 | 575615 | Bracket-RH | 1 | |
| 5 | 575616 | Bracket-LH | 1 | |
| 6 | BH612321 | Bolt | 2 | |
| 7 | NY612041 | Nut — 3/4 UNF | 2 | |
| 8 | BX110111L | Bolt | 2 | |
| 9 | BX110091L | Bolt | 4 | |
| 10 | WC110061L | Washer plain | 6 | |
| 11 | NY110051L | Nut — M10 | 6 | |
| 12 | 572337 | Ball joint | 1 | Upto VIN 329986 |
| | | | NLA | use NTC426 0 |
| | NTC4260 | Ball joint | 1 | From VIN 329987 Upto JA914424 |
| | | | NLA | use NTC993 2 |
| | NTC9932 | Ball joint | 1 | From JA914424 Upto KA930263 |
| | | | NLA | use ANR179 9 |
| | ANR1799 | Ball joint | 1 | From KA930264 |
| | 572338 | Cover dust | 1 | Upto VIN 329986 |
| | 592445 | Ring spring | 2 | Upto VIN 329986 |
| | WB120001 | Washer special | 1 | From VIN KA930264 |
| | NTC4618 | Nut 20mm | 1 | From VIN 329987 |




**Model** DEFENDER 90
**Page** ADEXKA2A

## REAR SUSPENSION - TOP LINK, FULCRUM, BALL JOINT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | PS608101L | Split pin | 1 | Upto VIN JA914424 |
| | PS106321L | Split pin | 1 | From VIN JA914425 |
| 14 | SH605081L | Bolt | 2 | Upto VIN KA930263 |
| | FS108201 | Bolt flanged | 2 | From VIN KA930264 |
| 15 | WM600051L | Washer spring | 2 | Upto VIN KA930263 |
| 16 | 253952 | Bolt | 2 | 6.5" long |
| 17 | NY608041L | Nut | 2 | |
| 18 | NRC3923 | Bracket imperial thread | 1 | Upto VIN KA930263 |
| | ANR3037 | Bracket metric thread | 1 | From VIN KA930264 |




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**Page** ADEXKC1A

## REAR SUSPENSION - SHOCK ABSORBER & ROAD SPRING

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4636 | Kit shock absorber | 2 | Upto VIN HA475839 |
| | STC289 | Kit shock absorber | 2 | From VIN HA475840 |
| 2 | NRC5593 | Bush rubber | 2 | |
| 3 | 552818 | Cushion rubber | 4 | |
| 4 | 500746 | Washer retaining | 4 | |
| 5 | NRC6235 | Washer guide | 4 | |
| 6 | NY608041L | Nut 1/2 UNF | 2 | )Alternatives |
| | NV608041L | Nut | 2 | )Upto VIN HA475839 |
| | NTC4571 | Nut | 2 | From VIN HA475840 |
| 7 | NRC7981 | Bracket shock absorber | 2 | |
| 8 | BH110221L | Bolt | 6 | |
| 9 | WM110001L | Washer spring } M10 | 6 | |
| 10 | WC110061L | Washer plain } | 6 | |
| 11 | NH110041L | Nut | 6 | |
| 12 | NRC5602 | Retainer inner | 2 | |
| 13 | NRC5603 | Retainer outer | 2 | |
| 14 | NY112041L | Nut — M12 UNFL | 2 | |
| 15 | NRC9448 | Spring road rear | 1 | Driver |
| | NRC9449 | Spring road rear | 1 | Passenger |
| | NRC9462 | Spring road rear | 1 | Driver Heavy duty |
| | NRC9463 | Spring road rear | 1 | Passenger Heavy duty |
| 16 | 575579 | Seat | 2 | Uptp LA939975 |
| | ANR3578 | Spring seat | 2 | From MA939976 |
| 17 | NTC6106 | Retainer | 2 | |
| 18 | SH110251L | Screw | 4 | |
| 19 | WA110061L | Washer plain | 8 | |
| 20 | WM110001L | Washer spring | 4 | |

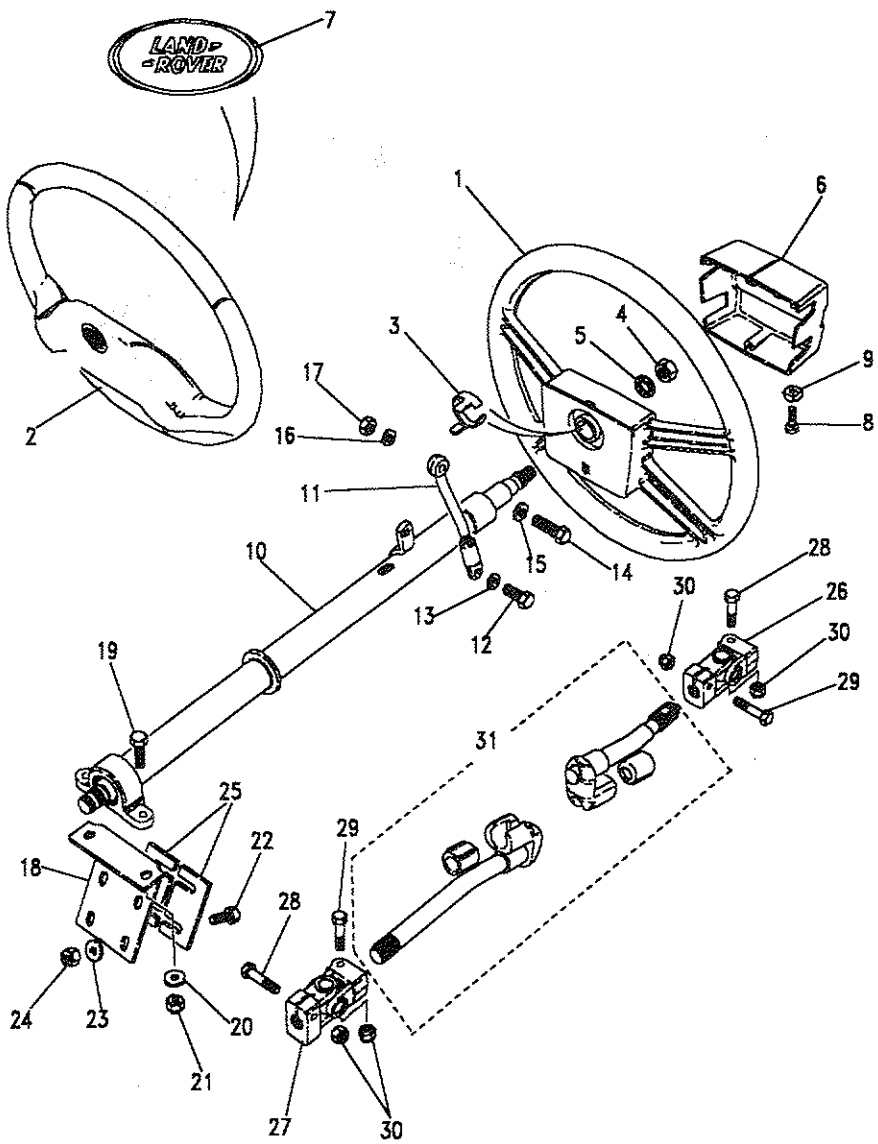
## MASTER INDEX


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GROUP F

STEERING


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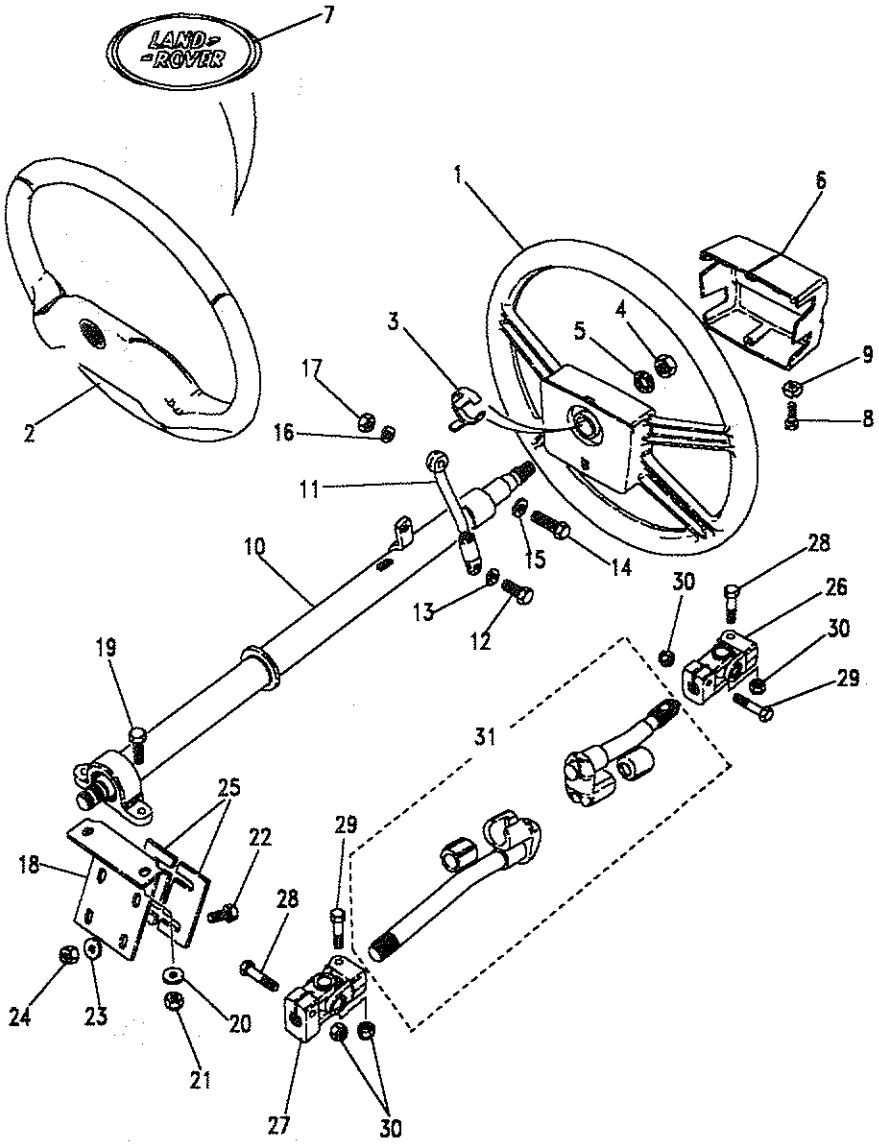



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## STEERING - STEERING WHEEL AND COLUMN

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5281 | Wheel steering | 1 | Upto VIN JA906579 |
| 1 | NTC4844 | Wheel steering | 1 | Note(1)<br>Upto VIN JA906579 |
| 2 | NTC8847 | Wheel steering | 1 | Note(3) |
| | ANR3231 | Wheel steering | 1 | Note(4) |
| 3 | NRC7636 | Ring striker | 1 | |
| 4 | CRC2015 | Nut | 1 | |
| 5 | WE600081 | Washer shakeproof | 1 | |
| 6 | NRC6747 | Moulding | 1 | Upto VIN HA906579 |
| 6 | NTC7731 | Moulding | 1 | Note(1)<br>Upto VIN HA906579 |
| 7 | NTC8848 | Cap centre | 1 | From VIN JA906580 |
| 8 | SE106121L | Screw | 1 | Upto VIN HA906579 |
| 9 | NK106081 | Nut grip | 1 | Upto VIN HA906579 |
| 10 | NRC7635 | Column steering | 1 | Note(2) |
| | | | 1 | Upto VIN HA906579 |
| 10 | NTC9068 | Column steering | 1 | Note(2)<br>From VIN JA906580 |
| 11 | NRC9711 | Tie rod | 1 | |
| 12 | SH110161L | Screw | 1 | |
| 13 | WL110001L | Washer spring | 1 | |
| 14 | SH110301L | Screw | 1 | |
| 15 | WA110061L | Washer plain | 1 | |

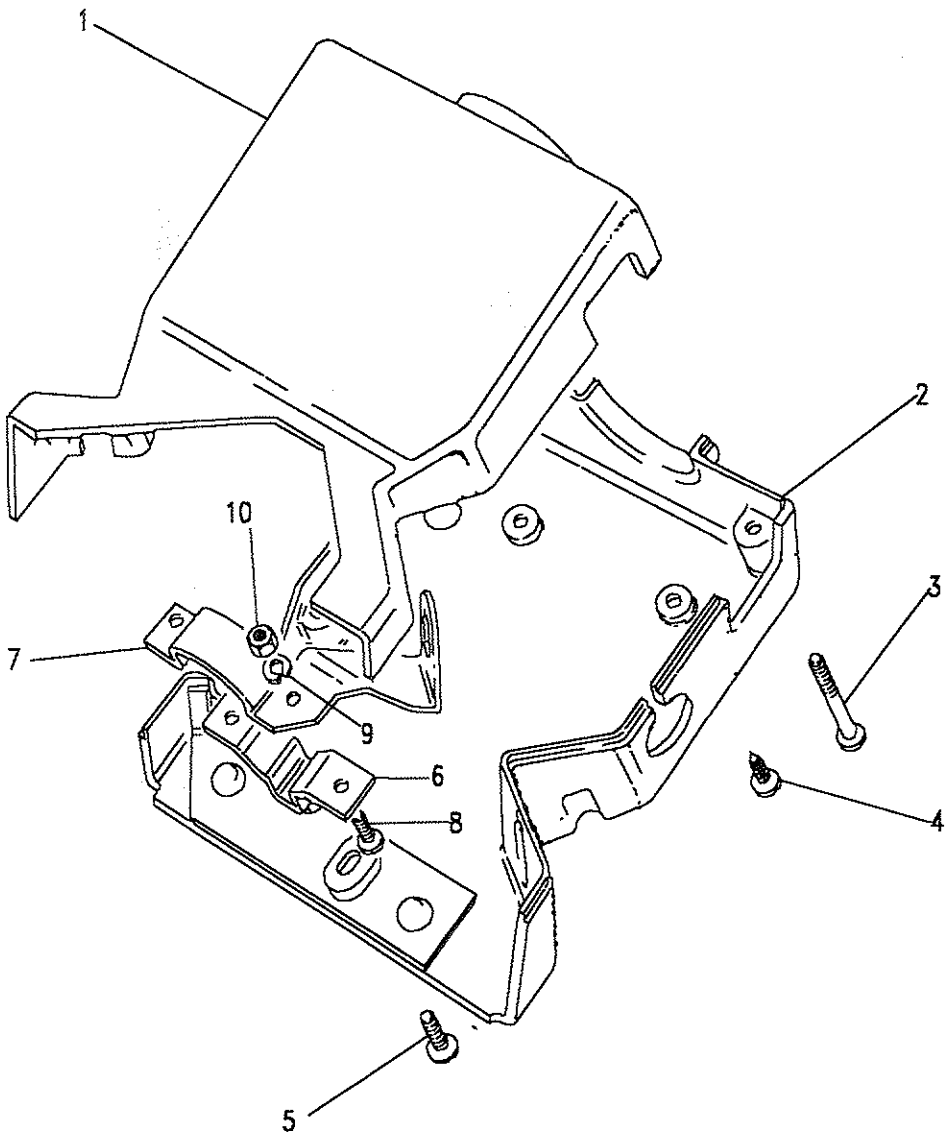
Note(1) Option - County Station Wagon - Leather trimmed
Note(2) Steering column lock - see page 760 - 761
Note(3) From JA906580, up to LA936926
Note(4) From LA936927




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**Page** ADFXAA1A

**STEERING - STEERING WHEEL AND COLUMN**

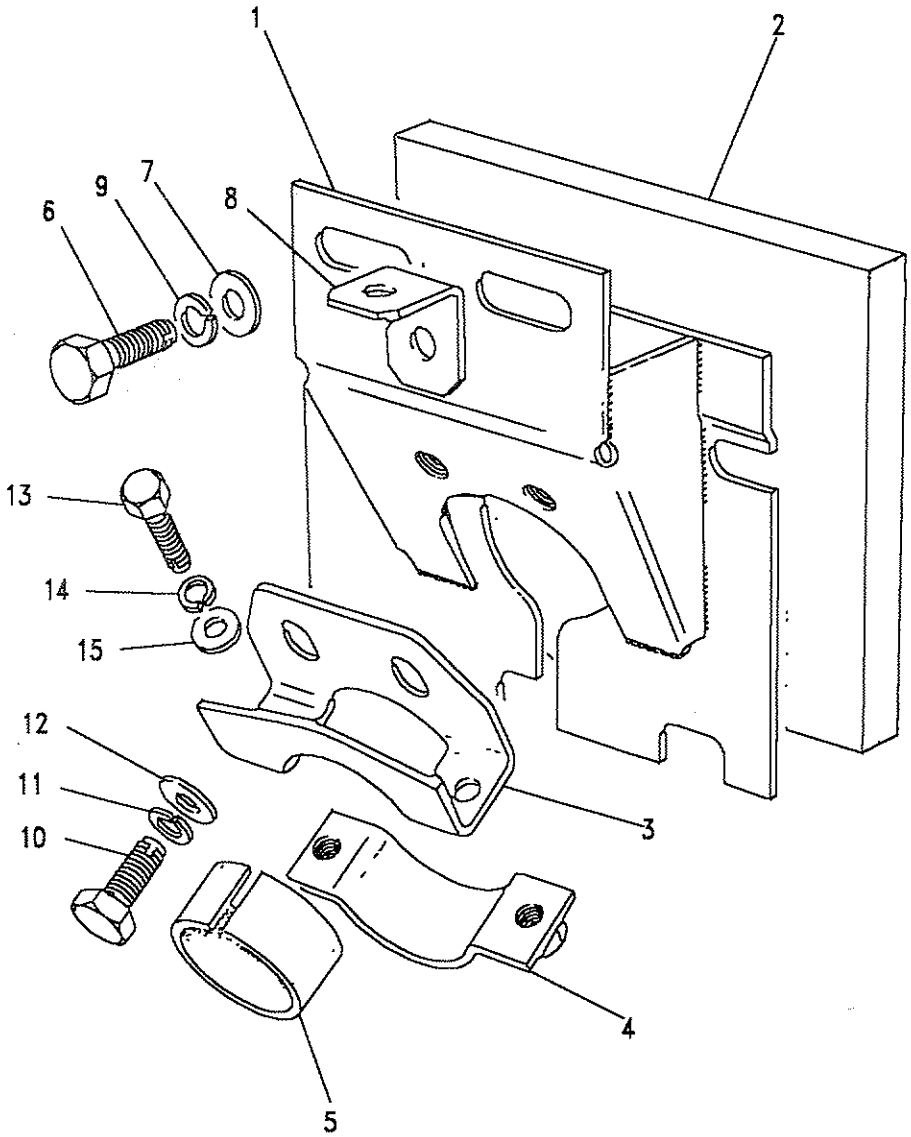
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 16 | WL110001L | Washer spring | 1 | |
| 17 | NH110041L | Nut | 1 | |
| 18 | NRC7127 | Support | 1 | |
| 19 | BH108251L | Bolt | 2 | |
| 20 | WC108051L | Washer plain | 2 | |
| 21 | NY108041L | Nut | 2 | |
| 22 | BH108251L | Bolt | 4 | |
| 23 | WC108051L | Washer plain | 4 | |
| 24 | NY108041L | Nut | 4 | |
| 25 | 569522 | Packing piece | 4 | |
| 26 | NRC7387 | Universal joint | 1 | |
| 27 | NRC7704 | Universal joint | 1 | |
| 28 | BH108091L | Bolt | 2 | |
| 29 | BH108091L | Bolt | 2 | |
| 30 | NY108041L | Nut | 4 | |
| 31 | RTC4738 | Shaft steering | 1 | |




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**Page** ADFXCA1A

**STEERING - STEERING COLUMN SHROUD**

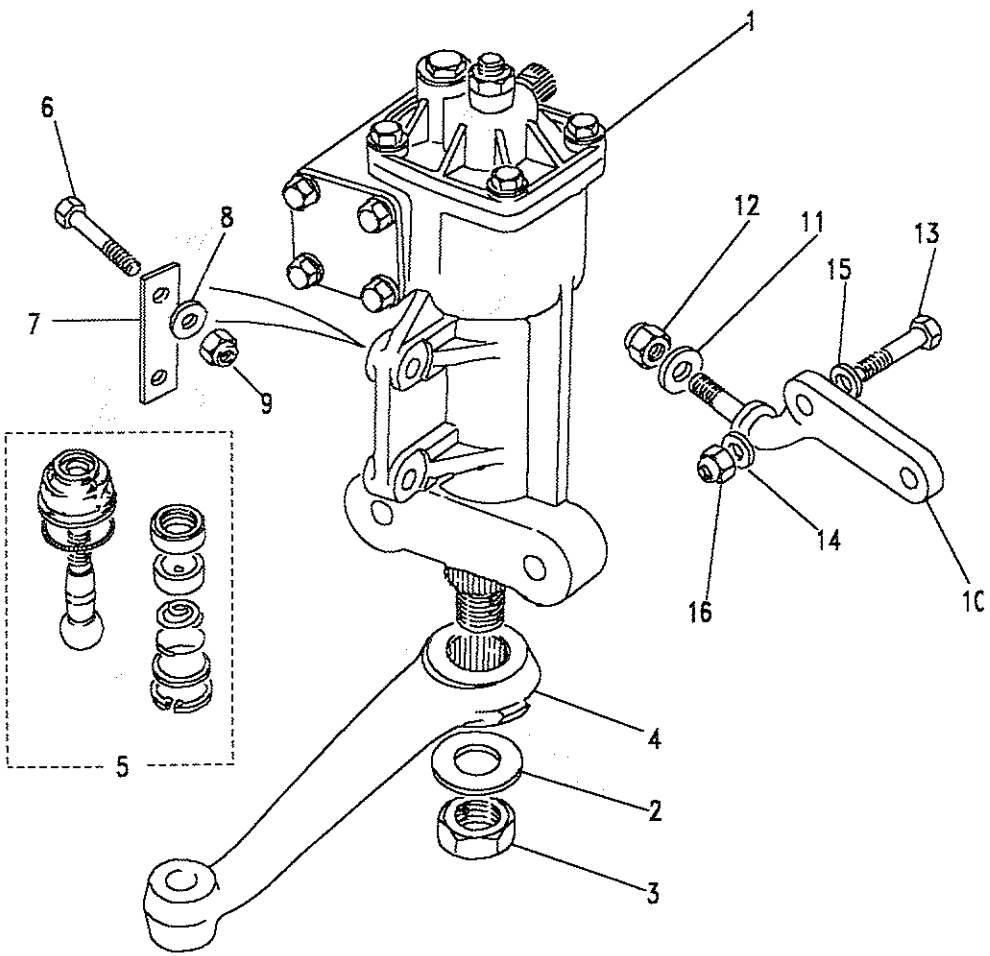
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC3499 | Shroud Upper | 1 | |
| 2 | MTC3801 | Shroud Lower | 1 | |
| 3 | SE105401 | Screw | 2 | |
| 4 | AR608031L | Screw | 2 | |
| 5 | SE105161 | Screw | 1 | |
| 6 | NRC7836 | Clamp | 1 | |
| 7 | NRC7835 | Bracket | 1 | |
| 8 | SH105121 | Screw | 2 | |
| 9 | WA105001 | Washer spring | 2 | |
| 10 | NH105041 | Nut | 2 | |
| | 331083 | Grommet blanking | 1 | Diesel |




**Model** DEFENDER 90
**Page** ADFXEA1A

## STEERING - COLUMN TOP SUPPORT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC1382 | Bracket support | 1 | |
| 2 | MUC7000 | Seal | 1 | |
| 3 | 346722 | Clamp top | 1 | |
| 4 | MTC1078 | Clamp lower | 1 | |
| 5 | 348747 | Strip rubber | 1 | |
| 6 | FS108251L | Screw | 2 | |
| 7 | WA108051L | Washer plain | 1 | |
| 8 | MTC4771 | Bracket | 1 | |
| 9 | WL108001L | Washer spring | 2 | |
| | NN108021 | Nutsert | 2 | |
| 10 | GG108251L | Screw | 2 | |
| 11 | WA108051L | Washer plain | 2 | |
| 12 | WL108001L | Washer spring | 2 | |
| 13 | GG106251L | Screw | 2 | |
| 14 | WL106001L | Washer spring | 2 | |
| 15 | WA106041L | Washer plain | 2 | |

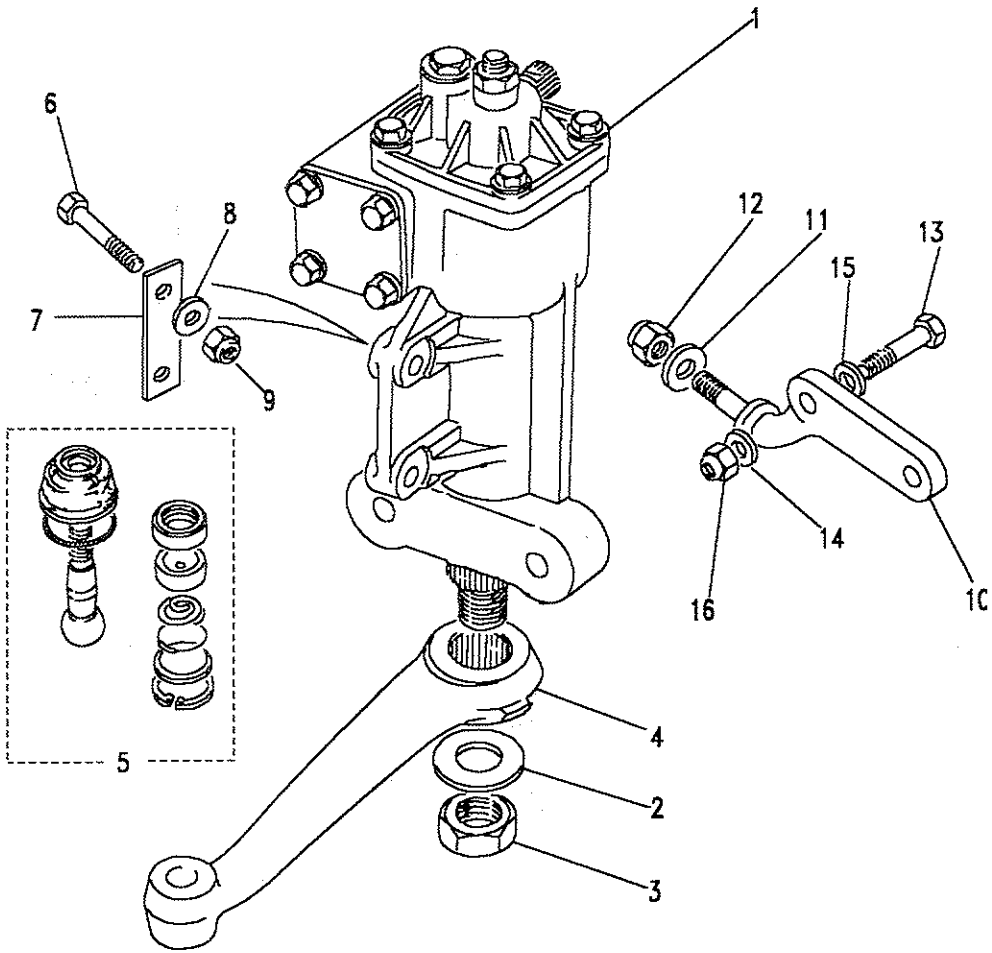



**Model** DEFENDER 90
**Page** ADFXGA1A

**STEERING - MANUAL STEERING BOX - GEMMER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Right Hand Steering** | | | | |
| | NTC8224 | Steering box | 1 | ) |
| | NTC2590E | Steering box exchange | 1 | )Up to JA922154 |
| **Left Hand Steering** | | | | |
| | NTC8223 | Steering box | 1 | ) |
| | NTC2591E | Steering box exchange | 1 | )Up to JA920706 |
| 2 | AEU4025 | Washer | 1 | |
| 3 | AEU4026 | Nut | 1 | |
| 4 | RTC6398 | Drop Arm-RHS | 1 | Note(3) |
| | RTC6399 | Drop Arm-LHS | 1 | Note(3) |
| 5 | AEU2761 | Kit ball joint | 1 | Note(1) |
| | RTC4198 | Kit ball joint | 1 | Note(2) |
| 6 | BH607381 | Bolt | 4 | Note(1) |
| | BX112201 | Bolt | 4 | Note(2) |
| 7 | 572077 | Washer tab | 2 | |
| 8 | WA600071 | Washer plain | 8 | Note(1) |
| | WA112081L | Washer plain | 4 | Note(2) |
| 9 | NY607041L | Nut nyloc | 4 | Note(1) |

Note(1) Upto VIN 312179 RHS. VIN 323657 LHS
Note(2) From VIN 312180 RHS. VIN 323658 LHS
Note(3) Use RTC4198 Ball Joint Kit When fitting replacement Drop Arm RTC6398/RTC6399.

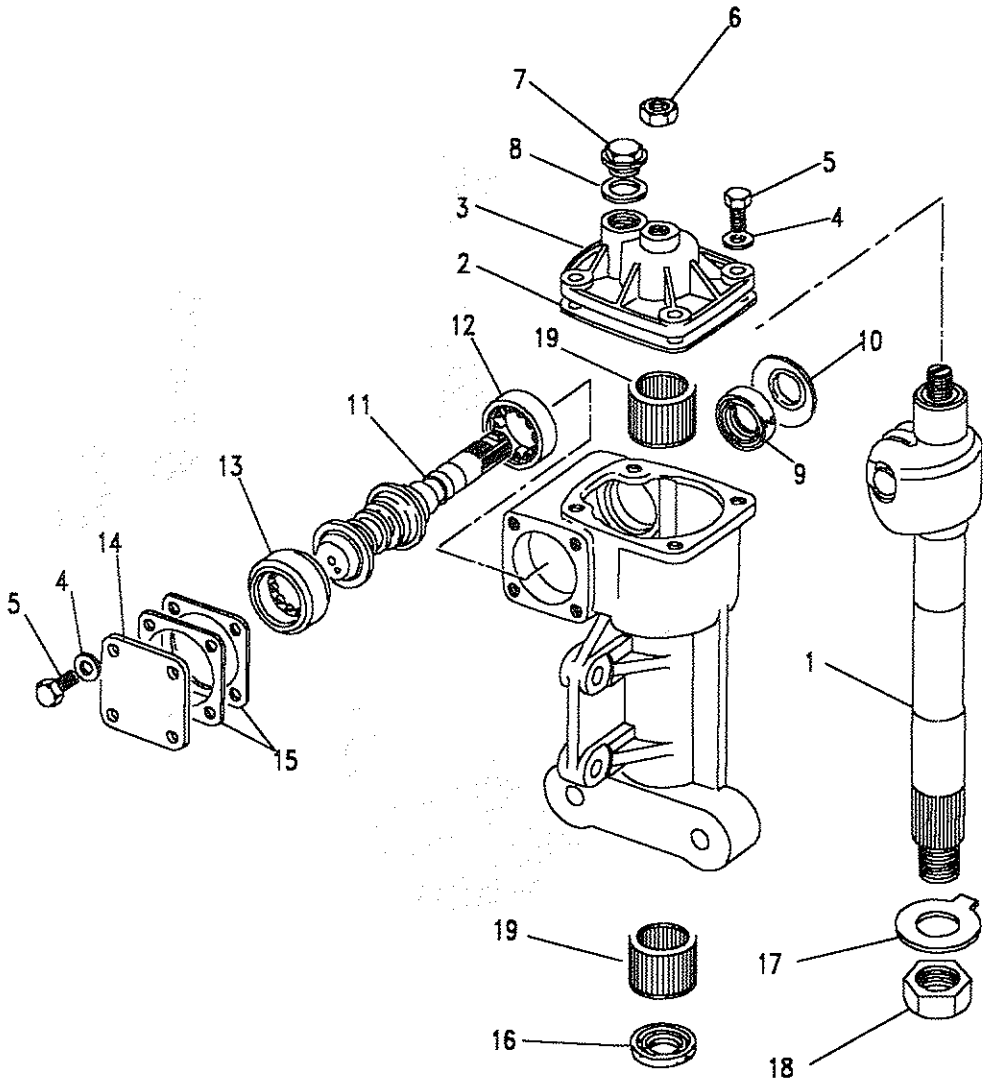



**Model** DEFENDER 90
**Page** ADFXGA1A

## STEERING - MANUAL STEERING BOX - GEMMER

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 10 | 594947 | Tie Bar-RHS | 1 ) | |
| | 594946 | Tie Bar-LHS | 1 ) | Note(1) |
| | ANR2994 | Tie bar LHS & RHS | 2 | Note(2) |
| 11 | 4905 | Washer plain | 1 | |
| 12 | NY608041L | Nut | 1 | |
| 13 | 253963 | Bolt | 2 | |
| 14 | 217245 | Washer plain | 2 | |
| 15 | 3261 | Plain Washer | 2 | |
| 16 | NY607041L | Nut | 2 | |

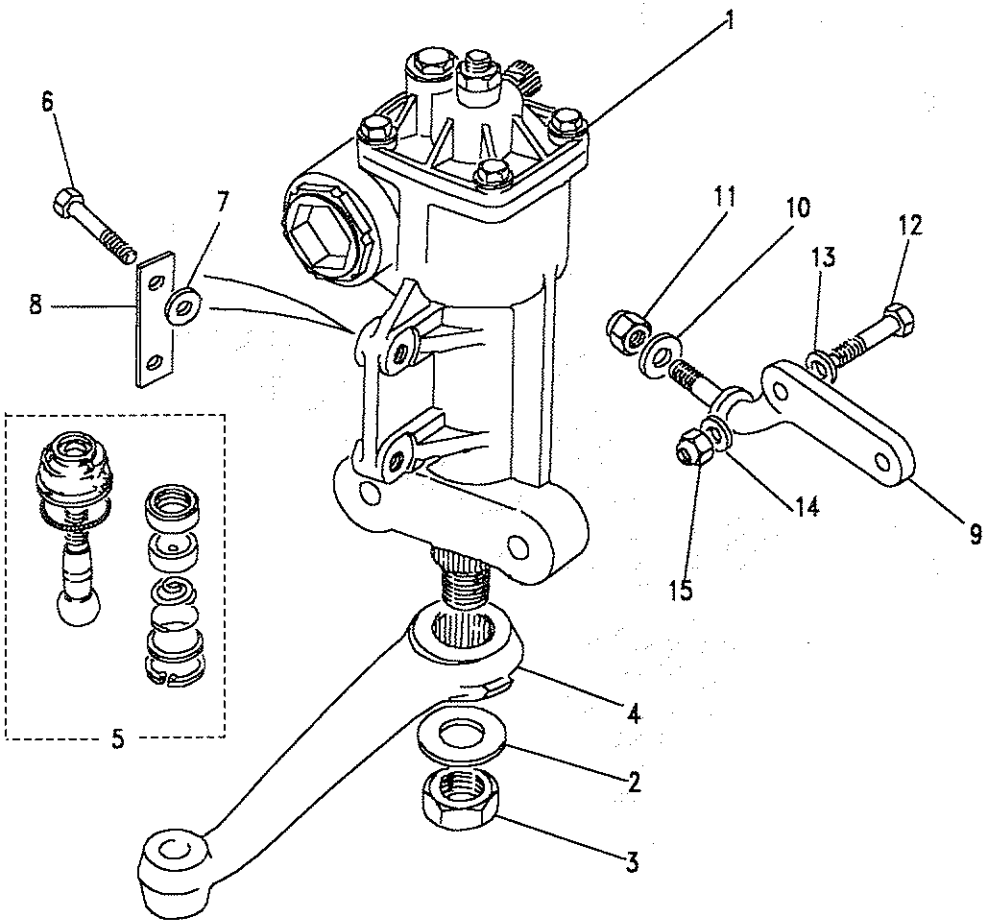
Note(1) Up to LA939975
Note(2) From MA939976




**Model** DEFENDER 90
**Page** ADFXGA2A

**STEERING - MANUAL STEERING BOX - GEMMER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC5909 | Rockershaft | 1 | LHS |
| | RTC5908 | Rockershaft | 1 | RHS |
| 2 | BAU4865 | Seal | 1 | Part of STC603 |
| 3 | AEU4013 | Cover plate | 1 | |
| 4 | AEU4014 | Screw | 8 | |
| 5 | AEU4015 | Washer | 8 | |
| 6 | AEU4016 | Nut | 1 | |
| 7 | AEU4017 | Filler Plug | 1 | |
| 8 | AEU4018 | Seal | 1 | |
| 9 | BAU4870 | Seal Wormshaft | 1 | Part of STC603 |
| 10 | AEU4019 | Dust Seal | 1 | Part of STC603 |
| 11 | AEU4020 | Wormshaft | 1 | LHS |
| | AEU4021 | Wormshaft | 1 | RHS |
| 12 | RTC6130 | Bearing | 1 | |
| 13 | RTC6129 | Bearing | 1 | |
| 14 | AEU4023 | Cover Plate | 1 | |
| 15 | BAU4871 | Shim | A/R | Part of STC603 |
| 16 | AEU4024 | Seal | 1 | |
| 17 | AEU4025 | Washer tab | 1 | |
| 18 | AEU4026 | Nut | 1 | Part of STC603 |
| 19 | STC1055 | Bearing needle | 2 | |
| | STC603 | Seal Kit | 1 | |

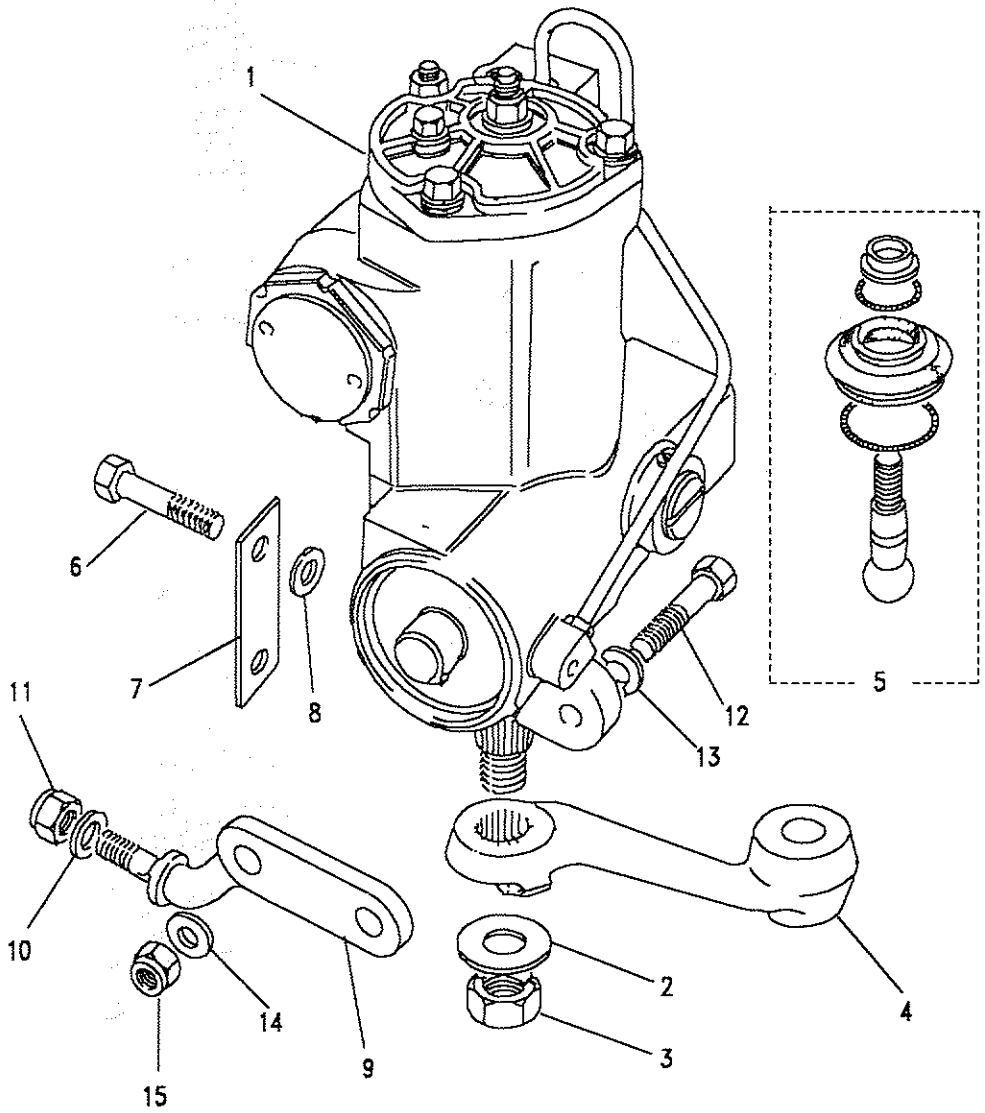



**Model** DEFENDER 90
**Page** ADFXGA3A

## STEERING - MANUAL STEERING BOX - ADWEST

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC8224 | Steering box-RHS | 1 | From VIN JA922155 |
| 1 | NTC8223 | Steering box-LHS | 1 | From VIN JA920707 |
| 2 | 600265 | Washer tab | 1 | |
| 3 | NH614041 | Nut | 1 | |
| 4 | STC1044 | Drop arm-RHS | 1 | |
| 4 | STC1045 | Drop arm-LHS | 1 | |
| 5 | RTC4198 | Kit ball joint | 1 | |
| 6 | BX112201 | Bolt | 4 | |
| 7 | WA112081L | Washer plain | 4 | |
| 8 | 572077 | Washer tab | 2 | |
| 9 | 594947 | Tie bar-RHS | 1 ) | |
| 9 | 594946 | Tie bar-LHS | 1 ) | Note(1) |
| | ANR2994 | Tie bar LHS & RHS | 2 | Note(2) |
| 10 | 4905 | Washer plain | 1 | |
| 11 | NY608041L | Nut | 1 | |
| 12 | BH607161L | Bolt | 2 | |
| 13 | 3261 | Washer plain | 2 | |
| 14 | 217245 | Washer plain | 2 | |
| 15 | NY607041L | Nut | 2 | |
| | STC892 | Kit repair steering box | 1 | |
| | STC897 | Kit filler plug | 1 | |

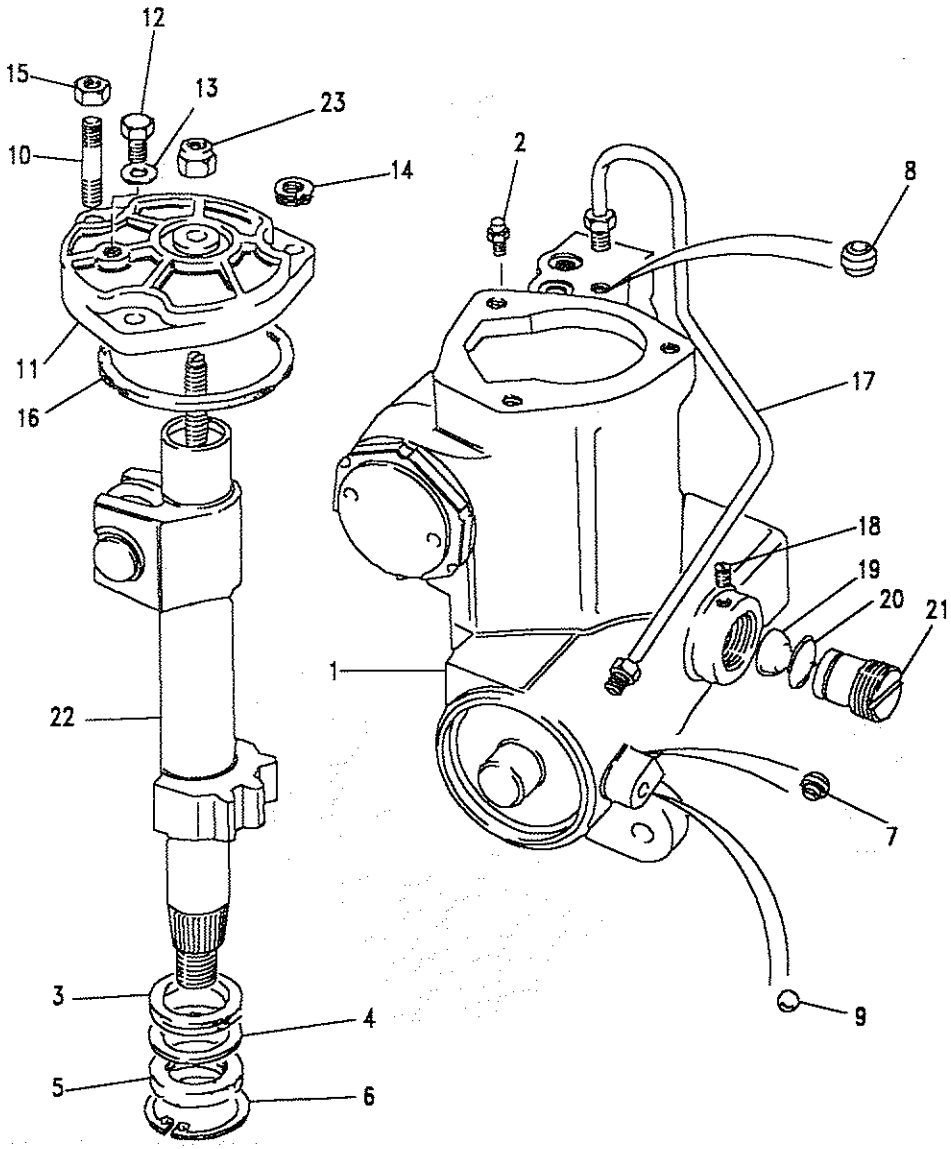
Note(1) Up to LA939975
Note(2) From MA939976




**Model** DEFENDER 90
**Page** ADFXGC1A

## STEERING - POWER STEERING BOX - ADWEST HEAVYWEIGHT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 244022** | | | | |
| 1 | STC1038 | Steering box RHS | 1 | |
| | STC8382E | Steering box RHS | 1 | Exchange |
| | STC1138 | Steering box LHS | 1 | |
| | STC8381E | Steering box LHS | 1 | Exchange |
| 2 | 600265 | Washer tab | 1 | |
| 3 | NH614041 | Nut | 1 | |
| 4 | STC1044 | Drop arm and ball joint | 1 | RHS |
| | STC1045 | Drop arm and ball joint | 1 | LHS |
| 5 | RTC4198 | Kit ball joint | 1 | |
| 6 | NRC7616 | Bolt | 4 | |
| 7 | 572077 | Washer tab | 2 | |
| 8 | WA600071L | Washer plain | 4 | |
| 9 | 594947 | Tie bar RHS | 1 | |
| | 594946 | Tie bar LHS | 1 | |
| 10 | 4905 | Washer plain | 1 | |
| 11 | NY608041L | Nut | 1 | |
| 12 | BH607161L | Bolt | 2 | |
| 13 | 3261L | Washer plain | 2 | |
| 14 | 217245 | Washer plain | 2 | |
| 15 | NY607041L | Nut | 2 | |

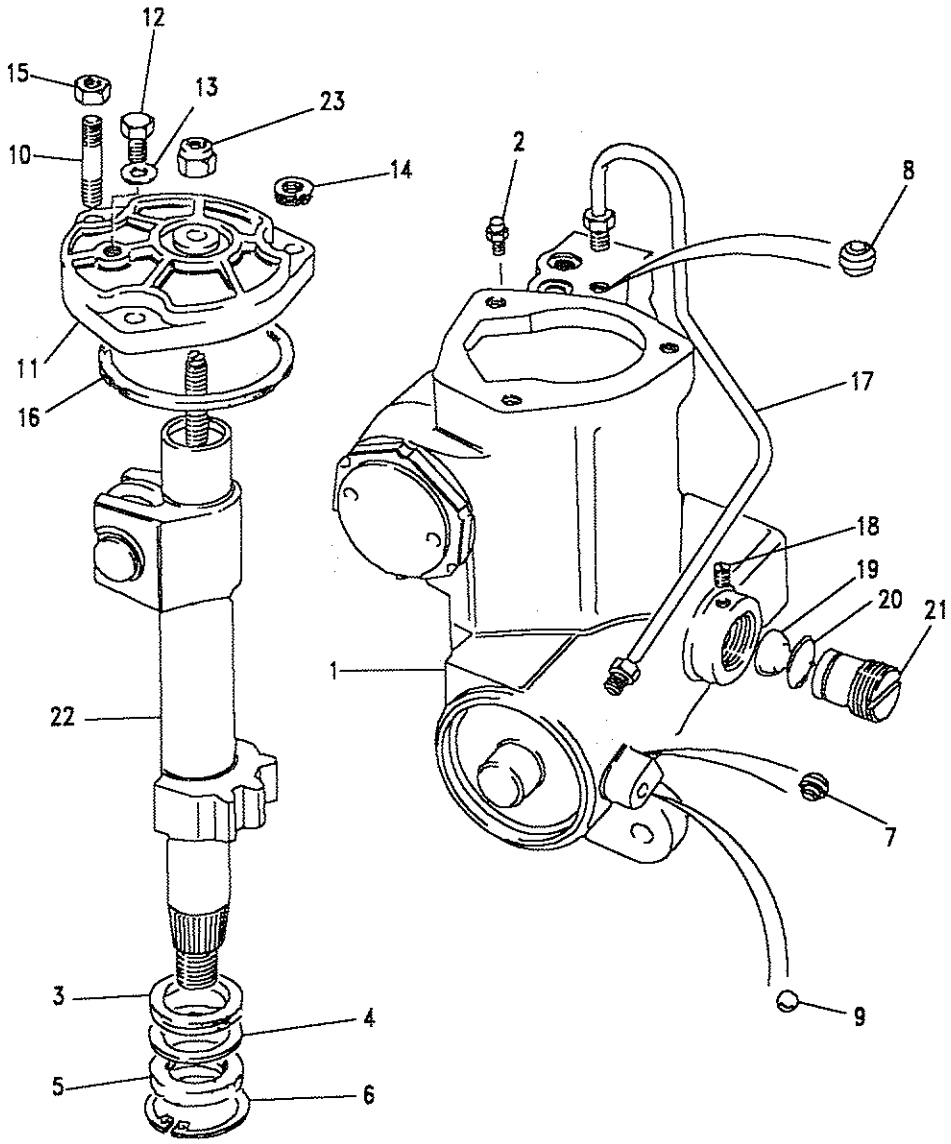



**Model** DEFENDER 90
**Page** ADFXGC2A

**STEERING - POWER STEERING BOX- ADWEST HEAVYWEIGHT.**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 244022** | | | | |
| 1 | AEU1358 | Housing-RHS | 1 | No longer available |
| | AEU1359 | Housing-LHS | 1 | No longer available |
| 2 | 606564 | Plug | 1 | No longer available |
| 3 | STC1042 | Seal | 1 | Note(1) (4) |
| 4 | | Washer | 1 | Note(1) (4) |
| 5 | | Seal | 1 | Note(1) (4) |
| 6 | | Circlip | 1 | Note(4) |
| 7 | 11987L | Seat | 3 | |
| 8 | 11988L | Seat | 1 | |
| 9 | BLS108L | Ball | 1 | |
| 10 | RTC297 | Stud | 3 | No longer available |
| | RTC6110 | Dust seal | 1 | Note(4) |
| 11 | RTC294 | Cover and Bush | 1 | |
| 12 | 11015L | Bleed screw | 1 | No longer available |
| 13 | 608069 | Seal | 1 | NLA Note(1) |
| 14 | RTC298 | Washer | 3 | |
| 15 | RTC299 | Nut | 3 | |

Note(1) Part of RTC308 kit
Note(2) Straight at Bottom, as Illustrated
Note(3) Right-Angled at Bottom
Note(4) Part of STC1042
Note(5) Part of STC1040

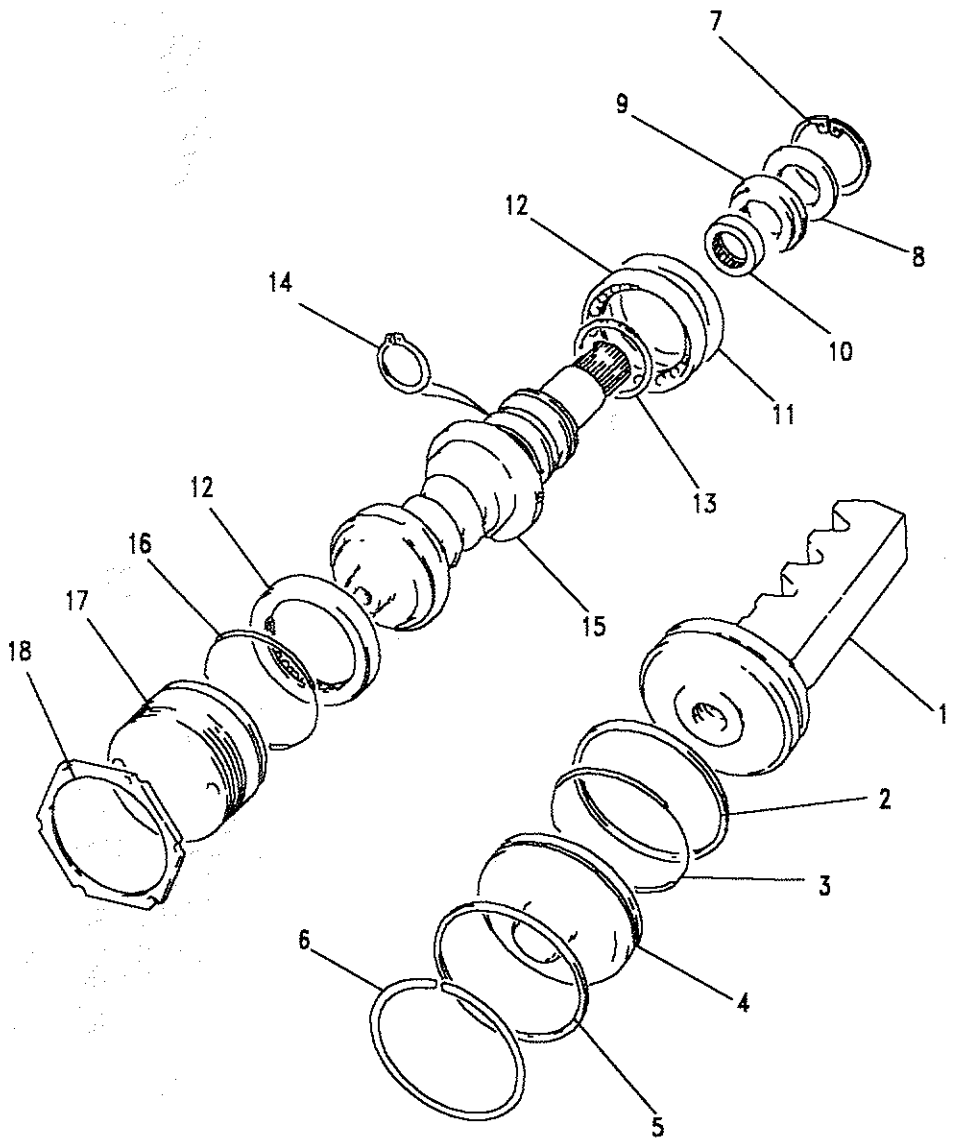



**Model** DEFENDER 90
**Page** ADFXGC2A

**STEERING - POWER STEERING BOX - ADWEST HEAVYWEIGHT**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 244022** | | | | |
| 16 | RTC295 | Seal | 1 | NLA Note(1) |
| 17 | AEU1029 | Pipe oil transfer-RHS | 1 | Note(2) |
| | RTC307 | Pipe oil transfer-LHS | 1 | Note(2) |
| | RTC6782 | Pipe oil transfer-RHS | 1 | Note(3) |
| | RTC6783 | Pipe oil transfer-LHS | 1 | Note(3) |
| 18 | 11011L | Screw | 1 | Note(5) |
| 19 | 606544 | Pad | 1 | NLA Note(5) |
| 20 | 608065 | Seal | 1 | Note(1) |
| 21 | 606545 | Screw adjusting | 1 | Note(5) |
| 22 | RTC300 | Sector shaft & nut-RHS | 1 | |
| | RTC301 | Sector shaft & nut-LHS | 1 | NLA |
| 23 | 90606566 | Nut | 1 | |
| | RTC308 | Seal kit-overhaul | 1 | |
| | STC1042 | Seal kit-output shaft | 1 | |
| | STC1040 | Seal kit-pad adjuster | 1 | |

Note(1) Part of RTC308
Note(2) Straight at Bottom, as Illustrated
Note(3) Right-Angled at Bottom
Note(4) Part of STC1042
Note(5) Part of STC1040

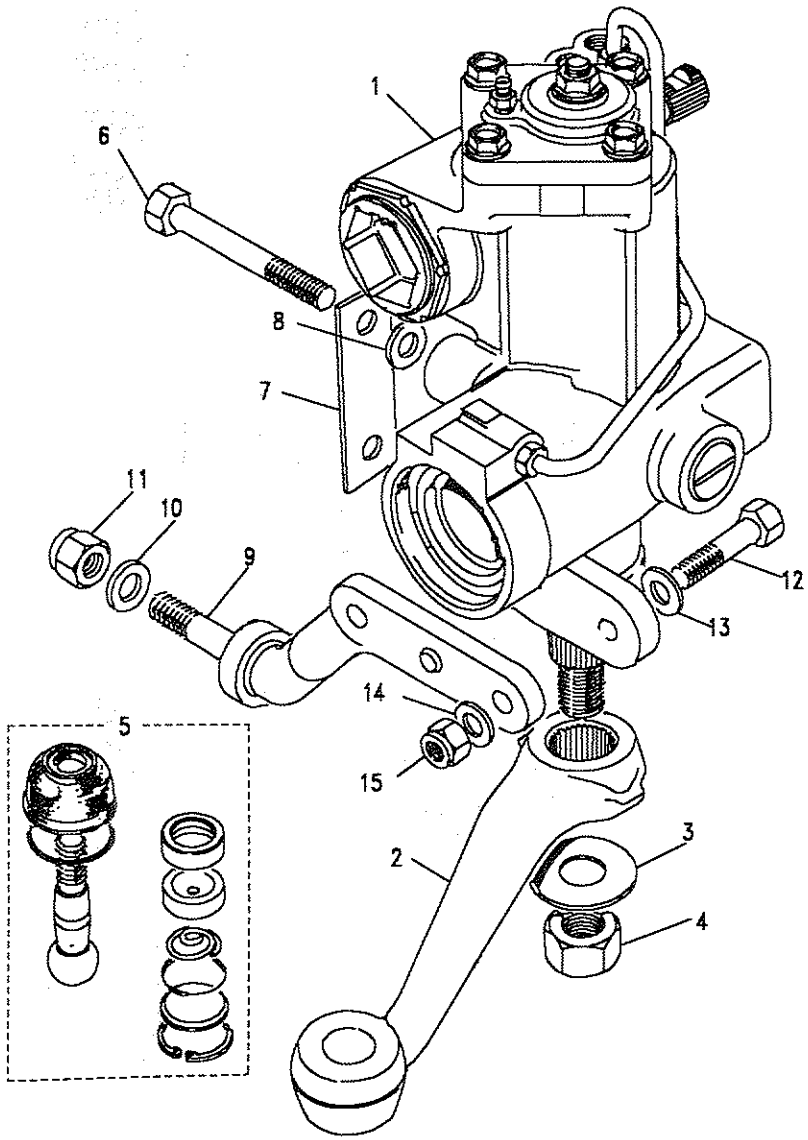



**Model** DEFENDER 90
**Page** ADFXGC3A

**STEERING - POWER STEERING BOX - ADWEST HEAVYWEIGHT**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 244022** | | | | |
| 1 | 606542 | Piston | 1 | No longer available |
| 2 | | Teflon Ring | 1 | Note(1) |
| 3 | | O Ring | 1 | Note(1) |
| 4 | 606543 | Cover | 1 | No longer available |
| 5 | | Seal | 1 | Note(1) |
| 6 | 11009L | Retaining Ring | 1 | |
| 7 | | Circlip | 1 | Note(2) |
| 8 | | Washer | 1 | Note(1)(2) |
| 9 | AEU1248 | Seal | 1 | NLA Note(1)(2) |
| 10 | 605061 | Bearing needle | 1 | |
| 11 | RTC2762 | Shim Set | 1 | |
| 12 | 606538 | Bearing Race | 2 | |
| 13 | 608000 | Teflon Ring | 4 | |
| 14 | 606567 | Circlip | 1 | |
| 15 | AEU1356 | Worm & Valve-RHS | 1 | |
| | AEU1357 | Worm & Valve-LHS | 1 | |
| 16 | 608073 | Seal | 1 | Note(1) |
| 17 | RTC306 | Screw | 1 | |
| 18 | 606553 | Lock Nut | 1 | |
| | RTC308 | Kit seal-overhaul | 1 | |
| | STC875 | Kit seal-input shaft | 1 | |

Note(1) Part of RTC308
Note(2) Part of STC1041

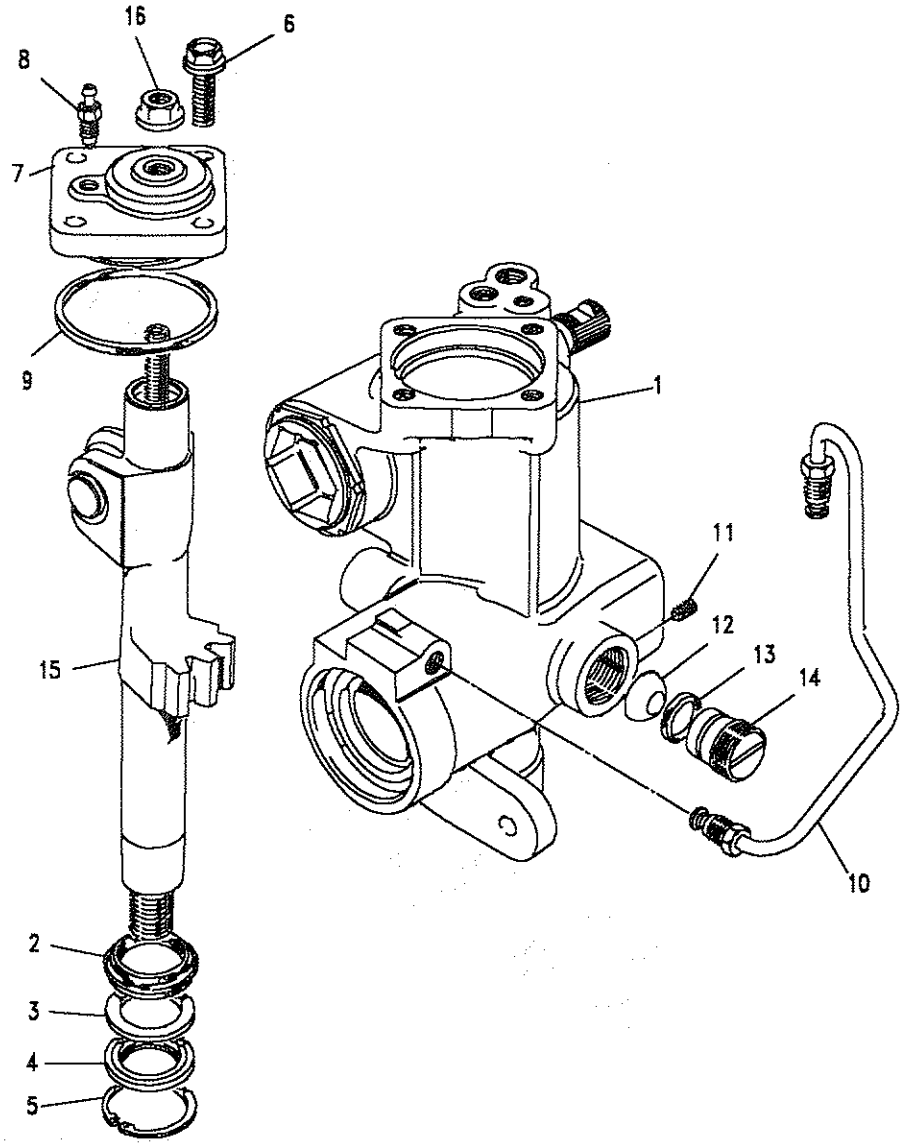



**Model** DEFENDER 90
**Page** ADFXGC4A

## STEERING - POWER STEERING BOX - ADWEST LIGHTWEIGHT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 290903 Onwards** | | | | |
| 1 | STC887 | Steering box-RHS | 1 | |
| | STC8384E | Steering box RHS | 1 | Exchange |
| 1 | STC888 | Steering box-LHS | 1 | |
| | STC8383E | Steering box LHS | 1 | Exchange |
| 2 | STC1044 | Drop arm and ball joint | 1 | RHS |
| 2 | STC1045 | Drop arm and ball joint | 1 | LHS |
| 3 | 600265 | Washer | 1 | |
| 4 | NT614041L | Nut | 1 | |
| 5 | RTC4198 | Kit ball joint | 1 | |
| 6 | BX112201 | Bolt | 4 | |
| 7 | 572077 | Washer tab | 2 | |
| 8 | WA112081L | Washer plain | 4 | |
| 9 | 594947 | Tie bar-RHS | 1 ) | |
| | 594946 | Tie bar-LHS | 1 ) | Note(1) |
| | ANR2994 | Tie bar LHS & RHS | 2 | Note(2) |
| 10 | 4905 | Washer plain | 1 | |
| 11 | 252164 | Nut | 1 | |
| 12 | BH607161L | Bolt | 2 | |
| 13 | 3261L | Washer plain | 2 | |
| 14 | 217245 | Washer plain | 2 | |
| 15 | NY607041L | Nut | 2 | |

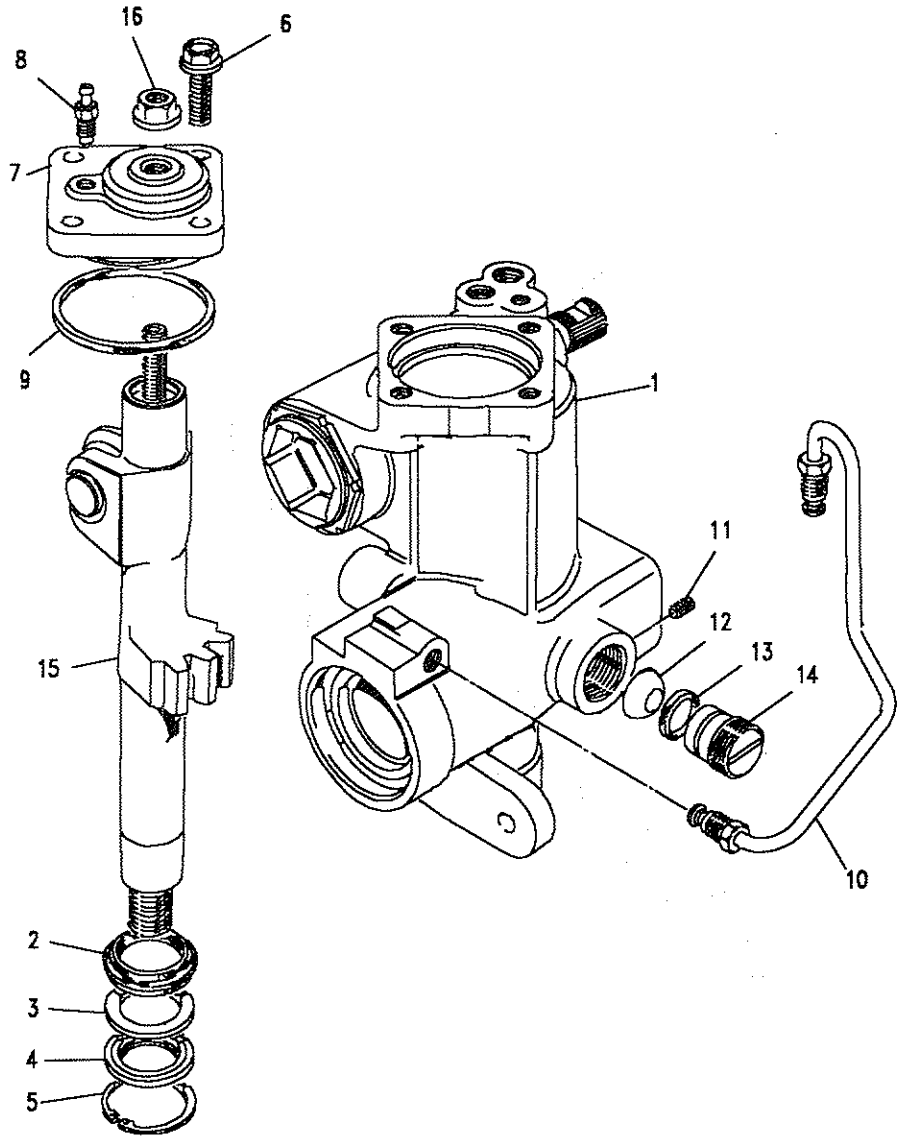
Note(1) Up to LA939975
Note(2) From MA939976
Note(3) From Vin 290903 upto VIN JA919038 - Gemmer or Adwest Lightweight may be fitted - Check before ordering




**Model** DEFENDER 90
**Page** ADFXGC5A

## STEERING - POWER STEERING BOX - ADWEST LIGHTWEIGHT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 244023 Upto 257176** | | | | |
| **From VIN 290903 onwards - See Note(1)** | | | | |
| 1 | RTC4391 | Housing-RHS | 1 | Note(2) No longer available |
| | RTC4392 | Housing-LHS | 1 | Note(2) No longer available |
| | STC416 | Housing-RHS | 1 | Note(3) |
| | STC417 | Housing-LHS | 1 | NLA Note(3) |
| 2 | 608066 | Seal | 1 | Note(4)(5) |
| 3 | | Washer | 1 | Note(4)(5) |
| 4 | | Seal | 1 | Note(4)(5) |
| 5 | | Circlip | 1 | Note(5) |
| | RTC6110 | Dust Seal | 1 | Note(5) |
| 6 | RTC4393 | Screw | 4 | |
| 7 | STC418 | Cover and Bearing | 1 | NLA |
| 8 | RTC4395 | Bleed Screw | 1 | |
| 9 | | Seal | 1 | Note(4) |
| 10 | RTC4400 | Pipe oil transfer-RHS | 1 | |
| | RTC4401 | Pipe oil transfer-LHS | 1 | |
| 11 | 11011 | Screw | 1 | Note(6) |
| 12 | 606544 | Pad | 1 | NLA Note(6) |
| 13 | 608065 | Seal | 1 | Note(4) |
| 14 | 606545 | Screw adjusting | 1 | Note(6) |

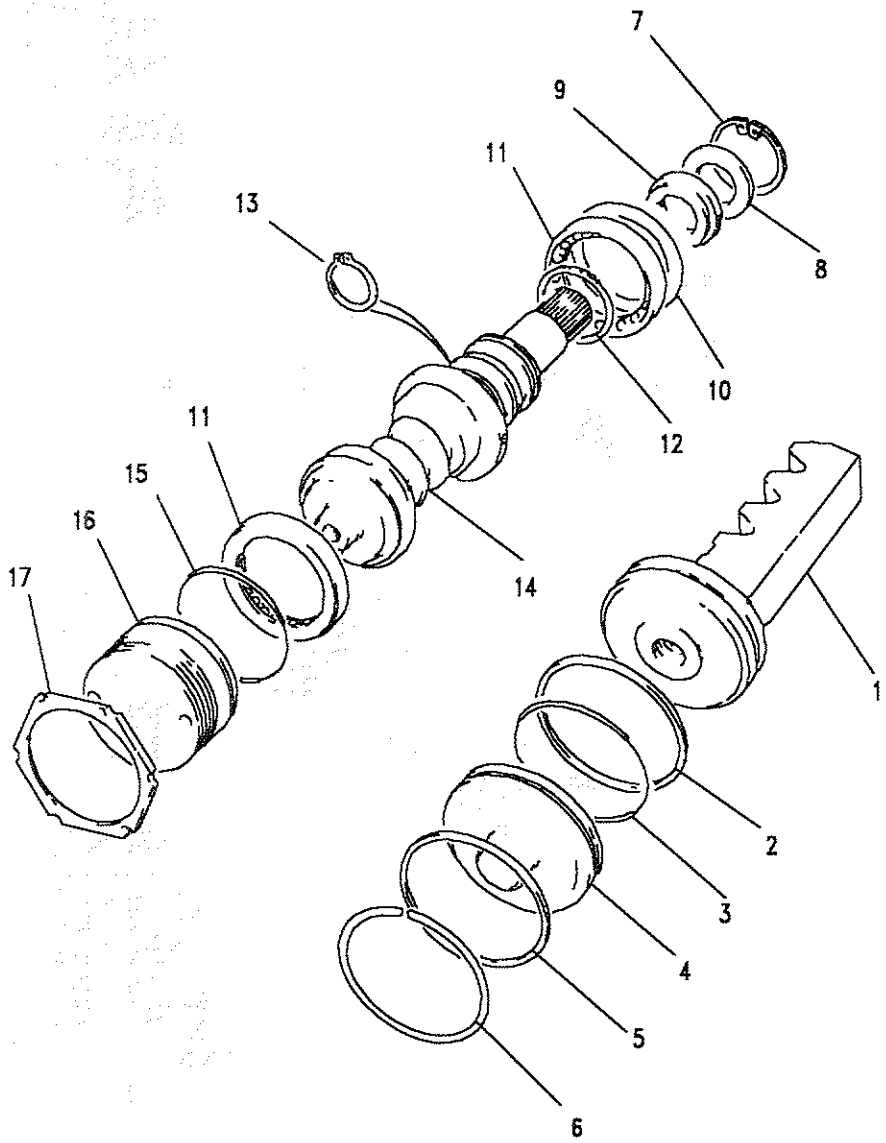



**Model** DEFENDER 90
**Page** ADFXGC5A

## STEERING - POWER STEERING BOX - ADWEST LIGHTWEIGHT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 15 | RTC4398 | Sector shaft & nut-RHS | 1 | |
| | RTC4399 | Sector shaft & nut-LHS | 1 | |
| 16 | RTC4394 | Nut | 1 | |
| | STC890 | Seal kit-overhaul | 1 | |
| | STC1042 | Seal kit-output shaft | 1 | |
| | STC1040 | Seal kit-pad adjuster | 1 | |

Note(1) From VIN 290903 upto VIN JA919038 - Gemmer or Adwest Lightweight may be fitted - Check before ordering
Note(2) For Steering Box NTC1580/1
Note(3) For Steering Box NTC8416/7
Note(4) Part of STC876
Note(5) Part of STC1042
Note(6) Part of STC1040

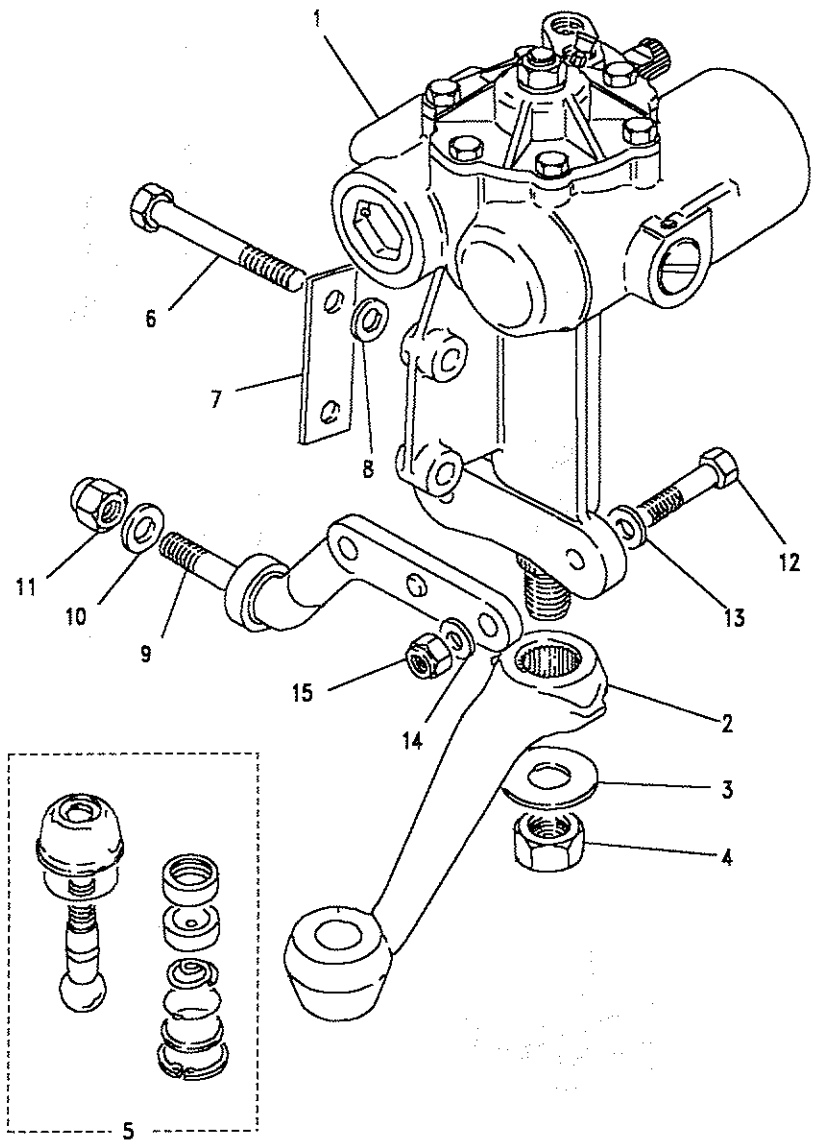



**Model** DEFENDER 90
**Page** ADFXGC6A

**STEERING - POWER STEERING BOX - ADWEST LIGHTWEIGHT**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 244023 Upto 257176** | | | | |
| **From VIN 290903 onwards - See Note(1)** | | | | |
| 1 | RTC4402 | Piston | 1 | |
| 2 | | Teflon Ring | 1 | Note(2) |
| 3 | | 'O' Ring | 1 | Note(2) |
| 4 | RTC4403 | Cover | 1 | NLA |
| 5 | | Seal | 1 | Note(2) |
| 6 | RTC4404 | Ring retaining | 1 | |
| 7 | | Circlip | 1 | Note(3) |
| 8 | | Washer | 1 | Note(2) (3) |
| 9 | AEU1248 | Seal | 1 | NLA Note(2)(3) |
| 10 | RTC4410 | Shim Set | 1 | |
| 11 | RTC4409 | Bearing Race | 2 | |
| 12 | 608000 | Teflon Ring | 3 | |
| 13 | 607567 | Circlip | 1 | |
| 14 | RTC4405 | Worm & Valve-RHS | 1 | |
| | RTC4406 | Worm & Valve-LHS | 1 | |
| 15 | | Seal | 1 | Note(2) |
| 16 | RTC4407 | Screw adjusting | 1 | |
| 17 | RTC4408 | Nut lock | 1 | |
| | STC890 | Seal kit-overhaul | 1 | |
| | STC875 | Seal kit-input shaft | 1 | |

Note(1) From VIN 290903 upto VIN JA919038 - Gemmer or Adwest Lightweight may be fitted - Check before ordering
Note(2) Part of STC876
Note(3) Part of STC1041

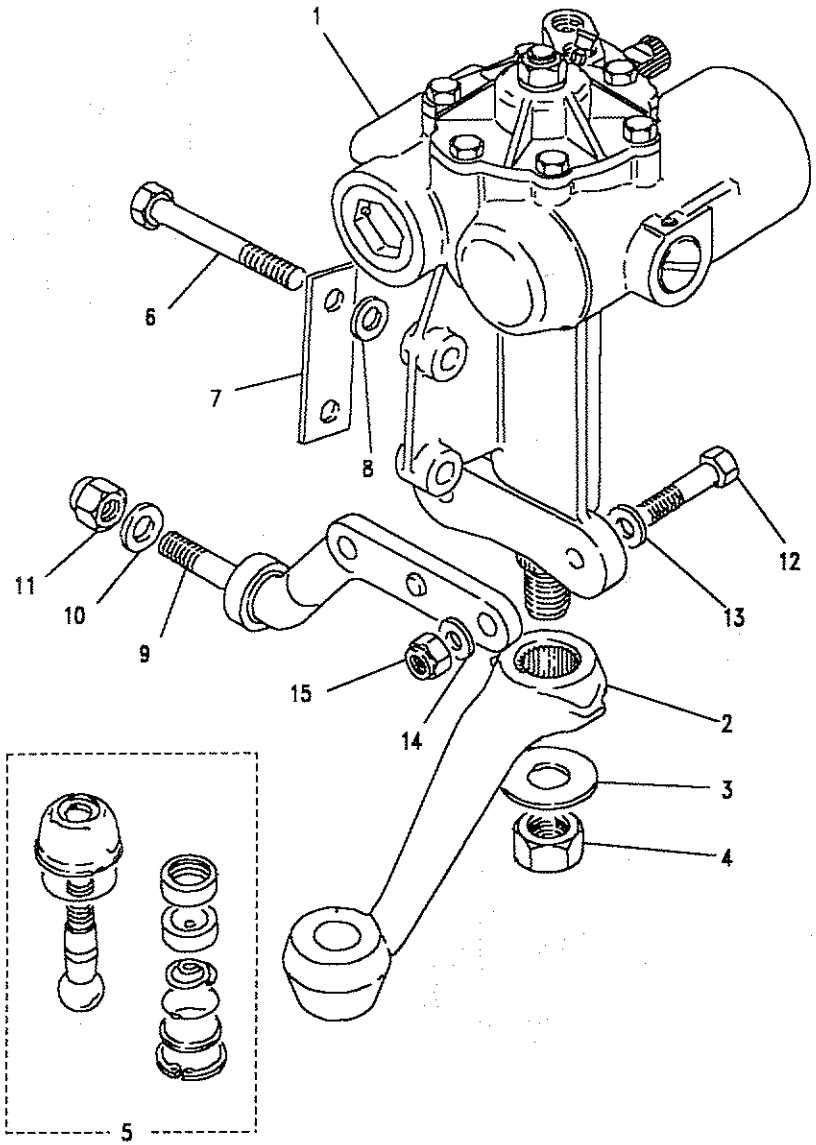



**Model** DEFENDER 90
**Page** ADFXGC7A

**STEERING - POWER STEERING BOX - GEMMER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 257177** | | | | |
| **From VIN JA919039 - See Adwest Lightweight** | | | | |
| 1 | NTC1582 | Steering box-RHS | 1 | |
| | NTC1582E | Steering box-RHS | 1 | Exchange |
| | NTC1583 | Steering box-LHS | 1 | |
| | NTC1583E | Steering box-LHS | 1 | Exchange |
| 2 | RTC6398 | Drop arm-RHS | 1 | |
| | RTC6399 | Drop arm-LHS | 1 | |
| 3 | AEU4025 | Washer | 1 | |
| 4 | AEU4026 | Nut | 1 | |
| 5 | RTC4198 | Kit ball joint | 1 | |
| 6 | BX112201 | Bolt | 4 | |
| 7 | 572077 | Washer tab | 2 | |
| 8 | WA112081L | Washer plain | 4 | |
| 9 | 594947 | Tie bar-RHS | 1 ) | |
| | 594946 | Tie bar-LHS | 1 ) | Note(1) |
| | ANR2994 | Tie bar LHS & RHS | 2 | Note(2) |

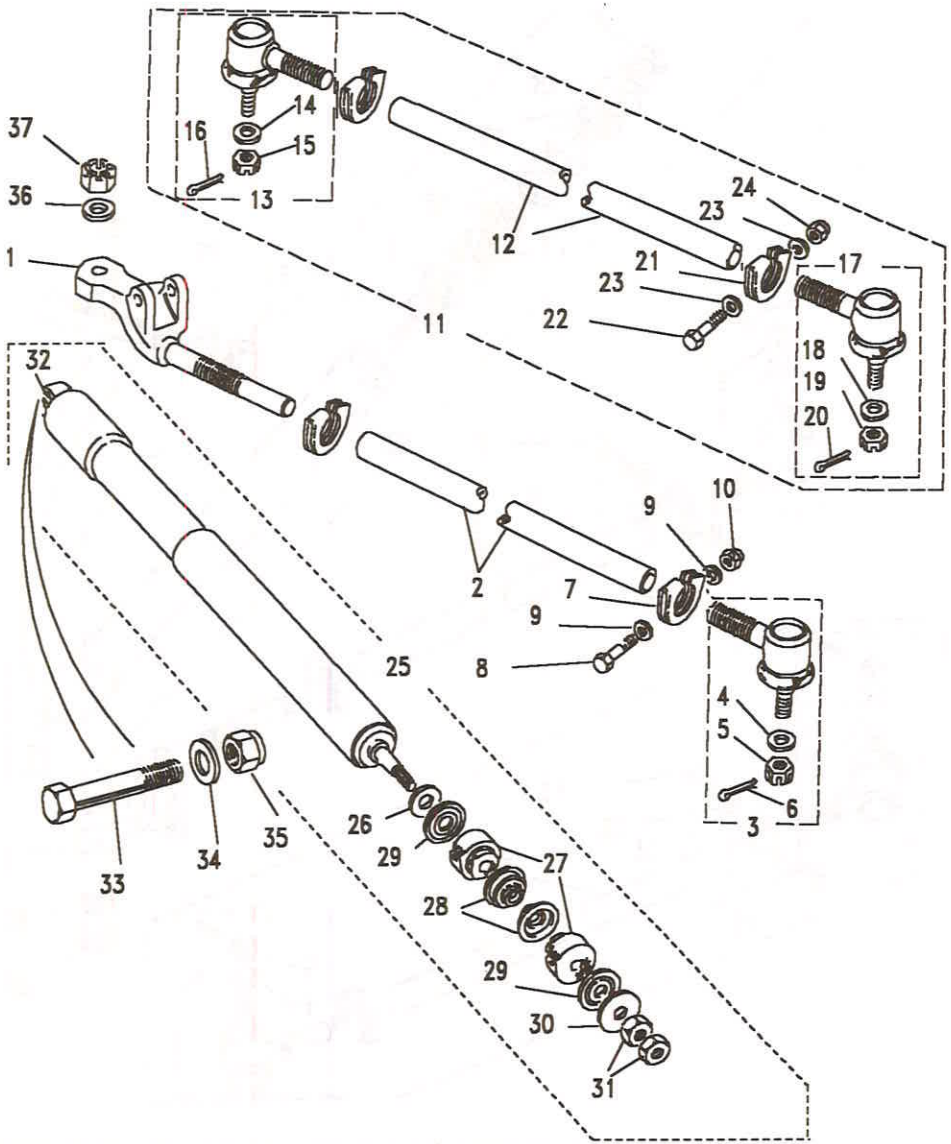
Note(1) Up to LA939975
Note(2) From MA939976
Note(3) From VIN 290903 - Gemmer or Adwest Lightweight may be fitted - Check before ordering




**Model** DEFENDER 90
**Page** ADFXGC7A

**STEERING - POWER STEERING BOX - GEMMER**

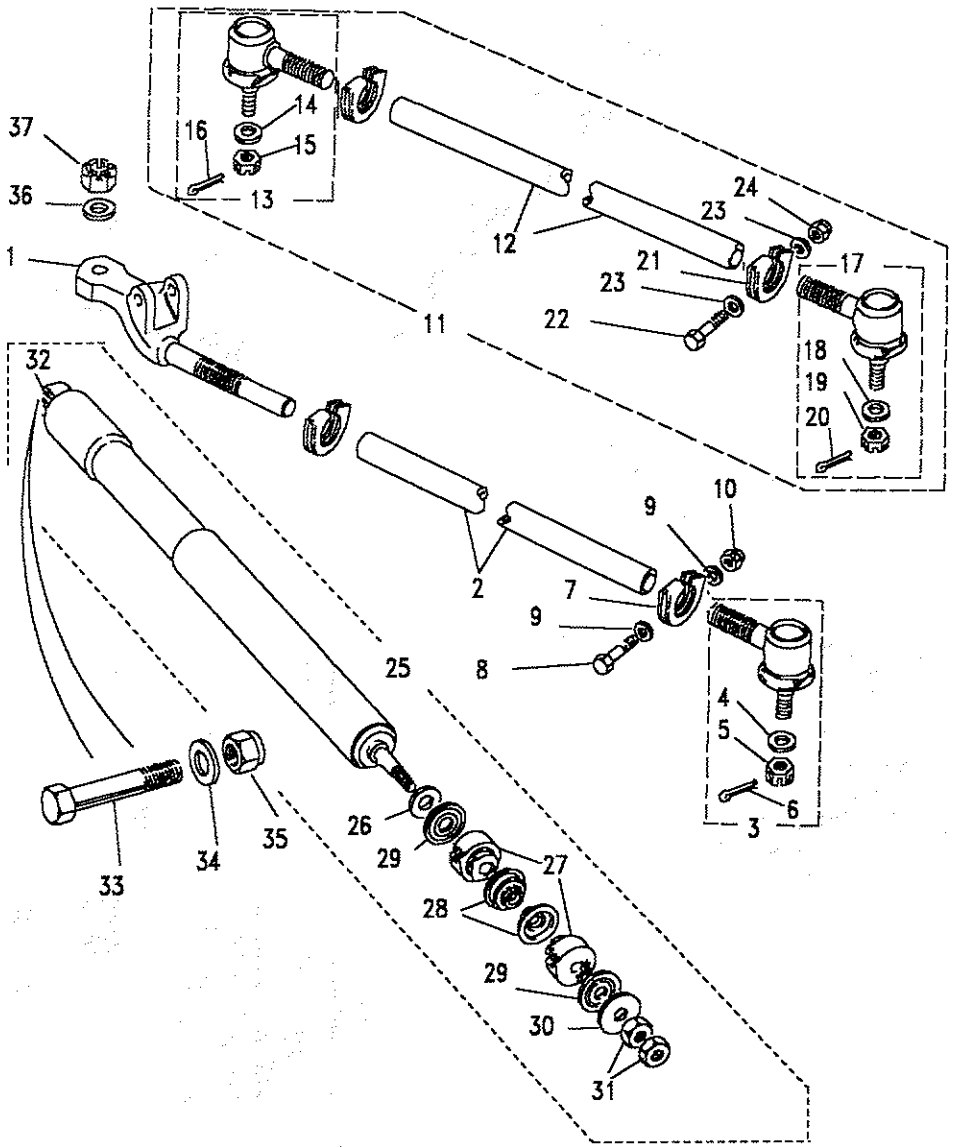
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 10 | 4905 | Washer plain | 1 | |
| 11 | 252164 | Nut | 1 | |
| 12 | BH607161L | Bolt | 2 | |
| 13 | 3261 | Washer plain | 2 | |
| 14 | 217245 | Washer plain | 2 | |
| 15 | NY607041L | Nut | 2 | |
| | RTC5068 | Valve assembly-LHS | 1 | No longer available |
| | RTC5069 | Output shaft-LHS | 1 | No longer available |
| | RTC5070 | Output shaft-RHS | 1 | |
| | RTC5071 | Seal Kit | 1 | |
| | RTC5072 | Piston rack kit | 1 | No longer available |
| | RTC5073 | Cover Assembly | 1 | No longer available |
| | RTC5074 | Kit bearing | 1 | NLA |




**Model** DEFENDER 90
**Page** ADFXKA1A

**STEERING - STEERING TRACK RODS**

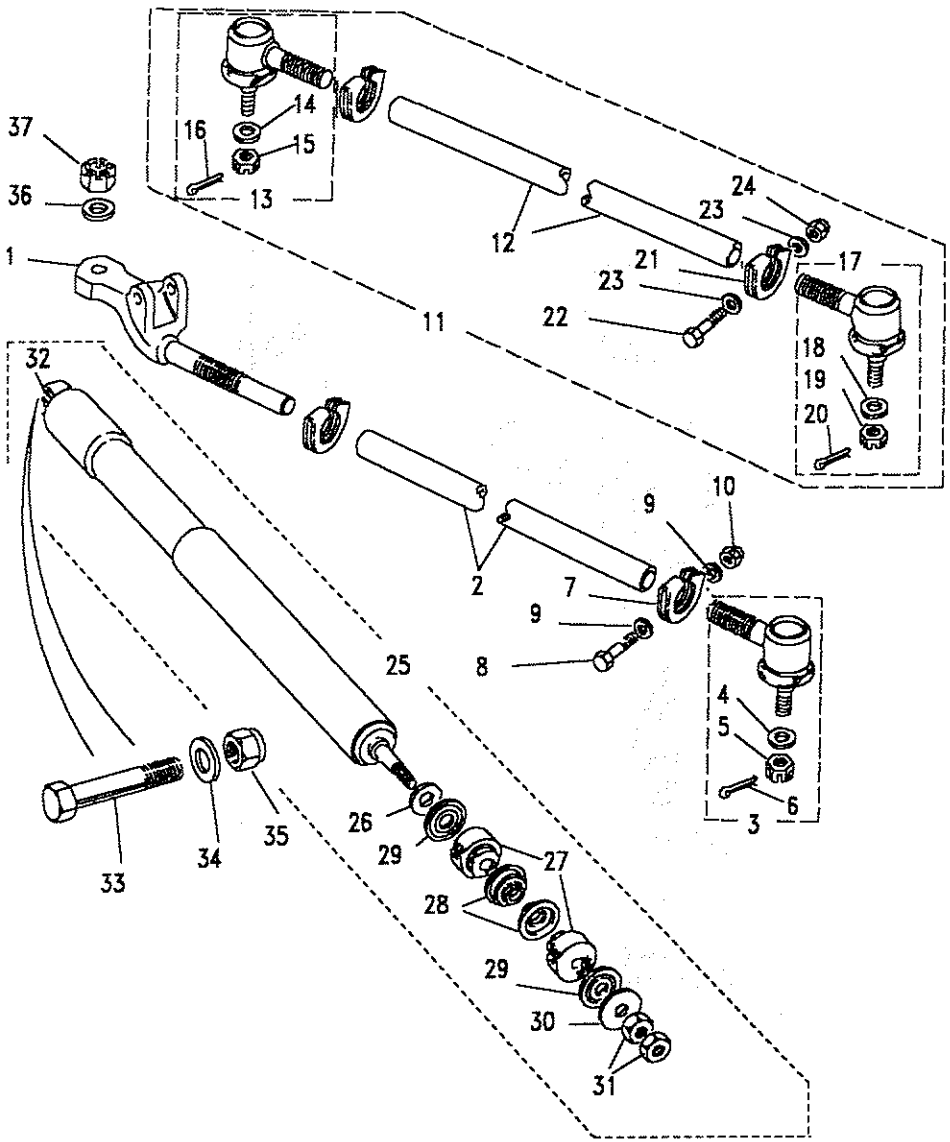
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC8231 | Crossrod eye end-RHS | 1 | Upto LA939975 |
| | ANR2858 | Crossrod eye end-RHS | 1 | From MA939976 |
| | NRC8232 | Crossrod eye end-LHS | 1 | Upto LA939975 |
| | ANR2859 | Crossrod eye end-LHS | 1 | From MA939976 |
| 2 | NRC5582 | Tube crossrod | 1 | Upto KA917433 |
| | NRC9741 | Tube crossrod | 1 | From KA917434 Upto LA939975 |
| | ANR2860 | Tube crossrod | 1 | From MA939976 |
| 3 | RTC5869 | Ball joint assembly | 1 | |
| 4 | WC112081L | Washer plain | 2 | |
| 5 | NC112041 | Nut | 2 | |
| 6 | PS105321L | Pin split | 1 | |
| 7 | 577898 | Clamp | 2 | |
| 8 | BH604151L | Bolt — 1/4 UNF x 1 7/8 | 2 | |
| 9 | WA106041L | Washer plain | 4 | |
| 10 | NY604041L | Nut | 2 | |
| 11 | NRC9743 | Track rod assembly | 1 | |
| 12 | NRC9742 | Tube track rod | 1 | |




**Model** DEFENDER 90
**Page** ADFXKA1A

## STEERING - STEERING TRACK RODS

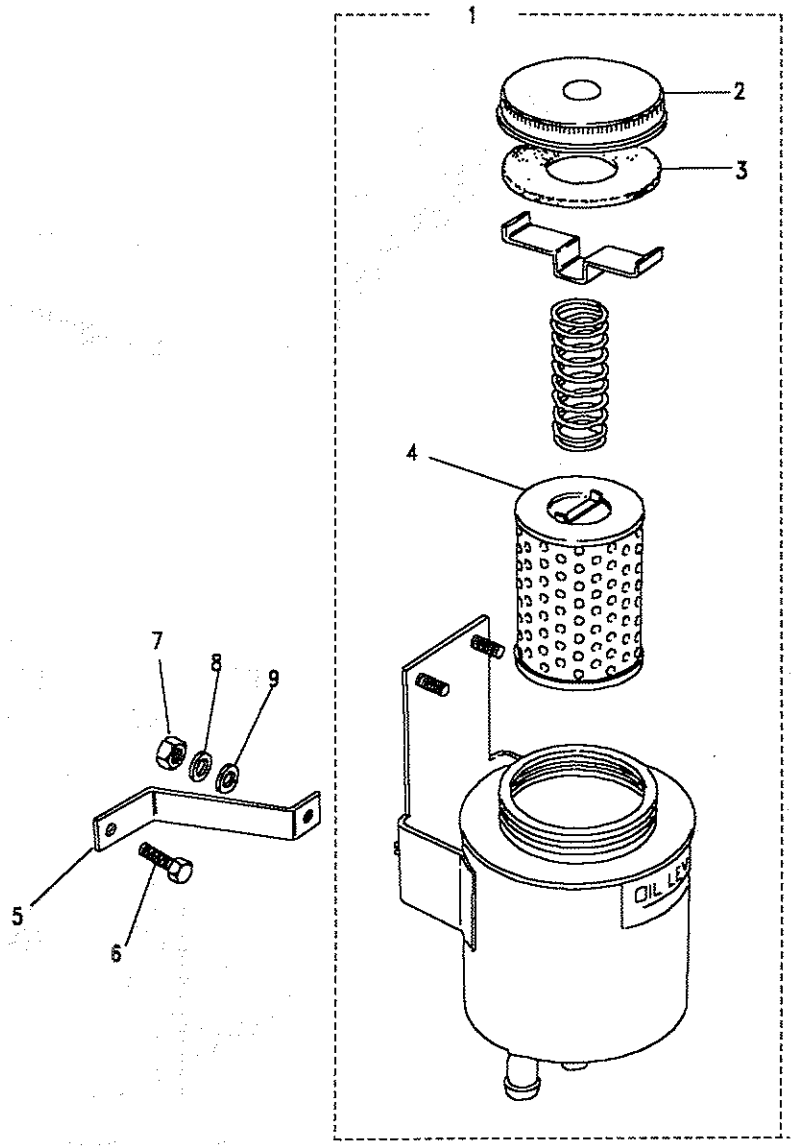
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | RTC5869 | Ball joint assembly RH | 1 | |
| 14 | WC112081L | Washer plain | 1 | |
| 15 | NC112041 | Nut | 1 | |
| 16 | PS105321L | Pin split | 1 | |
| 17 | RTC5870 | Ball joint assembly LH | 1 | |
| 18 | WC112081L | Washer plain | 1 | |
| 19 | NC112041 | Nut | 1 | |
| 20 | PS105321L | Pin split | 1 | |
| 21 | 577898 | Clamp | 2 | |
| 22 | BH604151L | Bolt | 2 | |
| 23 | WA106041L | Washer plain | 4 | |
| 24 | NY604041L | Nut | 2 | |




**Model** DEFENDER 90
**Page** ADFXKA1A

## STEERING - STEERING TRACK RODS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 25 | RTC4472 | Damper steering assembly | 1 | |
| 26 | 595199 | Washer plain | 1 | |
| 27 | 568858 | Bush rubber | 2 | |
| 28 | 543819 | Washer intermediate | 2 | |
| 29 | 90575597 | Washer stem | 2 | |
| 30 | WJ110001L | Washer plain | 1 | |
| 31 | AFU4214 | Nut thin | 2 | |
| 32 | NTC1775 | Bush rubber | 1 | |
| 33 | BH110121L | Bolt | 1 | |
| 34 | WA110061L | Washer plain | 1 | |
| 35 | NY110041L | Nut | 1 | |
| **Steering drop arm to crossrod** | | | | |
| 36 | WC112081L | Washer plain | 1 | |
| 37 | NC112041 | Nut | 1 | |

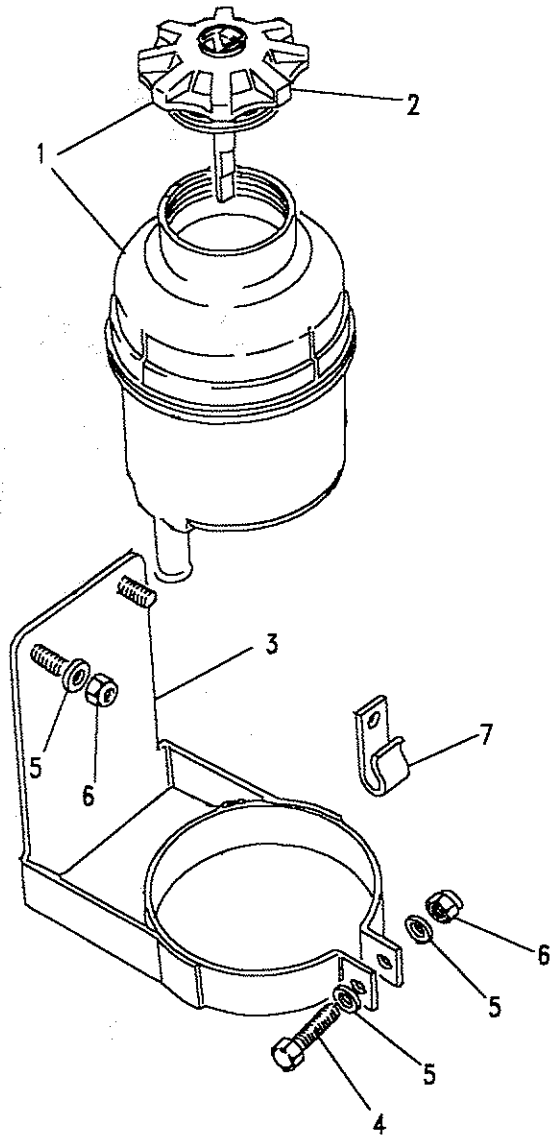



**Model** DEFENDER 90
**Page** ADFXPA1A

## STEERING - POWER STEERING RESERVOIR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 270226** | | | | |
| 1 | NRC9551 | Reservoir | 1 | Note(1) |
| | NRC9552 | Reservoir | 1 | Note(2)(3) |
| 2 | RTC3056 | Cap reservoir | 1 | |
| 3 | RTC3962 | Seal | 1 | |
| 4 | RTC3058 | Filter | 1 | |
| 5 | NRC5982 | Bracket | 1 | |
| 6 | SH106167 | Screw | 1 | |
| 7 | NH106047 | Nut | 4 | |
| 8 | WA106047L | Washer plain | 4 | |
| 9 | WL106007L | Washer spring | 4 | |

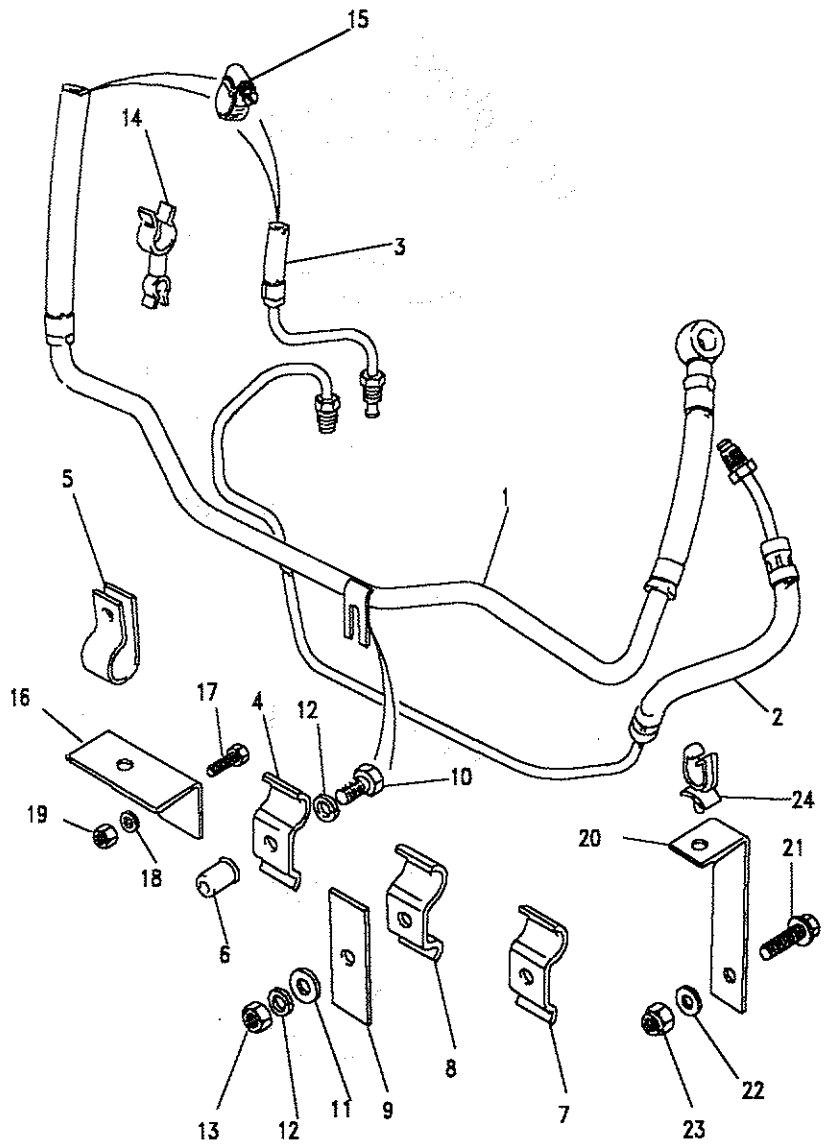
Note(1) Upto VIN 244022 - Except Air Con
Note(2) Air Con. Also Non Air Con from VIN 244023
Note(3) No longer available-use NTC1791 and NTC2749- see page 555




**Model** DEFENDER 90
**Page** ADFXPA2A

**STEERING - POWER STEERING RESERVOIR**

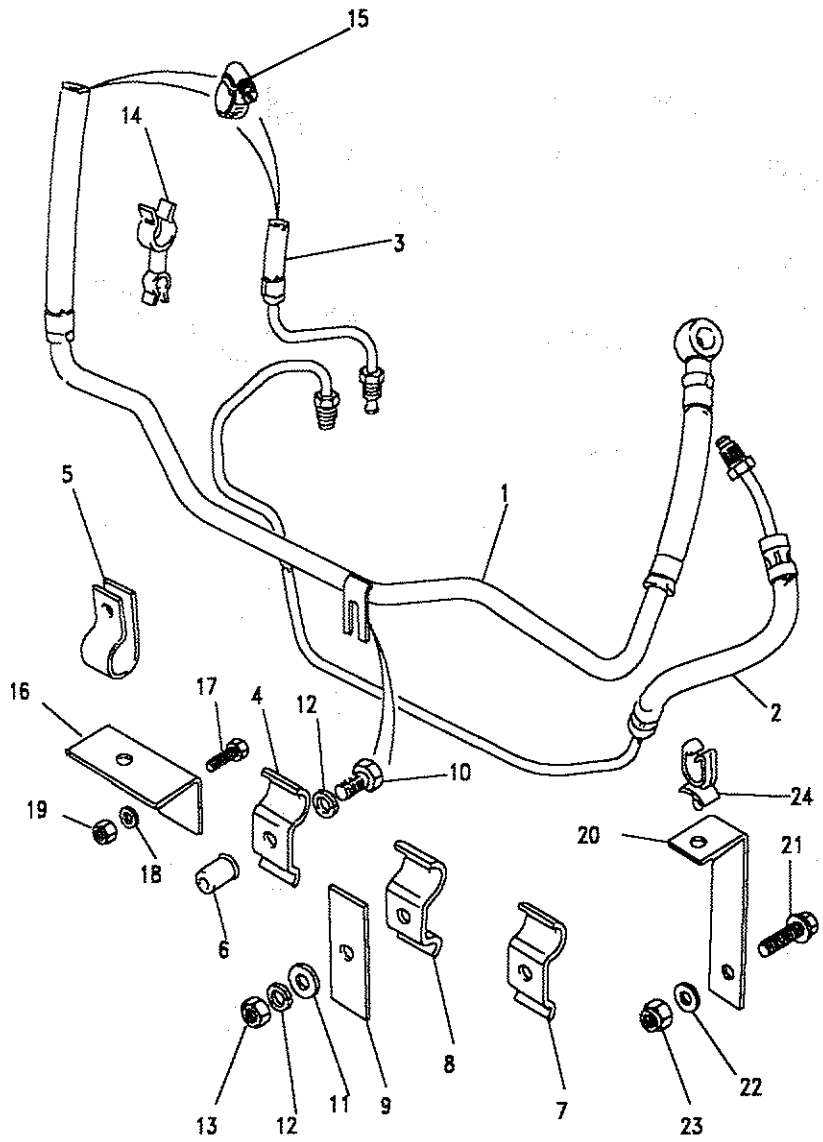
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 270227** | | | | |
| 1 | ANR1998 | Reservoir assembly | 1 | |
| 2 | NTC2723 | Cap reservoir | 1 | |
| 3 | ANR3327 | Carrier bracket | 1 | |
| 4 | SH106251L | Screw | 1 | |
| 5 | WA106041L | Washer plain | 4 | |
| 6 | NY106041 | Nut | 3 | |
| 7 | NRC2383 | Clip retaining | 1 | |




**Model** DEFENDER 90
**Page** ADFXRA1A

## STEERING - POWER STEERING PIPES - UPTO VIN JA918809

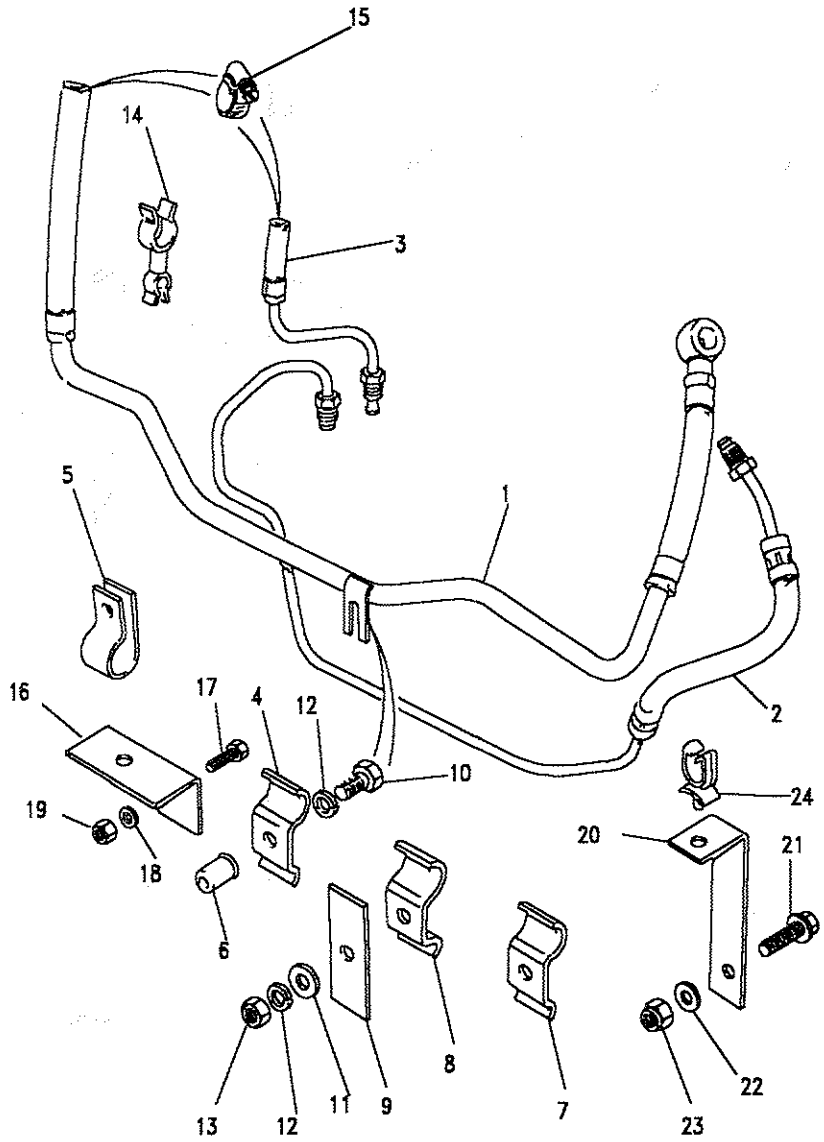
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder Petrol and Nat Asp Diesel** | | | | |
| 1 | NRC8286 | Pipe-reservoir to pump | 1 | Upto VIN 244022 |
| 1 | NTC1691 | Pipe-reservoir to pump | 1 | From VIN 244023 Upto VIN FA388915 |
| 1 | NTC6863 | Pipe-reservoir to pump | 1 | From VIN FA388916 |
| **Diesel Turbo** | | | | |
| 1 | NTC3066 | Pipe-reservoir to pump | 1 | Upto VIN FA388915 |
| 1 | NTC6863 | Pipe-reservoir to pump | 1 | From VIN FA388916 Upto VIN HA455645 |
| **200Tdi** | | | | |
| 1 | NTC8192 | Pipe-reservoir to pump | 1 | From VIN HA455945 |
| **V8** | | | | |
| 1 | NRC5975 | Pipe-reservoir to pump | 1 | Upto VIN 244022 |
| | NTC1685 | Pipe-reservoir to pump | 1 | From VIN 244023 Upto VIN 262024 |
| | NTC2595 | Pipe-reservoir to pump | 1 | From VIN 262025 |




**Model** DEFENDER 90
**Page** ADFXRA1A

**STEERING - POWER STEERING PIPES - UPTO VIN JA918809**

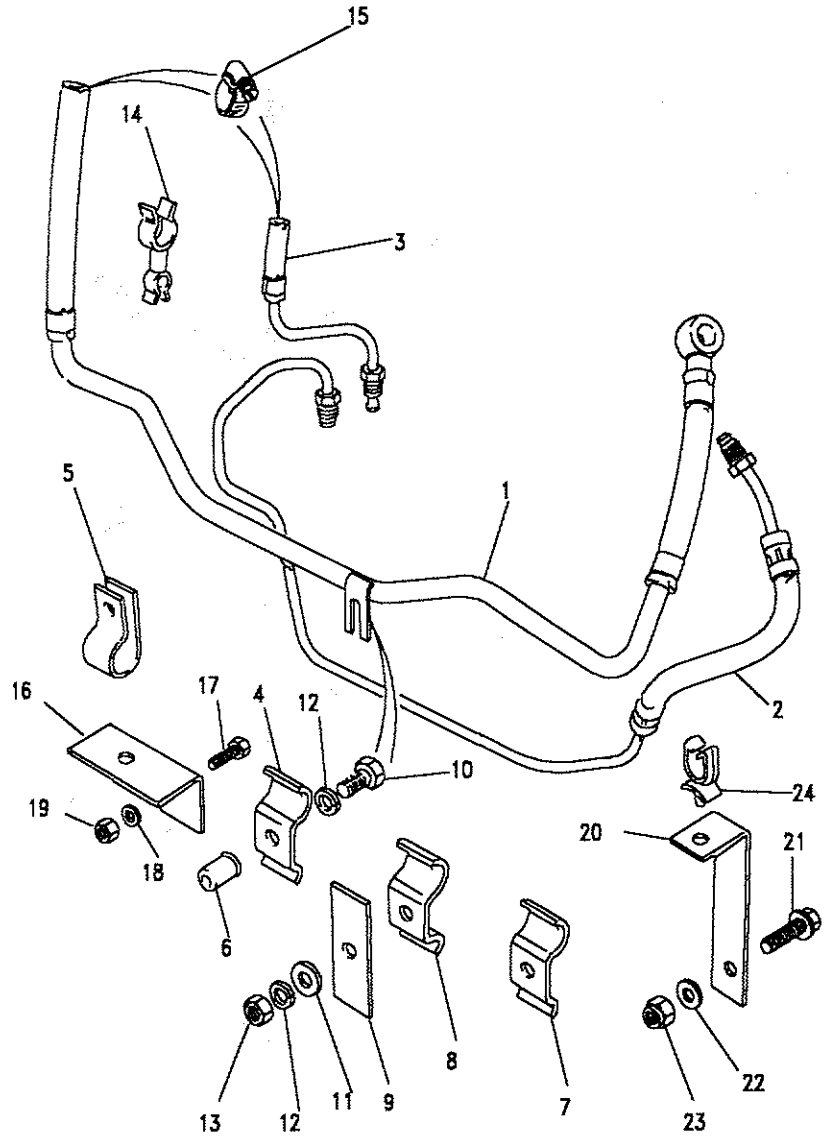
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cyl Petrol and Nat Asp Diesel - Right Hand Steering** | | | | |
| 2 | NRC8290 | Pipe-pump to strg box | 1 | Upto VIN 244022 |
| | NTC5001 | Pipe-pump to strg box | 1 | From VIN 244023 Upto VIN FA389464 |
| | NTC6731 | Pipe-pump to strg box | 1 | From VIN FA389465 |
| **Diesel Turbo - Right Hand Steering** | | | | |
| 2 | NTC5001 | Pipe-pump to strg box | 1 | Upto VIN FA389464 |
| 2 | NTC6731 | Pipe-pump to strg box | 1 | From VIN FA389465 |
| **200Tdi - Right Hand Steering** | | | | |
| 2 | NTC8193 | Pipe-pump to strg box | 1 | |
| **V8 - Right Hand Steering** | | | | |
| 2 | NRC7988 | Pipe-pump to strg box | 1 | Upto VIN 244022 |
| | NTC1687 | Pipe-pump to strg box | 1 | From VIN 244023 Upto VIN 262024 |
| | NTC2597 | Pipe-pump to strg box | 1 | From VIN 262025 |
| | RTC4826 | O-ring | 1 | |




**Model** DEFENDER 90
**Page** ADFXRA1A

## STEERING - POWER STEERING PIPES - UPTO VIN JA918809

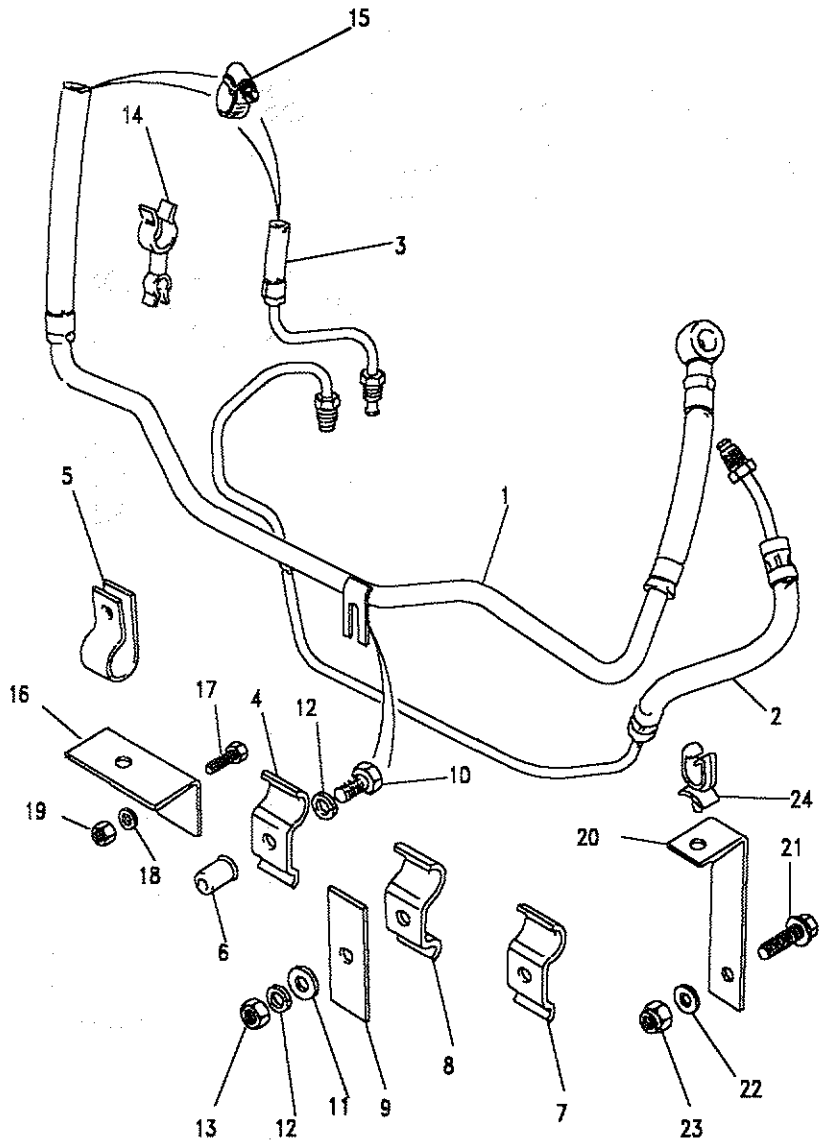
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cyl Petrol and Nat Asp Diesel - Left Hand Steering** | | | | |
| 2 | NRC8291 | Pipe-pump to strg box | 1 | Upto VIN 244022 |
| | NTC5000 | Pipe-pump to strg box | 1 | From VIN 244023 Upto VIN FA389107 |
| | NTC6730 | Pipe-pump to strg box | 1 | From VIN FA389108 |
| **Turbo Diesel - Left Hand Steering** | | | | |
| 2 | NTC5000 | Pipe-pump to strg box | 1 | Upto VIN FA389107 |
| 2 | NTC6730 | Pipe-pump to strg box | 1 | From VIN FA389108 |
| **200Tdi - Left Hand Steering** | | | | |
| 2 | NTC8191 | Pipe-pump to strg box | 1 | |
| **V8 - Left Hand Steering** | | | | |
| 2 | NRC8291 | Pipe-pump to strg box | 1 | Upto VIN 244022 |
| | NTC1686 | Pipe-pump to strg box | 1 | From VIN 244023 Upto VIN 262024 |
| | NTC6790 | Pipe-pump to strg box | 1 | From VIN 262025 |
| | RTC4826 | O-ring | 1 | From VIN 244023 |




**Model** DEFENDER 90
**Page** ADFXRA1A

**STEERING - POWER STEERING PIPES - UPTO VIN JA918809**

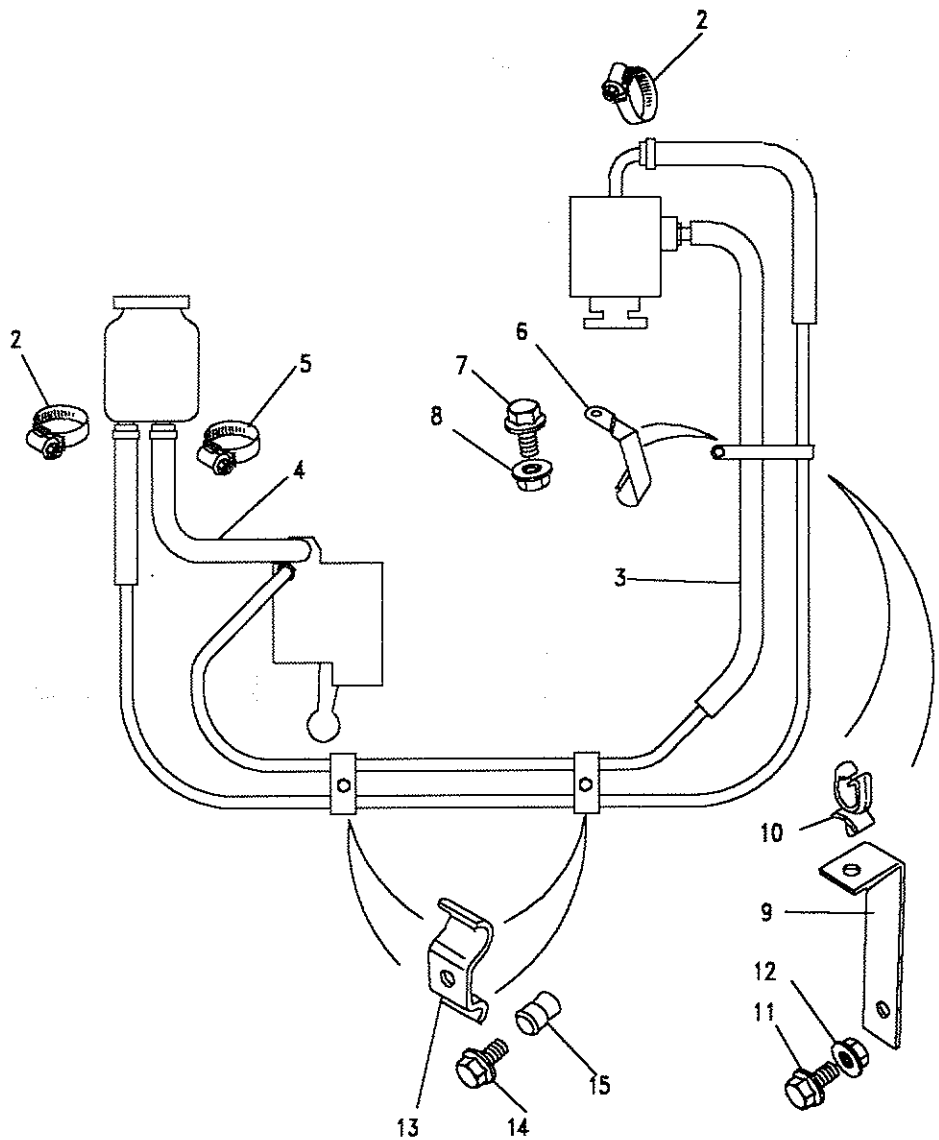
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Right Hand Steering** | | | | |
| 3 | NRC7987 | Pipe-strg box to reserv | 1 | 4 cyl Upto HA703885 |
| | NRC5976 | Pipe-strg box to reserv | 1 | V8 Upto HA703885 |
| | NTC8861 | Pipe-strg box to reserv | 1 | From HA703886 |
| | RTC4825 | O-ring | 1 | From HA703886 |
| **Left Hand Steering** | | | | |
| 3 | NRC8287 | Pipe-strg box to reserv | 1 | 4 cyl Upto VIN 244022 |
| | NRC5977 | Pipe-strg box to reserv | 1 | V8 Upto VIN 244022 |
| | NTC1863 | Pipe-strg box to reserv | 1 | From VIN 244023 |
| | RTC4825 | O-ring | 1 | From VIN 244023 |




**Model** DEFENDER 90
**Page** ADFXRA1A

## STEERING - POWER STEERING PIPES - UPTO VIN JA918809

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 4 | NRC6302 | Pipe clip air cleaner RHS | 1 | 4 cyl petrol |
| 5 | NRC8408 | Pipe clip air cleaner LHS | 1 | 4 cyl petrol |
| | NRC9492 | Clip support | 1 | Diesel |
| | NTC3791 | Clip support | 1 | Diesel Turbo |
| 6 | NN106011 | Nutsert | 2 | |
| 7 | NRC6302 | Pipe clip c/member RHS | 2 | |
| | NRC8404 | Clip | 2 | |
| 8 | NRC8404 | Clip | 1 | Upto VIN HA465395 |
| | NRC6302 | Pipe clip RHS | 1 | From VIN HA465396 |
| | NRC8404 | Clip | 1 | From VIN HA465396 |
| 9 | NRC8405 | Plate | 1 | |
| 10 | SH106121L | Screw clip to c/member | 3 | 4 cyl RHS |
| | SH106161L | Screw clip to c/member | 2 | V8 RHS |
| | SH106121L | Screw clip to c/member | 4 | 4 cyl LHS |
| | SH106161L | Screw clip to c/member | 3 | V8 LHS |
| 11 | WA106041L | Washer plain | A/R | |
| 12 | WL106001L | Washer spring | A/R | |
| 13 | NH106041L | Nut | A/R | |
| 14 | ADU9081L | Clip swivel | 1 | |
| 15 | CN100258L | Clamp hose | 2 | |
| | CN100208L | Clamp hose | 1 | |
| 16 | NTC7224 | Bracket support 4 cyl | 1 | ) |
| 17 | SH104081L | Screw | 2 | )From VIN |
| 18 | WA104001L | Washer plain | 2 | )FA389460 |
| 19 | NH104041L | Nut | 2 | ) |
| 20 | NTC8263 | Bracket | 1 ) | |
| 21 | FS106201L | Screw | 1 ) | |
| 22 | WA106041L | Washer plain | 1 ) | |
| 23 | NY106041L | Nut nyloc | 1 ) | |
| 24 | ADU8363L | Clip | 1 ) | 200Tdi LHS |

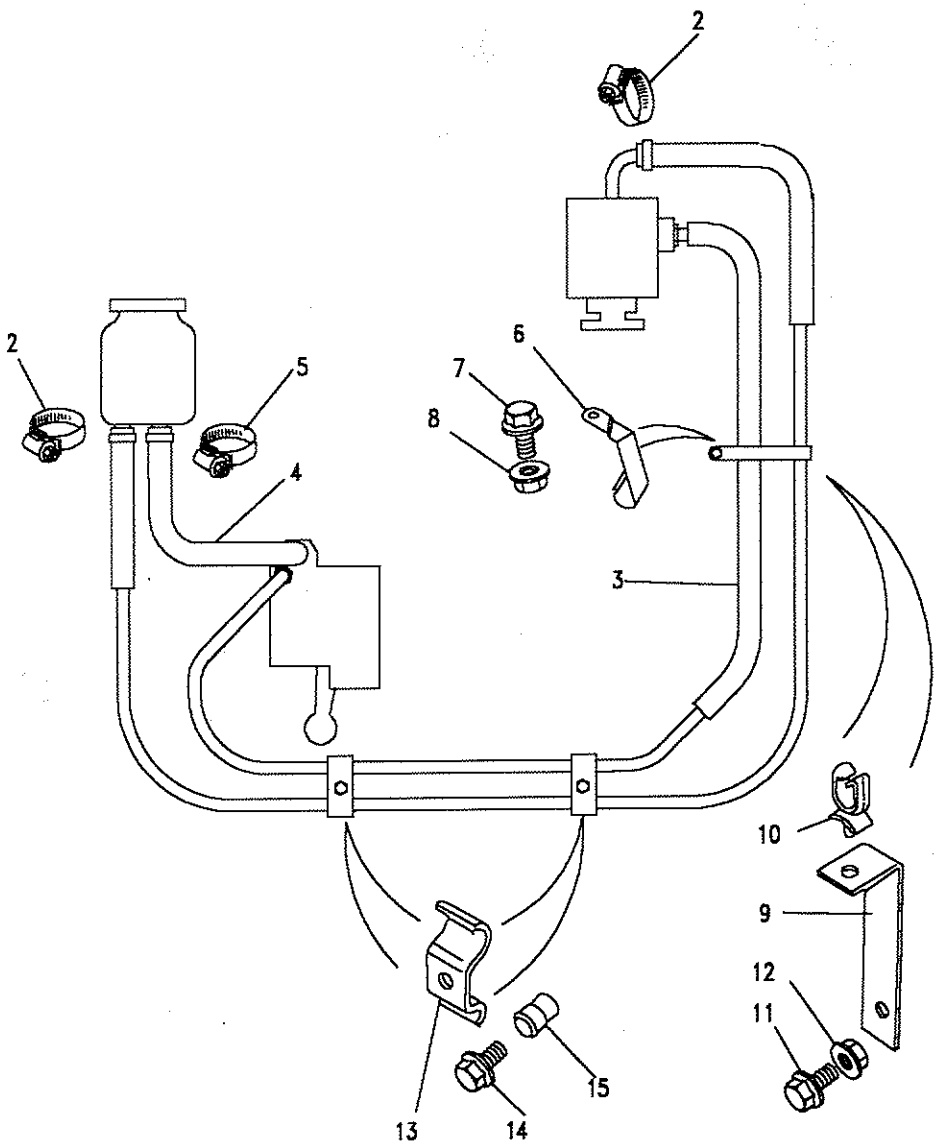



**Model** DEFENDER 90
**Page** ADFXRA2A

**STEERING - POWER STEERING PIPES - FROM VIN JA918810**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Right Hand Steering** | | | | |
| 1 | NTC9073 | Pipe-reservoir to pump | 1 | 4 Cyl Petrol |
| | NTC2595 | Pipe-reservoir to pump | 1 | V8 |
| | NTC9073 | Pipe-reservoir to pump | 1 | NatAsp Diesel |
| | NTC9071 | Pipe-reservoir to pump | 1 | 200Tdi Note(1) |
| | ANR2485 | Pipe-reservoir to pump | 1 | 200Tdi Note(2) |
| 2 | CN100258L | Clip hose | 2 | |
| 3 | NTC2597 | Pipe-pump to stg box | 1 | V8 Note(3) |
| | ANR1969 | Pipe-pump to box | 1 | V8 Note(4) |
| | NTC9072 | Pipe-pump to stg box | 1 | Tdi Note(1) |
| | ANR2135 | Pipe-pump to stg box | 1 | Tdi Note(2) |
| 4 | NTC8861 | Pipe-stg box to reservoir | 1 | Note(1) |
| | ANR3598 | Pipe-strg box to reserv | 1 | Note(2) |

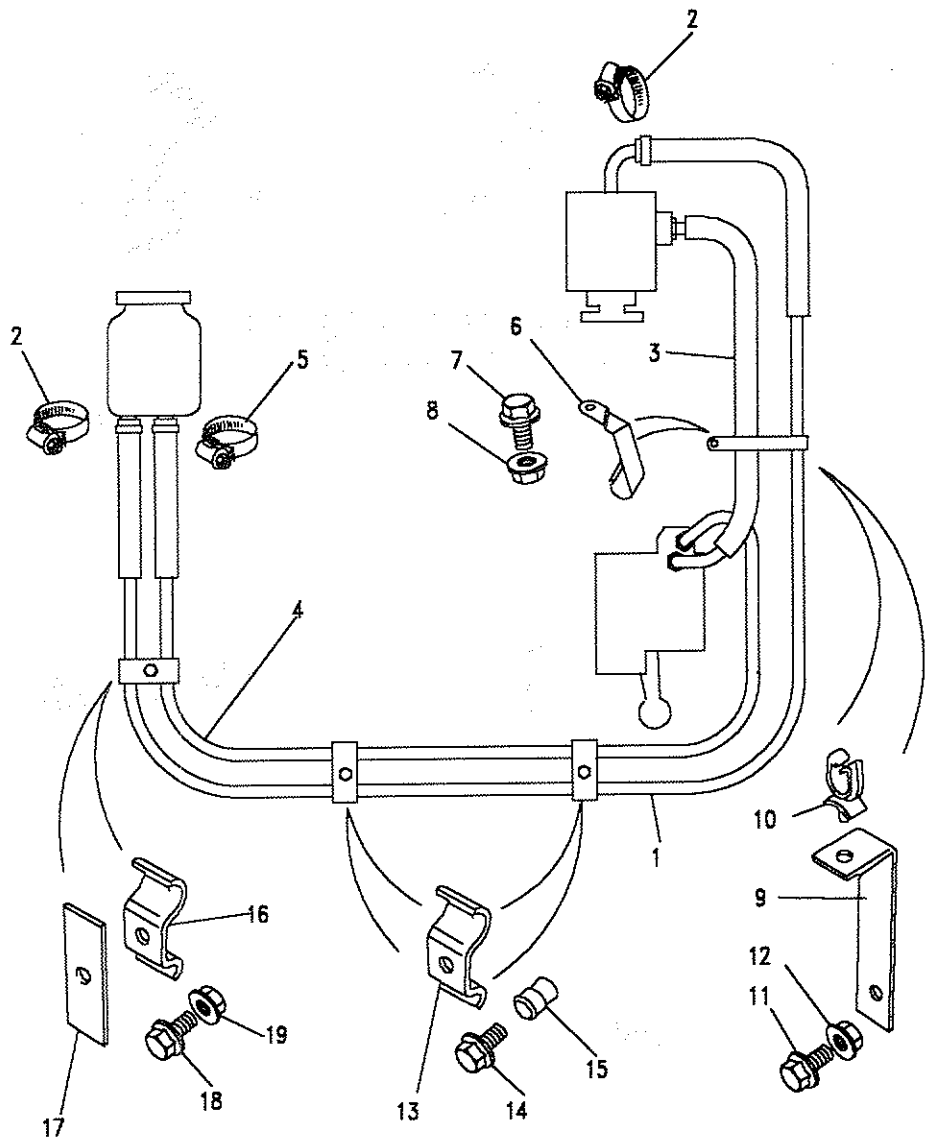
Note(1) Up to LA939975
Note(2) From MA939976
Note(3) Up to JA922879
Note(4) From JA922880




**Model** DEFENDER 90
**Page** ADFXRA2A

**STEERING - POWER STEERING PIPES - FROM VIN JA918810**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Right Hand Steering** | | | | |
| 5 | CN100208L | Clip hose | 1 | |
| 6 | NTC3791 | Clip pipe | 1 | )4 Cyl Petrol |
| 7 | FS106167L | Screw | 1 | )and |
| 8 | FN106047L | Nut | 1 | )NatAsp Diesel |
| 9 | NTC8263 | Bracket support | 1 | ) |
| 10 | ADU8363L | Clip | 1 | )200Tdi |
| 11 | FS106167L | Screw | 1 | ) |
| 12 | FN106047L | Nut | 1 | ) |
| 13 | NRC6302 | Clip | 2 | |
| 14 | FS106167L | Screw | 2 | |
| 15 | NN106021 | Nut captive | 2 | |
| | RTC4825 | 'O' Ring- Low pressure | 1 | |
| | RTC4826 | 'O' Ring- High pressure | 1 | |

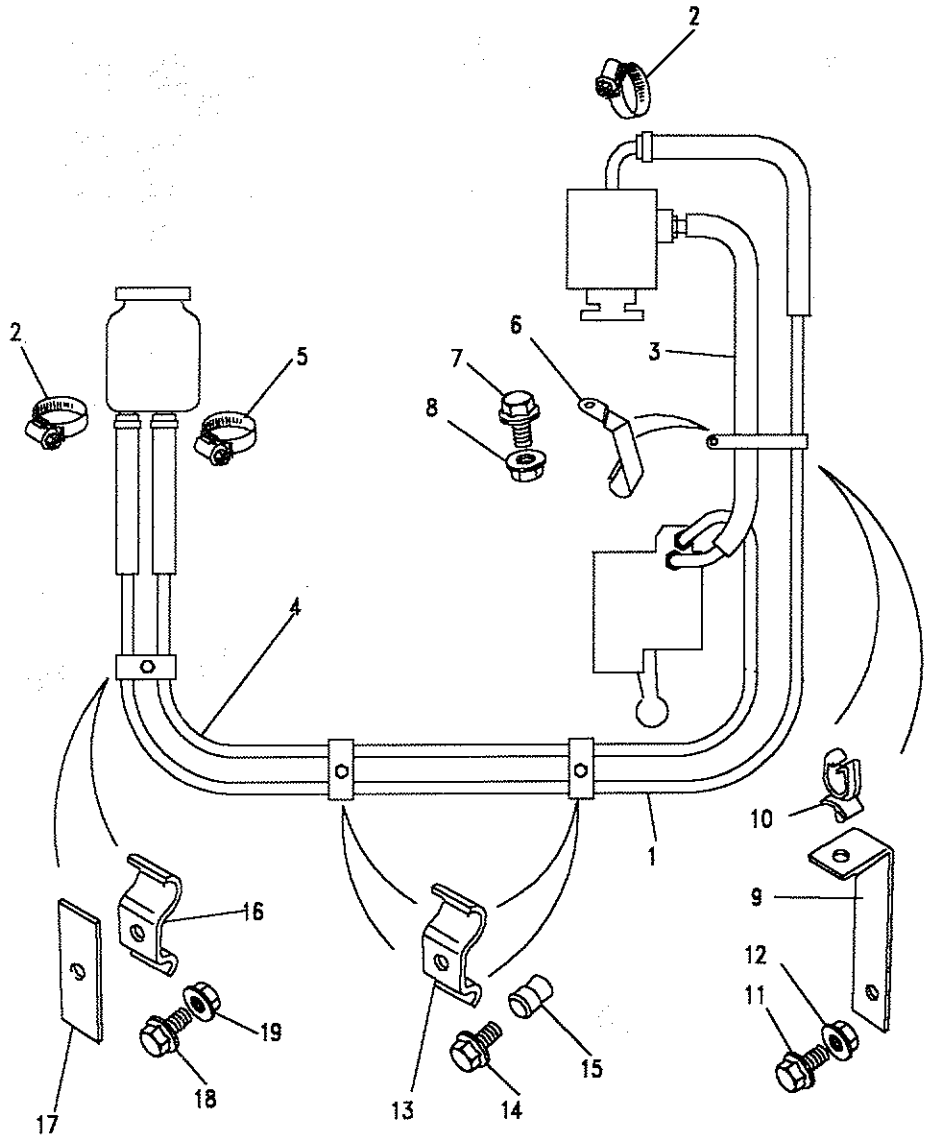



**Model** DEFENDER 90
**Page** ADFXRA3A

**STEERING - POWER STEERING PIPES - FROM VIN JA918810**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Left Hand Steering** | | | | |
| 1 | NTC9073 | Pipe-reservoir to pump | 1 | 4 Cyl Petrol |
| | NTC2595 | Pipe-reservoir to pump | 1 | V8 |
| | NTC9073 | Pipe-reservoir to pump | 1 | NatAsp Diesel |
| | NTC9071 | Pipe-reservoir to pump | 1 | 200Tdi Note(1) |
| | ANR2485 | Pipe-reservoir to pump | 1 | 200Tdi Note(2) |
| 2 | CN100258L | Clip hose | 2 | |
| 3 | NTC9704 | Pipe-pump to stg box | 1 | 4 Cyl Petrol |
| | NTC9099 | Pipe-pump to stg box | 1 | V8 |
| | NTC9704 | Pipe-pump to stg box | 1 | NatAsp Diesel |
| | NTC9074 | Pipe-pump to stg box | 1 | 200Tdi Note(1) |
| | ANR2136 | Pipe-pump to stg box | 1 | 300Tdi Note(2) |
| 4 | NTC8860 | Pipe-stg box to reservoir | 1 | Note(1) |
| | ANR2487 | Pipe-stg box to reservoir | 1 | Note(2) |
| 5 | CN100208L | Clip hose | 1 | |
| 6 | NTC3791 | Clip pipe | 1 | )4 Cyl Petrol |
| 7 | FS106167L | Screw | 1 | )and |
| 8 | FN106047L | Nut | 1 | )NatAsp Diesel |
| 9 | NTC8263 | Bracket support | 1 | ) |
| 10 | ADU8363L | Clip | 1 | )200Tdi |
| 11 | FS106167L | Screw | 1 | ) |
| 12 | FN106047L | Nut | 1 | ) |

Note(1) Up to LA939975
Note(2) From MA939976




**Model** DEFENDER 90
**Page** ADFXRA3A

**STEERING - POWER STEERING PIPES - FROM VIN JA918810**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Left Hand Steering** | | | | |
| 13 | NRC6302 | Clip | 2 | Note(1) |
| | NTC9208 | Clamp | 2 | Note(2) |
| 14 | FS106167L | Screw | 2 | |
| 15 | NN106021 | Nut captive | 2 | |
| 16 | NRC6302 | Clip | 1 | |
| 17 | NRC8405 | Plate | 1 | |
| 18 | FS106167L | Screw | 1 | |
| 19 | FN106047L | Nut | 1 | |
| | RTC4825 | 'O' Ring- Low pressure | 1 | |
| | RTC4826 | 'O' Ring- High pressure | 1 | |

Note(1) Up to LA939975
Note(2) From MA939976

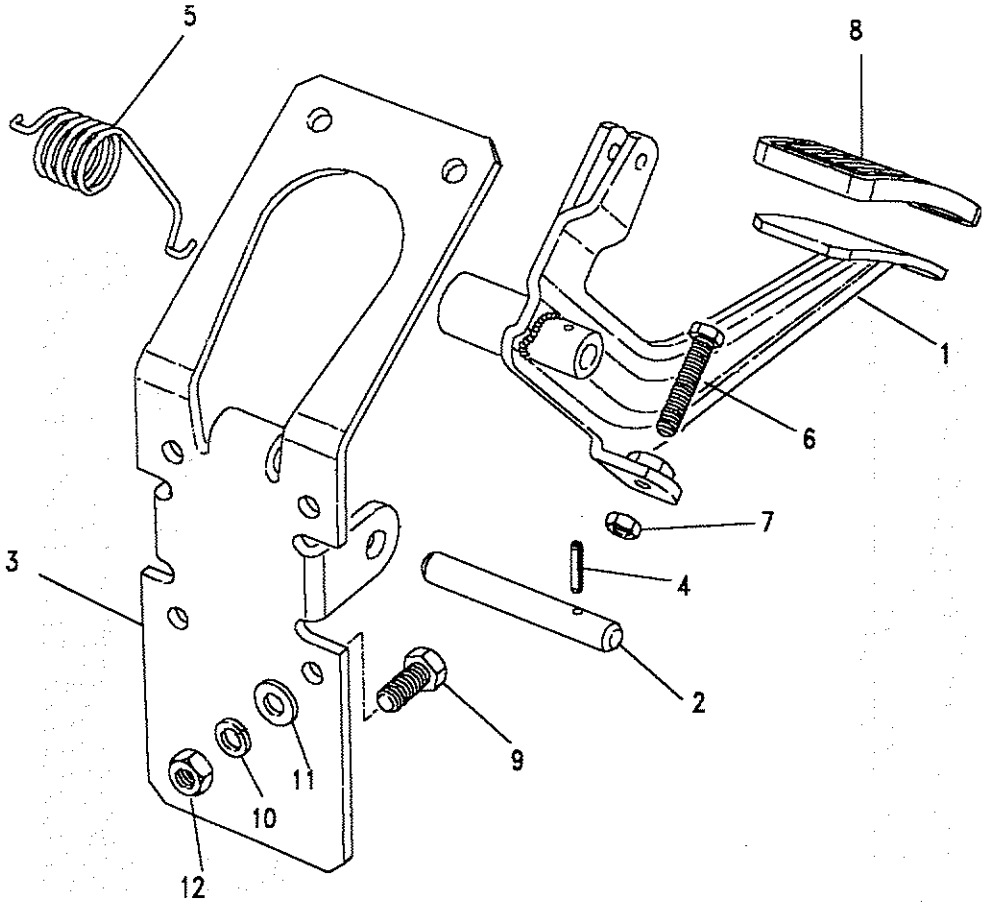
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GROUP G

VEHICLE AND ENGINE CONTROLS

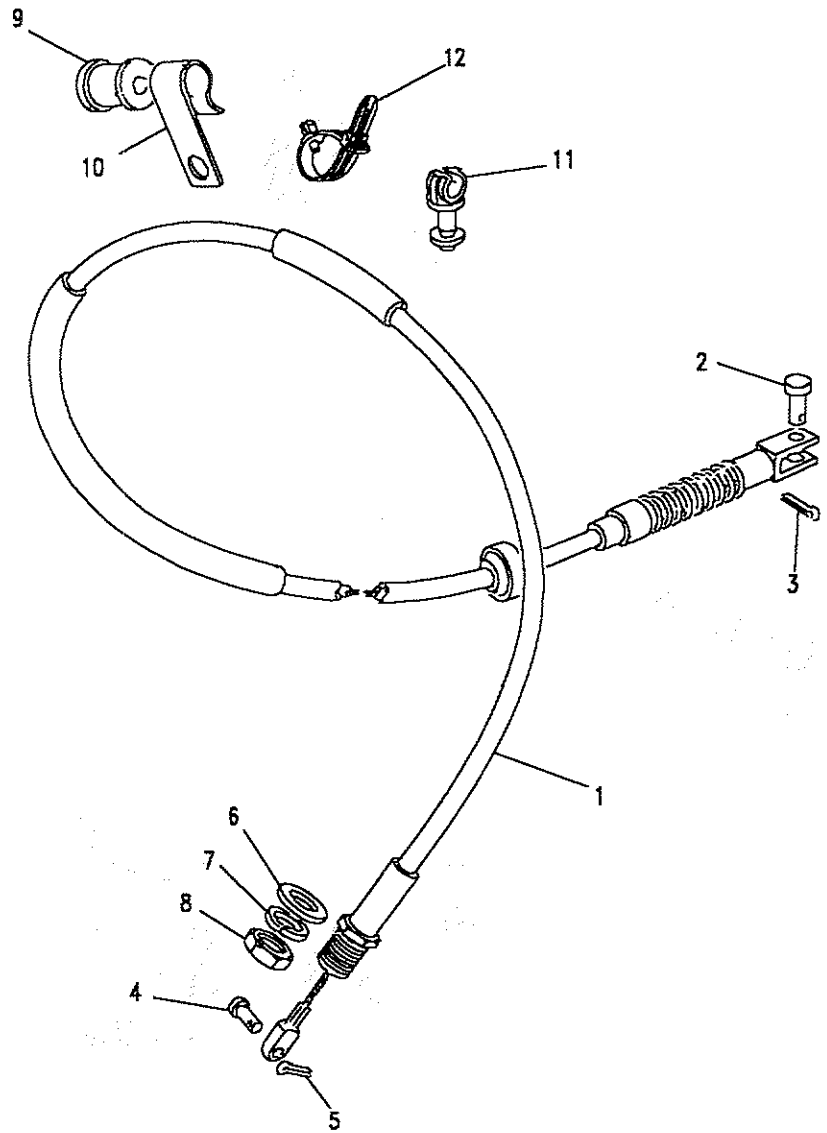

| | |
|---|---|
| VEHICLE AND ENGINE CONTROLS | |
| ACCELERATOR PEDAL | 566 |
| ACCELERATOR CABLE | 567 - 568 |
| CLUTCH PEDAL | 569 - 570 |
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| HAND THROTTLE LINKAGE | 578 - 580 |




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**Page** ADGXAA1A

## ENGINE CONTROLS - ACCELERATOR PEDAL

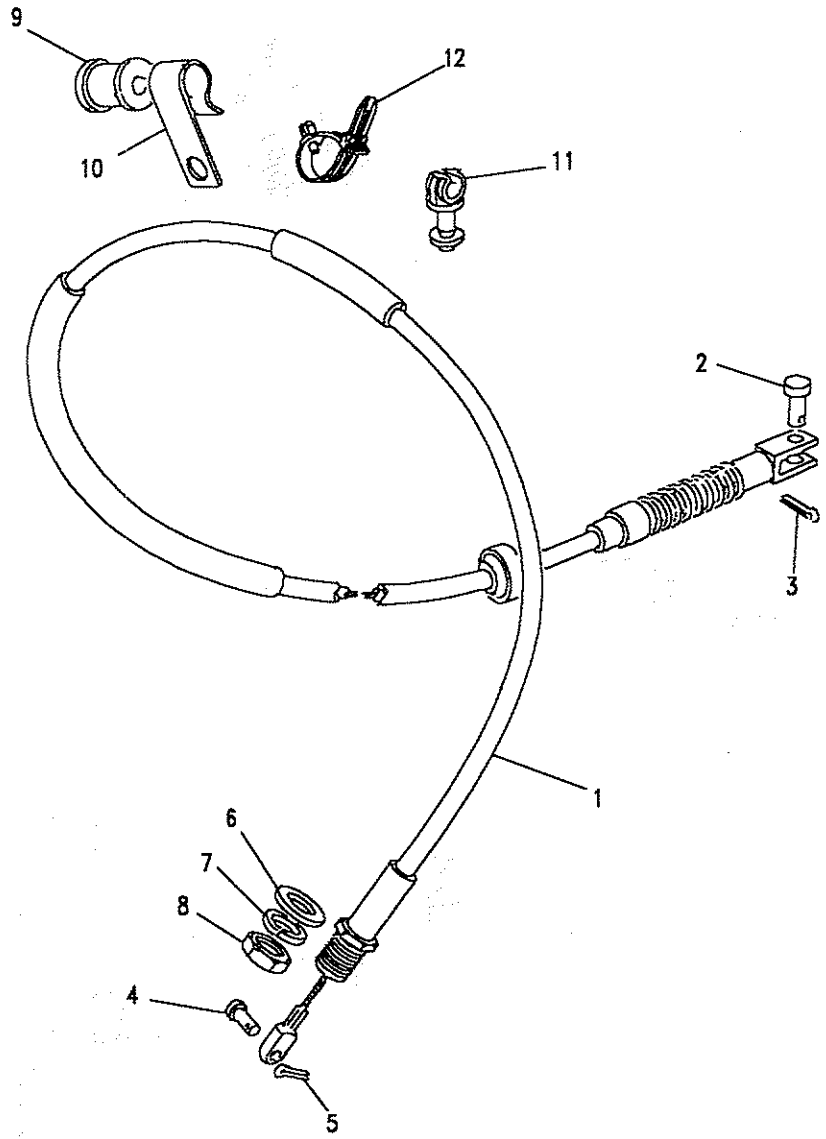
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC7827 | Pedal accelerator | 1 | |
| 2 | NRC4475 | Shaft pedal | 1 | |
| 3 | NRC5220 | Bracket | 1 | |
| 4 | PA105161L | Pin spring | 1 | |
| 5 | NRC9121 | Spring | 1 | |
| 6 | SH106451 | Screw-Pedal Stop | 1 | |
| 7 | NH605041L | Nut | 1 | |
| 8 | 11H1781L | Pad rubber | 1 | |
| 9 | FS106167L | Screw | 6 | |
| 10 | WL106001L | Washer spring | 6 | |
| 11 | WA106041L | Washer plain | 6 | |
| 12 | NH106041L | Nut | 6 | |




**Model** DEFENDER 90
**Page** ADGXAA2A

## ENGINE CONTROLS - ACCELERATOR CABLE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | **2.25 Petrol** | | | |
| 1 | NRC8116 | Cable accelerator-RHS | 1 | |
| | NRC8117 | Cable accelerator-LHS | 1 | |
| | **2.5 Petrol** | | | |
| 1 | NTC2086 | Cable accelerator-RHS | 1 | Upto VIN 295722 |
| | NTC2087 | Cable accelerator LHS | 1 | Upto VIN 295733 |
| | NTC3460 | Cable accelerator-RHS | 1 | From VIN 295723 |
| | NTC3459 | Cable accelerator-LHS | 1 | From VIN 295734 |
| | **V8** | | | |
| 1 | NRC5494 | Cable accelerator-RHS/LHS | 1 | |
| | **Diesel** | | | |
| 1 | NRC7605 | Cable accelerator-RHS | 1 | Upto VIN 267061 NLA-Use NTC2743 See Note(1) |
| | NRC7606 | Cable accelerator-LHS | 1 | Upto VIN 267061 |
| | NTC2743 | Cable accelerator-RHS | 1 | From VIN 267062 |
| | NTC3396 | Cable accelerator-LHS | 1 | From VIN 267062 |

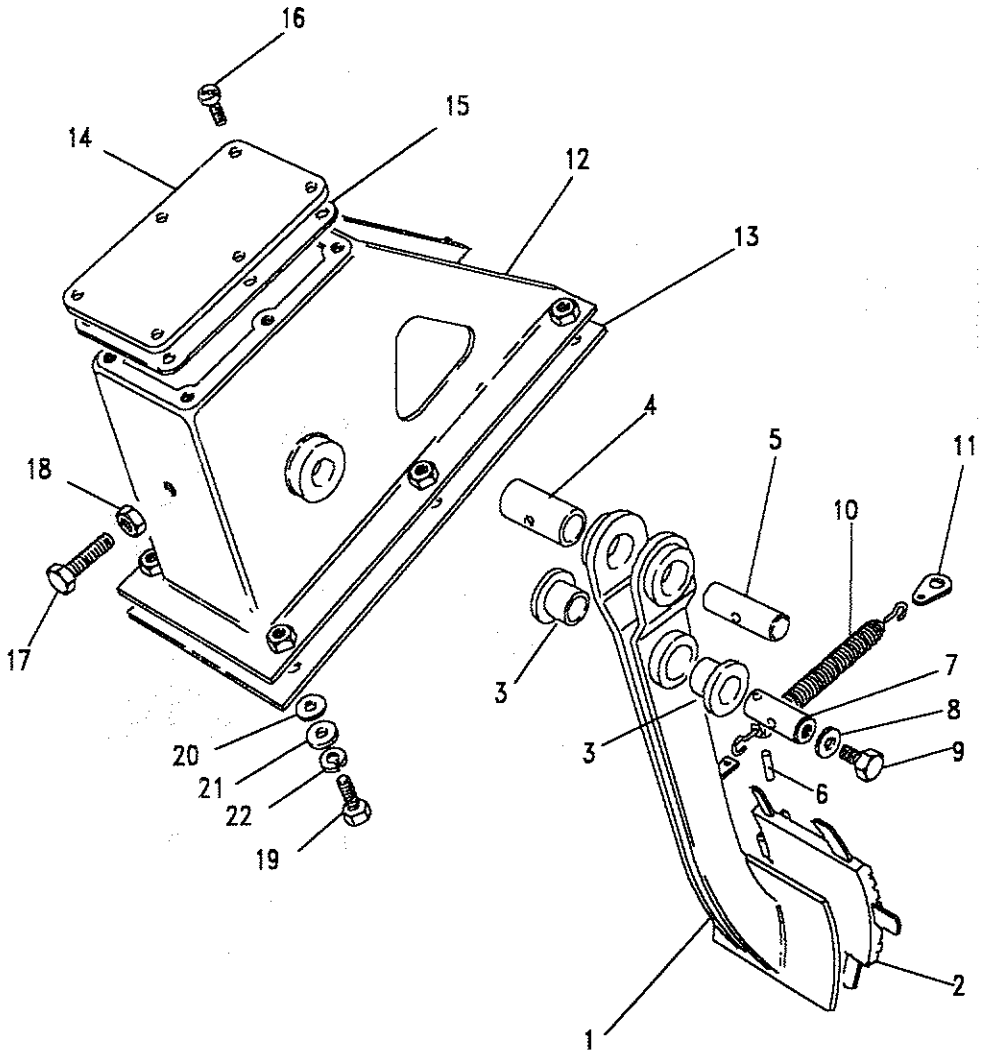



**Model** DEFENDER 90
**Page** ADGXAA2A

## ENGINE CONTROLS - ACCELERATOR CABLE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Diesel Turbo** | | | | |
| 1 | NTC2743 | Cable accelerator-RHS | 1 | |
| | NTC3396 | Cable accelerator-LHS | 1 | |
| **200Tdi** | | | | |
| 1 | ANR1419 | Cable accelerator-RHS | 1 | |
| | NTC4945 | Cable accelerator-LHS | 1 | |
| **300Tdi** | | | | |
| | NTC9360 | Cable accelerator-RHS | 1 | |
| | NTC9359 | Cable accelerator-LHS | 1 | |
| 2 | 562481 | Pin clevis | 1 | |
| 3 | PS103081L | Pin split | 1 | Upto VIN 455945 |
| | PS603041L | Pin split | 1 | From VIN HA455946 |
| 4 | NRC5502 | Pin clevis | 1 | |
| 5 | PS102081L | Pin split | 1 | |
| 6 | WA112081L | Washer plain | 1 | |
| 7 | WF112001L | Washer spring | 1 | |
| 8 | NT112041L | Nut | 1 | |
| 9 | 6860L | Grommet | 1 | Upto VIN HA701009 |
| 10 | 240407 | Clip-RHS | 1 | From VIN HA455946 Upto VIN HA701009 |
| | AFU1077L | Clip swivel-RHS | 1 | 4 Cyl Petrol From VIN HA701010 |
| 11 | 79121 | Clip-RHS | 1 | 200Tdi From VIN HA701010 |
| | 79121 | Clip-LHS | 1 | From VIN HA455946 |
| 12 | AAU3686 | Strap cable-LHS | 1 | From VIN HA455946 |
| | ESR301 | Clip swivel-RHS | 1 | 200Tdi From VIN JA915380 |

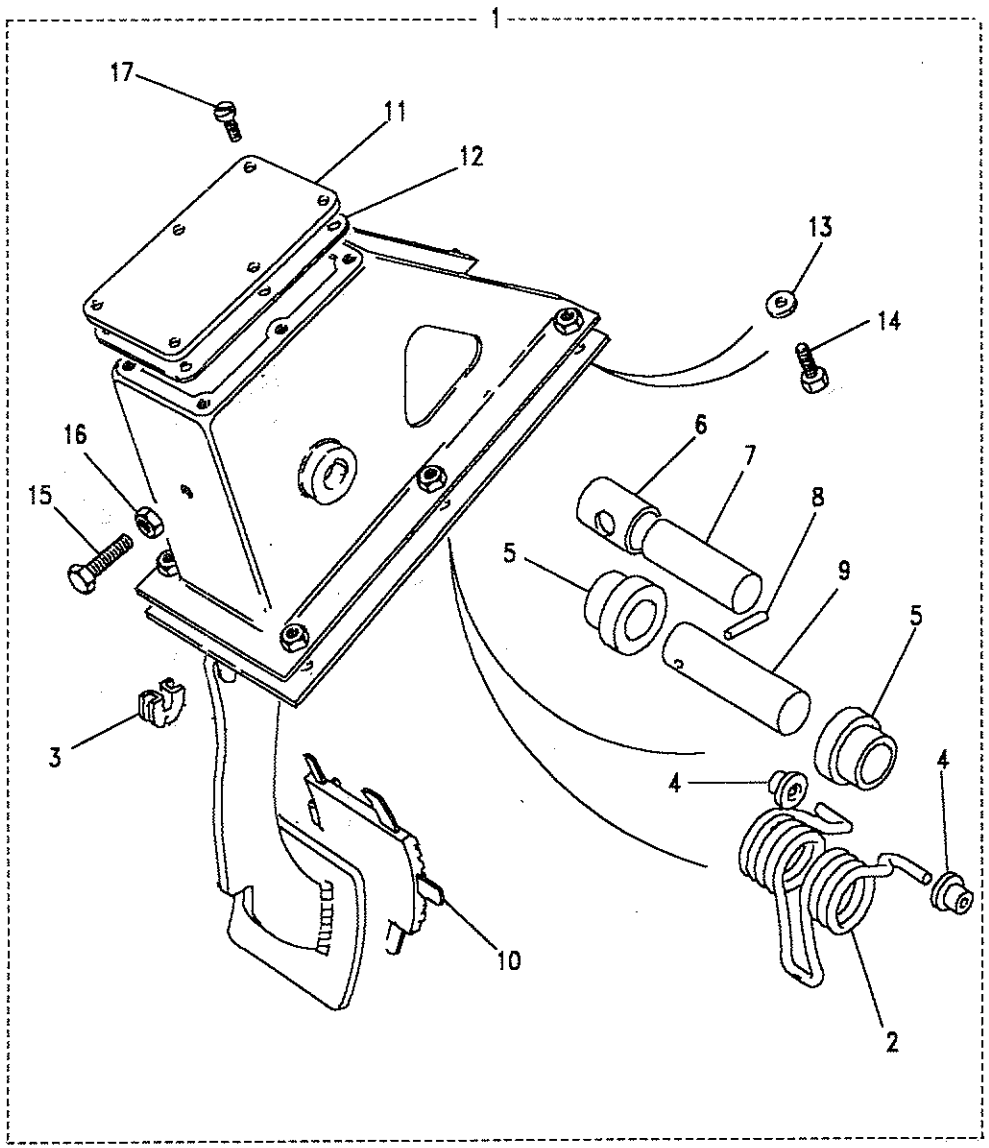
Note(1) When replacing NRC7605 with NTC2743 fit also Abutment Bracket ETC6675, or ETC6630 if Hand Throttle is also fitted




**Model** DEFENDER 90
**Page** ADGXCA1A

## ENGINE CONTROLS - CLUTCH PEDAL

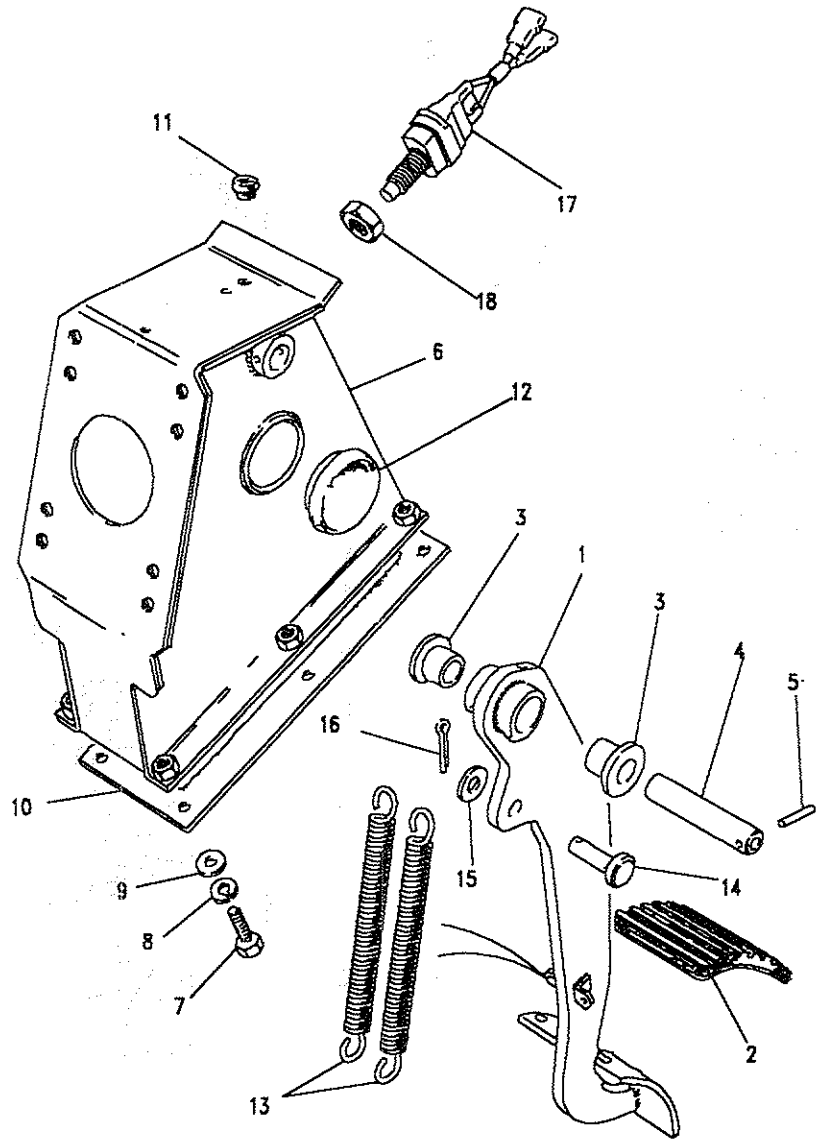
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to LA939891** | | | | |
| 1 | 568895 | Pedal assembly clutch-RHS | 1 | Upto VIN 234187 |
| | NRC9217 | Pedal assenbly clutch-LHS | 1 | Upto VIN 234187 |
| | NTC1112 | Pedal assembly clutch | 1 | From VIN 234188 |
| 2 | 278166 | Pad rubber | 1 | Optional Upto VIN 234187 |
| | 61K738 | Pad rubber | 1 | From VIN 234188 |
| 3 | 272714 | Bush | 1 | |
| 4 | 269783 | Distance piece | 1 | |
| 5 | 568883 | Trunnion | 1 | |
| 6 | 50446 | Pin | 1 | |
| 7 | 272712 | Pin pivot | 1 | |
| 8 | 3052 | Joint Washer | 1 | |
| 9 | SH604031L | Screw | 1 | |
| 10 | 569701 | Spring | 1 | |
| | NRC7869 | Sleeve | 1 | |
| 11 | 240708 | Plate anchor | 1 | |
| 12 | 272632 | Pedal Box | 1 | |
| 13 | MUC7505 | Gasket | 1 | |
| 14 | 272713 | Top Cover | 1 | |
| 15 | 272819 | Gasket | 1 | |
| 16 | 78227 | Screw | 6 | |
| 17 | SH604081L | Screw-pedal stop | 1 | |
| 18 | NH604041L | Nut | 1 | |
| 19 | GG605081 | Bolt | 6 | |
| 20 | RTC610 | Washer plain | 5 | |
| 21 | 4594L | Washer plain | 1 | |
| 22 | WM600051L | Washer spring | 6 | |




**Model** DEFENDER 90
**Page** ADGXCA1B

**ENGINE CONTROLS - CLUTCH PEDAL**

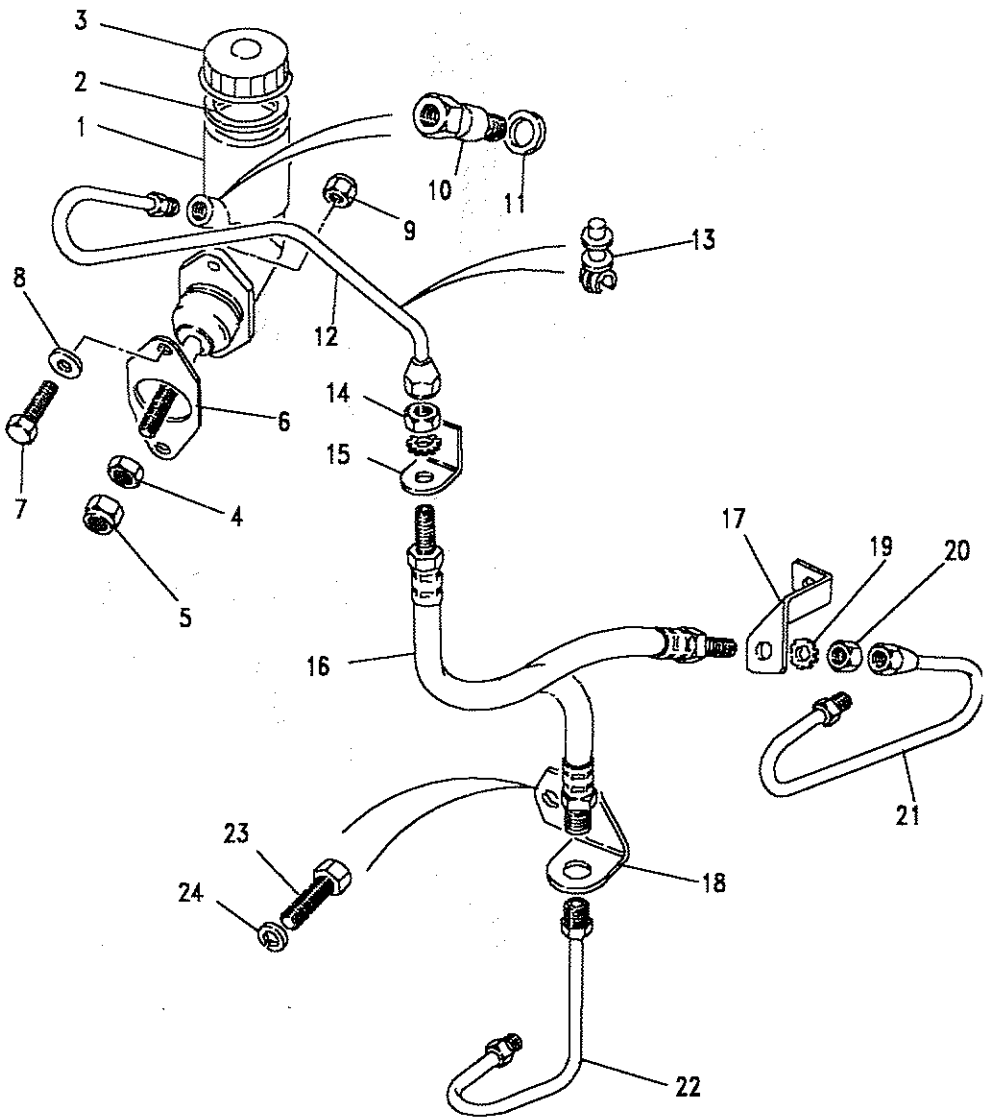
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From LA939892** | | | | |
| 1 | ANR3400 | Pedal box assembly | 1 | |
| 2 | EDP7510L | Spring torsion | 1 | |
| 3 | CLP3180 | Bearing | 1 | |
| 4 | DCP3212L | Nylon bush | 2 | |
| 5 | 272714 | Bush | 2 | |
| 6 | 269783 | Distance piece | 1 | |
| 7 | 568883 | Trunnion | 1 | |
| 8 | 50446 | Pin | 1 | |
| 9 | 272712 | Pin pivot | 1 | |
| 10 | 61K738 | Pad rubber | 1 | |
| 11 | 272713 | Top Cover | 1 | |
| 12 | 272819 | Gasket | 1 | |
| 13 | WA108051L | Washer | 6 | |
| 14 | SH604081L | Screw 1/4 UNF | 6 | |
| 15 | BH108061L | Bolt M8 30 | 1 | |
| 16 | NH604041L | Nut | 1 | |
| 17 | 78227 | Screw | 6 | |




**Model** DEFENDER 90
**Page** ADGXCA2A

## ENGINE CONTROLS - BRAKE PEDAL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC9183 | Pedal assembly brake | 1 | Upto VIN 234187 |
| | NTC1210 | Pedal assembly brake | 1 | From VIN 234188 |
| 2 | NRC9224 | Pad rubber | 1 | Optional Upto VIN 234187 |
| | 61K738 | Pad rubber | 1 | From VIN 234188 |
| 3 | 564816 | Bush | 2 | |
| 4 | 564813 | Shaft pedal | 1 | |
| 5 | 50446 | Pin | 1 | |
| 6 | NRC6058 | Pedal Box | 1 | Upto VIN HA701009 |
| | NTC7933 | Pedal Box | 1 | From VIN HA701010 |
| 7 | GG108251L | Screw | 6 | |
| 8 | WL108001L | Washer spring | 6 | |
| 9 | WA108051L | Washer plain | 6 | |
| 10 | MUC7506 | Gasket | 1 | |
| 11 | 338013 | Plug sealing | 1 | |
| 12 | AFU2627 | Plug sealing | 2 | |
| 13 | 569291 | Spring | 2 | |
| | NRC7869 | Sleeve | 1 | |
| 14 | NRC4665 | Pin clevis | 1 | Upto VIN HA701009 |
| | PC112291 | Pin clevis | 1 | From VIN HA701010 |
| 15 | WA112081L | Washer plain | 1 | |
| 16 | PS106201 | Pin split | 1 | |
| 17 | PRC4297 | Switch brake light | 1 | |
| 18 | BMK1903 | Nut | 1 | |
| | NRC9169 | Strip sealing | 1 | |
| | NRC9233 | Sealing ring | 1 | Upto VIN HA701009 |
| | NTC5017 | Sealing strip | 1 | From VIN HA701010 |

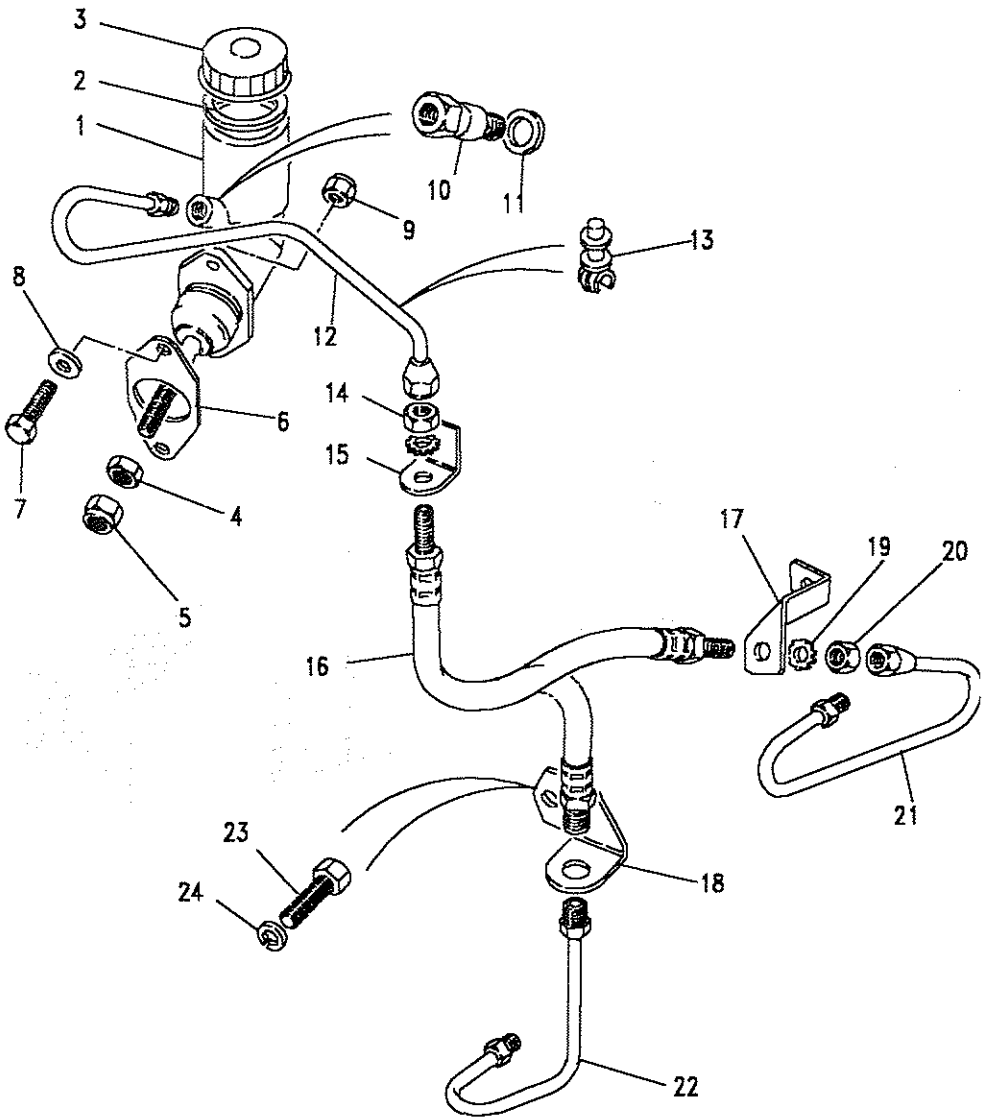



**Model** DEFENDER 90
**Page** ADGXEA1A

## ENGINE CONTROLS - CLUTCH MASTER CYLINDER AND PIPES

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 550732 | Master cylinder clutch | 1 | |
| 2 | 264767 | Washer sealing | 1 | |
| 3 | 500201 | Cap aluminium | 1 | Upto VIN KA926144 |
| | STC976 | Cap plastic | 1 | From VIN KA926145 |
| | 8G8837L | Kit master cylinder | 1 | |
| 4 | NT605041L | Nut | 2 | |
| 5 | NY605041L | Nut | 1 | |
| 6 | 592358 | Gasket | 1 | |
| 7 | FB108061 | Flange Bolt | 2 | |
| 8 | WA108051L | Washer plain | 4 | |
| 9 | NY108041L | Nut | 2 | |
| 10 | 139082 | Adaptor | 1 | |
| 11 | 233220 | Gasket | 1 | |
| 12 | NRC8330 | Pipe assembly RHS | 1 | Note(1) |
| | ANR2162 | Pipe assembly RHS | 1 | Note(2) |
| | NRC8329 | Pipe assembly LHS | 1 | Note(1) |
| | ANR2945 | Pipe assembly LHS | 1 | Note(2) |

Note(1) Up to LA939975
Note(2) From MA939976

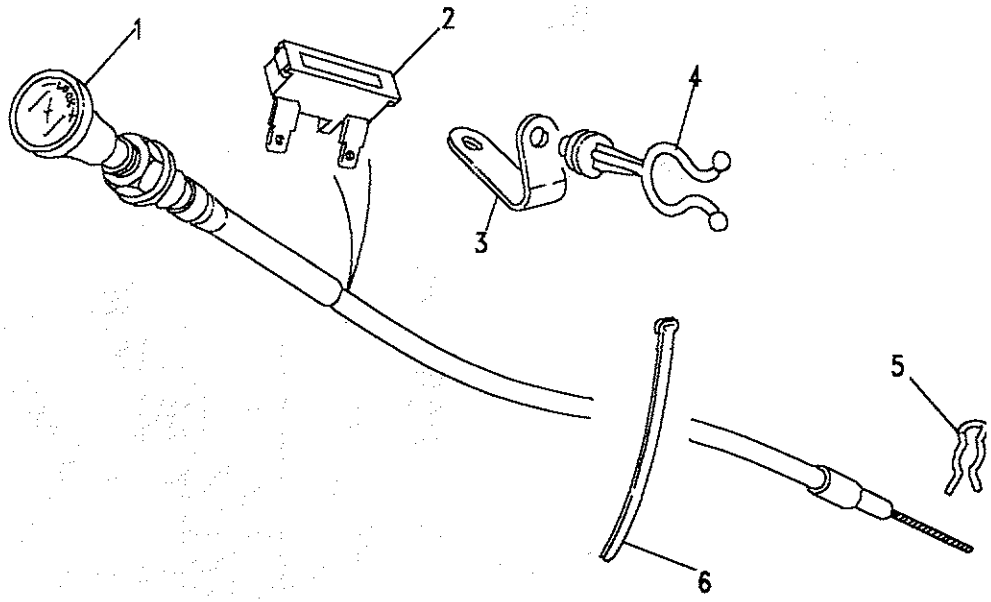



**Model** DEFENDER 90
**Page** ADGXEA1A

## ENGINE CONTROLS - CLUTCH MASTER CYLINDER AND PIPES

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | 79123 | Pipe Clip | 2 | RHS |
| 14 | NT607041L | Nut | 2 | 4 Cylinder |
| | NT604041L | Nut | 1 | V8 |
| 15 | WF600071L | Washer shakeproof | 2 | 4 Cylinder |
| | WE600071L | Washer shakeproof | 1 | V8 |
| 16 | RTC4425 | Hose clutch | 1 | 4 Cylinder |
| | NRC2211 | Hose clutch | 1 | V8 |
| | NRC7139 | Hose clutch | 1 | Tdi Note(1) |
| | NTC9055 | Hose clutch | 1 | Tdi Note(2) |
| 17 | NRC7441 | Bracket support | 1 | 4 Cylinder |
| 18 | 90577642 | Bracket support | 1 | ) |
| 19 | WE600101L | Washer shakeproof | 1 | )V8 |
| 20 | 2K8686L | Nut | 1 | ) |
| 21 | NRC9595 | Pipe assembly | 1 | 4 Cylinder |
| 22 | 577643 | Pipe assembly | 1 | V8 |
| 23 | BH506161L | Bolt | 2 | |
| 24 | WM600061L | Washer spring | 2 | |

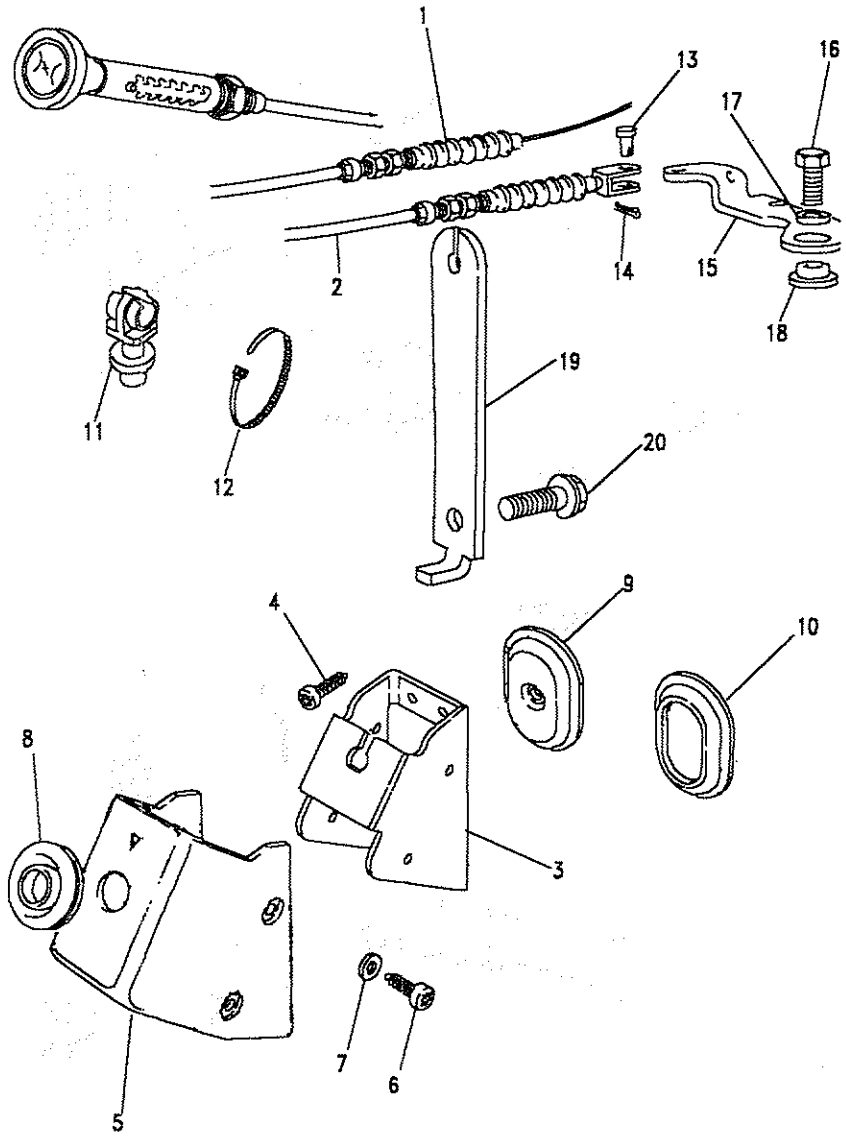
Note(1) Up to LA939975
Note(2) From MA939976




**Model** DEFENDER 90
**Page** ADGXGA1A

## ENGINE CONTROLS - CHOKE CABLE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder Petrol** | | | | |
| 1 | NRC8626 | Cable choke-RHS | 1 | Upto VIN 270139 |
| | NRC8627 | Cable choke-LHS | 1 | Upto VIN 270239 |
| | NTC1384 | Cable choke-RHS | 1 | From VIN 270140 |
| | NTC1385 | Cable choke-LHS | 1 | From VIN 270140 |
| **V8** | | | | |
| 1 | NRC7792 | Cable choke-RHS | 1 | Upto VIN 268051 |
| | NRC7791 | Cable choke-LHS | 1 | Upto VIN 268051 |
| | NTC3686 | Cable choke-RHS | 1 | With SU Carb From VIN 268052 Upto VIN 271213 |
| | NTC3687 | Cable choke-LHS | 1 | With SU Carb From VIN 268052 Upto VIN 271213 |
| | NTC3932 | Cable choke-RHS | 1 | From VIN 271214 |
| | NTC3933 | Cable choke-LHS | 1 | From VIN 271214 |
| 2 | RTC5816 | Switch choke | 1 | From VIN 270227 |
| 3 | NRC8333 | Bracket | 1 | |
| 4 | NRC8332 | Cable clip | 1 | |
| 5 | 538890L | Cable clip | 1 | From VIN 268052 |
| 6 | 594594 | Cable tie | 1 | From VIN 268052 |

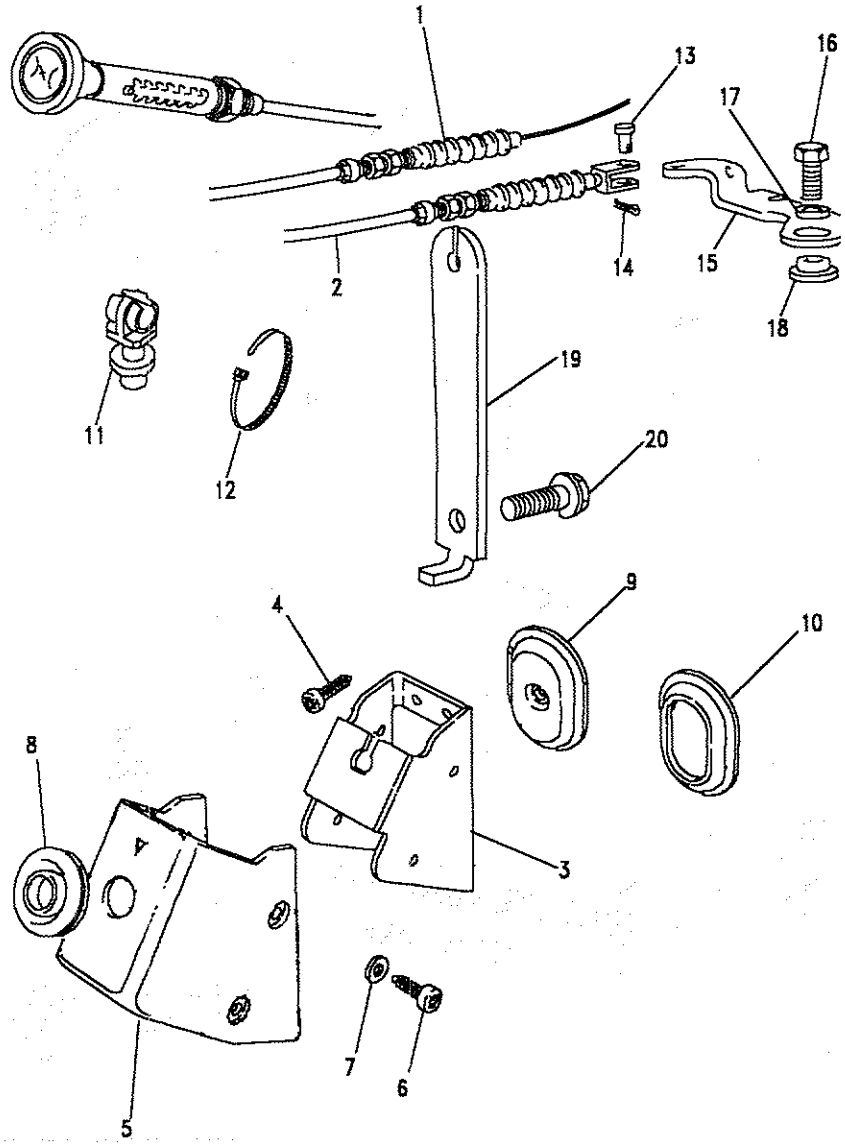



**Model** DEFENDER 90
**Page** ADGXIA1A

## ENGINE CONTROLS - HAND THROTTLE CONTROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder Petrol** | | | | |
| 1 | NRC8560 | Cable hand throttle | 1 | |
| **V8** | | | | |
| 1 | NRC9284 | Cable hand throttle | 1 | RHS |
| | NRC9285 | Cable hand throttle | 1 | LHS |
| **Diesel** | | | | |
| 2 | NRC8502 | Cable hand throttle | 1 | RHS Upto VIN 267061 |
| | NRC8503 | Cable hand throttle | 1 | LHS Upto VIN 267061 |
| | NTC3484 | Cable hand throttle | 1 | RHS |
| | | | 1 | From VIN 267062 Upto VIN 456213 |
| | NTC3483 | Cable hand throttle | 1 | LHS |
| | | | | From VIN 267062 Upto VIN 456213 |
| | NTC8554 | Cable hand throttle | 1 | RHS Note(1) |
| | ANR1338 | Cable hand throttle | 1 | RHS Note(2) |
| | NTC8553 | Cable hand throttle | 1 | LHS Note(1) |
| | ANR1339 | Cable hand throttle | 1 | LHS Note(2) |

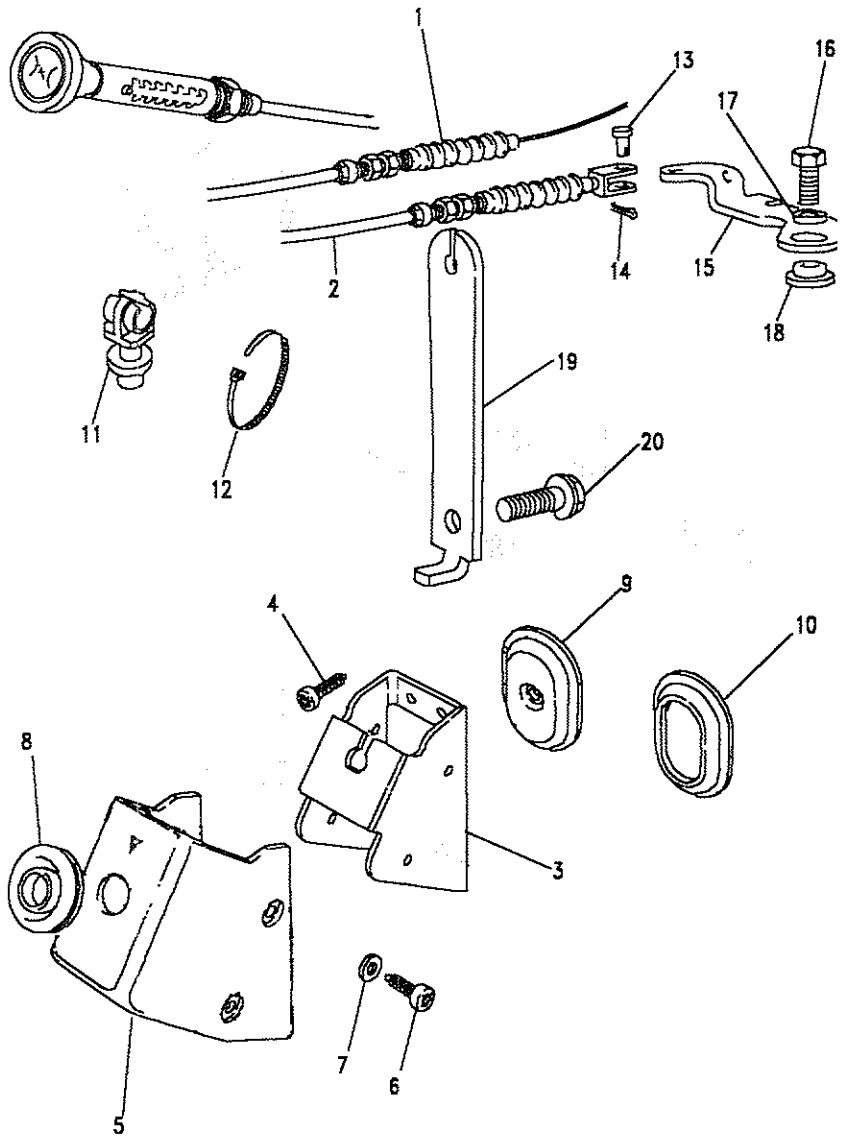
Note(1) From 456214, up to LA939975
Note(2) From MA939976




**Model** DEFENDER 90
**Page** ADGXIA1A

## ENGINE CONTROLS - HAND THROTTLE CONTROL

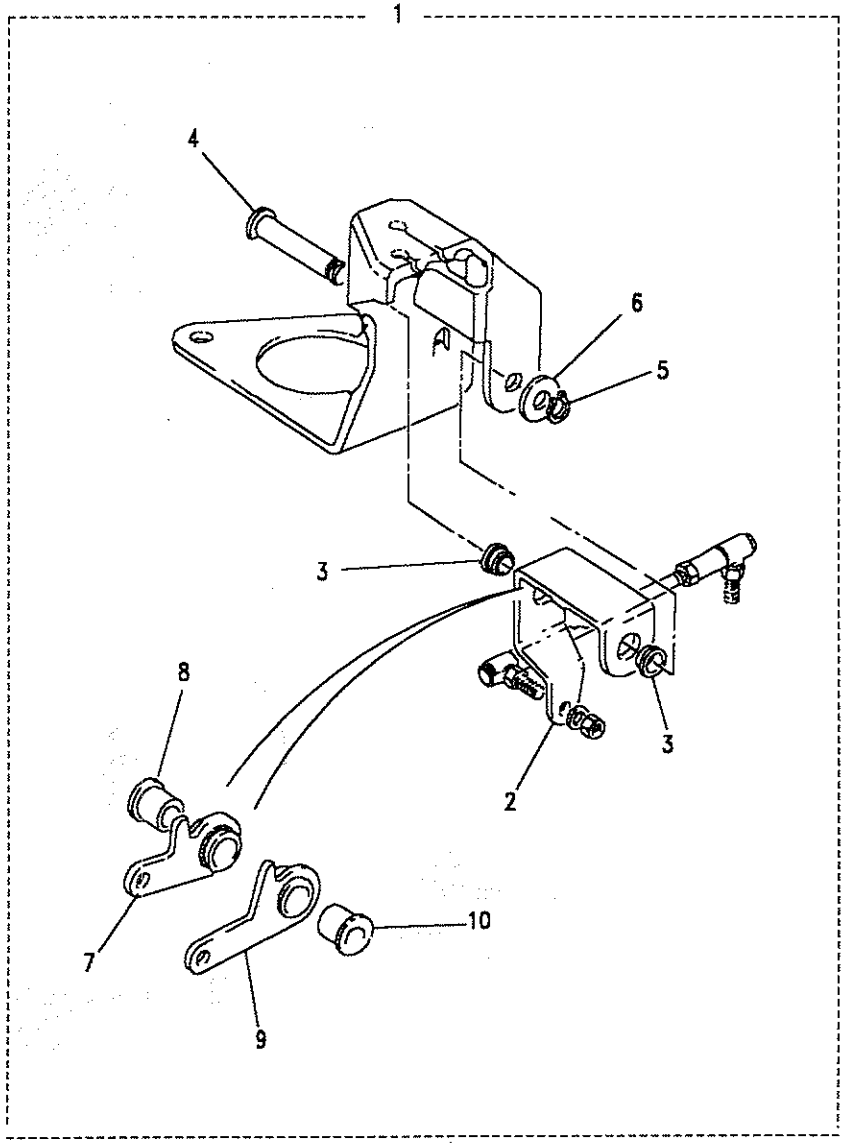
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 3 | NRC8734 | Bracket mounting | 1 | |
| 4 | AB610041L | Screw | 4 | |
| 5 | MTC3611 | Cover | 1 | |
| 6 | AB608031L | Screw | 2 | |
| 7 | WC105001L | Washer plain | 2 | |
| 8 | 531689 | Grommet | 1 | |
| 9 | NRC6799 | Grommet | 1 | |
| 10 | MTC1650 | Plug | 1 | |
| 11 | 79121 | Clip cable | 1 | V8-LHS |
| 12 | UKC6684L | Cable tie | 1 | |
| 13 | 562481 | Pin clevis | 1 | Diesel |
| 14 | PS102081L | Pin split | 1 | Diesel Upto VIN 456213 |




**Model** DEFENDER 90
**Page** ADGXIA1A

**ENGINE CONTROLS - HAND THROTTLE CONTROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Diesel from VIN HA456214 also 200Tdi** | | | | |
| 14 | PS603041L | Pin split | 1 | |
| 15 | NTC8011 | Lever | 1 | |
| 16 | FS106167L | Screw | 1 | |
| 17 | WC106041L | Washer plain | 1 | Upto 11L00029A |
| | 3900L | Washer plain | 1 | From 11L00030A |
| 18 | NTC7240 | Bush | 1 | Upto 11L00029A |
| | NTC8544 | Bush | 1 | From 11L00030A |
| 19 | NTC7097 | Bracket abutment | 1 | Upto LA939975 |
| | ANR2512 | Bracket abutment | 1 | From MA939976 |
| 20 | FS108251L | Screw | 1 | |



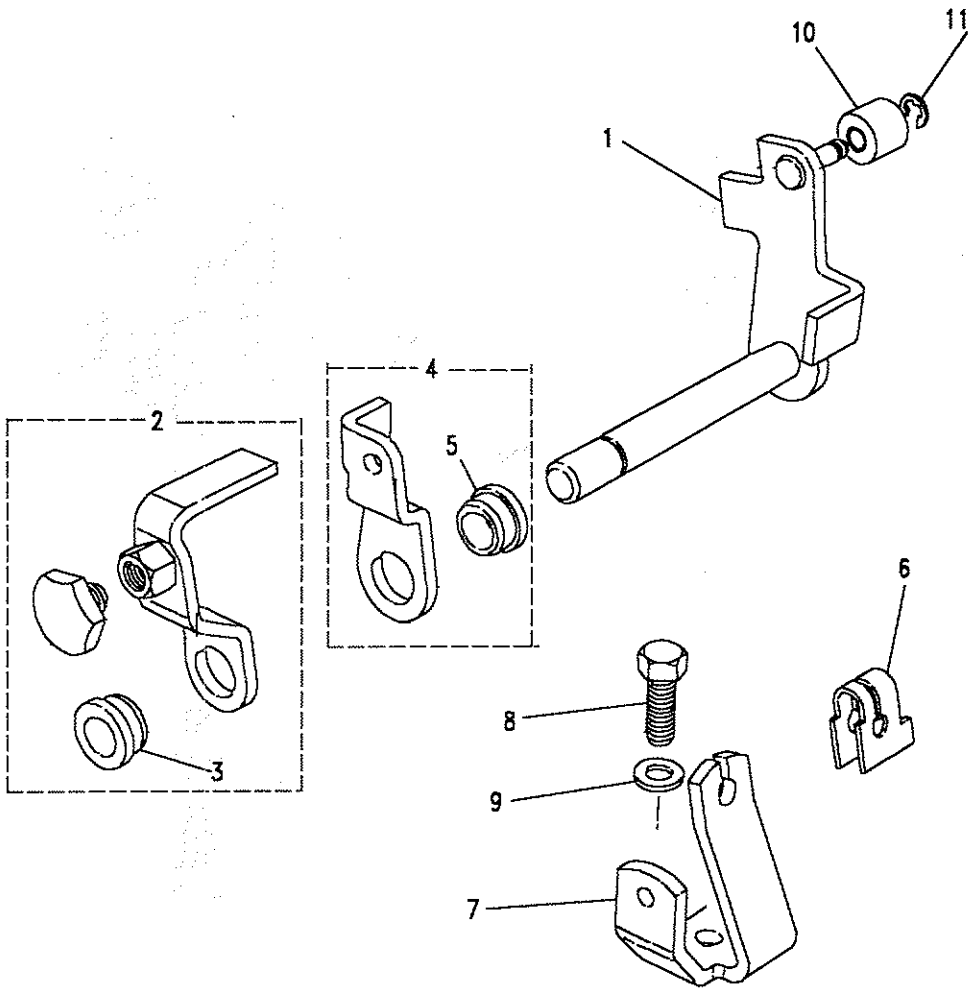

**Model** DEFENDER 90
**Page** ADGXIA2A

## ENGINE CONTROLS - HAND THROTTLE LINKAGE

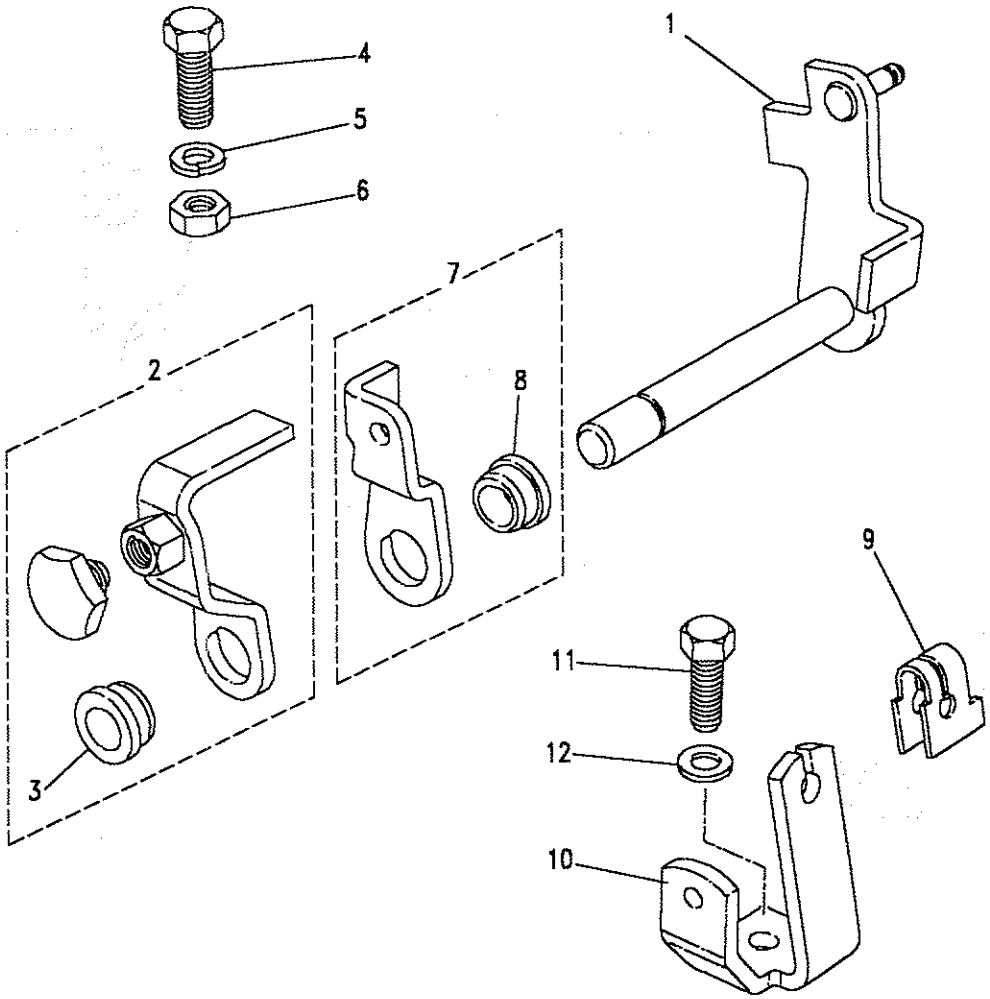
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Diesel and Diesel Turbo - Not 200Tdi** | | | | |
| 1 | ETC6630 | Hand throttle control | 1 | |
| 2 | ETC4678 | Lever relay | 1 | No longer available |
| 3 | 613915 | Bush | 2 | |
| 4 | ETC4686 | Pin pivot | 1 | |
| 5 | CR120081L | Circlip | 1 | |
| 6 | WA108051L | Washer plain | 1 | |
| 7 | ETC5182 | Lever throttle | 1 | No longer available |
| 8 | 522932 | Bush | 1 | |
| 9 | ETC5183 | Lever hand throttle | 1 | No longer available |
| 10 | 522932 | Bush | 1 | |

**Model** DEFENDER 90
**Page** ADGXIA3A

## ENGINE CONTROLS - HAND THROTTLE LINKAGE




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **V8 With SU Carburetter** | | | | |
| 1 | 613910 | Countershaft | 1 | |
| 2 | 613916 | Lever hand throttle | 1 | |
| 3 | 613915 | Bush | 1 | |
| 4 | 90613913 | Lever accelerator | 1 | |
| 5 | 613915 | Bush | 1 | |
| 6 | 239673 | Clip | 1 | |
| 7 | ETC7393 | Bracket anchor | 1 | |
| 8 | FS504055 | Bolt | 1 | |
| 9 | WA106041L | Washer plain | 1 | |
| 10 | 603237 | Roller | 1 | |
| 11 | 521452 | Circlip | 1 | |




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**Page** ADGXIA4A

**ENGINE CONTROLS - HAND THROTTLE LINKAGE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **V8 With Stromberg Carburetters** | | | | |
| 1 | 613910 | Countershaft | 1 | |
| 2 | 613916 | Lever hand throttle | 1 | |
| 3 | 613915 | Bush | 1 | |
| 4 | SH105201L | Screw | 1 | |
| 5 | WL105001L | Washer spring | 1 | |
| 6 | NH105041L | Nut | 1 | |
| 7 | 90613913 | Lever accelerator | 1 | |
| 8 | 613915 | Bush | 1 | |
| 9 | 239673 | Clip | 1 | |
| 10 | ETC4006 | Bracket anchor | 1 | |
| 11 | FS504055 | Screw | 1 | |
| 12 | WA106041L | Washer plain | 1 | |

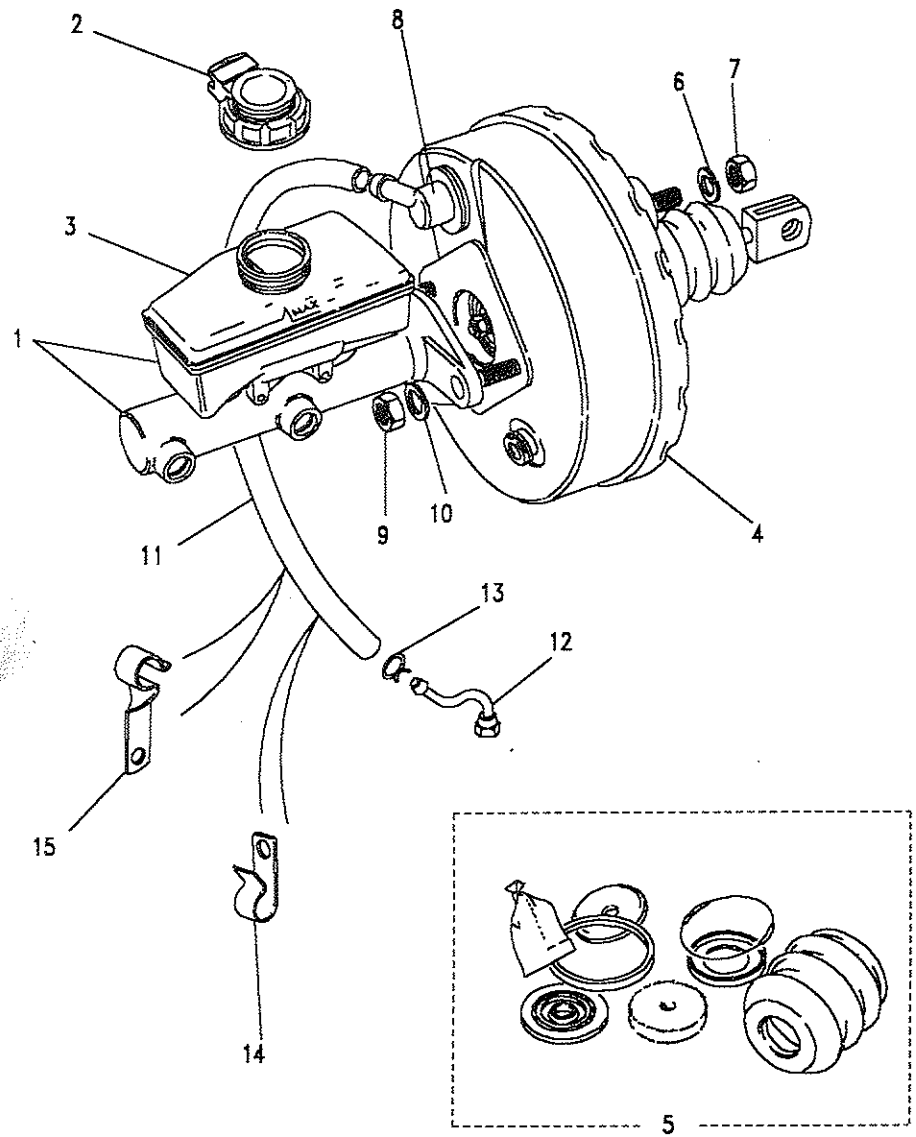
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GROUP H

BRAKES


| | |
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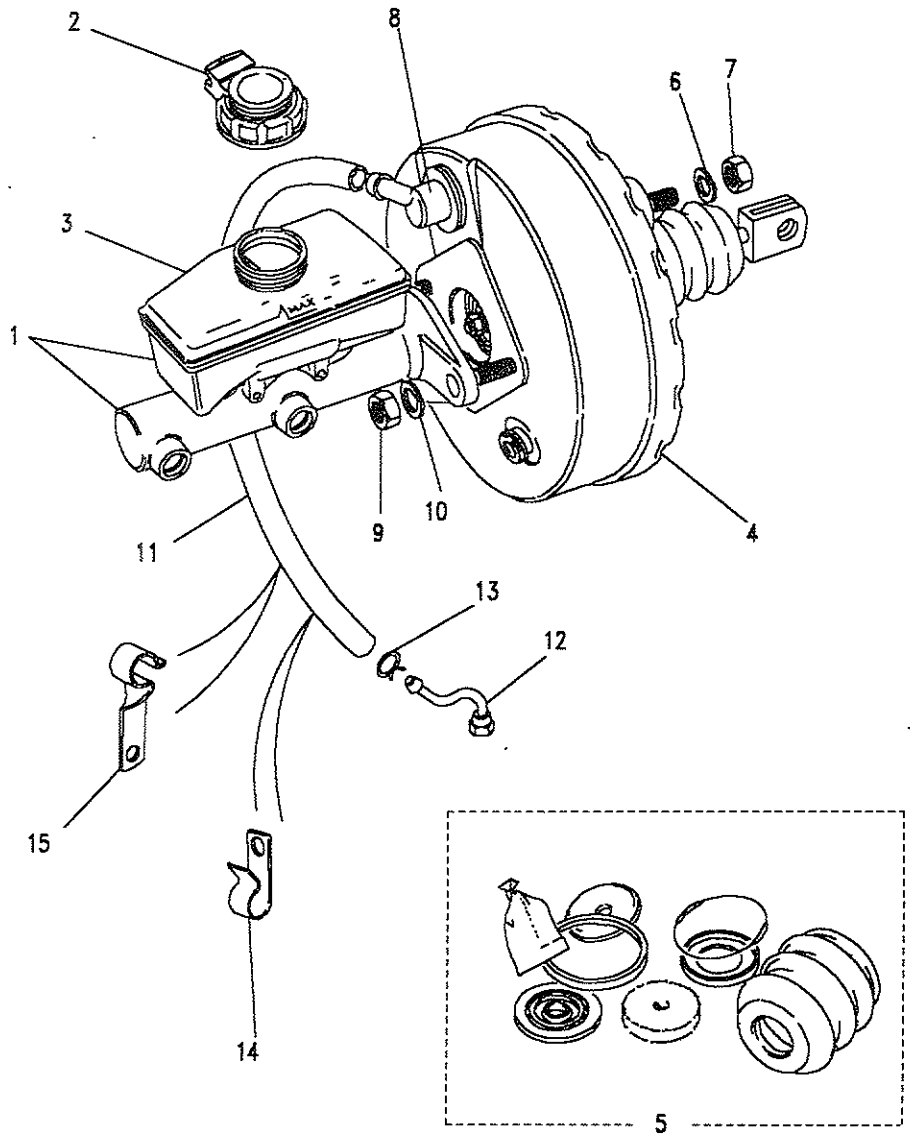

**Model** DEFENDER 90
**Page** ADHXAA1A

## BRAKES - BRAKE MASTER CYLINDER AND SERVO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN HA701009** | | | | |
| 1 | NRC9529 | Master cylinder brake | 1 | |
| 2 | NTC4414 | Cap master cylinder | 1 | |
| 3 | RTC3388 | Kit fluid reservoir | 1 | |
| | AEU1044 | Pin | 2 | |
| | RTC3387 | Kit master cylinder | 1 | |
| | NRC9233 | Seal-servo to pedal box | 1 | |
| 4 | NRC4775 | Servo assembly | 1 | Note(1) |
| | NRC4772 | Servo assembly | 1 | Note(2) |
| 5 | 18G8951L | Kit servo repair | 1 | Type 50 |
| | AEU2741 | Kit servo repair | 1 | Type 80 |
| 6 | WL108001L | Washer spring | 4 | |
| 7 | FN108041L | Nut | 4 | |
| 8 | 18G8953L | Valve non return | 1 | |
| 9 | NH110041L | Nut | 2 | |
| 10 | WL110001L | Washer spring | 2 | |
| 11 | CRC2131 | Vacuum hose 930mm | 1 | |
| | NTC3372 | Vacuum hose 1560mm | 1 | Diesel Turbo-LHS |
| | NTC3372 | Vacuum hose 1560mm | 1 | 200Tdi-LHS |
| | CRC2135 | Vacuum Hose 1092mm | 1 | V8-RHS |
| 12 | 569714 | Adaptor pipe | 1 | 4 Cyl Petrol |

Note(1) Type 50 - 227mm diameter, non return valve aperture at bottom, right of centre

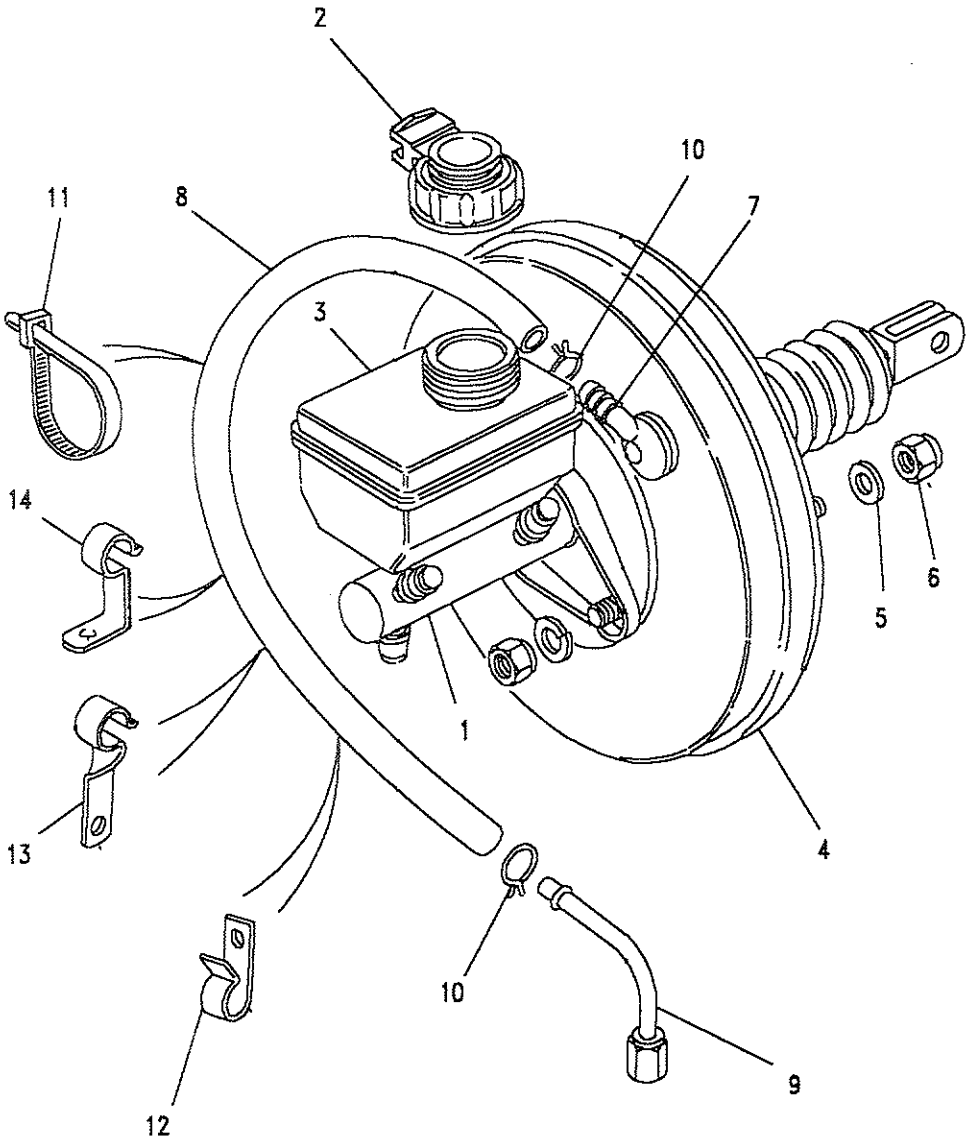
Note(2) Type 80 - 276mm diameter, non return valve aperture at top, left of centre




**Model** DEFENDER 90
**Page** ADHXAA1A

**BRAKES - BRAKE MASTER CYLINDER AND SERVO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | 572548 | Clamp hose | 2 | |
| | CS600244L | Clamp hose | 2 | Diesel Turbo-LHS |
| | 568680 | Cable tie | 3 | Diesel Turbo-LHS |
| | CS600244L | Clamp hose | 2 | 200Tdi-LHS |
| | 568680 | Cable tie | 3 | 200Tdi-LHS |
| 14 | 240407 | Clip hose | 1 | 4 Cyl Petrol |
| 15 | 614617 | Clip hose | 1 | V8 |
| | NRC9338 | Clip hose | 1 | Diesel Turbo LHS |
| | NRC9338 | Clip hose | 1 | 200Tdi-LHS |
| | 345662 | Clip-low fluid hose | 1 | |

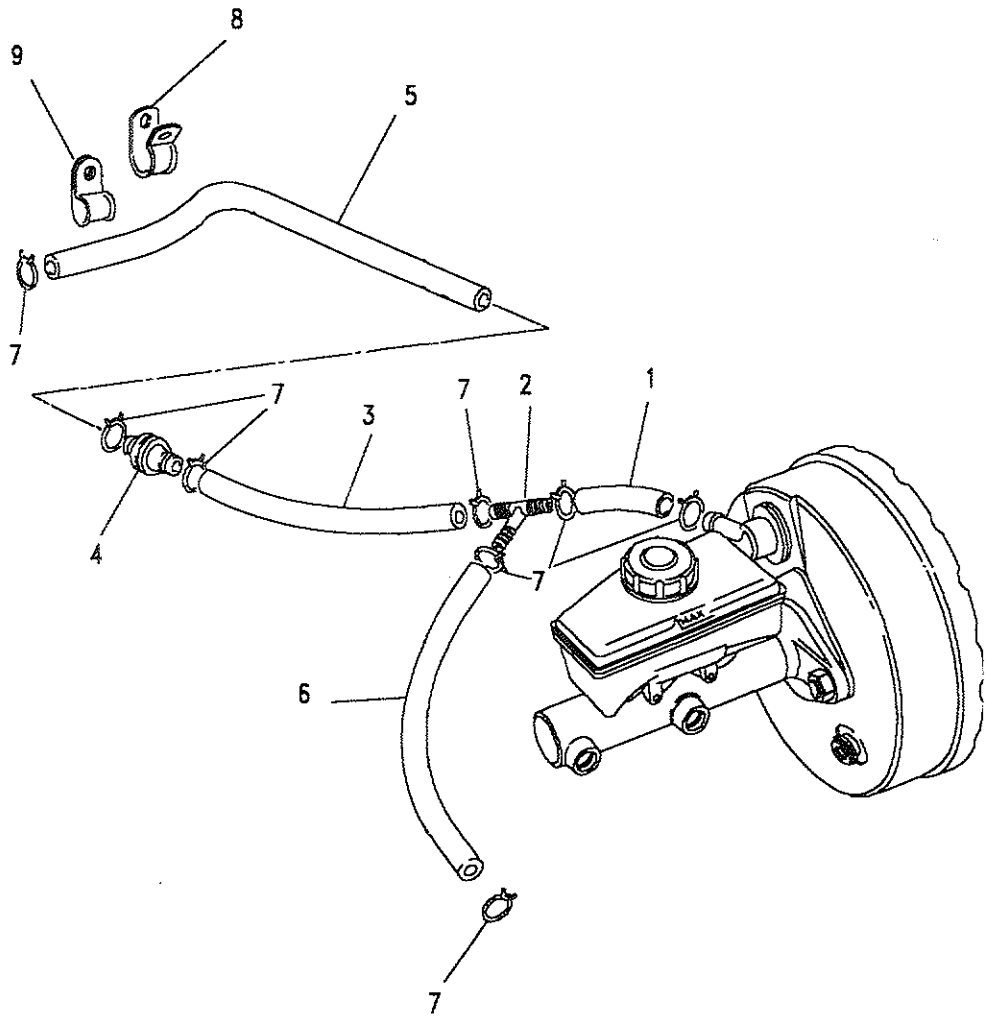



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**Page** ADHXAA2A

## BRAKES - BRAKE MASTER CYLINDER AND SERVO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN HA701010** | | | | |
| 1 | STC441 | Master cylinder brake | 1 | |
| 2 | NTC4414 | Cap Master cylinder | 1 | |
| 3 | STC492 | Kit fluid reservoir | 1 | |
| | STC491 | Kit master cylinder | 1 | |
| 4 | STC442 | Servo assembly | 1 | Note(1) |
| 5 | WA108051L | Washer plain | 4 | |
| 6 | NY108041L | Nut | 4 | |
| 7 | STC493 | Valve non return | 1 | |
| 8 | ANR2783 | Vacuum hose RHS | 1 | 300Tdi Note(2) |
| | ANR2784 | Vacuum hose LHS | 1 | 300Tdi Note(2) |
| | CRC2131 | Vacuum Hose 930mm | 1 | |
| | NTC3372 | Vacuum Hose LHS 1560mm | 1 | 200TdiNote(1) |
| | CRC2135 | Vacuum Hose 1092mm | 1 | V8-RHS |
| 9 | 569714 | Adaptor pipe | 1 | 4 Cyl Petrol |
| 10 | 572548 | Clamp hose | 2 | |
| | CS600244L | Clamp hose | 2 | 200Tdi-LHS |
| 11 | 568680 | Cable tie | 3 | 200Tdi-LHS |
| 12 | 240407 | Clip hose | 1 | 4 Cyl Petrol |
| 13 | 614617 | Clip hose | 1 | V8 |
| 14 | NRC9338 | Clip hose | 1 | 200Tdi-LHS |

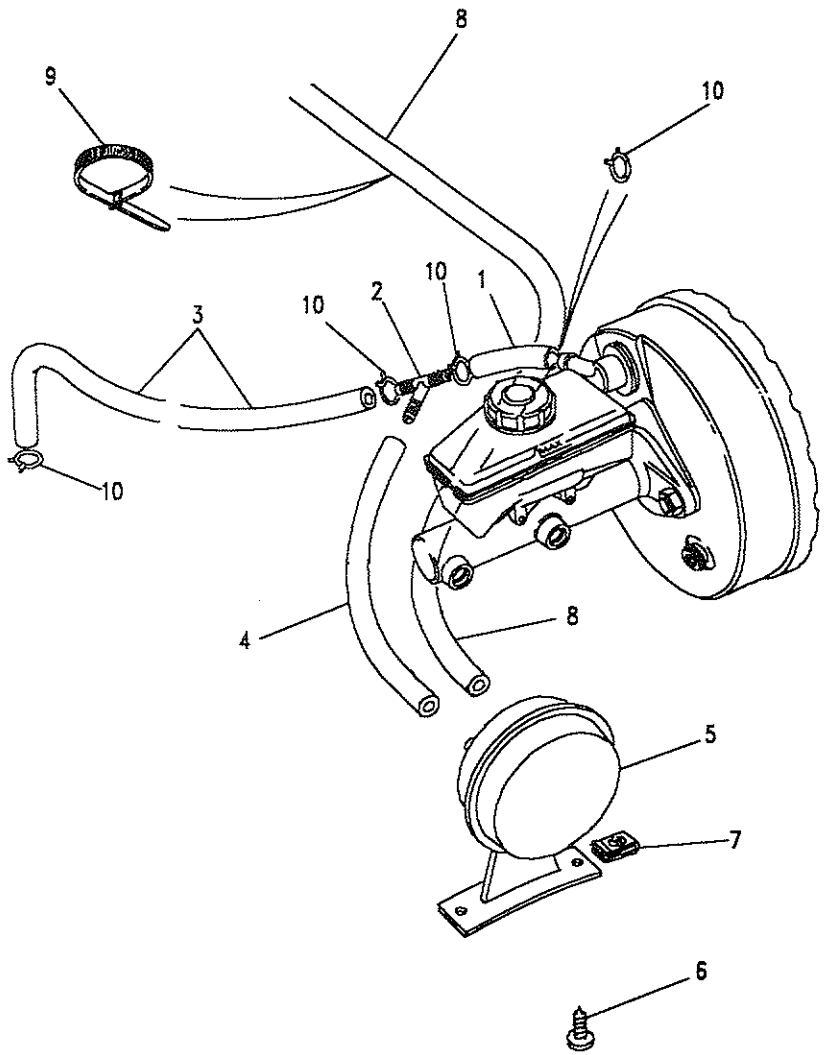
Note(1) From HA701011, up to LA939975
Note(2) From MA939976
Note(3) There is no repair kit for the Servo Assembly




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## BRAKES - VACUUM HOSES - AIR CONDITIONING

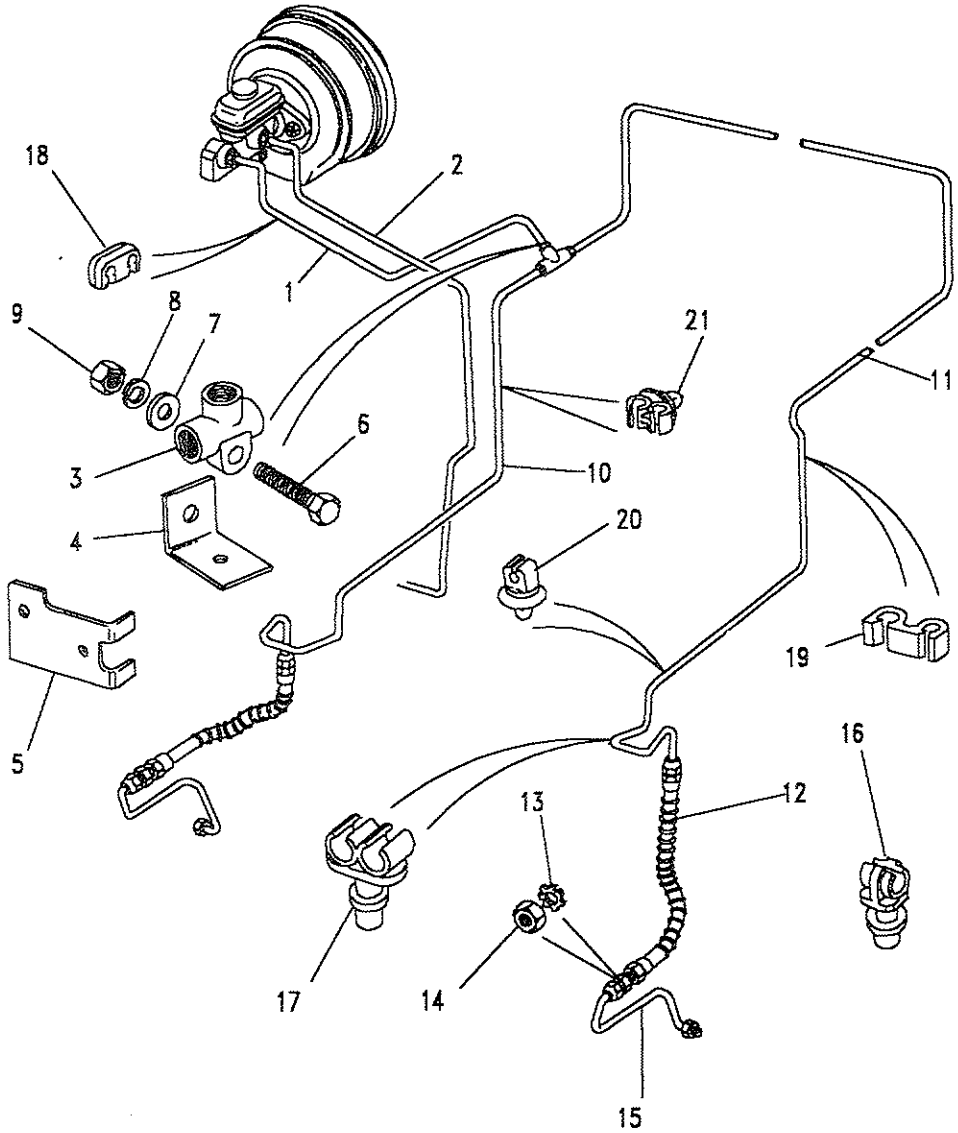
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 273531** | | | | |
| 1 | NRC8349 | Vacuum hose | 1 | Petrol |
| | CRC2131 | Vacuum hose | 1 | Diesel |
| | CRC2135 | Vacuum hose | 1 | Diesel Turbo |
| 2 | 592443 | Tee piece | 1 | |
| 3 | NRC8629 | Vacuum hose | 1 | Petrol |
| | CRC2134 | Vacuum hose | 1 | Diesel |
| | CRC2131 | Vacuum hose | 1 | Diesel Turbo |
| 4 | NRC8593 | Valve one way | 1 | |
| 5 | NRC8352 | Vacuum hose-heater/cooler | 1 | Petrol |
| | CRC2131 | Vacuum hose-heater/cooler | 1 | Diesel |
| | CRC2131 | Vacuum hose-heater/cooler | 1 | Diesel Turbo |
| 6 | CRC2133 | Vacuum hose-engine | 1 | 4 Cyl Petrol |
| | NRC8352 | Vacuum hose-engine | 1 | V8 |
| | CRC2144 | Vacuum hose-pump | 1 | Diesel |
| | CRC2131 | Vacuum hose-pump | 1 | Diesel Turbo |
| 7 | CS600244L | Clamp hose | 8 | |
| 8 | CP105121L | Clip | 1 | Petrol |
| 9 | 56667 | Clip | 1 | Diesel |




**Model** DEFENDER 90
**Page** ADHXAA4A

## BRAKES - VACUUM HOSE - AIR CONDITIONING

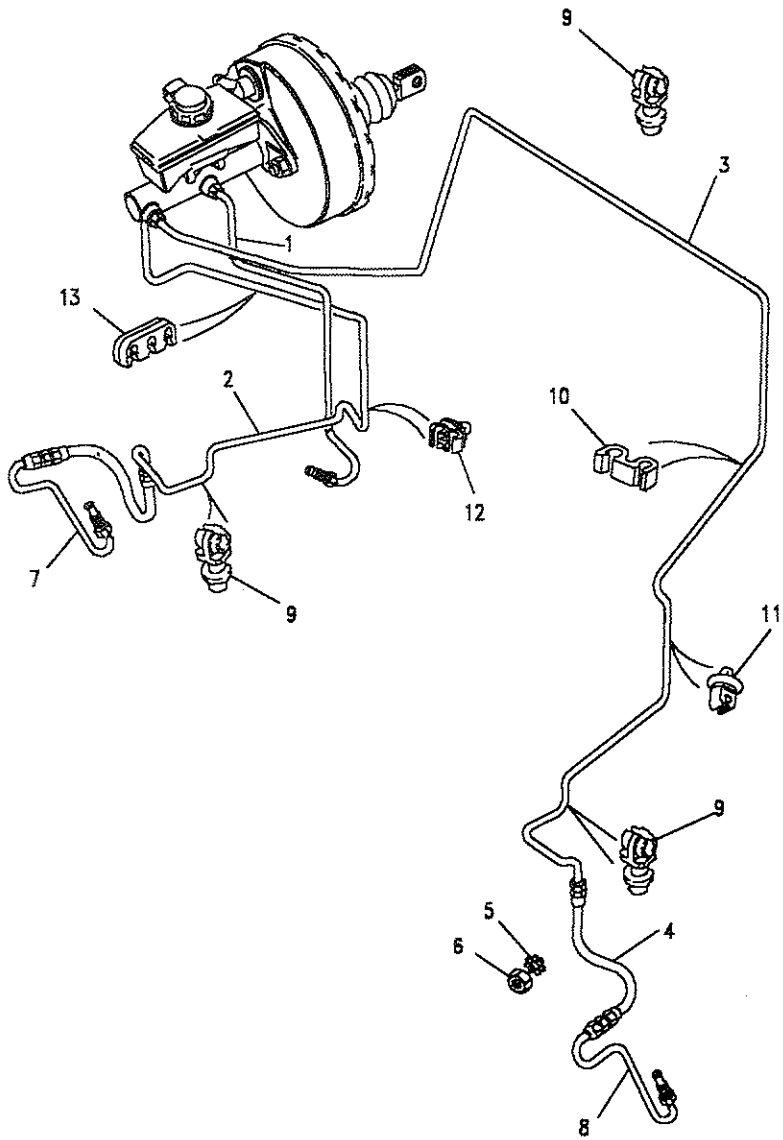
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 273532** | | | | |
| 1 | NRC8349 | Vacuum hose | 1 | LHS |
| | CRC2131 | Vacuum hose | 1 | RHS |
| 2 | MUC4865 | Tee piece | 1 | |
| 3 | CRC2131 | Vacuum hose-engine | 1 | 4 Cyl Petrol |
| | NRC8352 | Vacuum hose-engine | 1 | V8-LHS |
| | CRC2131 | Vacuum hose-engine | 1 | V8-RHS |
| | CRC2131 | Vacuum hose-pump | 1 | Diesel |
| | NTC3372 | Vacuum hose-pump | 1 | Diesel Turbo LHD |
| | NTC3372 | Vacuum hose 1395mm | 1 | 200Tdi LHS Upto VIN HA701009 |
| | NTC8592 | Vacuum hose LHS 1395mm | 1 | 200Tdi From HA701010 |
| 4 | MUC4866 | Vacuum hose | 1 | |
| 5 | MUC1679 | Vacuum tank | 1 | |
| 6 | AB606041L | Screw | 2 | |
| 7 | AK612011L | Nut spire | 2 | |
| 8 | MWC4854 | Vacuum hose | 1 | |
| 9 | 568680 | Cable tie | 3 | |
| 10 | CS600244L | Clamp hose | 4 | |




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## BRAKES - FRONT BRAKE PIPES

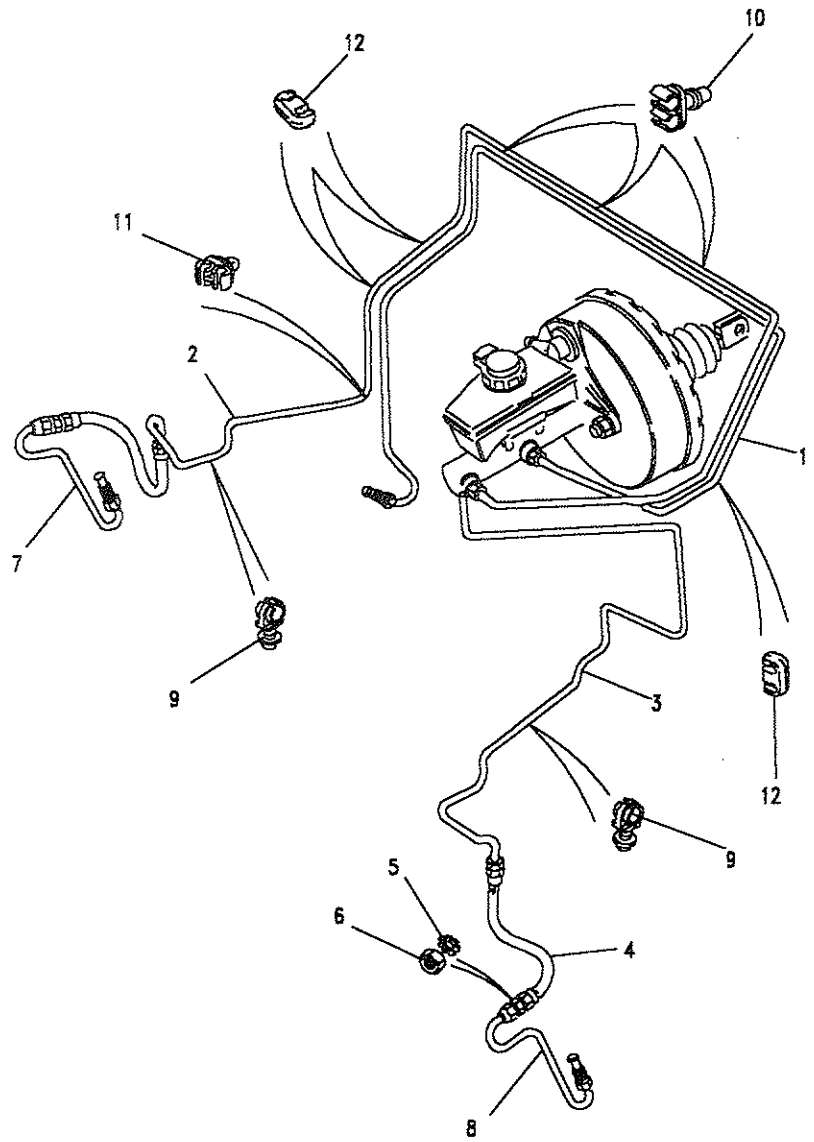
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **Upto VIN HA701009** | | | | |
| 1 | NRC9434 | Pipe brake-tee piece | 1 | RHS |
| | NRC9435 | Pipe brake-tee piece | 1 | LHS |
| 2 | NRC9432 | Pipe brake-G valve | 1 | RHS |
| | NRC9431 | Pipe brake-G valve | 1 | LHS |
| 3 | NRC4251 | Tee piece | 1 | |
| 4 | NRC9690 | Bracket support | 1 | RHS |
| 5 | NRC9683 | Bracket support | 1 | LHS |
| 6 | BH106061L | Bolt | 1 | |
| 7 | WC106041L | Washer plain | 1 | RHS |
| 8 | WL106001L | Washer spring | 1 | |
| 9 | NH106041L | Nut | 1 | |
| 10 | NRC9438 | Pipe brake-front RH | 1 | RHS |
| | NRC9437 | Pipe brake-front RH | 1 | LHS |
| 11 | NRC9436 | Pipe brake-front LH | 1 | RHS |
| | NRC9435 | Pipe brake-front LH | 1 | LHS |
| 12 | NRC7874 | Hose brake | 2 | |
| 13 | WF110001L | Washer shakeproof | 4 | |
| 14 | CRC1487 | Nut | 4 | |
| 15 | NRC9304 | Pipe brake-caliper | 1 | |
| | NRC9305 | Pipe brake-caliper | 1 | |
| 16 | CRC1250 | Pipe Clip | A/R | |
| 17 | 79125 | Pipe Clip | A/R | |
| 18 | AAU7803 | Pipe Clip | 2 | |
| 19 | NTC1175 | Pipe Clip | 1 | |
| 20 | NTC1176 | Pipe Clip | 1 | |
| 21 | ADU2003L | Pipe Clip | 1 | |




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**Page** ADHXCA2A

## BRAKES - FRONT BRAKE PIPES - RHS

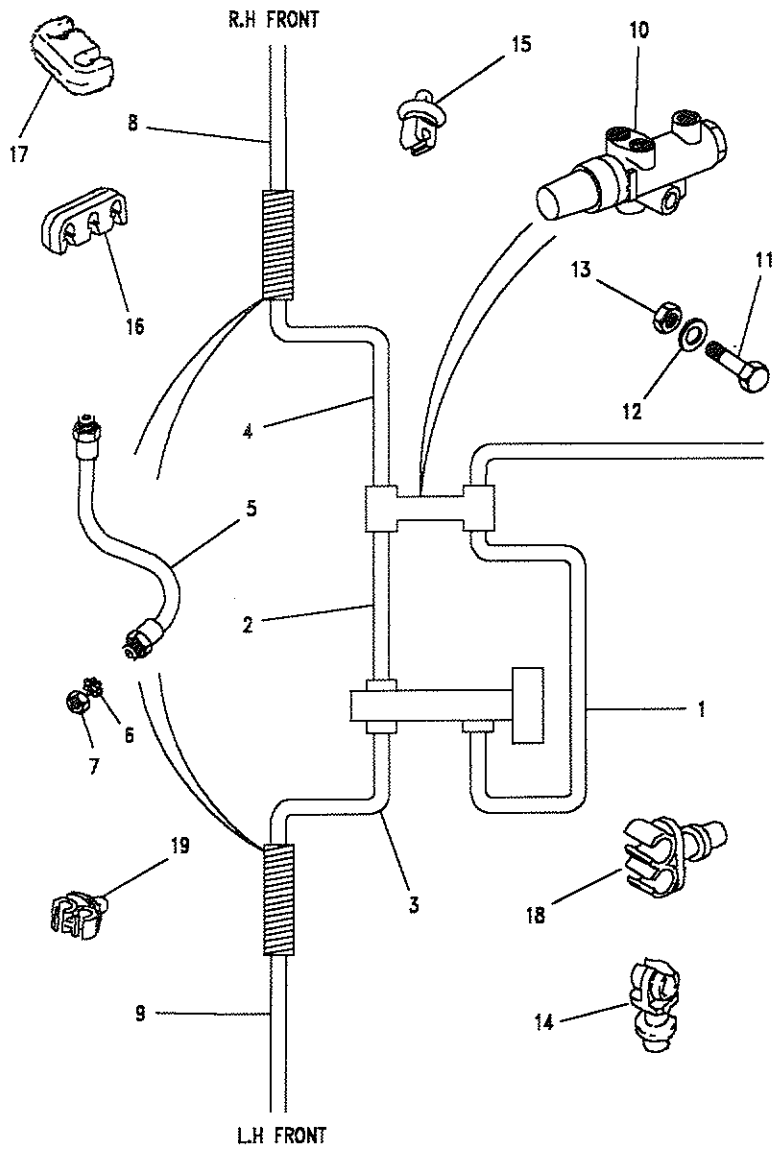
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **From VIN HA701010 - Upto VIN 930455** | | | | |
| 1 | NTC8452 | Pipe brake-G valve | 1 | |
| 2 | NTC5711 | Pipe brake-front RH | 1 | |
| 3 | NTC5709 | Pipe brake-front LH | 1 | |
| 4 | NRC7874 | Hose brake | 2 | |
| 5 | WF110001L | Washer shakeproof | 4 | |
| 6 | CRC1487 | Nut | 4 | |
| 7 | NRC9575 | Pipe brake-caliper RH | 1 | |
| 8 | NRC7799 | Pipe brake-caliper LH | 1 | |
| 9 | CRC1250L | Pipe Clip | 4 | |
| 10 | NTC1175 | Pipe Clip | 1 | |
| 11 | NTC1176 | Pipe Clip | 1 | |
| 12 | NTC1177 | Pipe Clip | 1 | |
| 13 | ADU8846L | Pipe Clip | 1 | |




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**BRAKES - FRONT BRAKE PIPES - LHS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **vehicles with front disc and rear drum brakes** | | | | |
| **From VIN HA701010 - Upto VIN 930455** | | | | |
| 1 | NTC8451 | Pipe brake-G valve | 1 | |
| 2 | NTC8450 | Pipe brake-front RH | 1 | |
| 3 | NTC5708 | Pipe brake-front LH | 1 | |
| 4 | NRC7874 | Hose brake | 2 | |
| 5 | WF110001L | Washer shakeproof | 4 | |
| 6 | CRC1487 | Nut | 4 | |
| 7 | NRC9575 | Pipe brake-caliper RH | 1 | |
| 8 | NRC7799 | Pipe brake-caliper LH | 1 | |
| 9 | CRC1250L | Pipe Clip | 2 | |
| 10 | 79127 | Pipe Clip | 3 | |
| 11 | NTC1177 | Pipe Clip | 1 | |
| 12 | AAU7803 | Pipe Clip | 3 | |

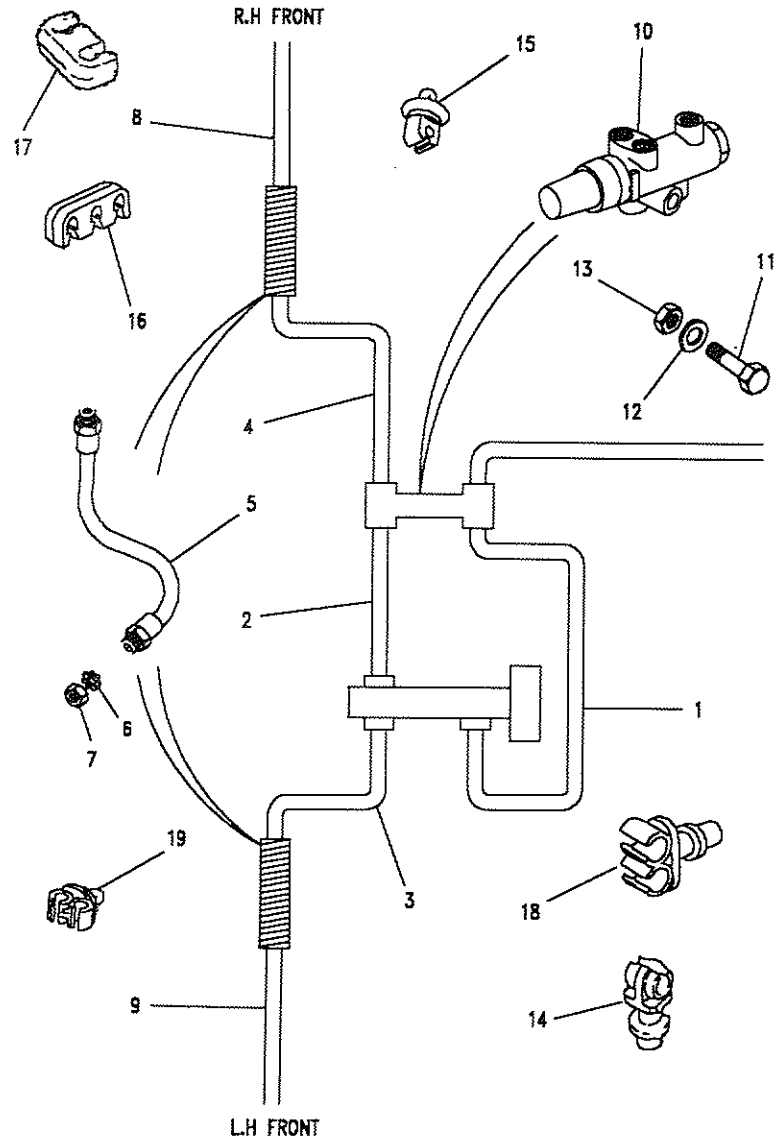



**Model** DEFENDER 90
**Page** ADHXCA4A

## BRAKES - FRONT BRAKE PIPES - FROM VIN LA930456

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | NTC7961 | Pipe brake -m/cyl to valve rear | 1 | RHS |
| | NTC7962 | Pipe brake -m/cyl to valve rear | 1 | LHS Note(3) |
| | ANR3770 | Pipe brake -m/cyl to valve rear | 1 | LHS Note(4) |
| 2 | NTC7968 | Pipe brake -m/cyl to valve front | 1 | RHS |
| | NTC7970 | Pipe brake -m/cyl to valve front | 1 | LHS |
| 3 | ANR2503 | Pipe brake -valve to front RH | 1 | |
| 4 | NTC9726 | Pipe brake -m/cyl to front LH | 1 | RHS |
| | NTC5708 | Pipe brake -m/cyl to front LH | 1 | LHS |
| 5 | NRC7874 | Hose brake | 2 | |
| 6 | WF110001L | Washer shakeproof | 4 | |
| 7 | CRC1487 | Nut | 4 | |
| 8 | NRC9575 | Pipe brake-caliper RH | 1 | Note(1) |
| | ANR2946 | Pipe brake-caliper RH | 1 | Note(2) |
| 9 | NRC7799 | Pipe brake-caliper LH | 1 | Note(1) |
| | ANR2947 | Pipe brake-caliper LH | 1 | Note(2) |

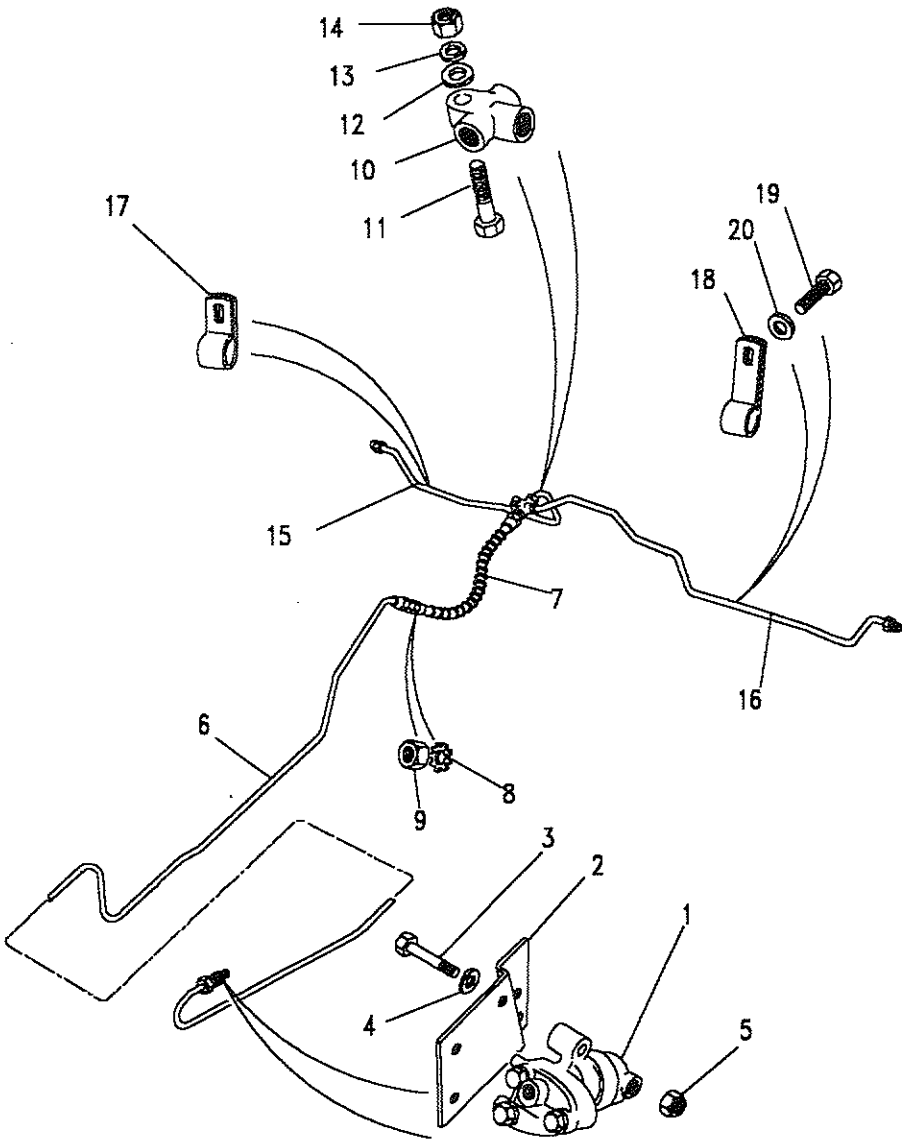
Note(1) Up to LA939975
Note(2) From MA939976
Note(3) Up to MA948860
Note(4) From MA948861




**Model** DEFENDER 90
**Page** ADHXCA4A

**BRAKES - FRONT BRAKE PIPES - FROM VIN LA930456**

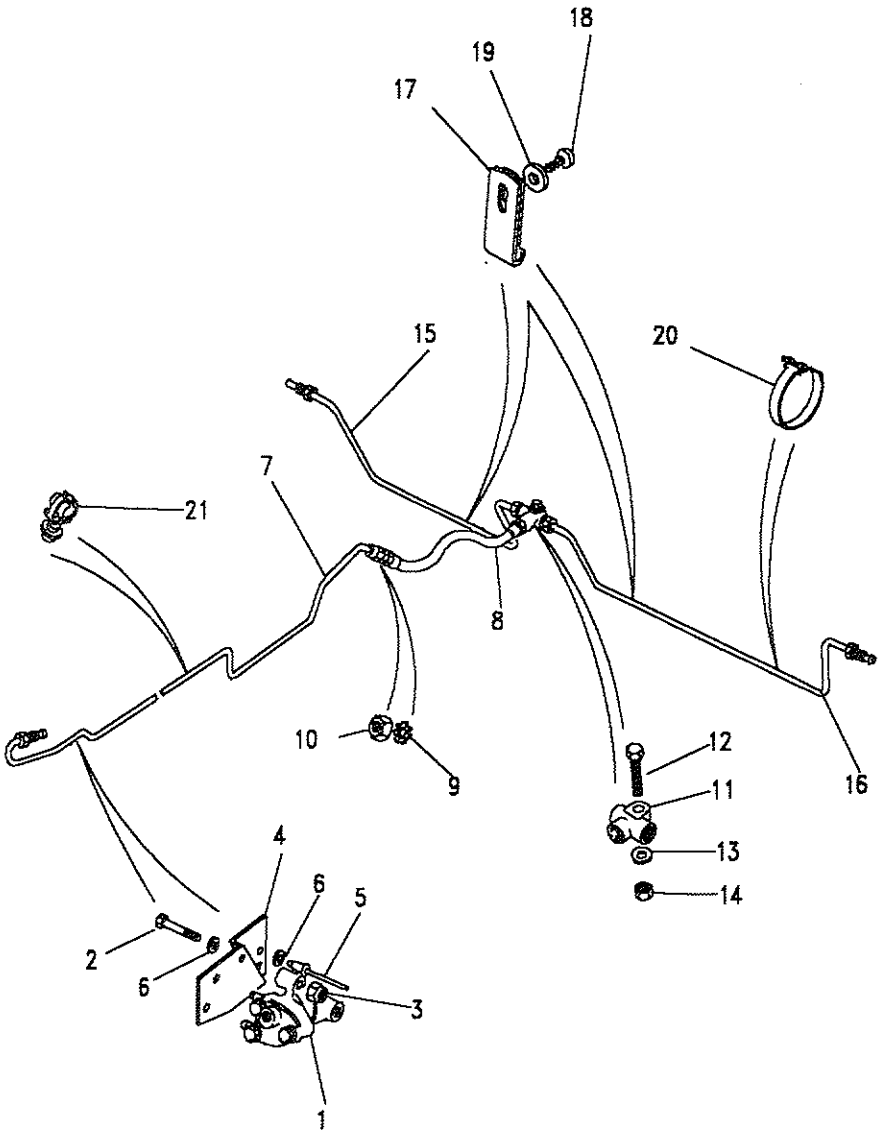
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 10 | NTC8836 | Valve brake 40PRF24 | 1 | |
| 11 | BH106091L | Bolt | 1 | |
| 12 | WL106001L | Washer spring | 1 | |
| 13 | NH106041L | Nut | 1 | |
| 14 | CRC1250L | Pipe clip single | 1 | RHS |
| 14 | CRC1250L | Pipe clip single | 2 | LHS |
| 15 | NTC1176 | Pipe clip single | 1 | |
| 16 | ADU8846L | Pipe clip triple | 1 | RHS |
| 17 | AAU7803 | Pipe clip double | 2 | RHS |
| | AAU7803 | Pipe clip double | 3 | LHS |
| 18 | 79127 | Pipe clip double | 3 | LHS |
| 19 | NTC1177 | Pipe clip double | 1 | LHS |




**Model** DEFENDER 90
**Page** ADHXEA1A

## BRAKES - REAR BRAKE PIPES

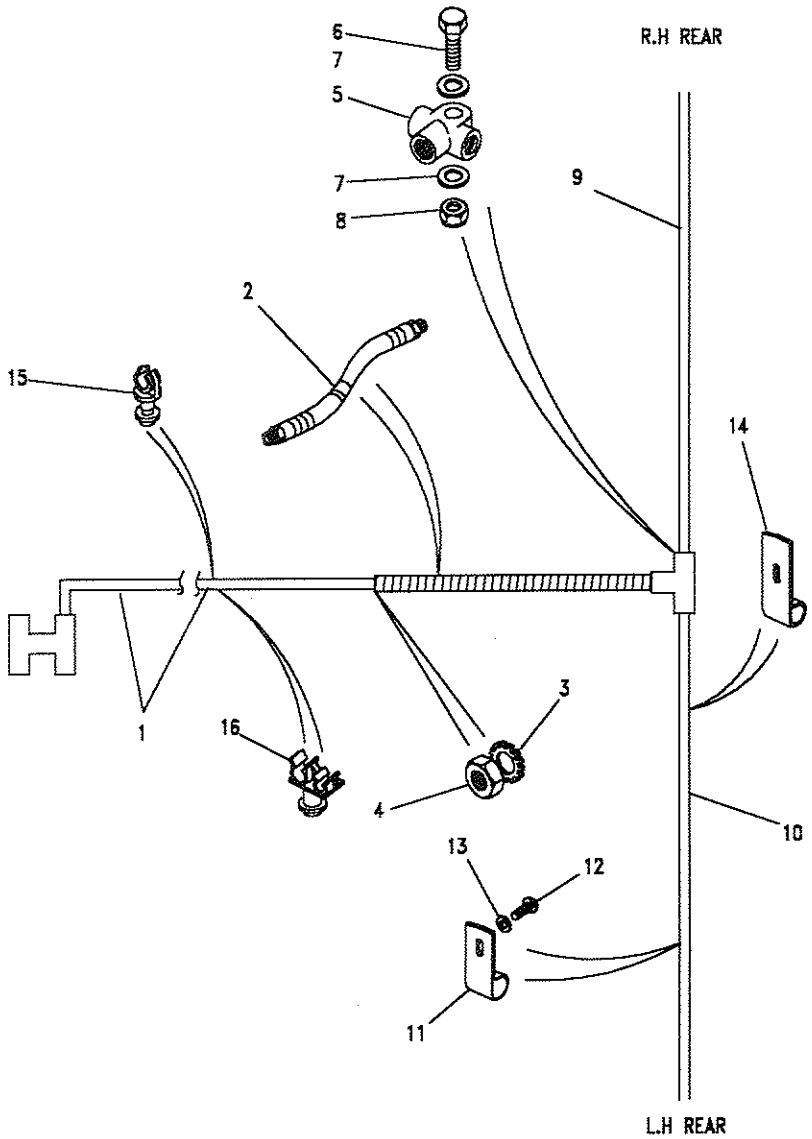
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | **Vehicles with front disc and rear drum brakes** | | | |
| | **Upto VIN HA701009** | | | |
| 1 | NRC8215 | G Valve | 1 | |
| 2 | NRC8897 | Bracket support | 1 | |
| 3 | BH108091L | Bolt | 1 | |
| 4 | WA108051L | Washer plain | 1 | |
| 5 | NY108041L | Nut | 1 | |
| 6 | NTC1636 | Pipe brake rear | 1 | |
| 7 | NRC9455 | Hose brake | 1 | |
| 8 | WF110001L | Washer shakeproof | 1 | |
| 9 | CRC1487 | Nut | 1 | |
| 10 | NRC4251 | Tee piece | 1 | |
| 11 | BH106061L | Bolt | 1 | |
| 12 | WC106041L | Washer plain | 1 | |
| 13 | WL106001L | Washer spring | 1 | |
| 14 | NH106041L | Nut | 1 | |
| 15 | NRC8902 | Pipe brake rear RH | 1 | |
| 16 | NRC9757 | Pipe brake rear LH | 1 | |
| 17 | 577873 | Pipe Clip | 2 | |
| 18 | 11820L | Pipe Clip | 1 | |
| 19 | 79004 | Screw | 3 | Upto VIN 341764 |
| | SL510031 | Screw | 3 | From VIN 341765 |
| 20 | WC702101L | Washer plain | 3 | |




**Model** DEFENDER 90
**Page** ADHXEA2A

**BRAKES - REAR BRAKE PIPES**

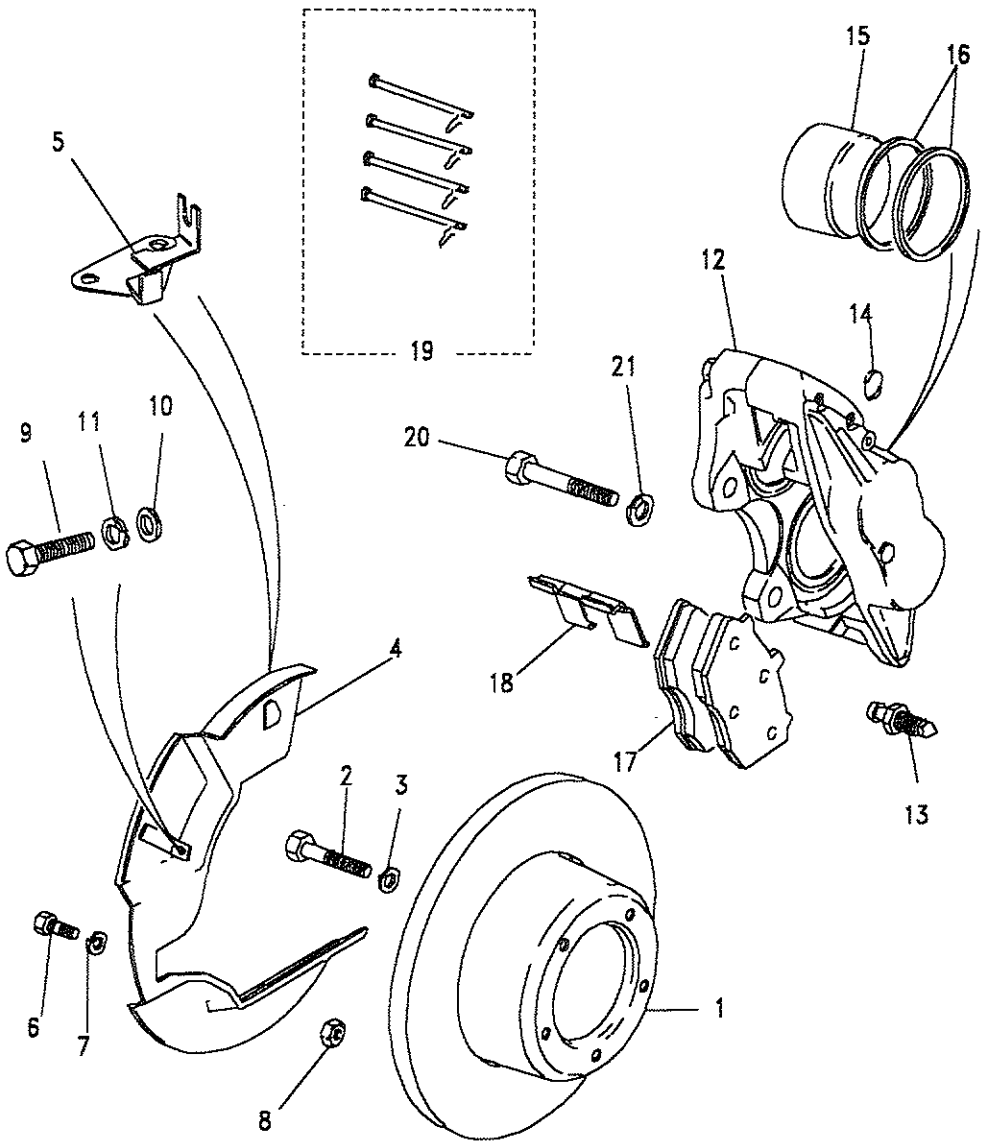
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front disc and rear drum brakes** | | | | |
| **From VIN HA701010 - Upto VIN 930455** | | | | |
| 1 | NRC8215 | G Valve | 1 | |
| 2 | BH108091L | Bolt | 1 | |
| 3 | NY108041L | Nut | 1 | |
| 4 | NRC8897 | Bracket support | 1 | |
| 5 | RA612207L | Rivet | 2 | |
| 6 | 2266L | Washer plain | 2 | |
| 7 | NTC1636 | Pipe brake rear | 1 | |
| 8 | NRC9455 | Hose brake | 1 | |
| 9 | WF110001L | Washer shakeproof | 1 | |
| 10 | CRC1487 | Nut | 1 | |
| 11 | NRC4251 | Tee piece | 1 | |
| 12 | BH106061L | Bolt | 1 | |
| 13 | WA106041L | Washer plain | 2 | |
| 14 | NH106041L | Nut | 1 | |
| 15 | NRC8902 | Pipe brake-rear RH | 1 | |
| 16 | NRC9757 | Pipe brake-rear LH | 1 | |
| 17 | 577873 | Clip | 2 | |
| 18 | SL510031 | Screw | 2 | |
| 19 | WC702101L | Washer plain | 2 | |
| 20 | 11820L | Clip | 1 | |
| 21 | CRC1250L | Pipe Clip | 5 | |




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**Page** ADHXEA3A

## BRAKES - REAR BRAKE PIPES - FROM VIN MA930457

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | ANR2775 | Pipe brake-valve to rear | 1 | |
| 2 | NRC9455 | Hose brake | 1 | |
| 3 | WF110001L | Washer shakeproof | 1 | |
| 4 | CRC1487 | Nut | 1 | |
| 5 | NRC4251 | Tee piece | 1 | |
| 6 | BH106061L | Bolt | 1 | |
| 7 | WA106041L | Washer plain | 2 | |
| 8 | NH106041L | Nut | 1 | |
| 9 | NTC7676 | Pipe brake-rear RH | 1 | |
| 10 | NTC7689 | Pipe brake-rear LH | 1 | |
| 11 | NTC8242 | Pipe clip double | 3 | |
| 12 | AB610041L | Screw | 2 | |
| 13 | WC702101L | Washer plain | 2 | |
| 14 | NTC8243 | Clip double | 3 | |
| 15 | CRC1250L | Pipe clip single | 2 | |
| 16 | 79127 | Pipe clip double | 2 | |

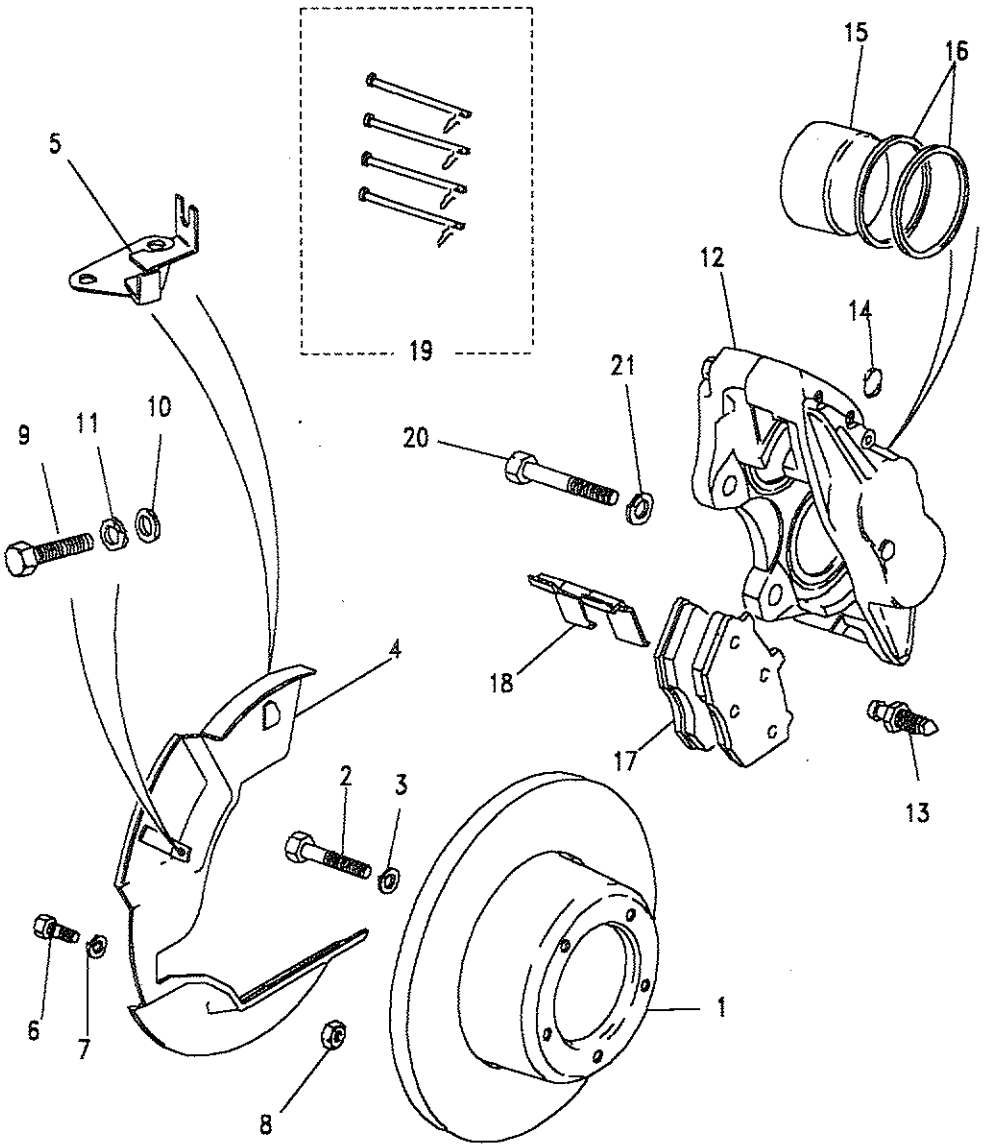



**Model** DEFENDER 90
**Page** ADHXGA1A

**BRAKES - FRONT BRAKES - UPTO VIN 930455**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **vehicles with front disc and rear drum brakes** | | | | |
| 1 | FRC7329 | Disc brake | 1 | |
| 2 | AFU1180 | Bolt | 10 | |
| 3 | WL110001L | Washer spring | 10 | |
| 4 | FRC6402 | Mudshield brake RH | 1 ) | |
| | FRC6403 | Mudshield brake LH | 1 ) | Note(1) |
| | FTC3278 | Mudshield brake RH | 1 | ) |
| | FTC3279 | Mudshield brake LH | 1 | )Note(2) |
| 5 | FRC7202 | Bracket retaining RH | 1 | |
| | FRC7201 | Bracket retaining LH | 1 | |
| 6 | SH106121L | Screw | 2 | |
| 7 | WL106001L | Washer spring | 2 | |
| 8 | NH106041L | Nut | 2 | |
| 9 | SH106121L | Screw | 2 | |
| 10 | WL106001L | Washer spring | 2 | |
| 11 | WA106041L | Washer plain | 2 | |

Note(1) Up to 22L12545C - RHS, 23L16310C - LHS
Note(2) From 22L12546C - RHS, 23L16311C - LHS

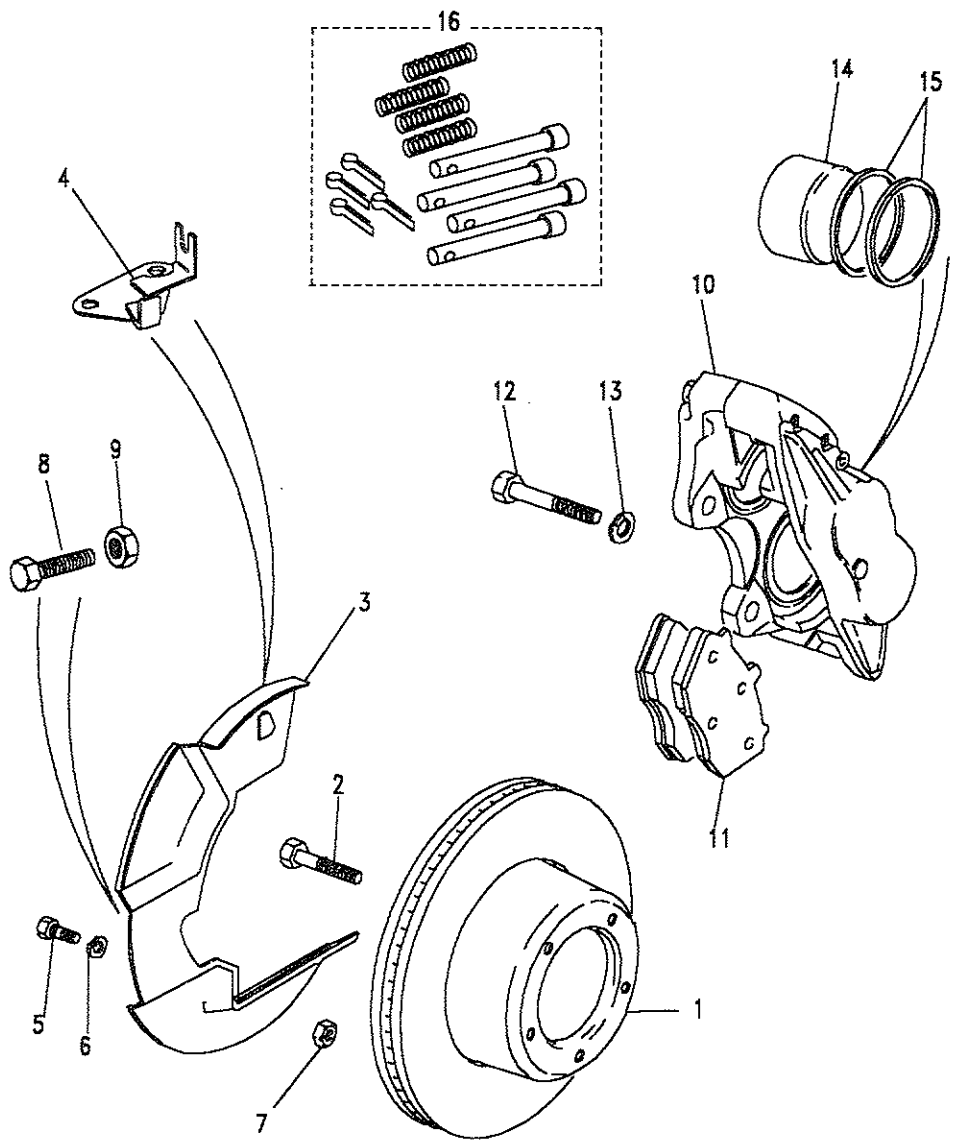



**Model** DEFENDER 90
**Page** ADHXGA1A

## BRAKES - FRONT BRAKES - UPTO VIN 930455

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 12 | RTC3380 | Caliper brake RH | 1 | Note(1) (3) |
| | RTC4998 | Caliper brake RH | 1 | Note(2) (4) |
| | RTC5572 | Caliper brake RH | 1 | From VIN HA701010 |
| | RTC3381 | Caliper brake LH | 1 | Note(1) (3) |
| | RTC4999 | Caliper brake LH | 1 | Note(2) (4) |
| | RTC5573 | Caliper brake LH | 1 | From VIN HA701010 |
| 13 | RTC1526 | Screw bleed | 2 | |
| 14 | 17H8764L | Seal fluid channel | 4 | |
| 15 | 606683 | Piston caliper | 4 | Upto VIN HA701009 |
| | STC201 | Piston caliper | 4 | From VIN HA701010 |
| 16 | AEU1547 | Kit caliper repair | 2 | Upto VIN HA701009 |
| | AEU2539 | Kit caliper repair | 2 | From VIN HA701010 |
| 17 | RTC3163 | Brake pad-axle set | 1 | Note(1) (3) |
| | RTC5756 | Brake pad-axle set | 1 | Note(2) (4) Upto VIN HA701009 |
| | RTC5574 | Brake pad-axle set | 1 | From VIN HA701010 |
| 18 | 606688 | Spring anti rattle | 4 | Note(1) (3) |
| 19 | RTC5001 | Retention kit | 1 | Note(2) (4) |
| 20 | AFU1031 | Bolt | 2 | |
| 21 | WL112001L | Washer spring | 4 | |

Note(1) Axle No Upto 22L09654 RHS, 23L05987 LHS
Note(2) Axle No From 22L09655 to 10191 RHS, 23L05988 to 06059 LHS
Note(3) Axle No From 22L10192 to 10271 RHS, 23L06060 to 06078 LHS
Note(4) Axle No From 22L10272 RHS, 23L06079 LHS - Upto VIN HA701009

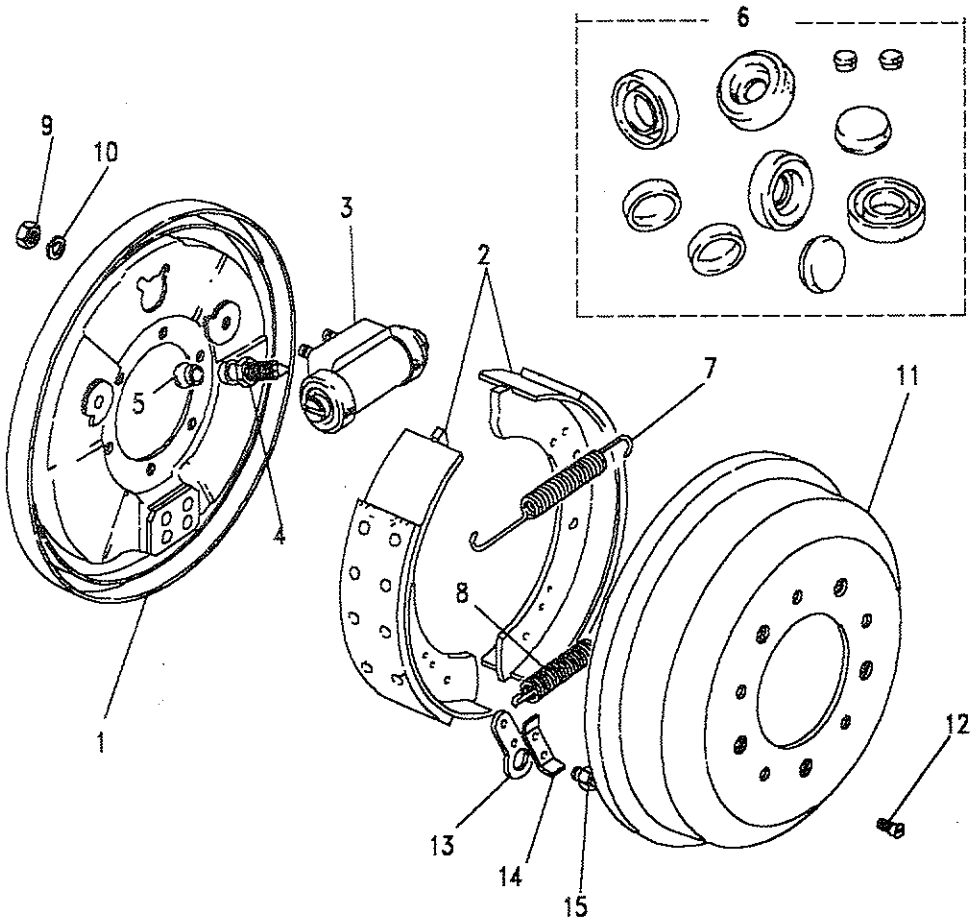



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**Page** ADHXGA2A

**BRAKES - FRONT BRAKES - FROM VIN LA930456**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with front and rear disc brakes** | | | | |
| 1 | FRC7329 | Disc brake | 2 | Note(1) |
| | FTC902 | Disc brake vented | 2 | Note(2) |
| 2 | FTC1368 | Special bolt | 10 | |
| 3 | FTC3278 | Mudshield brake RH | 1 | |
| | FTC3279 | Mudshield brake LH | 1 | |
| 4 | FRC7202 | Bracket retaining RH | 1 | |
| | FRC7201 | Bracket retaining LH | 1 | |
| 5 | SH106121L | Flange screw | 2 | |
| 6 | WA106041L | Washer plain | 2 | |
| 7 | NH106045 | Nut | 2 | |
| 8 | SH112505 | Screw | 2 | |
| 9 | NT112041L | Nut | 2 | |
| 10 | STC1262 | Caliper brake RH -less pads | 1 | Note(1) |
| | STC1263 | Caliper brake LH -less pads | 1 | Note(1) |
| | STC1266 | Caliper brake RH -less pads | 1 | Note(2) |
| | STC1267 | Caliper brake LH -less pads | 1 | Note(2) |
| 11 | STC1275 | Brake pad axle set | 1 | |
| 12 | FTC3375 | Bolt caliper M12 x 35 | 4 | |
| 13 | WL112001L | Washer spring | 4 | |
| 14 | STC1280 | Kit caliper piston | 1 | |
| 15 | AEU2539 | Kit caliper repair | 1 | |
| 16 | RTC6799 | Kit pad retention | 1 | |

Note(1) 4 Cylinder
Note(2) 4 Cylinder Heavy Duty and V8

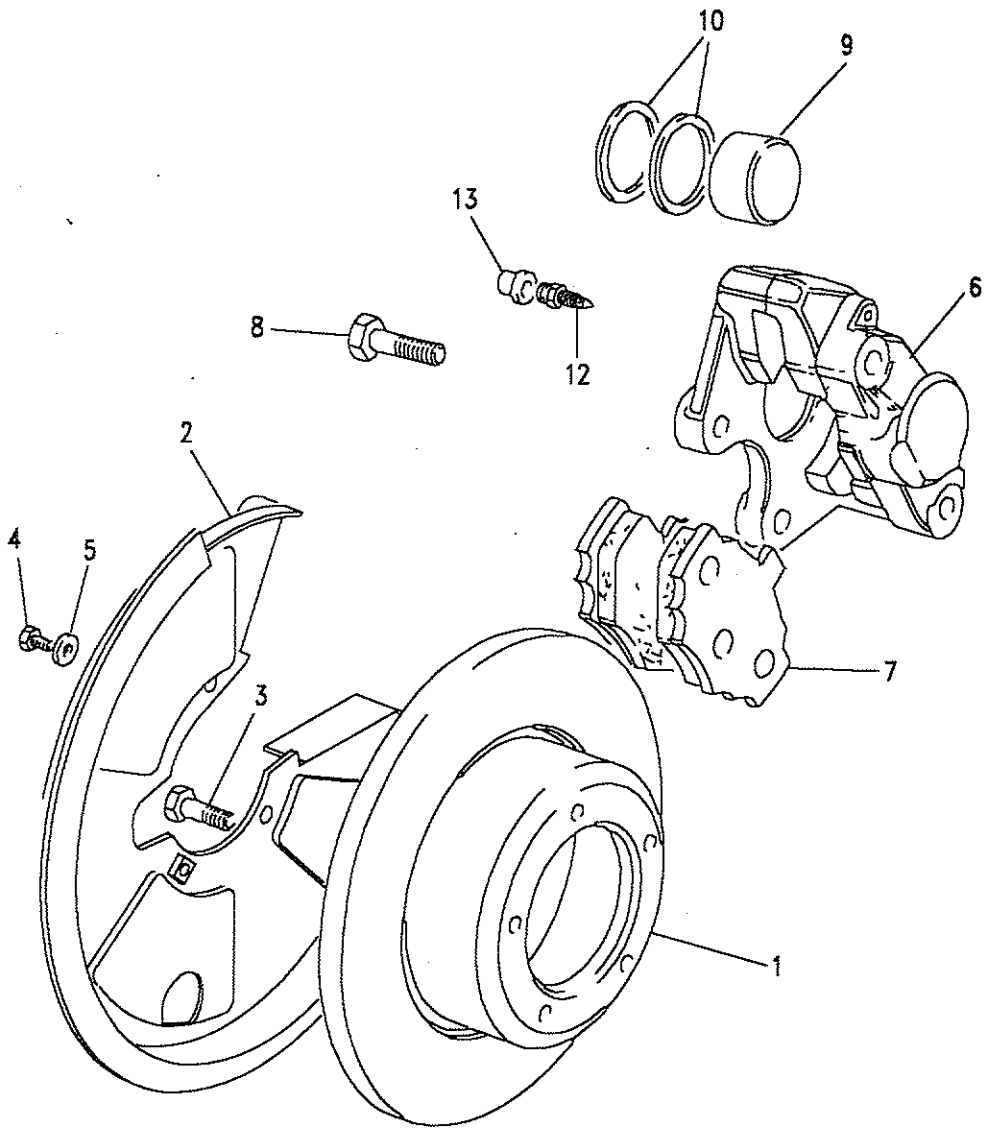



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## BRAKES - REAR DRUM BRAKES - UPTO VIN 930455

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC3166 | Backplate RH | 1 | |
| | RTC3167 | Backplate LH | 1 | |
| 2 | RTC3171 | Brakeshoe axle set | 1 | |
| 3 | RTC3168 | Cylinder wheel RH | 1 | Upto Note(1) |
| | RTC3169 | Cylinder wheel LH | 1 | Upto Note(1) |
| | STC468 | Cylinder wheel RH | 1 | From Note(2) |
| | STC467 | Cylinder wheel LH | 1 | From Note(2) |
| 4 | RTC1115 | Screw bleed | 2 | Upto Note(1) |
| 5 | 234957 | Dust cap | 2 | |
| 6 | RTC3170 | Repair kit cylinder wheel | 2 | Upto Note(1) |
| | STC469 | Repair kit cylinder wheel | 2 | From Note(2) |
| 7 | 503981 | Spring shoe return | 2 | |
| 8 | 218983 | Spring shoe return | 2 | |
| 9 | NH605041L | Nut | 4 | |
| 10 | WM600051L | Washer spring | 4 | |
| 11 | 591039 | Drum brake | 2 | |
| 12 | SA108161 | Screw | 2 | |
| 13 | 236993 | Anchor | 2 | |
| 14 | 236995 | Plate locking | 2 | |
| 15 | 238542 | Bolt | 4 | Upto Note(1) |
| | RTC207 | Bolt | 4 | From Note(2) |

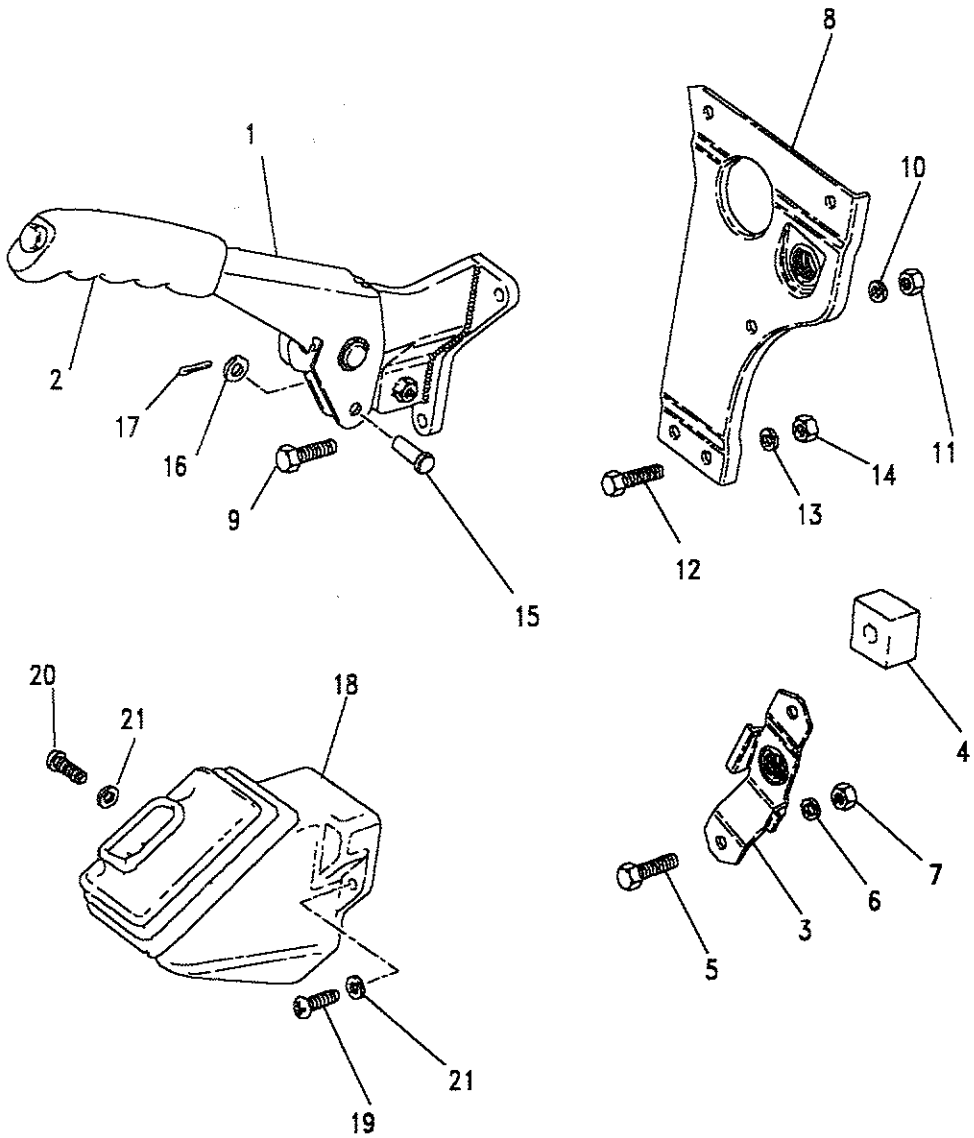
Note(1) Axle Number 22S/23S 07618C, VIN HA701009
Note(2) Axle Number 22S/23S 07619D, VIN HA701010




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**BRAKES - REAR DISC BRAKES - FROM VIN LA930456**

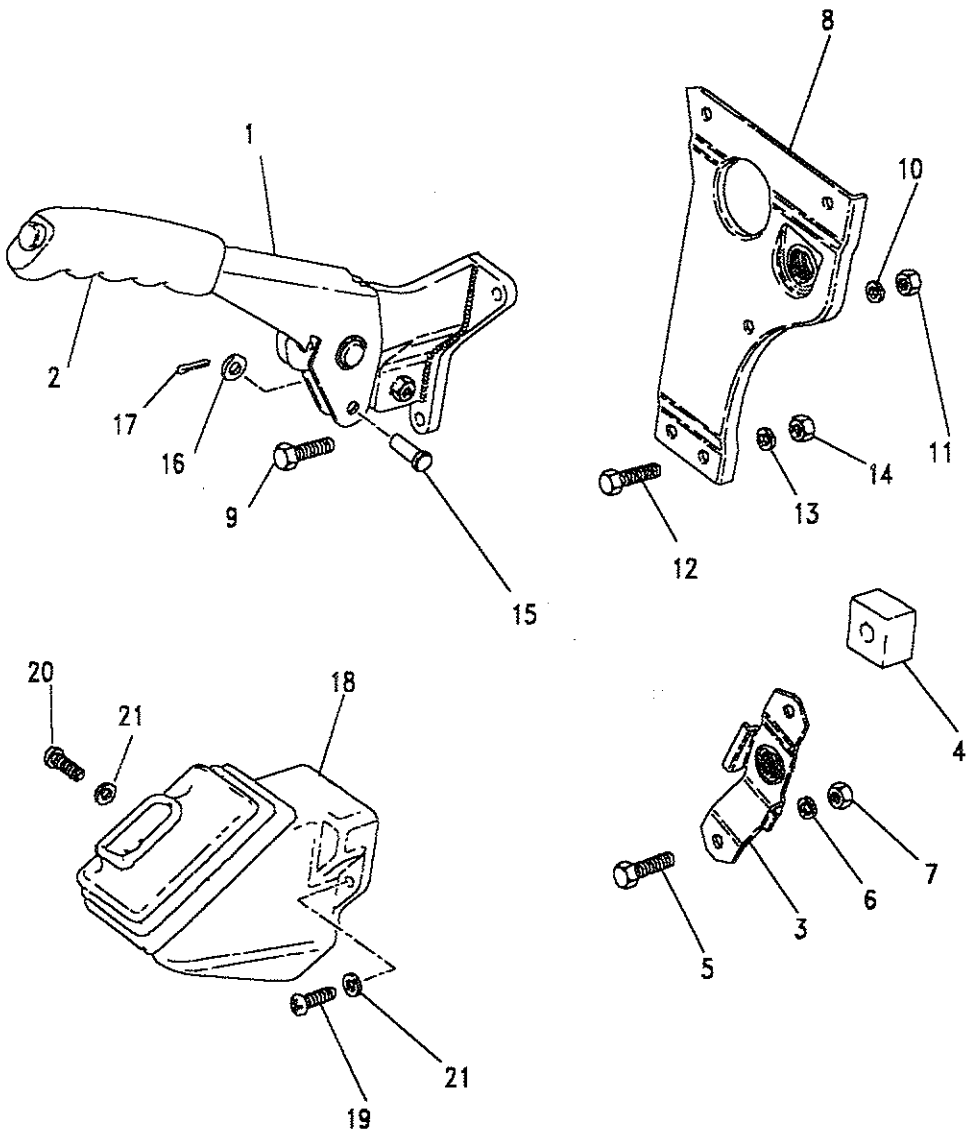
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC1381 | Disc brake | 2 | |
| 2 | FTC3320 | Mudshield RH | 1 | |
| | FTC3321 | Mudshield LH | 1 | |
| 3 | FTC1368 | Bolt | 10 | |
| 4 | FS106201L | Screw | 6 | |
| 5 | 2215L | Washer plain | 6 | |
| 6 | STC1264 | Caliper brake RH | 1 | Less pads |
| | STC1265 | Caliper brake LH | 1 | Less pads |
| 7 | STC1276 | Brake pad axle set | 1 | |
| 8 | FTC3375 | Bolt | 4 | |
| 9 | STC1279 | Kit caliper piston | 1 | |
| 10 | 8G8587L | Kit caliper repair | 1 | |
| | AEU1861 | Anti-rattle springs | 4 | |
| 11 | FTC3299 | Bracket mounting | 2 | |
| 12 | RTC1526 | Bleed nipple | 2 | |
| 13 | 594091 | Dust cover | 2 | |




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**BRAKES - HANDBRAKE LEVER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC9123 | Handbrake assembly-RHS | 1 | Upto VIN 232762 |
| | NTC1557 | Handbrake assembly-RHS | 1 | From VIN 232763 Upto LA935629 |
| | ANR3692 | Handbrake assembly-RHS | 1 | From LA935630 |
| | NRC9115 | Handbrake assembly-LHS | 1 | Up to LA935629 |
| | ANR3693 | Handbrake assembly-LHS | 1 | From LA935630 |
| 2 | NRC2744 | Grip handbrake | 1 | |
| **4 Cylinder also V8 from VIN HA456187** | | | | |
| 3 | NRC7984 | Plate abutment | 1 | |
| 4 | NRC6795 | Seal | 1 | |
| 5 | FS108251L | Screw | 2 | |
| 6 | WL108001L | Washer spring | 2 | |
| 7 | FN108041L | Nut | 2 | |

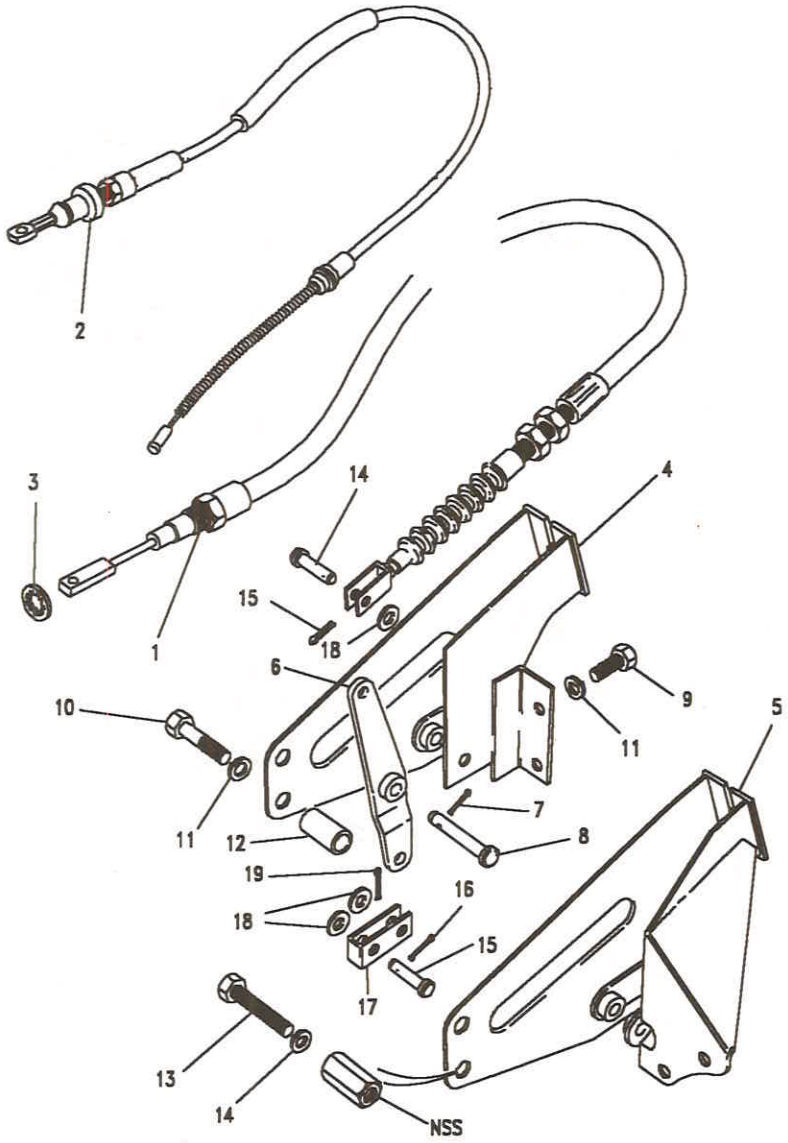



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**BRAKES - HANDBRAKE LEVER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **V8 upto VIN456186** | | | | |
| 8 | NTC1224 | Stiffener heelboard-RHS | 1 | |
| | NRC6653 | Stiffener heelboard-LHS | 1 | |
| 9 | FS108251L | Screw | 2 | |
| 10 | WL108001L | Washer spring | 2 | |
| 11 | FN108041L | Nut | 2 | |
| 12 | FS108251L | Screw | 3 | |
| 13 | WL108001L | Washer spring | 3 | |
| 14 | FN108041L | Nut | 3 | |
| **All Variants** | | | | |
| 15 | PC108291L | Pin clevis | 1 | |
| 16 | WA108051L | Washer plain | 1 | |
| 17 | PS104127L | Pin split | 1 | |
| 18 | MRC9570 | Cover handbrake | 1 | RHS |
| | MRC9571 | Cover handbrake | 1 | LHS |
| 19 | AR608041 | Screw | 2 ) | |
| 20 | SE105201L | Screw | 1 ) | |
| 21 | WA105001L | Washer plain | 3 ) | Note(1) |
| 19 | AFU1897LDE | Drive fastener | 2 | ) |
| 20 | MWC3136 | Snapsac | 1 | )Note(2) |

Note(1) Up to LA935629
Note(2) From LA935630

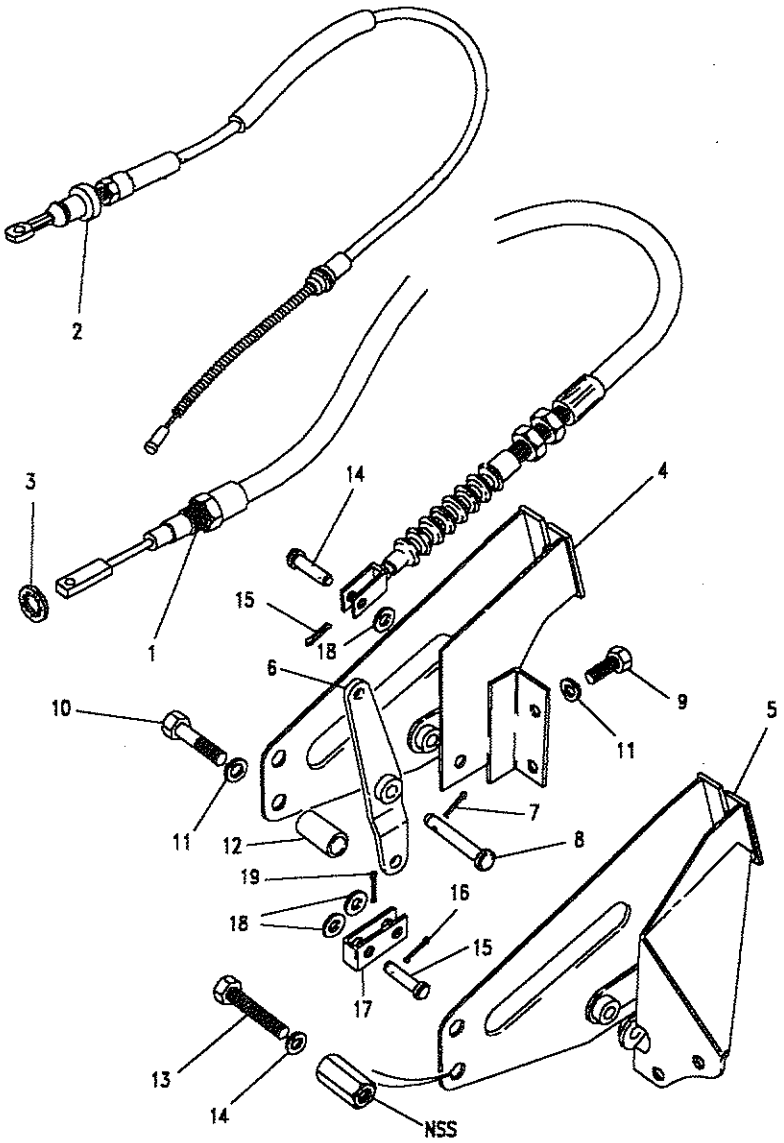



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## BRAKES - HANDBRAKE CABLE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5088 | Cable handbrake | 1 | RHS ) |
| | NRC5089 | Cable handbrake | 1 | LHS )Note(1) |
| 2 | STC1530 | Cable handbrake | 1 | Note(2) |
| 3 | WF116001L | Washer shakeproof | 1 | |
| 4 | NRC8059 | Carrier | 1 | 4 cylinder Upto VIN HA701009 |
| | NTC1643 | Carrier | 1 | 4 cylinder From VIN HA701010 |
| 5 | NTC1643 | Carrier | 1 | V8 |
| 6 | NRC7044 | Lever | 1 | |
| 7 | PS104161 | Pin split | 1 | |
| 8 | NRC5104 | Pin | 1 | |
| 9 | FS108251L | Screw | 2 | )4 Cylinder |
| 10 | BH108091L | Bolt | 2 | )Upto VIN |
| 11 | WL108001L | Washer spring | 4 | )HA701009 |
| 12 | NRC7124 | Spacer | 2 | ) |
| 13 | SH606061L | Screw | 2 | )V8 & 4 Cyl |
| 14 | WM600061L | Washer spring | 2 | )From VIN )HA701010 |

Note(1) Up to LA935629
Note(2) From LA935630




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**Page** ADHXMA2A

**BRAKES - HANDBRAKE CABLE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 15 | PC108291L | Pin clevis | 1 | |
| 16 | PS104127L | Pin split | 1 | |
| 17 | NRC7648 | Clevis | 1 | |
| 18 | WA108051L | Washer plain | 2 | |
| 19 | PS104127L | Pin split | 2 | |
| | NRC9492 | Clip-anti rattle-RHS | 1 | ) |
| | 78248 | Rivet-RHS | 1 | ) |
| | AEU1446 | Clip-anti rattle-LHS | 1 | )Upto 1991MY |
| | SE105161 | Screw | 1 | ) |
| | WL105001L | Washer spring | 1 | ) |
| | NH105041 | Nut | 1 | ) |
| | AUE1446 | Clip | 1 | )From 1991MY |
| | 78248 | Rivet | 1 | ) |

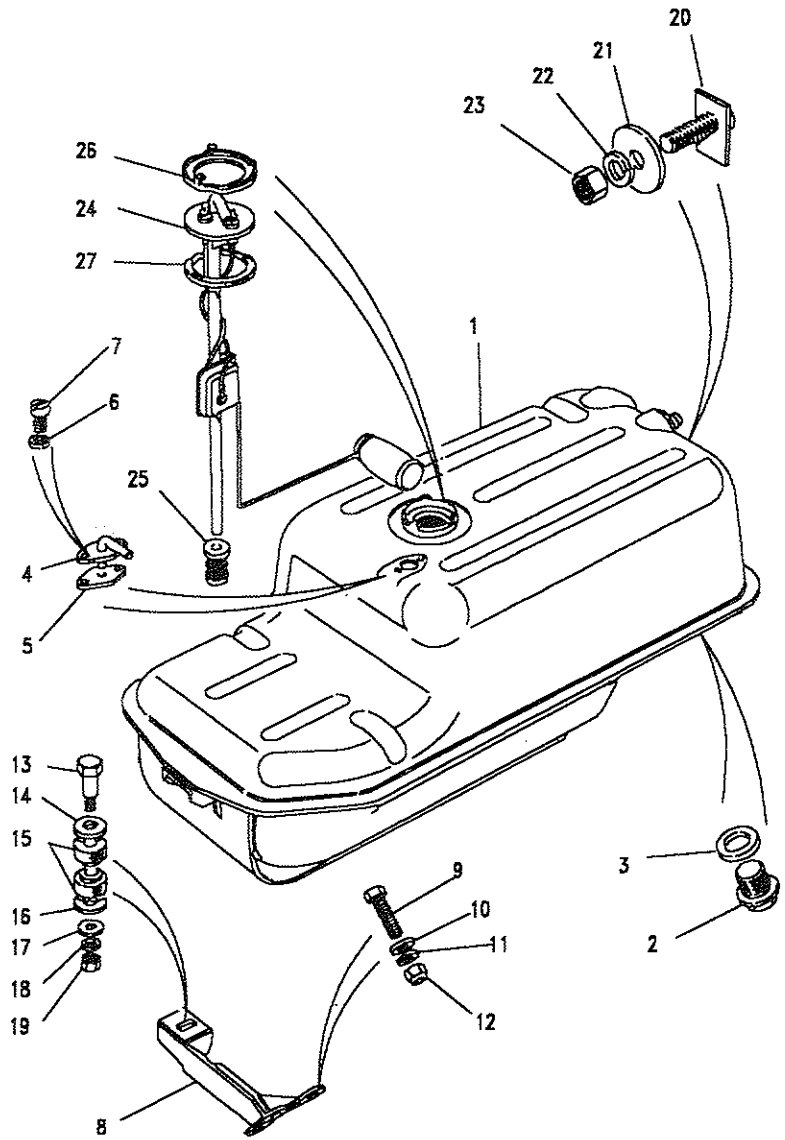
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GROUP J

FUEL SYSTEM AND AIR CLEANER

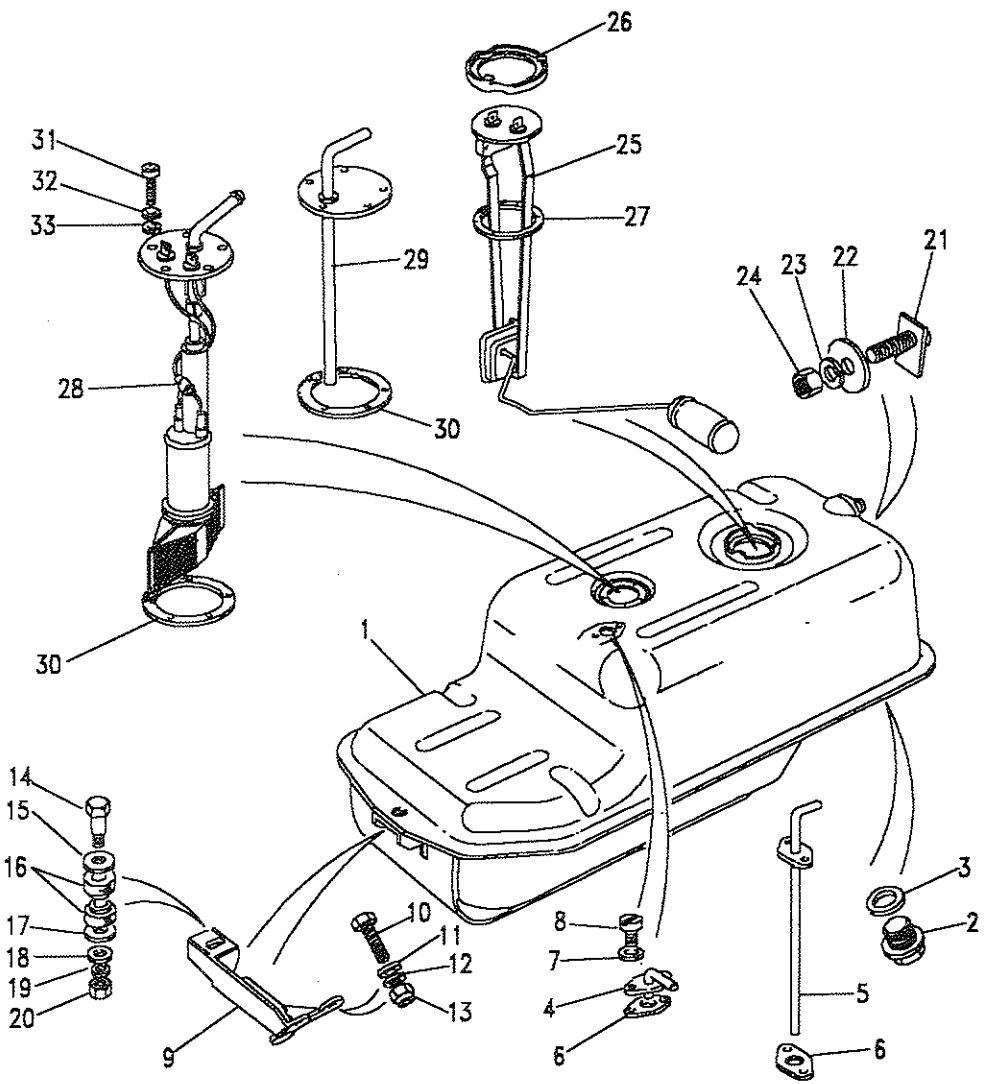

| | |
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**FUEL SYSTEM - FUEL TANK**

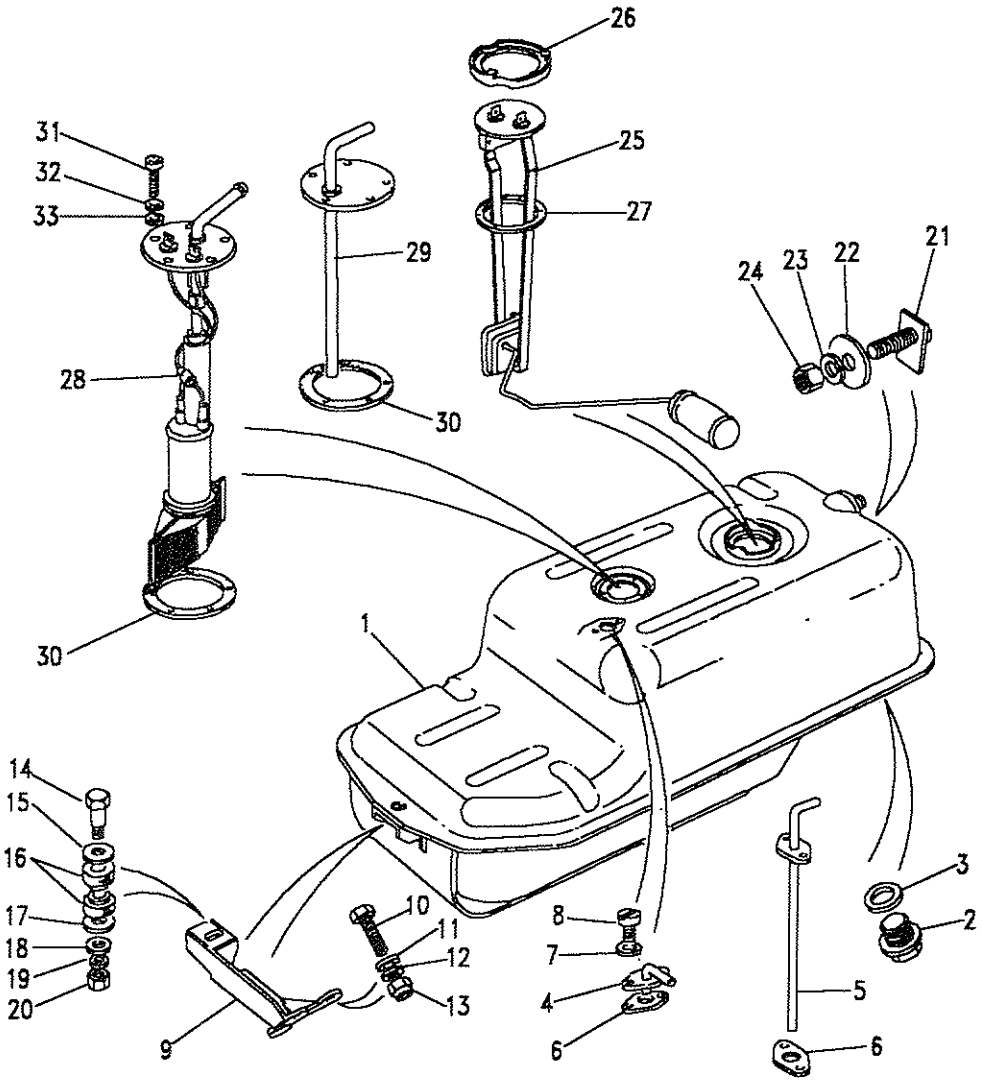
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 243342** | | | | |
| 1 | NRC9225 | Tank fuel | 1 | 12 gallon |
| 2 | NRC62 | Plug drain | 1 | |
| 3 | 243958 | Washer | 1 | |
| 4 | NRC9543 | Pipe fuel return | 1 | |
| 5 | 267837 | Washer joint | 1 | Upto MA948143 |
| | ESR3277 | Washer joint | 1 | From MA948144 |
| 6 | 3101 | Washer spring | 2 | |
| 7 | 3972 | Screw | 2 | |
| 8 | NRC9474 | Bracket mounting | 1 | |
| 9 | SH108401L | Bolt | 3 | |
| 10 | WA108051L | Washer plain | 3 | |
| 11 | WL108001L | Washer spring | 3 | |
| 12 | NY108041L | Nut | 3 | |
| 13 | NRC4765 | Bolt | 1 | |
| 14 | 2265L | Washer plain | 1 | |
| 15 | 90508545 | Bush rubber | 2 | |
| 16 | WP185L | Washer plain | 1 | |
| 17 | WA108051L | Washer plain | 1 | |
| 18 | WL108001L | Washer spring | 1 | |
| 19 | FN108041L | Nut | 1 | |
| 20 | NRC9682 | Boltplate | 2 | |
| 21 | WC108051L | Washer plain | 4 | |
| 22 | WL108001L | Washer spring | 2 | |
| 23 | FN108041L | Nut | 2 | |
| 24 | PRC4262 | Fuel level unit | 1 | |
| 25 | PRC2476 | Filter | 1 | |
| 26 | ARA1501L | Ring locking | 1 | |
| 27 | ARA1502L | Ring sealing | 1 | |




**Model** DEFENDER 90
**Page** ADJXAA2A

**FUEL SYSTEM - FUEL TANK**

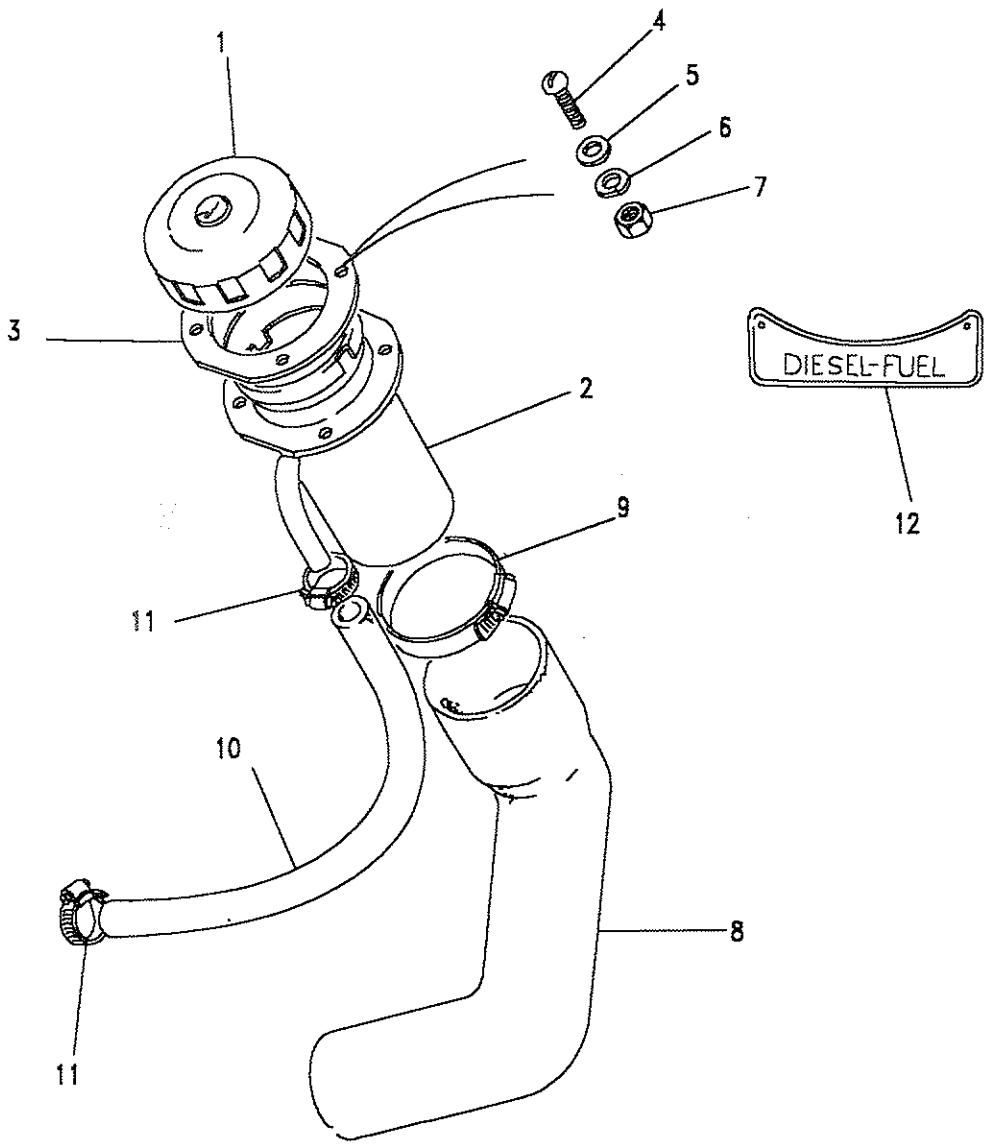
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 243343** | | | | |
| 1 | NTC2088 | Tank fuel | 1 | 12 gallon |
| 2 | NRC62 | Plug drain | 1 | |
| 3 | 243958 | Washer | 1 | |
| 4 | NRC9543 | Pipe fuel return | 1 | Petrol |
| 5 | NRC9678 | Pipe fuel return | 1 | Diesel |
| 6 | 267837 | Washer joint | 1 | |
| 7 | 3101 | Washer spring | 2 | |
| 8 | 3972 | Screw | 2 | |
| 9 | NRC9474 | Bracket mounting | 1 | |
| 10 | SH108401L | Screw | 3 | |
| 11 | WA108051L | Washer plain | 3 | |
| 12 | WL108001L | Washer spring | 3 | |
| 13 | NY108041L | Nut | 3 | |
| 14 | NRC4765 | Bolt | 1 | |
| 15 | 2265L | Washer plain | 1 | |
| 16 | 90508545 | Washer rubber | 2 | |
| 17 | WP185L | Washer plain | 1 | |
| 18 | WA108051L | Washer plain | 1 | |
| 19 | WL108001L | Washer spring | 1 | |
| 20 | FN108041L | Nut | 1 | |
| 21 | NRC9682 | Boltplate | 2 | |
| 22 | WC108051L | Washer plain | 4 | |
| 23 | WL108001L | Washer spring | 2 | |
| 24 | FN108041L | Nut | 2 | |
| 25 | STC1139 | Fuel level unit | 1 | |
| 26 | ARA1501L | Ring locking | 1 | |
| 27 | ARA1502L | Ring sealing | 1 | |
| 28 | PRC7019 | Pump fuel | 1 | Petrol |
| | RTC6545 | Connector | 1 | Petrol Upto VIN 345761 |
| 29 | NTC2159 | Pipe fuel feed | 1 | Diesel |
| 30 | PRC5852 | Ring sealing | 1 | Upto MA946570 |
| | ESR3278 | Ring sealing | 1 | From MA946571 |
| 31 | SE105121L | Screw | 5 | |
| 32 | WL105001L | Washer spring | 5 | |




**Model** DEFENDER 90
**Page** ADJXAA2A

**FUEL SYSTEM - FUEL TANK**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 33 | WA105001L | Washer plain | 5 | |

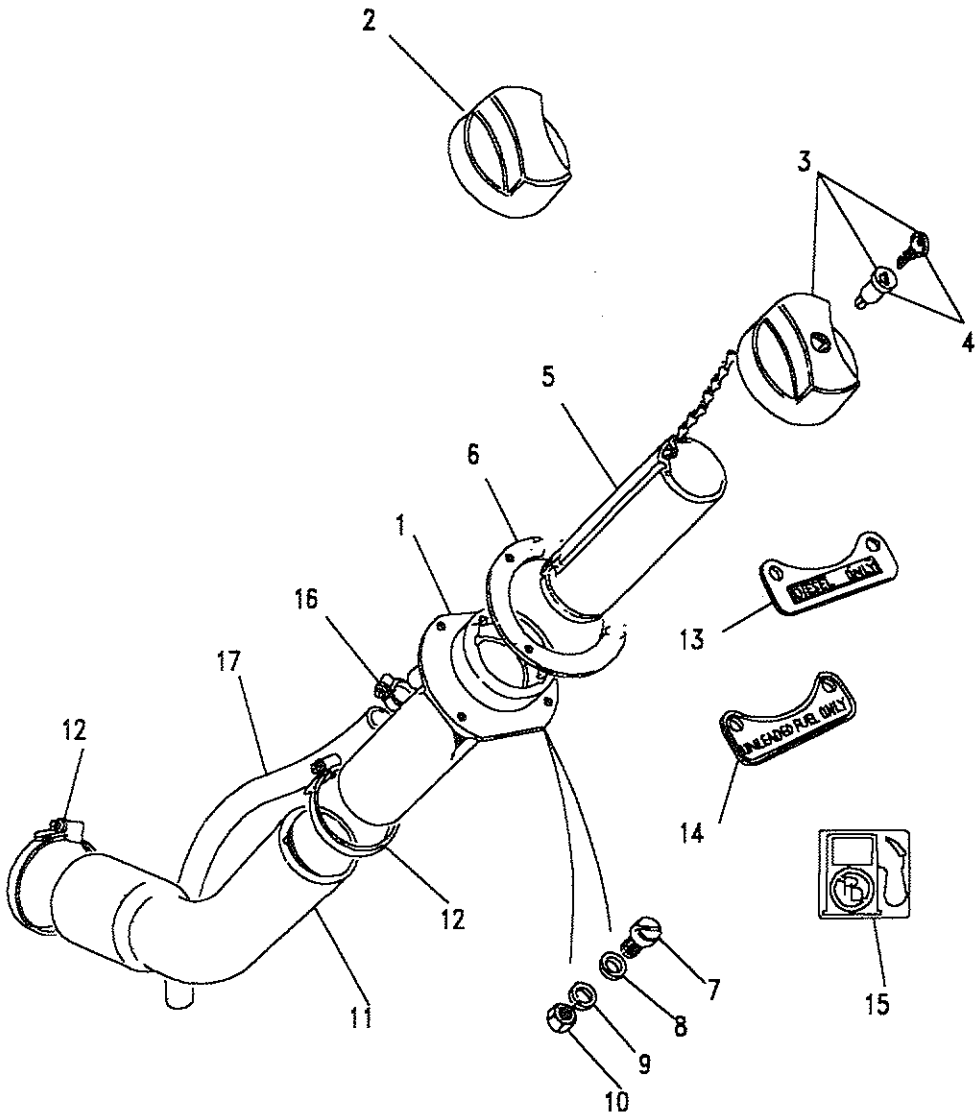



**Model** DEFENDER 90
**Page** ADJXCA1A

**FUEL SYSTEM - FUEL FILLER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 259678** | | | | |
| 1 | NRC9572 | Cap fuel filler | 1 | Nonlock/Vented Two Lug |
| | NRC9429 | Cap fuel filler | 1 | Nonlock/Nonvented Three Lug |
| 2 | NRC9424 | Filler fuel | 1 | )Note(1) |
| | NRC9423 | Filler fuel - antispill | 1 | ) |
| 3 | 500710 | Seal | 1 | |
| 4 | 77941 | Screw | 4 | |
| 5 | WC702101L | Washer plain | 4 | |
| 6 | WL700101L | Washer spring | 4 | |
| 7 | RTC608 | Nut | 4 | |
| 8 | NRC9291 | Hose fuel filler | 1 | |
| 9 | 594753 | Clip hose | 2 | |
| 10 | NTC1049 | Hose breather | 1 | |
| 11 | 572548 | Clip hose | 2 | |
| 12 | 502951 | Label | 1 | |

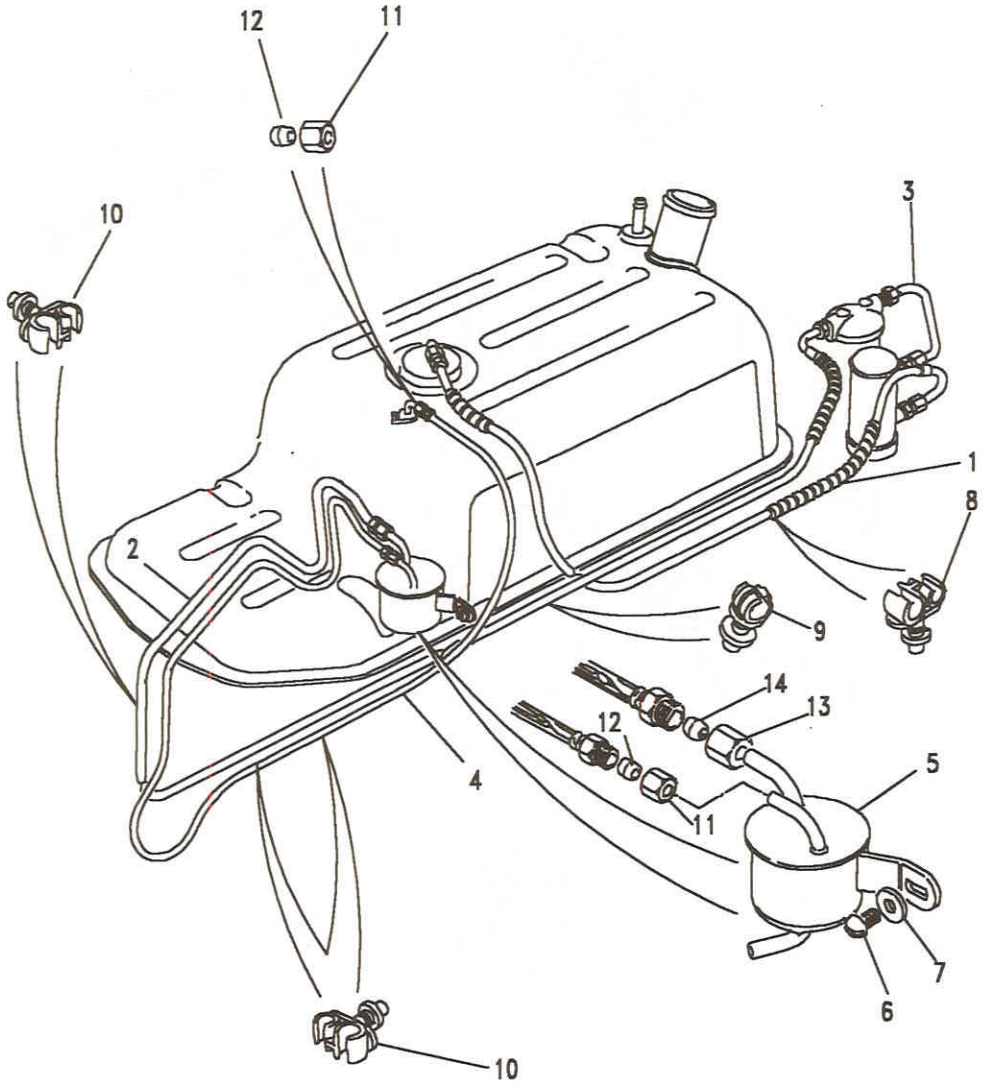
Note(1) The cork seal built into filler cannot be serviced.




**Model** DEFENDER 90
**Page** ADJXCA2A

**FUEL SYSTEM - FUEL FILLER**

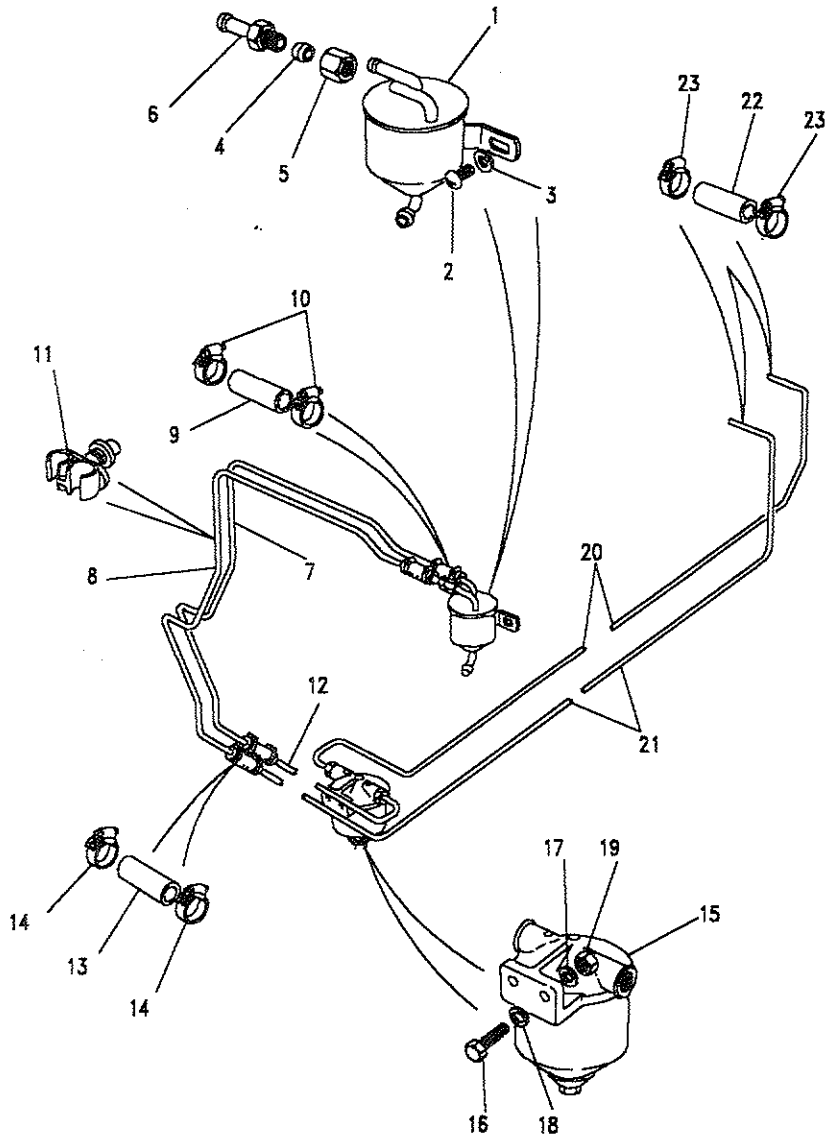
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 259679** | | | | |
| 1 | NTC2676 | Filler fuel | 1 | |
| | NTC2690 | Filler fuel | 1 | Unleaded |
| 2 | NTC2757 | Cap fuel filler | 1 | Nonlock/Vented 2 Lug Black |
| 3 | RTC4740 | Cap fuel filler | 1 | Locking/Vented 2 Lug Black |
| | RTC4741 | Cap fuel filler | 1 | Locking/Nonvented 2 Lug Grey |
| 4 | RTC3022 | Barrel lock and keys | 1 | |
| 5 | NTC2655 | Extension tube | 1 | Optional |
| 6 | NTC2229 | Seal | 1 | Upto VIN JA910667 |
| | ESR1650 | Seal | 1 | From VIN JA910668 |
| 7 | 77941 | Screw | 4 | |
| 8 | WC702101L | Washer plain | 4 | |
| 9 | WL700101L | Washer spring | 4 | |
| 10 | RTC608 | Nut | 4 | |
| 11 | NTC2338 | Hose fuel filler | 1 | |
| 12 | 594753 | Clip hose | 2 | |
| 13 | 502951 | Label | 1 | |
| 14 | NTC2914 | Label | 1 | 4 cylinder Upto VIN FA441452 |
| 14 | NTC2914 | Label | 1 | V8 Upto VIN FA441373 |
| 15 | NTC7503 | Label | 1 | 4 cylinder From VIN FA441453 |
| 15 | NTC7503 | Label | 1 | V8 From VIN FA441374 |
| 16 | 572548 | Clip hose | 2 | |
| 17 | NTC1049 | Hose breather | 1 | |




**Model** DEFENDER 90
**Page** ADJXEA1A

**FUEL SYSTEM - SEPARATOR AND PIPES - 4 CYL PETROL**

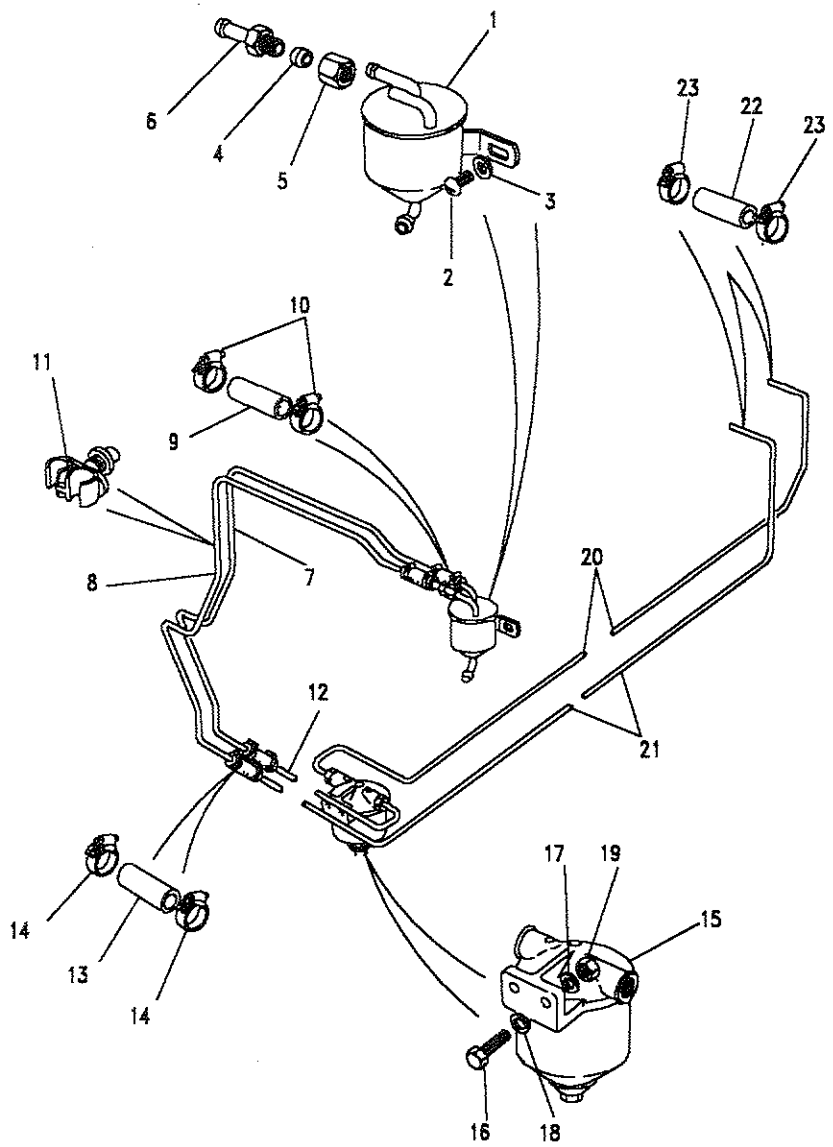
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto introduction of 'in tank' fuel pump** | | | | |
| 1 | NRC8919 | Pipe fuel-feed -tank to pump | 1 | |
| 2 | NRC9536 | Pipe fuel -filter to separator | 1 | |
| 3 | NRC7930 | Pipe fuel -pump to filter | 1 | |
| 4 | NRC8918 | Pipe fuel-spill -spill return to tank | 1 | |
| 5 | NRC9772 | Separator vapour | 1 | |
| 6 | 72628 | Screw | 2 | |
| 7 | WJ106001L | Washer | 2 | |
| 8 | AFU1077L | Clip swivel | 1 | |
| 9 | 79121 | Clip | 7 | |
| | 79122 | Clip | 2 | |
| 10 | NRC5415 | Clip | 10 | |
| 11 | 603431 | Nut union | A/R | |
| 12 | 542846 | Olive | A/R | |
| 13 | 534790 | Nut union | 1 | |
| 14 | 534797 | Olive | 1 | |




**Model** DEFENDER 90
**Page** ADJXEA2A

**FUEL SYSTEM - SEPARATOR, FILTER, PIPES - 4 CYL PETROL**

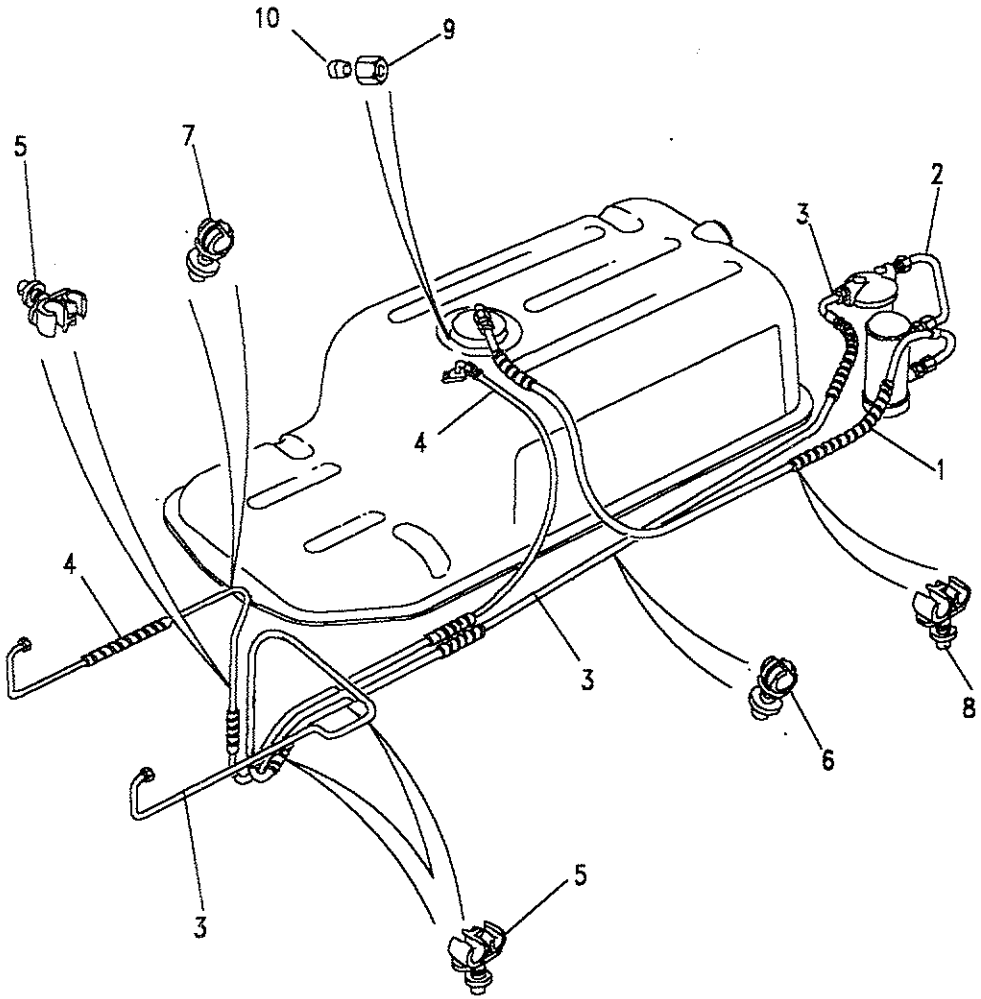
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | **From introduction of 'in tank' fuel pump** | | | |
| 1 | NRC9772 | Separator vapour | 1 | |
| 2 | AB614061L | Screw | 2 | |
| 3 | WJ106001L | Washer | 2 | |
| 4 | NRC9771 | Olive | 1 | Upto VIN 295565 |
| 5 | NRC9770 | Nut union | 1 | Upto VIN 295565 |
| | NRC9771 | Olive | 2 | From VIN 295566 |
| | NRC9770 | Nut union | 2 | From VIN 295566 |
| 6 | NTC2223 | Restrictor | 1 | Upto VIN 295565 |
| 7 | NTC2224 | Pipe fuel-feed (metal) -to vapour separator | 1 | Upto VIN 295565 |
| | NTC3866 | Pipe fuel-feed (plastic) -to vapour separator | 1 | From VIN 295566 |
| 8 | NTC2073 | Pipe fuel-spill (metal) -from vapour separator | 1 | Upto VIN 295565 |
| | NTC3867 | Pipe fuel-spill (plastic) -from vapour separator | 1 | From VIN 295566 |
| 9 | NTC2876 | Hose | 2 | Upto VIN 295565 |
| | NTC2876 | Hose | 1 | From VIN 295566 |
| 10 | CN100168L | Clip hose | 4 | Upto VIN 295565 |
| | CN100168L | Clip hose | 2 | From VIN 295566 |
| 11 | 79158 | Pipe Clip | 2 | |
| | NRC5415 | Pipe Clip | 4 | |
| 12 | NTC2069 | Pipe fuel-feed -from filter | 1 | Upto VIN 295565 |
| 13 | NTC2876 | Hose | 2 | Upto VIN 295565 |
| 14 | CN100168L | Clip hose | 4 | Upto VIN 295565 |
| 15 | NRC9786 | Filter fuel | 1 | |
| | JS660L | Element | 1 | |
| 16 | FS106201L | Flange screw | 2 | |
| 17 | WA106001L | Washer plain | 2 | |
| 18 | WL106001L | Washer spring | 2 | |
| 19 | NH106041L | Nut | 2 | |
| 20 | NTC2077 | Pipe fuel-feed -from tank | 1 | |
| 21 | NTC2078 | Pipe fuel-spill | 1 | |




**Model** DEFENDER 90
**Page** ADJXEA2A

**FUEL SYSTEM - SEPARATOR, FILTER, PIPES - 4 CYL PETROL**

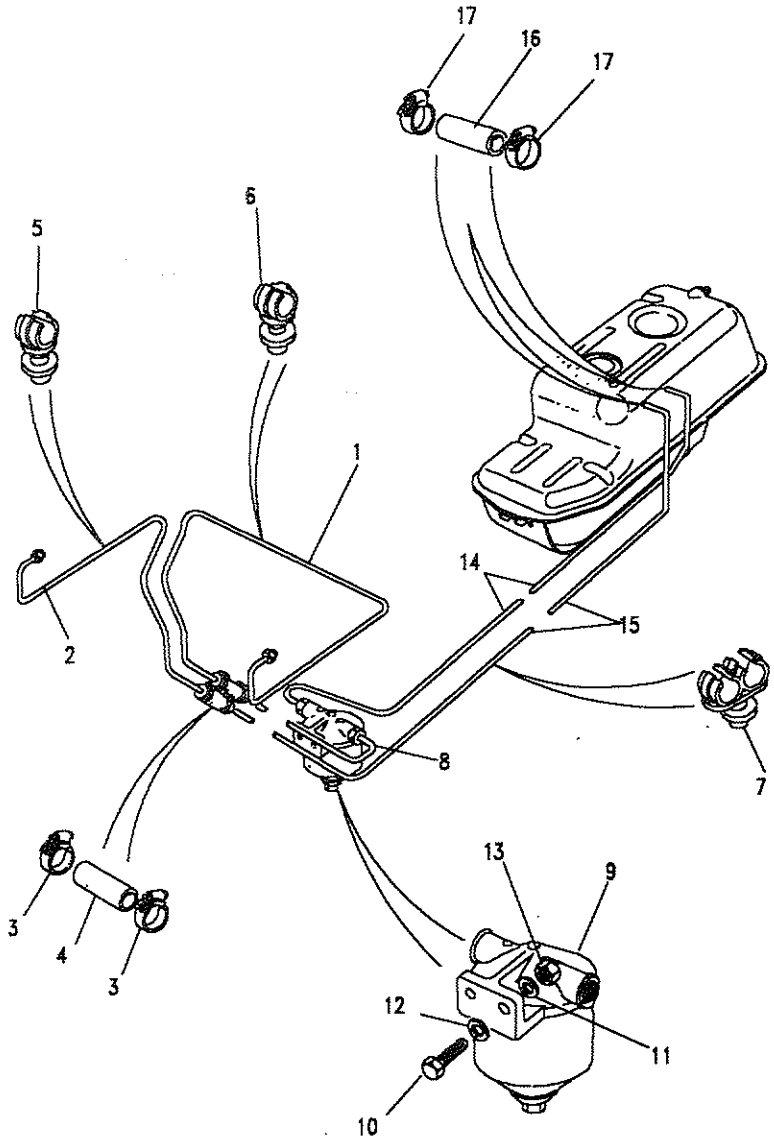
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | | -to tank | | |
| 22 | NTC2876 | Hose | 2 | |
| 23 | CN100168L | Clip hose | 4 | |




**Model** DEFENDER 90
**Page** ADJXEA3A

**FUEL SYSTEM - FUEL PIPES - V8**

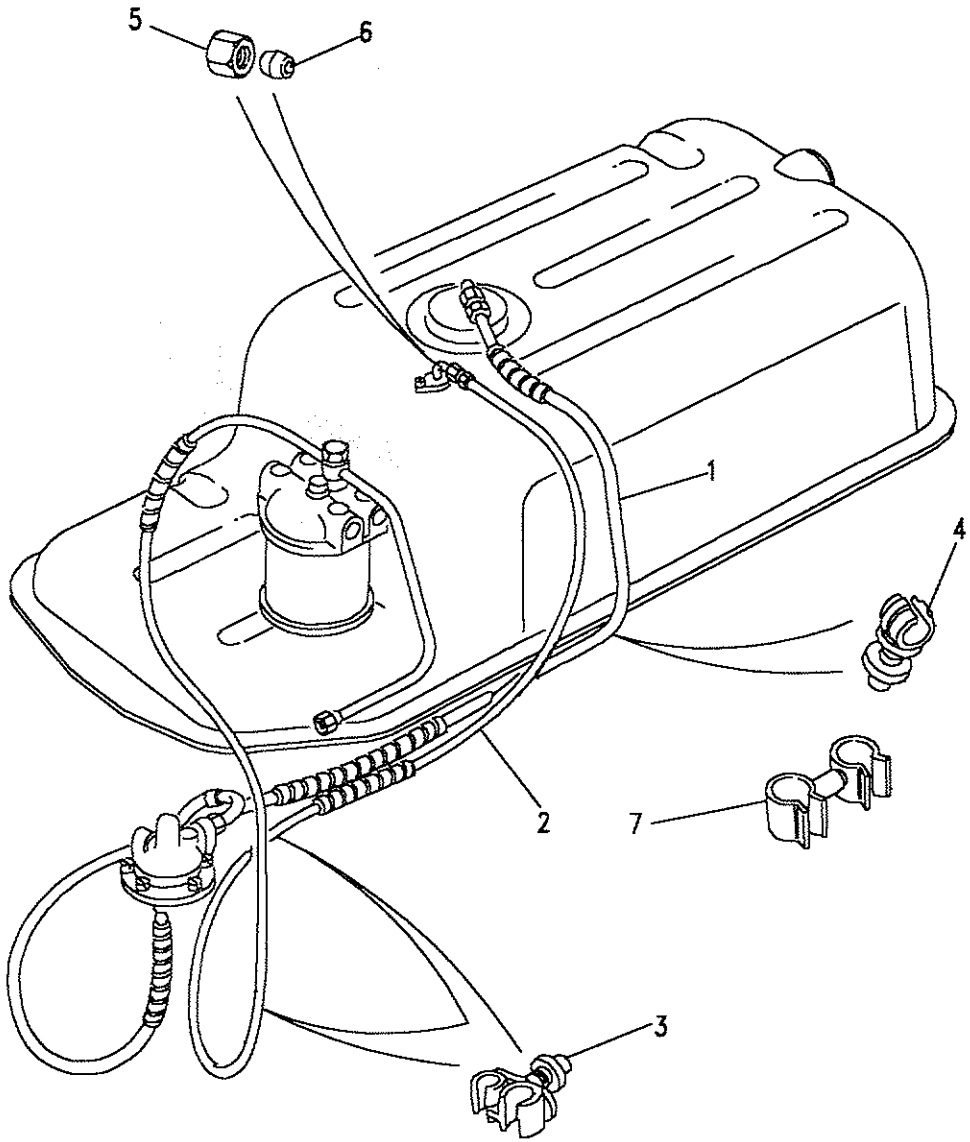
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto introduction of 'in tank' fuel pump** | | | | |
| 1 | NRC8919 | Pipe fuel -tank to pump-feed | 1 | |
| 2 | NRC7930 | Pipe fuel -pump to filter | 1 | |
| 3 | NRC8921 | Pipe fuel -filter to carburetter | 1 | |
| 4 | NRC8917 | Pipe fuel -spill return to tank | 1 | |
| 5 | NRC4514 | Clip | 3 | |
| 6 | 79121 | Clip | 4 | |
| 7 | 79122 | Clip | 1 | |
| 8 | AFU1107 | Clip swivel | 1 | |
| 9 | 603431 | Nut union | A/R | |
| 10 | 542846 | Olive | A/R | |




**Model** DEFENDER 90
**Page** ADJXEA4A

**FUEL SYSTEM - FILTER AND PIPES - V8**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From introduction of 'in tank' fuel pump** | | | | |
| 1 | NTC2120 | Pipe fuel-feed -to carburetter | 1 | |
| | NTC3692 | Pipe fuel-feed -filter to carburetter | 1 | SU Carb |
| 2 | NTC2122 | Pipe fuel-spill -carburetter to hose | 1 | |
| 3 | CN100168L | Clip hose | 2 | |
| 4 | NTC2876 | Hose | 2 | |
| 5 | 79122 | Pipe Clip | 1 | |
| 6 | 79121 | Pipe Clip | 3 | |
| 7 | 79158 | Pipe Clip | 5 | |
| 8 | NTC2069 | Pipe fuel-feed | 1 | |
| 9 | NRC9786 | Filter fuel | 1 | |
| | JS660L | Element | 1 | |
| 10 | FS106201L | Flange screw | 2 | |
| 11 | WA106001L | Washer plain | 2 | |
| 12 | WL106001L | Washer spring | 2 | |
| 13 | NH106041L | Nut | 2 | |
| 14 | NTC2077 | Pipe fuel-feed -tank to filter | 1 | |
| 15 | NTC2078 | Pipe fuel-spill -hose to tank | 1 | |
| 16 | NTC2876 | Hose | 2 | |
| 17 | CN100168L | Clip hose | 4 | |

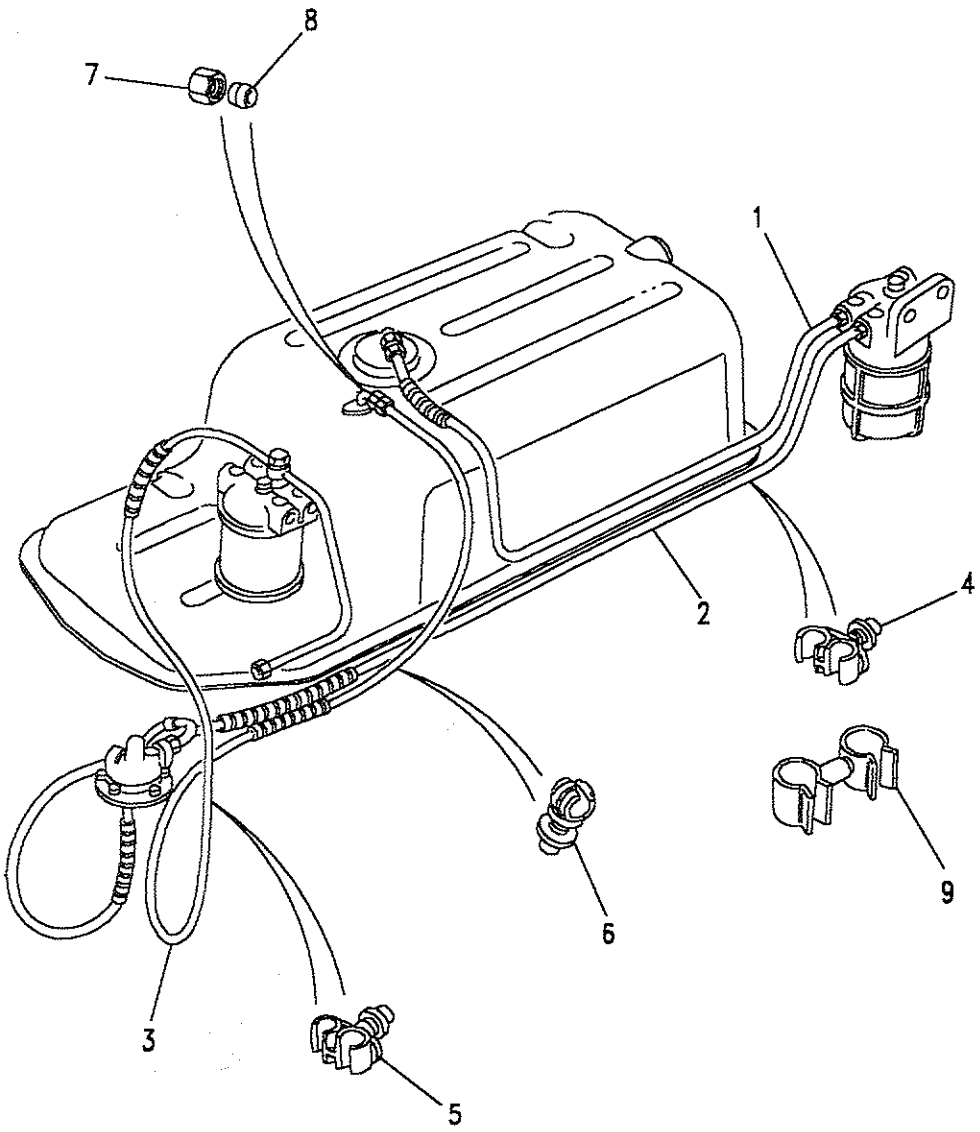



**Model** DEFENDER 90
**Page** ADJXEC1A

**FUEL SYSTEM - FUEL PIPES - DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Without Sedimentor** | | | | |
| 1 | NRC8920 | Pipe fuel -tank to lift pump | 1 | Upto VIN 327014 |
| | NTC4600 | Pipe fuel -tank to lift pump | 1 | From VIN 327015 |
| 2 | NRC8916 | Pipe fuel -spillrail/filter/tank | 1 | Note(1) |
| | NTC3492 | Pipe fuel -spill rail to filter | 1 | Note(2) |
| | NTC3490 | Pipe fuel -filter to tank | 1 | Note(2) |
| | NTC4604 | Pipe fuel -spill rail to filter | 1 | From VIN 327015 |
| | NTC4598 | Pipe fuel -filter to tank | 1 | From VIN 327015 |
| | NTC5728 | Pipe fuel -spill rail to tank | 1 | 200Tdi |
| 3 | NRC5415 | Pipe Clip | 3 | |
| 4 | 79121 | Pipe Clip | 1 | |
| 5 | 603431 | Nut union-UNF | 2 | Upto VIN 327014 |
| | NRC9770 | Nut union-metric | 2 | From VIN 327015 |
| 6 | 542846 | Olive | 2 | Upto VIN 327014 |
| | NRC9771 | Olive | 2 | From VIN 327015 |
| 7 | ESR301 | Clip swivel | 1 | 200Tdi |

Note(1) Upto Engine nos 12J35306C, 19J07163C
Note(2) From Engine nos 12J35307C, 19J07164C upto VIN 327014

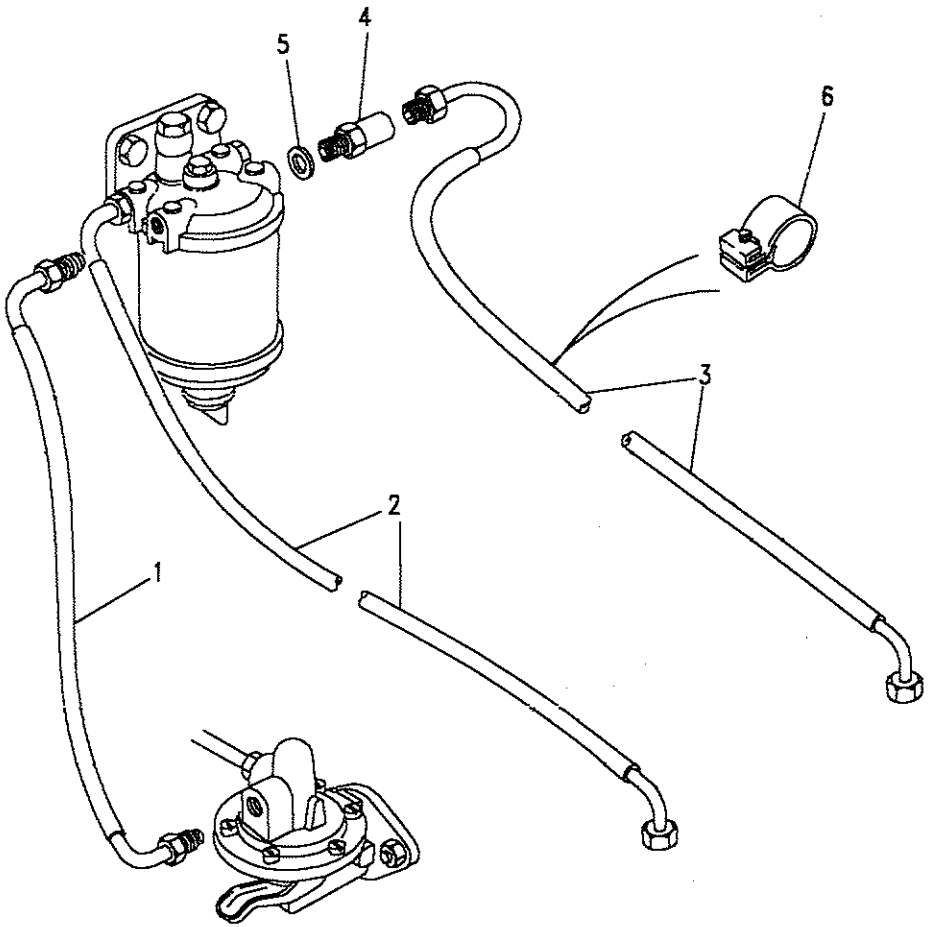



**Model** DEFENDER 90
**Page** ADJXEC2A

**FUEL SYSTEM - FUEL PIPES - DIESEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **With Sedimentor** | | | | |
| 1 | NRC8922 | Pipe fuel -tank to sedimentor | 1 | Upto VIN 327014 |
| | NTC4601 | Pipe fuel -tank to sedimentor | 1 | From VIN 327015 |
| 2 | NRC8923 | Pipe fuel -sedimentor to pump | 1 | |
| 3 | NRC8916 | Pipe fuel -spillrail/filter/tank | 1 | Note(1) |
| | NTC3492 | Pipe fuel -spill rail to filter | 1 | Note(2) |
| | NTC3490 | Pipe fuel -filter to tank | 1 | Note(2) |
| | NTC4604 | Pipe fuel -spill rail to filter | 1 | From VIN 327015 |
| | NTC4598 | Pipe fuel -filter to tank | 1 | From VIN 327015 |
| | NTC5728 | Pipe fuel -spill rail to tank | 1 | 200Tdi |
| 4 | AFU1107 | Pipe Clip | 1 | |
| 5 | NRC5415 | Pipe Clip | 3 | |
| 6 | 79121 | Pipe Clip | 1 | |
| 7 | 603431 | Nut union-UNF | 1 | Upto VIN 327014 |
| | NRC9770 | Nut union-metric | 1 | From VIN 327015 |
| 8 | 542846 | Olive | 1 | Upto VIN 327014 |
| | NRC9771 | Olive | 1 | From VIN 327015 |
| 9 | ESR301 | Clip swivel | 1 | 200Tdi |

Note(1) Upto Engine nos 12J35306C, 19J07163C
Note(2) From Engine nos 12J35307C, 19J07164C upto VIN 327014

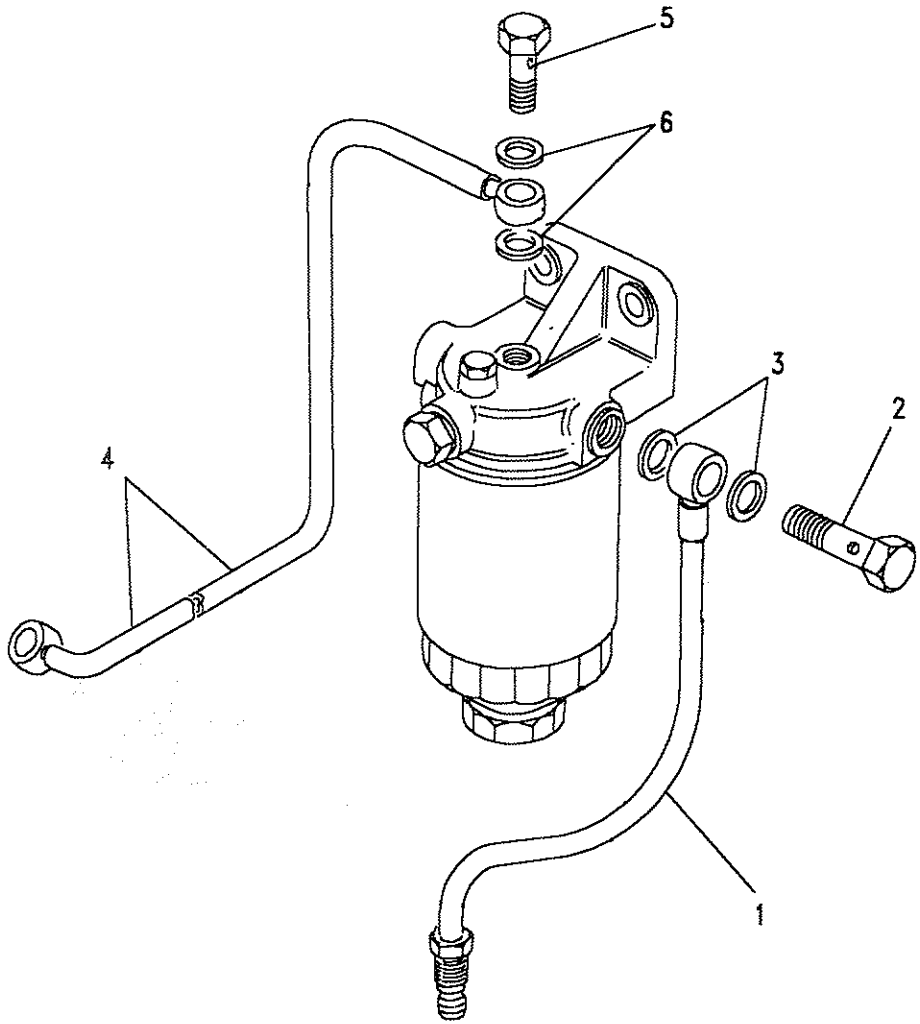



**Model** DEFENDER 90
**Page** ADJXEC3A

**FUEL SYSTEM - FUEL PIPES - DIESEL AND DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6903 | Pipe fuel -lift pump to filter | 1 | Note(1) |
| | ERR244 | Pipe fuel -lift pump to filter | 1 | Note(2) |
| 2 | ETC6901 | Pipe fuel -filter to dps pump-feed | 1 | |
| 3 | ETC6902 | Pipe fuel | 1 | |
| | | -dps pump to filter-spill | 1 | |
| 4 | AAU3509 | Valve non return | 1 | |
| 5 | 517706 | Joint Washer | 1 | |
| 6 | 578293 | Clip hose | 6 | Sweden |

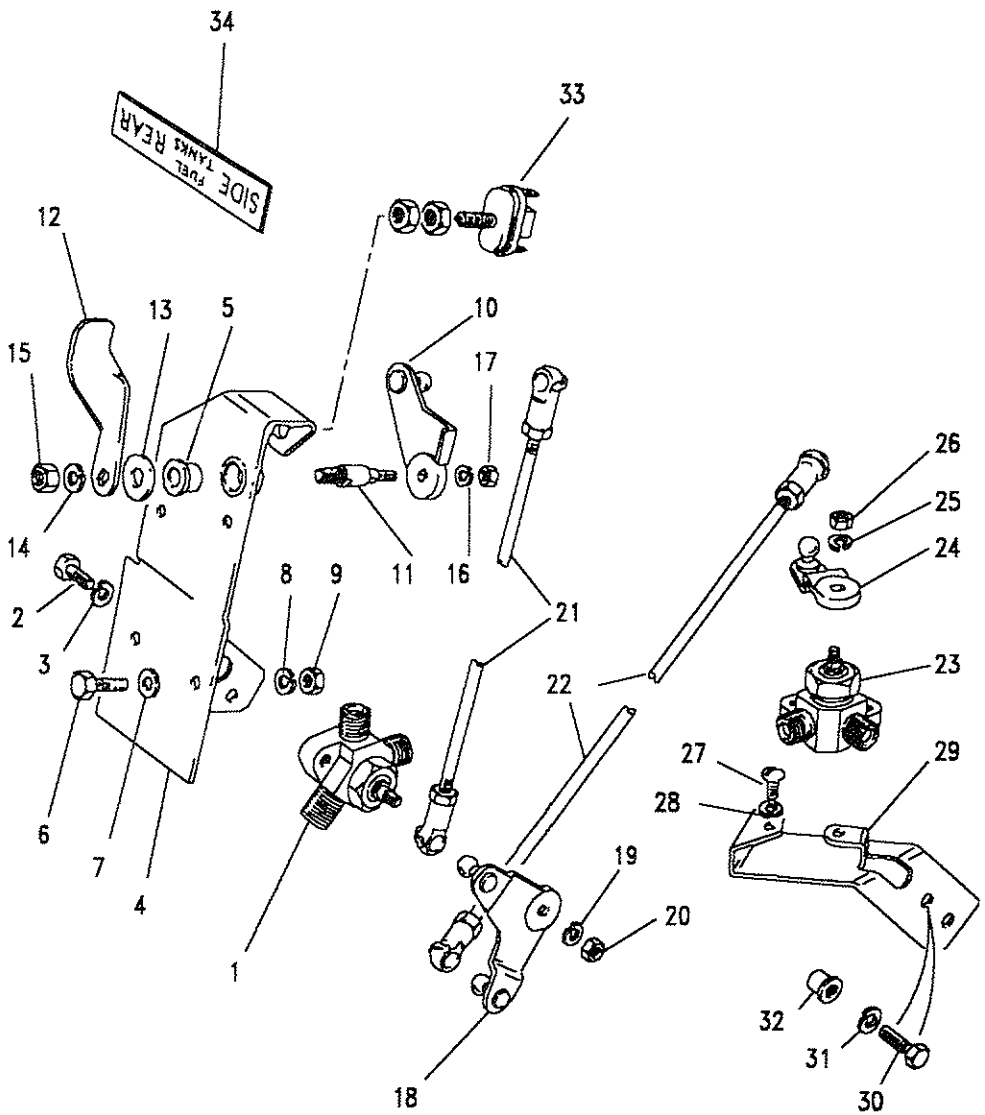
Note(1) Upto Engine nos 12J41642C, 19J20835C
Note(2) From Engine nos 12J41643C, 19J20836C




**Model** DEFENDER 90
**Page** ADJXEC4A

**FUEL SYSTEM - FUEL PIPES - 200 TDI**

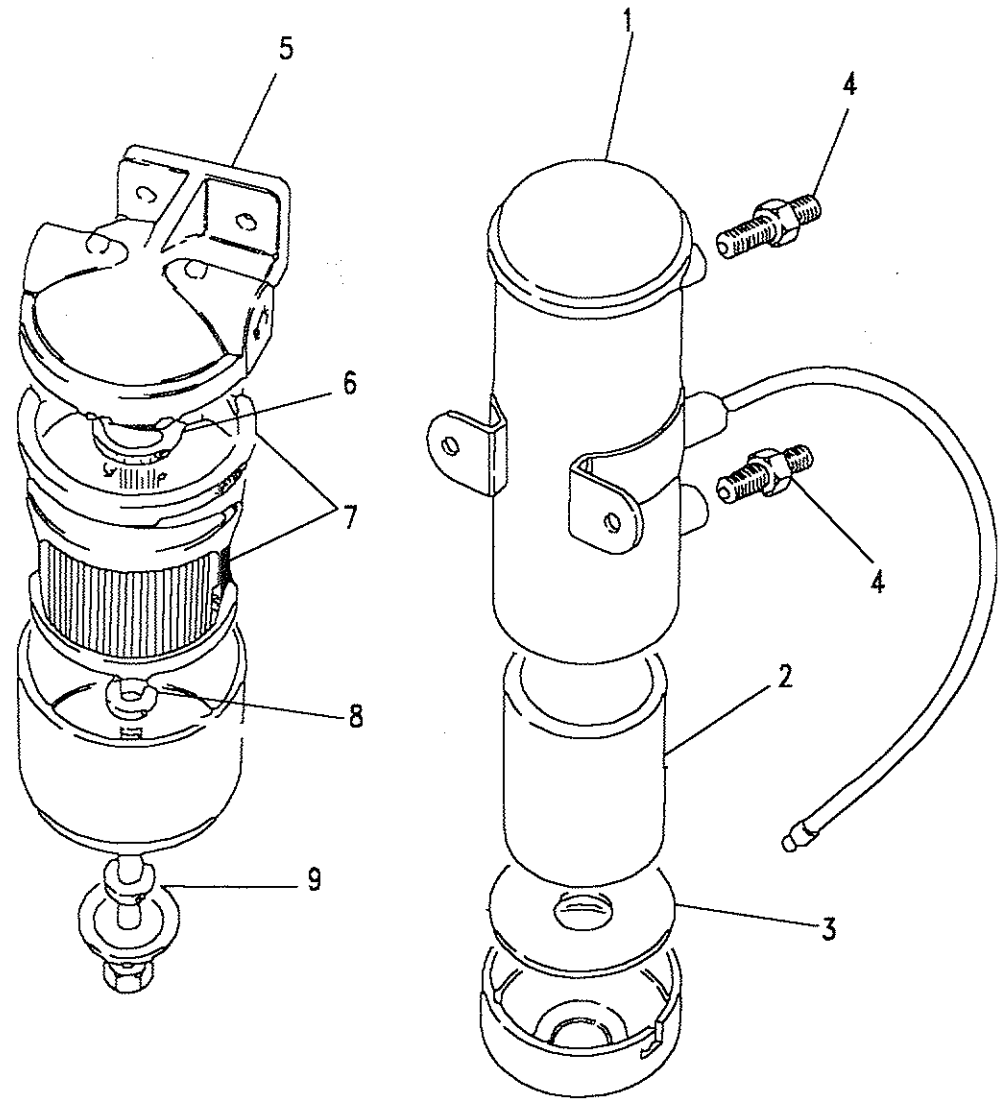
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ESR394 | Pipe fuel<br>-lift pump to filter | 1 | |
| 2 | NTC3346 | Bolt banjo | 2 | |
| 3 | ESR354 | Washer copper | 4 | |
| 4 | ESR395 | Pipe fuel<br>-filter to injection pump | 1<br>1 | |
| 5 | NTC3346 | Bolt banjo | 1 | |
| 6 | ESR354 | Washer copper | 2 | |




**Model** DEFENDER 90
**Page** ADJXEC5A

**FUEL SYSTEM - FUEL PIPES - 300 TDI**

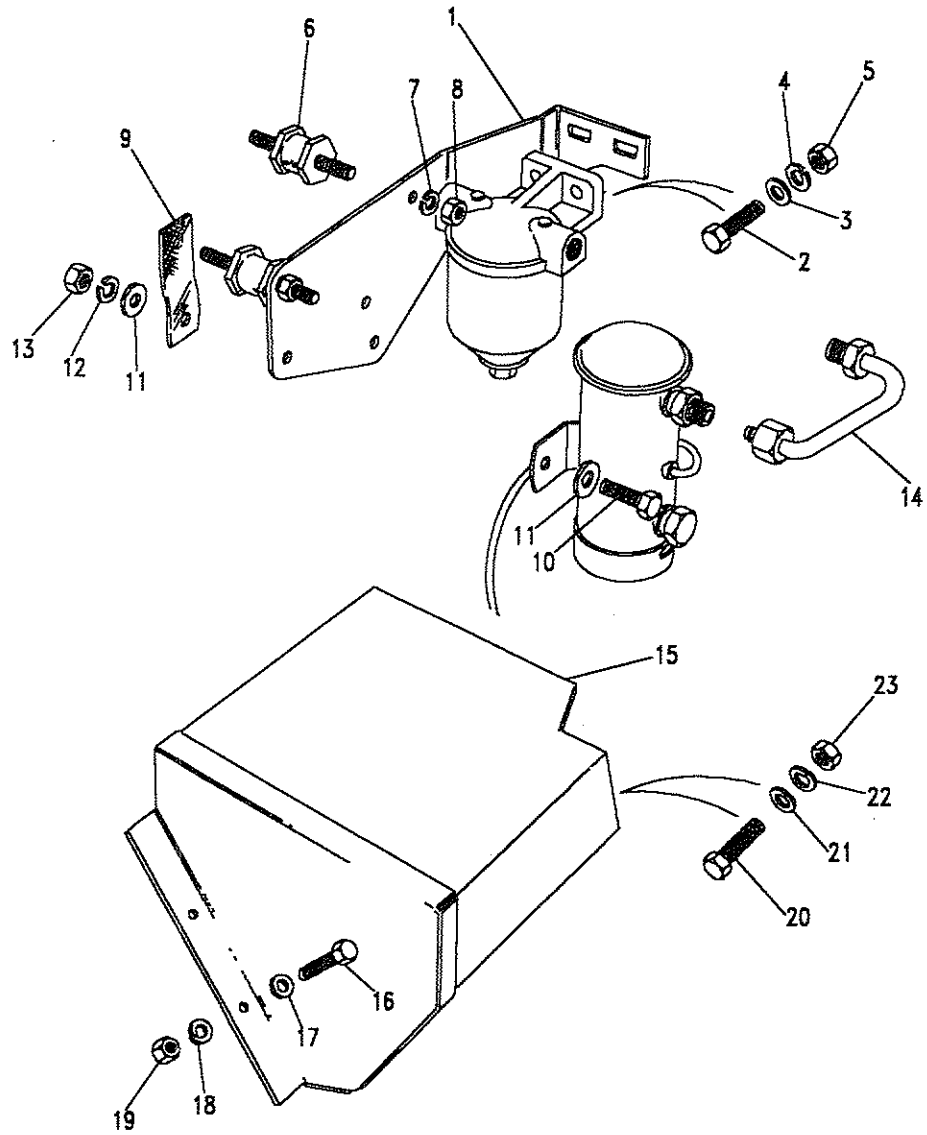
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ESR3132 | Pipe fuel - tank/LP | 1 | |
| 2 | ESR3118 | Pipe fuel twin - LP/filter & filter/HP | 1 | |
| 3 | ESR3129 | Pipe fuel - sedimentor/LP | 1 | |
| 4 | ESR3125 | Pipe fuel - spill/tank | 1 | |
| 5 | ESR3135 | Bracket pipe clip | 1 | |
| 6 | ESR1373 | Clip pipe | A/R | |




**Model** DEFENDER 90
**Page** ADJXGA1A

**FUEL SYSTEM - PUMP AND FILTER - PETROL**

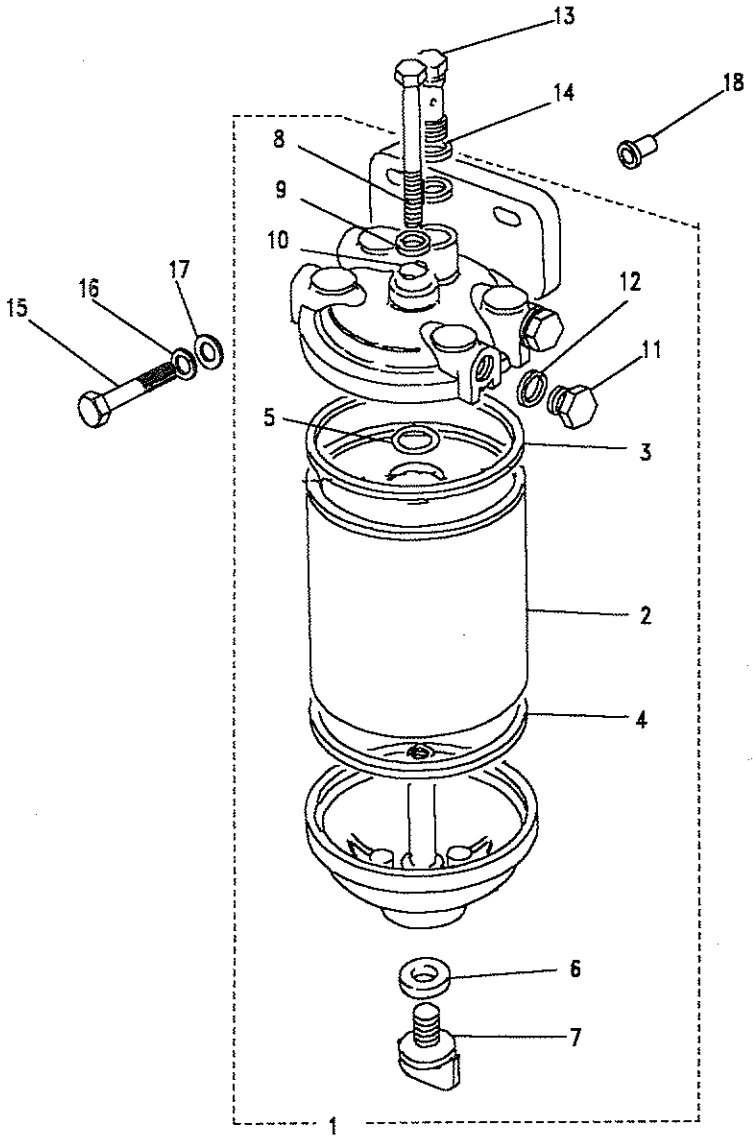
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto introduction of 'in tank' fuel pump** | | | | |
| 1 | PRC3901 | Pump fuel-electric | 1 | |
| 2 | 90606262 | Filter | 1 | |
| 3 | 90606261 | Gasket | 1 | |
| 4 | 572535 | Adaptor | 2 | |
| 5 | 90577064 | Filter fuel | 1 | |
| 6 | JS657L | Gasket | 1 | |
| 7 | JS660L | Element | 1 | |
| 8 | AEU1147 | Seal | 1 | |
| 9 | 606207 | Seal | 1 | |




**Model** DEFENDER 90
**Page** ADJXGA2A

**FUEL SYSTEM - MOUNTINGS PUMP AND FILTER - PETROL**

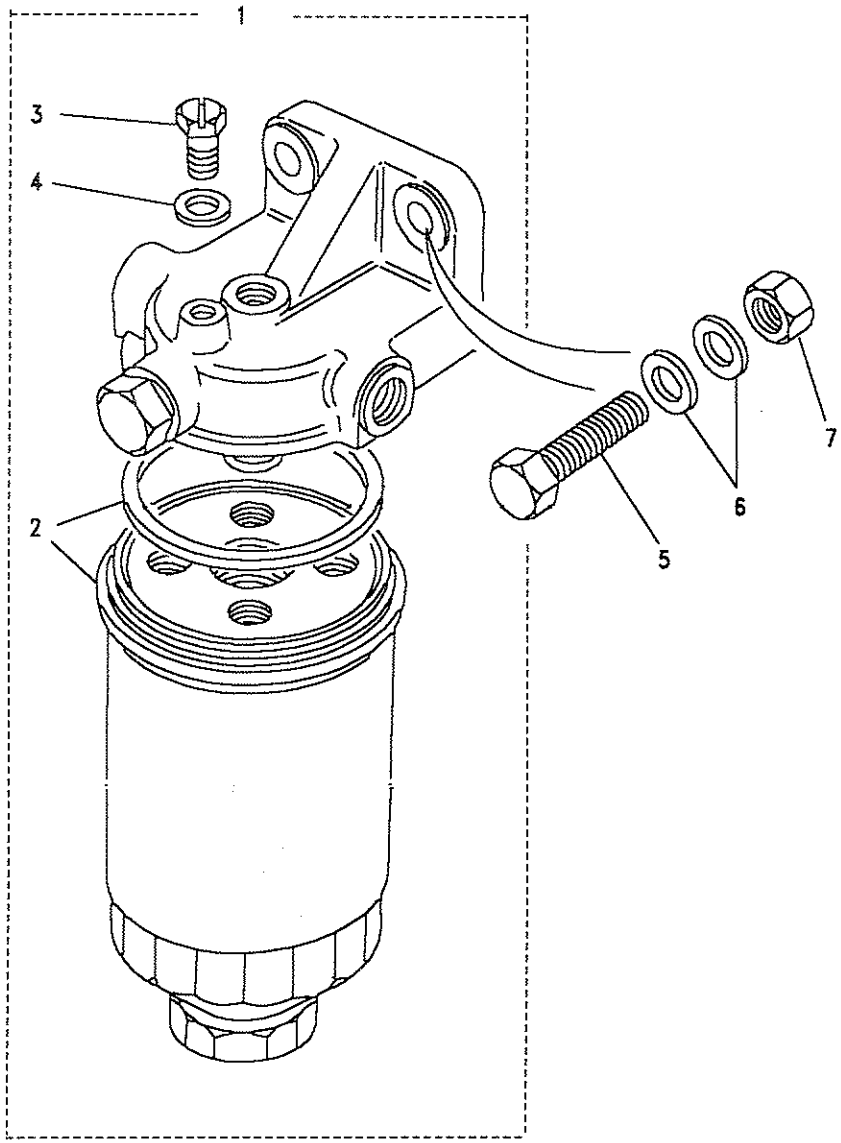
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC7284 | Plate mounting | 1 | |
| 2 | FS106201L | Flange screw | 2 | |
| 3 | WA106041L | Washer plain | 2 | |
| 4 | WL106001L | Washer spring | 2 | |
| 5 | NH106041L | Nut | 2 | |
| 6 | NRC7135 | Mounting rubber | 3 | |
| 7 | WM600041L | Washer spring | 3 | |
| 8 | NH604041L | Nut | 3 | |
| 9 | 568244 | Earth braid | 1 | |
| 10 | FS106201L | Flange screw | 2 | |
| 11 | WA106041L | Washer plain | 3 | |
| 12 | WL106001L | Washer spring | 2 | |
| 13 | NH106041L | Nut | 2 | |
| 14 | NRC7930 | Pipe fuel -pump to filter | 1 | |
| 15 | NRC7454 | Cover | 1 | |
| 16 | SH106121L | Screw | 2 | |
| 17 | WA106041L | Washer plain | 2 | |
| 18 | WL106001L | Washer spring | 2 | |
| 19 | NH106041L | Nut | 2 | |
| 20 | SH106121L | Screw | 1 | |
| 21 | WA106041L | Washer plain | 1 | |
| 22 | WL106001L | Washer spring | 1 | |
| 23 | NH106041L | Nut | 1 | |




**Model** DEFENDER 90
**Page** ADJXGC1A

**FUEL SYSTEM - FUEL FILTER - DIESEL AND DIESEL TURBO**

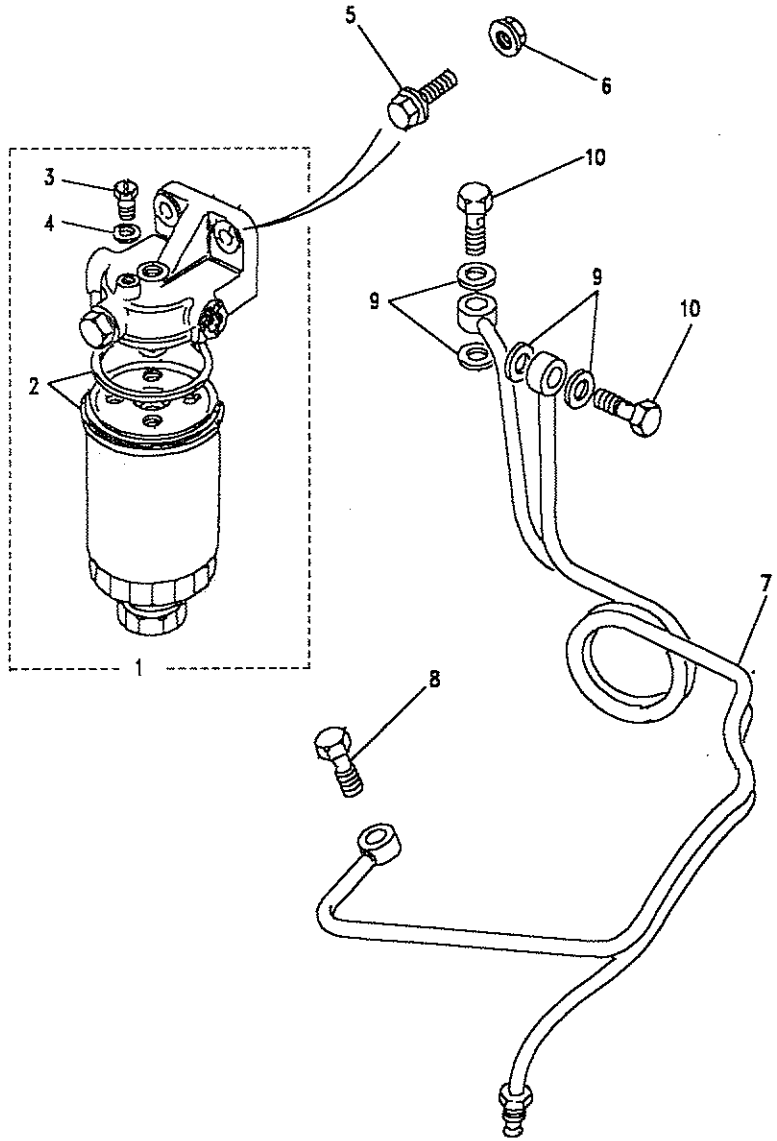
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 563190 | Filter fuel | 1 | |
| 2 | 90517711 | Element | 1 | |
| 3 | AAU9903 | Seal top | 1 | |
| 4 | AAU9902 | Seal bottom | 1 | |
| 5 | 37H575L | Seal small | 1 | |
| 6 | 605011 | Seal drain plug | 1 | |
| 7 | 37H7920 | Drain plug and seal | 1 | |
| 8 | 37H8119L | Bolt | 1 | |
| 9 | 522940 | Washer | 1 | |
| 10 | 37H770L | O ring | 1 | |
| 11 | 517689 | Plug blanking | 1 | |
| 12 | 517706 | Washer | 1 | |
| 13 | 13H1515L | Bolt banjo | 1 | |
| 14 | 517976 | Joint washer | 2 | |
| 15 | SH108301L | Screw | 2 | |
| 16 | WL108001L | Washer spring | 2 | |
| 17 | WA108051L | Washer plain | 2 | |
| 18 | NN108021L | Rivnut | 2 | |




**Model** DEFENDER 90
**Page** ADJXGC2A

**FUEL SYSTEM - FUEL FILTER - 200 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC1518 | Filter fuel | 1 | |
| 2 | AEU2147L | Element and seal | 1 | |
| 3 | AEU2148L | Screw bleed | 1 | |
| 4 | AEU2149L | Washer sealing | 1 | |
| 5 | FS110301L | Screw | 2 | |
| 6 | WA110061L | Washer plain | 4 | |
| 7 | NY110041L | Nut | 2 | |

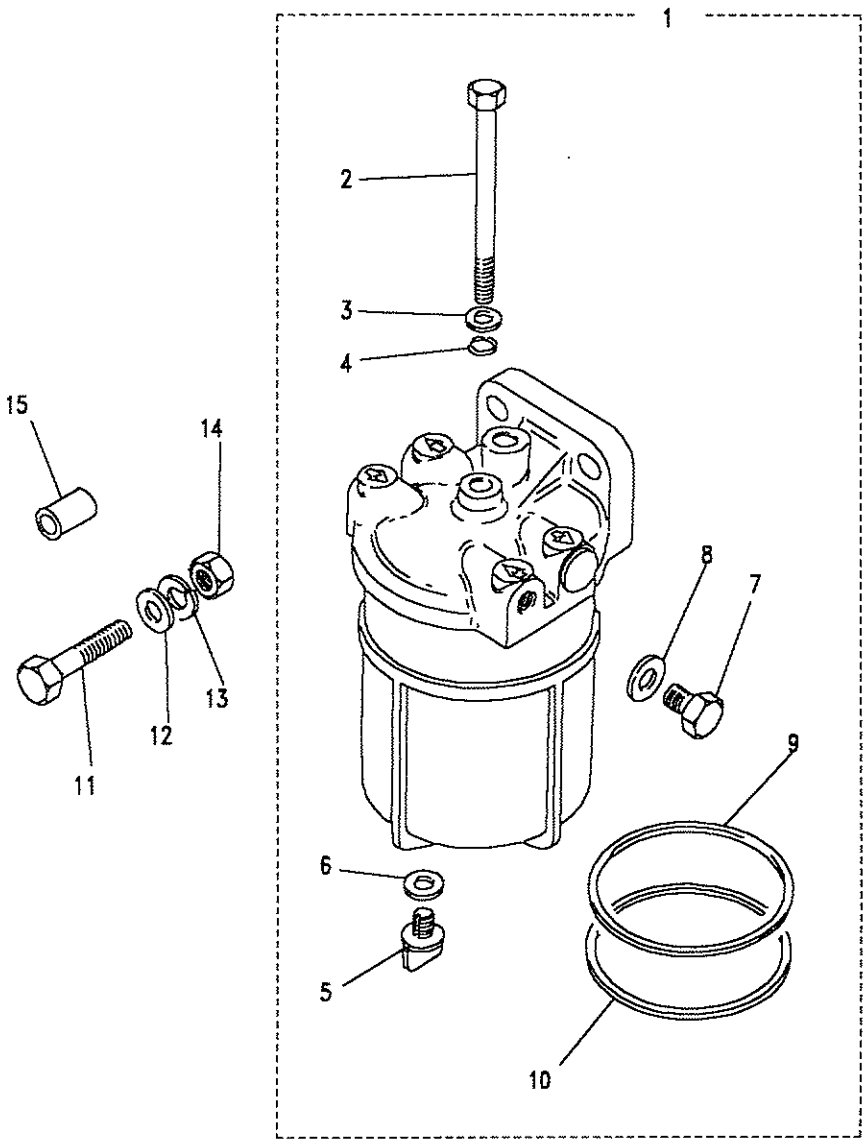



**Model** DEFENDER 90
**Page** ADJXGC2B

**FUEL SYSTEM - FUEL FILTER - 300 TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC1518 | Filter fuel | 1 | |
| 2 | AEU2147L | Element and seal | 1 | |
| 3 | AEU2148L | Screw bleed | 1 | |
| 4 | AEU2149L | Washer sealing | 1 | |
| 5 | FS110301L | Screw flange | 2 | |
| 6 | FX110041 | Nut flange | 2 | |
| 7 | | Fuel pipe | 1 | Note(1) |
| 8 | ERR1125 | Banjo bolt | 1 | |
| 9 | ESR354 | Washer copper | 4 | |
| 10 | NTC3346 | Banjo bolt | 2 | |
| 11 | ESR3206 | Bracket fuel filter | 1 | |
| 12 | FS108201L | Screw filter bracket | 1 | |
| 13 | FS108301L | Bolt | 2 | |

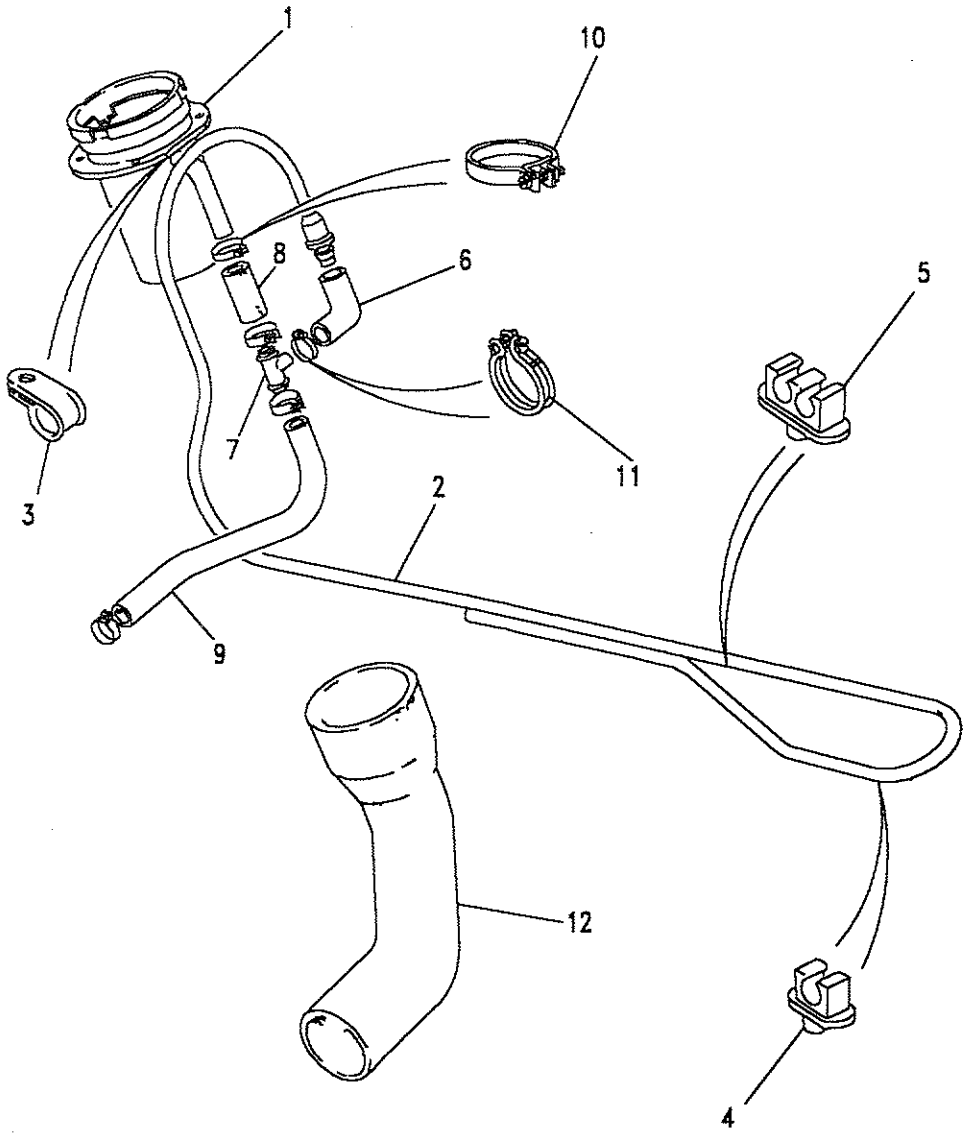
Note(1) For fuel pipes see page 619




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**FUEL SYSTEM - SEDIMENTORS - 2.5 DIESEL - OPTIONAL**

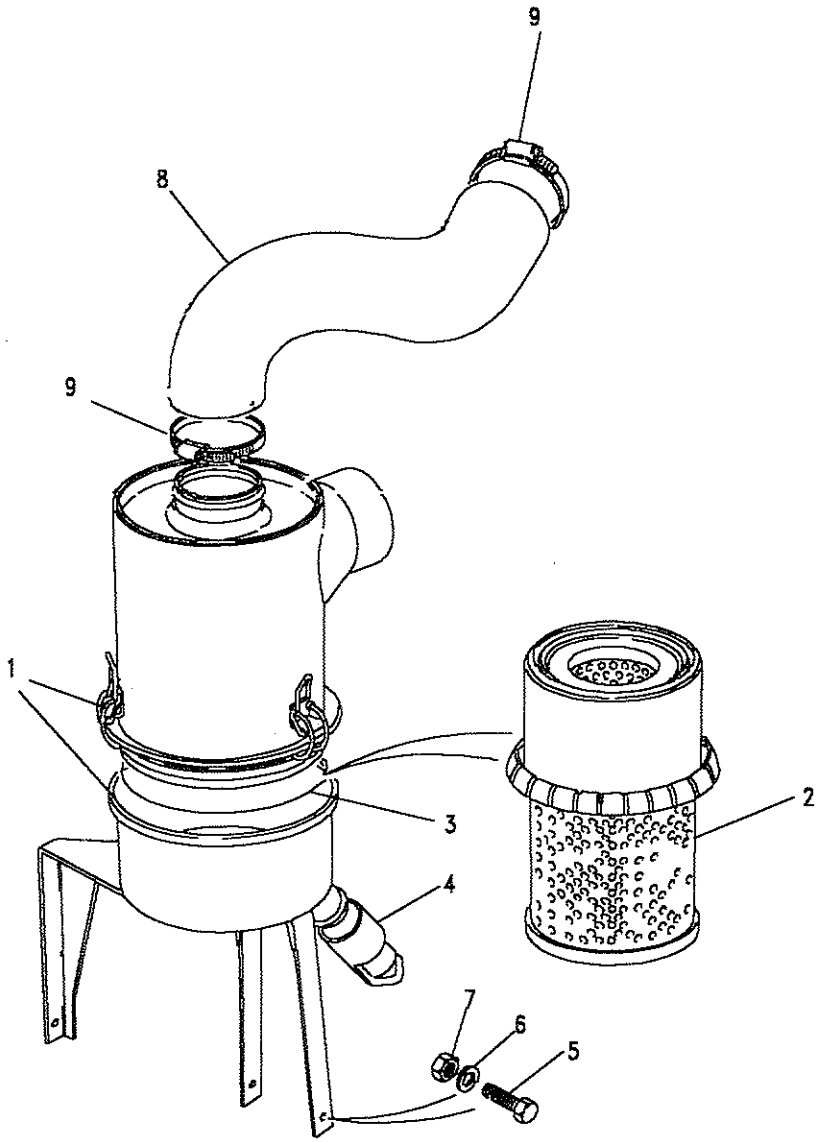
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 562748 | Sedimentor | 1 | |
| 2 | 37H8119 | Bolt | 1 | |
| 3 | 522940 | Washer | 1 | |
| 4 | 37H770 | O ring | 1 | |
| 5 | 37H7920 | Plug drain | 1 | |
| 6 | 605011 | Seal | 1 | |
| 7 | 517689 | Plug blanking | 1 | |
| 8 | 517706 | Joint Washer | 1 | |
| 9 | AAU9903 | Seal top | 1 | |
| 10 | AAU9902 | Seal bottom | 1 | |
| 11 | FS108301L | Bolt | 2 | |
| 12 | WA108051L | Washer plain | 2 | |
| 13 | WL108001L | Washer spring | 2 | |
| 14 | FN108041L | Nut | 4 | |
| 15 | NN108201 | Nutsert | 1 | |




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**Page** ADJXMA1A

**FUEL SYSTEM - ROLL OVER ANTI-SPILL SYSTEM**

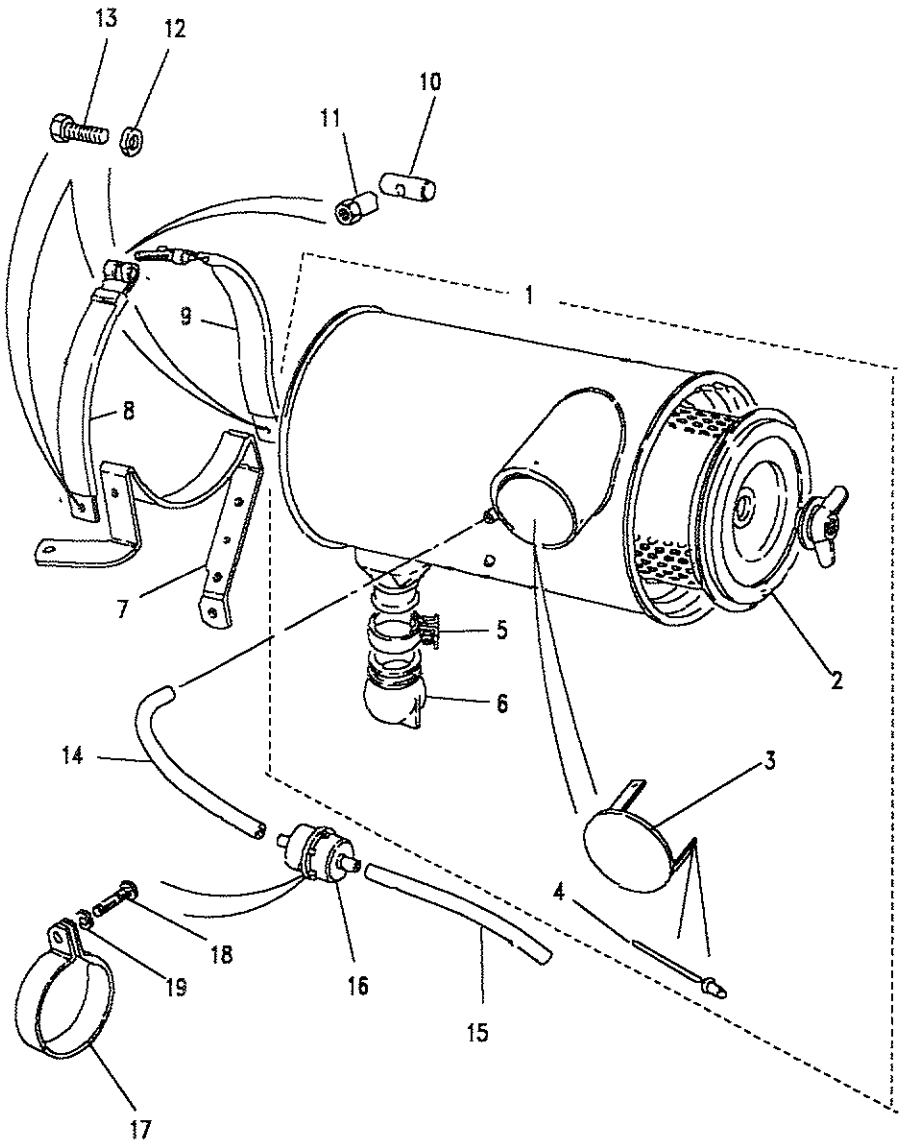
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC9423 | Filler fuel | 2 | |
| 2 | NRC2572 | Pipe fuel | 1 | |
| 3 | AEU1448 | Clip | 1 | |
| 4 | 79123 | Clip | 2 | |
| 5 | AFU1008 | Clip | 2 | |
| 6 | 577458 | Elbow rubber | 1 | |
| 7 | NRC2652 | Tee piece | 1 | |
| 8 | NRC2159 | Connection hose | 1 | |
| 9 | ESR1287 | Hose breather | 1 | |
| 10 | 572839 | Clip hose | 4 | |
| 11 | 565656 | Clip hose | 1 | |
| 12 | NRC9291 | Hose filler | 1 | |




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**FUEL SYSTEM - AIR CLEANER - 4 CYLINDER - PETROL**

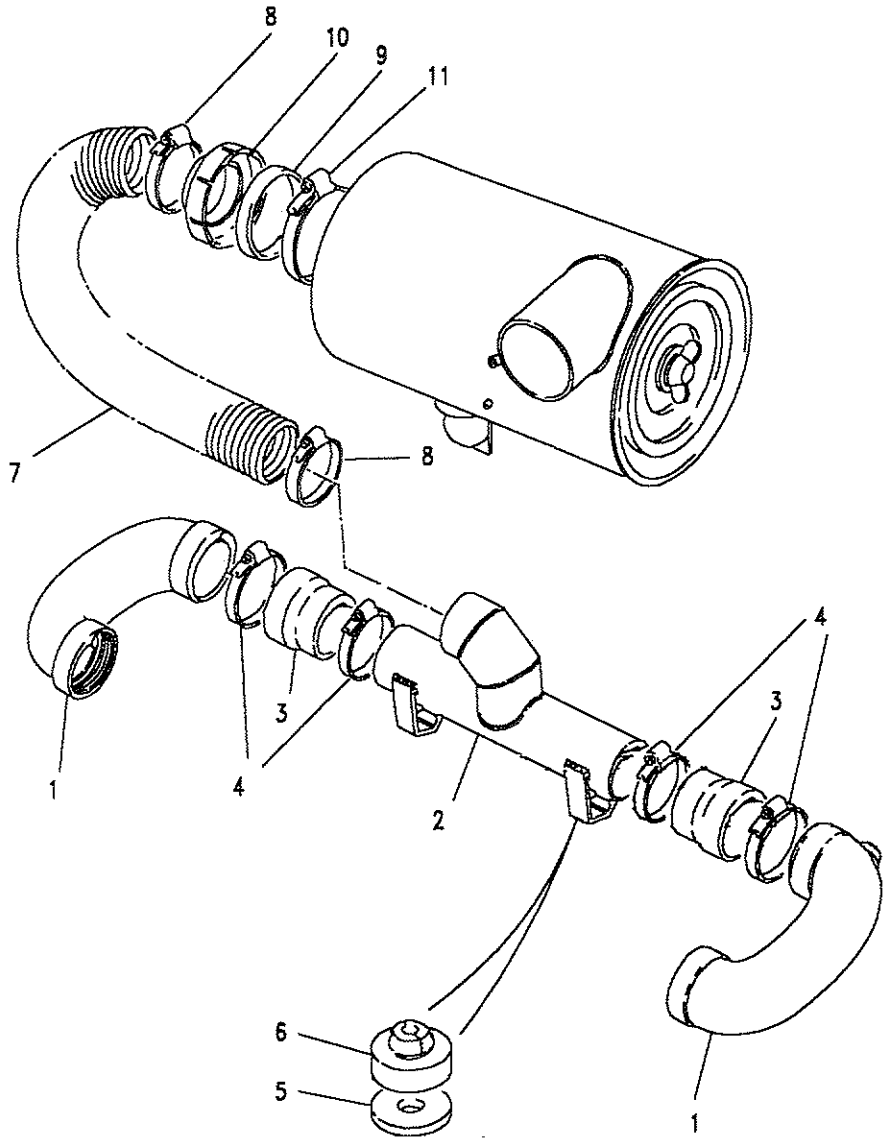
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RRC4002 | Air cleaner assembly | 1 | Upto VIN FA375497 |
| | NTC4183 | Air cleaner assembly | 1 | From VIN FA375498 |
| 2 | NRC9238 | Element | 1 | |
| | NRC9239 | Nut wing and gasket | 1 | |
| 3 | RRC3746 | O ring | 1 | |
| 4 | NRC8955 | Valve dump | 1 | Upto VIN FA375497 |
| | NTC3751 | Valve dump | 1 | From VIN FA375498 |
| 5 | SH106121L | Screw | 3 | |
| 6 | WL106001L | Washer spring | 3 | |
| 7 | NH106041L | Nut | 3 | |
| 8 | NTC1650 | Hose-to carburetter | 1 | |
| 9 | CJ600504L | Clip hose | 2 | |




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**FUEL SYSTEM - AIR CLEANER - V8**

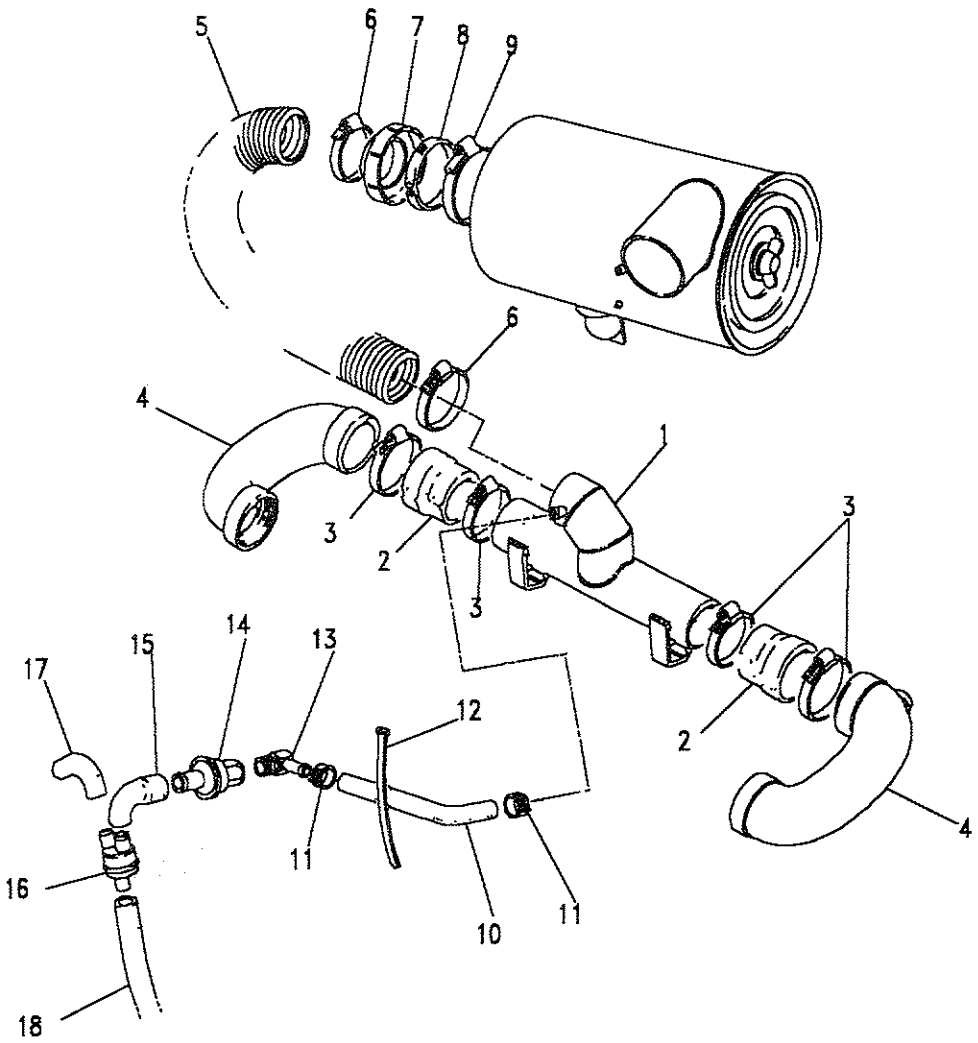
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC8505 | Air cleaner assembly | 1 | |
| 2 | RTC3479 | Element | 1 | |
| 3 | ERC3896 | Baffle | 1 | |
| 4 | RA607076 | Rivet | 3 | |
| 5 | 606247 | Clamp air cleaner | 1 | |
| 6 | STC1120 | Valve assembly air | 1 | |
| 7 | ERC3892 | Bracket | 1 | |
| | ERC3893 | Bracket | 1 | |
| 8 | ERC3946 | Strap air cleaner | 2 | Front |
| 9 | ERC3897 | Strap retaining | 2 | Rear |
| 10 | 572994 | Trunnion | 2 | |
| 11 | 578023 | Nut tension | 2 | |
| 12 | SH505051 | Screw | 4 | |
| 13 | WL600051L | Washer spring | 4 | |
| 14 | ERC3955 | Hose | 1 | To filter |
| 15 | ERC3954 | Hose | 1 | To block |
| 16 | 606168 | Filter | 1 | |
| 17 | 603962 | Clip retaining | 1 | |
| 18 | 79134 | Screw | 1 | |
| 19 | WL700101 | Washer spring | 1 | |




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**Page** ADJXPA3A

**FUEL SYSTEM - AIR-INLET ELBOWS - V8**

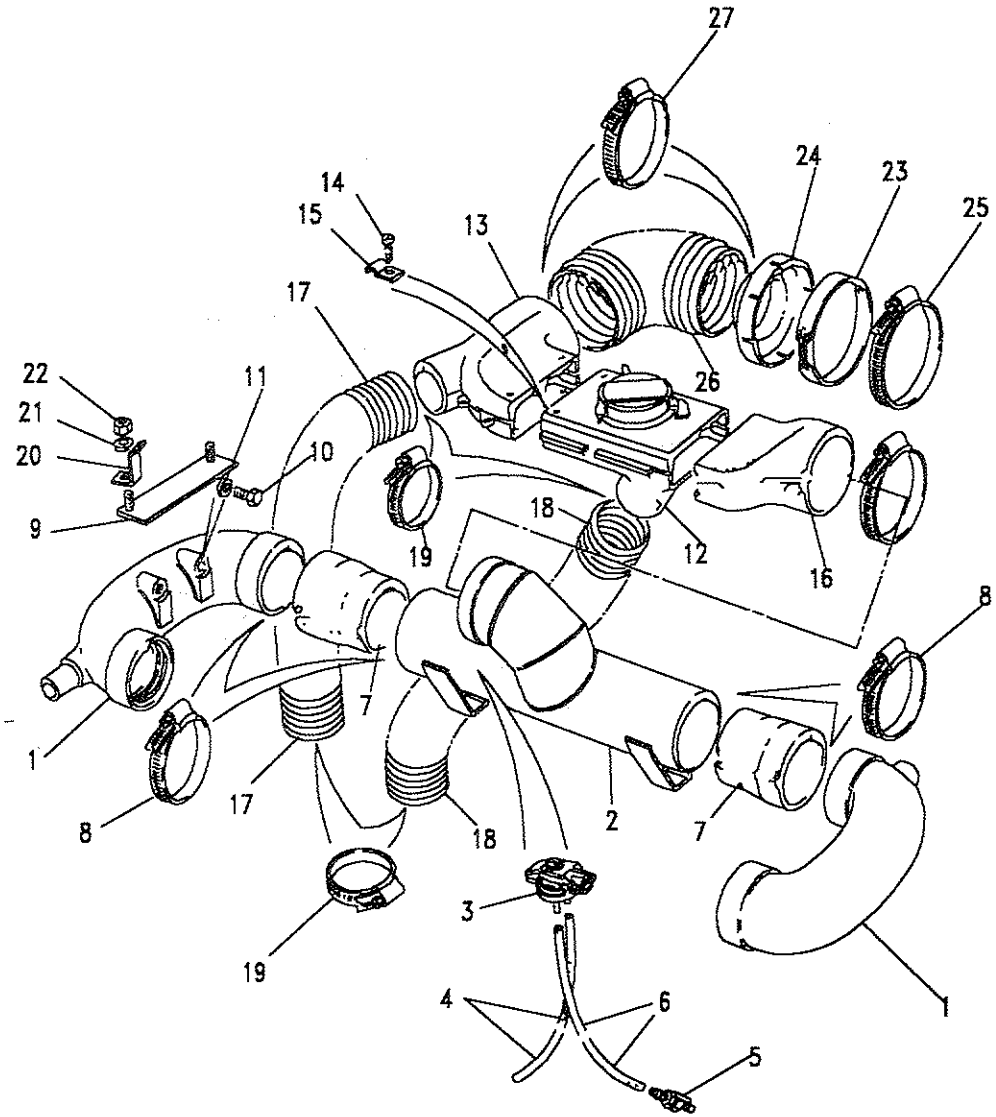
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Stromberg Carburetters - Non-detoxed** | | | | |
| 1 | ERC5247 | Elbow air inlet | 2 | |
| 2 | ERC5453 | Duct air | 1 | |
| 3 | ERC5052 | Hose | 2 | |
| 4 | RTC3518 | Clip hose | 4 | |
| 5 | 4594 | Spacer | 2 | |
| 6 | 603851 | Grommet | 2 | |
| 7 | ERC5401 | Hose air intake | 1 | |
| 8 | CA600424 | Clip hose | 2 | |
| 9 | ERC3899 | Seal air intake | 1 | |
| 10 | ERC5400 | Adaptor | 1 | |
| 11 | RTC3502 | Clip hose | 1 | |




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**Page** ADJXPA4A

**FUEL SYSTEM - AIR INLETS - V8**

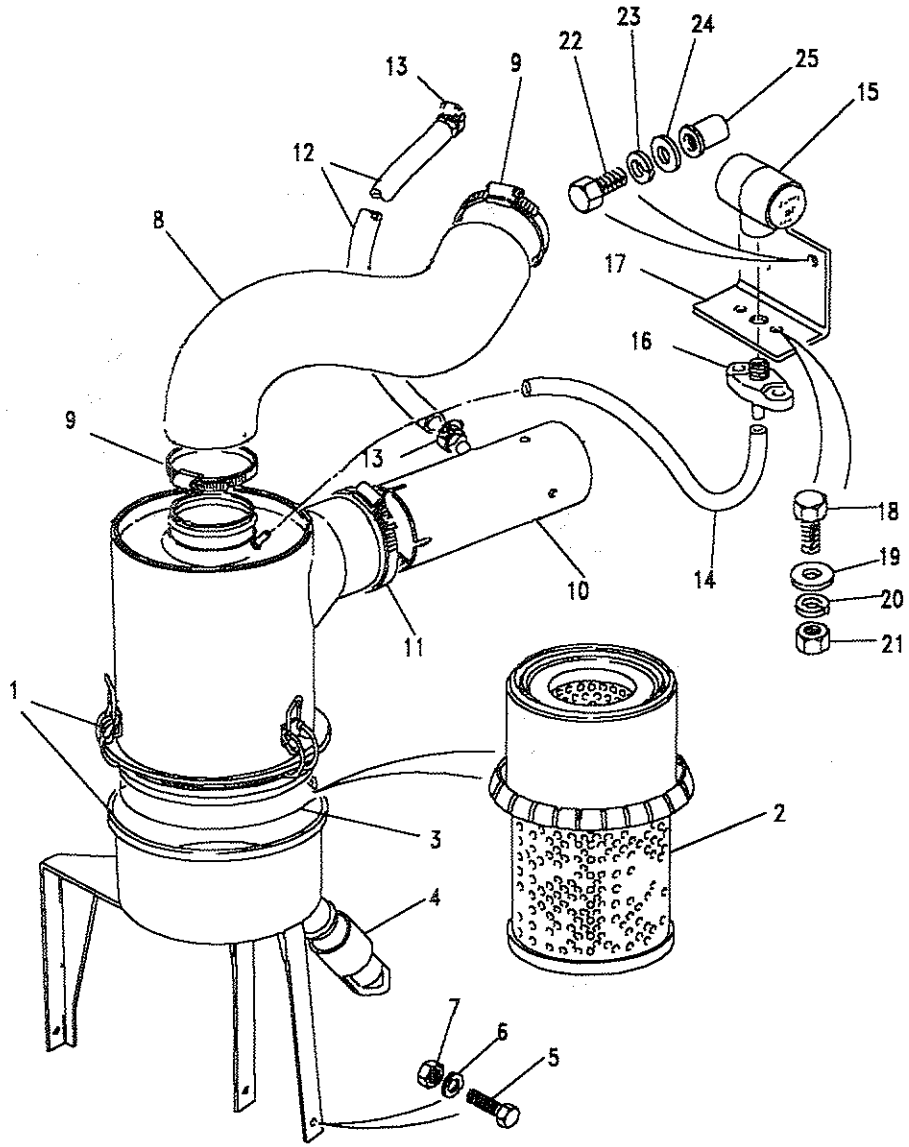
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **SU Carburetters - Non-detoxed** | | | | |
| 1 | ETC7193 | Duct air inlet | 1 | |
| 2 | ERC3915 | Hose | 2 | |
| 3 | RTC3519 | Clip hose | 4 | |
| 4 | ERC5247 | Elbow | 2 | |
| 5 | ERC3956 | Hose | 1 | |
| 6 | ETC5847 | Clip hose | 2 | |
| 7 | ERC3894 | Adaptor | 1 | |
| 8 | ERC3899 | Seal | 1 | |
| 9 | RTC3519 | Clip hose | 1 | |
| 10 | ETC7199 | Hose breather | 1 | |
| 11 | CN100308L | Clamp hose | 2 | |
| 12 | 594594 | Cable tie | 1 | |
| 13 | ETC7201 | Adaptor assembly | 1 | |
| 14 | ERC6878 | Valve check | 1 | |
| 15 | ETC7189 | Hose breather | 1 | |
| 16 | ETC7188 | Flame trap | 1 | |
| 17 | 611092 | Hose | 1 | To rocker cover |
| 18 | 611097 | Hose | 1 | To carburetter |




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**Page** ADJXPA5A

**FUEL SYSTEM - AIR TEMPERATER CONTROL**

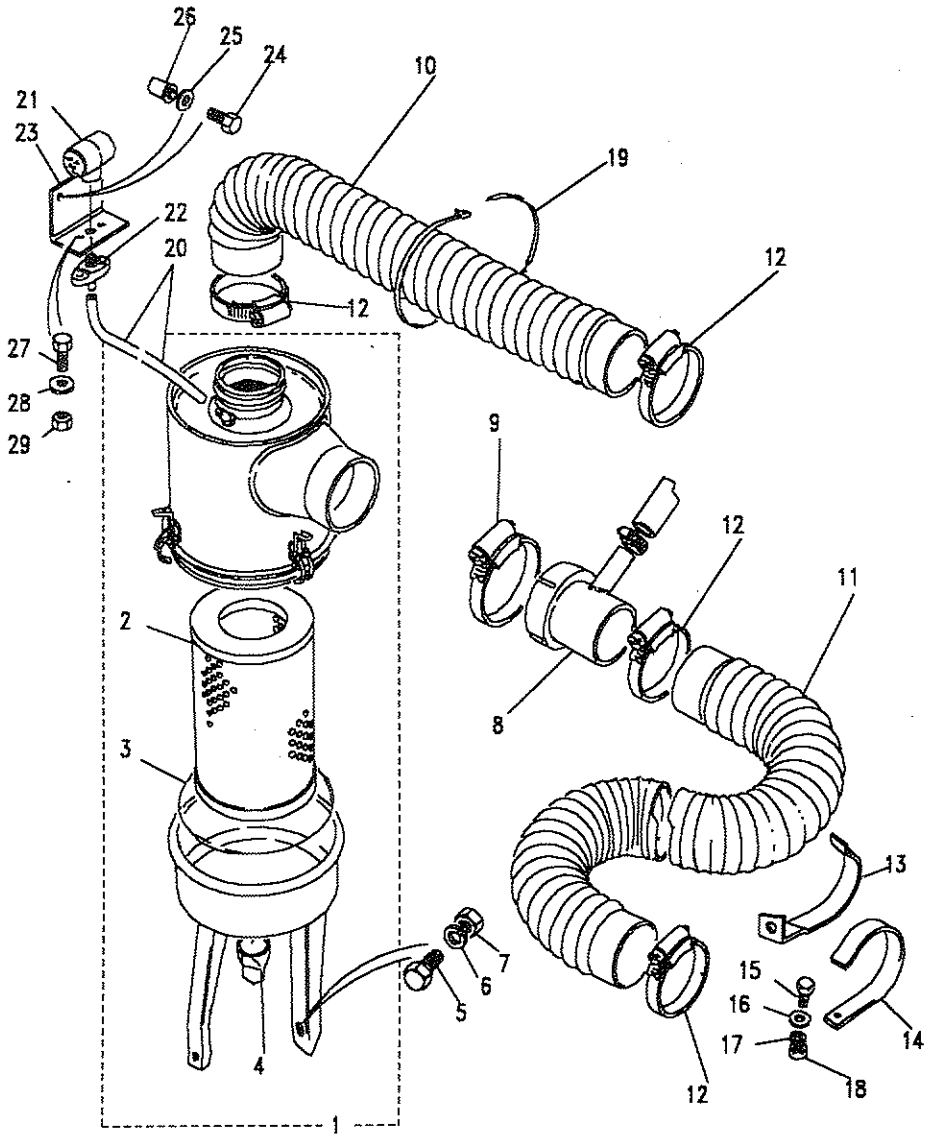
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **V8 Detoxed** | | | | |
| 1 | ERC9037 | Elbow air inlet | 2 | |
| 2 | ERC7144 | Duct air | 1 | |
| 3 | ERC6399 | Sensor | 1 | |
| 4 | 614892 | Hose | 2 | |
| 5 | 614866 | Valve non return | 1 | |
| 6 | 614891 | Hose | 1 | Sensor to valve |
| 7 | ERC5052 | Hose | 2 | Duct to elbow |
| 8 | RTC3518 | Clip hose | 4 | |
| 9 | ERC3890 | Bracket mounting | 1 | |
| 10 | SH108121L | Screw | 2 | |
| 11 | WL108001L | Washer spring | 1 | |
| 12 | ERC4591 | Valve air temp control | 1 | |
| 13 | ETC4639 | Adaptor | 1 | |
| | ETC5147 | Adaptor | 1 | Air Con |
| 14 | AB600031 | Screw | 4 | |
| 15 | 216708 | Clip-choke cable | 1 | |
| 16 | ERC3884 | Adaptor | 1 | |
| 17 | ERC4293 | Hose | 1 | |
| 18 | ERC4294 | Hose | 1 | |
| 19 | CN100508 | Clip hose | 4 | |
| 20 | ERC3891 | Clip-ATC valve | 2 | |
| 21 | WL600041L | Washer spring | 2 | |
| 22 | NH604041L | Nut | 2 | |
| 23 | ERC3899 | Seal air intake | 1 | |
| 24 | ERC5400 | Adaptor | 1 | |
| 25 | RTC3502 | Clip hose | 1 | |
| 26 | ERC4074 | Hose | 1 | |
| 27 | CA600424 | Clip hose | 2 | |




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**Page** ADJXPC1A

**FUEL SYSTEM - AIR CLEANER - DIESEL - NATURALLY ASPIRATED**

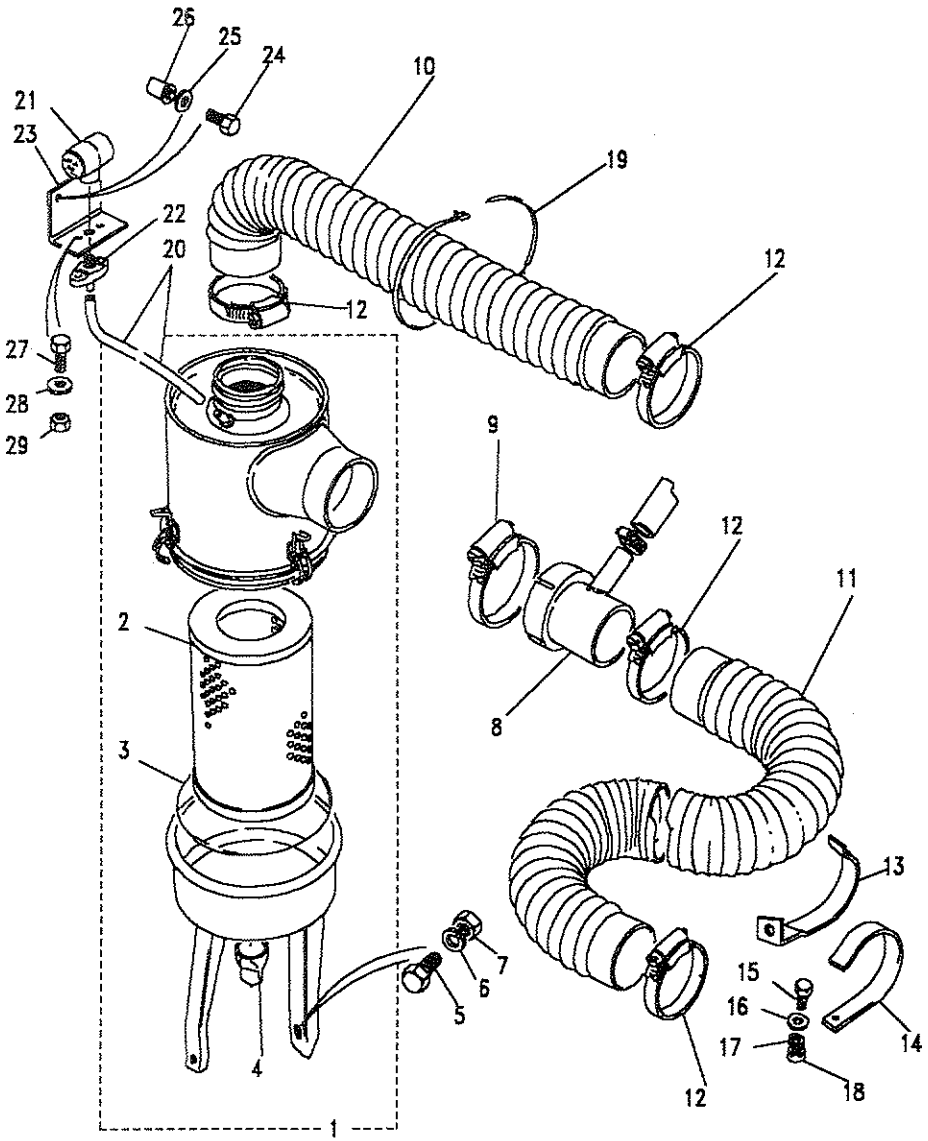
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RRC4002 | Air cleaner assembly | 1 | Upto VIN FA375497 |
| | NTC4183 | Air cleaner assembly | 1 | From VIN FA375498 |
| 2 | NRC9238 | Element | 1 | |
| | NRC9239 | Nut wing and gasket | 1 | |
| 3 | RRC3746 | O ring | 1 | |
| 4 | NRC8955 | Valve dump | 1 | Upto VIN FA375497 |
| | NTC3751 | Valve dump | 1 | From VIN FA375498 |
| 5 | SH106121L | Screw | 3 | |
| 6 | WL106001L | Washer spring | 3 | |
| 7 | NH106041L | Nut | 3 | |
| 8 | NRC8962 | Hose-to manifold | 1 | |
| 9 | CJ600504L | Clip hose | 2 | |
| 10 | NRC8987 | Resonator | 1 | Upto VIN FA375497 |
| | NTC4612 | Resonator | 1 | From VIN FA375498 |
| 11 | CJ600504L | Clip hose | 1 | |
| 12 | ETC7969 | Hose-to top breather | 1 | ) |
| 13 | CJ600164L | Clip hose | 2 | ) |
| 14 | NTC4187 | Hose-to indicator | 1 | ) |
| 15 | NTC4611 | Indicator restriction | 1 | )From VIN |
| 16 | NTC4224 | Flange adaptor | 1 | )FA375498 |
| 17 | RRC3011 | Bracket support | 1 | ) |
| 18 | FS106167L | Screw | 2 | ) |
| 19 | WA106041L | Washer plain | 2 | ) |
| 20 | WL106001L | Washer spring | 2 | ) |
| 21 | NH106041L | Nut | 2 | ) |
| 22 | SH106121L | Screw | 2 | ) |
| 23 | WL106001L | Washer spring | 2 | ) |
| 24 | WA106041L | Washer plain | 2 | ) |
| 25 | NN106011L | Rivnut | 2 | ) |




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**Page** ADJXPC2A

**FUEL SYSTEM - AIR CLEANER - DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC4183 | Air cleaner assembly | 1 | |
| 2 | NRC9238 | Element | 1 | |
| 3 | RRC3746 | O ring | 1 | |
| 4 | NTC3751 | Valve dump | 1 | |
| 5 | SH106121L | Screw | 3 | |
| 6 | WL106001L | Washer spring | 3 | |
| 7 | NH106041L | Nut | 3 | |
| 8 | NTC4655 | Adaptor-air cleaner | 1 | |
| | RRC5528 | Adaptor-air cleaner | 1 | Note(1) |
| 9 | CJ600564 | Clip hose | 1 | |
| 10 | NTC2660 | Hose-air cleaner to turbo | 1 | |
| 11 | NTC2830 | Hose-wing to air cleaner | 1 | |
| 12 | CJ600504 | Clip hose | 4 | |
| 13 | NTC3778 | Bracket retaining-LHD | 1 | |
| | NTC3778 | Bracket retaining-RHD | 1 | Upto VIN 372172 |
| 14 | ESR1004 | Bracket retaining-RHD | 1 | From VIN 372173 |
| 15 | SH106207 | Screw | 1 | |

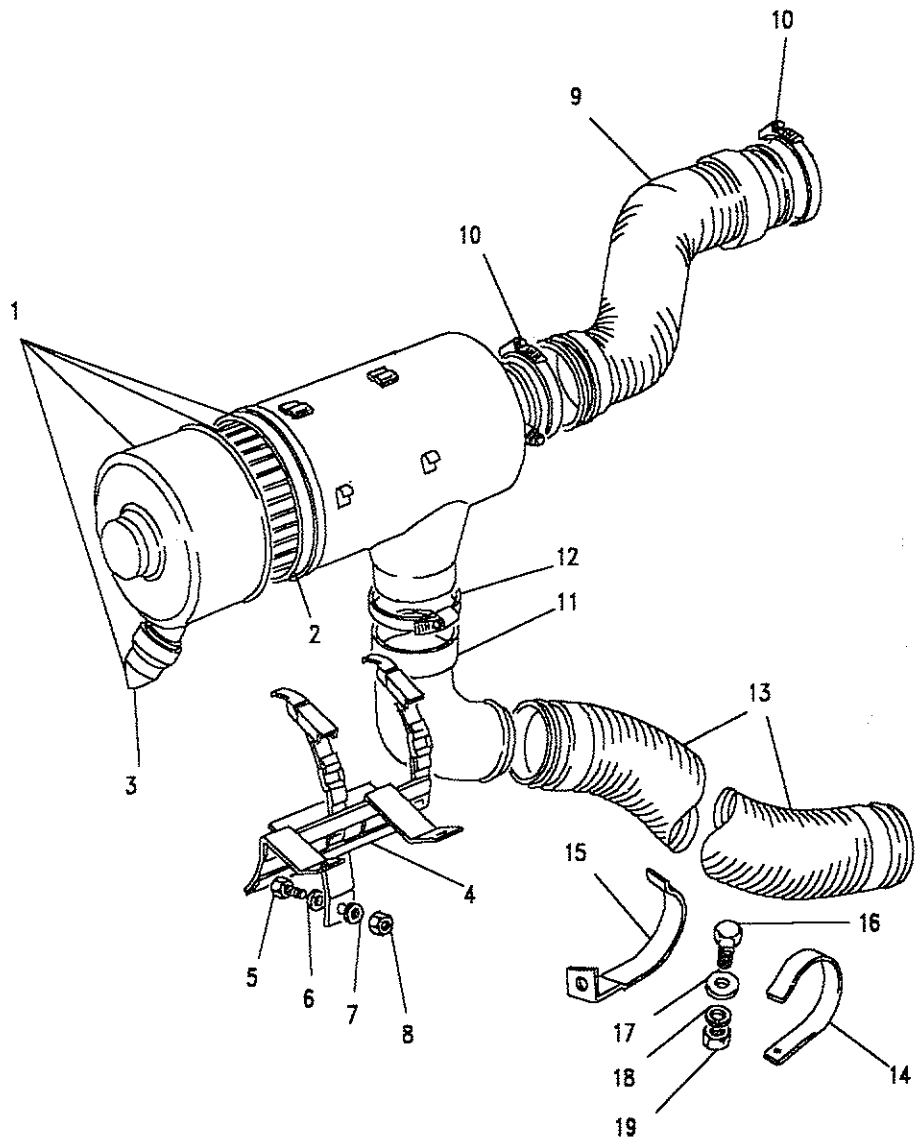



**Model** DEFENDER 90
**Page** ADJXPC2A

**FUEL SYSTEM - AIR CLEANER - DIESEL TURBO**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 16 | WA106047L | Washer plain | 2 | |
| 17 | WL106007L | Washer spring | 2 | |
| 18 | NH106047L | Nut | 1 | |
| 19 | 594594 | Cable tie | 1 | |
| 20 | NTC4187 | Hose-to indicator | 1 | |
| | RRC5727 | Hose-to indicator | 1 | Note(1) |
| 21 | RRC2800 | Indicator restriction | 1 | Upto VIN 329985 |
| | NTC4611 | Indicator restriction | 1 | From VIN 329986 |
| 22 | NTC4224 | Flange adaptor | 1 | |
| 23 | RRC3011 | Bracket support | 1 | |
| 24 | SH106121L | Screw | 2 | |
| 25 | WA106041L | Washer plain | 2 | |
| 26 | NN106011L | Nutsert | 2 | |
| 27 | FS106167L | Screw | 2 | |
| 28 | WA106041L | Washer plain | 2 | |
| 29 | NH106041L | Nut | 2 | |

Note(1) For vehicles with raised air intake



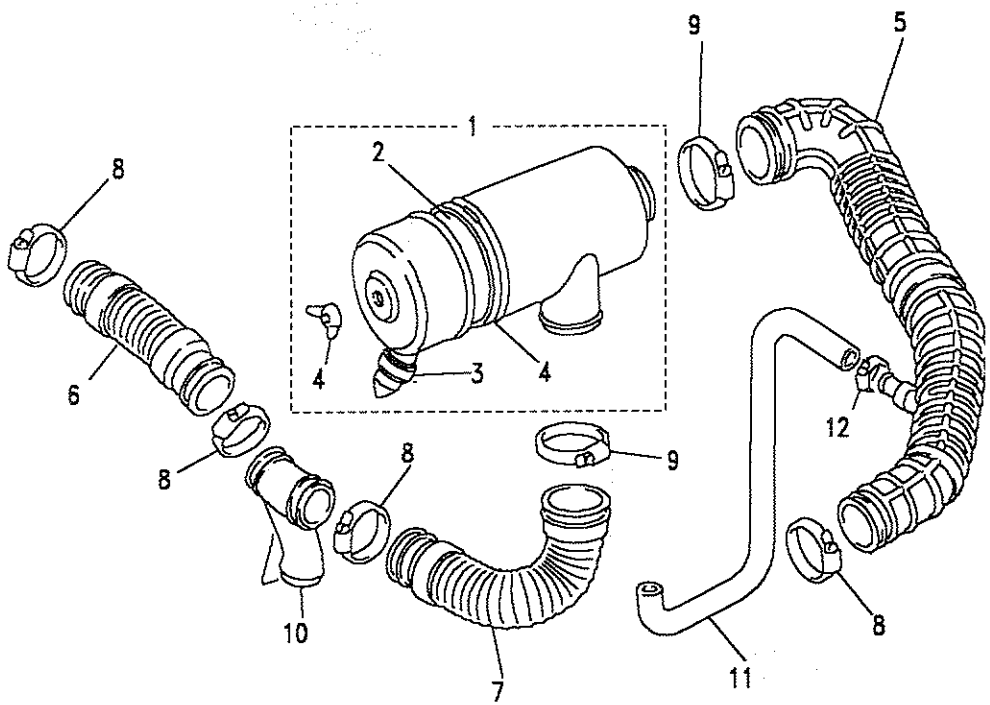

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**Page** ADJXPC3A

**FUEL SYSTEM - AIR CLEANER - 200TDI**

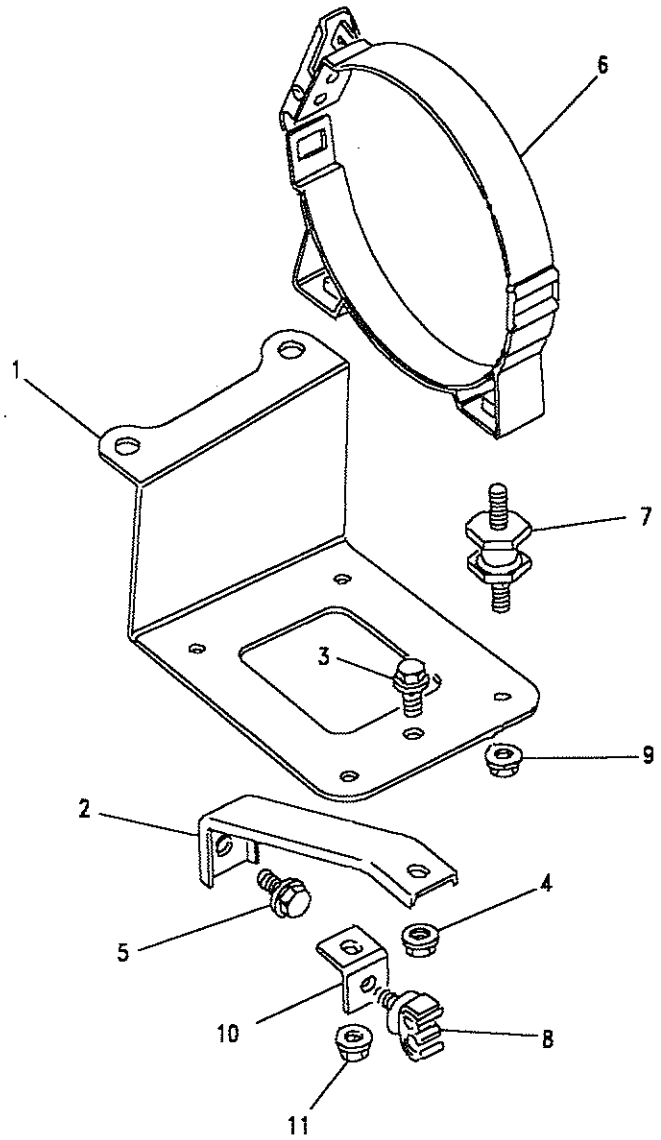
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ESR370 | Air cleaner assembly | 1 | |
| 2 | NTC6660 | Element | 1 | |
| | NRC9239 | Nut wing and gasket | 1 | |
| 3 | NRC8955 | Valve dump | 1 | |
| 4 | ESR276 | Cradle | 1 | |
| 5 | FS106167L | Screw | 3 | |
| 6 | WA106041L | Washer plain | 3 | |
| 7 | WL106001L | Washer spring | 3 | |
| 8 | NH106041L | Nut | 3 | |
| 9 | ESR415 | Hose-to turbo | 1 | |
| 10 | STC128 | Clip hose | 2 | |
| 11 | ESR228 | Elbow | 1 | |
| 12 | CN100908L | Clip hose | 1 | |
| 13 | ESR184 | Hose-intake | 1 | |
| 14 | ESR1004 | Bracket retaining-RHD | 1 | |
| 15 | NTC3778 | Bracket retaining-LHD | 1 | |
| 16 | SH106207 | Screw | 1 | |
| 17 | WA106047L | Washer plain | 2 | |
| 18 | WL106007L | Washer spring | 2 | |
| 19 | NH106047L | Nut | 1 | |

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## FUEL SYSTEM - AIR CLEANER - 300TDI



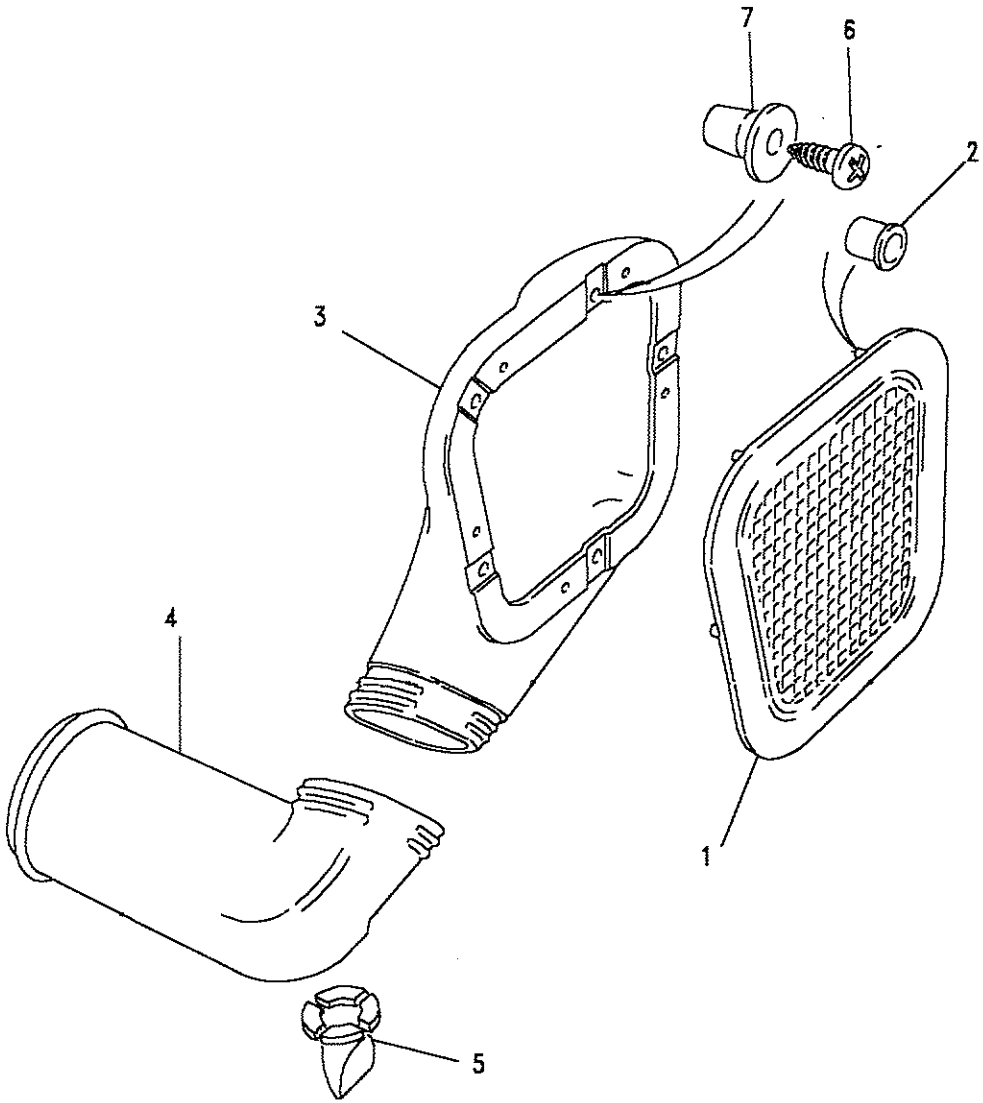

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Air cleaner assembly** | | | | |
| 1 | ESR2102 | Air cleaner asseembly | 1 | |
| 2 | ESR2623 | Filter element | 1 | |
| 3 | NRC8955 | Valve dump | 1 | |
| 4 | NRC9239 | Nut & gasket | 1 | |
| 5 | ESR2731 | Hose air cleaner to turbo | 1 | |
| 6 | ESR3028 | Hose intake to dump valve | 1 | |
| 7 | ESR3032 | Hose dump to air cleaner | 1 | |
| 8 | CN100708 | Clip hose | 4 | |
| 9 | CN100908 | Clip hose | 2 | |
| 10 | ESR3162 | Dump valve & bracket assy | 1 | |
| 11 | ERR4926 | Hose cyclone to a/cleaner | 1 | |
| 12 | CN100258 | Clip hose | 1 | |




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**Page** ADJXPC3C

**FUEL SYSTEM - AIR CLEANER - 300TDI**

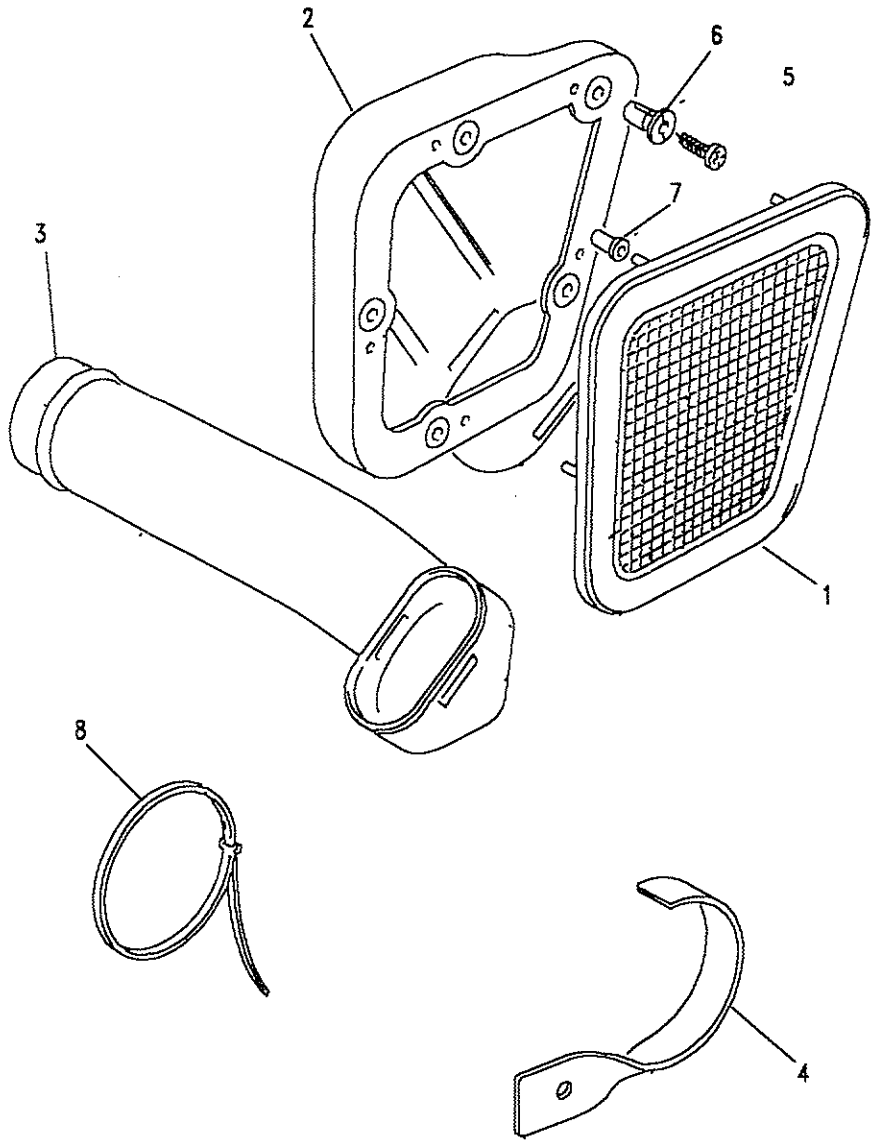
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Air cleaner mountings** | | | | |
| 1 | ERR2850 | Bracket mounting | 1 | |
| 2 | ERR2851 | Strut air cleaner bracket | 1 | |
| 3 | FS108161 | Screw flanged | 1 | |
| 4 | FN108041 | Nut flanged | 1 | |
| 5 | FS108201L | Screw flanged | 1 | |
| 6 | ERR4688 | Strap air cleaner | 2 | |
| 7 | ERR2337 | Mounting rubber | 4 | |
| 8 | ESR1373 | Clip pipe | 1 | |
| 9 | FN106047L | Nut flanged | 2 | |
| 10 | NRC2089 | Rear mounting bracket | 1 | |
| 11 | FN106047L | Nut flanged | 2 | |




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**Page** ADJXPC5A

**FUEL SYSTEM - AIR INTAKE - DIESEL TURBO & 200TDI**

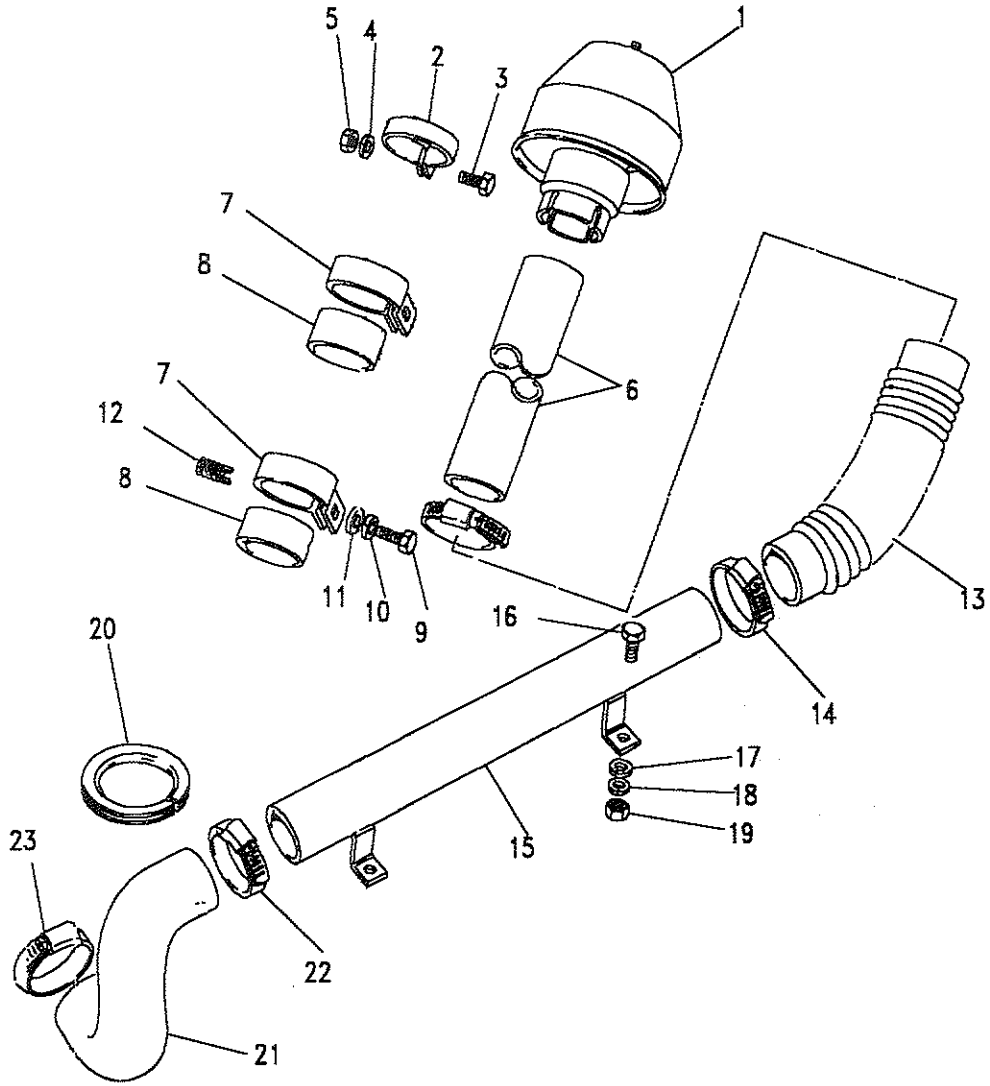
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MWC2501 | Grille air intake | 1 | |
| 2 | 359526 | Bush badge fixing | 5 | |
| 3 | MWC1826 | Duct air | 1 | Upper |
| 4 | MWC1827 | Duct air | 1 | Lower |
| 5 | MUC2417 | Valve dump | 1 | |
| 6 | AB608047L | Screw | 5 | |
| 7 | AFU1926 | Nut captive | 5 | |




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**Page** ADJXPC5B

**FUEL SYSTEM - AIR INTAKE - 300TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Air intake** | | | | |
| 1 | BTR6188 | Grille air intake | 1 | |
| 2 | ESR3173 | Duct air upper RH | 1 | |
| 3 | ESR3175 | Duct air lower RH | 1 | |
| 4 | ESR2315 | Bracket intake support | 1 | |
| 5 | AB608041 | Screw - air duct | 5 | |
| 6 | AFU1926 | Nut captive | 5 | |
| 7 | AJU1136 | Stud anchor | 5 | |
| 8 | 359526 | Bush friction | 5 | |
| 9 | 594594 | Tyrap strap | 1 | |

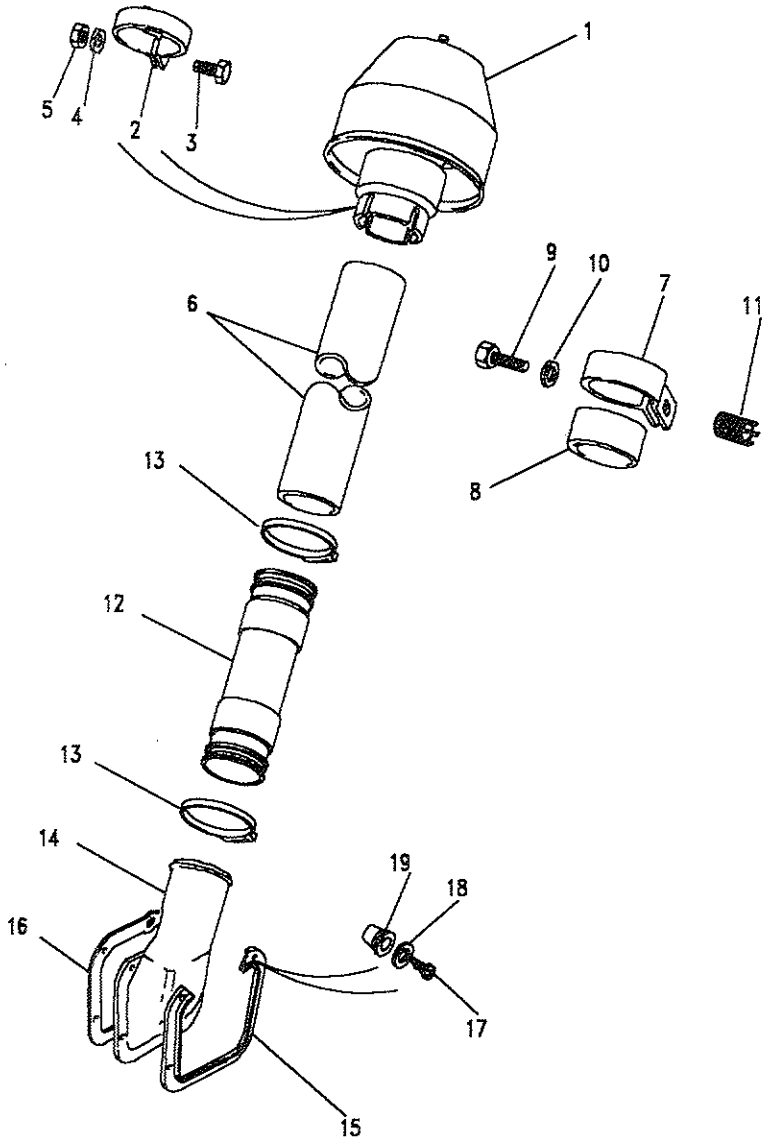



**Model** DEFENDER 90
**Page** ADJXPC4A

**FUEL SYSTEM - RAISED AIR CLEANER - 4 CYLINDER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Not suitable for 200Tdi - Note(1)** | | | | |
| 1 | NRC6920 | Air cleaner assembly | 1 | Raised |
| 2 | NRC6919 | Clamp | 1 | |
| 3 | SH106201 | Screw | 1 | |
| 4 | WL106001 | Washer spring | 1 | |
| 5 | NH106041L | Nut | 1 | |
| 6 | NRC7457 | Pipe air cleaner | 1 | |
| 7 | NRC7154 | Clamp | 2 | Upto VIN 323866 |
| | NTC4257 | Clamp | 2 | From VIN 323867 |
| 8 | 276426 | Seal | 2 | |
| 9 | FS106201L | Flange screw | 2 | |
| 10 | WA106041L | Washer plain | 2 | |
| 11 | WL106001L | Washer spring | 2 | |
| 12 | ML106015 | Insert helicoil | 2 | |
| 13 | NRC6254 | Hose | 1 | |
| 14 | CJ600504 | Clip hose | 2 | |
| 15 | NRC9107 | Pipe assembly | 1 | |
| 16 | SH106121L | Screw | 4 | |
| 17 | WA106041L | Washer plain | 4 | |
| 18 | WL106001 | Washer spring | 4 | |
| 19 | NH106041L | Nut | 4 | |
| 20 | MTC7513 | Strip seal | A/R | |
| 21 | NRC8984 | Hose | 1 | |
| 22 | CJ600504L | Clip hose | 1 | |
| 23 | RTC3518 | Clip hose | 1 | |

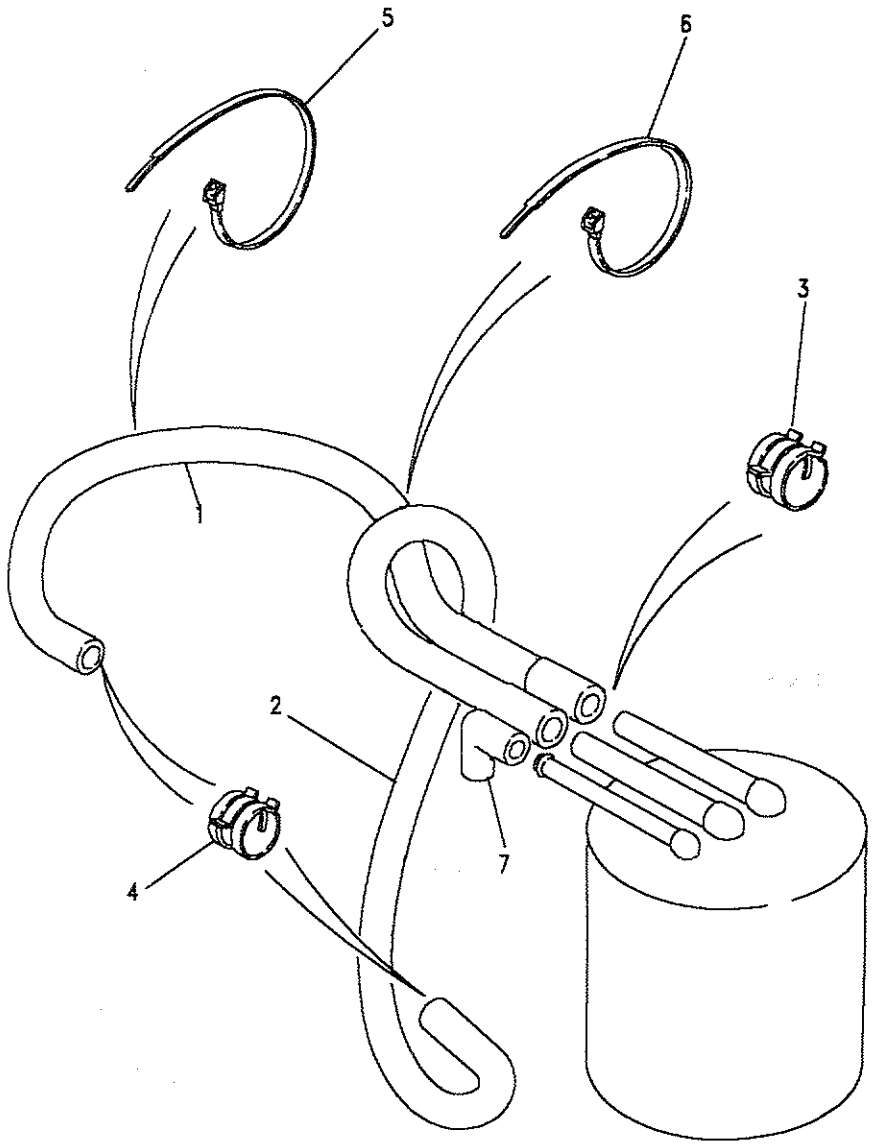
Note(1) 200Tdi see page 641




**Model** DEFENDER 90
**Page** ADJXPC6A

**FUEL SYSTEM - RAISED AIR CLEANER - 200TDI**

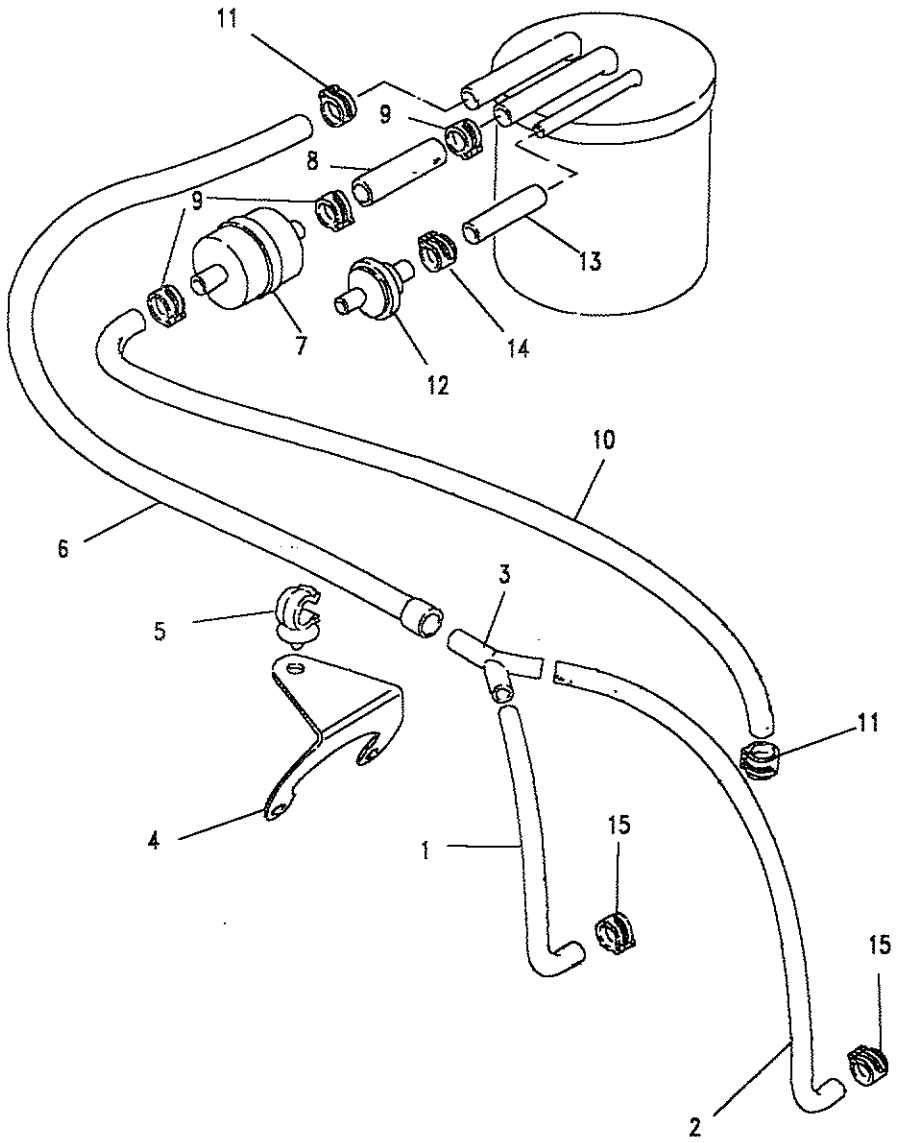
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC6920 | Air cleaner assembly | 1 | Raised |
| 2 | NRC6919 | Clamp | 1 | |
| 3 | SH106207L | Screw | 1 | |
| 4 | WA106047L | Washer plain | 1 | |
| 5 | NH106047L | Nut | 1 | |
| 6 | NRC7457 | Pipe air cleaner | 1 | |
| 7 | NTC4257 | Clamp | 2 | |
| 8 | 276426 | Seal | 2 | |
| 9 | SH106207 | Screw | 2 | |
| 10 | WA106047L | Washer plain | 2 | |
| 11 | ML106015 | Insert helicoil | 2 | |
| 12 | ESR1128 | Hose | 1 | |
| 13 | ESR1269 | Clip hose | 2 | |
| 14 | ESR1127 | Duct air | 1 | |
| 15 | ESR1225 | Clamp | 1 | |
| 16 | ESR1265 | Gasket | 1 | |
| 17 | AB608067 | Screw | 6 | |
| 18 | WA105001L | Washer plain | 6 | |
| 19 | AJU1136L | Snapsac | 5 | |




**Model** DEFENDER 90
**Page** ADJXTA1A

**FUEL SYSTEM - EVAPORATIVE LOSS - 4 CYLINDER PETROL**

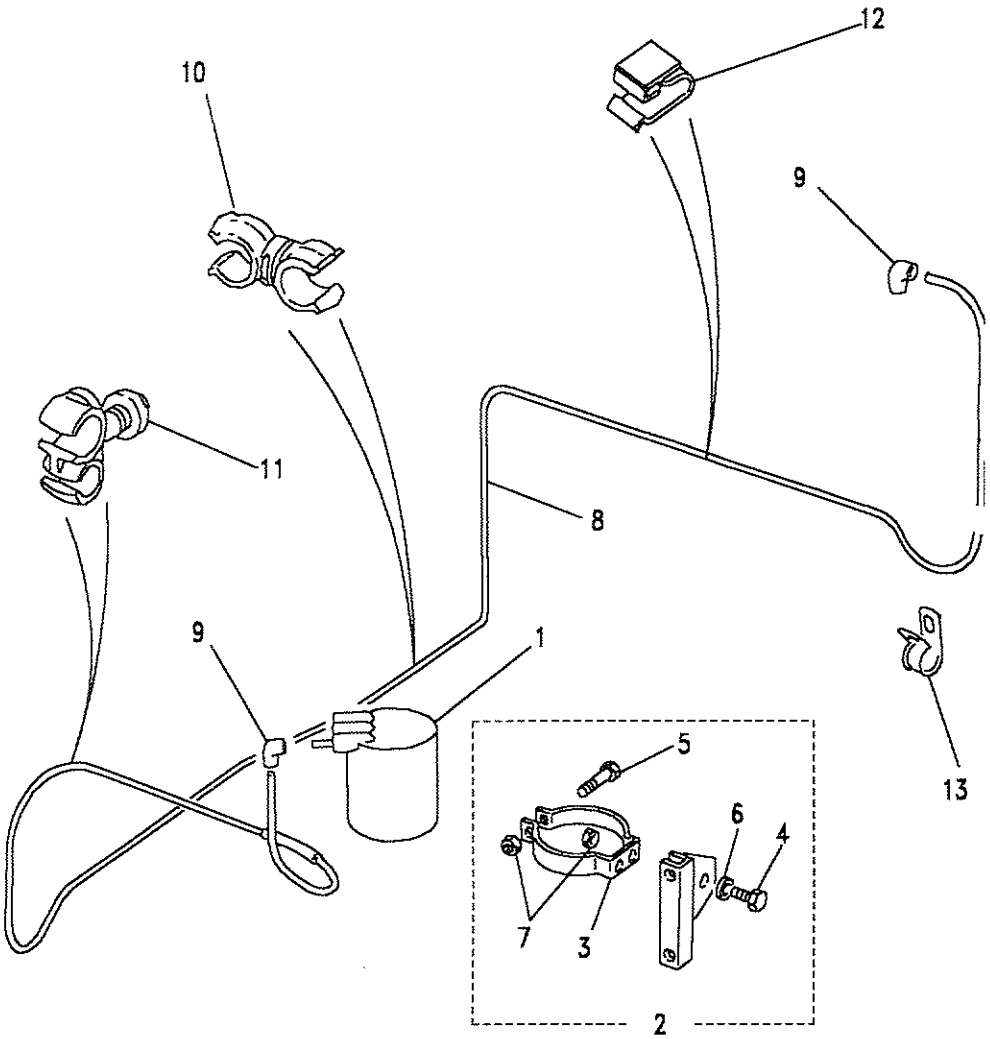
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ETC6932 | Hose-to carburetter | 1 | |
| 2 | ETC5397 | Hose-to engine | 1 | |
| 3 | UKC3798L | Clamp hose | 2 | |
| 4 | UKC3803L | Clamp hose | 2 | |
| 5 | UKC6683L | Strap | 1 | |
| 6 | C45099 | Strap | 1 | |
| 7 | 577458 | Elbow rubber | 1 | |




**Model** DEFENDER 90
**Page** ADJXTA2A

**FUEL SYSTEM - EVAPORATIVE LOSS - V8 SU CARBURETTERS**

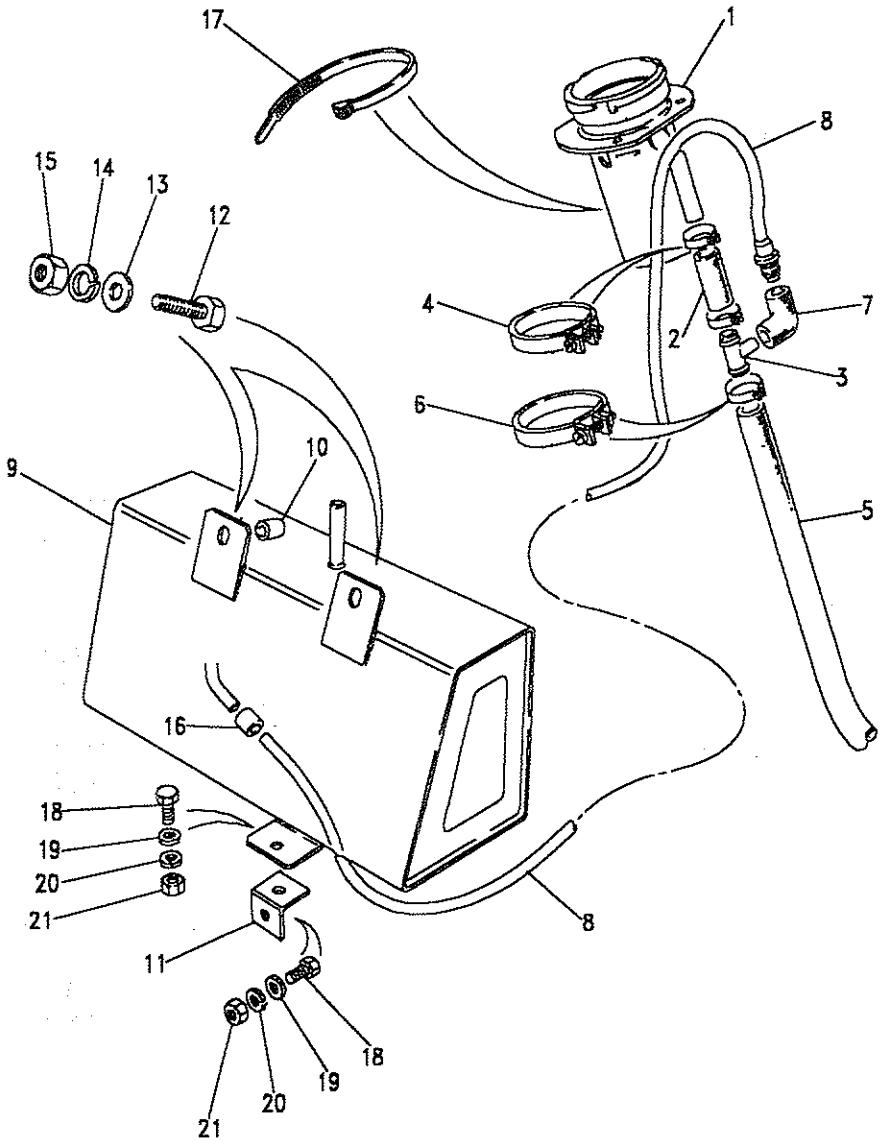
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC3763 | Hose-to Carburetter | 1 | 110mm |
| 2 | NTC3764 | Hose-to carburetter | 1 | 293mm |
| 3 | 566724L | Y piece | 1 | |
| 4 | NTC3862 | Bracket support | 1 | |
| 5 | NTC3863 | Pipe Clip | 1 | |
| 6 | NTC3766 | Hose | 1 | |
| 7 | 606168 | Filter | 1 | |
| 8 | ERC4176 | Hose | 1 | RHS |
| | ETC5397 | Hose | 1 | LHS |
| 9 | UKC3794L | Clamp hose | 3 | |
| 10 | ETC5398 | Hose-to engine | 1 | RHS |
| | ERC3955 | Hose-to engine | 1 | LHS |
| 11 | UKC3798L | Clamp hose | 2 | |
| 12 | NTC3891 | Valve pressure/vacuum | 1 | |
| 13 | ERC4176 | Hose | 1 | |
| 14 | UKC3795L | Clamp hose | 1 | |
| 15 | UKC3803L | Clamp hose | 2 | |




**Model** DEFENDER 90
**Page** ADJXTA3A

## FUEL SYSTEM - EVAPORATIVE LOSS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | AFU1085L | Canister charcoal | 1 | |
| 2 | ESR1278 | Bracket support | 1 | |
| 3 | NRC4776 | Clamp | 1 | |
| 4 | SH106141L | Screw | 2 | |
| 5 | SH106351L | Screw | 1 | |
| 6 | WL106001L | Washer spring | 2 | |
| 7 | NY106041L | Nut | 3 | |
| 8 | NTC1304 | Pipe-to catch tank | 1 | |
| 9 | 577458 | Elbow rubber | 2 | |
| 10 | NTC3333 | Clip swivel | 5 | |
| 11 | NRC5415 | Pipe clip | 2 | V8 |
| 12 | NTC1310 | Pipe clip | 3 | |
| 13 | CP108081L | Pipe clip | 1 | |




**Model** DEFENDER 90
**Page** ADJXTA4A

**FUEL SYSTEM - EVAPORATIVE LOSS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC9423 | Fuel filler | 1 | |
| 2 | NRC2159 | Connection hose | 1 | |
| 3 | NRC2652 | Tee piece | 1 | |
| 4 | CN100168L | Clip hose | 3 | |
| 5 | NRC2214 | Hose breather | 1 | |
| 6 | 603887 | Clip hose | 1 | |
| 7 | 577458 | Elbow rubber | 1 | |
| 8 | NTC1305 | Pipe | 1 | |
| 9 | NRC9472 | Catch tank | 1 | |
| 10 | NTC1306 | Spacer | 1 | |
| 11 | NTC1307 | Bracket support | 1 | |
| 12 | SH108301L | Screw | 2 | |
| 13 | WA108051L | Washer plain | 2 | |
| | AFU1079 | Washer plain | 2 | |
| 14 | WL108001L | Washer spring | 2 | |
| 15 | FN108041L | Nut | 2 | |
| 16 | 577459 | Connector | 1 | |
| 17 | C45099 | Cable tie | 1 | |
| 18 | SH108161L | Screw | 2 | |
| 19 | WA108051L | Washer plain | 2 | |
| 20 | WL108001L | Washer spring | 2 | |
| 21 | FN108041L | Nut | 2 | |

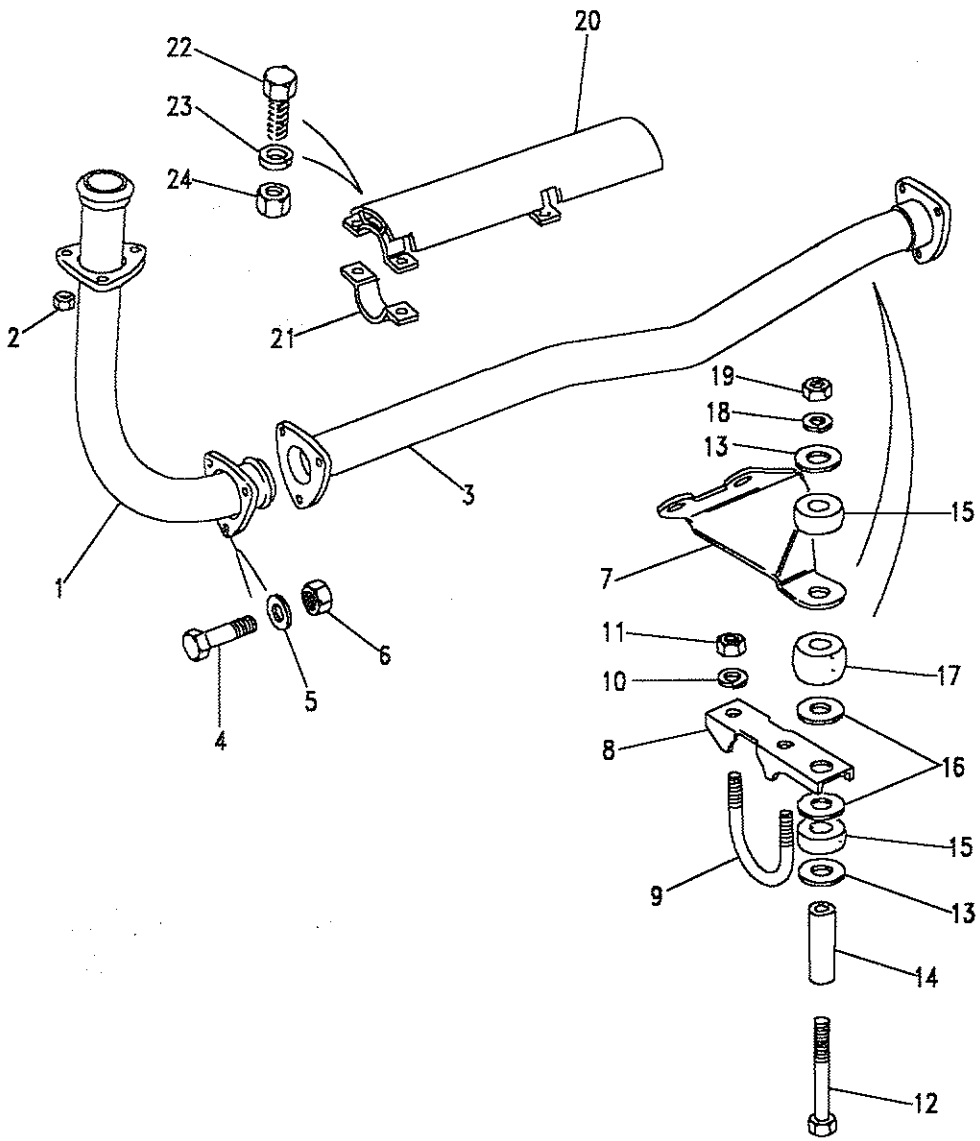
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GROUP K

EXHAUST SYSTEM

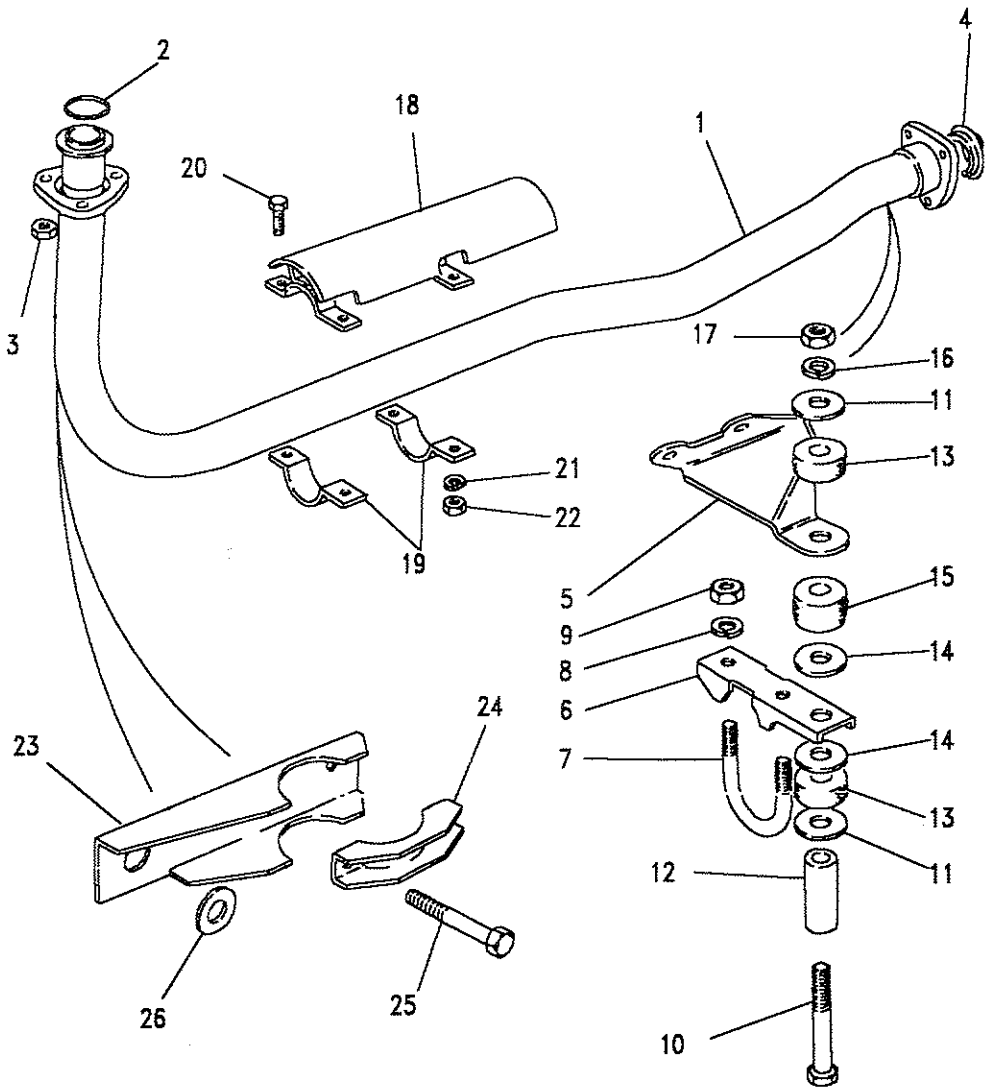

| | |
|---|---|
| EXHAUST SYSTEM | |
| FRONT - 4 CYL PETROL AND NAT ASP DIESEL | 647 - 649 |
| FRONT - V8 | 650 - 652 |
| REAR - SEE NOTES | 653 - 654 |
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| REAR - TDI | 660 |




**Model** DEFENDER 90
**Page** ADKXAA1A

**EXHAUST SYSTEM - FRONT - 4 CYL PETROL AND NAT ASP DIESEL**

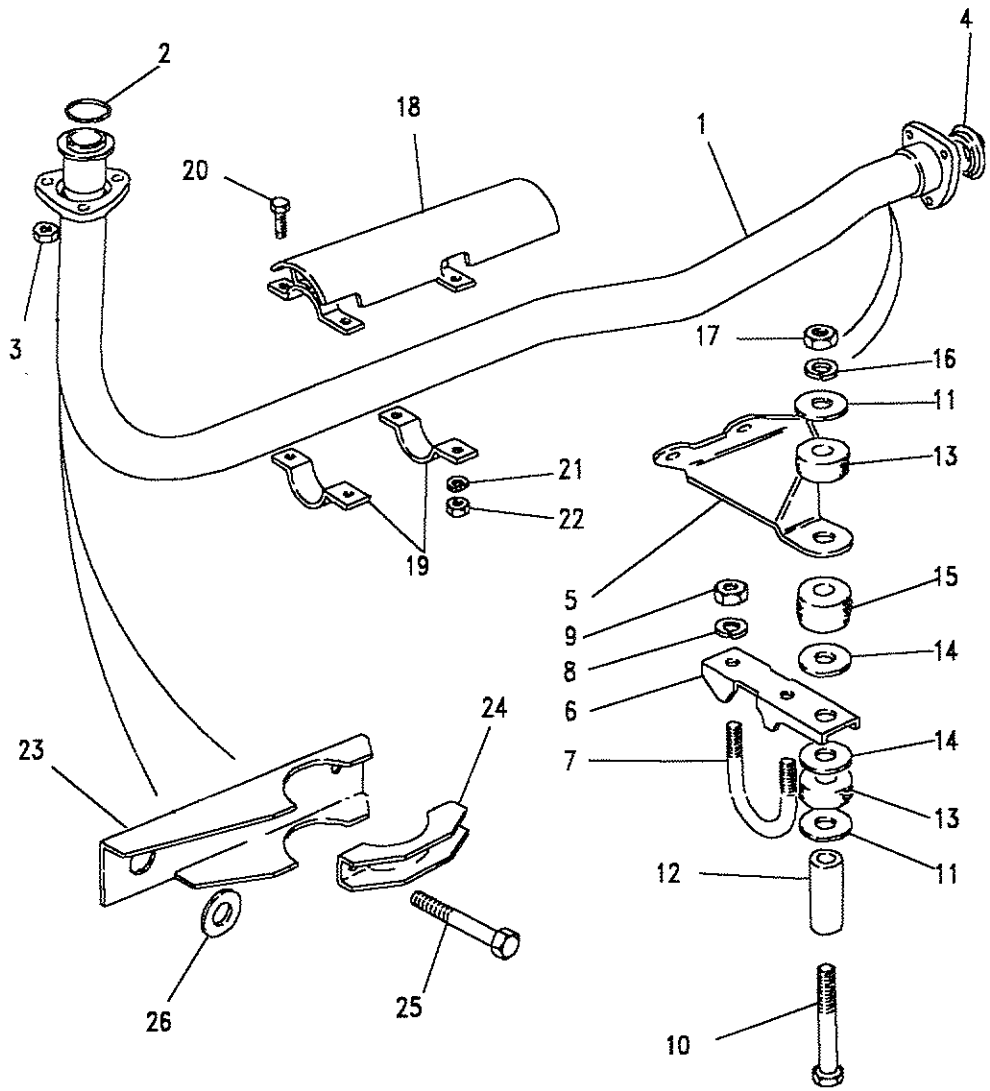
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 267063** | | | | |
| 1 | NRC8911 | Downpipe | 1 | 2.25 petrol |
| | NTC2036 | Downpipe | 1 | 2.5 petrol |
| | NRC9137 | Downpipe | 1 | Diesel |
| 2 | AFU2778 | Nut | 3 | |
| 3 | NRC6436 | Pipe intermediate | 1 | |
| | NTC1664 | Pipe intermediate | 1 | 2.5 petrol |
| 4 | FB108081L | Bolt flanged | 3 | |
| 5 | WL108001L | Washer spring | 3 | |
| 6 | FN108041L | Nut | 3 | |
| 7 | NRC7778 | Bracket mounting | 1 | |
| 8 | NRC6467 | Clamp exhaust | 1 | |
| 9 | NRC6466 | U bolt | 1 | |
| 10 | WL108001L | Washer spring | 2 | |
| 11 | FN108041L | Nut | 2 | |
| 12 | SH108701L | Bolt | 1 | |
| 13 | WP105L | Washer plain | 2 | |
| 14 | NRC5403 | Spacer | 1 | |
| 15 | 572166 | Bush rubber | 2 | |
| 16 | 572168 | Washer | 2 | |
| 17 | 572167 | Bush rubber | 1 | |
| 18 | WL108001L | Washer spring | 1 | |
| 19 | FN108041L | Nut | 1 | |
| 20 | NRC9733 | Heatshield exhaust | 1 | |
| | NTC5205 | Heatshield exhaust | 1 | 2.5 petrol |
| 21 | NRC9722 | Clamp exhaust | 2 | |
| | NTC2278 | Clamp exhaust | 1 | 2.5 petrol |
| 22 | FS108201L | Screw | 4 | |
| 23 | WL108001L | Washer spring | 4 | |
| 24 | FN108041L | Nut | 4 | |




**Model** DEFENDER 90
**Page** ADKXAA2A

**EXHAUST SYSTEM - FRONT - 4 CYL PETROL AND NAT ASP DIESEL**

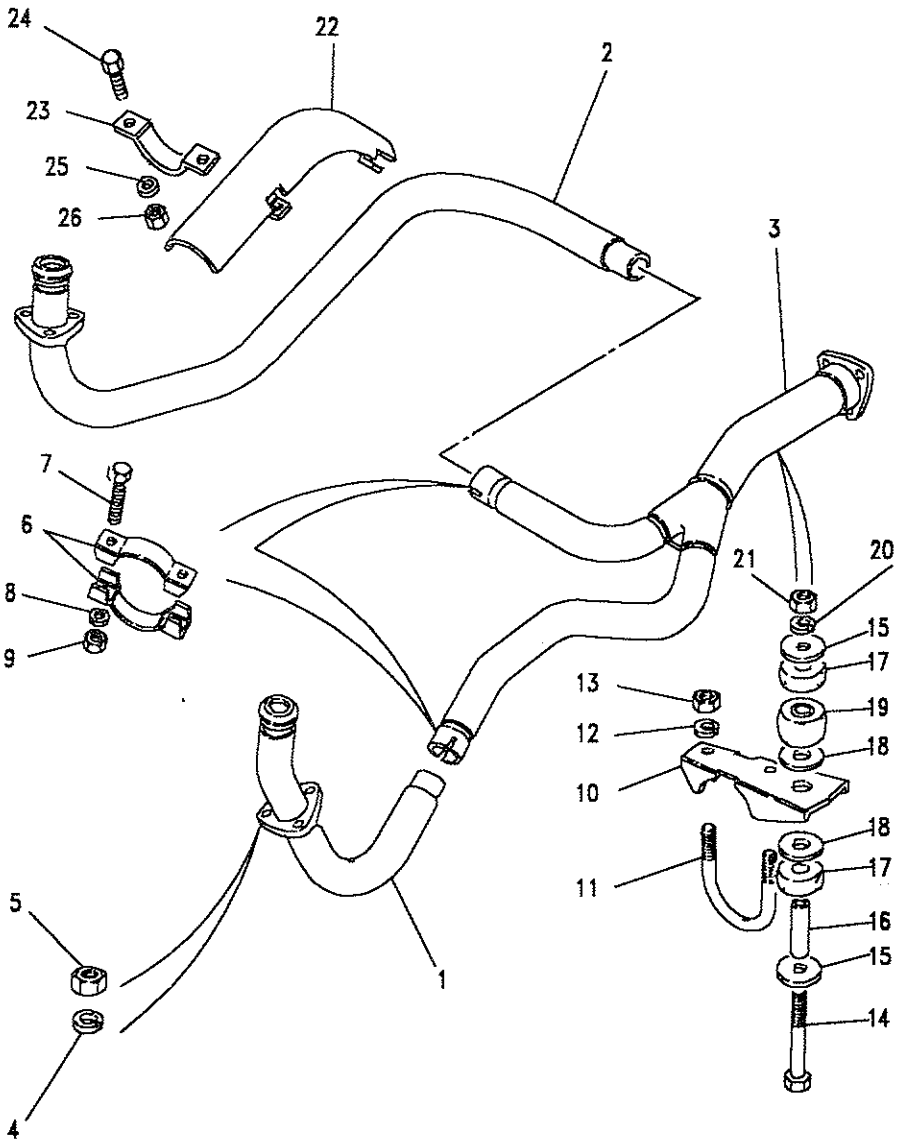
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 267064** | | | | |
| 1 | NTC1794K | Downpipe | 1 | Petrol |
| | ESR1617 | Downpipe | 1 | Diesel |
| 2 | ETC5337 | Gasket | 1 | |
| 3 | AFU2778 | Nut | 3 | |
| 4 | NTC1030 | Olive | 1 | |
| 5 | NRC7778 | Bracket mounting | 1 | |
| 6 | NRC6467 | Clamp exhaust | 1 | Upto 290508 |
| | 90575748 | Clamp exhaust | 1 | From 290509 |
| 7 | NRC6466 | U bolt | 1 | Upto 290508 |
| | NRC6374 | U bolt | 1 | From 290509 |
| 8 | WL108001L | Washer spring | 2 | |
| 9 | FN108041L | Nut | 2 | |
| 10 | SH108701L | Screw | 1 | |
| 11 | WP105L | Washer plain | 2 | |
| 12 | NRC5403 | Spacer | 1 | |
| 13 | 572166 | Bush rubber | 2 | |
| 14 | 572168 | Washer | 1 | |
| 15 | 572167 | Bush rubber | 1 | |
| 16 | WL108001L | Washer spring | 1 | |
| 17 | FN108041L | Nut | 1 | |




**Model** DEFENDER 90
**Page** ADKXAA2A

**EXHAUST SYSTEM - FRONT - 4 CYL PETROL AND NAT ASP DIESEL**

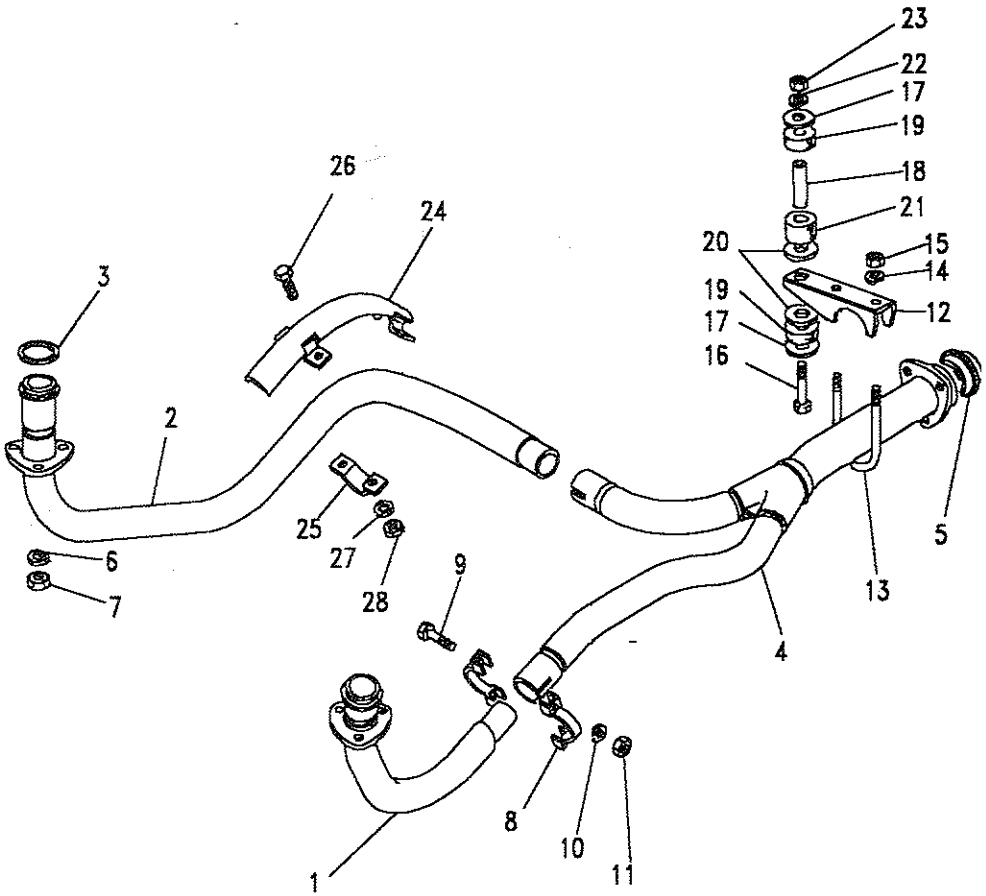
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | NTC5205 | Heatshield exhaust | 1 | |
| 19 | NTC2278 | Clamp exhaust | 2 | |
| 20 | FS108201L | Screw | 4 | |
| 21 | WL108001L | Washer spring | 4 | |
| 22 | FN108041L | Nut | 4 | |
| 23 | NTC4580 | Bracket support | 1 | )From 290509 |
| 24 | NTC4586 | Clamp exhaust | 1 | )Upto EA338105 |
| 25 | BH108131L | Bolt | 2 | )and |
| 26 | WC112081L | Washer plain | 1 | )From FA405285 )onwards |




**Model** DEFENDER 90
**Page** ADKXAA3A

**EXHAUST SYSTEM - FRONT - V8**

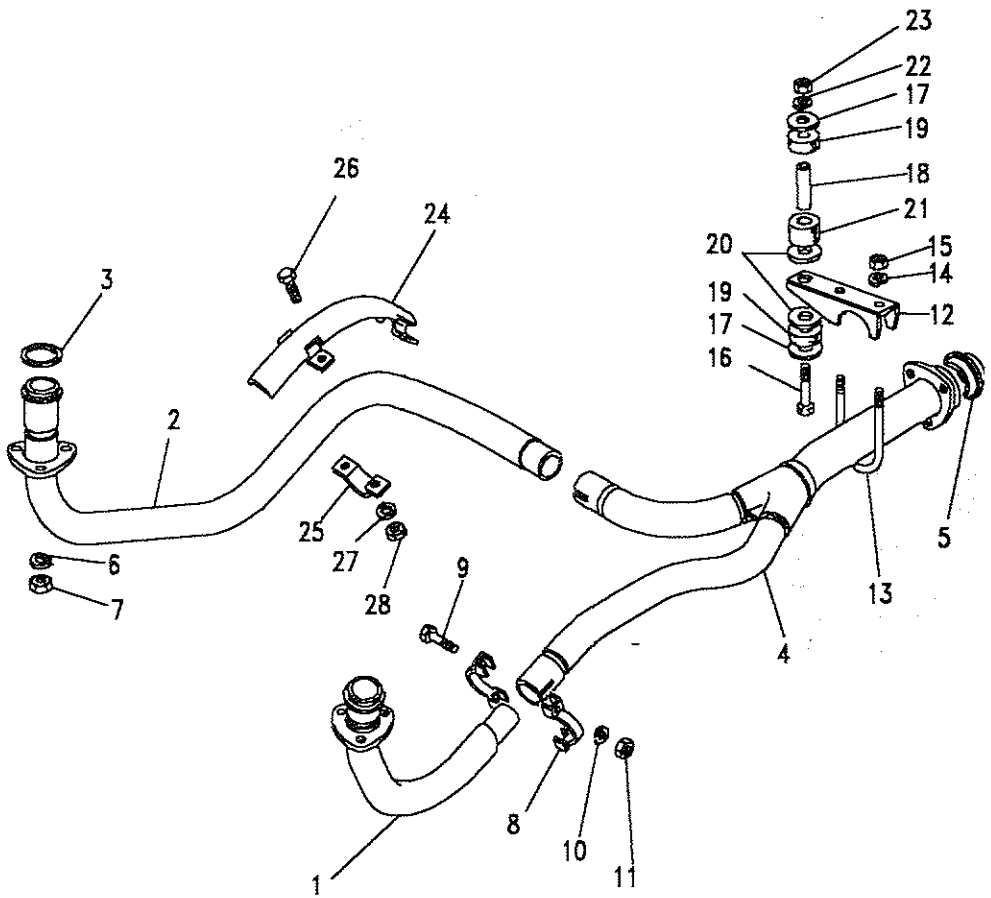
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 267907** | | | | |
| 1 | NRC4219 | Downpipe LH | 1 | |
| 2 | NRC6432 | Downpipe RH | 1 | |
| 3 | NRC4218 | Y piece | 1 | |
| 4 | WM600051L | Washer spring | 6 | |
| 5 | NH605041L | Nut | 6 | |
| 6 | 90575511 | Clamp exhaust | 4 | |
| 7 | BH108091L | Bolt | 4 | |
| 8 | WL108001L | Washer spring | 4 | |
| 9 | FN108041L | Nut | 4 | |
| 10 | 90575748 | Clamp exhaust | 1 | |
| 11 | NRC6374 | U bolt | 1 | |
| 12 | WL108001L | Washer spring | 2 | |
| 13 | FN108041L | Nut | 2 | |
| 14 | SH108701L | Screw | 1 | |
| 15 | WP105L | Washer plain | 2 | |
| 16 | NRC5403 | Spacer | 1 | |
| 17 | 572166 | Bush rubber | 2 | |
| 18 | 572168 | Washer | 2 | |
| 19 | 572167 | Bush rubber | 1 | |
| 20 | WL108001L | Washer spring | 1 | |
| 21 | FN108041L | Nut | 1 | |
| 22 | NRC9724 | Heatshield exhaust | 2 | |
| 23 | NRC9722 | Clamp exhaust | 4 | |
| 24 | FS108201L | Screw | 8 | |
| 25 | WL108001L | Washer spring | 8 | |
| 26 | FN108041L | Nut | 8 | |




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**Page** ADKXAA4A

**EXHAUST SYSTEM - FRONT - V8**

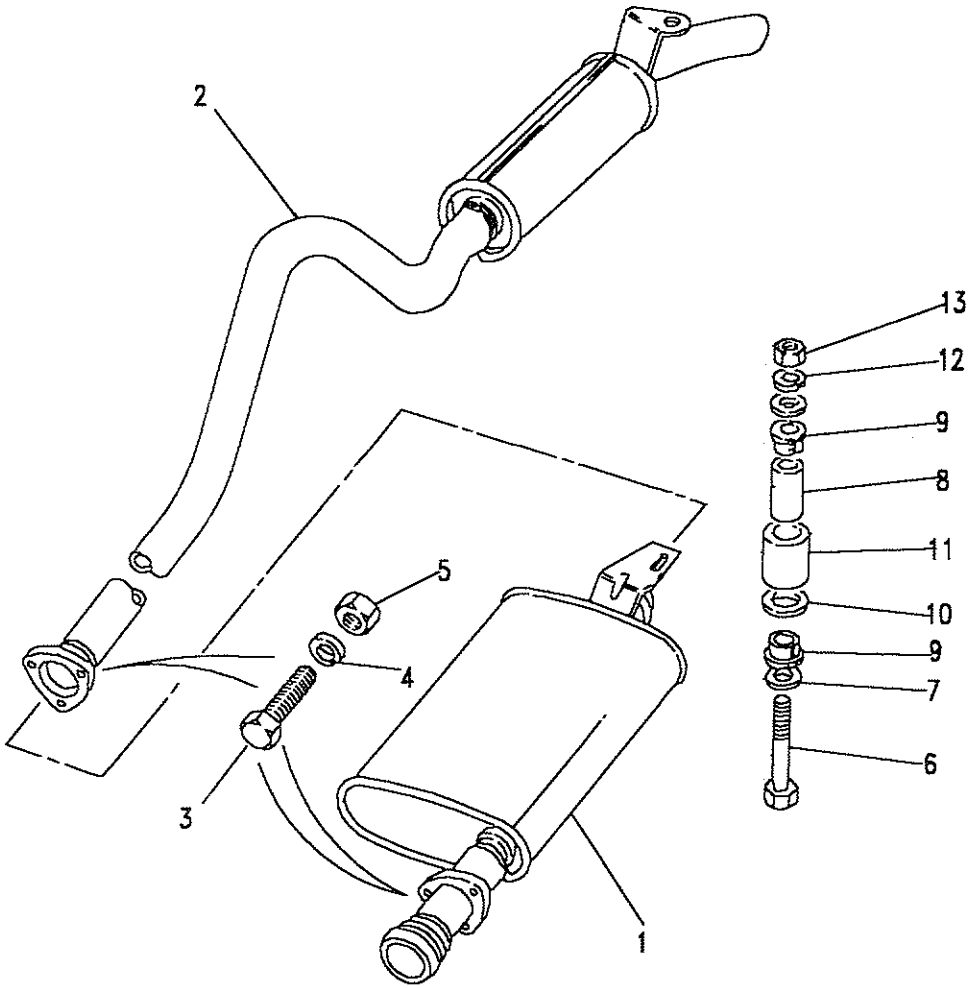
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 267908** | | | | |
| 1 | NTC1133K | Downpipe LH | 1 | Upto VIN FA404321 |
| 2 | NTC1136K | Downpipe assembly | 1 | Upto FA404321 15/ |
| | NRC4219 | Downpipe LH | 1 | From FA404322 |
| | NRC6432 | Downpipe RH | 1 | From FA404322 |
| 3 | ERC2734 | Gasket | 2 | Upto FA404321 |
| 4 | NTC2726 | Y piece | 1 | |
| 5 | NTC1030 | Olive | 1 | |
| 6 | WM600051L | Washer spring | 6 | Upto FA404321 |
| 7 | NH60504IL | Nut | 6 | Upto FA404321 |
| | NV605041L | Nut | 6 | From FA404322 |
| 8 | 90575511 | Clamp exhaust | 4 | |
| 9 | BH108091L | Bolt | 4 | |
| 10 | WL108001L | Washer spring | 4 | |
| 11 | FN108041L | Nut | 4 | |
| 12 | 90575748 | Clamp exhaust | 1 | |
| 13 | NRC6374 | U bolt | 1 | |
| 14 | WL108001L | Washer spring | 2 | |
| 15 | FN108041L | Nut | 2 | |
| 16 | SH108701L | Screw | 1 | |
| 17 | WP105L | Washer plain | 2 | |
| 18 | NRC5403 | Spacer | 1 | |
| 19 | 572166 | Bush rubber | 2 | |
| 20 | 572168 | Washer | 2 | |
| 21 | 572167 | Bush rubber | 1 | |
| 22 | WL108001L | Washer spring | 1 | |
| 23 | FN108041L | Nut | 1 | |




**Model** DEFENDER 90
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**EXHAUST SYSTEM - FRONT - V8**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 24 | NRC9724 | Heatshield exhaust | 2 | |
| 25 | NRC9722 | Clamp exhaust | 4 | |
| 26 | SH108201 | Screw | 8 | |
| 27 | WL108001L | Washer spring | 8 | |
| 28 | FN108041L | Nut | 8 | |

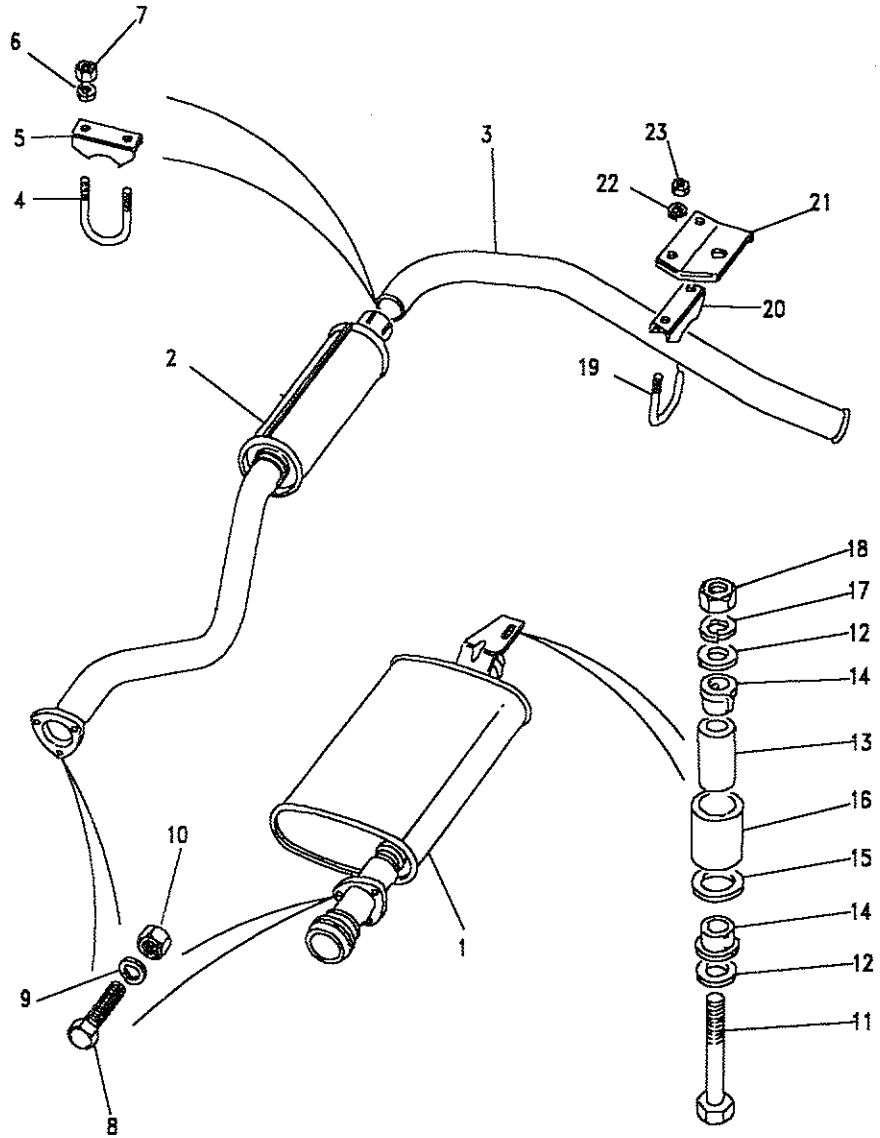



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**EXHAUST SYSTEM - REAR - SEE NOTES**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC8888 | Silencer front | 1 | |
| 2 | NRC8889 | Silencer rear | 1 | |
| | NRC8238 | Finisher tailpipe | 1 | Germany |
| 3 | FB108081L | Bolt flanged | 6 | |
| 4 | WL108001L | Washer spring | 6 | |
| 5 | FN108041L | Nut | 6 | |
| 6 | SH108701L | Screw | 2 | |
| 7 | WP105L | Washer plain | 4 | |
| 8 | NRC5403 | Spacer | 2 | |
| 9 | 572166 | Bush rubber | 4 | Thin |
| 10 | 572168 | Washer | 4 | |
| 11 | 572167 | Bush rubber | 2 | Thick |
| 12 | WL108001L | Washer spring | 2 | |
| 13 | FN108041L | Nut | 2 | |

Note(1) Vehicles with Hoods - Upto VIN 232010
Note(2) Hard Top and Station Wagon - Upto VIN 253495

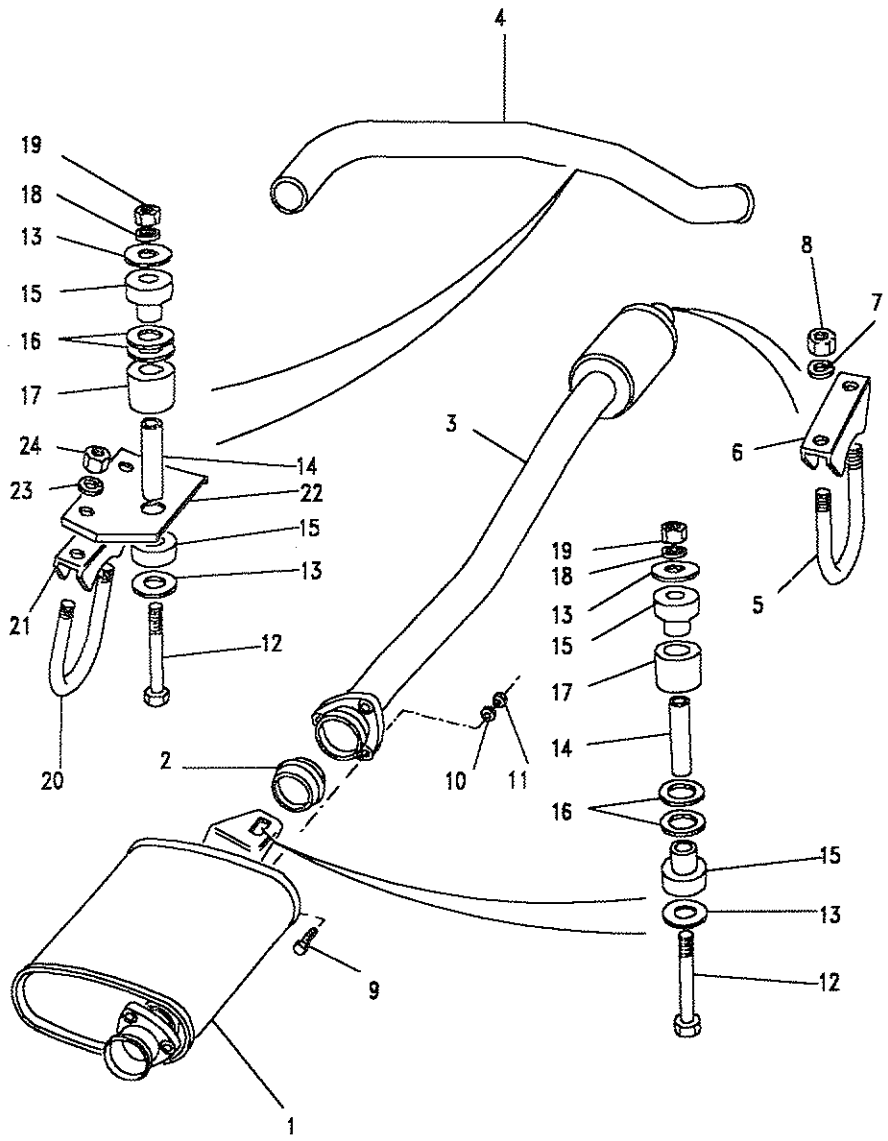



**Model** DEFENDER 90
**Page** ADKXAA6A

**EXHAUST SYSTEM - REAR - SEE NOTES**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC8888 | Silencer front | 1 | |
| 2 | NTC1150 | Silencer rear | 1 | |
| 3 | NTC1149 | Tailpipe | 1 | |
| 4 | NTC1311 | U bolt | 1 | |
| 5 | NTC1312 | Clamp exhaust | 1 | |
| 6 | WL108001L | Washer spring | 2 | |
| 7 | FN108041L | Nut | 2 | |
| 8 | FB108081L | Bolt flanged | 6 | |
| 9 | WL108001L | Washer spring | 6 | |
| 10 | FN108041L | Nut | 6 | |
| 11 | SH108701L | Screw | 2 | |
| 12 | WP105 | Washer plain | 4 | |
| 13 | NRC5403 | Spacer | 2 | |
| 14 | 572166 | Bush rubber | 4 | Thin |
| 15 | 572168 | Washer | 4 | |
| 16 | 572167 | Bush rubber | 2 | Thick |
| 17 | WL108001L | Washer spring | 2 | |
| 18 | FN108041L | Nut | 2 | |
| 19 | NTC1311 | U bolt | 1 | |
| 20 | NTC1312 | Clamp exhaust | 1 | |
| 21 | NTC1313 | Bracket support | 1 | |
| 22 | WL108001L | Washer spring | 2 | |
| 23 | FN108041L | Nut | 2 | |

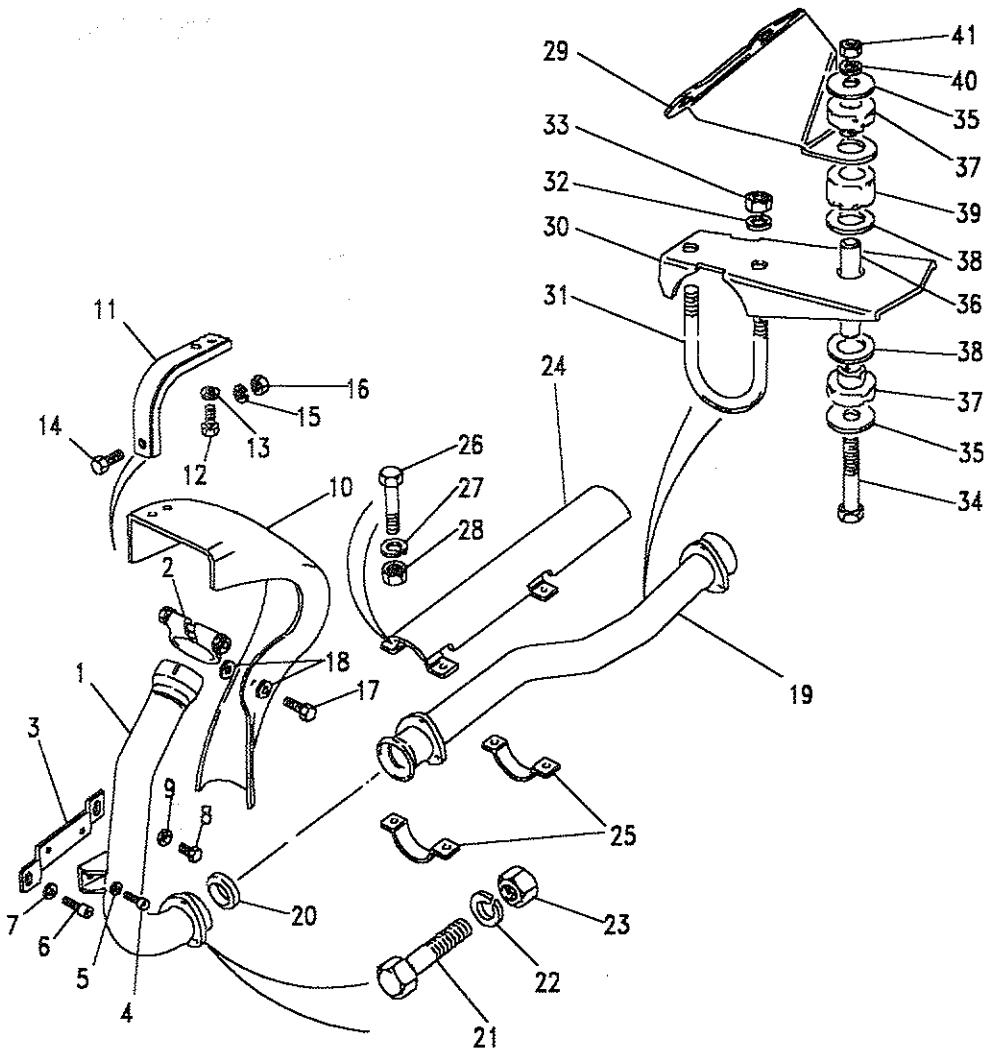
Note(1) Vehicles with Hoods - From VIN 232011 to 267063
Note(2) Hard Top and Station Wagon - From VIN 253495 to 267063




**Model** DEFENDER 90
**Page** ADKXAA7A

**EXHAUST SYSTEM - REAR**

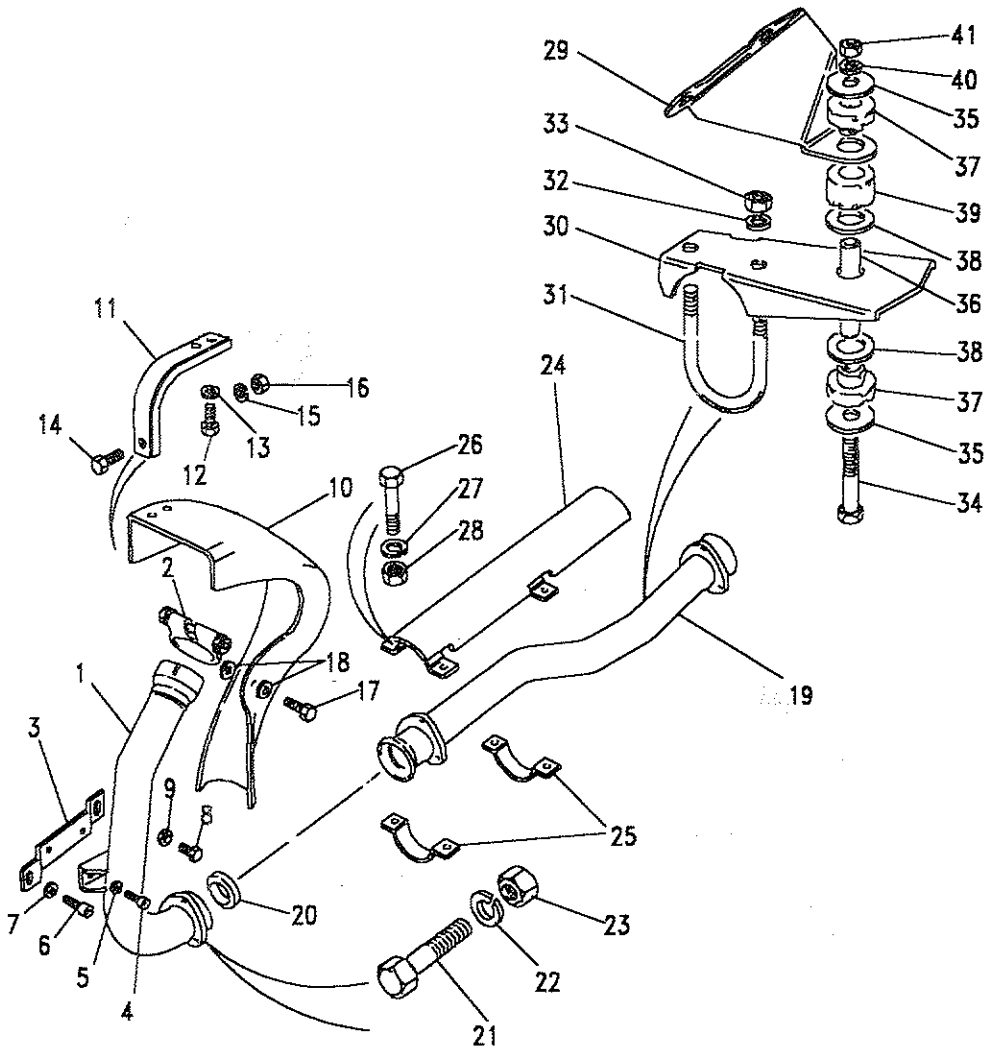
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 267064** | | | | |
| 1 | NTC4615 | Silencer front | 1 | |
| 2 | NTC2731 | Olive | 1 | |
| 3 | NTC1799 | Silencer rear | 1 | |
| 4 | NTC1149 | Tailpipe | 1 | |
| 5 | NTC1311 | U bolt | 1 | |
| 6 | NTC1312 | Clamp exhaust | 1 | |
| 7 | WL108001L | Washer spring | 2 | |
| 8 | FN108041L | Nut | 2 | |
| 9 | FB108081L | Bolt flanged | 6 | |
| 10 | WL108001L | Washer spring | 6 | |
| 11 | FN108041L | Nut | 6 | |
| 12 | SH108701L | Screw | 2 | |
| 13 | WP105L | Washer plain | 4 | |
| 14 | NRC5403 | Spacer | 2 | |
| 15 | 572166 | Bush rubber | 4 | |
| 16 | 572168 | Washer | 4 | |
| 17 | 572167 | Bush rubber | 2 | |
| 18 | WL108001L | Washer spring | 2 | |
| 19 | FN108041L | Nut | 2 | |
| 20 | NTC1311 | U bolt | 1 | |
| 21 | NTC1312 | Clamp exhaust | 1 | |
| 22 | NTC1313 | Bracket support | 1 | |
| 23 | WL108001L | Washer spring | 2 | |
| 24 | FN108041L | Nut | 2 | |




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## EXHAUST SYSTEM - FRONT - DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC4426 | Downpipe | 1 | Upto VIN FA450140 |
| | ESR159 | Downpipe | 1 | From VIN FA450141 |
| 2 | NTC3608 | Clamp | 1 | |
| | SH110161 | Screw | 1 | Upto VIN FA450140 |
| | WA110061 | Washer plain | 1 | Upto VIN FA450140 |
| 3 | ESR266 | Bracket mounting | 1 | From VIN FA450141 |
| 4 | SS106161L | Screw | 2 | From VIN FA450141 |
| 5 | WJ106001L | Washer plain | 2 | From VIN FA450141 |
| 6 | SS108161L | Screw | 1 | From VIN FA450141 |
| 7 | WA108051L | Washer plain | 1 | From VIN FA450141 |
| 8 | SH110141L | Screw | 1 | From VIN FA450141 |
| 9 | WA110061L | Washer plain | 1 | From VIN FA450141 |
| 10 | NTC4833 | Heatshield | 1 | |
| 11 | NTC4548 | Bracket support | 1 | Upto VIN FA418962 |
| | ESR219 | Bracket support | 1 | From VIN FA418963 |
| 12 | FS106167L | Screw | 2 | Note(1) |
| 13 | WA106041L | Washer plain | 2 | Upto VIN FA418962 |
| | WA106041L | Washer plain | 1 | From VIN FA418963 |
| 14 | FS106167L | Screw | 1 | Note(1) |
| 15 | WL106001 | Washer spring | 1 | |
| 16 | NH106041L | Nut | 1 | |
| 17 | SH108141L | Screw | 1 | Note(1) |
| 18 | WJ108001 | Washer plain | 2 | |
| 19 | NTC4221 | Pipe intermediate | 1 | |
| 20 | NTC1030 | Olive | 1 | |
| 21 | BH108091L | Bolt | 3 | |
| 22 | WL108001L | Washer spring | 3 | |
| 23 | FN108041L | Nut | 3 | |

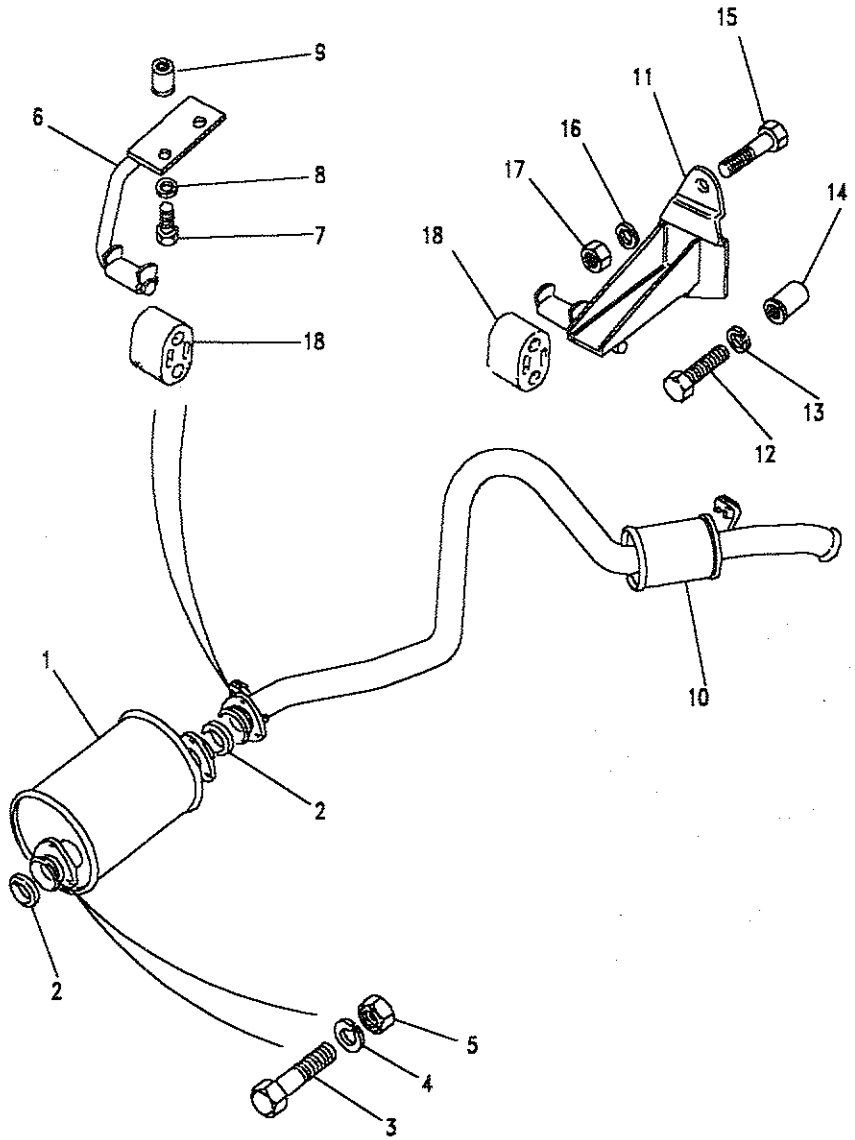



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## EXHAUST SYSTEM - FRONT - DIESEL TURBO

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 24 | NTC5205 | Heatshield | 1 | CI slave cyl |
| 25 | NTC2278 | Clamp exhaust | 2 | |
| 26 | FS108207L | Screw | 4 | |
| 27 | WL108001L | Washer spring | 4 | |
| 28 | FN108041L | Nut | 4 | |
| 29 | ESR169 | Bracket mounting | 1 | |
| 30 | 90575748 | Clamp exhaust | 1 | |
| 31 | NRC6374 | U bolt | 1 | |
| 32 | WL108001L | Washer spring | 2 | |
| 33 | FN108041L | Nut | 2 | |
| 34 | BH108141L | Bolt | 1 | |
| 35 | WP105L | Washer plain | 2 | |
| 36 | NRC5403 | Spacer | 1 | |
| 37 | 572166 | Bush rubber | 2 | |
| 38 | 572168 | Washer | 2 | |
| 39 | 572167 | Bush rubber | 1 | |
| 40 | WL108001L | Washer spring | 1 | |
| 41 | FN108041L | Nut | 1 | |

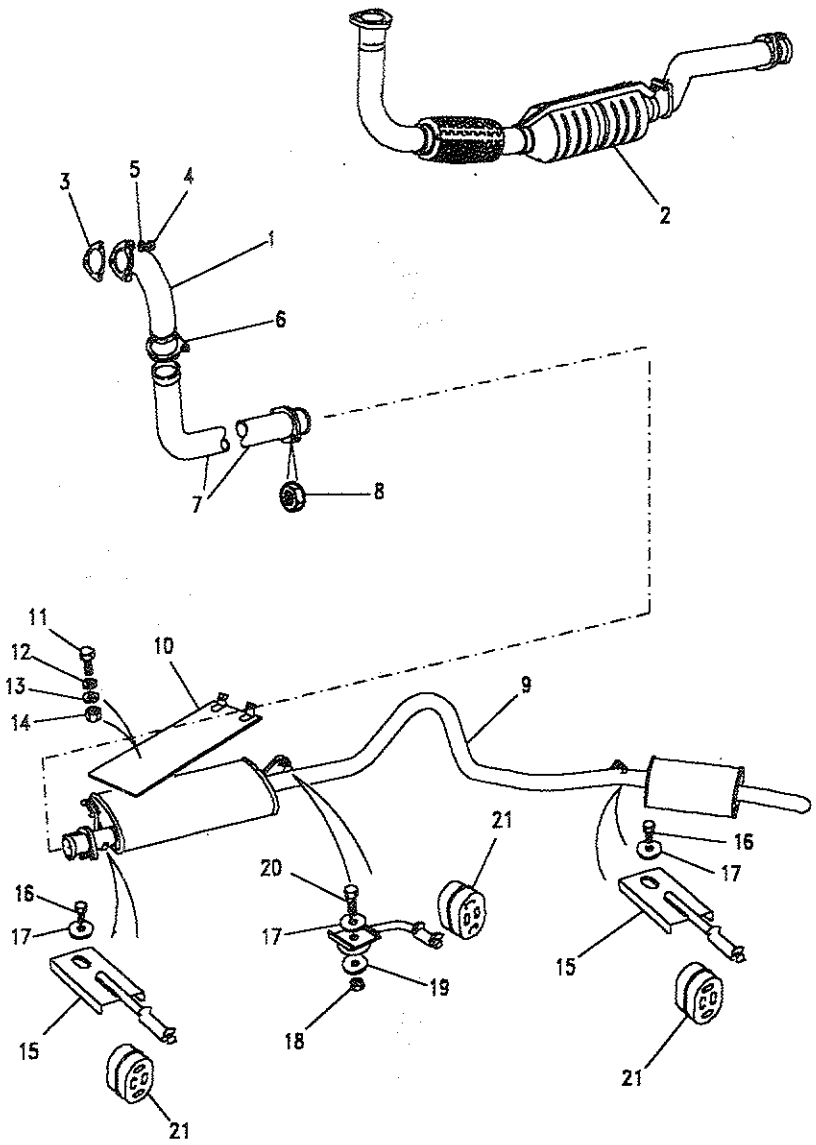
Note(1) Use Loctite 242 or similar




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## EXHAUST SYSTEM - REAR - DIESEL TURBO

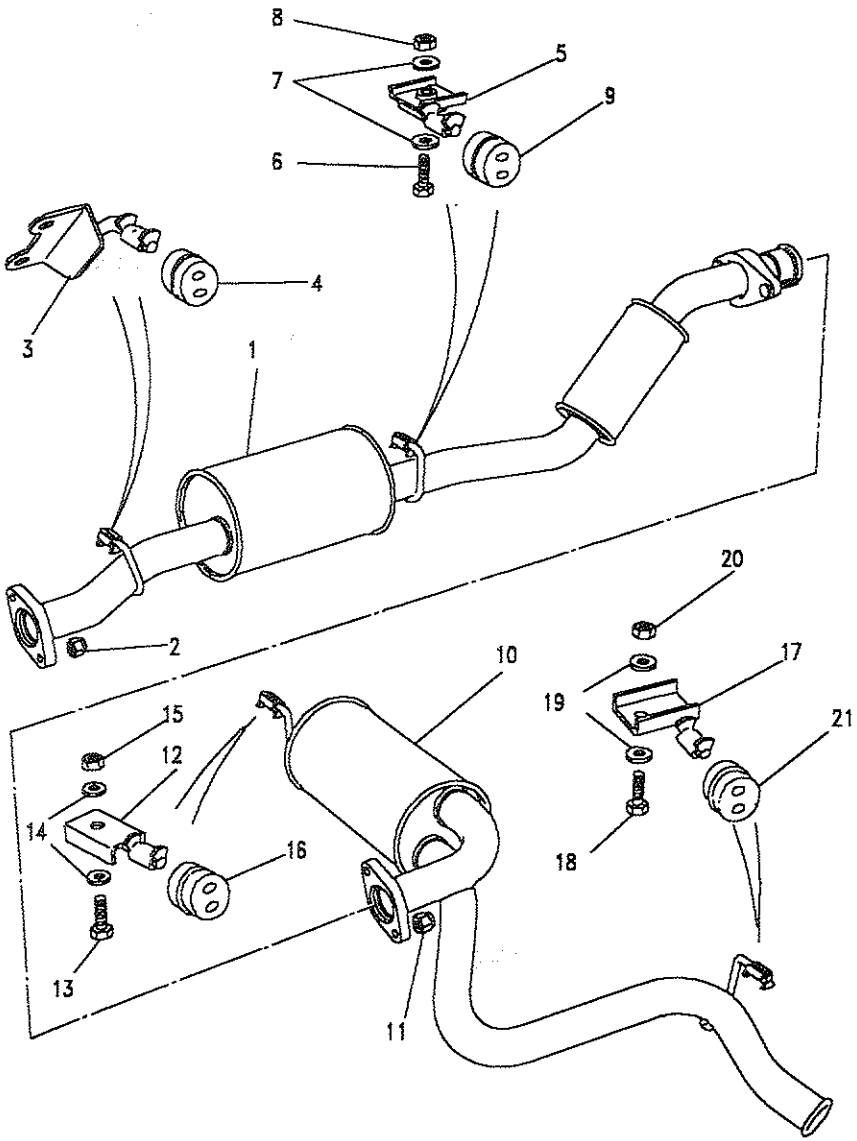
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC1665 | Silencer exhaust | 1 | |
| 2 | NTC1030 | Olive | 2 | |
| 3 | BH108091L | Bolt | 6 | |
| 4 | WL108001L | Washer spring | 6 | |
| 5 | FN108041L | Nut | 6 | |
| 6 | NTC3618 | Bracket support | 1 | |
| 7 | FS108207L | Screw | 2 | |
| 8 | WL108001L | Washer spring | 2 | |
| 9 | NN108021 | Nutsert | 2 | |
| 10 | NTC1802 | Silencer rear | 1 | |
| 11 | NTC4252 | Bracket support | 1 | |
| 12 | FS108207L | Screw | 1 | |
| 13 | WL108001L | Washer spring | 1 | |
| 14 | NN108021 | Nutsert | 1 | |
| 15 | FB108121L | Flange bolt | 1 | |
| 16 | WL108001L | Washer spring | 1 | |
| 17 | FN108041L | Nut | 1 | |
| 18 | NTC3650 | Mounting rubber | 2 | |




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**EXHAUST SYSTEM - FRONT - TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ESR158 | Downpipe | 1 | Upto LA939975 |
| | ESR2297 | Downpipe exhaust | 1 | From MA939976 |
| 2 | ESR2739 | Downpipe exhaust - CAT | 1 | From MA939976 |
| | ESR3495 | Downpipe exhaust - CAT | 1 | Swiss only |
| 3 | NTC3608 | Clamp exhaust | 1 | |
| 4 | ESR266 | Bracket mounting | 1 | |
| | ESR3260 | Gasket exhaust | 1 | |
| 5 | SS106161L | Screw | 2 | |
| 6 | WJ106001L | Washer plain | 2 | |
| 7 | SS108161L | Screw | 1 | |
| 8 | WA108051L | Washer plain | 1 | |
| 9 | SH110141L | Screw | 1 | |
| 10 | WA110061L | Washer plain | 1 | |
| 11 | NTC4833 | Heatshield | 1 | |
| 12 | SH108141L | Screw | 1 | |
| 13 | WJ108001 | Washer plain | 2 | |
| 14 | ESR219 | Bracket support | 1 | |
| 15 | FS106167L | Screw | 1 | |
| 16 | WA106041L | Washer plain | 1 | |
| 17 | FS106167L | Screw | 1 | |
| 18 | WL106001 | Washer spring | 1 | |
| 19 | NH106041L | Nut | 1 | |
| 20 | ESR361 | Heatshield | 1 | |
| 21 | ESR208 | Clamp exhaust | 2 | |
| 22 | FS108207L | Screw | 4 | |
| 23 | WL108001L | Washer spring | 4 | |
| 24 | FN108041L | Nut | 4 | |




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**EXHAUST SYSTEM - REAR - TDI**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ESR358 | Silencer front | 1 | Upto LA939975 |
| | ESR2381 | Silencer front | 1 | From MA939976 |
| 2 | NV110041L | Nut | 2 | |
| 3 | ESR414 | Bracket mounting | 1 | Upto LA939975 |
| | ESR2087 | Bracket mounting | 1 | From MA939976 |
| 4 | NTC5582 | Rubber mounting | 1 | |
| 5 | ESR360 | Bracket mounting | 1 | |
| 6 | FS108251L | Screw | 1 | |
| 7 | WP185L | Washer plain | 2 | |
| 8 | NV108041L | Nut philidas | 1 | |
| 9 | NTC5582 | Rubber mounting | 1 | |
| 10 | ESR254 | Tail pipe | 1 | Upto LA939975 |
| | ESR2382 | Tail pipe | 1 | From MA939976 |
| | ESR3463 | Tail pipe | 1 | From MA939976 |
| | ESR1696 | Tail pipe | 1 | Australia |
| | ESR3152 | Tail pipe | 1 | Australia 95MY |
| 11 | NV110041L | Nut | 2 | |
| 12 | NTC7348 | Bracket mounting | 1 | Upto LA939975 |
| | ESR2421 | Bracket mounting | 1 | From MA939976 |
| 13 | FS108251L | Screw | 1 | |
| 14 | WP185L | Washer plain | 2 | |
| 15 | NV108041L | Nut philidas | 1 | |
| 16 | NTC5582 | Rubber mounting | 1 | |
| 17 | ESR95 | Bracket mounting | 1 | |
| 18 | FS108251L | Screw | 1 | |
| 19 | WP185L | Washer plain | 2 | |
| 20 | NV108041L | Nut philidas | 1 | |
| 21 | NTC5582 | Rubber mounting | 1 | |
| | NTC2022 | Finisher tail pipe | 1 | HCPU not shown |

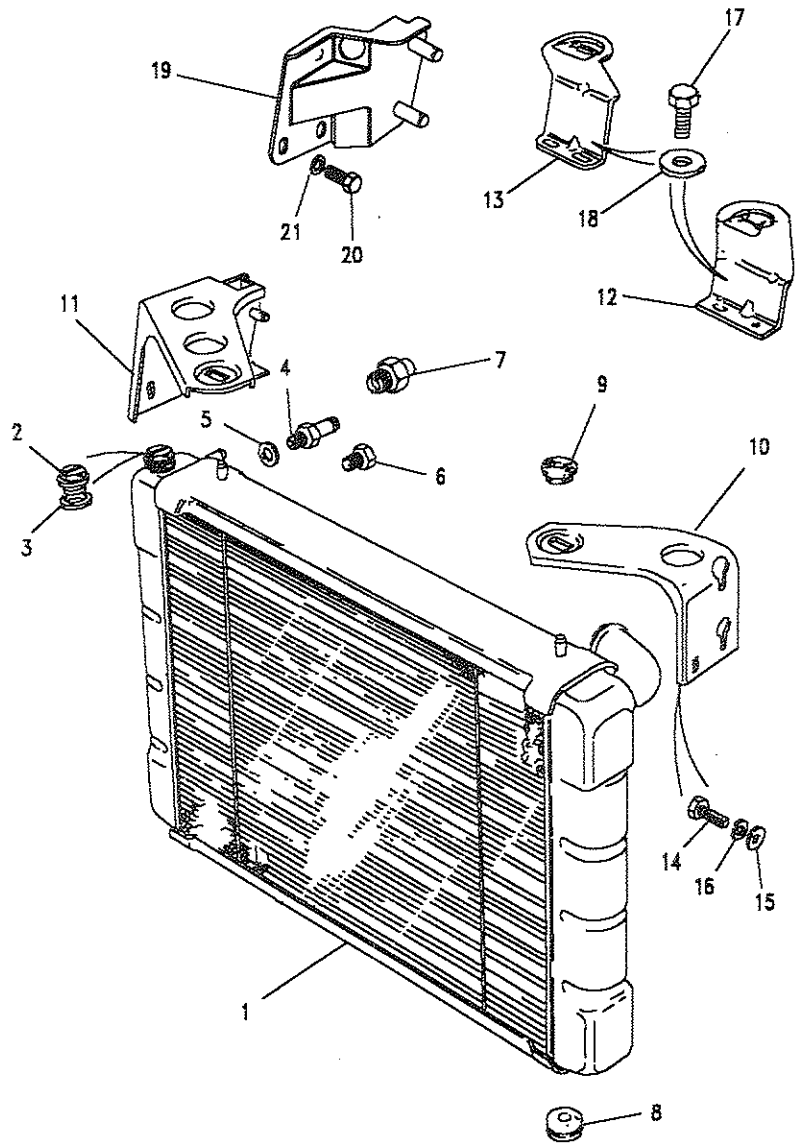
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GROUP L

COOLING/HEATING

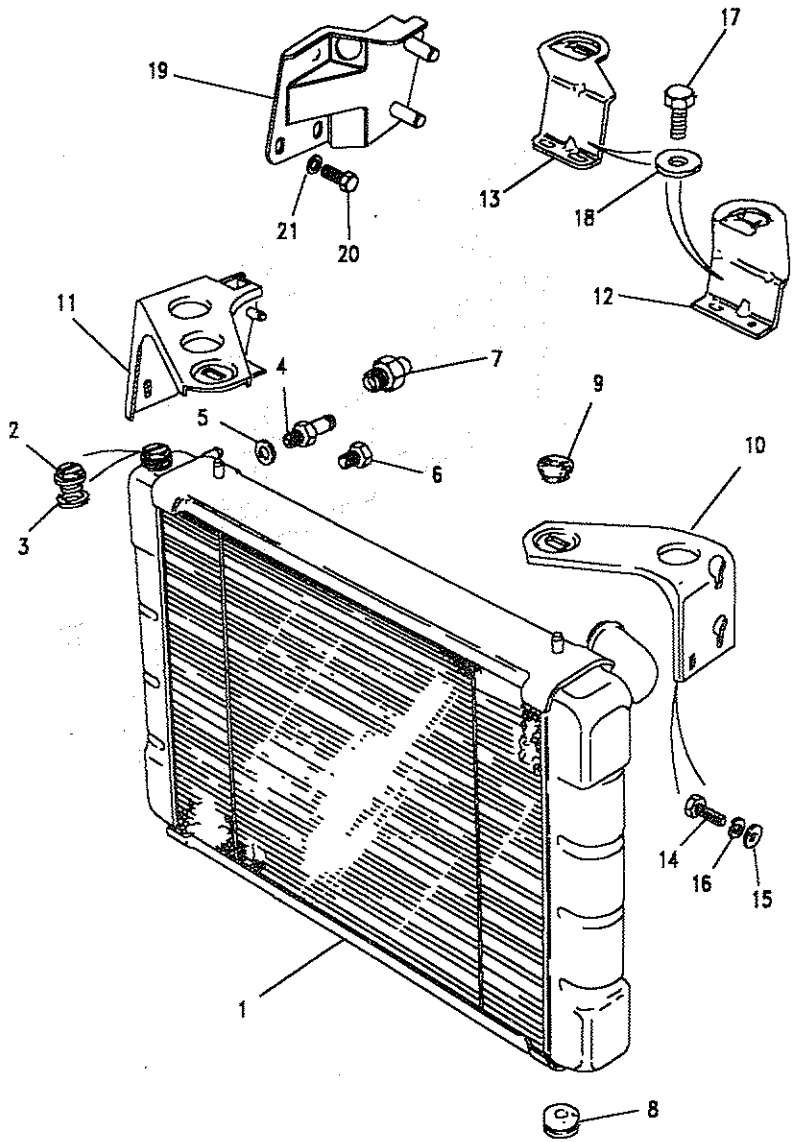

| | |
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## COOLING SYSTEM - RADIATOR

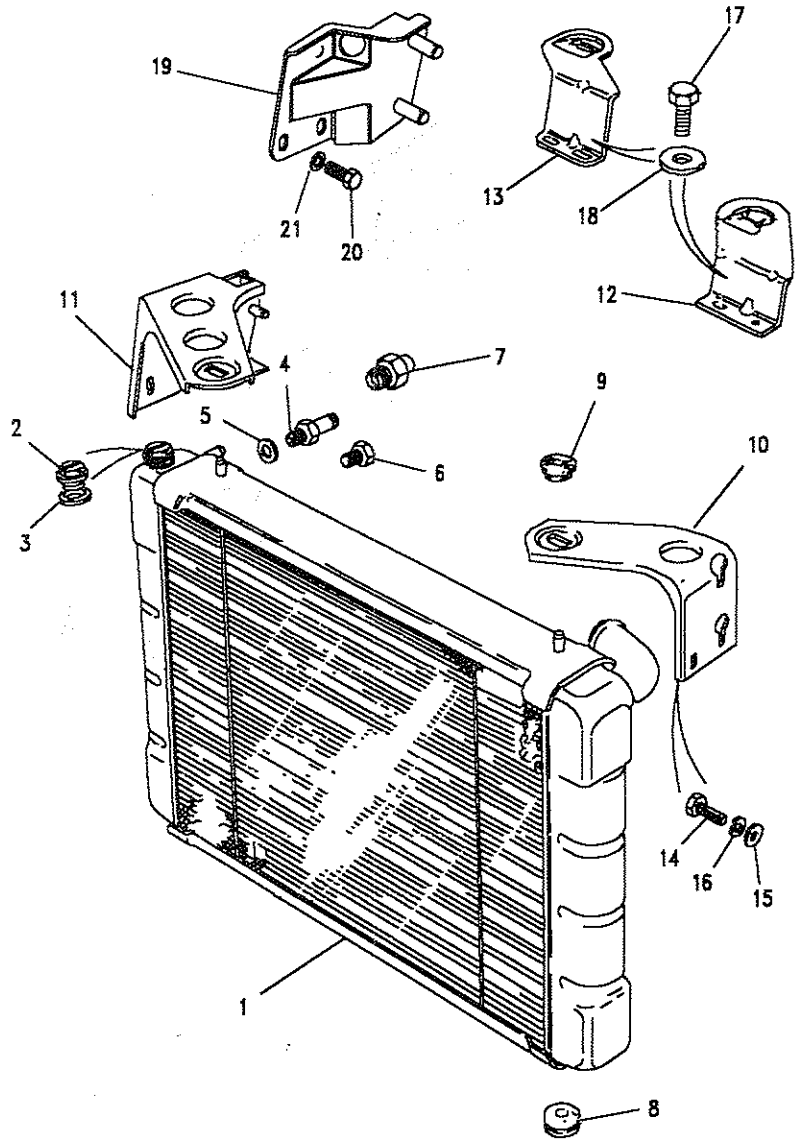
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **2.25 Petrol** | | | | |
| 1 | NRC6888 | Radiator | 1 | |
| | ESR79 | Radiator | 1 | Heavy duty option |
| **2.5 Petrol** | | | | |
| 1 | ESR79 | Radiator | 1 | Upto VIN FA389980 |
| | ESR77 | Radiator | 1 | From VIN FA389981 |
| | ESR78 | Radiator | 1 | Note(1)<br>From VIN FA389799<br>Upto VIN JA918061 |
| | ESR1677 | Radiator | 1 | Note(1)<br>From VIN JA918062 |
| **Diesel** | | | | |
| 1 | ESR79 | Radiator | 1 | Upto VIN FA389980 |
| | ESR77 | Radiator | 1 | From VIN FA389981 |
| | ESR78 | Radiator | 1 | Note(1)<br>From VIN FA389799<br>Upto VIN JA918061 |
| | ESR1677 | Radiator | 1 | Note(1)<br>From VIN JA918062 |
| **Diesel Turbo** | | | | |
| 1 | NTC6168 | Radiator | 1 | Note(1) |
| **200Tdi** | | | | |
| 1 | NTC4893 | Radiator | 1 | Note(2)<br>Upto VIN JA918061 |
| | ESR1676 | Radiator | 1 | Note(2)<br>From VIN JA918062 |




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## COOLING SYSTEM - RADIATOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **V8** | | | | |
| 1 | ESR76 | Radiator | 1 | Upto VIN FA428918 |
| | ESR203 | Radiator | 1 | From VIN FA428919 |
| | ESR204 | Radiator | 1 | Note(1)<br>From VIN FA429128<br>Upto VIM JA918061 |
| | ESR1678 | Radiator | 1 | Note(1)<br>From VIN JA918062 |
| 2 | NTC4609 | Filler plug | 1 | |
| 3 | NTC5171 | Washer sealing | 1 | |
| 4 | KTP9024 | Vent penthouse | 1 | V8 |
| 5 | RRO2125L | Washer | 1 | |
| 6 | RRO2126L | Plug | 1 | Except V8 |
| 7 | NTC3858 | Adaptor | 2 | Diesel Turbo |
| 8 | 572312 | Bush radiator mounting | 2 | Lower |
| 9 | NRC5544 | Bush radiator mounting | 2 | Upper |
| 10 | NRC4839 | Bracket radiator LH | 1 | Upto 4/3/92 |
| 11 | NRC8609 | Bracket radiator RH | 1 | Upto 4/3/92 |
| 12 | ESR69 | Bracket radiator LH | 1 | From 5/3/92 |
| | ESR68 | Bracket radiator RH | 1 | From 5/3/92 |
| 13 | ESR283 | Bracket radiator LH | 1 | 200Tdi |
| | ESR282 | Bracket radiator RH | 1 | 200Tdi |
| 14 | FS106201L | Flange screw | 6 | Upto 4/3/92 |
| 15 | WC106041L | Washer plain | 6 | Upto 4/3/92 |
| 16 | WL106001L | Washer spring | 6 | Upto 4/3/92 |
| 17 | SH106207L | Screw | 4 | From 5/3/92 |
| 18 | WC106047 | Washer plain | 4 | From 5/3/92 |
| | SH106207L | Screw | 4 | 200Tdi |
| | WC106047 | Washer plain | 4 | 200Tdi |

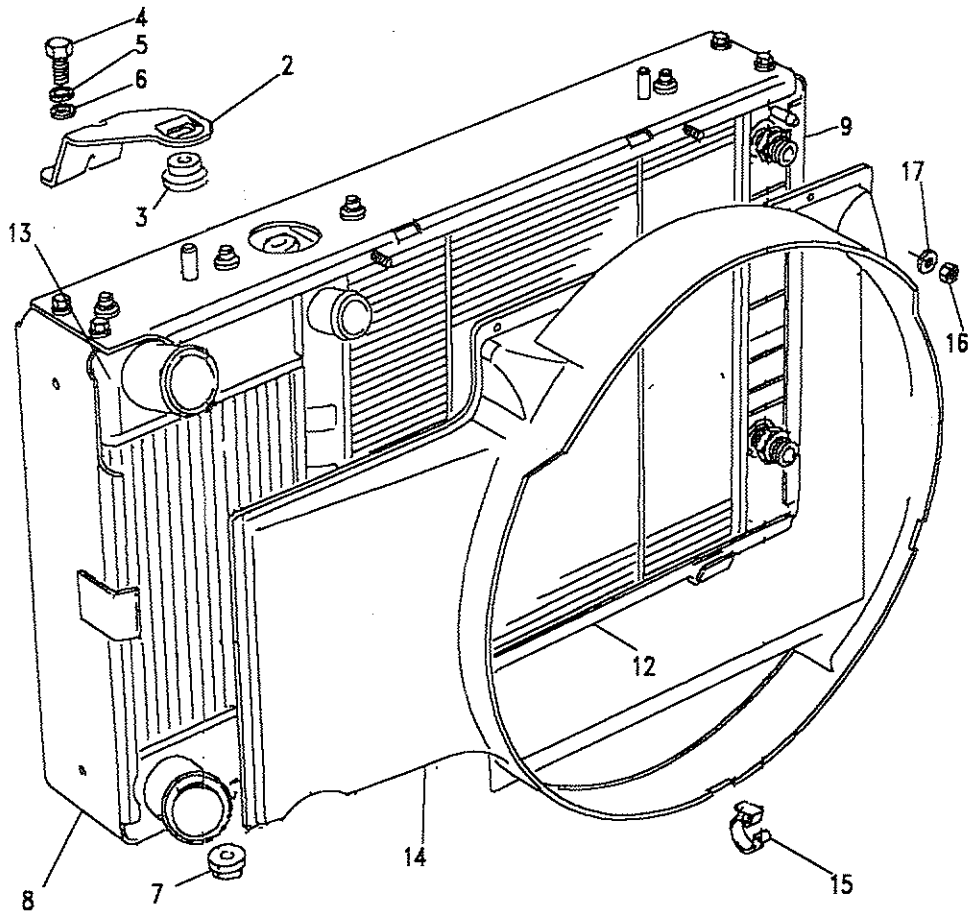



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## COOLING SYSTEM - RADIATOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | ALR1982 | Bracket support | 1 | From VIN JA910943 |
| 20 | SH106207L | Screw | 3 | From VIN JA910943 |
| 21 | WC106047 | Washer plain | 3 | From VIN JA910943 |
| | BTR328 | Label antifreeze | 1 | |

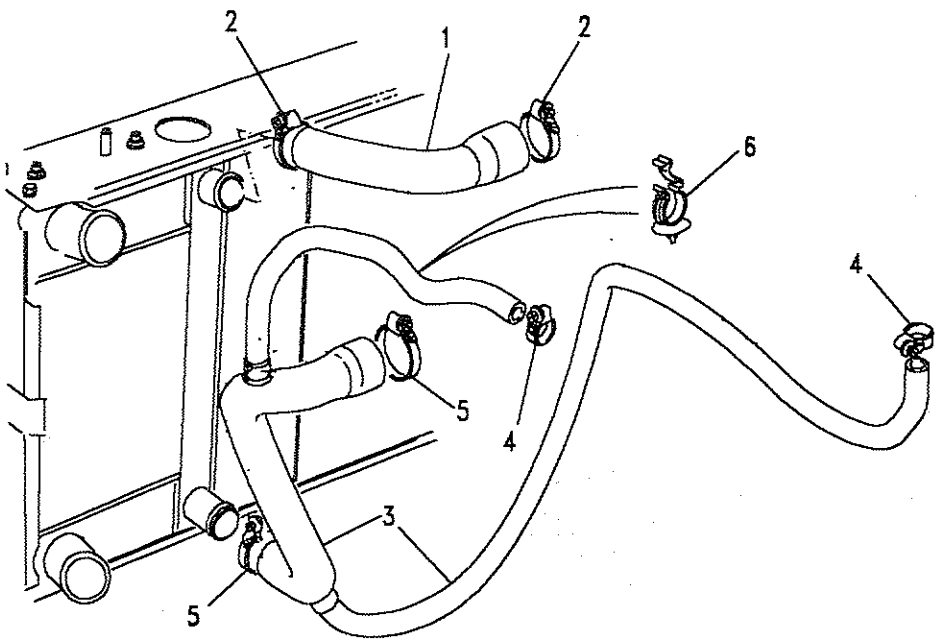
Note(1) Includes oil cooler for engine
Note(2) Includes oil cooler for engine and intercooler for turbo charger




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## COOLING SYSTEM - RADIATOR, INTERCOOLER & OIL COOLER - 300TDI

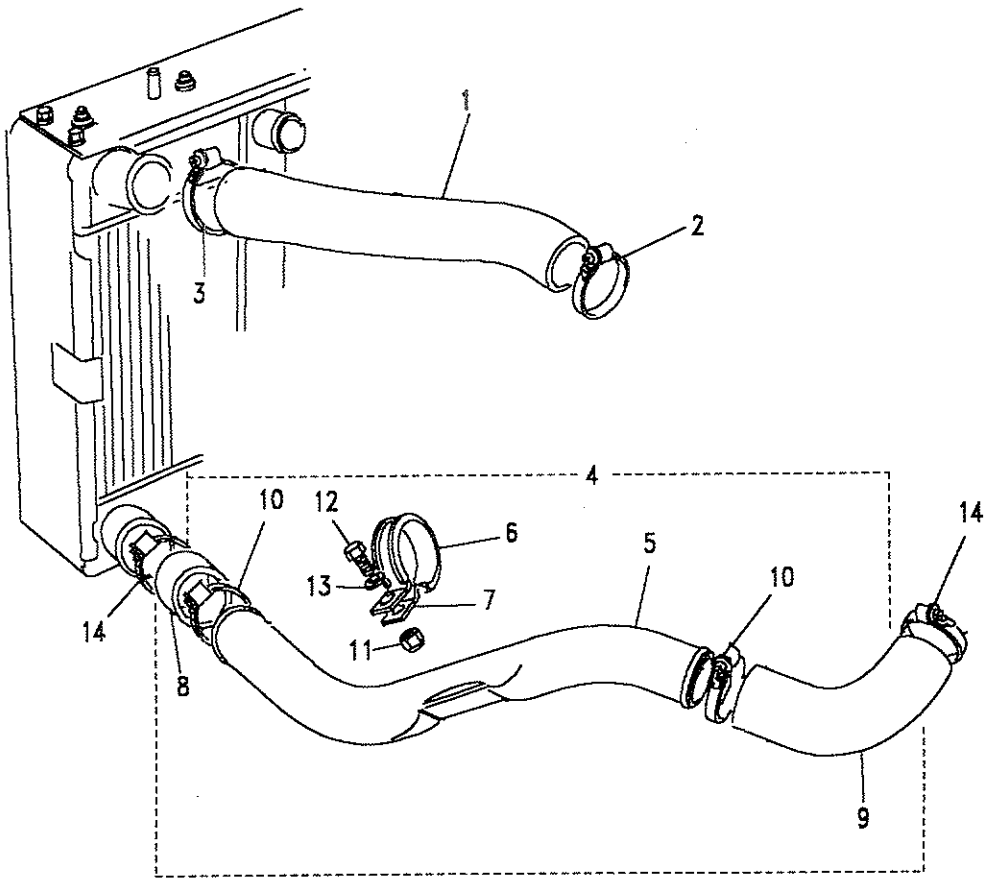
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Radiator and intercooler** | | | | |
| 1 | ESR2727 | Radiator/intercooler assy | 1 | |
| 2 | ESR282 | Bracket mounting upper LH | 1 | |
| | ESR283 | Bracket mounting upper RH | 1 | |
| 3 | NRC5544 | Grommet pad | 2 | |
| 4 | SH106205 | Screw M6 | 4 | |
| 5 | WM600041L | Washer spring | 4 | |
| 6 | WC106045 | Washer plain | 4 | |
| 7 | 572312 | Bush raditor/chassis | 2 | |
| 8 | BTP1826 | Frame side LH | 1 | |
| 9 | BTP1827 | Frame side RH | 1 | |
| 10 | BTP2275 | Radiator block | 1 | |
| 11 | BTP2282 | Frame top radiator | 1 | |
| 12 | BTP2284 | Frame bottom radiator | 1 | |
| 13 | FTP8030 | Intercooler | 1 | |
| 14 | ESR2308 | Cowl fan | 1 | |
| 15 | ESR1800 | Clip edge | 2 | |
| 16 | NH105041 | Nut M5 | 2 | |
| 17 | WA105001 | Washer plain | 2 | |




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## COOLING SYSTEM - RADIATOR, INTERCOOLER & OIL COOLER - 300TDI

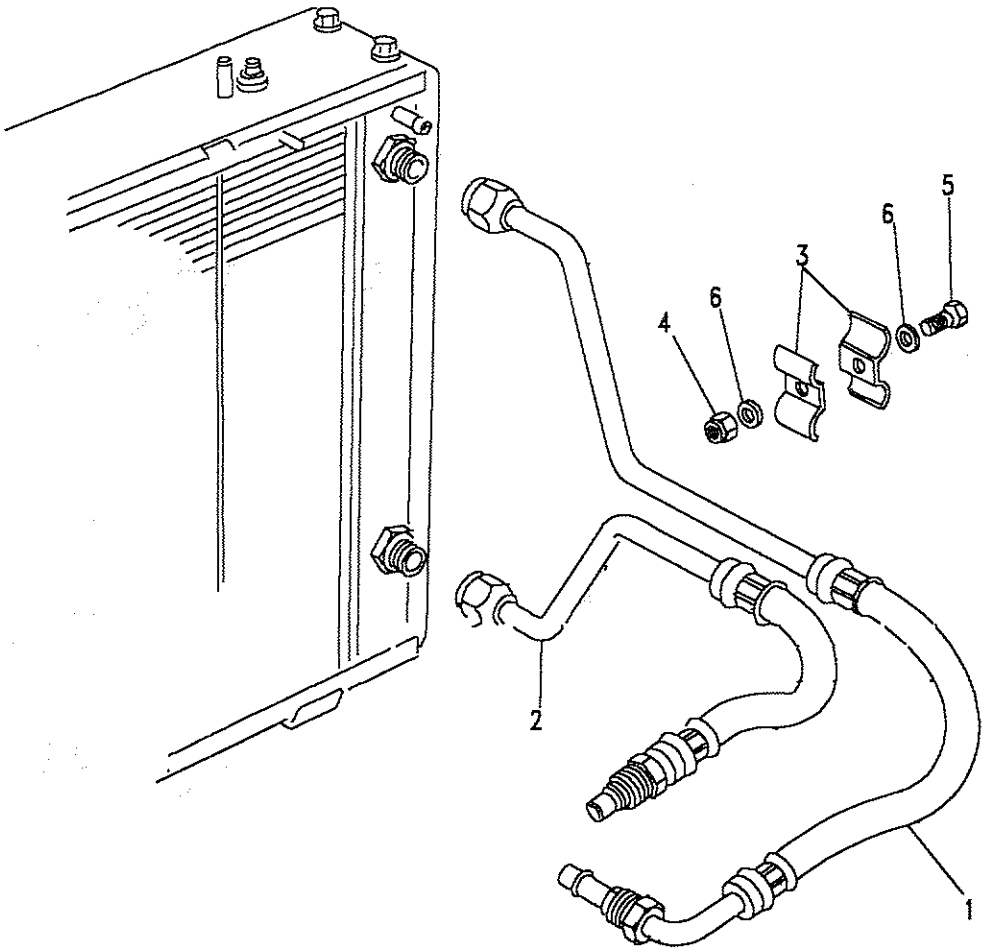
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Radiator hoses** | | | | |
| 1 | ESR2298 | Hose top | 1 | |
| 2 | CN100508 | Clip hose | 2 | |
| 3 | ESR3121 | Hose assembly bottom | 1 | |
| 4 | CN100308 | Clip hose | 2 | |
| 5 | CN100508 | Clip hose | 2 | |
| 6 | ESR2662 | Clip hose | 2 | |




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## COOLING SYSTEM - RADIATOR, INTERCOOLER & OIL COOLER - 300TDI

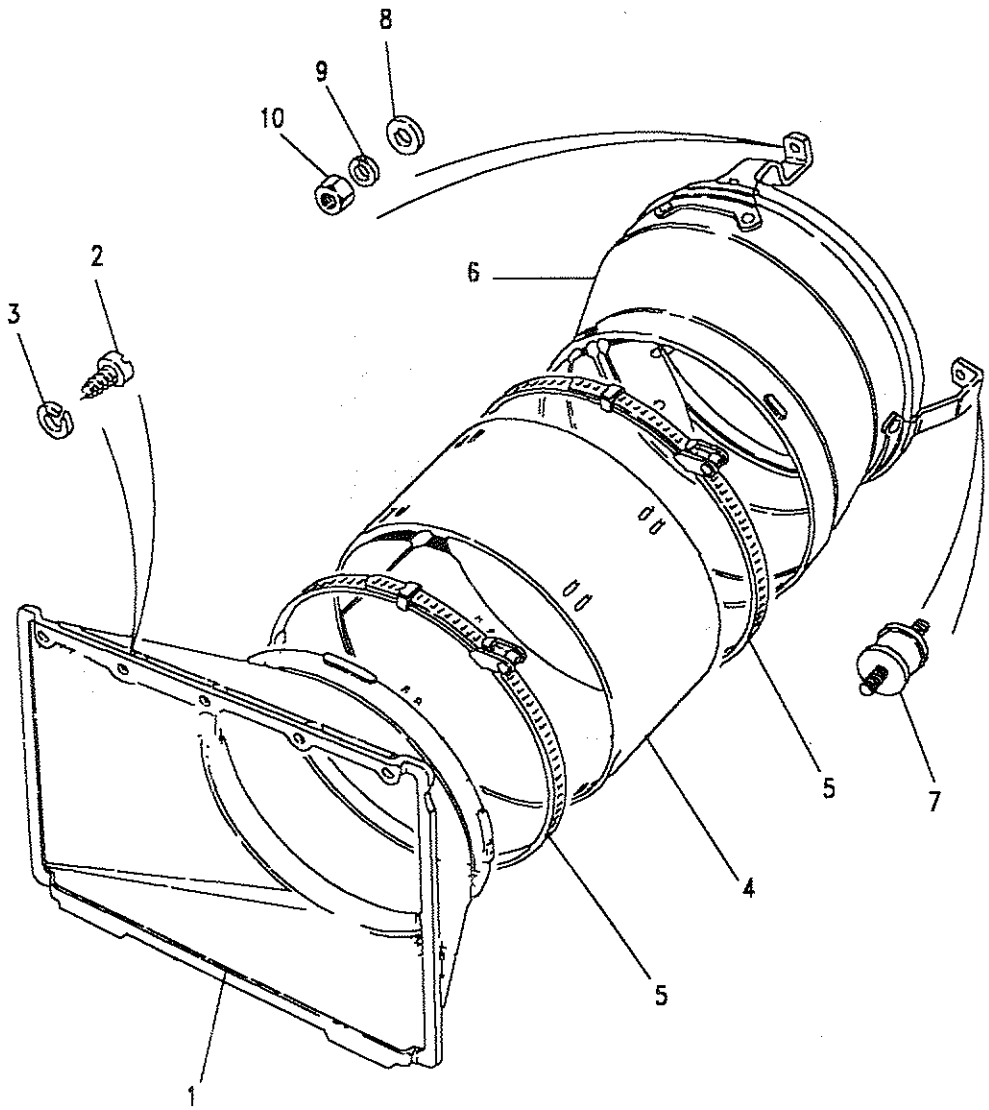
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Intercooler hoses** | | | | |
| 1 | ESR2309 | Hose intercooler/manifold | 1 | |
| 2 | CN100608 | Clip | 1 | |
| 3 | CN100708 | Clip hose | 1 | |
| 4 | ESR2728 | Pipe assy i'cooler/turbo | 1 | |
| 5 | ESR2055 | Pipe intercooler/turbo | 1 | |
| 6 | ESR2119 | Mounting rubber | 1 | |
| 7 | ESR2120 | Bracket mounting | 1 | |
| 8 | ESR2729 | Hose pipe/intercooler | 1 | |
| 9 | ESR2730 | Hose turbo/pipe | 1 | |
| 10 | CN100608 | Clip | 2 | |
| 11 | NY108041 | Nut nyloc M8 | 1 | |
| 12 | SH108161L | Screw M8 | 1 | |
| 13 | WA108041 | Washer plain | 1 | |
| 14 | CN100608 | Clip | 2 | |




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## COOLING SYSTEM - RADIATOR, INTERCOOLER & OIL COOLER - 300TDI

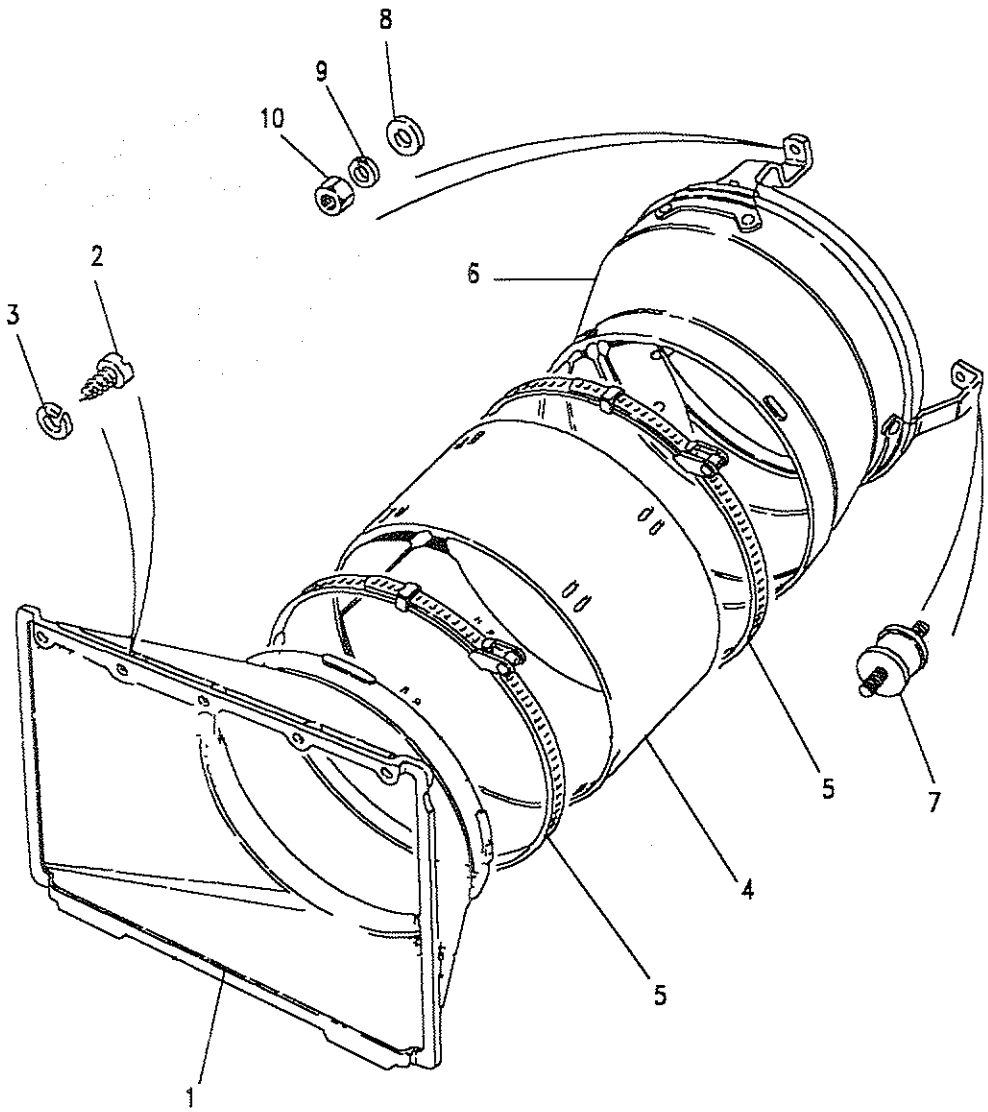
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Oil cooler hoses** | | | | |
| 1 | ESR1931 | Pipe cooler to engine | 1 | |
| 2 | ESR2629 | Pipe engine to cooler | 1 | |
| | ESR1594 | O Ring | 4 | |
| 3 | NTC6847 | Clamp saddle | 2 | |
| 4 | NY106041 | Nut nyloc M6 | 1 | |
| 5 | SH106161 | Screw M6 | 1 | |
| 6 | WA106041 | Washer plain | 2 | |




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**Page** ADLXAA2A

## COOLING SYSTEM - FAN COWL

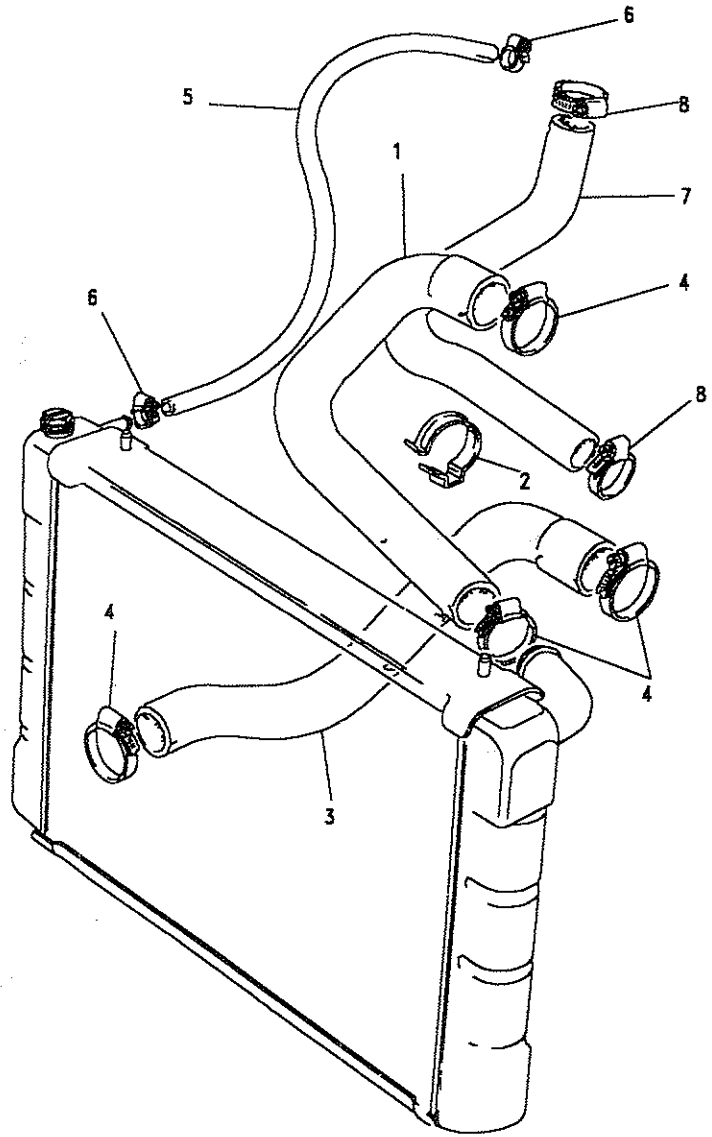
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder Petrol** | | | | |
| 1 | NRC3662 | Cowl fan-radiator | 1 | Upto VIN FA389798 |
| | NTC3937 | Cowl fan-radiator | 1 | From VIN FA389799 |
| **V8** | | | | |
| 1 | NRC3406 | Cowl fan-radiator | 1 | Upto VIN FA428918 |
| | NTC5685 | Cowl fan-radiator | 1 | From VIN FA428919 |
| **Diesel** | | | | |
| 1 | NRC3977 | Cowl fan-radiator | 1 | Upto VIN FA389798 |
| | NTC3937 | Cowl fan-radiator | 1 | From VIN FA389799 |
| **Diesel Turbo** | | | | |
| 1 | NTC3937 | Cowl fan-radiator | 1 | |
| **200Tdi** | | | | |
| 1 | ESR335 | Cowl fan-radiator | 1 | |




**Model** DEFENDER 90
**Page** ADLXAA2A

## COOLING SYSTEM - FAN COWL

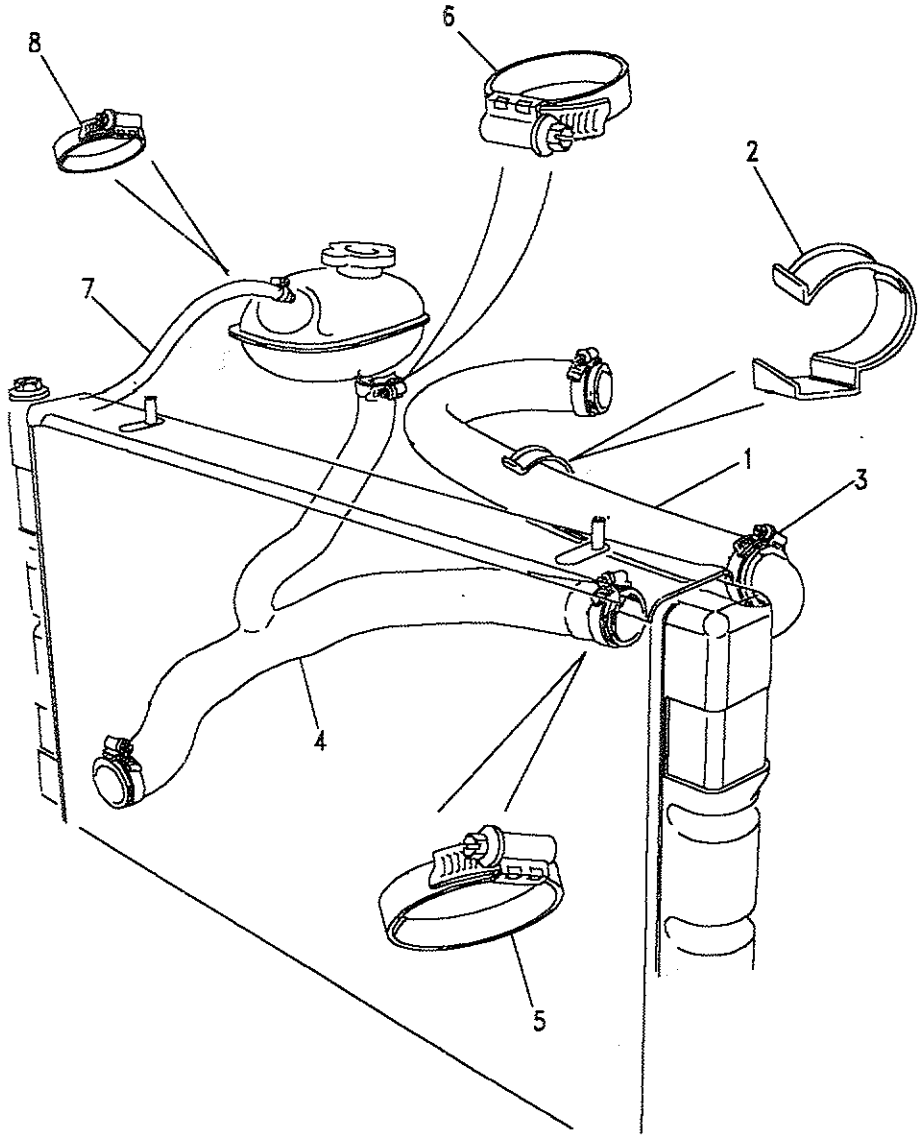
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 2 | 562979 | Screw | 5 | Upto VIN FA389798 |
| | 562979 | Screw | 4 | From VIN FA389799 |
| 3 | WS600041 | Washer spring | 5 | Upto VIN FA389798 |
| | WS600047L | Washer spring | 4 | From VIN FA389799 |
| | 595199 | Washer plain | 2 | Diesel From VIN FA389799 |
| | WS105001 | Washer spring | 2 | 200Tdi |
| | NH105041L | Nut | 2 | 200Tdi |
| 4 | NRC7227 | Ducting | 1 | 4 cylinder |
| 5 | NRC6430 | Clip retaining | 2 | 4 cylinder |
| 6 | ETC4989 | Cowl fan-engine | 1 | 4 cylinder |
| 7 | ETC4993 | Mounting flexible | 3 | |
| 8 | WA108051L | Washer plain | 2 | |
| 9 | WL108001L | Washer spring | 6 | |
| 10 | FN108041L | Nut | 5 | |




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**Page** ADLXAA3A

## COOLING SYSTEM - RADIATOR HOSES - 2.25 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC6403 | Hose top | 1 | |
| | NRC6404 | Hose top | 1 | Heavy Duty |
| 2 | NRC7448 | Clip hose | 1 | |
| 3 | NRC3664 | Hose bottom | 1 | |
| | NRC3976 | Hose bottom | 1 | Heavy Duty |
| 4 | CN100508 | Clip hose | 4 | |
| 5 | NRC4852 | Hose bleed | 1 | |
| 6 | AAU1979 | Clip hose | 2 | |
| 7 | NRC4850 | Hose-exp tank to pump | 1 | |
| 8 | CN100408 | Clip hose | 2 | |

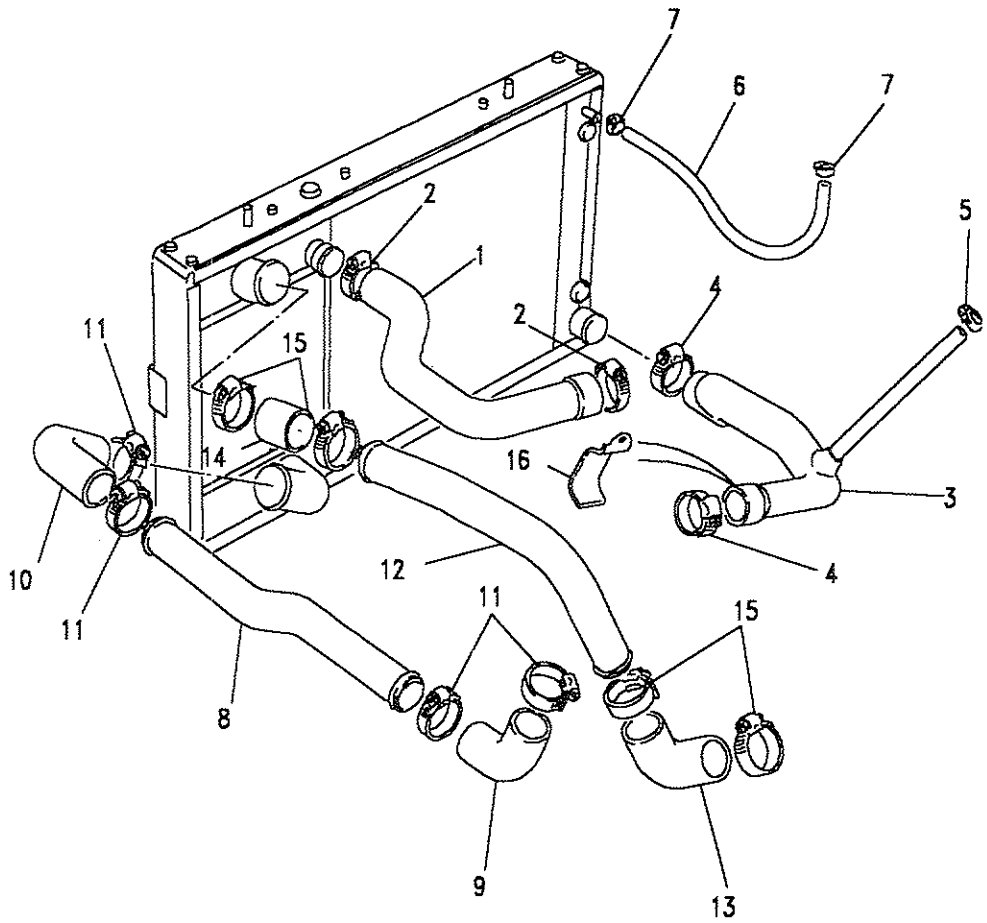



**Model** DEFENDER 90
**Page** ADLXAA4A

## COOLING SYSTEM - RADIATOR HOSES - 2.5 LITRE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder - Petrol, Diesel, Diesel Turbo** | | | | |
| 1 | NRC6404 | Hose top | 1 | Petrol/Diesel Upto VIN 261252 |
| | NTC2029 | Hose top | 1 | Petrol/Diesel |
| | | | 1 | From VIN 261253 Upto VIN FA389798 |
| | ESR2125 | Hose top | 1 | Petrol/Diesel From VIN FA389799 |
| | ESR2125 | Hose top | 1 | Diesel Turbo |
| 2 | NRC7448 | Clip retaining | 1 | |
| 3 | CN100508 | Clip hose | 2 | |
| | NRC4842 | Hose bottom -engine to connector | 1 | Note(1) |
| | NRC4843 | Tee piece | 1 | Note(1) |
| | NRC4844 | Hose bottom -connector to radiator | 1 | Note(1) |
| | CN100508 | Clip hose | 4 | Note(1) |
| | NRC4837 | Hose -connector to exp tank | 1 | Diesel Note(1) |
| | NRC5503 | Hose -connector to exp tank | 1 | Petrol Note(1) |
| | CN100408 | Clip hose | 2 | Note(1) |
| 4 | NTC3453 | Hose bottom | 1 | From VIN 261253 |
| 5 | CN100508 | Clip hose | 2 | |
| 6 | CN100308L | Clip hose | 1 | |
| 7 | NRC9726 | Hose bleed | 1 | |
| | NTC2736 | Hose bleed | 1 | Diesel Turbo |
| 8 | AAU1979 | Clip hose | 2 | |

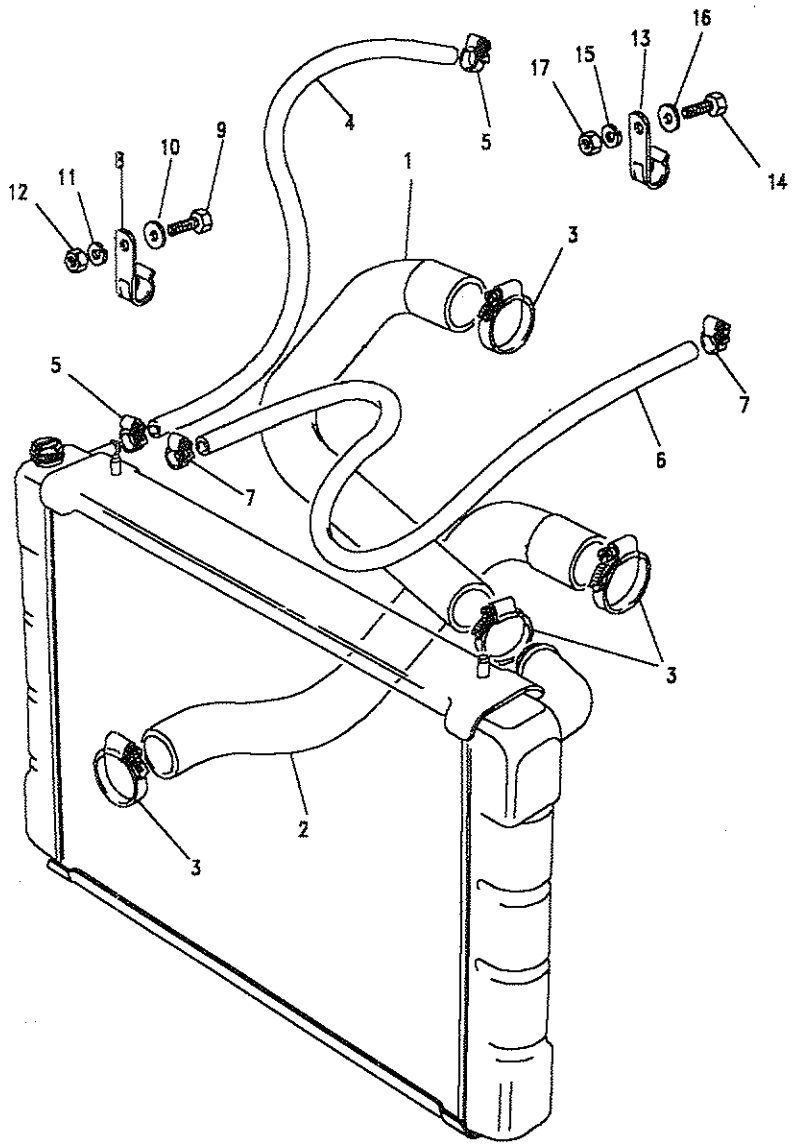
Note(1) upto VIN 261252, also used on air con vehicles upto engine number 17H07705C




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**Page** ADLXAA5A

## COOLING SYSTEM - RADIATOR HOSES - 200 TDI

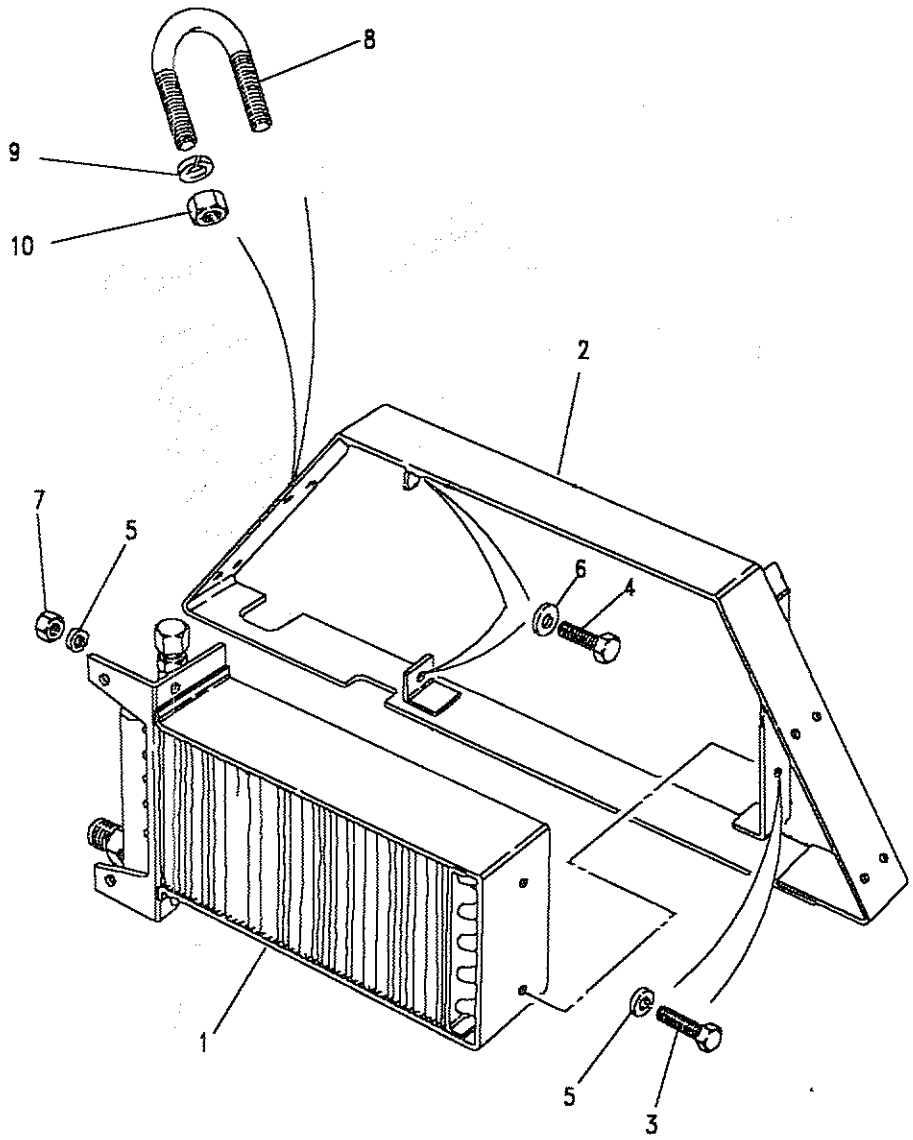
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC4895 | Hose top | 1 | |
| 2 | CN100508 | Clip hose | 2 | |
| | **Non Air Con** | | | |
| 3 | ESR536 | Hose bottom | 1 | |
| | **Air Con** | | | |
| 3 | ESR536 | Hose bottom | 1 | Upto VIN JA915821 |
| 3 | ESR1686 | Hose bottom | 1 | From VIN JA915822 |
| 4 | CN100508 | Clip hose | 2 | |
| 5 | CN100308L | Clip hose | 1 | |
| 6 | NTC4898 | Hose bleed | 1 | |
| 7 | CN100208L | Clip hose | 2 | |
| 8 | NTC5628 | Pipe -turbo to intercooler | 1 | |
| 9 | ESR299 | Hose | 1 | Upto VIN JA915341 |
| | ESR1906 | Hose | 1 | From VIN JA915342 |
| 10 | ESR298 | Hose | 1 | |
| 11 | CN100608L | Clip hose | 4 | |
| 12 | NTC5627 | Pipe -intercooler to manifold | 1 | |
| 13 | ESR299 | Hose | 1 | Upto VIN JA915341 |
| | ESR1906 | Hose | 1 | From VIN JA915342 |
| 14 | ESR289 | Hose | 1 | |
| 15 | CN100608L | Clip hose | 4 | |
| 16 | ESR400 | Bracket bottom hose | 1 | Air Con |




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**Page** ADLXAA6A

## COOLING SYSTEM - RADIATOR HOSES - V8

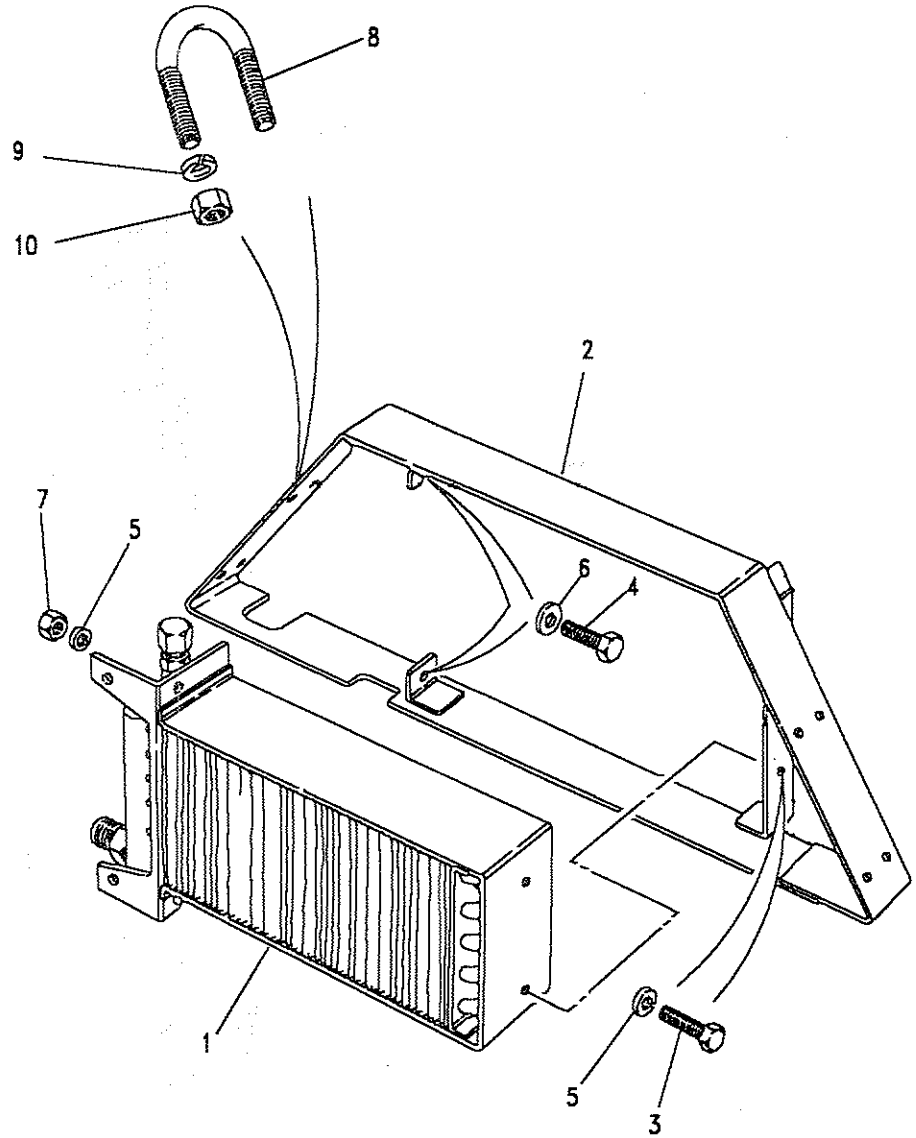
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5985 | Hose top | 1 | Upto VIN FA428918 |
| | NTC5686 | Hose top | 1 | From VIN FA428919 |
| | NRC9710 | Hose top | 1 | Air Con Upto VIN FA429127 |
| | NTC5687 | Hose top | 1 | Air Con From VIN FA429128 |
| 2 | NRC3405 | Hose bottom | 1 | Upto VIN 257176 |
| | NTC3543 | Hose bottom | 1 | From VIN 257177 |
| 3 | CN100508 | Clip hose | 4 | |
| 4 | NRC9726 | Hose bleed | 1 | |
| | NTC2736 | Hose bleed | 1 | When oil cooler fitted |
| 5 | AAU1979 | Clip hose | 2 | |
| 6 | 90575977 | Hose bleed | 1 | Penthouse |
| 7 | AAU1979 | Clip hose | 2 | |
| 8 | NRC2383 | Clip retaining | 1 | |
| 9 | FS106201L | Flange screw | 1 | |
| 10 | WA106041L | Washer plain | 1 | |
| 11 | WM106001L | Washer spring | 1 | |
| 12 | NH106041L | Nut | 1 | |
| **Non Air Con** | | | | |
| 13 | 239600 | Clip retaining | 1 | Penthouse bleed |
| 14 | FS108201L | Screw | 1 | |
| 15 | WA108051L | Plain Washer | 1 | |
| 16 | WL108001L | Spring Washer | 1 | |
| 17 | FN108041L | Nut | 1 | |




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**Page** ADLXAG1A

## ENGINE OIL COOLER - OIL COOLER AND MOUNTING FRAME

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder Petrol - Upto VIN FA389798** | | | | |
| 1 | NRC7741 | Oil cooler | 1 | Note(1) |
| **Naturally Aspirated Diesel - Upto VIN FA389798** | | | | |
| 1 | NRC7741 | Oil cooler | 1 | Note(1) |
| **V8 - Upto VIN FA429127** | | | | |
| 1 | NRC7741 | Oil cooler | 1 | Note(2) |
| **V8 Air Con - Upto VIN FA429127** | | | | |
| 1 | NRC8201 | Oil cooler | 1 | Note(2) |

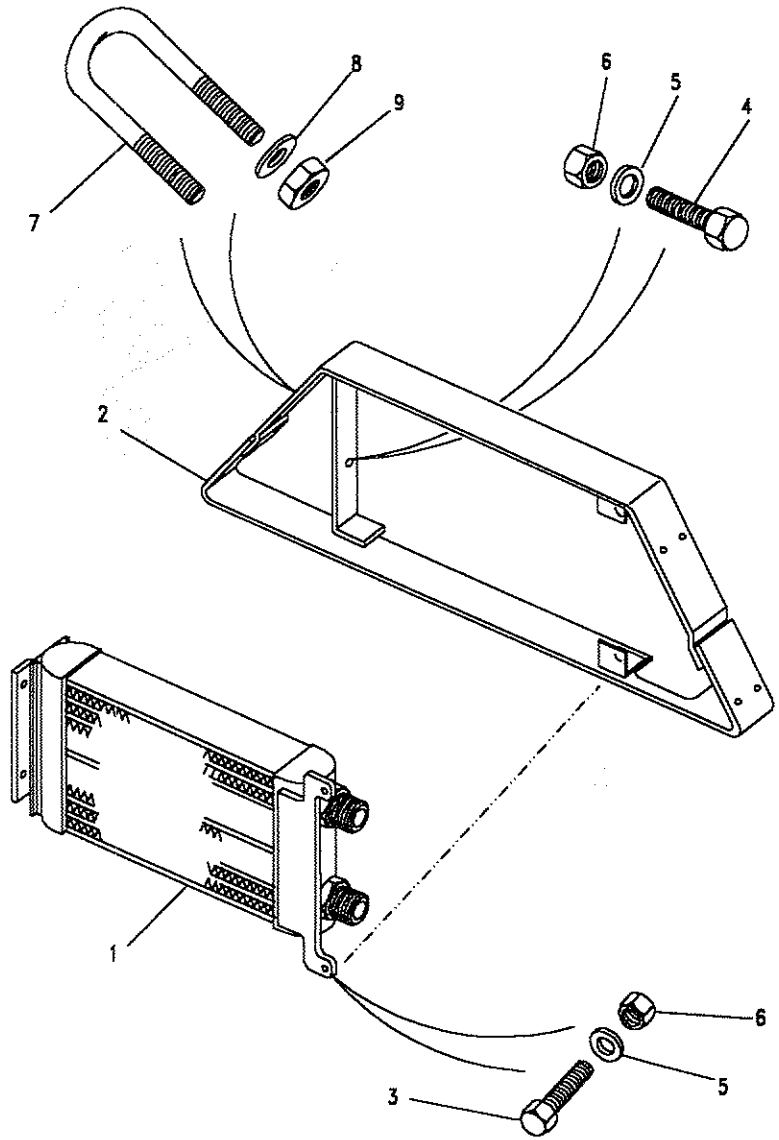



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**Page** ADLXAG1A

## ENGINE OIL COOLER - OIL COOLER AND MOUNTING FRAME

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN FA429127 - Non Air Con** | | | | |
| 2 | NRC7458 | Frame mounting | 1 | |
| 3 | SH106121L | Screw | 2 | |
| 4 | SH106167L | Screw | 2 | |
| 5 | WL106001L | Washer spring | 4 | |
| 6 | WA106041L | Washer plain | 2 | |
| 7 | NH106041L | Nut | 2 | |
| 8 | NRC7459 | U bolt | 4 | |
| 9 | WL106001L | Washer spring | 8 | |
| 10 | NH106041L | Nut | 8 | |
| **Upto VIN FA429127 - Air Con** | | | | |
| | SH106121L | Screw | 2 | |
| | WL106001L | Washer spring | 4 | |
| | NH106041L | Nut | 2 | |

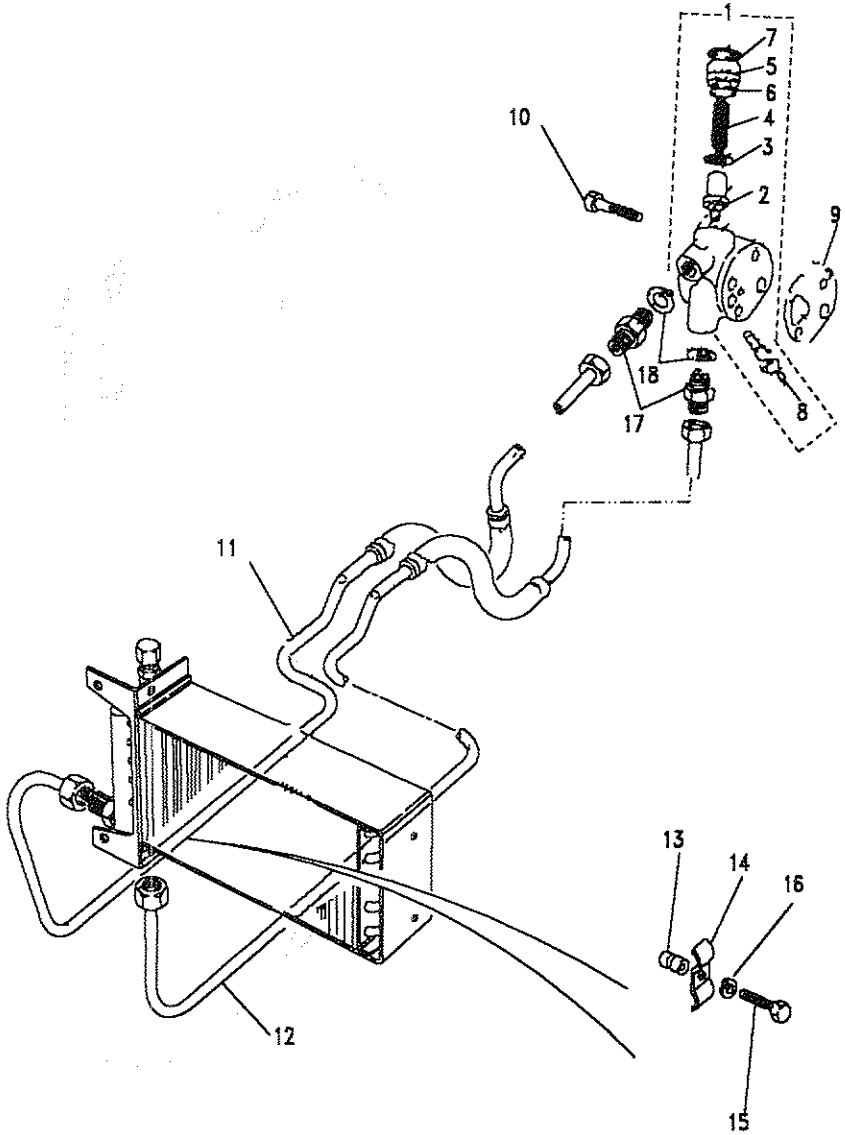
Note(1) From VIN FA389799-Engine oil cooler is part of radiator
Note(2) From VIN FA429128-Engine oil cooler is part of radiator




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**Page** ADLXAG2A

**GEARBOX OIL COOLER - COOLER AND FRAME - V8 LT77 GEARBOX**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ESR488 | Oil cooler | 1 | Upto JA918061 |
| | ESR1554 | Oil cooler | 1 | From JA918062 |
| 2 | ESR489 | Frame mounting | 1 | |
| 3 | FS106167L | Screw | 2 | |
| 4 | SH106121L | Screw | 2 | |
| 5 | WA106041L | Washer plain | 4 | |
| 6 | NH106041L | Nut | 4 | |
| **Non Air Con** | | | | |
| 7 | NRC7459 | U bolt | 4 | |
| 8 | WA106041L | Washer plain | 8 | |
| 9 | NH106041L | Nut | 8 | |



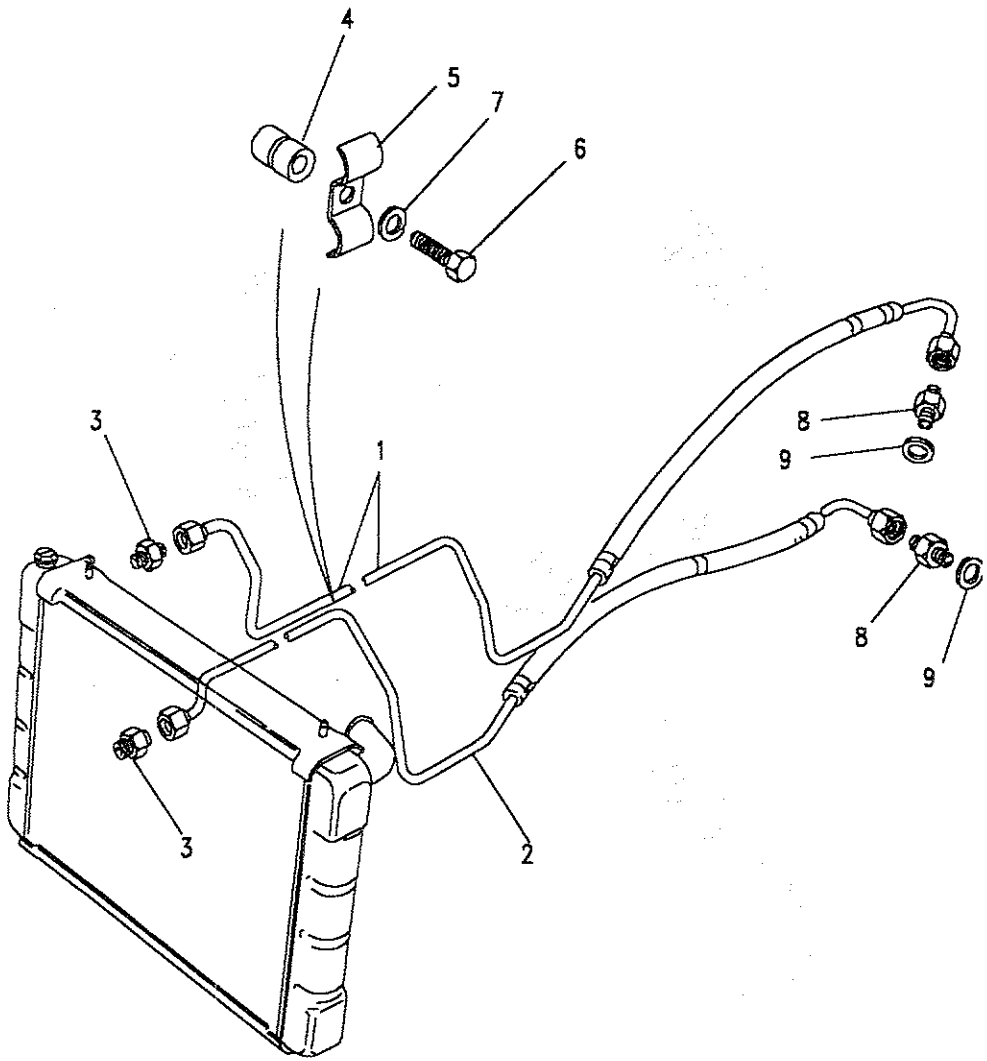

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**Page** ADLXAI1A

## ENGINE OIL COOLER -ADAPTOR & PIPES - 4 CYLINDER - NOTE(1)

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERC7755 | Adaptor assembly | 1 | ) |
| 2 | ERC6923 | Thermostat | 1 | ) |
| 3 | ERC7756 | Joint Washer | 1 | ) |
| 4 | ERC7757 | Spring | 1 | ) |
| 5 | ERC5756 | Plug | 1 | )2.25 Litre |
| 6 | ERC5757 | O ring | 1 | )Note(2) |
| 7 | CR110301 | Circlip | 1 | ) |
| 8 | PRC2505 | Transmitter-oil temp | 1 | ) |
| 9 | ERC7773 | Joint Washer | 1 | ) |
| 10 | ERC9499 | Bolt-to cyl block | 1 | ) |
| 11 | NRC5820 | Pipe assembly feed | 1 | 2.25 |
| | NRC8196 | Pipe assembly feed | 1 | 2.25 Air Con |
| | NRC8507 | Pipe assembly feed | 1 | 2.5 |
| | NRC8509 | Pipe assembly feed | 1 | 2.5 Air Con |
| 12 | NRC5819 | Pipe assembly return | 1 | 2.25 |
| | NRC8197 | Pipe assembly return | 1 | 2.25 Air Con |
| | NRC8508 | Pipe assembly return | 1 | 2.5 |
| | NRC8510 | Pipe assembly return | 1 | 2.5 Air Con |
| 13 | NN106011 | Nutsert | 1 | |
| 14 | 594637 | Clamp pipe | 1 | |
| 15 | FS106167L | Screw | 1 | |
| 16 | WL106001L | Washer spring | 1 | |
| 17 | NRC8618 | Coupling | 2 | 2.5 |
| 18 | ETC7398 | Washer copper | 2 | 2.5 |

Note(1) 2.25 Petrol; 2.5 petrol upto VIN FA389798; Diesel naturally aspirated upto VIN FA389798

Note(2) For 2.5 Adaptor - refer to Engine

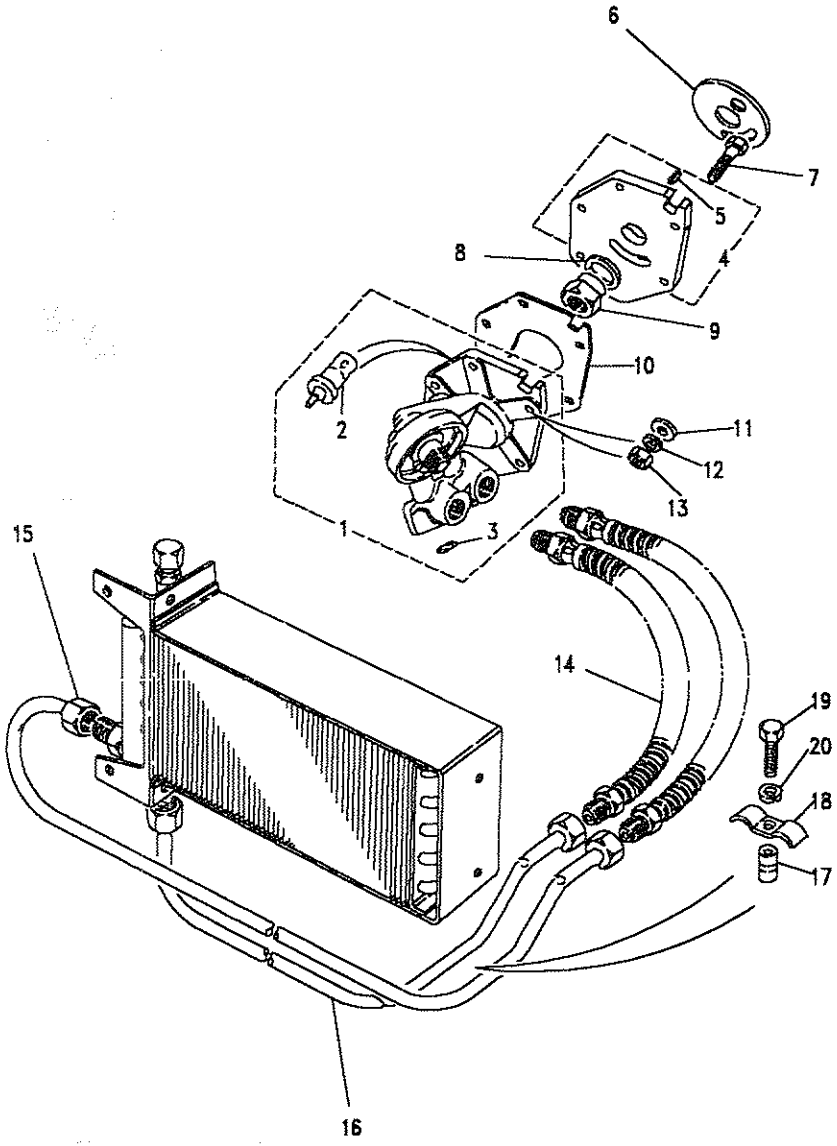



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**Page** ADLXAI2A

## ENGINE OIL COOLER - PIPES - 4 CYLINDER - NOTE(1)

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC2927 | Pipe assembly feed | 1 | Upto VIN FA430160 |
| | ESR71 | Pipe assembly feed | 1 | From VIN FA430161 |
| | ESR280 | Pipe assembly feed | 1 | 200Tdi Upto VIN JA918061 |
| | ESR1912 | Pipe assembly feed | 1 | From VIN JA918062 |
| 2 | NTC2928 | Pipe assembly return | 1 | Upto VIN FA430160 |
| | ESR281 | Pipe assembly return | 1 | From VIN FA430161 Upto |
| | ESR281 | Pipe assembly return | 1 | 200Tdi Upto VIN JA918061 |
| | ESR1913 | Pipe assembly return | 1 | From VIN JA918062 |
| 3 | NTC3858 | Adaptor radiator | 2 | Upto VIN JA918061 |
| | ESR1262 | Adaptor radiator | | From VIN JA918062 |
| 4 | NN106011 | Nutsert | 1 | |
| 5 | 594637 | Clamp pipe | 1 | |
| 6 | FS106167L | Screw | 1 | |
| 7 | WL106001L | Washer spring | 1 | |
| | NTC6847 | Clamp pipe | 2 | 200Tdi |
| | FS106167L | Screw | 1 | 200Tdi |
| | WA106041L | Washer plain | 2 | 200Tdi |
| | NY106041L | Nut | 1 | 200Tdi |
| | 568680 | Cable tie | 1 | 200Tdi |
| 8 | NRC8618 | Coupling | 2 | |
| 9 | ETC7398 | Washer copper | 2 | |

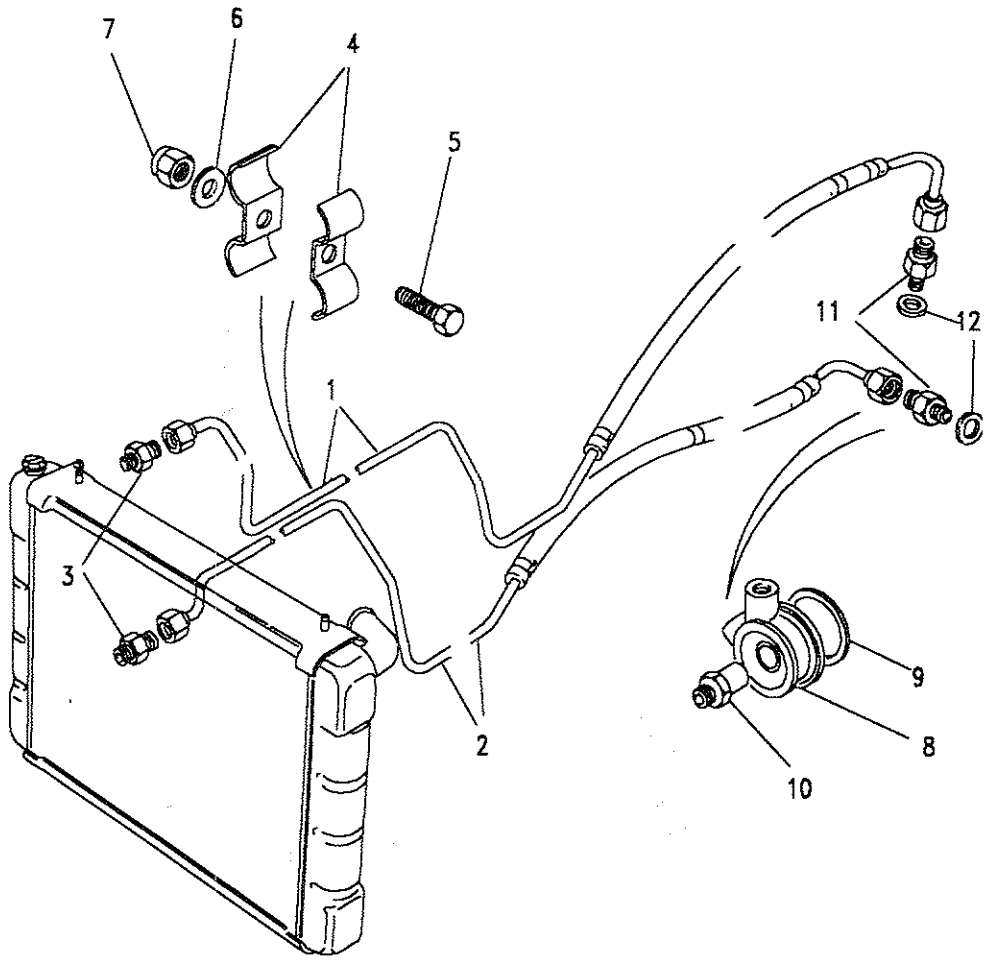
Note(1) Diesel Turbo; 2.5 Petrol from VIN FA389799; Diesel naturally aspirated from VIN FA389799




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**Page** ADLXAI3A

## ENGINE OIL COOLER -ADAPTOR AND PIPES - V8

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN FA429127** | | | | |
| 1 | ERC6720 | Adaptor assembly | 1 | |
| 2 | ERC5923 | Thermostat | 1 | |
| 3 | TRS1114L | O ring | 2 | |
| 4 | ERC6722 | Baseplate | 1 | Upto VIN 322599 |
| | ETC6812 | Baseplate | 1 | From VIN 322600 |
| 5 | PA105101 | Pin spring | 1 | Upto VIN 322599 |
| 6 | SH108301L | Screw | 5 | |
| 7 | ERC6890 | Joint Washer | 1 | Upto VIN 322599 |
| | ERR852 | Joint Washer | 1 | From VIN 322600 |
| | ERC3724 | Washer | 1 | |
| 9 | ERC3500 | Nut tube | 1 | |
| 10 | ERC6723 | Joint Washer | 1 | |
| 11 | WA108051L | Plain Washer | 5 | |
| 12 | WL108001L | Washer spring | 5 | |
| 13 | FN108041L | Nut | 5 | |
| 14 | NRC4162 | Pipe flexible | 2 | |
| 15 | NRC5824 | Pipe assembly feed | 1 | |
| | NRC8198 | Pipe assembly feed | 1 | Air Con |
| 16 | NRC5823 | Pipe assembly | 1 | |
| | NRC8199 | Pipe assembly return | 1 | Air Con |
| 17 | NN106011 | Nutsert | 1 | |
| 18 | 594637 | Clamp pipe | 1 | |
| 19 | FS106167L | Screw | 1 | |
| 20 | WL106001L | Washer spring | 1 | |

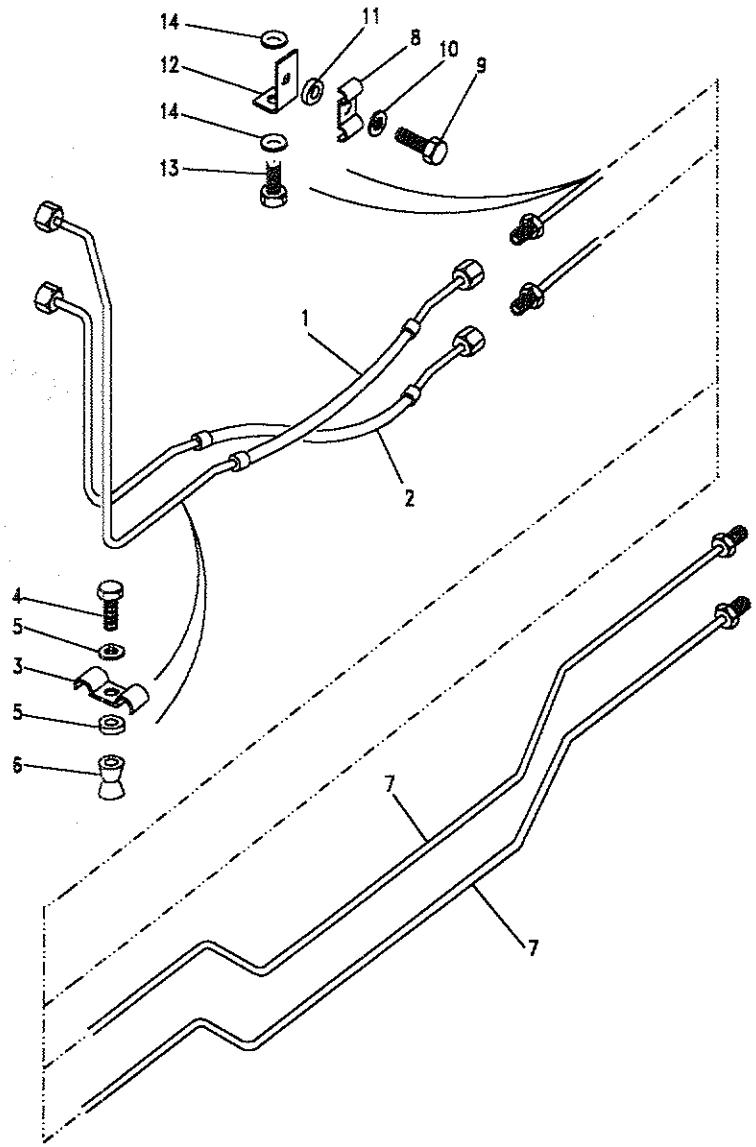



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## ENGINE OIL COOLER - PIPES - V8

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN FA429128** | | | | |
| 1 | ESR399 | Pipe assembly feed | 1 | Upto VIN HA906108 |
| | ESR583 | Pipe assembly feed | 1 | From VIN HA906109 Upto VIN JA918061 |
| | ESR1915 | Pipe assembly feed | 1 | From VIN JA918062 |
| 2 | NTC5624 | Pipe assembly return | 1 | Except Note(1) Upto VIN JA918061 |
| | ESR398 | Pipe assembly return | 1 | Note(1) Upto VIN JA918061 |
| | ESR1914 | Pipe assembly return | 1 | From VIN JA918062 |
| 3 | NTC3858 | Adaptor radiator | 2 | Upto VIN JA918061 |
| | ESR1262 | Adaptor radiator | 2 | From VIN JA918062 |
| 4 | NTC6847 | Clamp pipe | 2 | |
| 5 | FS106167L | Screw | 1 | |
| 6 | WA106041L | Washer plain | 1 | |
| 7 | NY106041L | Nut | 1 | |
| 8 | ERC8501 | Adaptor assembly filter | 1 | |
| 9 | ERR852 | Gasket | 1 | |
| 10 | ERC2226L | Adaptor screw | 1 | |
| 11 | ETC9064 | Adaptor | 2 | |
| 12 | ETC9065 | Washer copper | 2 | |

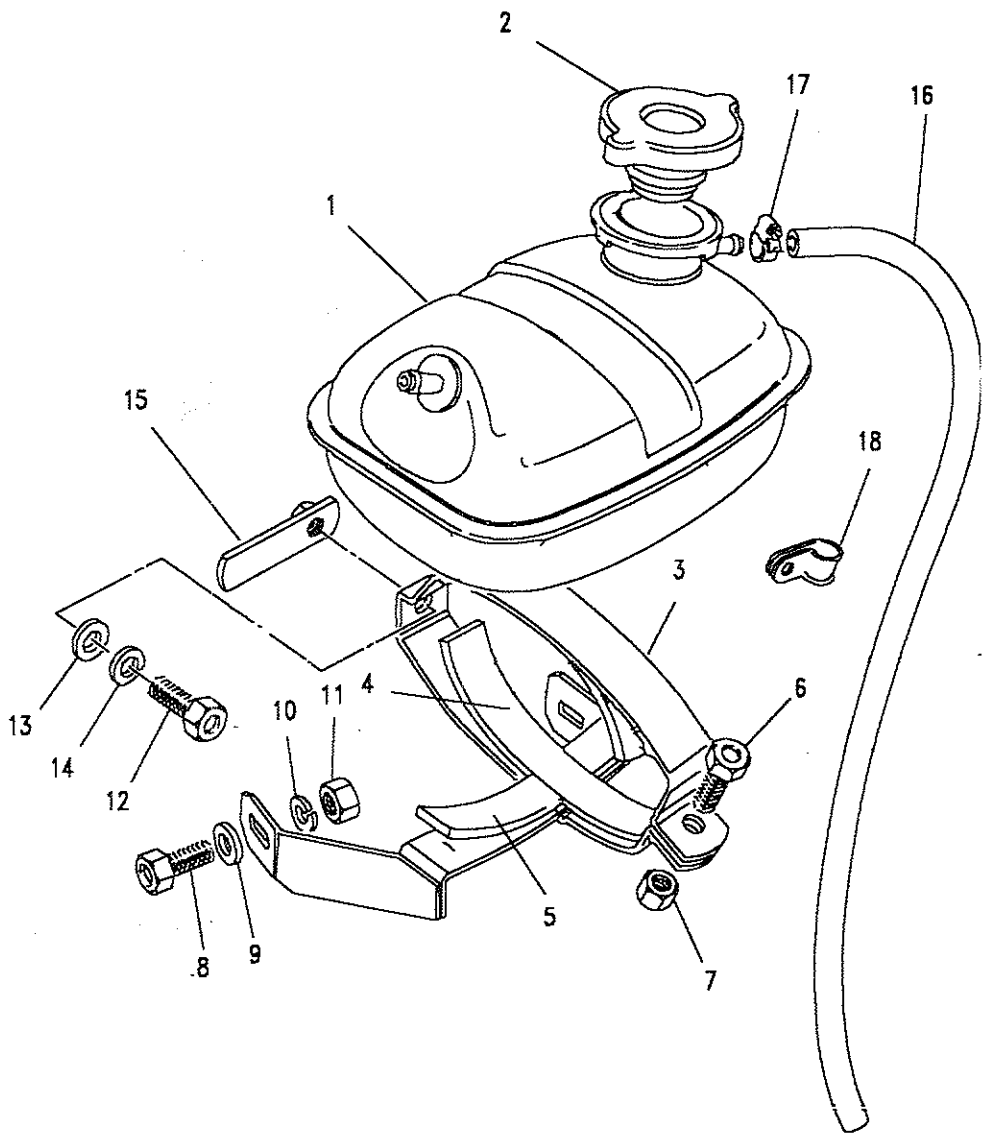
Note(1) RHD vehicles with Gemmer power steering box from VIN HA469818




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**Page** ADLXAI5A

## GEARBOX OIL COOLER - PIPES - V8 LT77 GEARBOX

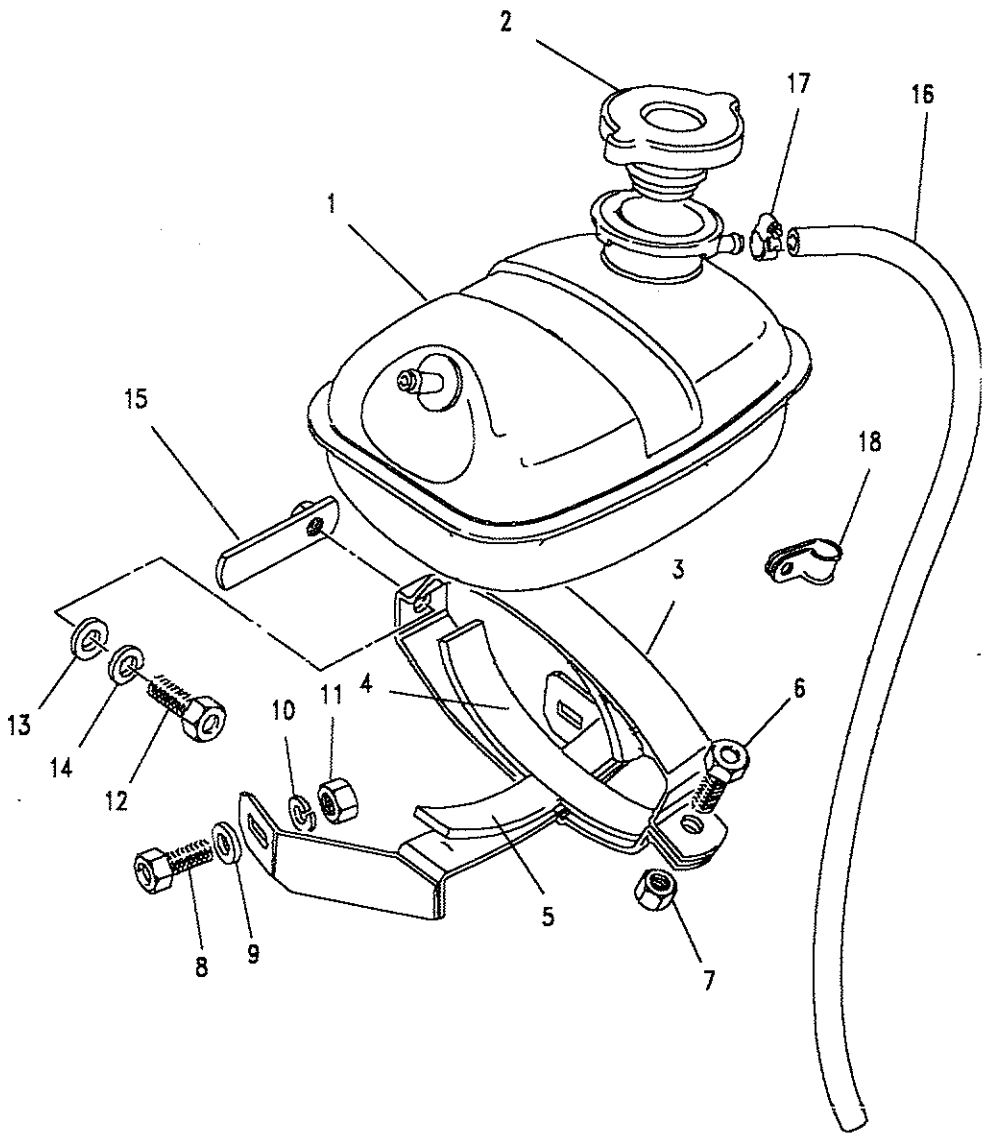
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Non Air Con** | | | | |
| 1 | ESR570 | Pipe oil cooler RH front | 1 | Upto VIN JA918061 |
| | ESR1919 | Pipe oil cooler RH front | 1 | From VIN JA918062 |
| 2 | ESR571 | Pipe oil cooler LH front | 1 | Upto VIN JA918061 |
| | ESR1920 | Pipe oil cooler LH front | 1 | From VIN JA918062 |
| **Air Con** | | | | |
| 1 | ESR530 | Pipe oil cooler RH front | 1 | Upto VIN JA918061 |
| | ESR1918 | Pipe oil cooler RH front | 1 | From VIN JA918062 |
| 2 | ESR531 | Pipe oil cooler LH front | 1 | Upto VIN JA918061 |
| | ESR1917 | Pipe oil cooler LH front | 1 | From VIN JA918062 |
| 3 | 594637 | Clip retaining | 1 | |
| 4 | FS106167L | Screw | 1 | |
| 5 | WA106041L | Washer plain | 2 | |
| 6 | NN106011 | Nut anchor | 1 | |
| 7 | ESR527 | Pipe oil cooler rear | 2 | Upto VIN JA918061 |
| | ESR1916 | Pipe oil cooler rear | 2 | From VIN JA918062 |
| 8 | 594637 | Clip retaining | 1 | |
| 9 | FS106201L | Screw | 1 | |
| 10 | WA108051L | Washer plain | 1 | |
| 11 | WA106041L | Washer plain | 1 | |
| 12 | NTC5897 | Bracket mounting | 1 | |
| 13 | SH505081L | Screw | 1 | |
| 14 | WA106001I | Washer plain | 2 | |




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## COOLING SYSTEM - EXPANSION TANK

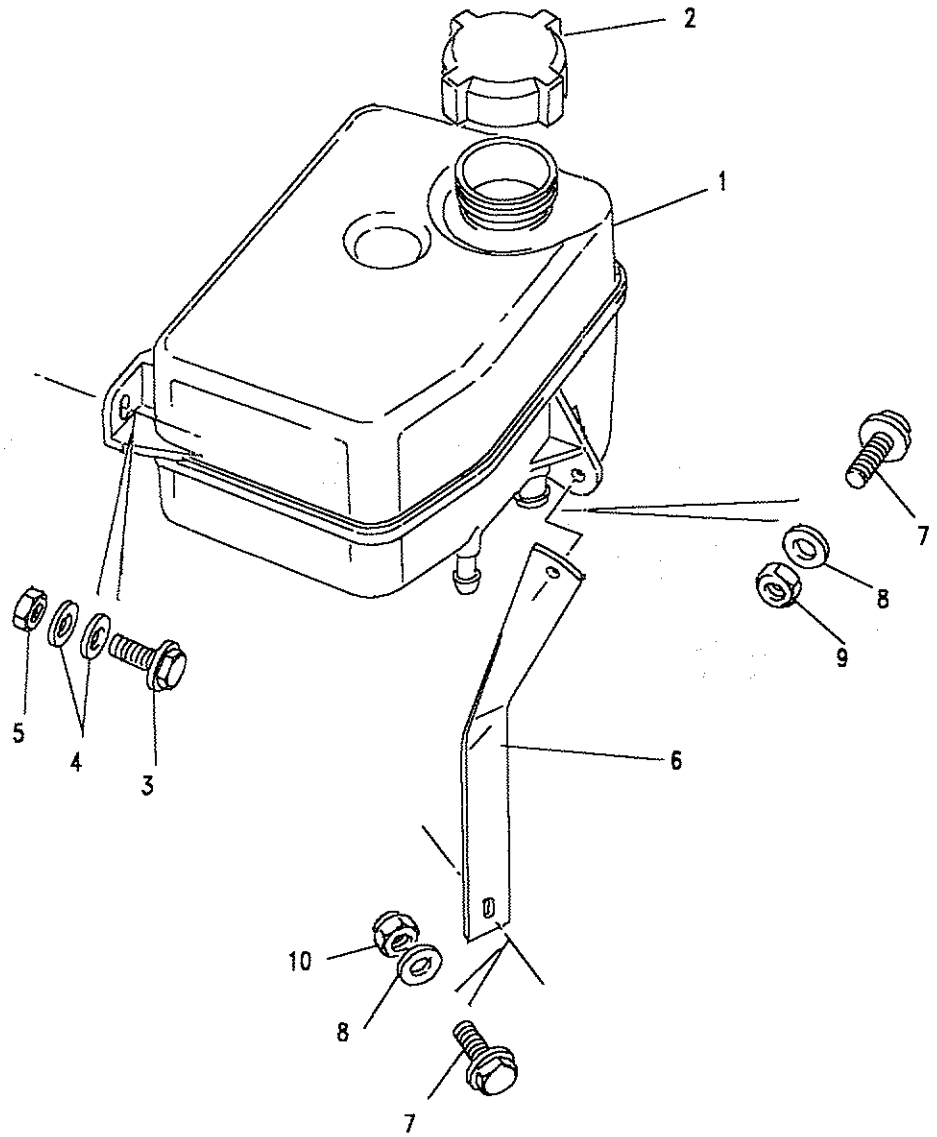
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Petrol, Nat Asp Diesel, Diesel Turbo** | | | | |
| **4 Cylinder, All Variants** | | | | |
| 1 | ESR2733 | Tank expansion | 1 | |
| 2 | RTC3610 | Cap expansion tank-9psi | 1 | Upto LA932798 |
| | PCD100150 | Cap expansion tank-15psi | 1 | From LA932799 |
| | 565540 | Cap expansion tank-15psi | 1 | Diesel Turbo |
| **V8** | | | | |
| 1 | ESR2734 | Tank expansion | 1 | |
| 2 | PCD100150 | Cap expansion tank-15psi | 1 | |
| 3 | NRC6692 | Carrier | 1 | |
| 4 | NRC5294 | Strip polyurethane | 2 | |
| 5 | NRC5295 | Strip polyurethane | 2 | |
| 6 | SH106207L | Screw | 1 | Upto FA389798 |
| | FS106201L | Flange screw | 1 | From FA389799 |
| 7 | NY106041L | Nut | 1 | |
| 8 | SH106207L | Screw-to wheelarch | 2 | ) |
| 9 | WC106047 | Washer plain | 4 | )Upto |
| 10 | WL106007L | Washer spring | 2 | )FA389798 |
| 11 | NH106047 | Nut | 2 | ) |




**Model** DEFENDER 90
**Page** ADLXCA1A

## COOLING SYSTEM - EXPANSION TANK

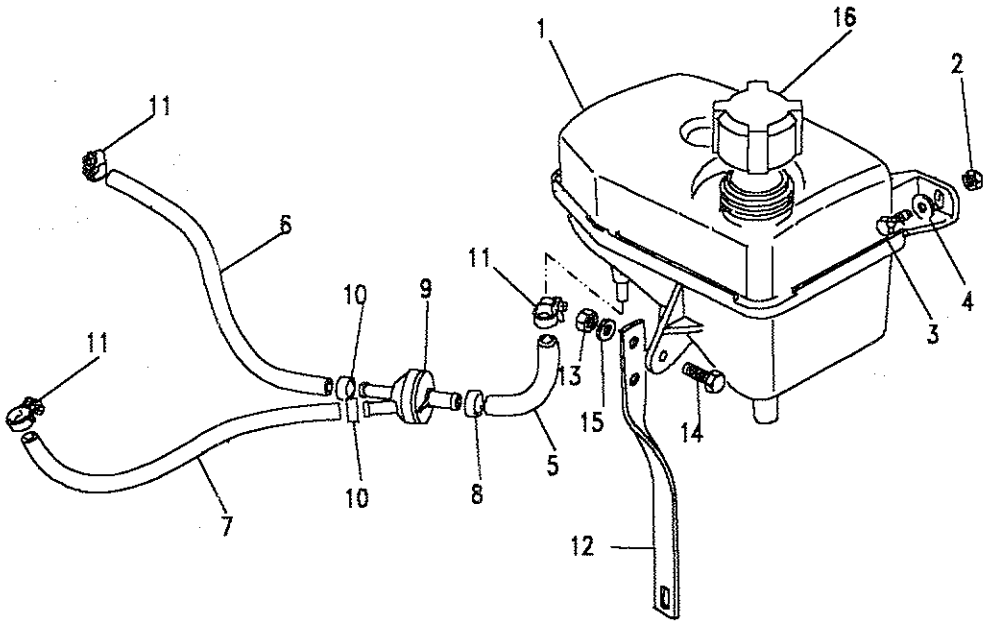
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 8 | FS106201L | Screw-to wheelarch | 2 | ) |
| 9 | WC106041L | Washer plain | 4 | )From |
| 10 | WL106001L | Washer spring | 2 | )FA389799 |
| 11 | NH106041L | Nut | 2 | ) |
| 12 | SH106207L | Screw-to wing | 1 | ) |
| 13 | WC106047 | Washer plain | 1 | )Upto |
| 14 | WL106007L | Washer spring | 1 | )FA389798 |
| | FS106201L | Screw-to wing | 1 | ) |
| | WC106041L | Washer plain | 1 | )From |
| | WL106001L | Washer spring | 1 | )FA389799 |
| 15 | NRC7133 | Nut plate | 1 | |
| 16 | 564724 | Hose overflow | 1 | |
| 17 | NRC1360 | Clip hose | 1 | |
| 18 | CP106121 | Clip retaining | 1 | |




**Model** DEFENDER 90
**Page** ADLXCC1A

**COOLING SYSTEM - EXPANSION TANK**

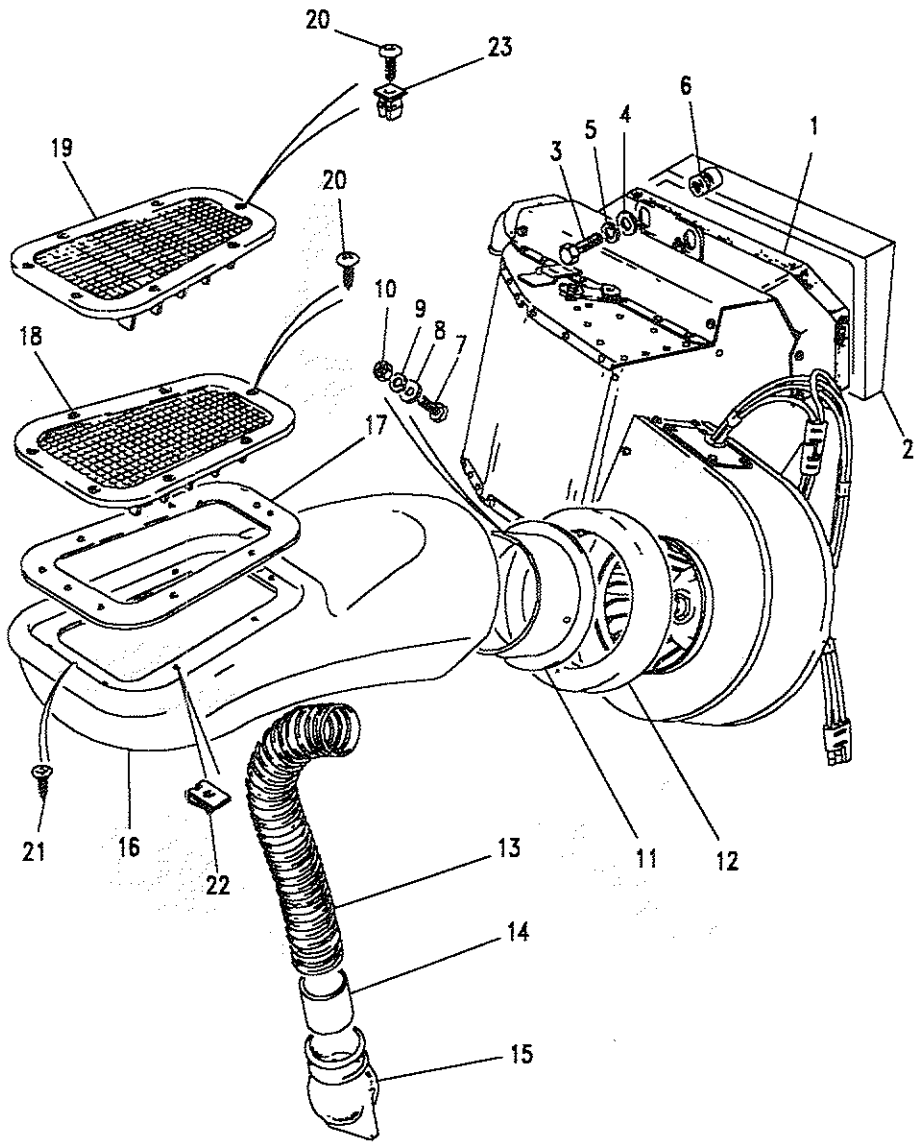
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **200TDI** | | | | |
| 1 | ESR63 | Tank expansion | 1 | |
| 2 | NTC7161 | Cap | 1 | 15 psi |
| 3 | FS106167L | Screw | 2 | |
| 4 | WA106041L | Washer plain | 4 | |
| 5 | NH106041L | Nut | 2 | |
| 6 | ESR584 | Bracket mounting | 1 | |
| 7 | FS106167L | Screw | 2 | |
| 8 | WA106041L | Washer plain | 2 | |
| 9 | NH106041L | Nut | 1 | |
| 10 | NY106041L | Nut | 1 | |




**Model** DEFENDER 90
**Page** ADLXCC1B

## COOLING SYSTEM - EXPANSION TANK

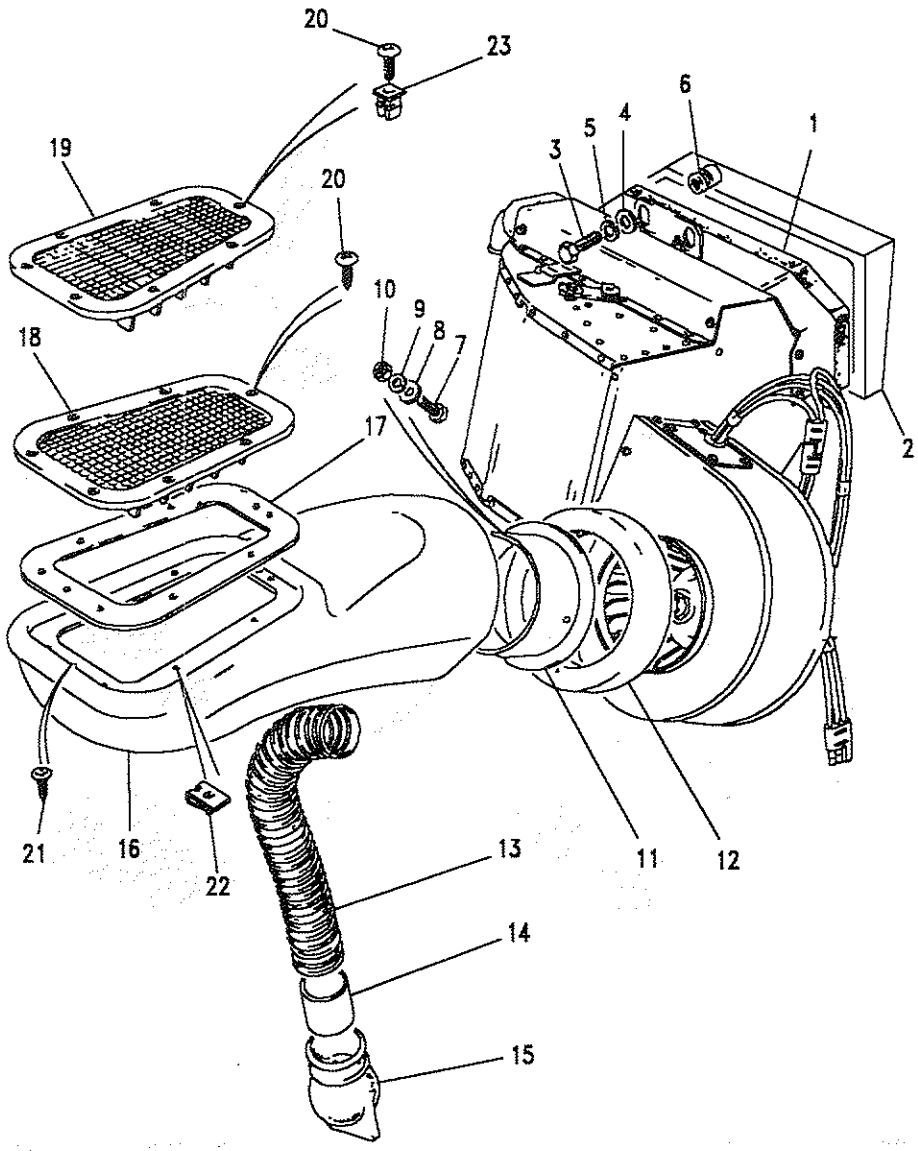
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **300TDI** | | | | |
| 1 | ESR0063 | Expansion tank | 1 | |
| 2 | NH106041 | Nut M6 | 3 | |
| 3 | SH106161 | Screw M6 | 3 | |
| 4 | WA106041 | Washer plain | 5 | |
| 5 | ESR2343 | Hose ejector/exp.tank | 1 | |
| 6 | ESR2344 | Hose radiator/ejector | 1 | |
| 7 | ESR2345 | Hose engine/ejector | 1 | |
| 8 | ESR2346 | Clip oetiker hose type | 1 | |
| 9 | ESR2348 | Pump ejector | 1 | |
| 10 | ESR2349 | Clip oetiker hose type | 2 | |
| 11 | CN100208 | Clip hose | 3 | |
| 12 | ESR2313 | Bracket mounting | 1 | |
| 13 | NH106041 | Nut M6 | 1 | |
| 14 | SH106161 | Screw M6 | 1 | |
| 15 | WA106041 | Washer plain | 1 | |
| 16 | NTC7161 | Cap expansion tank-15psi | 1 | |




**Model** DEFENDER 90
**Page** ADLXGA1A

## HEATING SYSTEM - HEATER

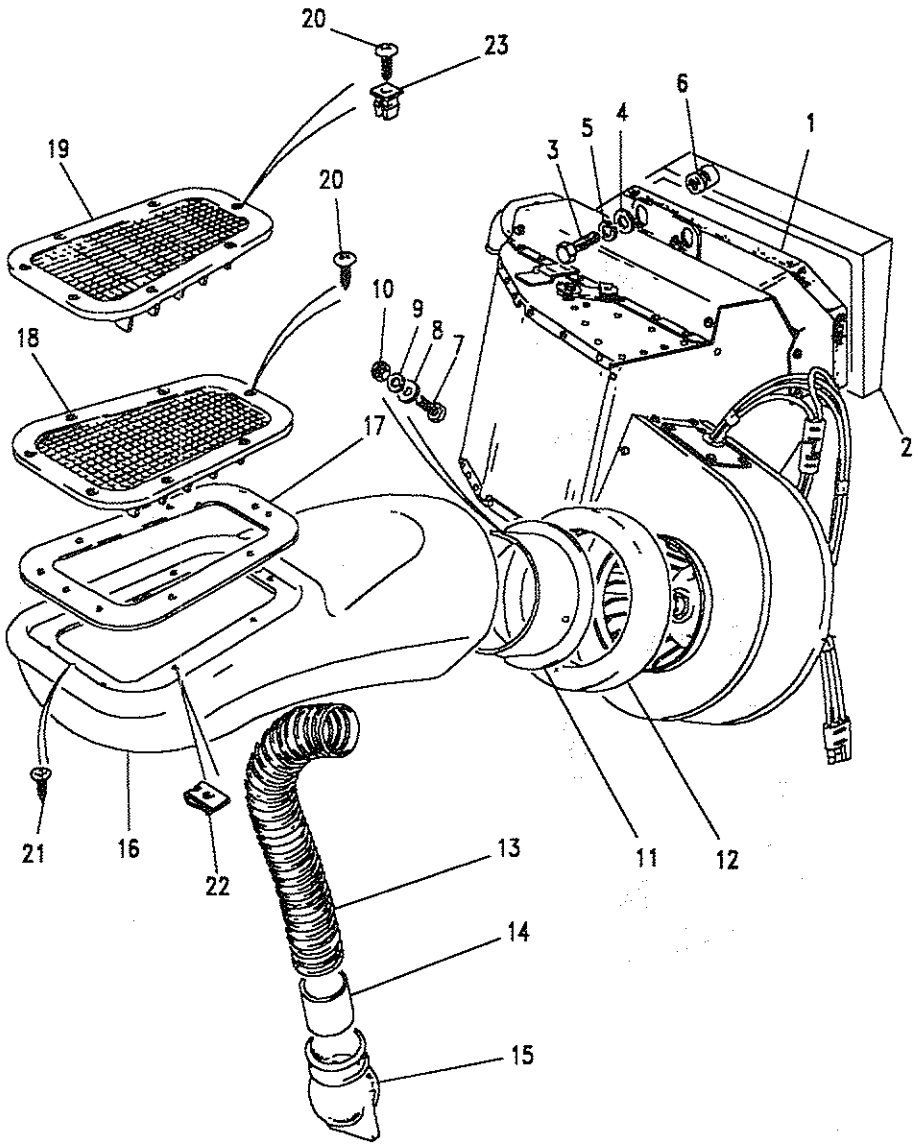
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder Petrol and Diesel** | | | | |
| 1 | STC456 | Heater kit-RHS | 1 | Upto VIN HA700727 |
| | BTR1116 | Heater assembly-RHS | 1 | From VIN HA700728 up to LA939975 |
| | BTR4318 | Heater assembly - RHS | 1 | From MA939976 |
| | BTR1109 | Heater assembly-LHS | 1 | Upto VIN HA700710 |
| | BTR1117 | Heater assembly-LHS | 1 | From HA700711 up to LA939975 |
| | BTR4317 | Heater assembly - LHS | 1 | From MA939976 |
| **V8** | | | | |
| 1 | STC456 | Heater kit-RHS | 1 | Up to HA700729 |
| | BTR1116 | Heater assembly-RHS | 1 | From HA700730 up to LA939975 |
| | BTR4318 | Heater assembly - RHS | 1 | From MA939976 |
| | BTR1109 | Heater assembly-LHS | 1 | Up to HA700729 |
| | BTR1117 | Heater assembly-LHS | 1 | From HA700730 up to LA939975 |
| | BTR4317 | Heater assembly - LHS | 1 | From MA939976 |
| **200TDI** | | | | |
| 1 | STC456 | Heater kit-RHS | 1 | Up to HA700655 |
| | BTR1116 | Heater assembly-RHS | 1 | From HA700656 up to LA939975 |
| | BTR4318 | Heater assembly - RHS | 1 | From MA939976 |
| | BTR1109 | Heater assembly-LHS | 1 | Up to HA700725 |
| | BTR1117 | Heater assembly-LHS | 1 | From HA700726 up to LA939975 |
| | BTR4317 | Heater assembly - LHS | 1 | From MA939976 |




**Model** DEFENDER 90
**Page** ADLXGA1A

**HEATING SYSTEM - HEATER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **300TDI** | | | | |
| | BTR4318 | Heater assembly - RHS | 1 | |
| | BTR4317 | Heater assembly - LHS | 1 | |
| **All variants** | | | | |
| 2 | STC952 | Seal-heater to dash | 1 | RHS |
| | STC953 | Seal-heater to dash | 1 | LHS |
| 3 | SH108161L | Screw-to dash | 2 | |
| 4 | RTC610 | Washer plain | 2 | |
| 5 | WL108001L | Washer spring | 2 | |
| 6 | NN108021 | Nutsert | 2 | |
| 7 | FS106167L | Screw | 2 | |
| 8 | WA106041L | Washer plain | 2 | |
| 9 | WL106001L | Washer spring | 2 | |
| 10 | NH106041L | Nut | 2 | |

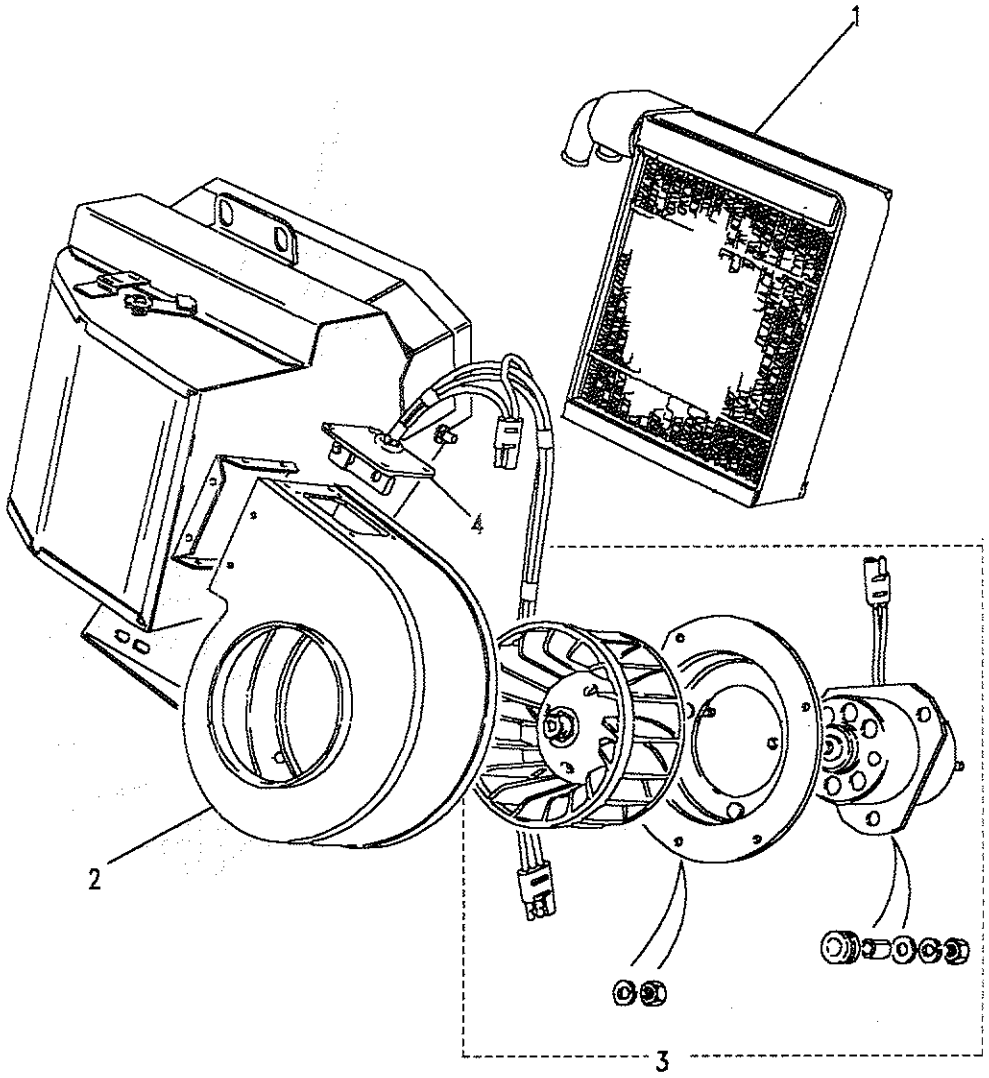



**Model** DEFENDER 90
**Page** ADLXGA1A

**HEATING SYSTEM - HEATER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 11 | MRC8642 | Tube flanged | 1 | |
| 12 | MRC8378 | Seal heater | 1 | |
| 13 | MRC8377 | Tube drain | 1 | Upto Note(1) |
| 14 | MRC8717 | Insert-drain tube | 1 | Upto Note(1) |
| 15 | STC1120 | Valve assembly air | 1 | Upto Note(1) |
| | MUC2417 | Dump valve | 1 | From Note(2) |
| 16 | MTC2391 | Duct-LH-RHS | 1 | Upto Note(1) |
| | MTC2390 | Duct-RH-LHS | 1 | Upto Note(1) |
| | MUC2419 | Duct-LH-RHS | 1 | From Note(2) |
| | MUC2418 | Duct-RH-LHS | 1 | From Note(2) |
| 17 | MRC9998 | Seal duct | 1 | |
| 18 | MRC9939 | Finisher-grille-LH-RHS | 1 | |
| | MRC9938 | Finisher-grille-RH-LHS | 1 | |
| 19 | MRC9940 | Finisher-blanking-RH-RHS | 1 | |
| | MRC9941 | Finisher-blanking-LH-LHS | 1 | |
| 20 | AB608065L | Screw | 14 | |
| 21 | AC608041L | Screw | 4 | |
| 22 | AJ608041 | Clip spire | 9 | |
| 23 | CZK619 | Nut lokut | 9 | |

Note(1) VIN 219960-Petrol, VIN 220101 Diesel
Note(2) VIN 219961-Petrol, VIN 220102 Diesel

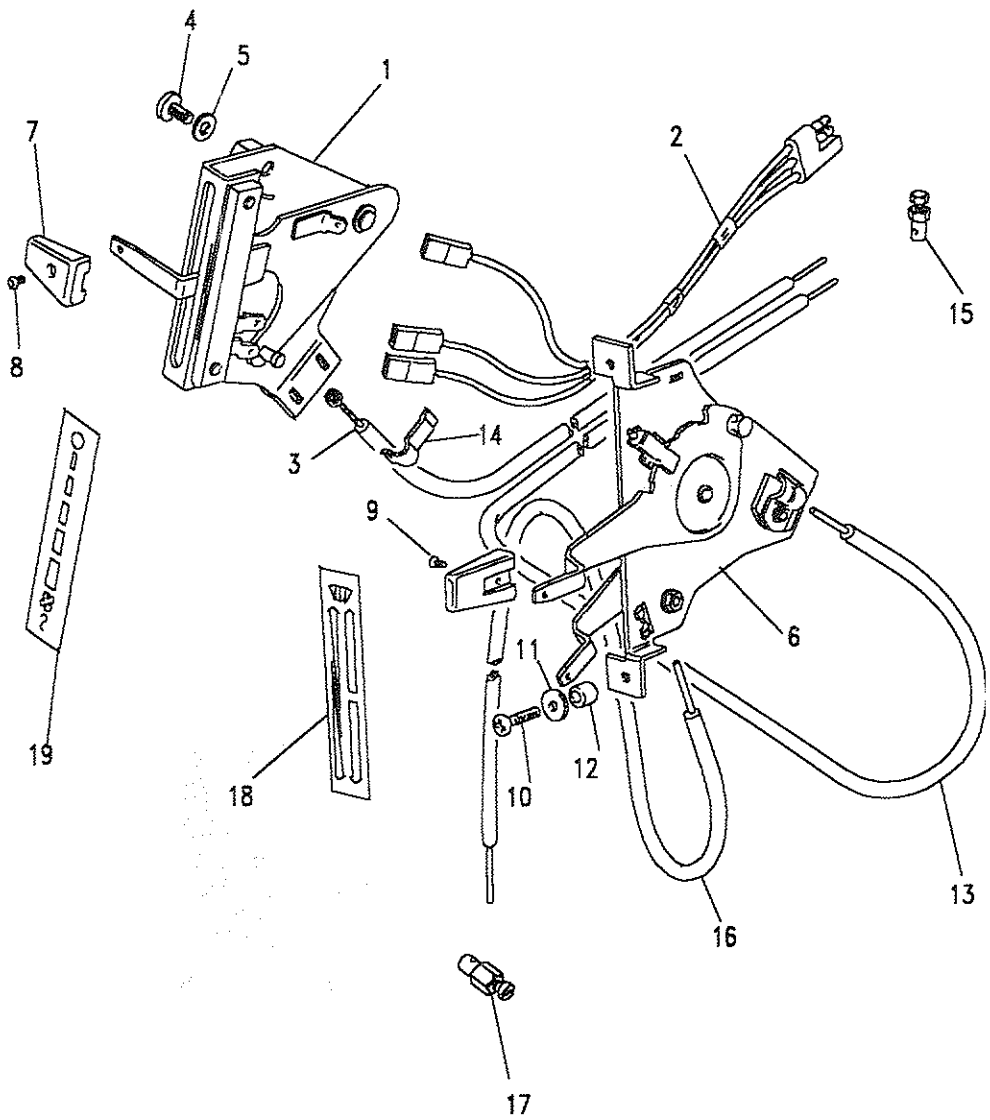



**Model** DEFENDER 90
**Page** ADLXGA2A

## HEATING SYSTEM - HEATER COMPONENTS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | AAP817 | Matrix | 1 | Note(1) |
| | UTP1725 | Matrix | 1 | Note(2) |
| 2 | AAP810 | Volute assembly - RHS | 1 | Up to LA939975 |
| | UTP1259 | Volute & motor assy - RHS | 1 | From MA939976 |
| | AAP811 | Volute assembly - LHS | 1 | Up to LA939975 |
| | UTP1258 | Volute & motor assy - LHS | 1 | From MA939976 |
| 3 | RTC4200 | Motor and rotor - RHS | 1 | Up to LA939975 |
| | RTC4201 | Motor and rotor - LHS | 1 | Up to LA939975 |
| | STC1207 | Motor and rotor assembly | 1 | From MA939976 |
| 4 | UTP1281 | Harness and resistor | 1 | RHS |
| | UTP1282 | Harness and resistor | 1 | LHS |

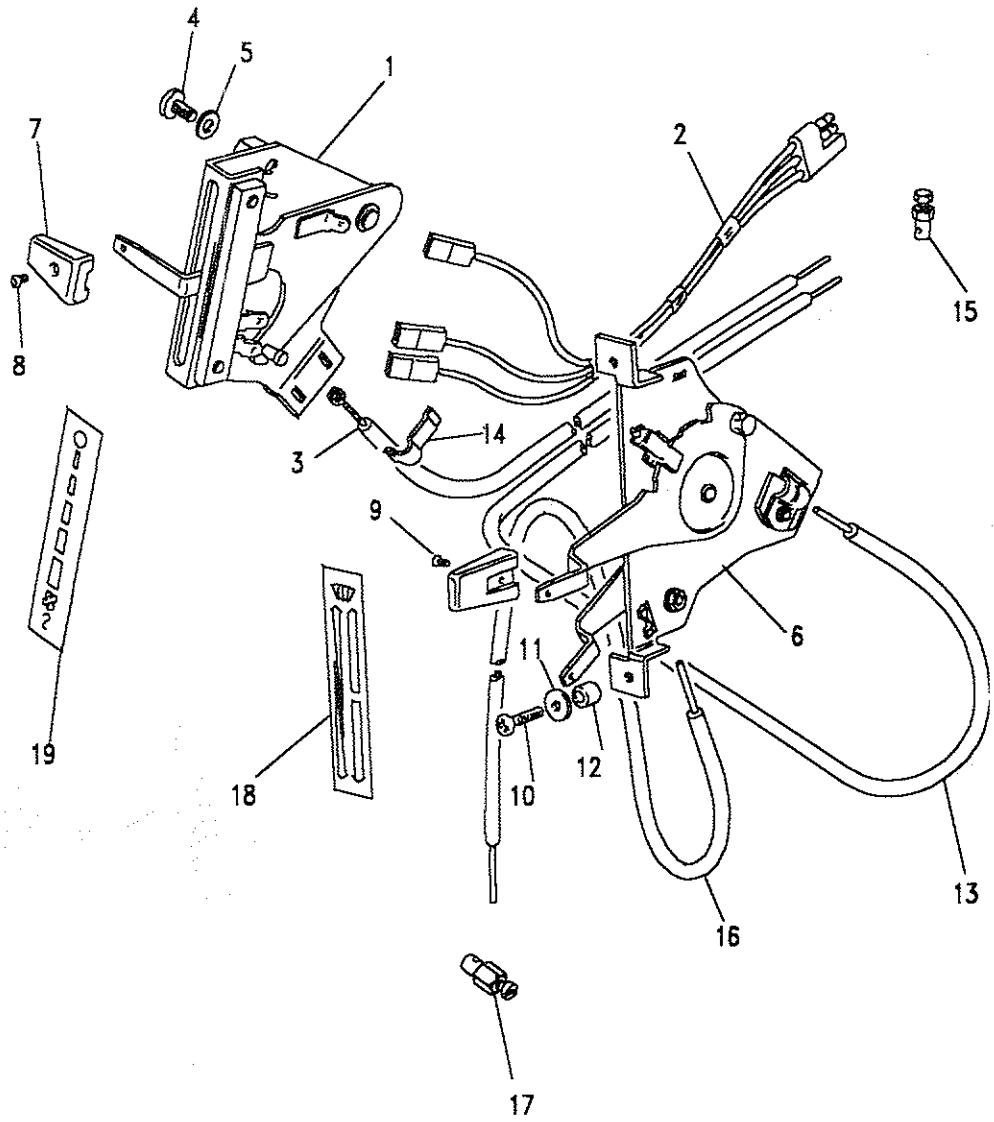
Note(1) For Heater assy with downward facing inlet/outlet pipes BTR1109
Note(2) For Heater Assy with horizontal inlet/outlet pipes STC456 BTR1116 BTR1117




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**Page** ADLXGA3A

## HEATING SYSTEM - HEATER CONTROLS

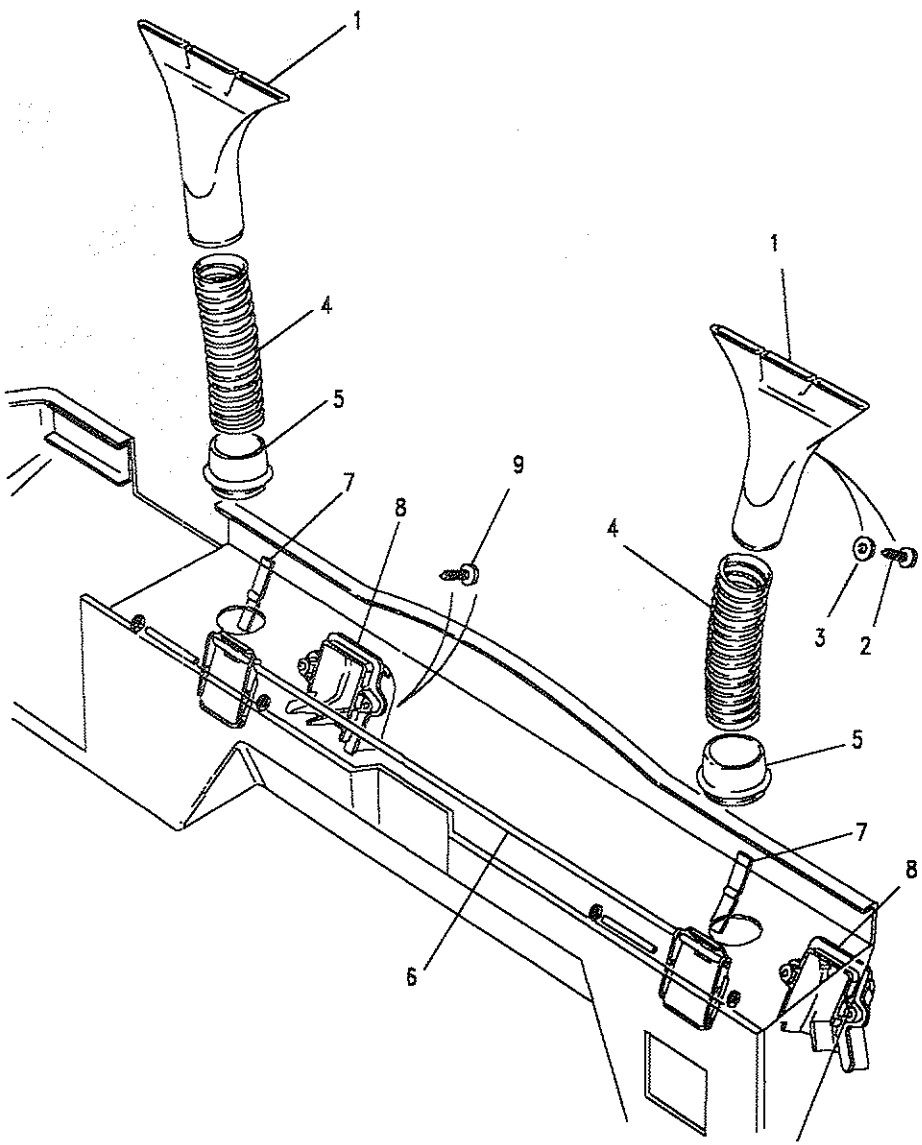
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to LA939975** | | | | |
| 1 | UTP1126 | Control heater - RHS | 1 | |
| | UTP1125 | Control heater - LHS | 1 | |
| 2 | AAP890 | Harness heater control | 1 | |
| 3 | AAP876 | Cable control | 1 | Outlet |
| **From MA939976** | | | | |
| 1 | BTR4433 | Control assembly - RHS | 1 | |
| | AAP938 | Control heater - RHS | 1 | |
| 2 | UTP1883 | Harness heater control | 1 | |
| 3 | AAP876 | Cable control | 1 | Outlet |
| 14 | 13H7343L | Clip retaining | 1 | |
| 1 | BTR4434 | Control assembly - LHS | 1 | |
| | AAP939 | Control heater - RHS | 1 | |
| 2 | UTP1883 | Harness heater control | 1 | |
| 3 | AAP876 | Cable control | 1 | Outlet |
| 14 | 13H7343L | Clip retaining | 1 | |
| 4 | SE105161L | Screw | 2 | |
| 5 | WA105001L | Washer plain | 2 | |
| 6 | 346924 | Plate mounting and levers | 1 | RHS |
| | 347586 | Plate mounting and levers | 1 | LHS |
| 7 | MTC2805 | Knob | 3 | |
| 8 | SG103084 | Screw | 1 | |
| 9 | MTC7737 | Screw | 2 | |
| 10 | SE808244 | Screw | 2 | |
| 11 | WA105004L | Washer plain | 2 | |
| 12 | MRC9922 | Spacer | 2 | |
| 13 | MTC6194 | Cable control - blend | 1 | |
| 14 | 13H7343L | Clip retaining | 2 | |
| 15 | RTC5978 | Trunnion | 2 | |
| 16 | 347939 | Cable control - distrib'n | 1 | Up to LA939975 |
| | BTR8736 | Cable control - distrib'n | 1 | From MA939976 |
| 17 | 566902 | Trunnion | 1 | |
| 18 | MTC6006 | Label | 1 | |




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**Page** ADLXGA3A

## HEATING SYSTEM - HEATER CONTROLS

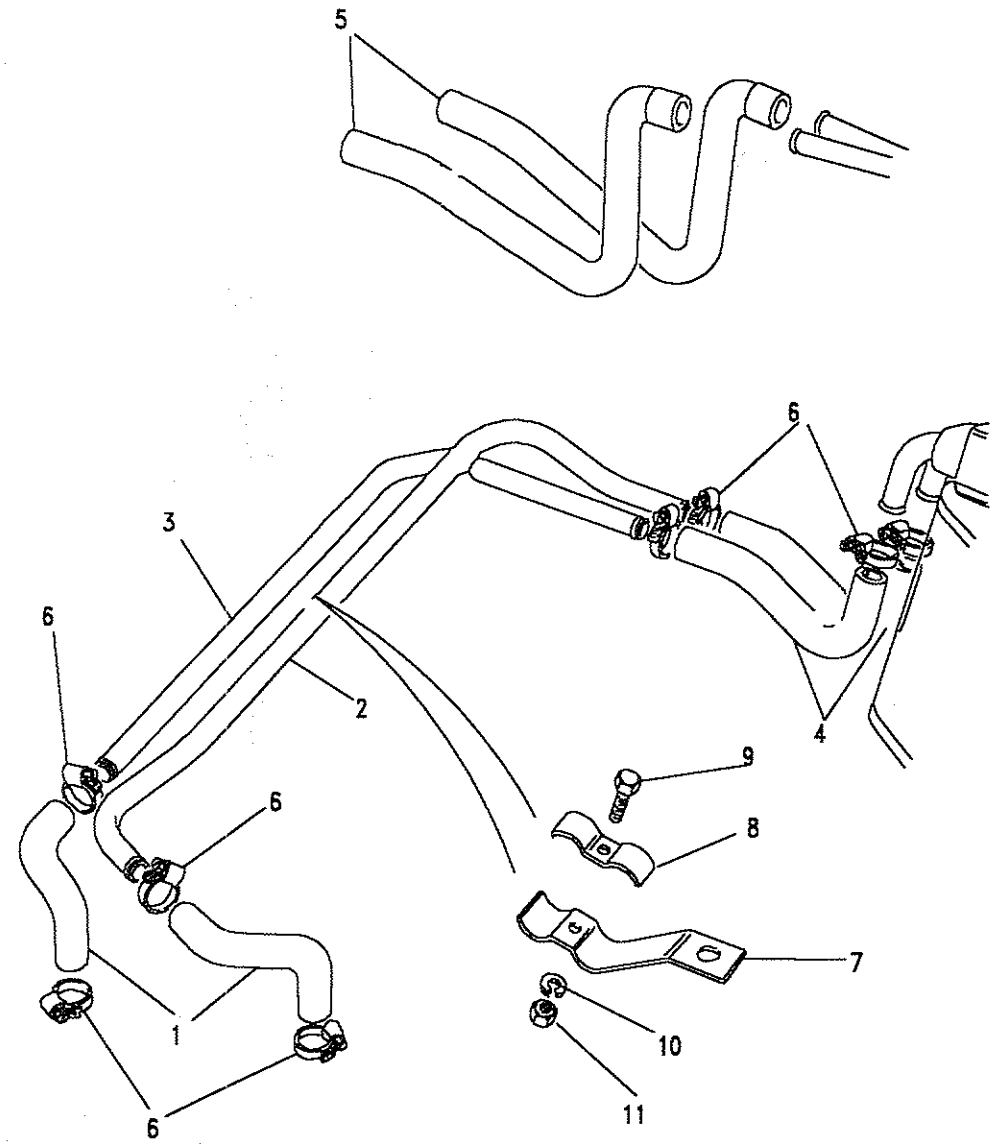
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 19 | MTC6007 | Label | 1 | |
| | UKC6684 | Cable tie | 2 | |




**Model** DEFENDER 90
**Page** ADLXIA1A

## HEATER SYSTEM - DEMISTERS AND OUTLET FLAPS

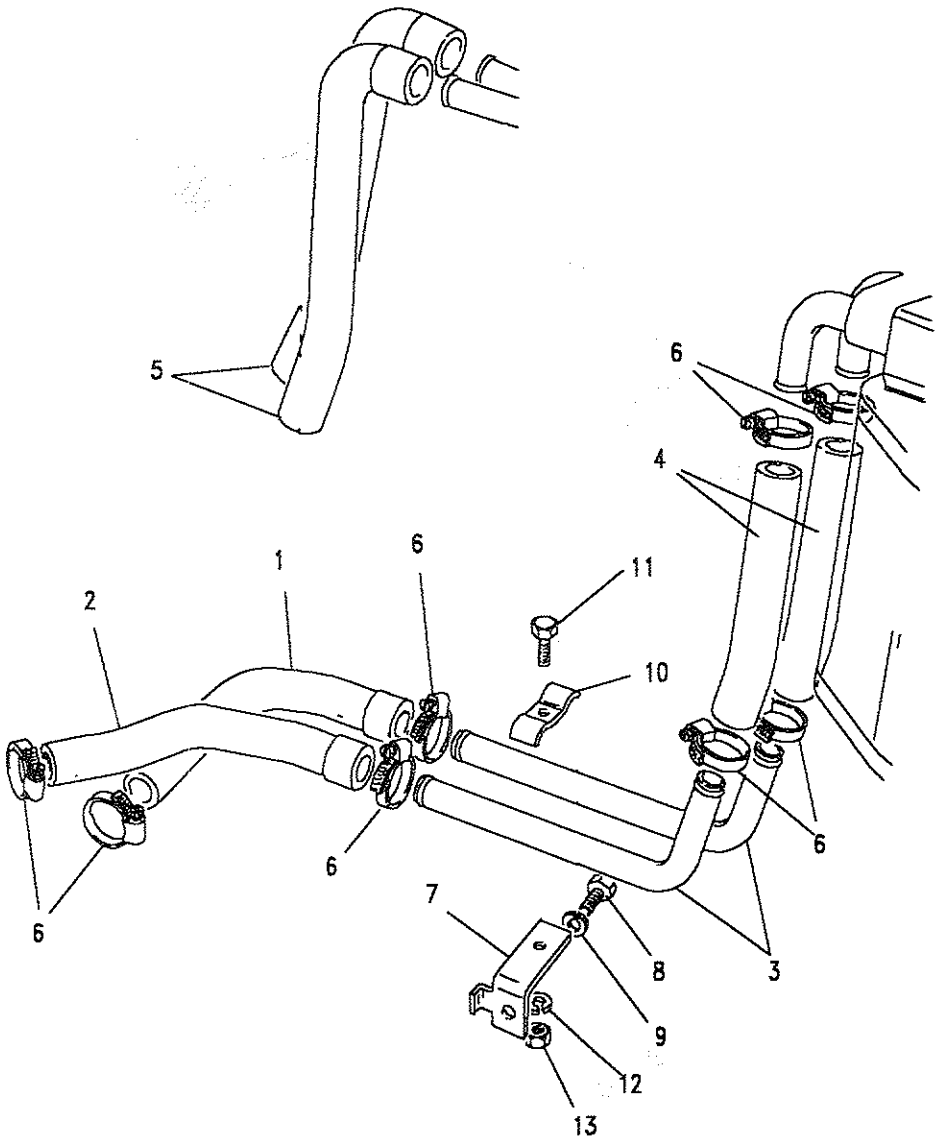
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MRC9668 | Nozzle-RH | 1 | |
| | MXC3188 | Nozzle-RH | 1 | 200Tdi Upto VIN JA906640 |
| | BTR1600 | Nozzle-RH | 1 | 200Tdi From VIN JA906641 |
| 1 | MRC9669 | Nozzle demist outlet | 1 | |
| | MXC3189 | Nozzle-LH | 1 | 200Tdi Upto VIN JA906640 |
| | BTR1599 | Nozzle-LH | 1 | 200Tdi From VIN JA906641 |
| 2 | AB608047L | Screw | 2 | |
| 3 | WA105001 | Washer plain | 2 | |
| | AB608054L | Screw | 4 | 200Tdi |
| | AK608021 | Nut spring | 4 | 200Tdi |
| 4 | MTC6382 | Tube flexible | 2 | |
| 5 | MRC7281 | Grommet | 2 | |
| 6 | BTR1349 | Flaps heater outlet | 1 | |
| 7 | 346976 | Spring | 2 | |
| 8 | 395829 | Grille outlet RH | 1 | |
| | 395830 | Grille outlet LH | 1 | |
| 9 | MRC1525 | Screw | 4 | |




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**Page** ADLXIA2A

## HEATING SYSTEM - HEATER PIPES - 4 CYL PETROL & DIESEL

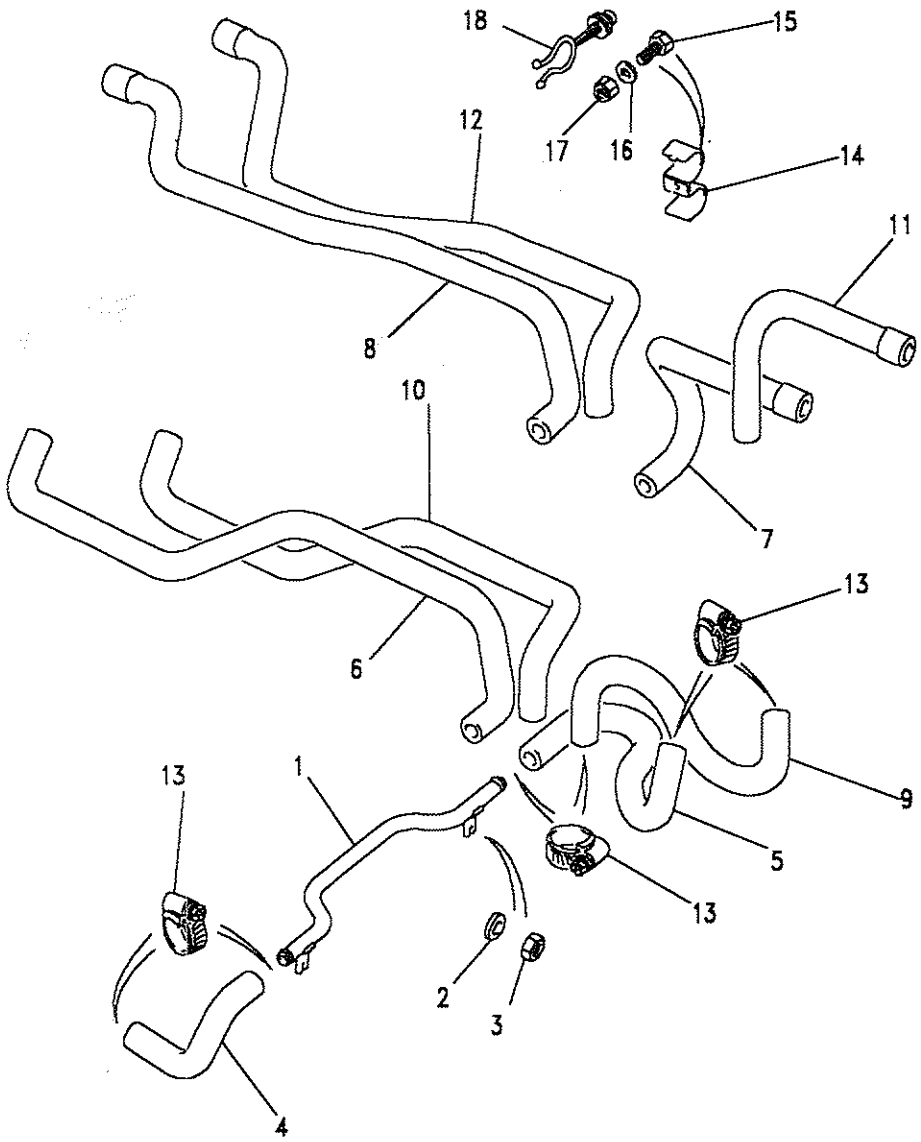
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC6306 | Hose heater | 2 | |
| 2 | NRC6307 | Pipe heater-feed | 1 | RHS |
| | NRC6422 | Pipe heater-feed | 1 | LHS |
| 3 | NRC6420 | Pipe heater-return | 1 | RHS |
| | NRC6421 | Pipe heater-return | 1 | LHS |
| 4 | NRC6308 | Hose heater | 2 | RHS Upto VIN HA700727 |
| | NRC6309 | Hose heater | 2 | LHS Upto VIN HA700710 |
| 5 | BTR1134 | Hose heater | 2 | RHS From VIN HA700728 |
| | BTR1135 | Hose heater | 2 | LHS From VIN HA700711 |
| 6 | CN100258L | Clip hose | 8 | |
| 7 | NRC6417 | Clamp pipe | 1 | |
| | NRC6418 | Clamp pipe | 1 | |
| 8 | NRC6419 | Clamp pipe | 3 | |
| 9 | SH106251L | Screw | 2 | |
| 10 | WL106001L | Washer spring | 2 | |
| 11 | NH106041L | Nut | 2 | |




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**Page** ADLXIA4A

**HEATING SYSTEM - HEATER PIPES - V8**

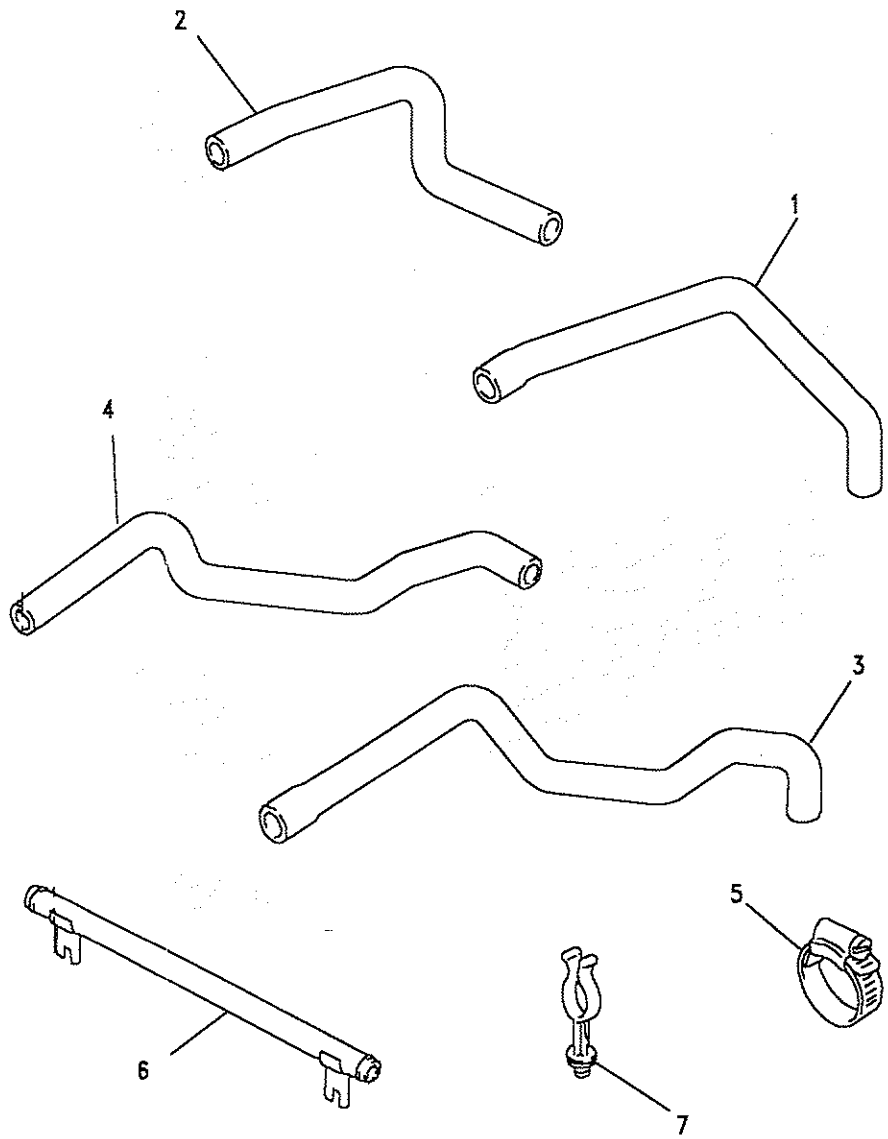
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Engine feed** | | | | |
| 1 | NRC6311 | Hose heater-feed | 1 | RHS |
| | NRC6352 | Hose heater-feed | 1 | LHS |
| **Engine return** | | | | |
| 2 | NRC6314 | Hose heater-return | 1 | RHS |
| | NRC6353 | Hose heater-return | 1 | LHS |
| 3 | NRC6902 | Pipe heater | 2 | RHS |
| | NRC6312 | Pipe Heater | 2 | LHS |
| 4 | NRC6313 | Hose heater | 2 | Up to HA700729 |
| 5 | BTR1136 | Hose heater | 2 | RHS From HA700730 |
| | BTR1137 | Hose heater | 2 | LHS From HA700730 |
| 6 | CN100308L | Clip hose | 8 | |
| 7 | NRC8707 | Bracket support | 1 | RHS |
| **Fixings - bracket to engine** | | | | |
| 8 | SH605071 | Screw | 1 | |
| 9 | WM600051L | Washer spring | 1 | |
| 10 | NRC6419 | Clamp pipe | 1 | RHS |
| 11 | SH106301 | Screw | 1 | |
| 12 | WL106001 | Washer spring | 1 | |
| 13 | NH106041L | Nut | 1 | |




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**Page** ADLXIA3A

## HEATING SYSTEM - HEATER PIPES - 200TDI

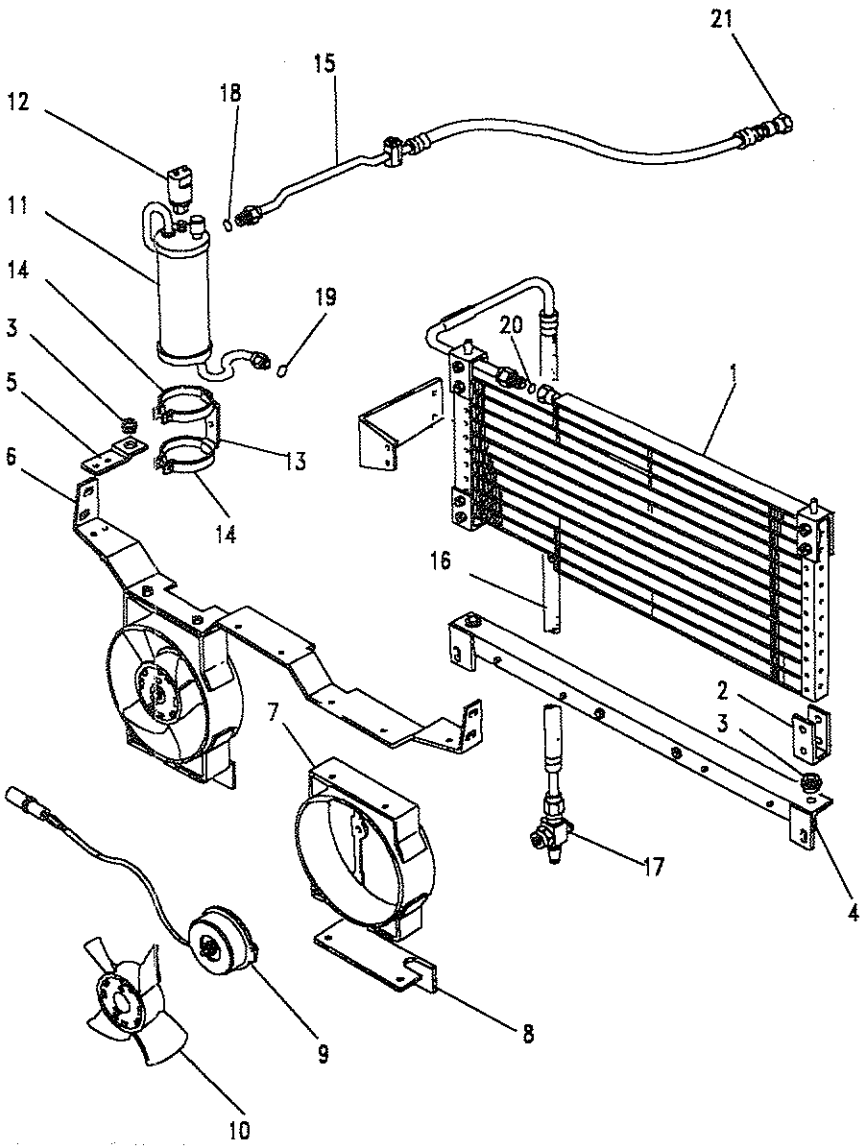
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR371 | Pipe heater-return | 1 | |
| 2 | WA110065 | Washer plain | 2 | |
| 3 | NT110041L | Nut | 2 | |
| 4 | ERR1436 | Hose heater-return | 1 | |
| 5 | BTR445 | Hose heater-return | 1 | RHS Upto VIN HA700655 |
| 6 | BTR982 | Hose heater-return | 1 | LHS Upto VIN HA700725 |
| 7 | BTR1130 | Hose heater-return | 1 | RHS From VIN HA700656 |
| 8 | BTR1131 | Hose heater-return | 1 | LHS From VIN HA700726 |
| 9 | BTR447 | Hose heater-feed | 1 | RHS Upto VIN HA700655 |
| 10 | BTR983 | Hose heater-feed | 1 | LHS Upto VIN HA700725 |
| 11 | BTR1132 | Hose heater-feed | 1 | RHS From VIN HA700656 |
| 12 | BTR1133 | Hose heater-feed | 1 | LHS From VIN HA700726 |
| 13 | CN100258L | Clip hose | 6 | |
| 14 | BTR988 | Clamp hose | 1 | |
| 15 | SH105121L | Screw | 1 | |
| 16 | WA105001L | Washer plain | 1 | |
| 17 | NY105041L | Nut | 1 | |
| 18 | NRC8332 | Clip cable | 1 | |




**Model** DEFENDER 90
**Page** ADLXIA3B

**HEATING SYSTEM - HEATER PIPES - 300TDI**

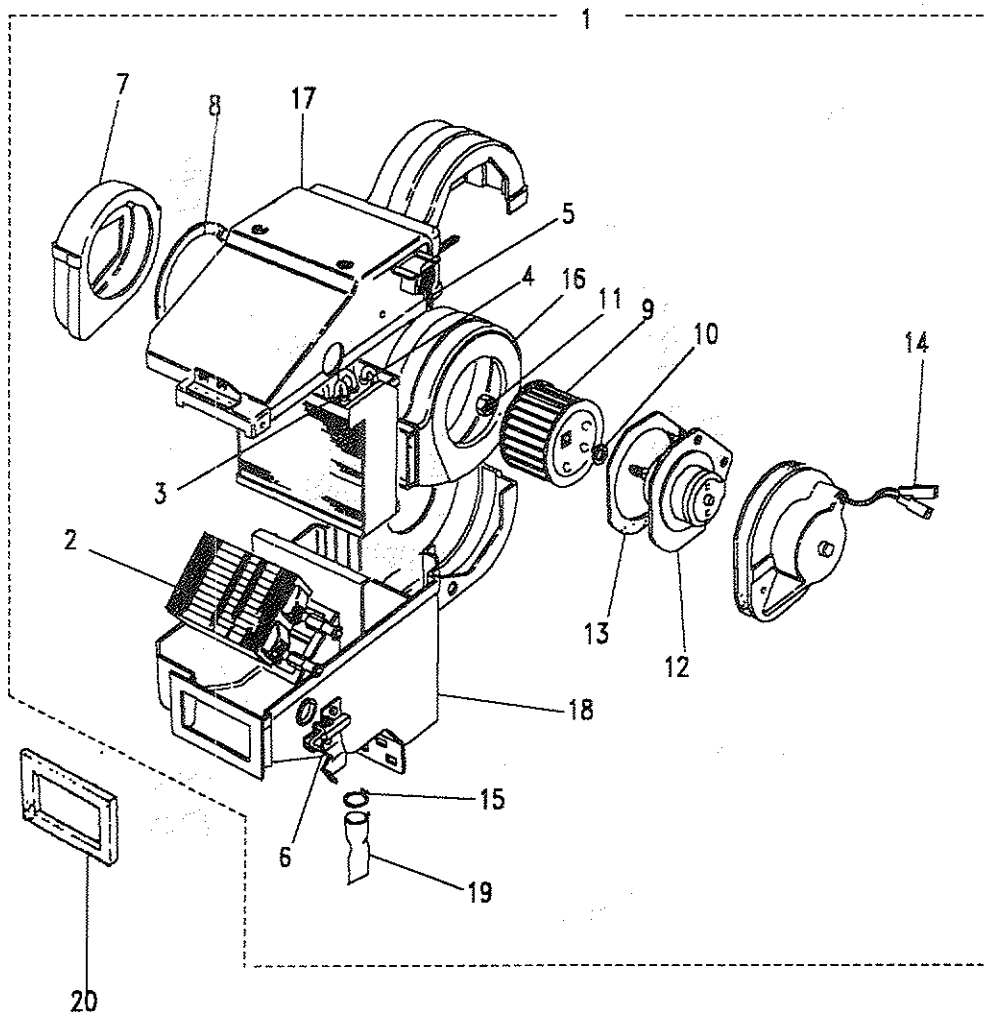
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **RHS** | | | | |
| 1 | BTR6165 | Hose heater inlet | 1 | |
| 2 | BTR6164 | Hose heater return | 1 | |
| **LHS** | | | | |
| 3 | BTR8396 | Hose heater inlet | 1 | |
| 4 | BTR8395 | Hose heater return | 1 | |
| **All variants** | | | | |
| 5 | CN100258L | Clip hose | 4 | |
| 6 | ERR4531 | Pipe assembly return | 1 | |
| 7 | NRC8332 | Cable clip | 1 | |




**Model** DEFENDER 90
**Page** ADLXKA1A

## AIR CONDITIONING - CONDENSER - RHD/LHD

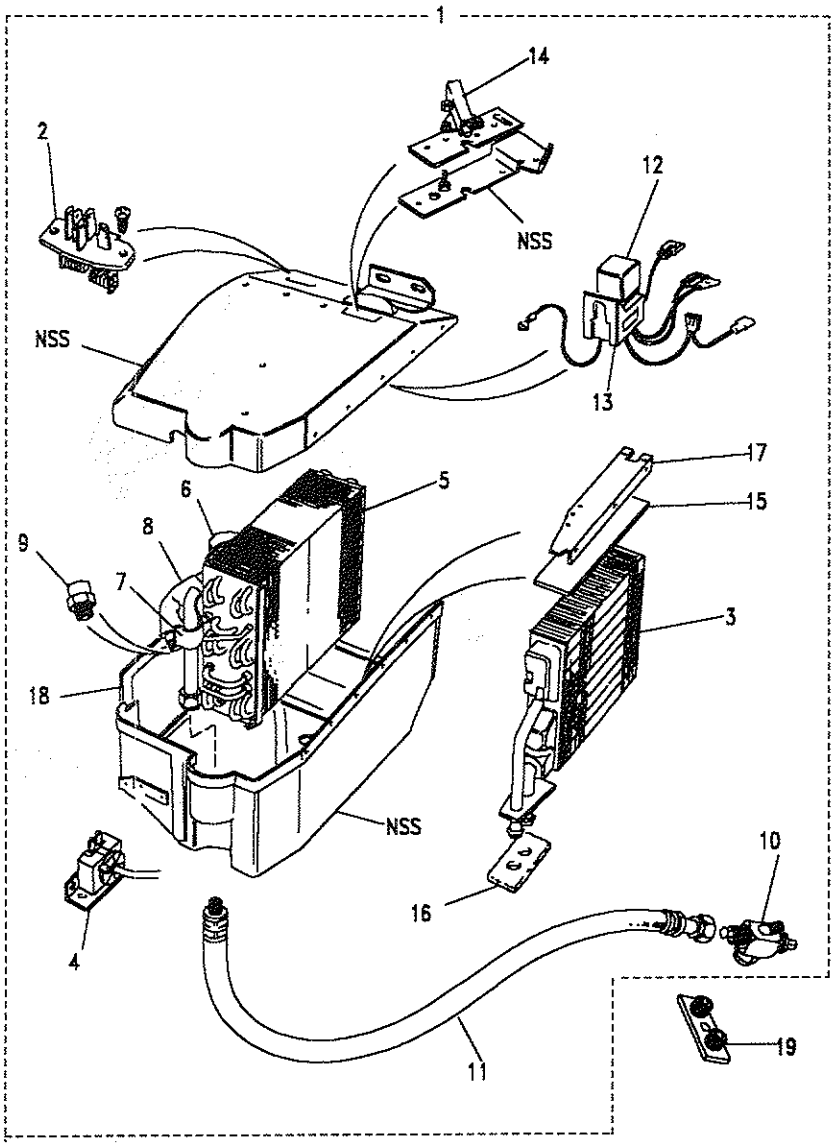
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **TDI CFC free** | | | | |
| 1 | AWR2335 | Condenser | | |
| **Petrol & None Turbo diesel CFC free** | | | | |
| | AWR1178 | Condenser | 1 | |
| **Petrol & None Turbo diesel** | | | | |
| | RTC7416 | Condenser | 1 | |
| 2 | RTC7417 | Bracket support | 4 | |
| 3 | RTC7418 | Grommet | 4 | |
| 4 | RTC7419 | Bracket mounting | 1 | Lower |
| 5 | RTC7420 | Bracket pilot | 2 | |
| 6 | RTC7421 | Bracket mounting | 1 | Upper |
| 7 | RTC7422 | Shroud fan | 2 | |
| 8 | RTC7423 | Bracket support | 2 | |
| 9 | RTC7424 | Motor fan | 2 | |
| 10 | RTC7425 | Fan blade | 2 | |
| 11 | RTC7426 | Receiver drier | 1 | |
| 12 | AEU3068 | Switch high pressure | 1 | |
| 13 | RTC7427 | Bracket support | 1 | |
| 14 | RTC7428 | Clamp | 2 | |
| 15 | RTC7429 | Hose assembly | 1 | |
| 16 | RTC7430 | Hose discharge | 1 | |
| 17 | AEU3067 | Valve discharge | 1 | |
| 18 | AEU3056 | O ring | 1 | |
| 19 | AEU1626 | O ring | 2 | 0.3125 dia |
| 20 | AEU1627 | O ring | 2 | 0.4060 dia |
| 21 | MTC8500 | Coupling | 1 | |




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**Page** ADLXMA1A

## AIR CONDITIONING - EVAPORATOR ASSEMBLY - RHS

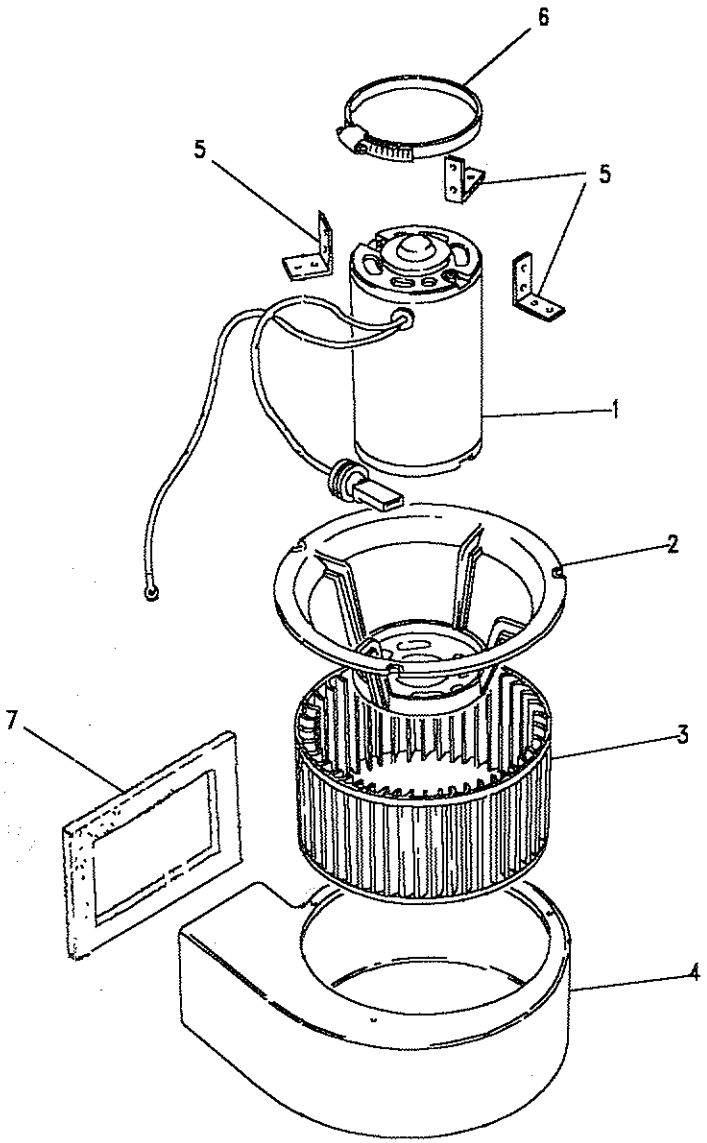
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Petrol & Non Turbo Diesel RHS (CFC free)** | | | | |
| 1 | AWR1168 | Evaporator | 1 | |
| **TDI RHS (CFC free) 134a gas** | | | | |
| | AWR1249 | Evaporator | 1 | |
| **All variants CFC R12gas** | | | | |
| | MUC1663 | Evaporator assembly | 1 | |
| 2 | MUC6050 | Core heater | 1 | |
| 3 | MUC6037 | Valve expansion | 1 | |
| 4 | MUC6038 | Tube extension | 1 | |
| 5 | MUC6042 | Thermostat | 1 | |
| 6 | MUC4375 | Switch vacuum | 1 | |
| 7 | MUC1682 | Adaptor | 1 | |
| 8 | MUC6040 | Seal | 1 | |
| 9 | MUC6053 | Wheel blower motor | 1 | |
| 10 | MUC6054 | Spacer | 1 | |
| 11 | MUC6055 | Lock nut | 1 | |
| 12 | MUC1675 | Motor blower | 1 | |
| 13 | MUC6052 | Seal | 1 | |
| 14 | MUC6056 | Harness blower | 1 | |
| 15 | RTC7470 | Clamp | 1 | |
| 16 | STC760 | Housing blower motor | 1 | |
| 17 | STC761 | Cover top evaporator | 1 | |
| 18 | STC762 | Cover rotor evaporator | 1 | |
| 19 | STC948 | Evaporator tube | 1 | |
| 20 | MUC4860 | Seal | 1 | |




**Model** DEFENDER 90
**Page** ADLXMA2A

## AIR CONDITIONING - HEATER/COOLER ASSEMBLY - LHS

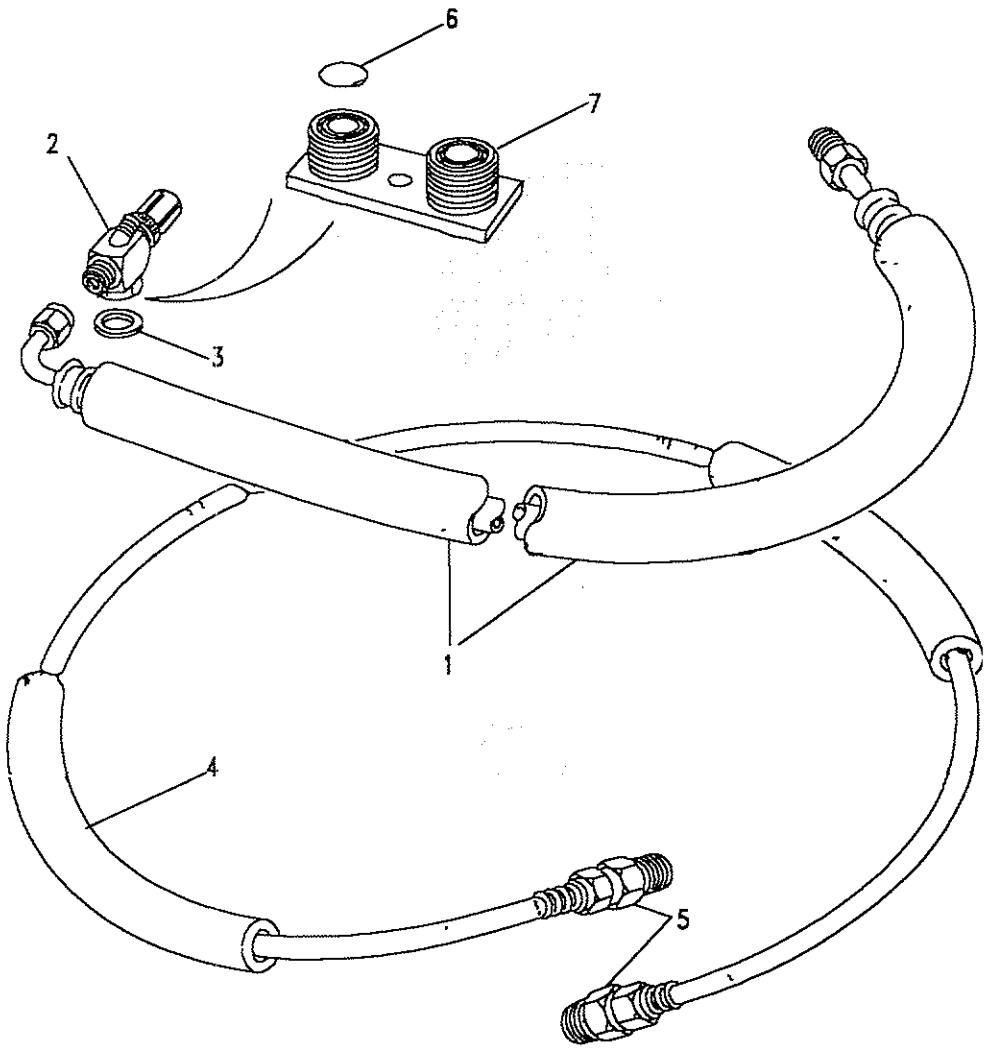
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC7588 | Heater/Cooler Assembly | 1 | |
| 2 | RTC7456 | Resistor | 1 | |
| 3 | RTC7433 | Core heater | 1 | |
| 4 | RTC7434 | Thermostat | 1 | |
| 5 | RTC7436 | Evaporator | 1 | |
| | AWR1177 | Evaporator(cfc free) | 1 | |
| | AWR1242 | Evaporator(cfc free) | 1 | TDI |
| 6 | AEU1213 | Valve expansion | 1 | |
| 7 | AEU1214 | Clamp | 1 | |
| 8 | RTC7458 | Pipe assembly | 1 | |
| 9 | RTC7457 | Coupling | 1 | |
| 10 | AEU3055 | Valve service | 1 | |
| 11 | RTC7439 | Hose assembly | 1 | |
| 12 | RTC7454 | Relay | 1 | |
| 13 | RTC7455 | Harness blower | 1 | |
| 14 | RTC7414 | Switch vacuum | 1 | |
| 15 | RTC7471 | Seal | 2 | |
| 16 | RTC7472 | Seal | 1 | |
| 17 | RTC7473 | Cover | 1 | |
| 18 | RTC7453 | Seal-to duct | 1 | |
| 19 | MUC4358 | Adaptor R4 comp/rotolock | 1 | |
| | RTC7452 | Ring rotolock | 2 | |
| | MUC1661 | Seal-to dash | 1 | |




**Model** DEFENDER 90
**Page** ADLXMA3A

## AIR CONDITIONING - HEATER/COOLER ASSEMBLY - LHS

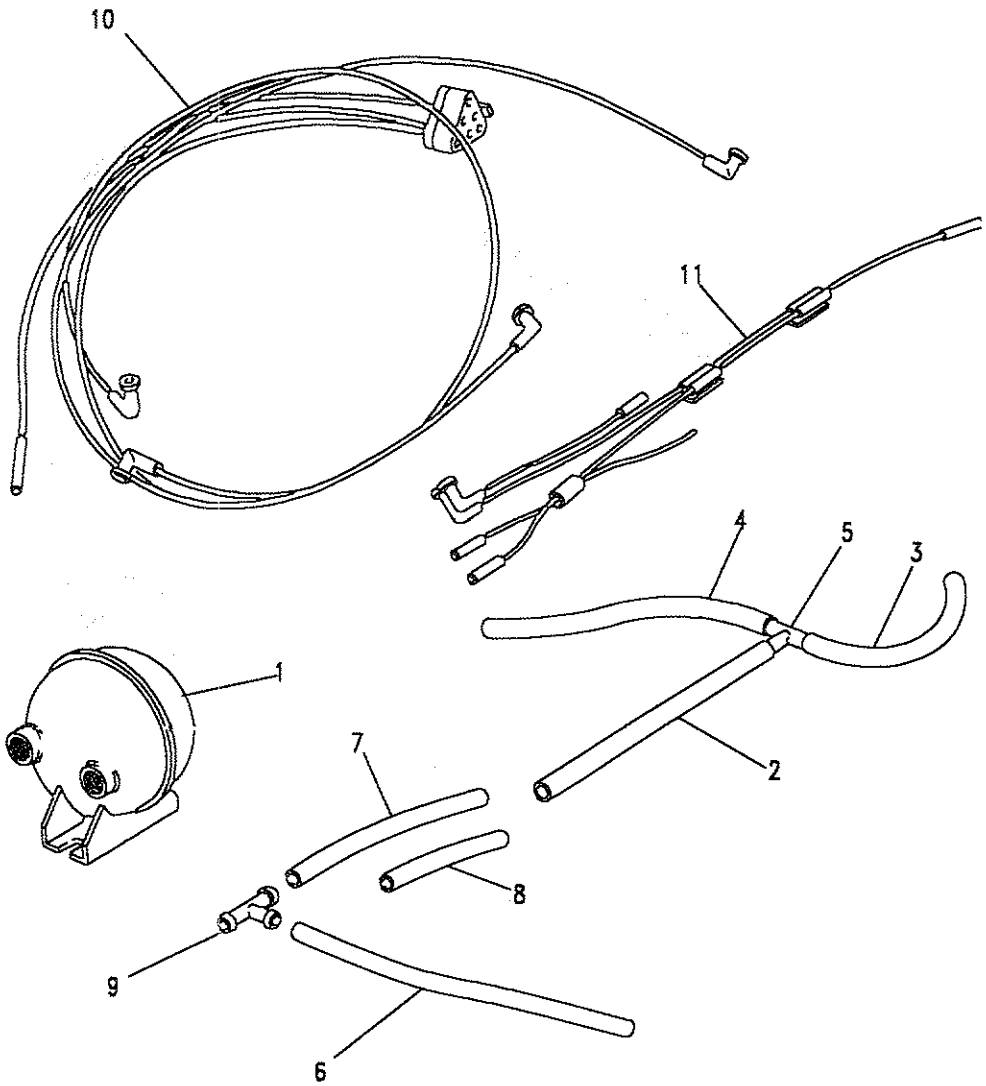
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC7440 | Motor blower | 1 | |
| 2 | RTC7468 | Mounting motor | 1 | |
| 3 | RTC7441 | Wheel blower motor | 1 | |
| 4 | RTC7442 | Housing blower motor | 1 | |
| 5 | RTC7469 | Bracket support | 3 | |
| 6 | RTC7470 | Clamp | 1 | |
| 7 | RTC7446 | Seal-bulkhead | 1 | |
| | RTC7474 | Seal-firewall | 1 | |




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**Page** ADLXPA1A

## AIR CONDITIONING - FLUID SYSTEM - RHD

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | AWR2473 | Hose vacuum | 1 | |
| 1 | MUC4875 | Hose suction | 1 | |
| 2 | AEU3055 | Valve service | 1 | |
| 3 | MUC4874 | Seal | 1 | |
| 4 | MUC4872 | Hose liquid | 1 | |
| 5 | RTC7457 | Fitting aeroquip | 2 | |
| 6 | RTC7452 | Ring-Rotolock | 2 | |
| 7 | MUC4358 | Adaptor-R4 comp/rotolock | 1 | |
| | AEU1628 | O ring | 2 | |
| | AEU1626 | O ring | 1 | |
| | AEU1627 | O ring | 1 | |
| | AEU3056 | O ring | 3 | |




**Model** DEFENDER 90
**Page** ADLXPA2A

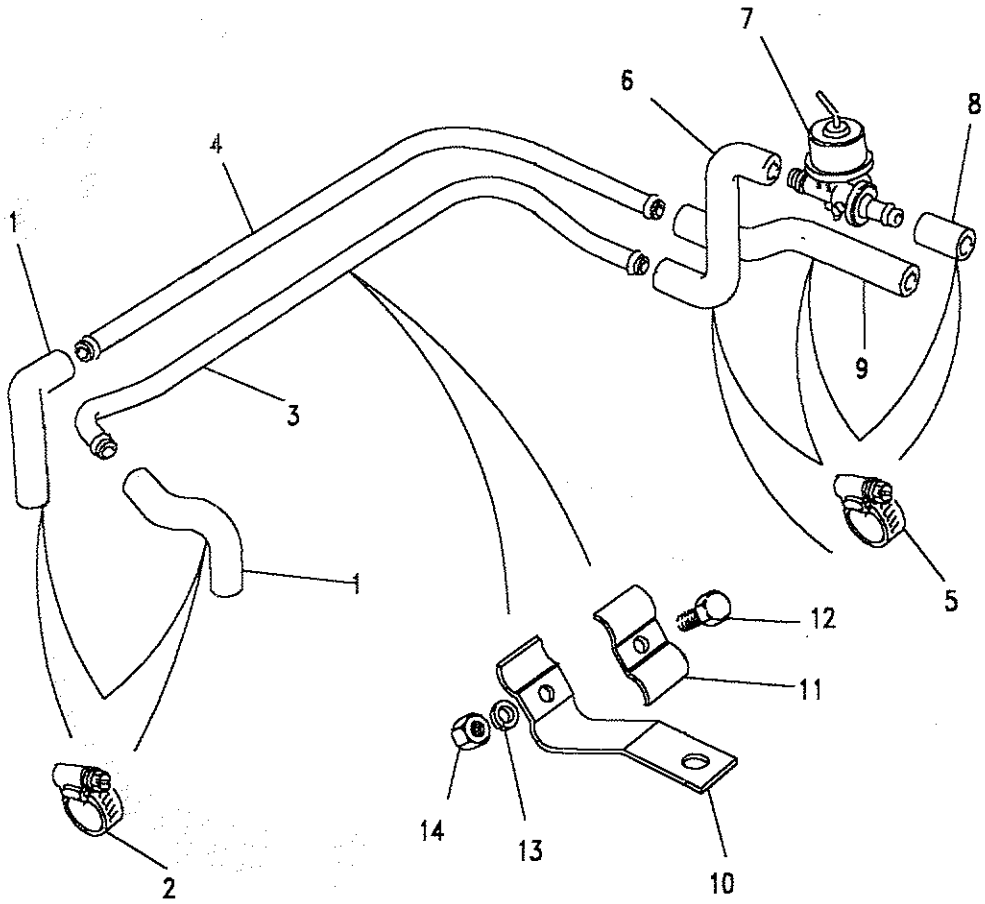
## AIR CONDITIONING - VACUUM PIPES & RESERVOIR - RHD/LHD

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC1679 | Tank vacuum | 1 | |
| 2 | MUC4878 | Hose vacuum | 1 | 30" x 0.109375" |
| 3 | | Hose vacuum | 1 | 5" - Note(1) |
| 4 | | Hose vacuum | 1 | 20" - Note(1) |
| 5 | MUC4455 | Tee piece | 2 | |
| 6 | MUC4866 | Hose vacuum | 1 | 10" x 0.21875" |
| 7 | | Hose vacuum | 1 | 10" - Note(1) |
| 8 | | Hose vacuum | 1 | 1" __ Note(1) |
| 9 | MUC4865 | Tee piece | 1 | |
| 10 | MUC1671 | Harness vacuum | 1 | |
| | STC1569 | Pipe vacuum | 1 | |
| 11 | MUC4871 | Harness vacuum | 1 | |
| | STC1569 | Pipe vacuum | 1 | |
| | ATU1041 | Clamp hose | 8 | |

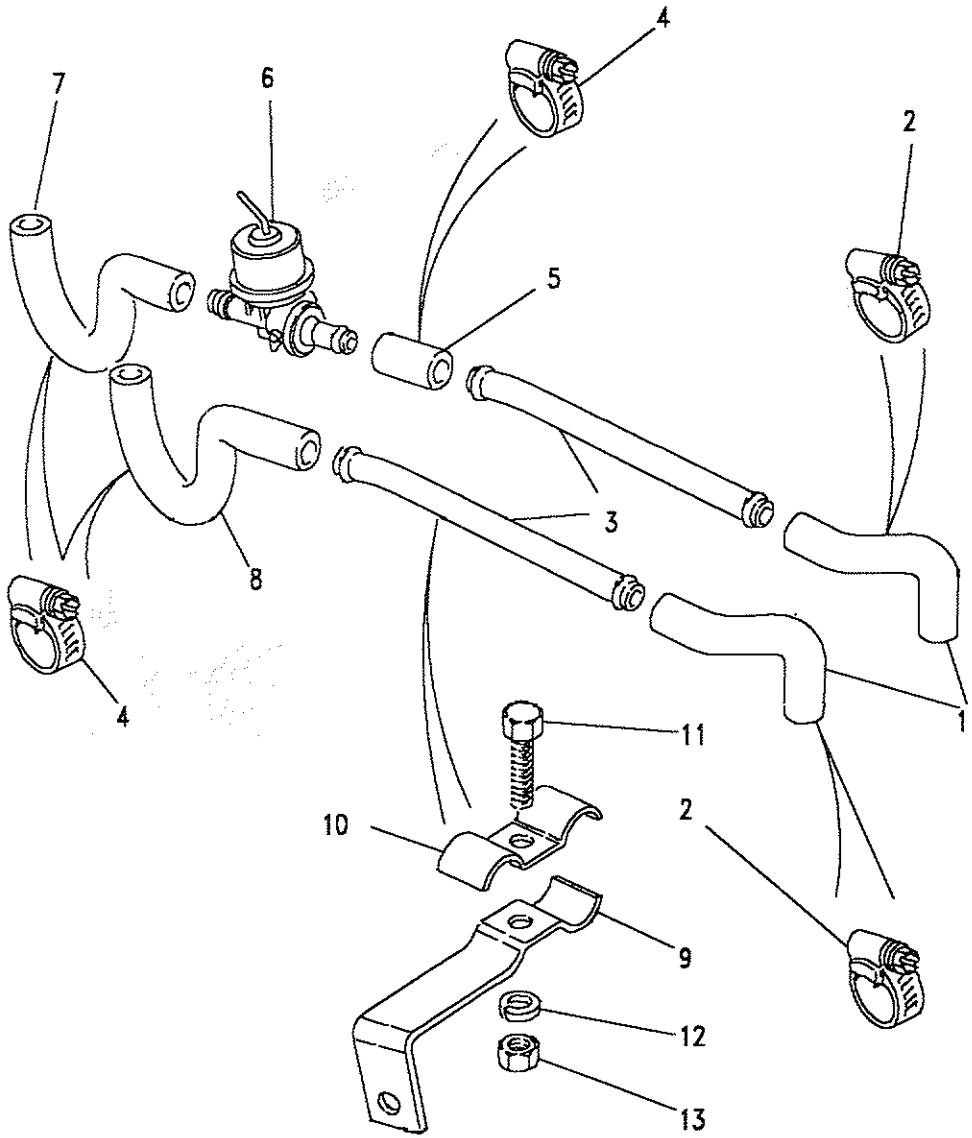
Note(1) Use MUC4878 = 30" x 0.109375"

**Model** DEFENDER 90
**Page** ADLXPC1A

## AIR CONDITIONING - HEATER PIPES - 4 CYLINDER - RHS



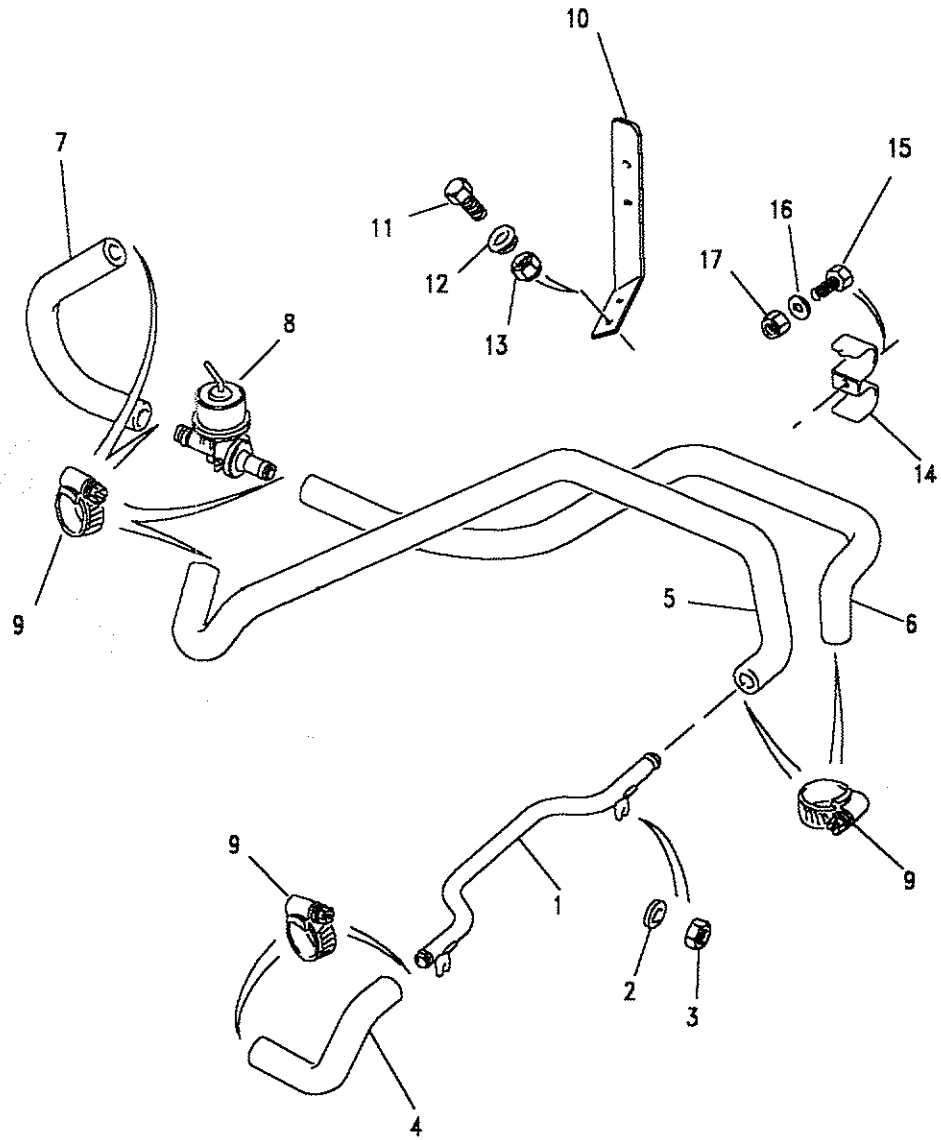

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC6306 | Hose heater | 2 | |
| 2 | CN100308L | Clip hose | 2 | |
| 3 | NRC6307 | Pipe heater-feed | 1 | |
| 4 | NRC6420 | Pipe heater-return | 1 | |
| 5 | CN100258L | Clip hose | 8 | |
| 6 | BTR213 | Hose engine to valve | 1 | UptoMA939975 |
| | BTR9400 | Hose engine to valve | 1 | FromMA939976 |
| 7 | NRC8346 | Valve water control | 1 | |
| 8 | ERC3964 | Hose valve to heater | 1 | UptoMA939975 |
| | BTR9401 | Hose valve to heater | 1 | FromMA939976 |
| 9 | BTR214 | Hose heater-return | 1 | UptoMA939975 |
| | BTR9402 | Hose heater return | 1 | FromMA939976 |
| 10 | NRC6417 | Clip retaining | 1 | Petrol |
| | NRC6418 | Clip retaining | 1 | Diesel |
| 11 | NRC6419 | Clamp pipe | 1 | |
| 12 | SH106251L | Screw | 1 | |
| 13 | WL106001L | Washer spring | 1 | |
| 14 | NH106041L | Nut | 1 | |
| 15 | ESR3301 | Strap retaining | 1 | |




**Model** DEFENDER 90
**Page** ADLXPC2A

## AIR CONDITIONING - HEATER PIPES - 4 CYLINDER - LHS

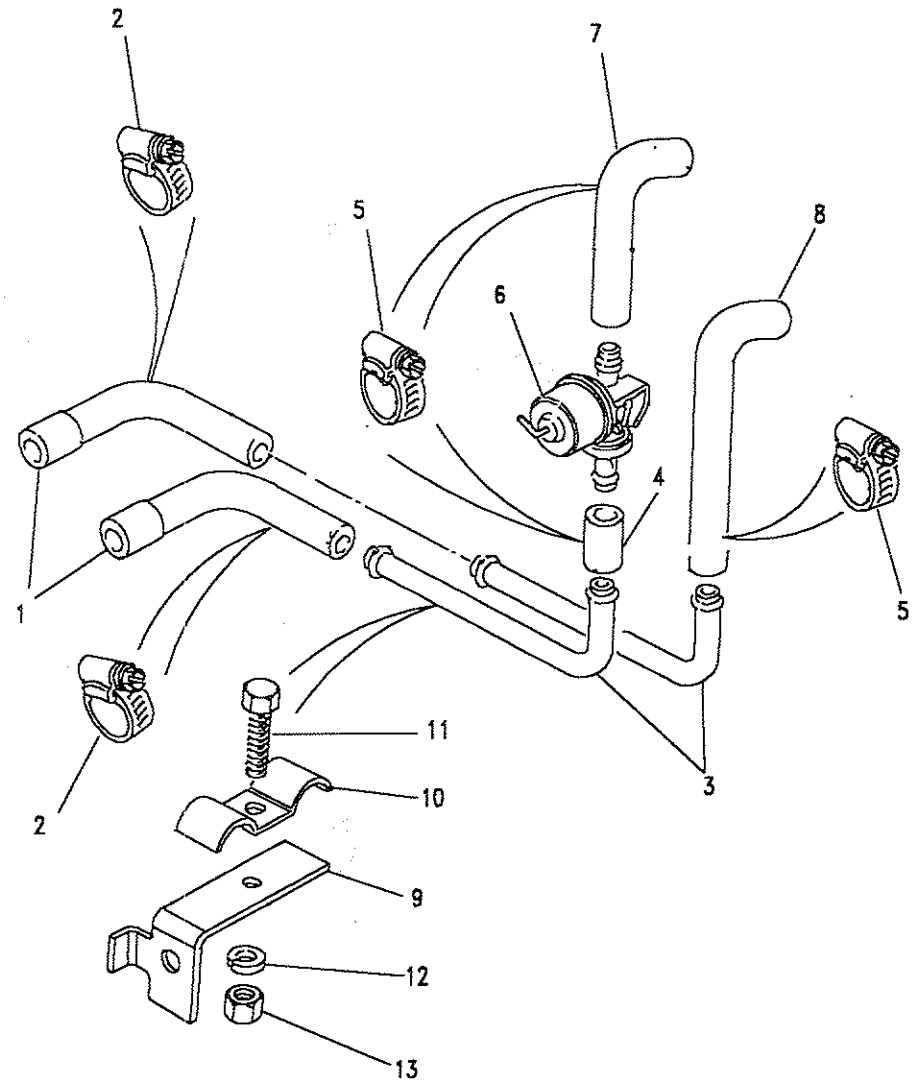
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC6306 | Hose heater | 2 | |
| 2 | CN100258L | Clip hose | 4 | |
| 3 | NRC8245 | Pipe heater | 2 | |
| 4 | CN100258L | Clip hose | 6 | |
| 5 | ERC3964 | Hose heater-feed | 1 | |
| 6 | NRC8346 | Valve water control | 1 | |
| 7 | NRC8347 | Hose heater-feed | 1 | |
| 8 | NRC8247 | Hose heater-return | 1 | |
| 9 | NRC8248 | Bracket mounting | 1 | |
| 10 | 594637 | Clamp pipe | 1 | |
| 11 | FS106201L | Flange screw | 1 | |
| 12 | WL106001L | Washer spring | 1 | |
| 13 | NH106041L | Nut | 1 | |
| 14 | ESR3301 | Strap retaining | 1 | |




**Model** DEFENDER 90
**Page** ADLXPC3A

## AIR CONDITIONING - HEATER PIPES - TDI - LHS

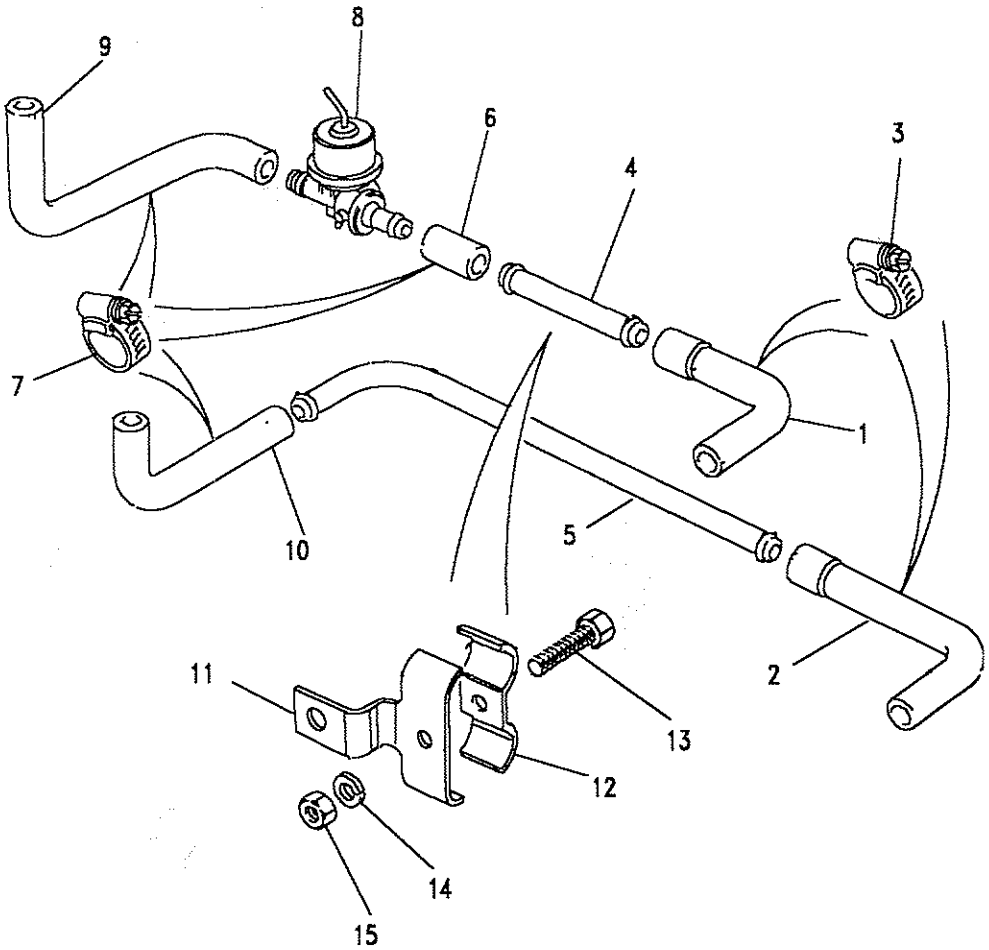
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ERR371 | Pipe heater | 1 | |
| 2 | WA110065 | Washer plain | 2 | |
| 3 | NT110041L | Nut | 2 | |
| 4 | ERR1436 | Hose heater-return | 1 | |
| 5 | BTR984 | Hose heater return | 1 | UptoMA939975 |
| | AWR2334 | Hose heater return | 1 | FromMA939976 |
| 6 | BTR985 | Hose - valve to heater | 1 | UptoMA939975 |
| | AWR2333 | Hose - valve to heater | 1 | FromMA939976 |
| 7 | BTR986 | Hose - engine to valve | 1 | UptoMA939975 |
| | AWR2332 | Hose - engine to valve | 1 | FromMA939976 |
| 8 | NRC8346 | Valve water control | 1 | |
| 9 | CN100258L | Clip hose | 8 | |
| 10 | BTR987 | Bracket support | 1 | |
| 11 | SH105121L | Screw | 2 | |
| 12 | MRC9851 | Washer nylon | 2 | |
| 13 | NY105041L | Nut | 2 | |
| 14 | BTR988 | Clamp pipe | 2 | |
| 15 | SH105121L | Screw | 2 | |
| 16 | WA105001L | Washer plain | 2 | |
| 17 | NY105041L | Nut | 2 | |
| 18 | ESR3301 | Strap retaining | 1 | |




**Model** DEFENDER 90
**Page** ADLXPC4A

## AIR CONDITIONING - HEATER PIPES - V8 - RHS

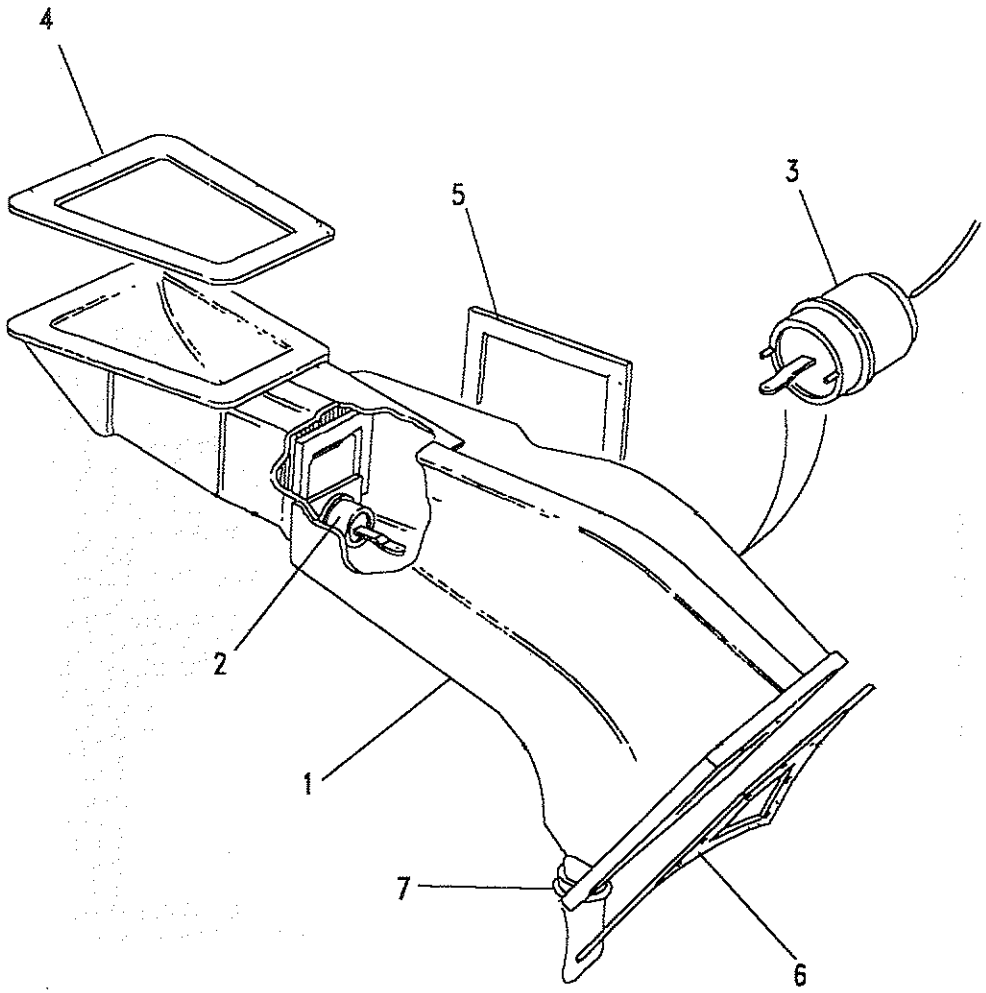
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC6314 | Hose heater | 2 | |
| 2 | CN100308L | Clip hose | 4 | |
| 3 | NRC6902 | Pipe heater | 2 | |
| 4 | ERC3964 | Hose heater-feed | 1 | |
| 5 | CN100258L | Clip hose | 10 | |
| 6 | NRC8346 | Valve water control | 1 | |
| 7 | NTC1212 | Hose heater-feed | 1 | |
| 8 | NRC6308 | Hose heater-return | 1 | |
| 9 | NRC6903 | Bracket support | 1 | |
| 10 | NRC6419 | Clamp pipe | 1 | |
| 11 | SH106301L | Screw | 1 | |
| 12 | WL106001L | Washer spring | 1 | |
| 13 | NH106041L | Nut | 1 | |
| 14 | ESR3301 | Strap retaining | 1 | |




**Model** DEFENDER 90
**Page** ADLXPC5A

**AIR CONDITIONING - HEATER PIPES - V8 - LHS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC9098 | Hose heater-feed | 1 | |
| 2 | NRC6353 | Hose heater-return | 1 | |
| 3 | CN100308L | Clip hose | 4 | |
| 4 | NRC9091 | Pipe heater-feed | 1 | |
| 5 | NTC1090 | Pipe heater-return | 1 | |
| 6 | ERC3964 | Hose heater-feed | 1 | |
| 7 | CN100258L | Clip hose | 7 | |
| 8 | NRC8346 | Valve water control | 1 | |
| 9 | NTC1089 | Hose heater-feed | 1 | |
| 10 | NTC1088 | Hose heater-return | 1 | |
| 11 | NRC8620 | Bracket support | 1 | |
| 12 | 594637 | Clamp pipe | 1 | |
| 13 | SH106301L | Screw | 1 | |
| 14 | WL106001L | Washer spring | 1 | |
| 15 | NH106041L | Nut | 1 | |
| 16 | ESR3301 | Strap retaining | 1 | |




**Model** DEFENDER 90
**Page** ADLXRA1A

## AIR CONDITIONING - FRESH AIR DUCT - RHD

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC1668 | Duct air | 1 | |
| 2 | MUC4884 | Motor vacuum | 1 | |
| 3 | RTC7467 | Motor vacuum | 1 | |
| 4 | MUC4883 | Seal - duct to wing top | 1 | |
| 5 | MUC4886 | Seal - duct to evaporator | 1 | |
| 6 | MUC4888 | Seal - air duct to dash | 1 | Upto EA332911 |
| | MWC4860 | Seal - air duct to dash | 1 | From EA332912 |
| 7 | RTC7470 | Clamp | 1 | |

## MASTER INDEX

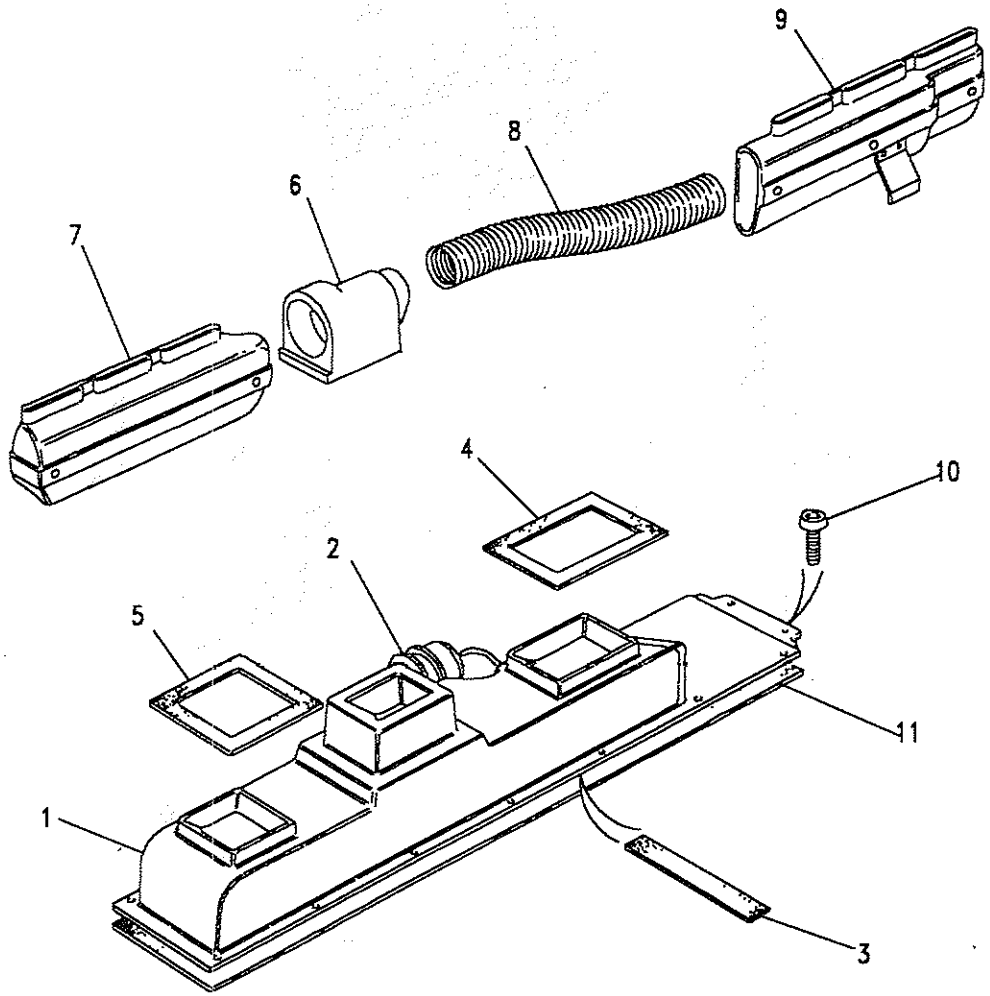

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GROUP L

COOLING/HEATING


COOLING/HEATING

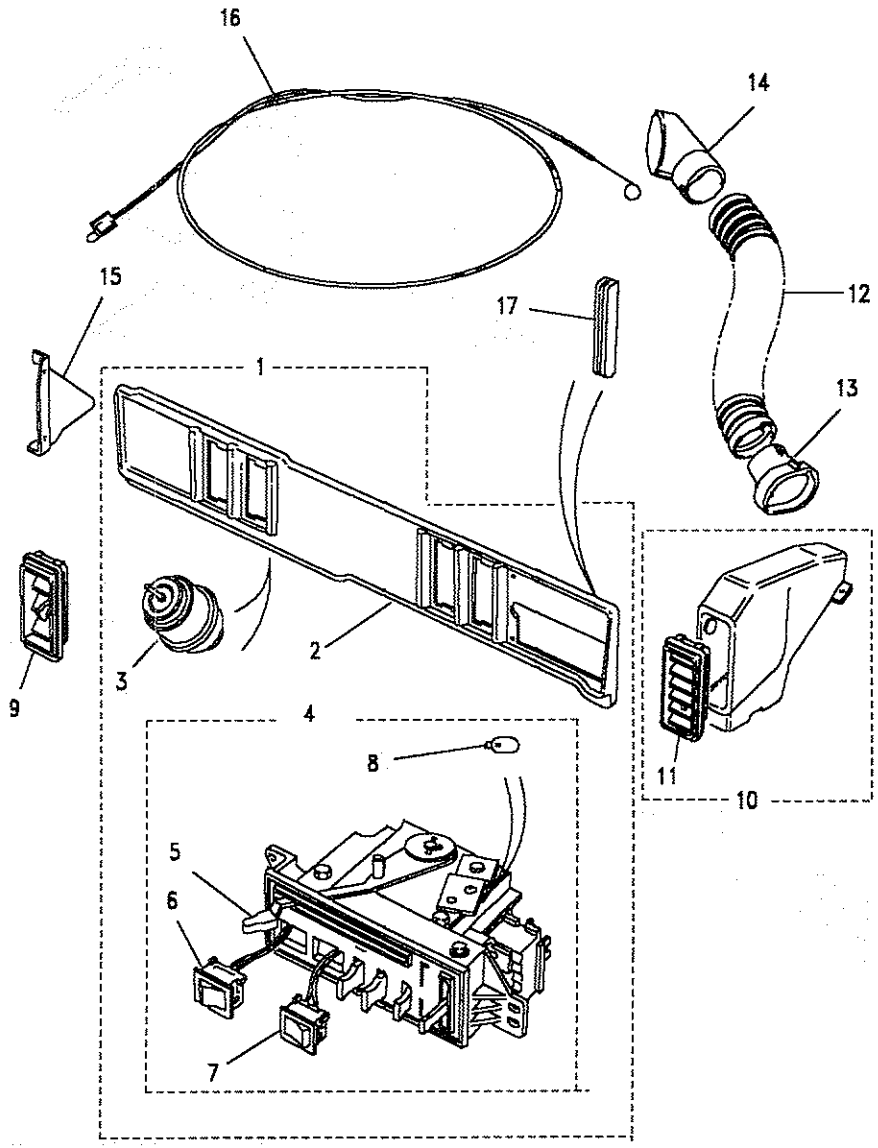
| | |
|---|---|
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| FACIA PANEL ASSEMBLY - RHS | 712 |
| FRESH AIR DUCT - LHS | 713 |
| AIR DUCT INSULATION - LHS | 714 |
| HEATER CONTROLS - LHS | 715 |
| PLENUM CHAMBER - LHS | 716 |
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**Page** AFLXRA2A

## AIR CONDITIONING - PLENUM & DEFROSTERS - RHS

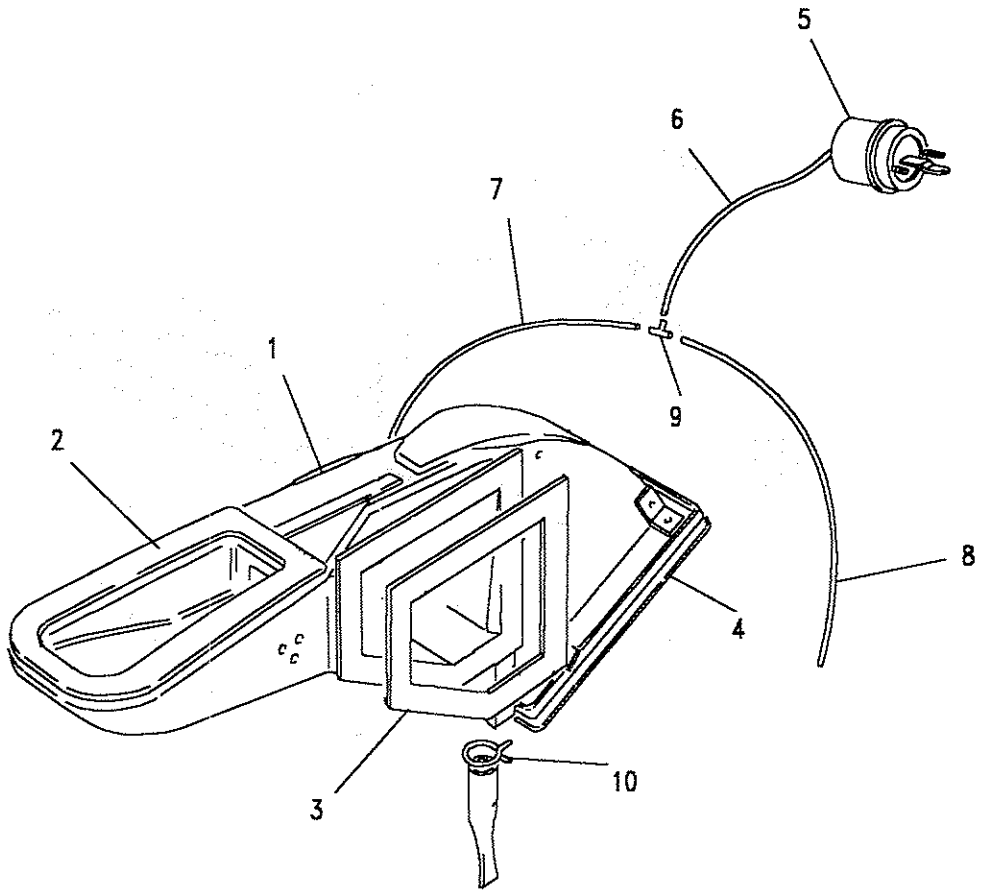
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC1665 | Plenum chamber assembly | 1 | |
| 2 | AEU4002 | Motor vacuum | 2 | |
| 3 | MUC6021 | Seal | 1 | NLS |
| 4 | MUC4882 | Seal RH | 1 | |
| 5 | MUC4881 | Seal LH | 1 | |
| 6 | MUC4891 | Adaptor | 1 | |
| 7 | MUC1673 | Duct LH | 1 | |
| 8 | MUC4892 | Hose | 1 | |
| 9 | MUC1674 | Duct RH | 1 | UptoMA939975 |
| | AWR1247 | Duct RH | 1 | FromMA939976 |
| 10 | AB606021L | Screw | 22 | |
| 11 | MUC3695 | Pad insulation | 1 | |




**Model** DEFENDER 90
**Page** AFLXRA3A

## AIR CONDITIONING - FACIA PANEL ASSEMBLY - RHS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC1667 | Facia assembly | 1 | |
| 2 | MUC6001 | Panel | 1 | UptoMA939975 |
| | AWR1245 | Panel | 1 | FromMA939976 |
| 3 | AEU4002 | Motor vacuum | 2 | |
| 4 | MUC1666 | Control assembly | 1 | UptoMA939975 |
| | AWR1666 | Control assembly | 1 | FromMA939976 |
| 5 | MUC6011 | Knob | 1 | |
| 6 | MUC6012 | Switch clutch | 1 | |
| 7 | MUC6013 | Switch fresh air | 1 | |
| 8 | 573289 | Bulb | 1 | |
| 9 | MUC4880 | Louvre | 4 | |
| 10 | MUC1669 | Duct assembly | 1 | |
| 11 | RTC7411 | Louvre | 1 | |
| 12 | MUC4895 | Hose - duct to plenum | 1 | Upto EA332911 |
| | MXC3418 | Hose - duct to plenum | 1 | From EA332912 |
| 13 | MXC3357 | Adaptor duct | 1 | From EA332912 |
| 14 | MXC3358 | Adaptor plenum | 1 | From EA332912 |
| 15 | MUC1670 | Finisher | 1 | |
| 16 | MUC1680 | Cable control | 1 | |
| 17 | RTC7465 | Finisher | 1 | |




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**Page** AFLXRA4A

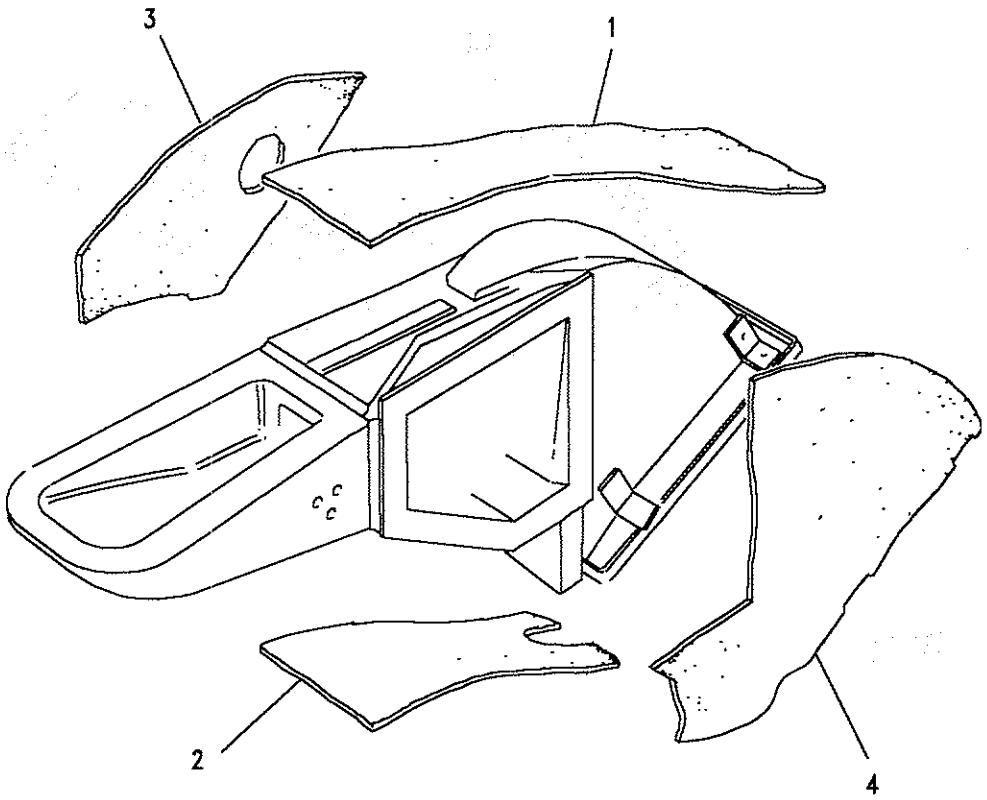
## AIR CONDITIONING - FRESH AIR DUCT - LHS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC5571 | Duct air | 1 | |
| 2 | RTC7461 | Seal - duct to wing top | 1 | |
| 3 | RTC7460 | Seal - duct to evaporator | 1 | |
| 4 | RTC7459 | Seal - air duct to dash | 1 | |
| 5 | AEU4002 | Motor vacuum | 1 | |
| 6 | | Hose vacuum | 1 | 5" Note(1) |
| 7 | | Hose vacuum | 1 | 12" Note(1) |
| 8 | | Hose vacuum | 1 | 9" Note(1) |
| 9 | MUC4455 | Tee piece | 1 | |
| 10 | RTC7470 | Clamp | 1 | |
| | ATU1041 | Clamp hose | 8 | |

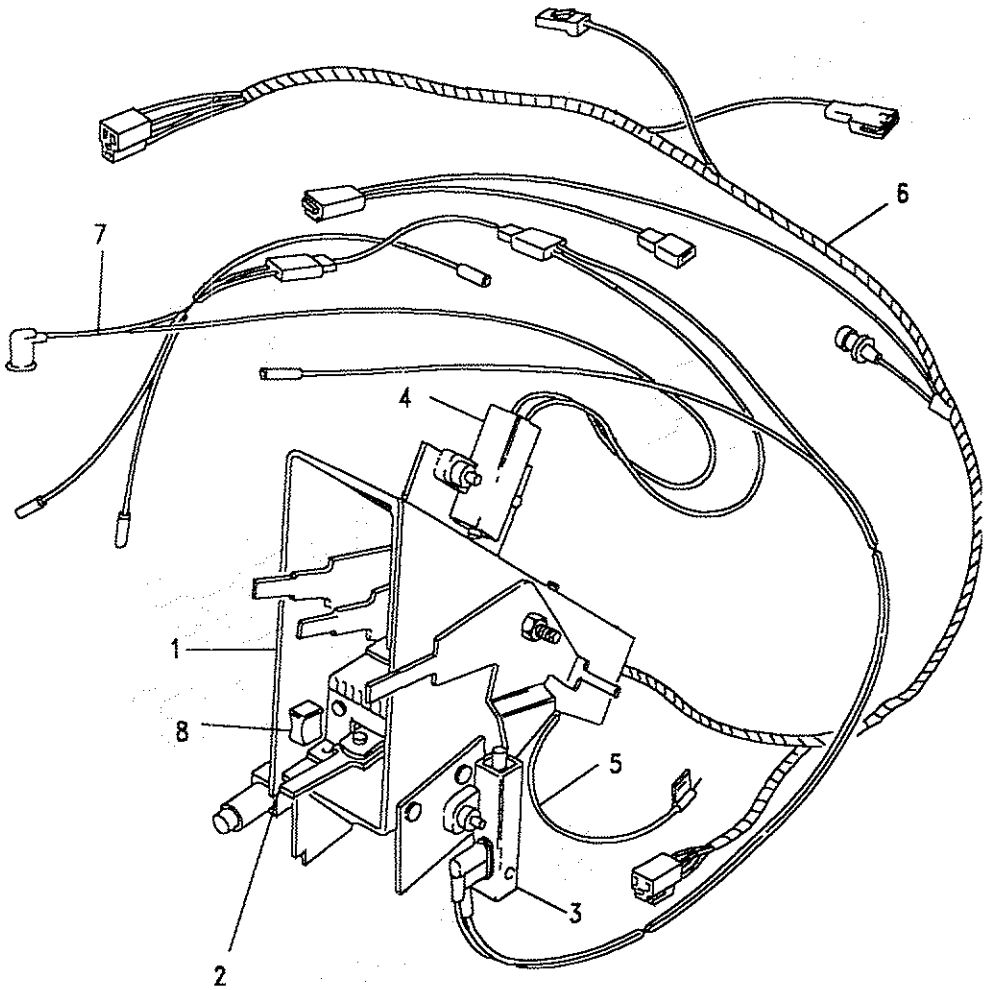
Note(1) Use MUC4878 = 30" x 0.109375"

**Model** DEFENDER 90
**Page** AFLXRA5A

## AIR CONDITIONING - AIR DUCT INSULATION - LHS



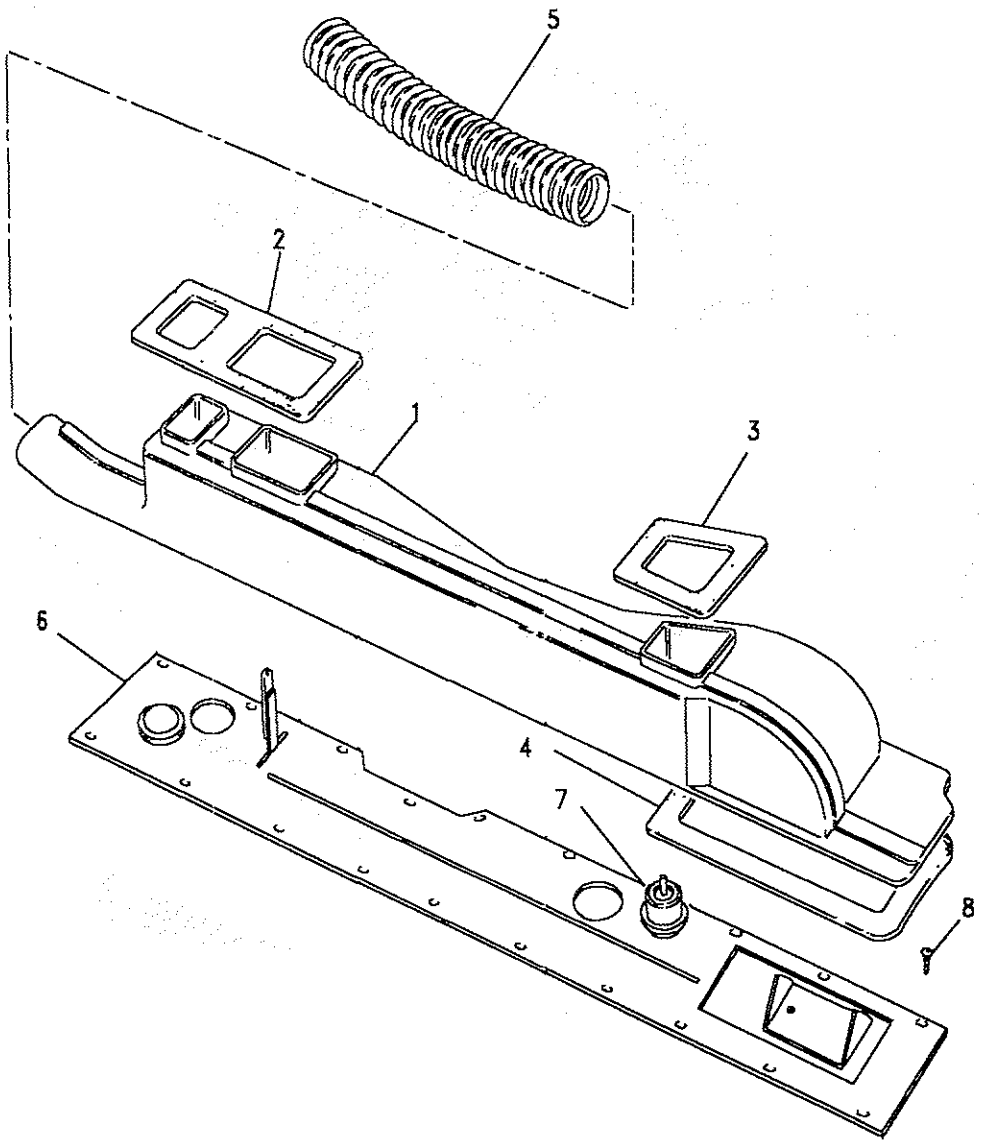

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC1657 | Insulation top | 1 | |
| 2 | MUC1658 | Insulation bottom | 1 | |
| 3 | MUC1659 | Insulation outer | 1 | |
| 4 | MUC1660 | Insulation inner | 1 | |




**Model** DEFENDER 90
**Page** AFLXRA6A

## AIR CONDITIONING - HEATER CONTROLS - LHS

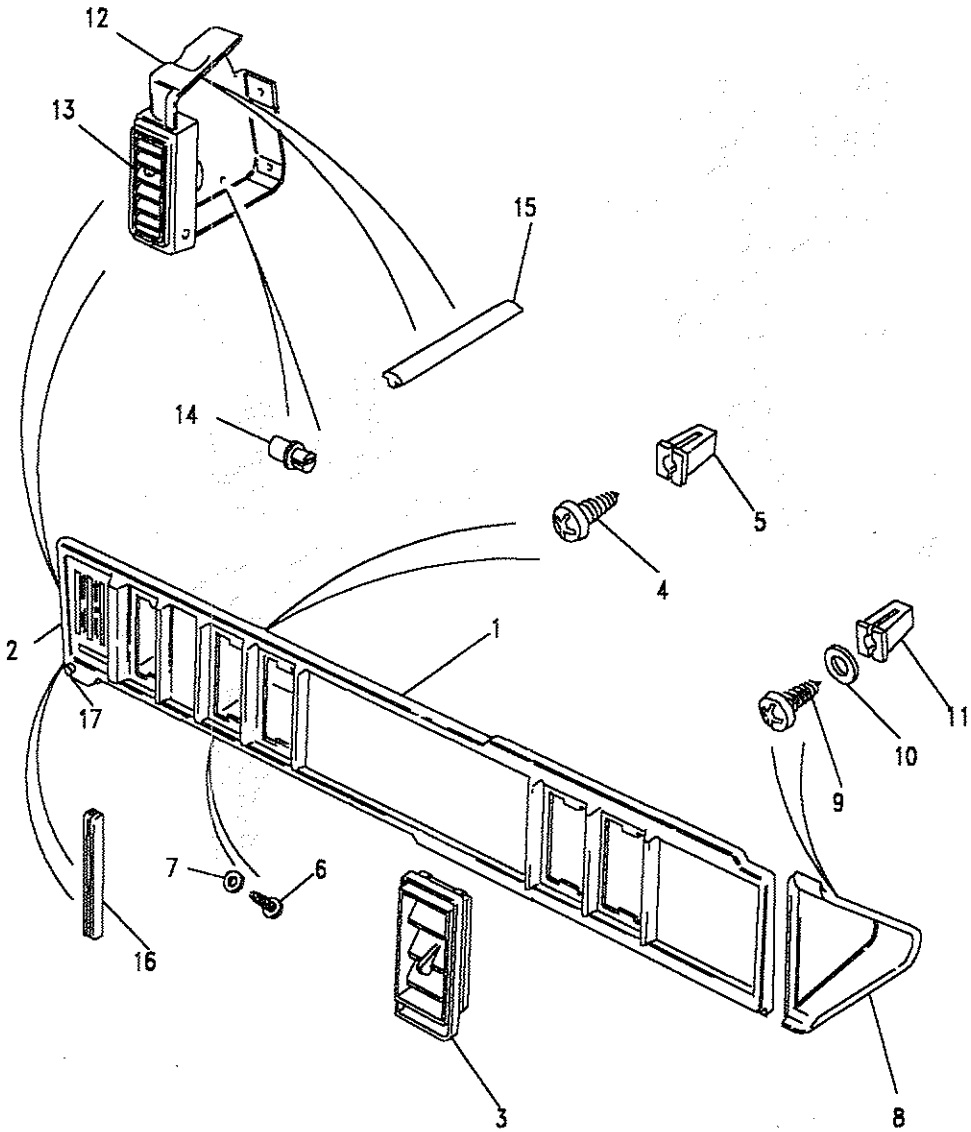
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC5573 | Control heater | 1 | UptoMA939976 |
| | AWR1179 | Control heater | 1 | FromMA939976 |
| 2 | AEU1205 | Switch fan speed | 1 | |
| 3 | RTC7443 | Switch vacuum | 1 | |
| 4 | RTC7451 | Switch vacuum | 1 | |
| 5 | RTC7445 | Cable control | 1 | Short |
| 6 | RTC7448 | Harness electric | 1 | |
| 7 | RTC7466 | Harness vacuum | 1 | |
| 8 | AEU1198 | Knob | 4 | |




**Model** DEFENDER 90
**Page** AFLXRA7A

## AIR CONDITIONING - PLENUM CHAMBER - LHS

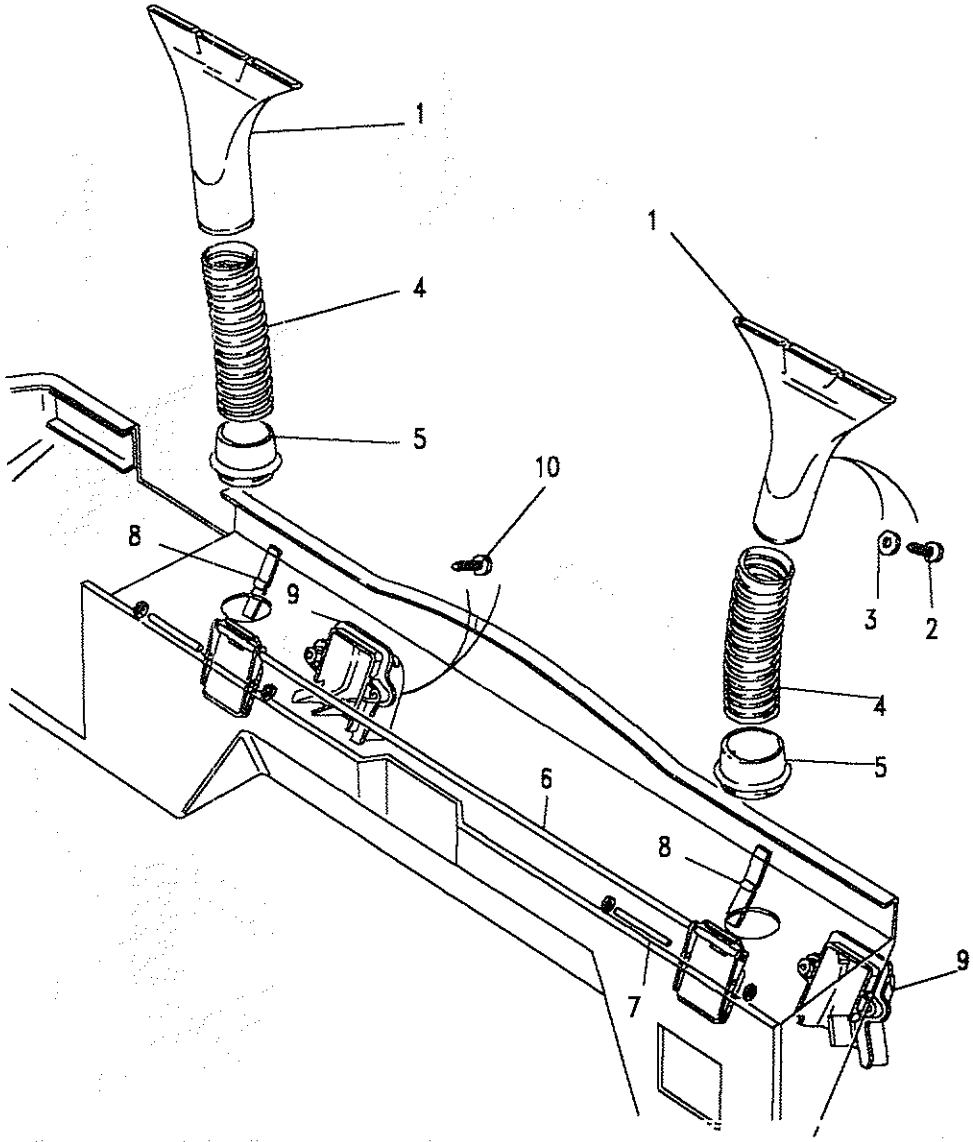
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC7408 | Plenum chamber assembly | 1 | |
| | AWR1174 | Plenum extension | 1 | FromMA939976 |
| 2 | RTC7462 | Seal outlet | 1 | |
| 3 | RTC7463 | Seal outlet | 1 | |
| 4 | RTC7464 | Seal inlet | 1 | |
| 5 | RTC7409 | Hose | 1 | |
| 6 | RTC7415 | Panel closing | 1 | UptoMA939975 |
| | AWR1448 | Panel closing | 1 | FromMA939976 |
| 7 | AEU4002 | Motor vacuum | 1 | |
| 8 | AB606021 | Screw | 22 | |
| **Plenum chamber to toe box** | | | | |
| | 367078 | Spacer | A/R | |




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**Page** AFLXRA8A

## AIR CONDITIONING - FACIA PANEL - LHS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC7450 | Facia assembly | 1 | |
| 2 | AEU4000 | Plate instruction | 1 | |
| 3 | AEU4001 | Louvre | 5 | |
| | AWR1169 | Louvre | 5 | |
| **Facia to front plate** | | | | |
| 4 | AC608065 | Screw | 2 | |
| 5 | ACU5431 | Nut lokut | 2 | |
| 6 | AB608051 | Screw | 2 | |
| 7 | WC105001 | Washer plain | 2 | |
| **Facia panel end finishers** | | | | |
| 8 | MTC5581 | Finisher | 1 | |
| 9 | AW606124 | Screw | 1 | |
| 10 | WA104004 | Washer plain | 1 | |
| 11 | ACU5431 | Nut lokut | 1 | |
| 12 | RTC7410 | Finisher assembly | 1 | UptoMA939975 |
| | AWR1170 | Finisher assembly | 1 | FromMA939976 |
| 13 | RTC7411 | Louvre | 1 | |
| 14 | 79086 | Rivet rokut | 1 | |
| 15 | MTC7516 | Finisher | 1 | |
| 16 | RTC7465 | Finisher | 1 | |
| 17 | RTC7412 | Switch illuminated | 1 | |
| | RTC7413 | Bulb | 1 | |




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## AIR CONDITIONING - DEMISTER AND FLAPS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC9668 | Nozzle RH | 1 | LHS |
| | MXC3188 | Nozzle RH | 1 | 200Tdi LHS Upto JA906639 |
| | BTR1600 | Nozzle RH | 1 | 200Tdi LHS From JA906640 |
| 1 | NRC9669 | Nozzle LH | 1 | LHS |
| | MXC3189 | Nozzle LH | 1 | 200Tdi LHS Upto JA906639 |
| | BTR1599 | Nozzle LH | 1 | 200Tdi LHS From JA906640 |
| 2 | AB608047L | Screw | 2 | LHS |
| 3 | WA105001 | Washer plain | 2 | LHS |
| **Fixings - 200Tdi LHS** | | | | |
| | AB608054L | Screw | 4 | |
| | RTC3745 | Nut lokut | 1 | RH nozzle |
| | AK608021 | Nut spring | 1 | RH nozzle |
| 4 | MRC7279 | Flexible Tube | 2 | LHS |
| 5 | MRC7281 | Grommet | 2 | LHS |
| 6 | MUC1139 | Outlet flaps assy LHS | 1 | Upto HA905497 NLA use BTR1347 |
| | BTR1347 | Outlet flaps assy LHS | 1 | From HA905498 |
| | MUC3278 | Outlet flaps assy RHS | 1 | Upto JA908189 NLA use BTR1348 |
| | BTR1348 | Outlet flaps assy RHS | 1 | From JA908190 |
| 7 | MTC5578 | Actuating bar | 1 | |
| 8 | 346796 | Spring | 2 | |
| 9 | 395829 | Grille outlet RH | 1 | |
| | 395830 | Grille outlet LH | 1 | |
| 10 | MRC1525 | Screw | 4 | |

## MASTER INDEX

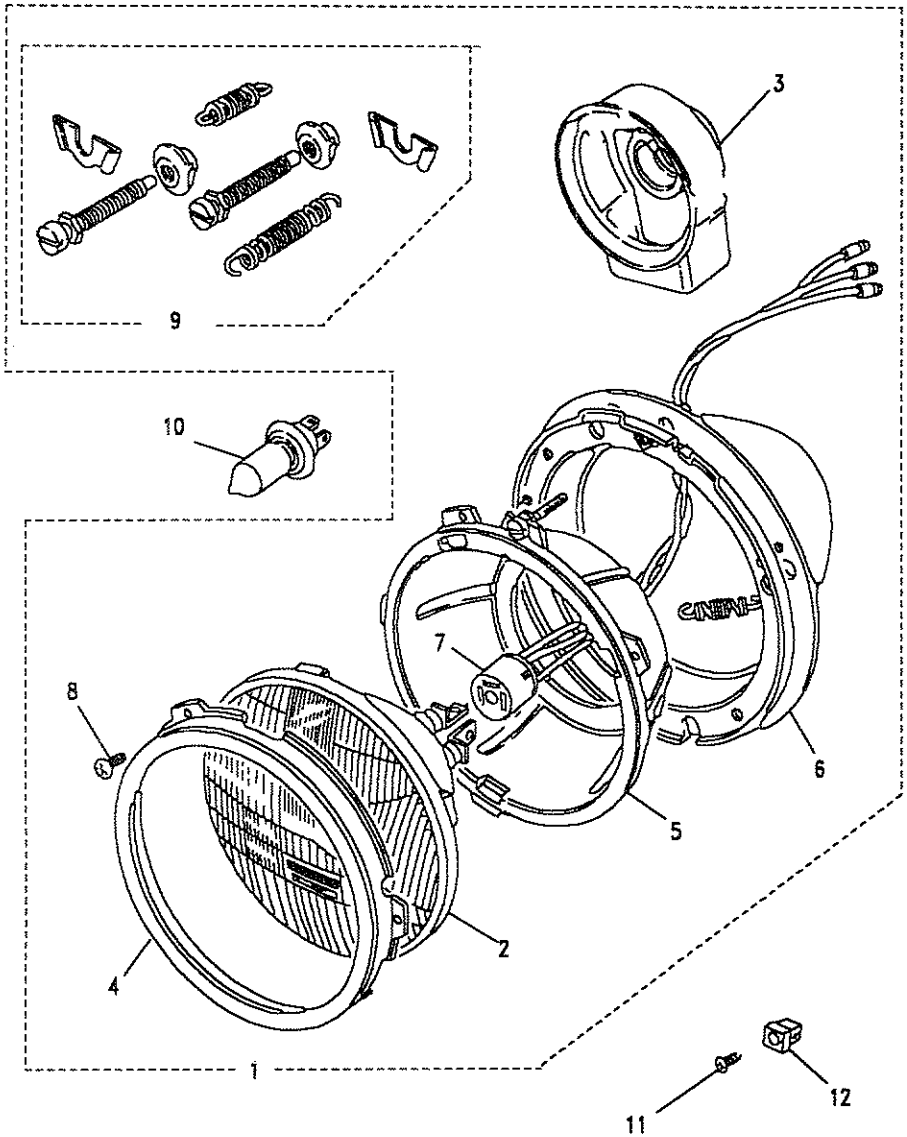

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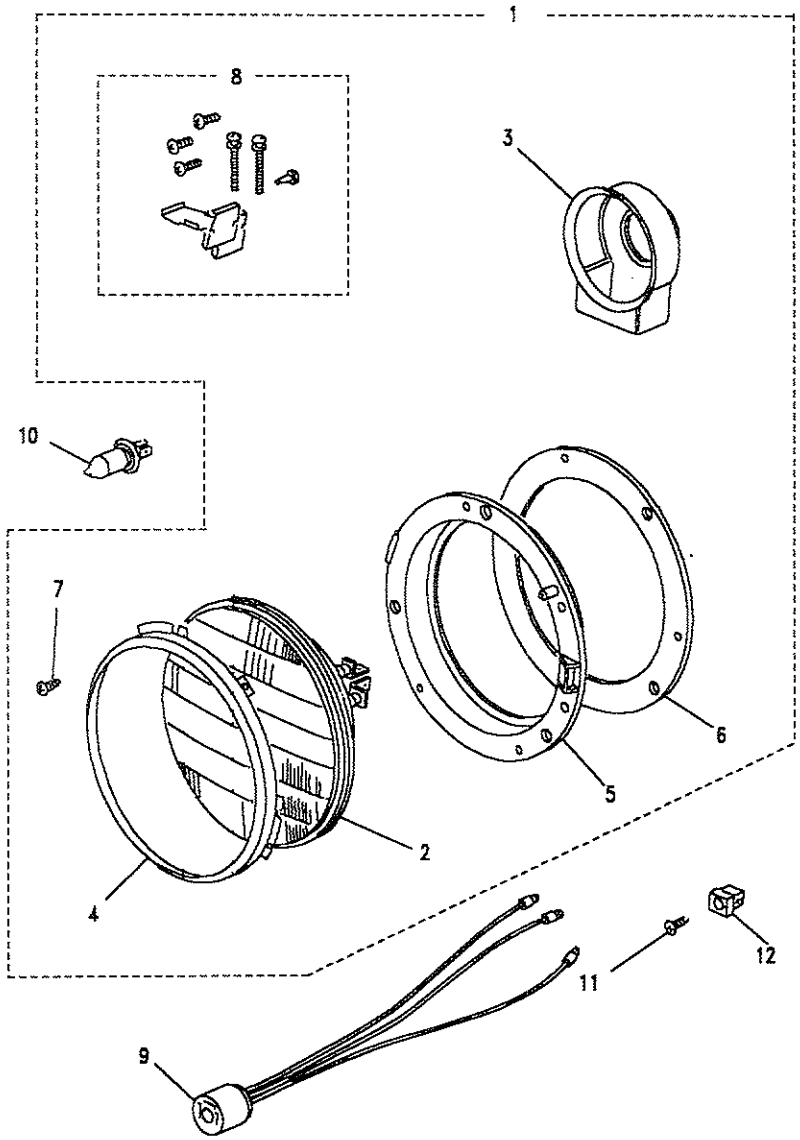
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**ELECTRICAL - HEADLAMPS - LUCAS - UP TO KA922614**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Sealed Beam** | | | | |
| 1 | AEU1355 | Headlamp assembly | 2 | RHS |
| | 27H8207L | Headlamp assembly | 2 | LHS |
| 2 | RTC3682 | Light unit | 2 | RHS |
| | RTC3683 | Light unit | 2 | LHS |
| **Quartz Halogen** | | | | |
| 1 | BAU2144 | Headlamp assembly | 2 | RHS |
| | AEU1742 | Headlamp assembly | 2 | LHS |
| 2 | RTC4615 | Light Unit | 2 | RHS |
| | PRC7994 | Light Unit | 2 | LHS |
| 3 | 156206 | Cover bulb | 2 | |
| **Sealed Beam and Quartz Halogen** | | | | |
| 4 | PRC7992 | Bezel | 2 | |
| 5 | STC643 | Rim seating | 2 | |
| 6 | 531586 | Gasket headlamp | 2 | |
| 7 | 600226L | Adaptor | 2 | |
| 8 | AB606022L | Screw | 6 | |
| 9 | BHM7058L | Kit trimmer screw | 2 | |
| **Quartz Halogen only** | | | | |
| 10 | 589783 | Bulb | 2 | |
| | PRC2167 | Bulb yellow | 2 | |
| **Fixings - Headlamp to body** | | | | |
| 11 | AB608047 | Screw | 8 | |
| 12 | 79051 | Nut - Lokut | 8 | |

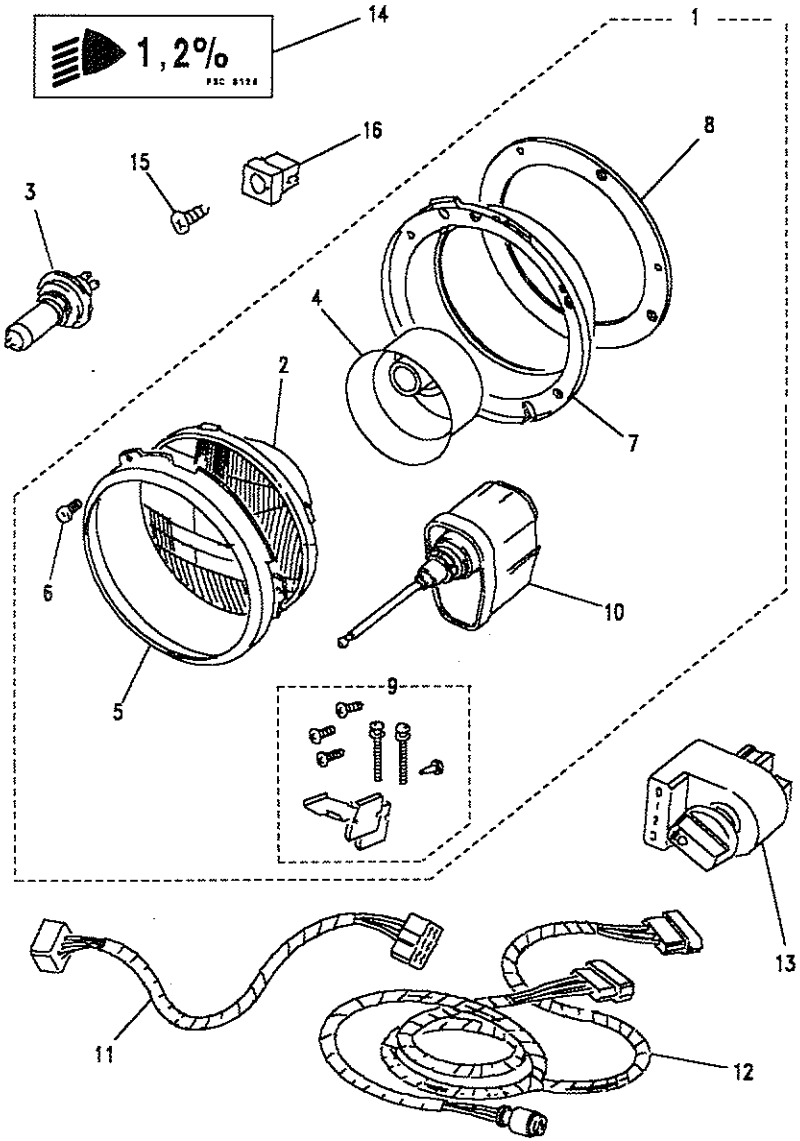



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**ELECTRICAL - HEADLAMPS - WIPAC - FROM KA922615**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Sealed Beam - Wagner markings** | | | | |
| 1 | AMR2342 | Headlamp assembly | 2 | RHS |
| | AMR2343 | Headlamp assembly | 2 | LHS |
| 2 | STC949 | Light unit | 2 | RHS |
| | STC950 | Light unit | 2 | LHS |
| **Quartz Halogen - Wipac markings** | | | | |
| 1 | AMR2344 | Headlamp assembly | 2 | RHS |
| | AMR2345 | Headlamp assembly | 2 | LHS |
| | AMR2346 | Headlamp assembly | 2 | LHS Yellow |
| 2 | STC1209 | Light unit | 2 | RHS |
| | STC1210 | Light unit | 2 | LHS |
| | STC1851 | Clip bulb retaining | 2 | |
| 3 | STC951 | Cover bulb | 2 | |
| **Sealed Beam and Quartz Halogen** | | | | |
| 4 | STC1485 | Bezel black | 2 | |
| 5 | STC1613 | Body headlamp | 2 | |
| 6 | STC1612 | Gasket headlamp | 2 | |
| 7 | STC1486 | Screw black | 2 | |
| 8 | STC1614 | Kit headlamp fittings | 2 | |
| 9 | AMR2357 | Link lead headlamp | 2 | Note(1) |
| **Quartz Halogen only** | | | | |
| 10 | 589783 | Bulb | 2 | |
| | PRC2167 | Bulb yellow | 2 | |
| **Fixings - Headlamp to body** | | | | |
| 11 | AB608047 | Screw | 8 | |
| 12 | 79051 | Nut lokut | 8 | |

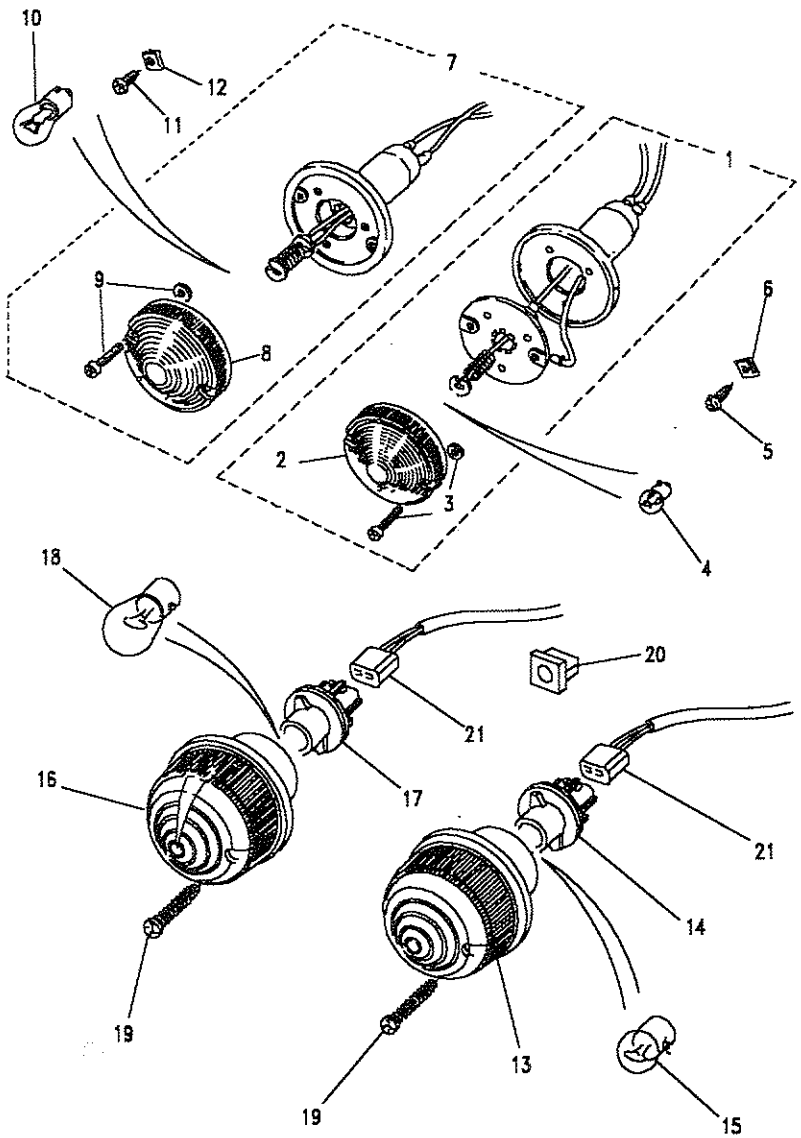
Note(1) For fitting Wipac lamps in place of Lucas.




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**BODY ELECTRICS - HEADLAMPS WITH LEVELLING - LHS ONLY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | AMR3247 | Headlamp assembly | 2 | |
| 2 | STC1210 | Light Unit | 2 | |
| | STC1851 | Clip bulb retaining | 2 | |
| 3 | 589783 | Bulb | 2 | |
| 4 | STC951 | Cover bulb | 2 | |
| 5 | STC1485 | Rim (Black) | 2 | |
| 6 | STC1486 | Screw(Black) | 2 | |
| 7 | STC1613 | Body headlamp | 2 | |
| 8 | STC1612 | Gasket headlamp | 2 | |
| 9 | STC1614 | Kit headlamp fittings | 2 | |
| 10 | AMR2090 | Actuator | 2 | |
| 11 | PRC9993 | Cable assembly | 1 | |
| 12 | PRC8816 | Link lead | 1 | |
| 13 | AMR3465 | Switch headlamp levelling | 1 | |
| 14 | PRC8125 | Label warning | 1 | |
| **Fixings - Headlamp to body** | | | | |
| 15 | AB608047 | Screw | 8 | |
| 16 | 79051 | Nut lokut | 8 | |

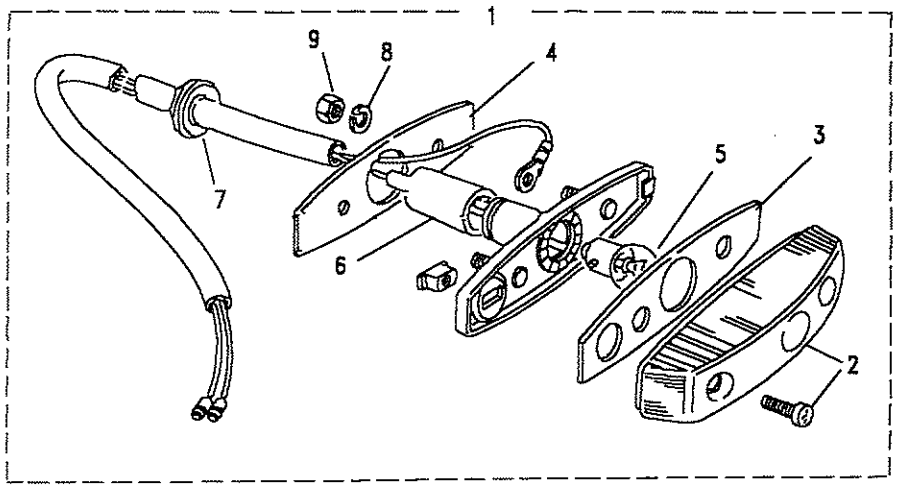


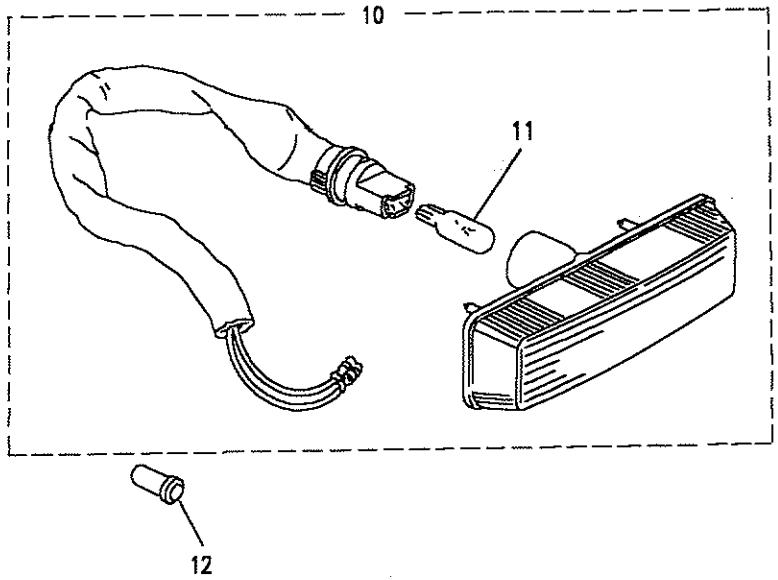

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## ELECTRICAL - FRONT LAMPS - SIDE AND INDICATOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to LA940004** | | | | |
| 1 | RTC5012 | Lamp side | 2 | |
| 2 | 589284 | Lens | 2 | |
| 3 | 608004 | Screw and Washer | 4 | |
| 4 | 570822 | Bulb | 2 | Lucas lamps |
| | 10211 | Bulb | 2 | LEP lamps |
| 5 | AB606041L | Screw | 6 | |
| 6 | AK606021L | Nut spring | 6 | |
| 7 | RTC5013 | Lamp indicator | 2 | |
| 8 | 589285 | Lens | 2 | |
| 9 | 608004 | Screw and Washer | 4 | |
| 10 | 264591 | Bulb | 2 | |
| 11 | AB606041L | Screw | 6 | |
| 12 | AK606021L | Nut spring | 6 | |
| **Sealed light units - From MA940005** | | | | |
| 13 | STC1227 | Lamp - front sidelight | 2 | |
| 14 | AMR1421 | Bulb holder | 2 | |
| 15 | 10211 | Bulb - sidelight | 2 | |
| 16 | STC1228 | Lamp - front indicator | 2 | |
| 17 | AMR1421 | Bulb holder | 2 | |
| 18 | 264591 | Bulb - indicator | 2 | |
| 19 | | Screw | 4 | NSP Note(1) |
| 20 | CZH619 | Lokut nut | 4 | |
| 21 | STC1188 | Cable assembly | 4 | Note(2) |

Note(1) Screws supplieied with lens assembly.
Note(2) For connection of 95MY lamps to pre 95MY harness.

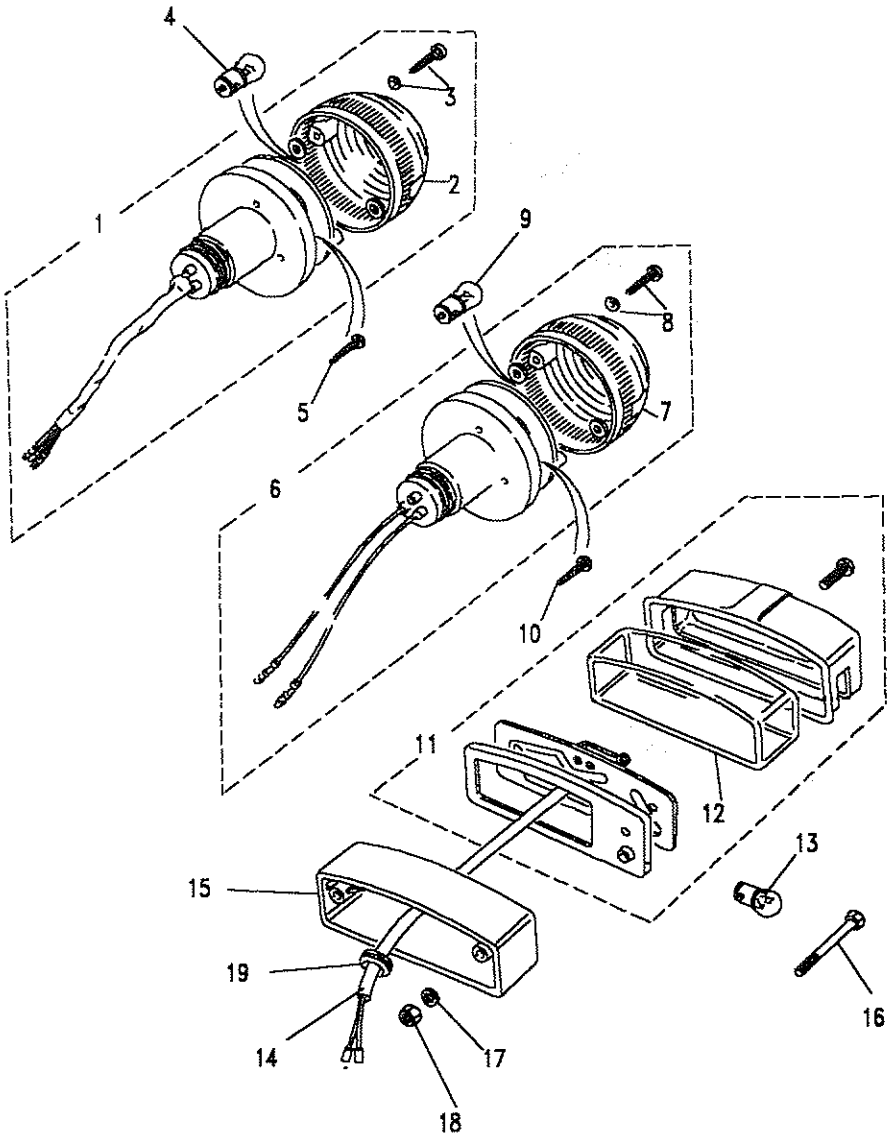



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## ELECTRICAL - SIDE REPEATER LAMPS

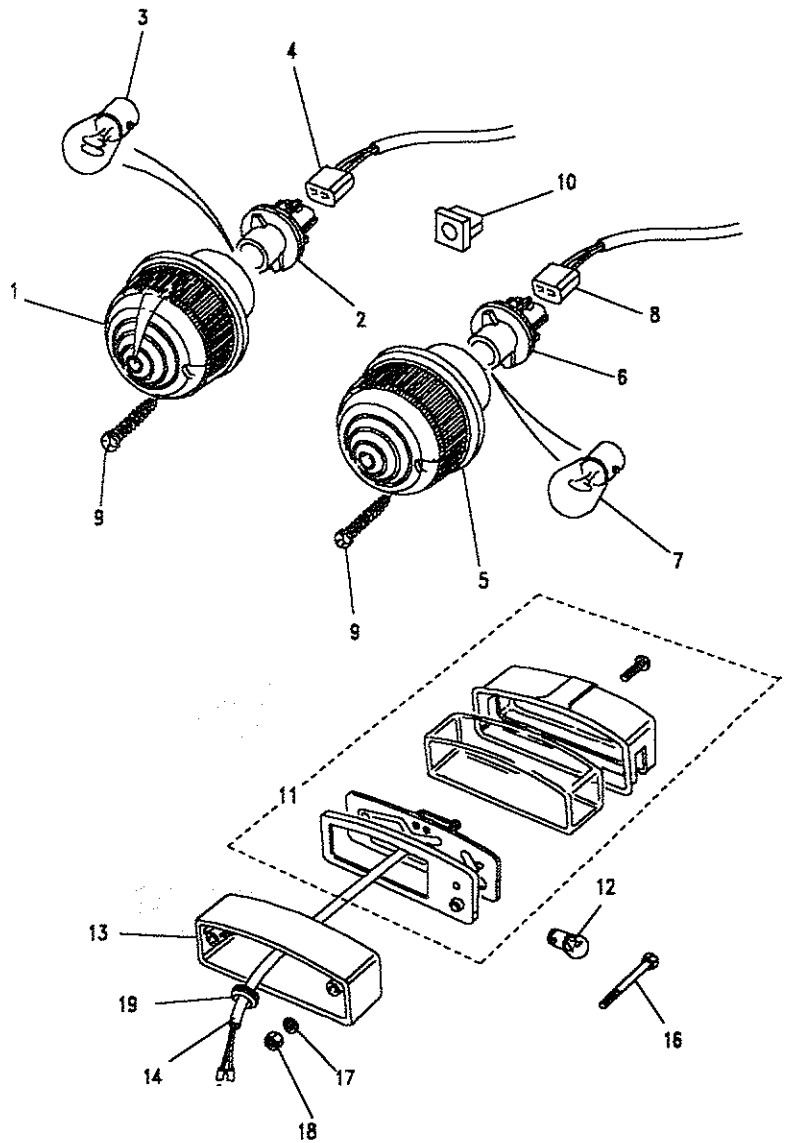
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 589143 | Lamp side repeater | 2 | Upto VIN 331793 |
| 2 | 27H2403L | Lens and screw | 2 | NLS |
| 3 | 608311 | Gasket | 2 | |
| 4 | 608312 | Gasket | 2 | |
| 5 | 570822 | Bulb | 2 | |
| 6 | 515060 | Grommet | 2 | NLS |
| 7 | 233243 | Grommet | 2 | |
| 8 | WM704001L | Washer spring | 4 | |
| 9 | 257203 | Nut | 4 | |
| 10 | PRC7044 | Lamp side repeater | 2 | From VIN 331794 up to LA939975 |
| | PRC9916 | Lamp side repeater | 2 | From MA939976 |
| 11 | 570829 | Bulb | 2 | |
| 12 | MWC9606 | Bush | 4 | |
| | AFU1926L | Nut captive | 4 | |




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**ELECTRICAL - REAR LAMPS - STOP/TAIL, INDICATOR, NUMBER PLATE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to LA939975** | | | | |
| 1 | RTC5523 | Lamp stop/tail | 2 | |
| 2 | RTC210 | Lens | 2 | |
| 3 | 608004 | Screw & Washer | 4 | |
| 4 | 264590 | Bulb | 2 | |
| 5 | 77932 | Screw | 6 | |
| 6 | RTC5524 | Lamp indicator | 2 | |
| 7 | 589202 | Lens | 2 | |
| 8 | 608004 | Screw & Washer | 4 | |
| 9 | 264591 | Bulb | 2 | |
| 10 | 77932 | Screw | 6 | |
| 11 | AEU1652 | Lamp number plate | 1 | |
| 12 | 606211 | Lens | 1 | NLS |
| 13 | 570822 | Bulb | 2 | |
| 14 | 589026 | Cable | 1 | |
| 15 | 345597 | Plinth | 1 | |
| 16 | 257302 | Screw | 2 | |
| 17 | WL105001L | Washer spring | 2 | |
| 18 | HN2005L | Nut | 2 | |
| 19 | 235113 | Grommet | 1 | |

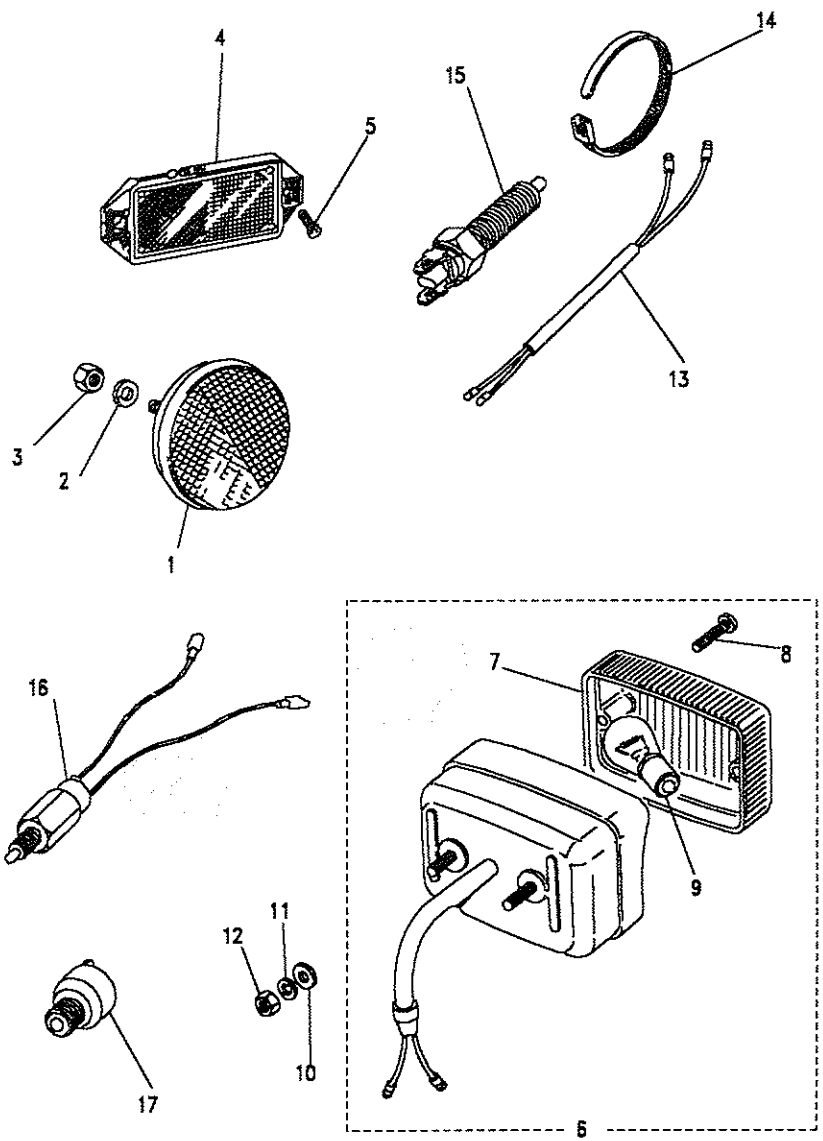



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## ELECTRICAL - REAR LAMPS - STOP/TAIL, INDICATOR, NUMBER PLATE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Sealed light units - From MA939976** | | | | |
| 1 | STC1230 | Lamp - stop/tail | 2 | |
| 2 | AMR1422 | Bulb holder 5/21W | 2 | |
| 3 | 264590 | Bulb - stop/tail | 2 | |
| 4 | STC1189 | Cable assembly | 2 | Note(1) |
| 5 | STC1229 | Lamp - rear indicator | 2 | |
| 6 | AMR1421 | Bulb holder | 2 | |
| 7 | 264591 | Bulb - indicator | 2 | |
| 8 | STC1188 | Cable assembly | 2 | Note(1) |
| 9 | | Screw | 4 | NSP Note(2) |
| 10 | CZH619 | Lokut nut | 4 | |
| 11 | PRC7255 | Lamp number plate | 1 | |
| 12 | 570822 | Bulb | 2 | |
| 13 | 345597 | Plinth | 1 | |
| 14 | 589026 | Cable | 1 | |
| 15 | 233244 | Grommet | 1 | |
| 16 | SH105551 | Screw M5 | 2 | |
| 17 | WM702001 | Washer spring | 2 | |
| 18 | NH105041 | Nut M5 | 2 | |

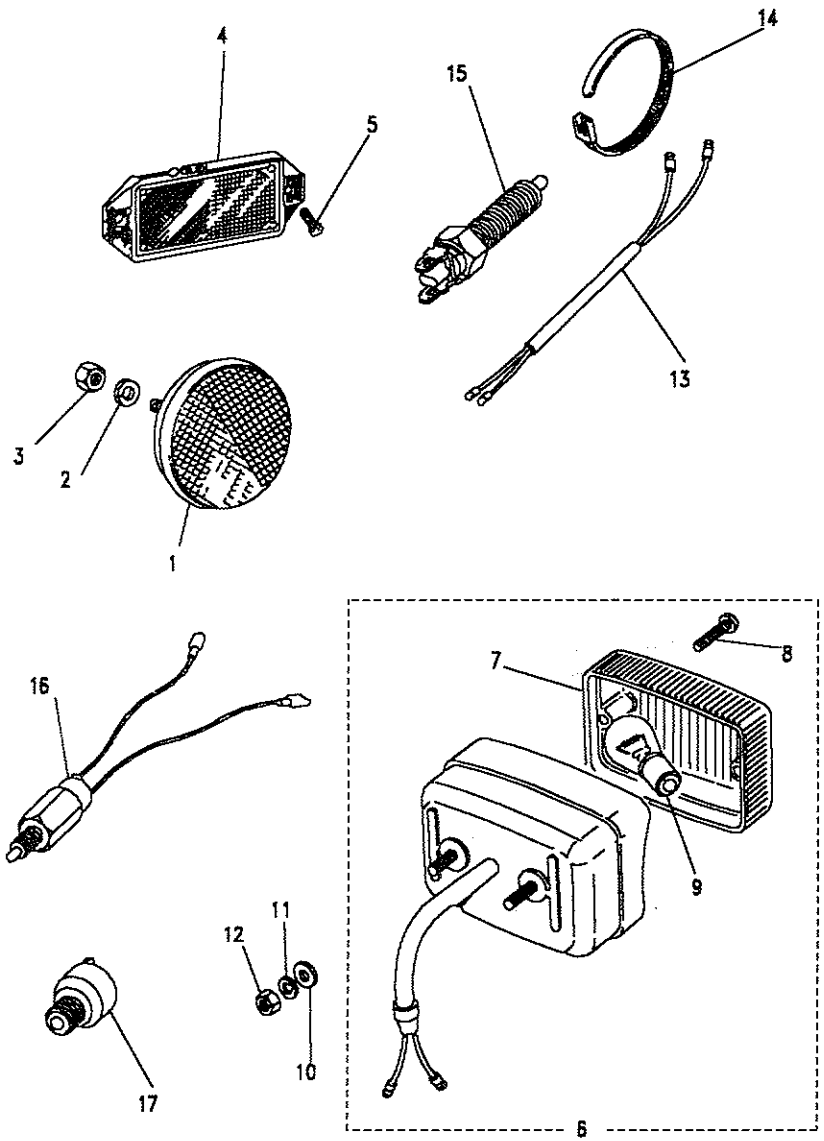
Note(1) For connection of 95MY lamps to pre 95MY harness.
Note(2) Screws supplieied with lens assembly.




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**ELECTRICAL - REFLECTORS, FOG LAMP, REVERSE LAMP**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 551595 | Reflector | 2 | Round |
| 2 | WM702001L | Washer spring | 2 | |
| 3 | RTC608 | Nut | 2 | |
| 4 | MWC1722 | Reflector | 2 | Rectangular |
| 5 | AB608047L | Screw | 2 | |
| 6 | PRC2516 | Lamp fog | 1 | Up to LA939975 |
| | AMR3506 | Lamp fog - sealed | 1 | From MA939976 |
| 7 | RTC4183 | Lens red | 1 | |
| 8 | RTC4185 | Screw | 2 | |
| 9 | 264591 | Bulb | 1 | |
| 10 | WA105001L | Washer plain | 2 | |
| 11 | WL105001L | Washer spring | 2 | |
| 12 | NH105041L | Nut | 2 | |
| 6 | PRC3299 | Lamp reverse | 1 | Up to LA939975 |
| | AMR3507 | Lamp reverse - sealed | 1 | From MA939976 |
| 7 | RTC4184 | Lens clear | 1 | |
| 8 | RTC4185 | Screw | 2 | |
| 9 | 264591 | Bulb | 1 | |
| 10 | WA105001L | Washer plain | 2 | |
| 11 | WL105001L | Washer spring | 2 | |
| 12 | NH105041L | Nut | 2 | |

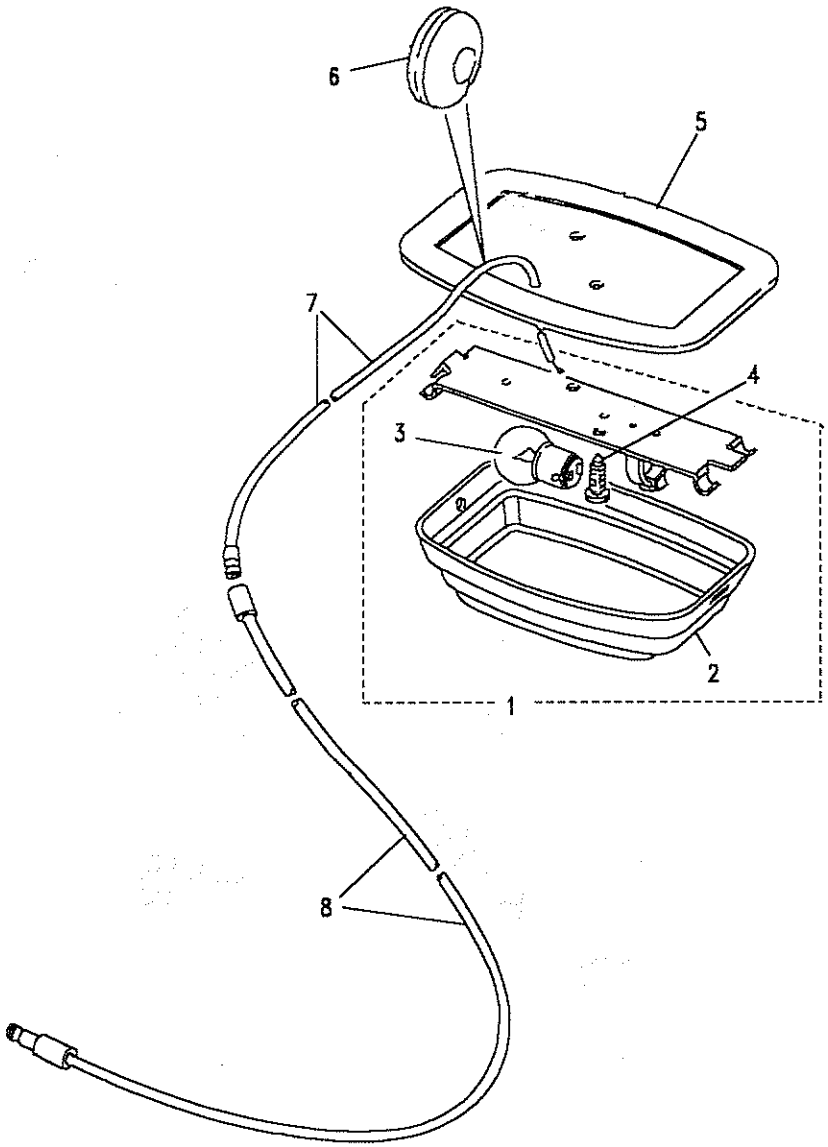



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## ELECTRICAL - REFLECTORS, FOG LAMP, REVERSE LAMP

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with LT77 gearbox - Note(1)** | | | | |
| 13 | PRC2876 | Cable-reverse lamp | 1 | 4 Cylinder |
| | PRC4473 | Cable-reverse lamp | 1 | V8 |
| 14 | 573246 | Cable tie | 2 | |
| **4 Cylinder** | | | | |
| 15 | PRC2911 | Switch-reverse lamp | 1 | Upto FA410277 |
| | PRC3085 | Link lead | 1 | Note(2) |
| 16 | PRC8204 | Switch-reverse lamp | 1 | From FA410278 |
| | NT110041L | Lock nut | 1 | Reverse lamp switch |
| **V8** | | | | |
| 17 | PRC1039 | Switch-reverse lamp | 1 | |

Note(1) For R380 gearbox switches see transmission section.
Note(2) Connects chassis harness to PRC2911 reverse lamp switch.

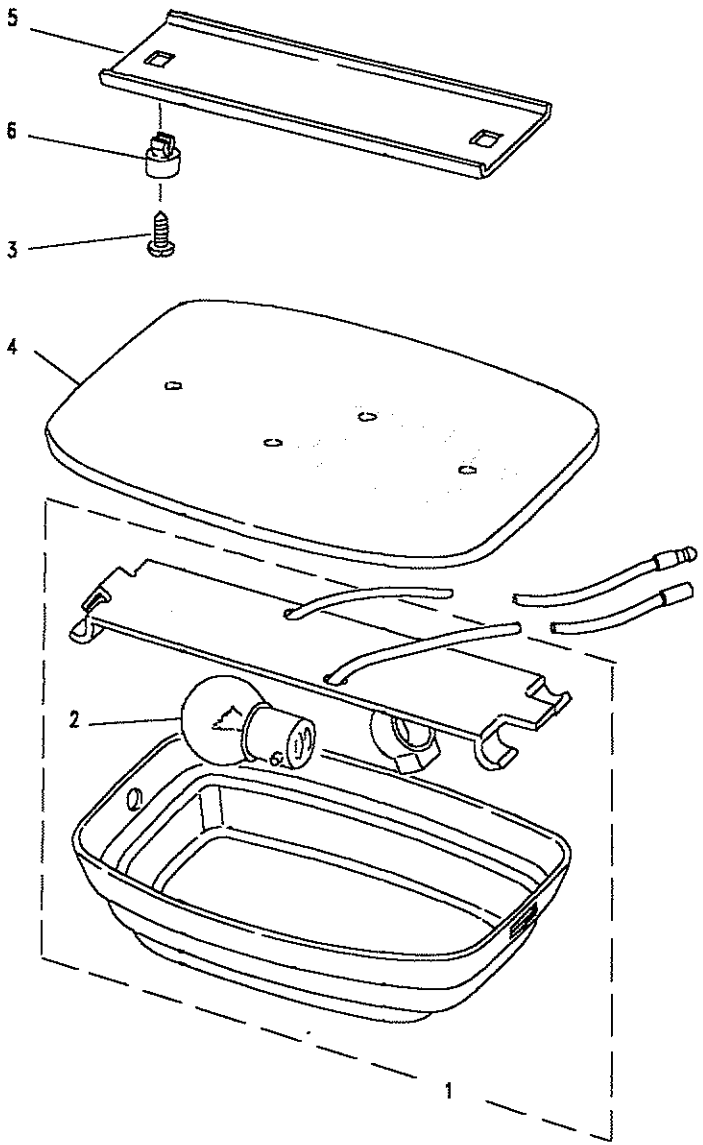



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## ELECTRICAL - INTERIOR ROOF LAMP

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 455945** | | | | |
| 1 | 265295 | Lamp interior | 1 | No longer available use STC251 |
| 2 | 320608 | Lens | 1 | |
| 3 | 264591 | Bulb | 1 | |
| 4 | AB606041L | Screw | 2 | |
| 5 | 334111 | Pad | 1 | |
| | MWC9601 | Gasket-roof lamp | 1 | Sunroof vehicles From Note(1) |
| 6 | 312856 | Grommet | 1 | |
| 7 | PRC2964 | Lead -light to roof connection | 1 | |
| 8 | PRC3813 | Lead -roof connecton to switch | 1 | |

Note(1) EA314059 (Regular), EA314174 (Station Wagon) - Intro. of 1988MY.



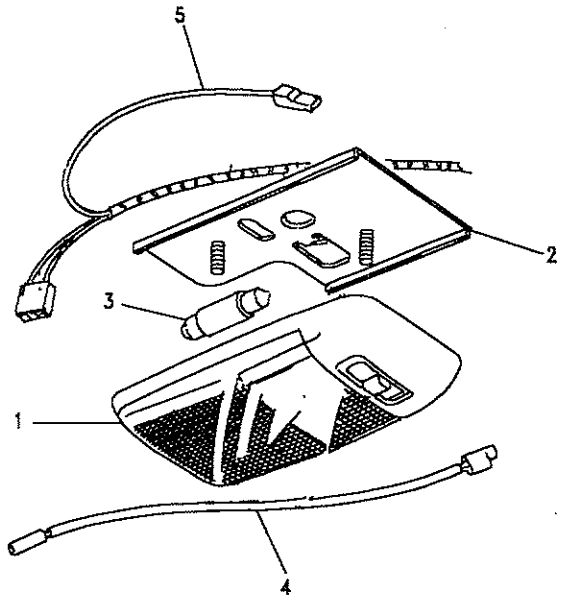

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## ELECTRICAL - INTERIOR ROOF LAMP

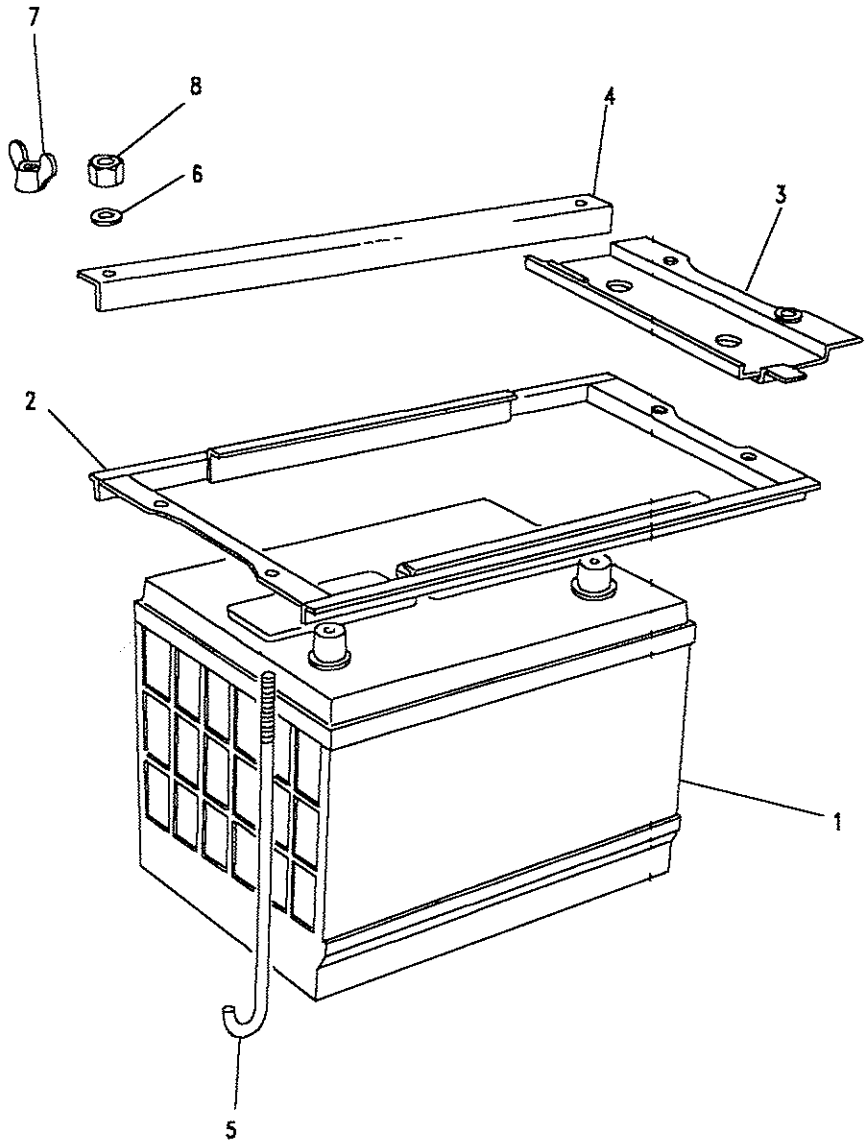
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From HA455946 up to LA939975** | | | | |
| 1 | STC251 | Lamp interior | 1 | |
| | AFU4092L | Lamp interior | 2 | 90SV |
| 2 | 264591 | Bulb | 1 | |
| 3 | AB606041L | Screw | 2 | |
| 4 | MWC9601 | Gasket | 1 | |
| 5 | MXC2342 | Plate backing | 1 | |
| 6 | MXC2341 | Nut lokut | 2 | |
| 7 | PRC8231 | Switch interior light | 2 | Up to HA702829 |
| 8 | AFU4241L | Switch interior light | 2 | From HA702830 |

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## ELECTRICAL - INTERIOR ROOF LAMP



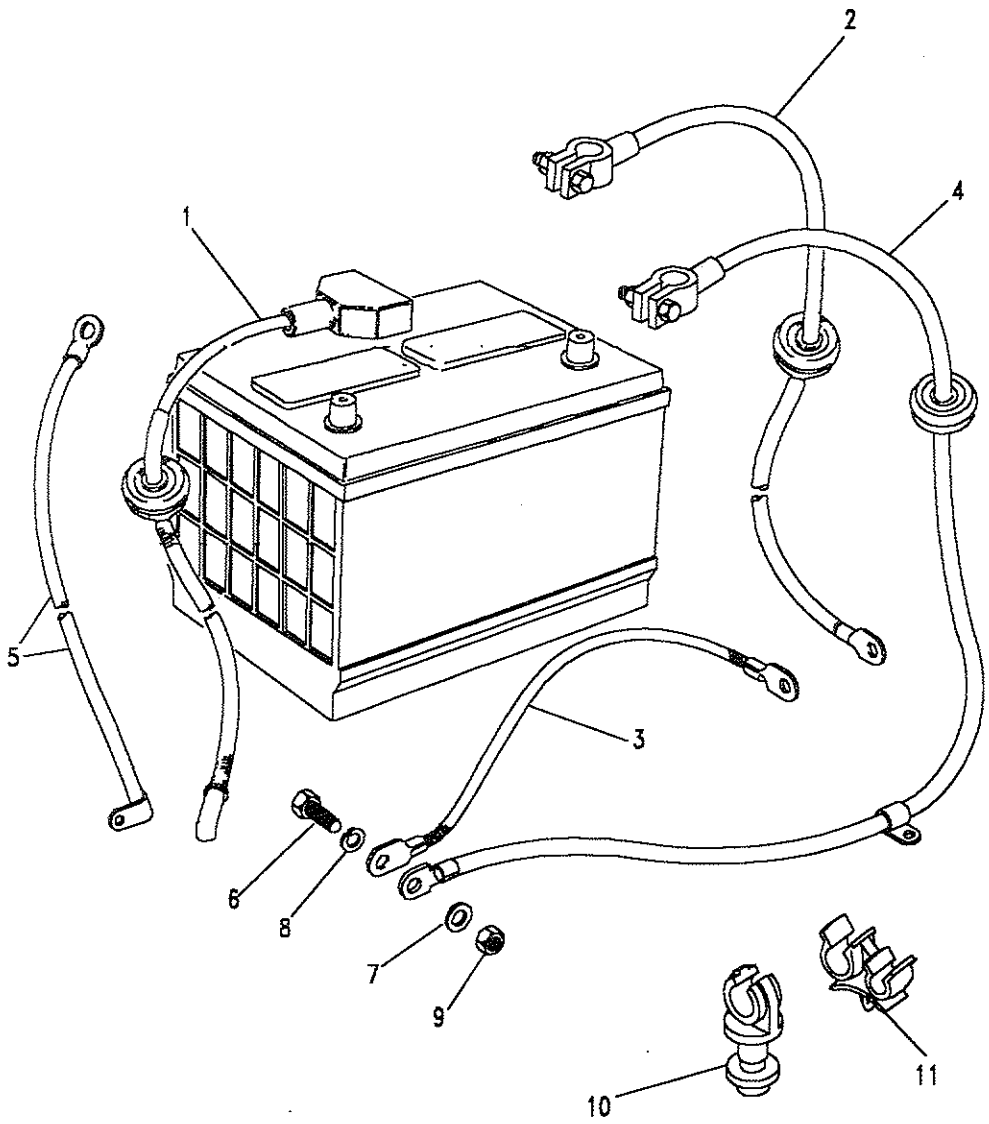

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From MA939976** | | | | |
| 1 | AMR3155 | Lamp interior | 2 | |
| 2 | 586438 | Bulb festoon 12V 10W | 2 | |
| 3 | AMR3142 | Bracket mounting | 2 | |
| 4 | AMR3158 | Harness front light | 1 | |
| 5 | AMR3322 | Harness rear light | 1 | |
| 6 | AMR3727 | Cable rear door switch | 1 | |
| 7 | AFU4241L | Switch front light | 2 | |
| 8 | PRC8548 | Switch rear light | 1 | |




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## ELECTRICAL - BATTERY

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Petrol** | | | | |
| 1 | STC8268 | Battery wet | 1 | |
| | STC8270 | Battery dry | 1 | |
| **Diesel - Upto October 1984** | | | | |
| 1 | | Battery wet | 1 | NSP |
| | STC8271 | Battery dry | 1 | |
| **Diesel - From October 1984** | | | | |
| 1 | STC8267 | Battery wet | 1 | |
| | STC8269 | Battery dry | 1 | |
| 2 | NRC5338 | Cover battery | 1 | Petrol up to VIN 270511 |
| | NRC5387 | Cover battery | 1 | Diesel up to VIN 270511 |
| 3 | MTC6302 | Spacer | 1 | Petrol up to VIN 270511 |
| 4 | MUC7513 | Clamp battery | 1 | From VIN 270512 |
| 5 | MRC7132 | J bolt | 2 | Up to VIN 270511 |
| | MRC7132 | J bolt | 1 | From VIN 270512 up to VIN 455945 |
| | MUC7514 | J bolt | 1 | From VIN 270512 up to VIN 455945 |
| | STC307 | J bolt | 2 | From HA455946 |
| 6 | AFU1271 | Washer | 2 | )Alternatives |
| | WA106041L | Washer plain | 2 | )up to VIN 270511 |
| | WC106041L | Washer plain | 2 | From VIN 270512 |
| 7 | AFU1272 | Wing Nut | 2 | )Alternatives |
| 8 | NH106041L | Nut | 4 | )up to VIN 270511 |
| | NH106041L | Nut | 4 | From VIN 270512 |

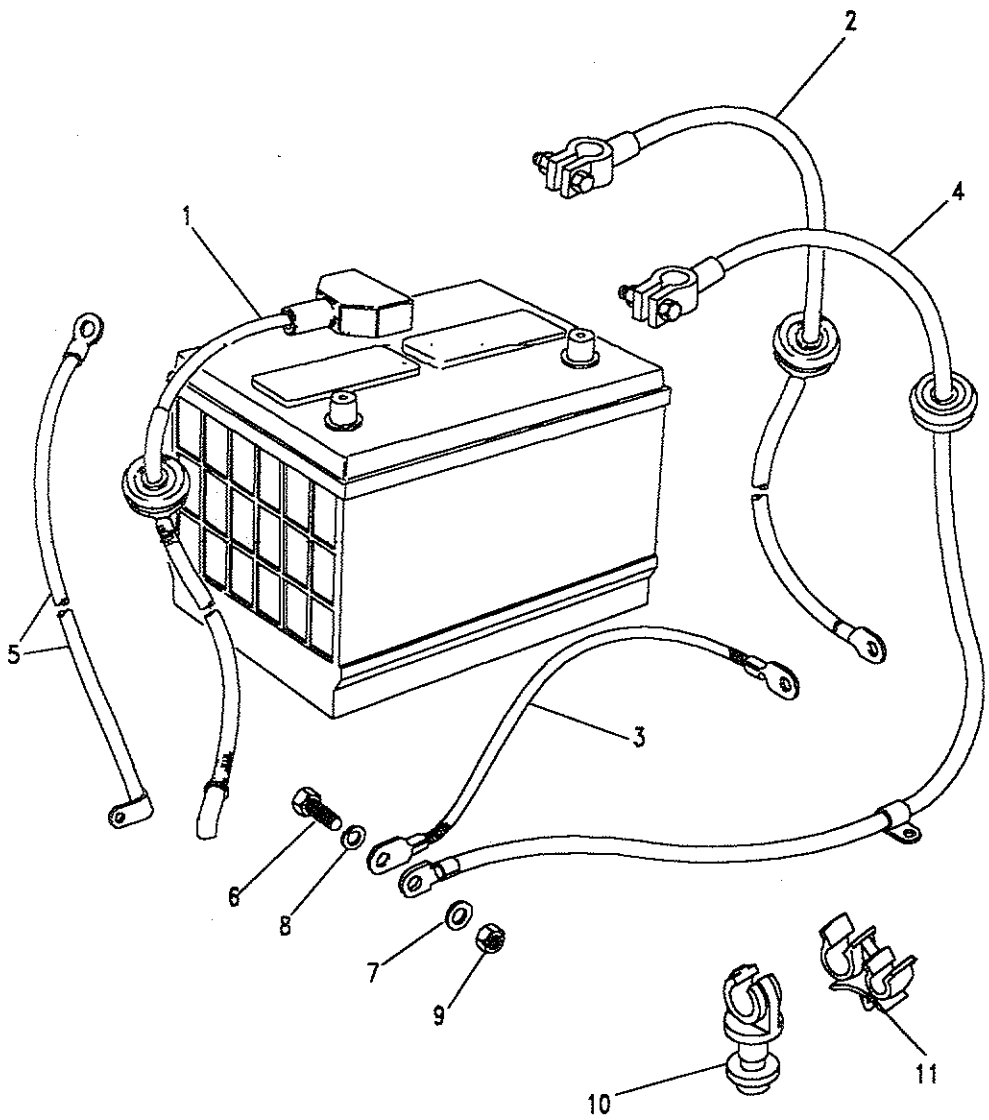



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## ELECTRICAL - BATTERY CABLES

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC1860 | Cable battery positive | 1 | 4 cyl petrol |
| | PRC2230 | Cable battery positive | 1 | V8 |
| | PRC4616 | Cable battery positive | 1 | Diesel & 200TDI |
| | AMR3104 | Cable battery positive | 1 | 300TDI |
| 2 | PRC1859 | Cable battery negative | 1 | Petrol up to VIN 270511 |
| 2 | PRC7175 | Cable battery negative | 1 | Petrol from VIN 270512 |
| 4 | PRC9226 | Cable battery negative | 1 | Petrol from HA704971 |
| 2 | PRC4333 | Cable battery negative | 1 | Diesel up to VIN 270511 |
| 2 | PRC5524 | Cable battery negative | 1 | Diesel from VIN 270512 up to HA704970 |
| 4 | PRC9224 | Cable battery negative | 1 | Diesel from HA704971 |
| 2 | PRC6785 | Cable battery negative | 1 | Petrol/Diesel Note(1) |
| 3 | PRC3625 | Cable engine/earth | 1 | Up to VIN 270511 |
| 3 | PRC5499 | Cable engine/earth | 1 | From VIN 270512 up to HA704970 |
| 5 | PRC2015 | Cable starter/earth | 1 | Diesel |

Note(1) Re-routed cable - From VIN 293222



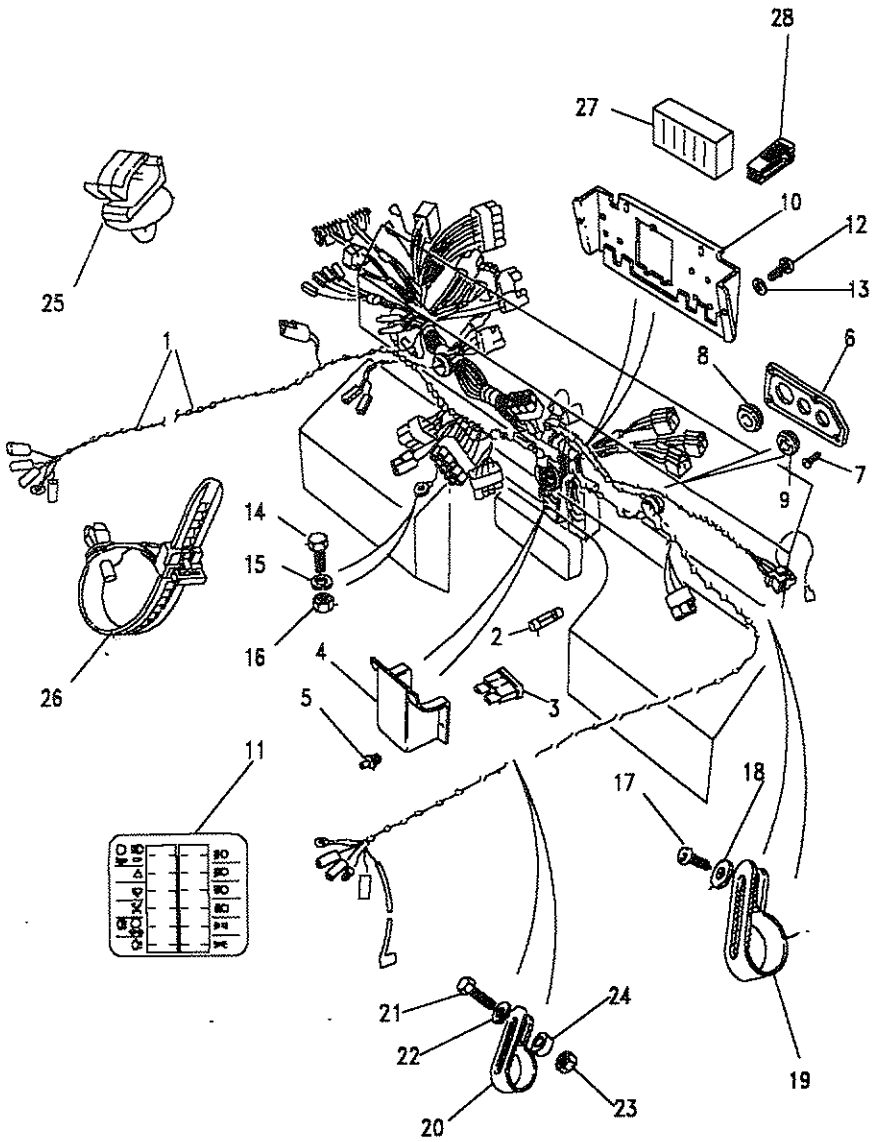

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## ELECTRICAL - BATTERY CABLES

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 6 | FS108207L | Screw | 2 | Up to VIN 270511 |
| 6 | FS108251L | Screw | 2 | From VIN 270512 |
| 7 | WA108051L | Washer plain | 2 | |
| 8 | WL108001L | Washer spring | 2 | |
| 9 | FN108041L | Nut | 2 | |
| 10 | PRC3180 | Clip retaining | 1 | Single |
| 11 | PRC3025 | Clip retaining | 2 | Double |

**Split charge vehicles only - from EA VIN prefix onwards**

| | | | | |
|---|---|---|---|---|
| 1 | AMR3843 | Cable battery - positive | 1 | Additional battery |
| 2 | AMR3844 | Cable battery - negative | 1 | Additional battery |

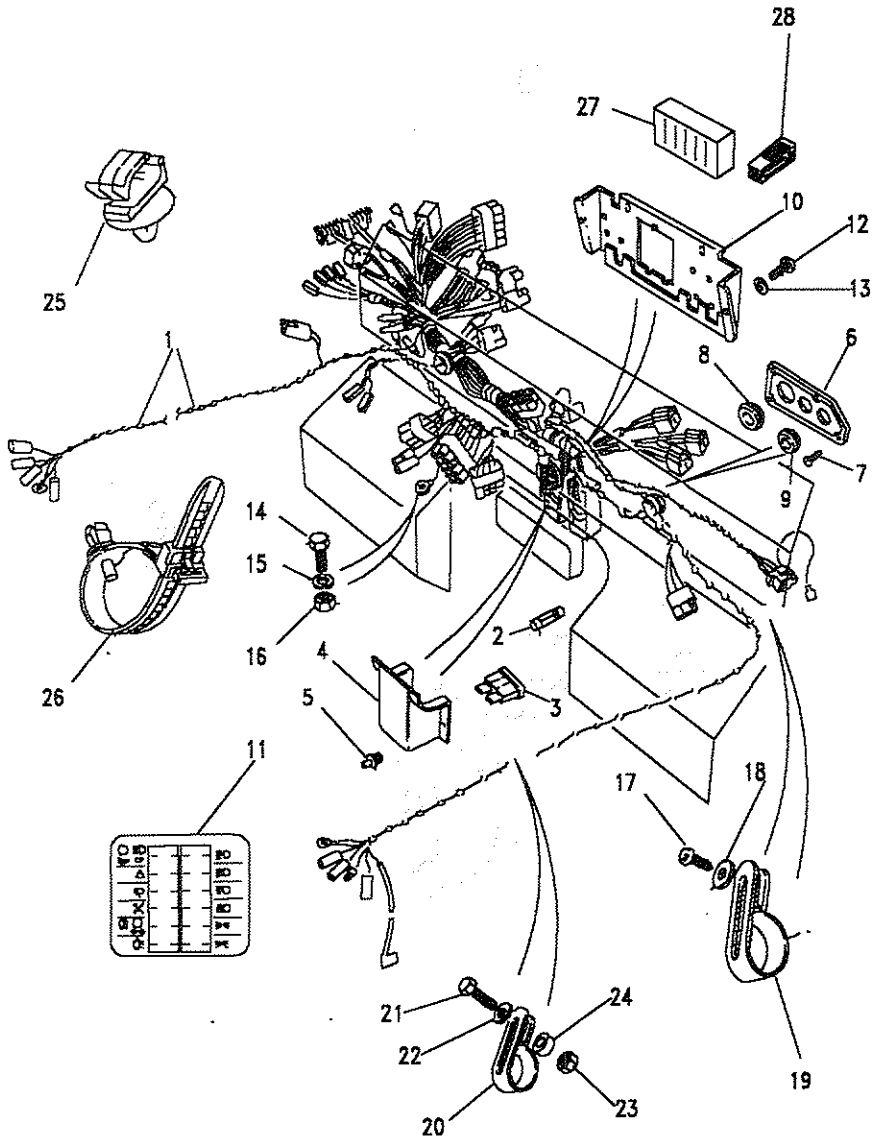



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**ELECTRICAL - MAIN HARNESS - NOTE(1)**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **2.25 Petrol only** | | | | |
| 1 | PRC3363 | Harness main | 1 | |
| **Petrol - up to FA404682** | | | | |
| 1 | PRC5319 | Harness main | 1 | Up to VIN 270226 |
| 1 | PRC6311 | Harness main | 1 | From VIN 270227 |
| **Diesel - up to FA404682** | | | | |
| 1 | PRC3969 | Harness main | 1 | Up to VIN 270483 |
| 1 | PRC5336 | Harness main | 1 | Finland,Norway, Germany up to VIN 270483 |
| 1 | PRC6311 | Harness main | 1 | From VIN 270484 |
| **All Derivatives - from FA404683 up to HA705856** | | | | |
| 1 | PRC6779 | Harness main | 1 | Up to FA424037 |
| 1 | PRC8243 | Harness main | 1 | From FA424038 up to VIN 455945 |
| 1 | PRC8385 | Harness main | 1 | From HA455946 up to HA702829 |
| 1 | PRC8868 | Harness main | 1 | From HA702830 |

Note(1) Fusebox is part of main harness and is not serviced separately.

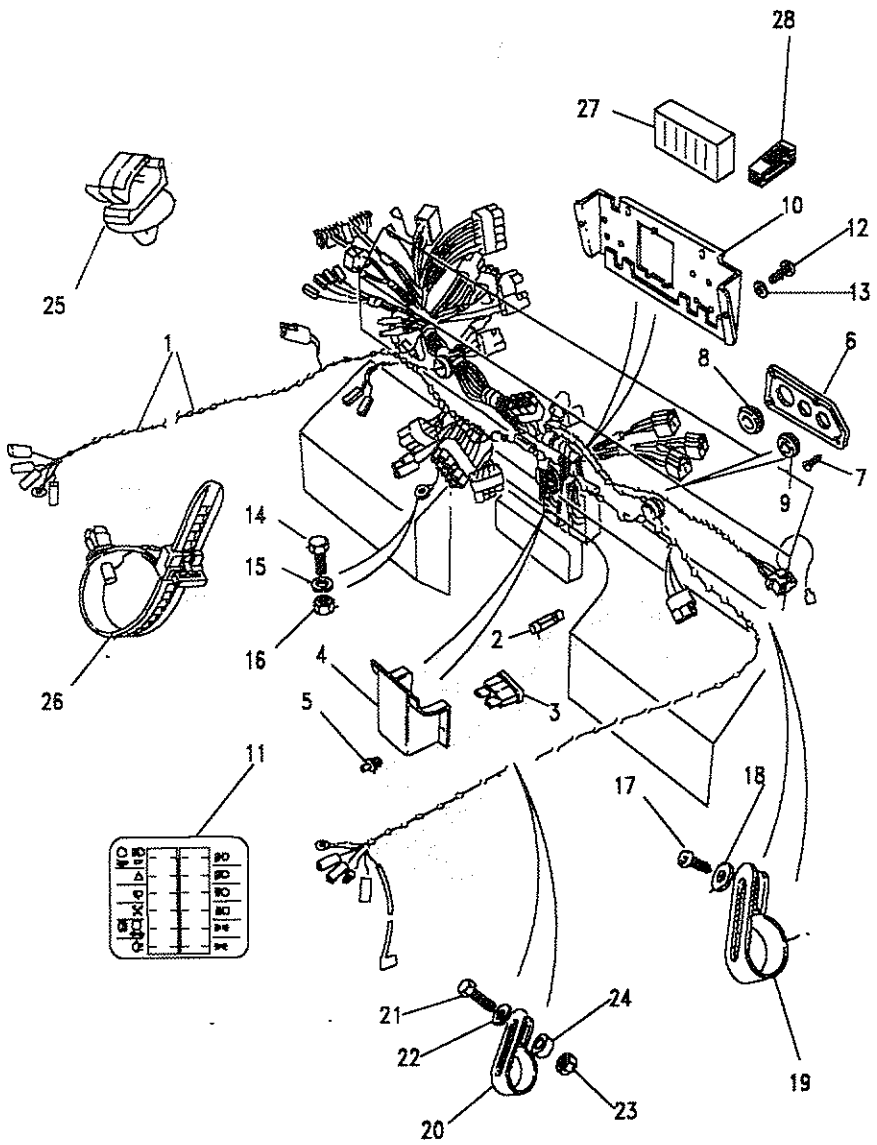



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**ELECTRICAL - MAIN HARNESS - NOTE(1)**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Petrol - From HA705857** | | | | |
| 1 | PRC9810 | Harness main | 1 | Up to JA915797 |
| | AMR1487 | Harness main | 1 | From JA915798 up to KA922208 |
| | AMR2347 | Harness main | 1 | From KA922209 up to LA939975 |
| | AMR3481 | Harness main - lowline | 1 | From MA939976 |
| | AMR3480 | Harness main - highline | 1 | From MA939976 |
| **Diesel - From HA705857** | | | | |
| 1 | PRC9809 | Harness main | 1 | Up to LA939975 |
| | AMR3482 | Harness main | 1 | From MA939976 |
| **200Tdi - From HA705857** | | | | |
| 1 | PRC9810 | Harness main | 1 | Up to JA915323 |
| 1 | AMR1488 | Harness main | 1 | From JA915324 up to KA922208 |
| 1 | AMR2348 | Harness main | 1 | From KA922209 |
| **300Tdi - From MA939976** | | | | |
| | AMR3483 | Harness main - lowline | 1 | |
| | AMR3484 | Harness main - highline | 1 | |
| **All Derivatives** | | | | |
| | C46082 | Resistor | 1 | Up to JA912940 |
| | PRC9096 | Resistor | 1 | From JA912941 |
| | AAU5034 | Diode | 1 | From HA455946 up to HA702829 |
| | AAU5034 | Diode | 3 | From HA702830 |

Note(1) Fusebox is part of main harness and is not serviced separately.

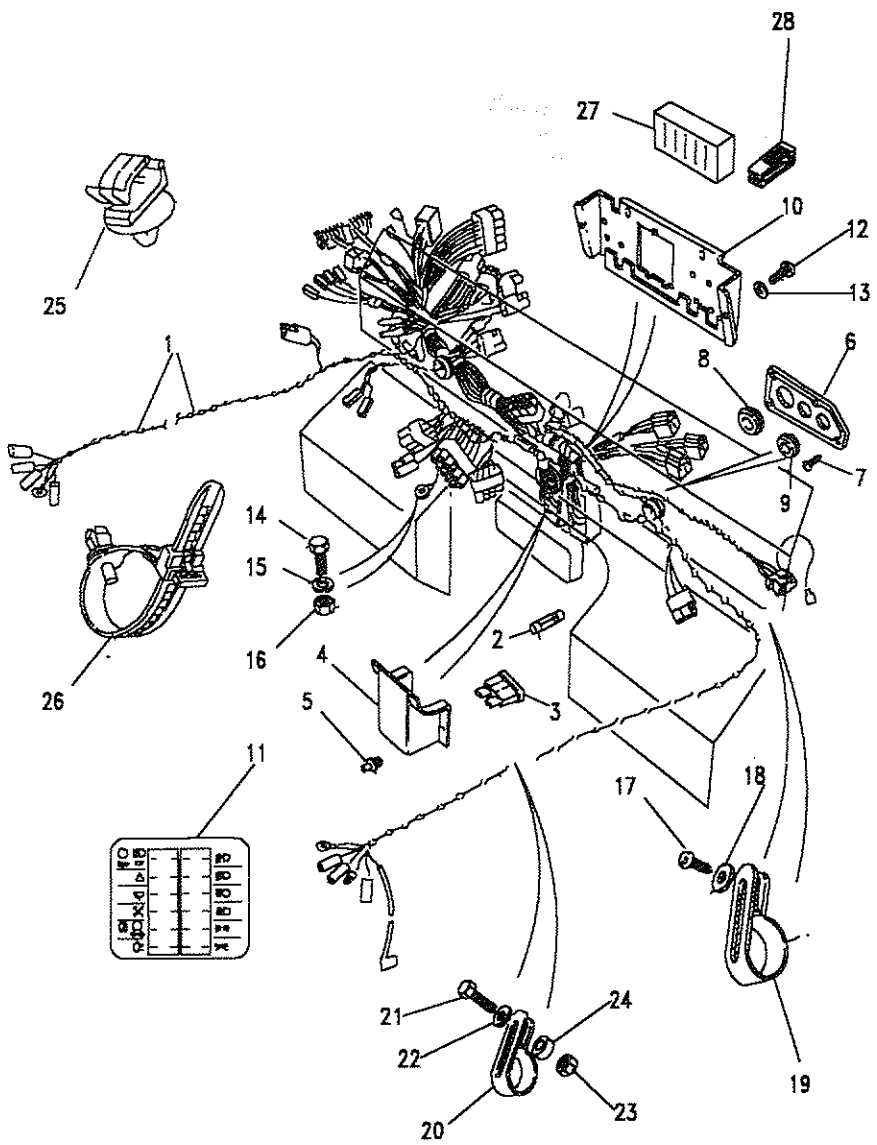



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**ELECTRICAL - MAIN HARNESS - NOTE(1)**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Fuse - Cartridge type - up to FA424037** | | | | |
| 2 | RTC4482 | Fuse 5 amp | A/R | |
| | RTC4500 | Fuse 10 amp | A/R | |
| | RTC4502 | Fuse 15 amp | A/R | |
| | RTC4785 | Fuse 20 amp | A/R | |
| | RTC4505 | Fuse 25 amp | A/R | |
| | RTC4510 | Fuse 35 amp | A/R | Air Con |
| **Fuse - Blade type - from FA424038** | | | | |
| 3 | RTC4497 | Fuse 5 amp | A/R | |
| | RTC4498 | Fuse 7.5 amp | A/R | |
| | RTC4501 | Fuse 10 amp | A/R | |
| | RTC4503 | Fuse 15 amp | A/R | |
| | RTC4504 | Fuse 20 amp | A/R | |
| 4 | PRC3037 | Cover | 1 | |
| 5 | BRC8089L | Rivet | 4 | |
| 6 | PRC1333 | Plate grommet bulkhead | 1 | Up to LA932798 |
| | AMR3098 | Plate grommet bulkhead | 1 | From LA932798 |
| 7 | AB610051L | Screw | 8 | |
| 8 | BD155888 | Plug sealing | 1 | Up to LA932798 |
| 9 | 338023 | Plug sealing | 2 | Up to LA932798 |
| 10 | PRC2443 | Panel mounting | 1 | Up to FA424037 |
| | PRC8072 | Panel mounting | 1 | From FA424037 up to LA933817 |
| | AMR3138 | Panel mounting | 1 | From LA933818 |

Note(1) Fusebox is part of main harness and is not serviced separately.

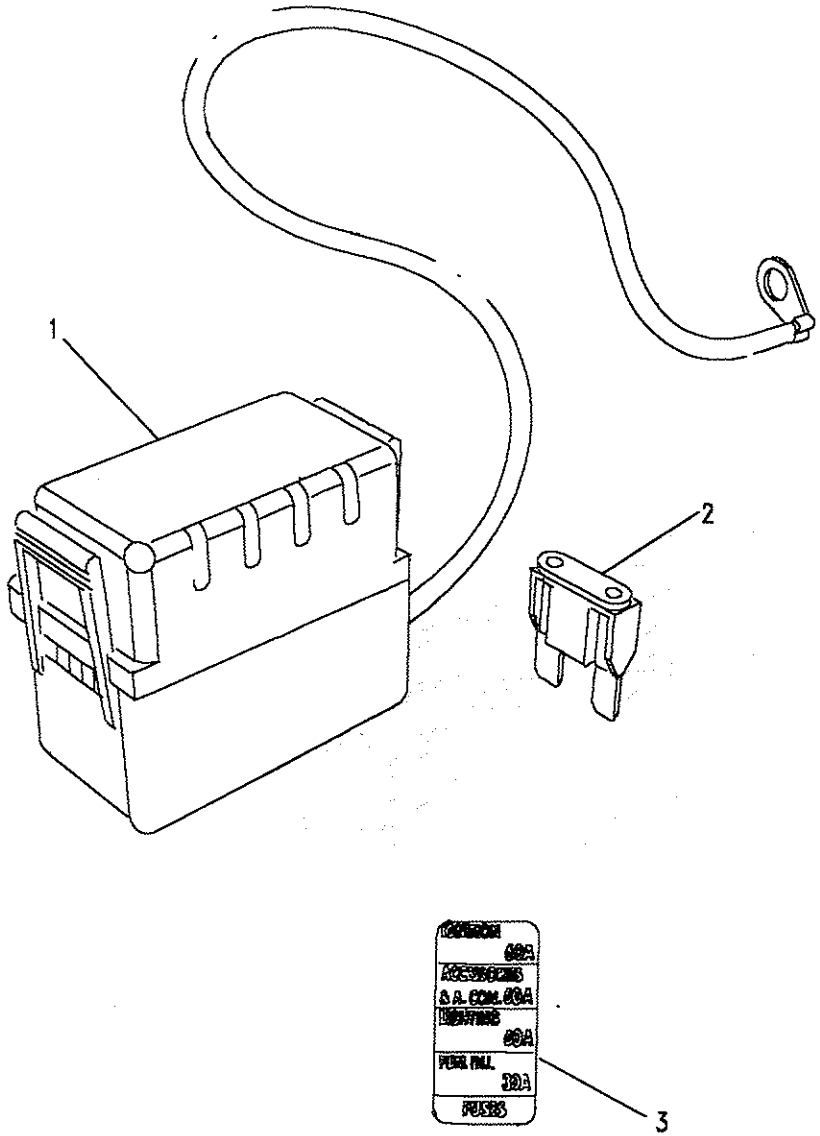



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**ELECTRICAL - MAIN HARNESS - NOTE(1)**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 11 | PRC3389 | Label fuse | 1 | Up to VIN 270226 |
| | PRC5670 | Label fuse | 1 | From VIN 270227 up to FA424037 |
| | PRC8245 | Label fuse | 1 | From FA424038 up to HA705856 |
| | PRC9902 | Label fuse | 1 | From HA705857 up to LA939975 |
| | AMR3771 | Label fuse | 1 | From MA939976 |
| 12 | SE106121L | Screw | 2 | |
| 13 | WF600041L | Washer shakeproof | 2 | |
| 14 | SH106121L | Screw | 1 | |
| 15 | WL106001L | Washer spring | 1 | |
| 16 | NH106041L | Nut | 1 | |
| 17 | AB608047 | Screw | 1 | |
| 18 | 4034L | Washer plain | 1 | |
| 19 | C39377L | Strap cable | 1 | |
| 20 | C39377L | Strap cable | 2 | |
| 21 | SH106121L | Screw | 1 | |
| | FS106201L | Flange screw | 2 | |
| 22 | WL106001L | Washer spring | 3 | |
| 23 | NH106041L | Nut | 3 | |
| 24 | 390939 | Spacer | 2 | From HA455946 |
| 25 | AFU1090L | Clip retaining | A/R | |
| 26 | AAU3686 | Strap cable | A/R | |
| 27 | HAM4301L | Holder fuse | 1 | )From FA424038 |
| 28 | PRC4412 | Extractor fuse | 1 | )Note(2) |

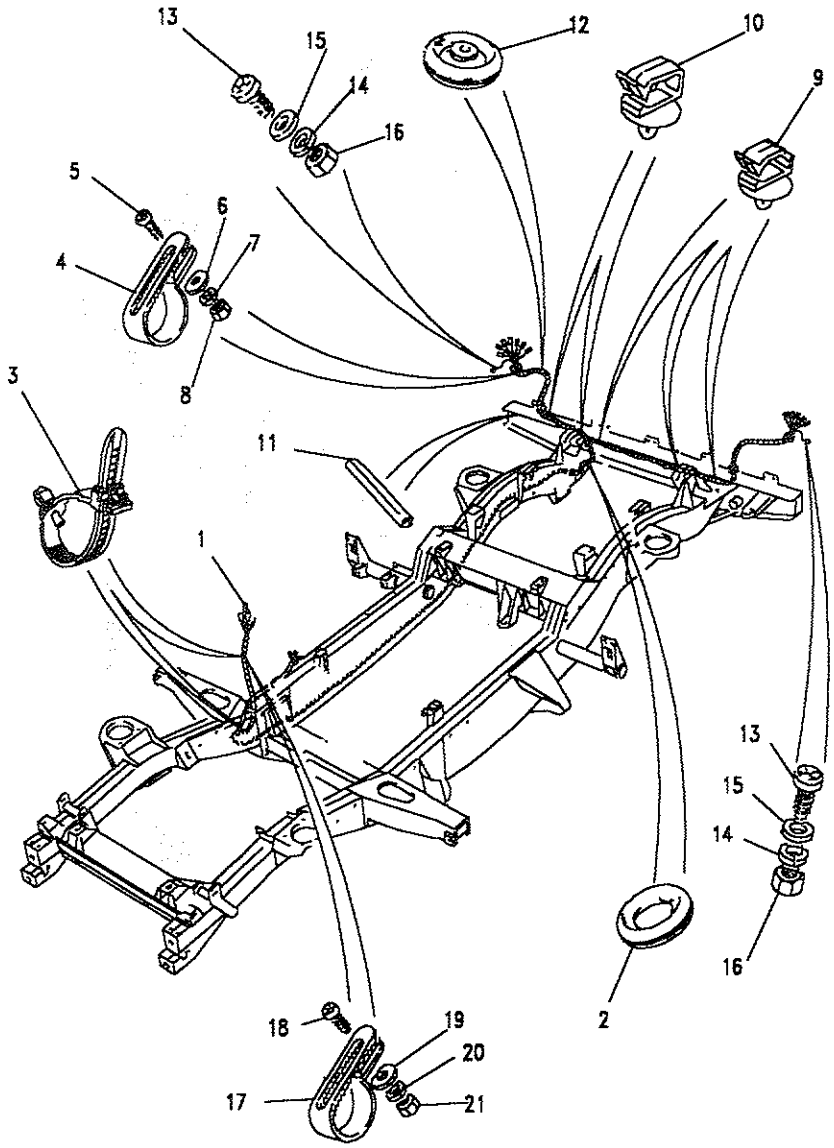
Note(1) Fusebox is part of main harness and is not serviced separately.
Note(2) Attached to underside of fuse box cover.




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## ELECTRICAL - UNDER BONNET FUSE BOX - FROM MA939976

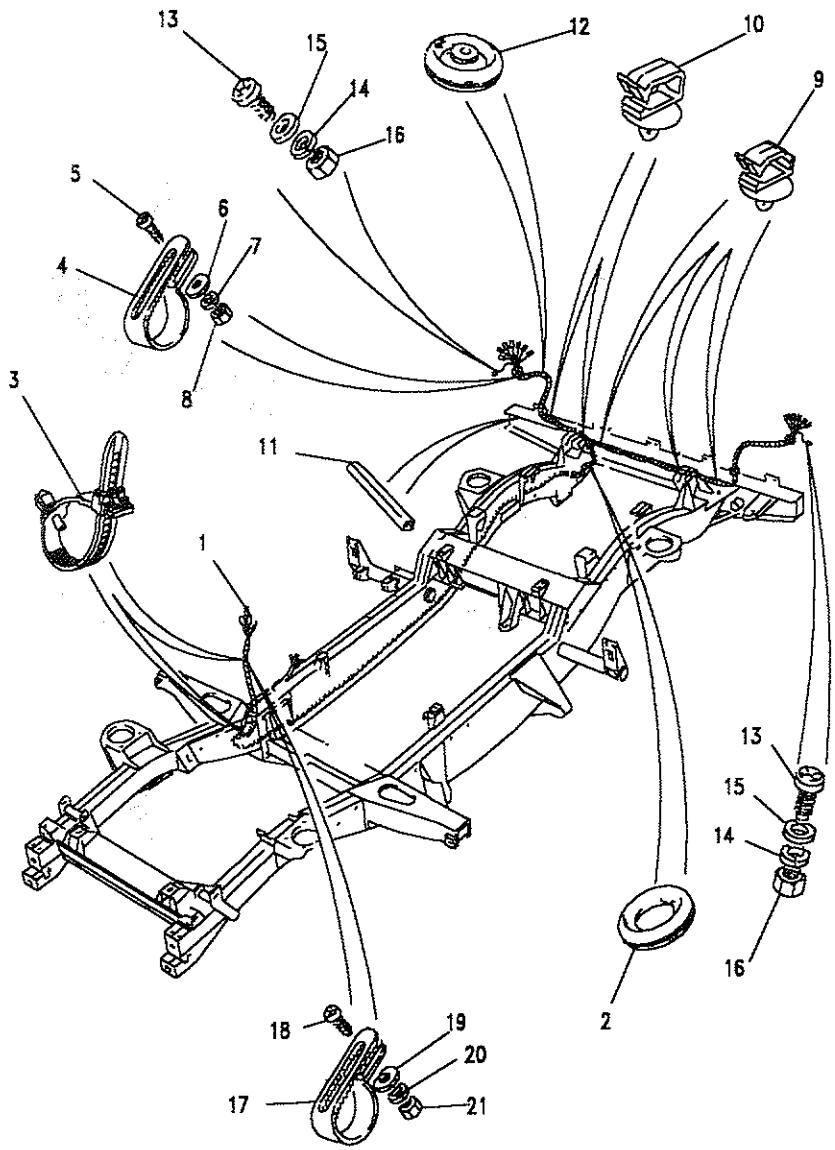
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | AMR1637 | Fuse box underbonnet | 1 | V8 |
| | AMR2983 | Fuse box underbonnet | 1 | 4cyl. |
| **Fuse options** | | | | |
| 2 | YQG10007 | Fuse 20A - yellow | A/R | HRW |
| | YQG10008 | Fuse 30A - green | A/R | Pl/lighting |
| | YQG10011L | Fuse 60A - blue | A/R | Ign/gl.pl./air con. |
| 3 | | Label fuse | 1 | NSP |




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## ELECTRICAL - CHASSIS HARNESS

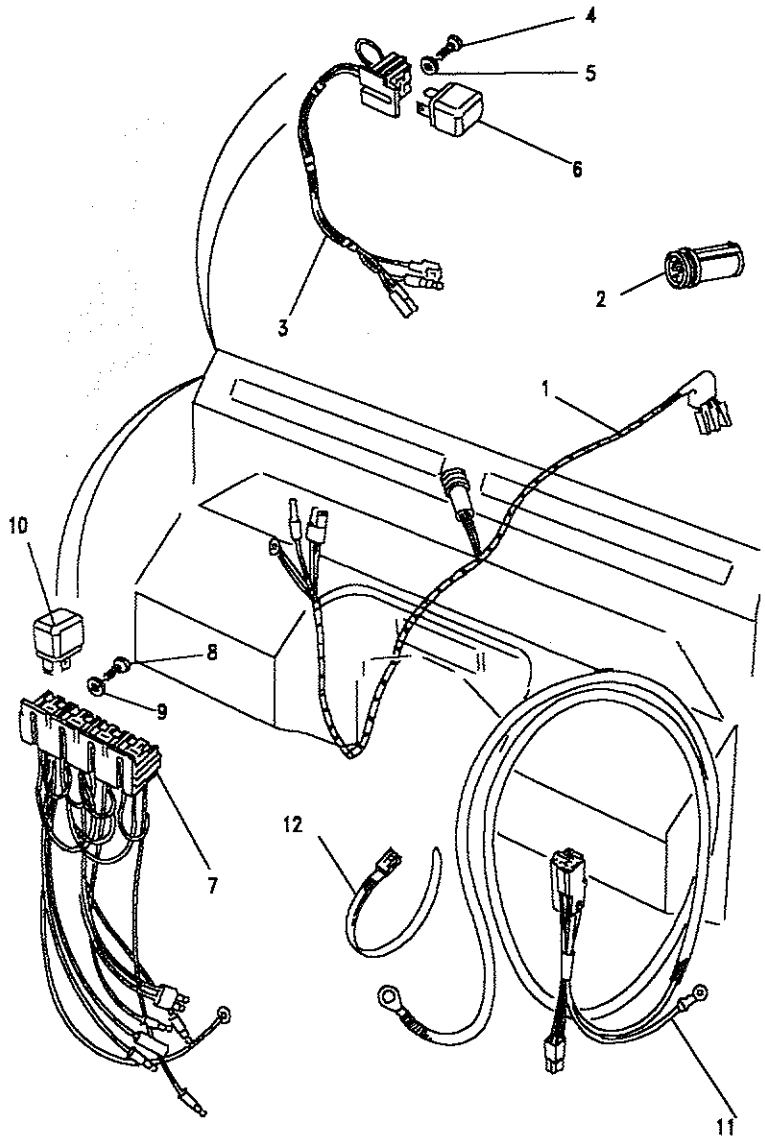
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **With chassis mounted fuel pump - up to VIN 243342** | | | | |
| 1 | PRC3209 | Harness chassis | 1 | |
| | PRC4590 | Harness chassis | 1 | With HRW/RWW |
| **With in-tank fuel pump - from VIN 243343 - without heated rear window** | | | | |
| | PRC4970 | Harness chassis | 1 | Up to VIN 344778 |
| | PRC7003 | Harness chassis | 1 | From VIN 344779 up to HA903278 |
| | PRC8870 | Harness chassis | 1 | From HA903279 (up to JA915357 diesel only) |
| | AMR1491 | Harness chassis - diesel | 1 | From JA915358 up to LA939975 |
| | AMR3448 | Harness chassis - pet/die | 1 | From MA939976 |
| **With in-tank fuel pump - from VIN 243343 - with heated rear window** | | | | |
| | PRC4993 | Harness chassis | 1 | Up to VIN 343944 Up to VIN 343944 |
| | PRC7004 | Harness chassis | 1 | From VIN 343945 up to HA702830 |
| | PRC8869 | Harness chassis | 1 | From HA702831 (up to JA915353 diesel only) |
| | AMR1492 | Harness chassis - diesel | 1 | From JA915354 up to LA939975 |
| | AMR3449 | Harness chassis - pet/die | 1 | From MA939976 |




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## ELECTRICAL - CHASSIS HARNESS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 2 | 589452 | Grommet | 1 | |
| 3 | AAU3686 | Strap cable | 2 | |
| 4 | C39377L | lip retaining | 1 | |
| 5 | SE105121L | Screw | 1 | |
| 6 | WJ105001L | Washer plain | 1 | |
| 7 | WL105001L | Washer spring | 1 | |
| 8 | NH105041L | Nut | 1 | |
| 9 | AFU1090L | Clip cable | 3 | |
| 10 | PRC3537 | Clip | 1 | NLS |
| 11 | 570753 | Finisher edge | 2 | |
| 12 | 269257 | Grommet | 1 | |
| 13 | SE105121L | Screw | 2 | |
| 14 | WM702001L | Washer spring | 2 | |
| 15 | WA105001L | Washer plain | 2 | |
| 16 | NH105041L | Nut | 2 | |
| 17 | C393771L | Strap cable | 1 | |
| 18 | SE105121L | Screw | 1 | |
| 19 | WJ105001L | Washer plain | 1 | |
| 20 | WL105001L | Washer spring | 1 | |
| 21 | NH105041L | Nut | 1 | |
| | PRC8928 | Lead link -overtemp sw to ch harnss | 1 | From HA703223 |

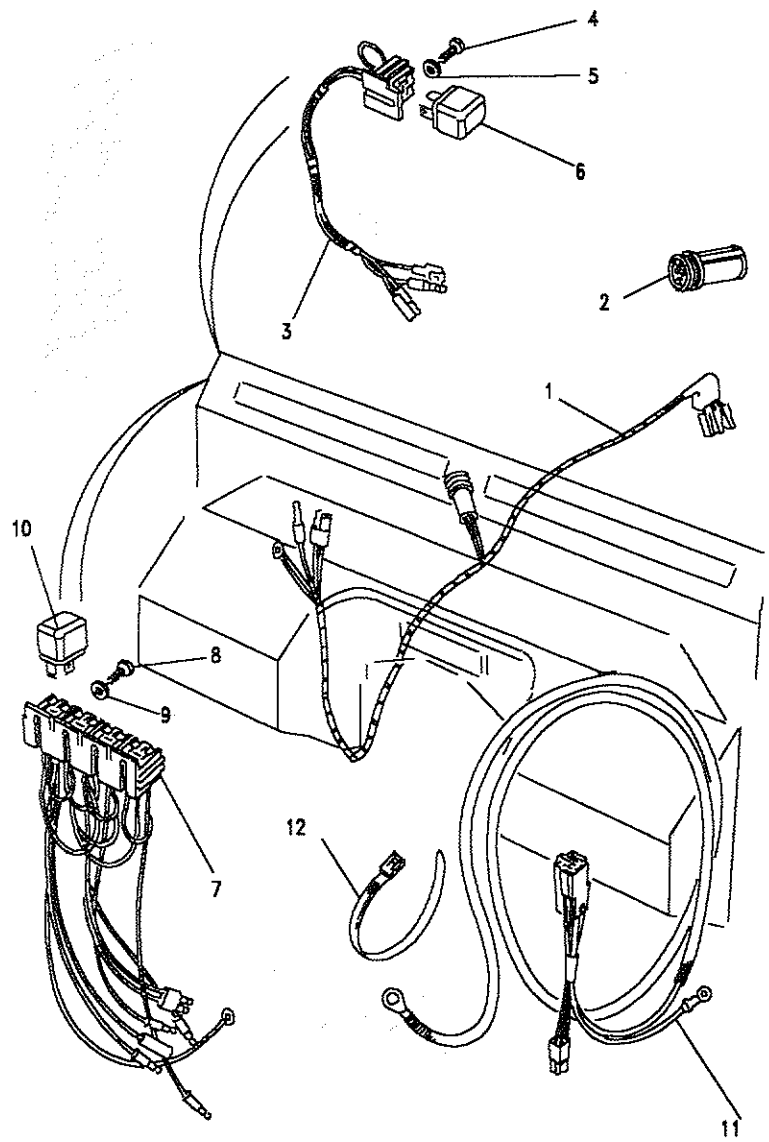



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**ELECTRICAL - HARNESS - FUEL SYSTEM**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Petrol - with in-tank fuel pump from VIN 243343** | | | | |
| 1 | PRC5604 | Harness-fuel tank | 1 | Up to VIN 345761 |
| | PRC7001 | Harness-fuel tank | 1 | From VIN 345762 up to HA703459 |
| | PRC9330 | Harness-fuel tank | 1 | From HA703460 up to LA939975 |
| | AMR3042 | Harness fuel tank | 1 | From MA939976 |
| **Diesel - with in-tank fuel pump from VIN 243343** | | | | |
| | PRC5601 | Harness-fuel tank | 1 | Up to VIN 343944 |
| | PRC7009 | Harness-fuel tank | 1 | From VIN 343945 up to HA702795 |
| | PRC9333 | Harness-fuel tank | 1 | From HA702796 up to LA939975 |
| | AMR3041 | Harness fuel tank | 1 | From MA939976 |
| 2 | RTC6545 | Connector | 1 | Note(1) |

Note(1) To convert PRC5604 where necessary.

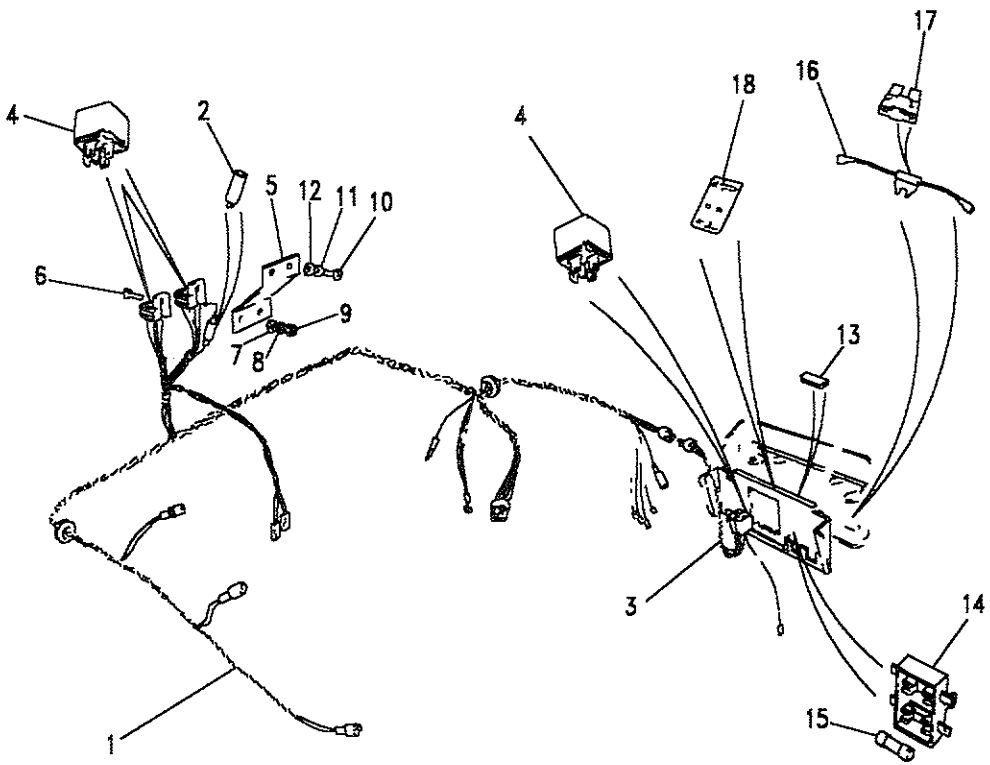



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## ELECTRICAL - HARNESS - FUEL SYSTEM

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 3 | PRC7851 | Harness<br>-fuel pump isolation | 1 | From FA392009<br>up to FA404682 |
| 4 | AB608031L | Screw | 1 | |
| 5 | WA105001L | Washer plain | 1 | |
| 6 | YWB10032L | Relay | 1 | |
| 7 | PRC5123 | Harness<br>-daylight running lights | 1 | Norway<br>up to VIN 270226 |
| | PRC5680 | Harness<br>-daylight running lights | 1 | Norway<br>from VIN 270227 |
| 8 | AB608031L | Screw | 2 | |
| 9 | WA105001L | Washer plain | 2 | |
| 10 | YWB10032L | Relay | 4 | |
| **Cable - glow plug timer** | | | | |
| 11 | PRC6083 | Cable-glow plug timer | 1 | From HA455946<br>up to note(1) |
| 12 | 568680 | Cable tie | 5 | From HA455946 |
| **Cable - volt sensitive switch** | | | | |
| | AMR2351 | Cable - volt sens. sw. | 1 | From KA922209 |

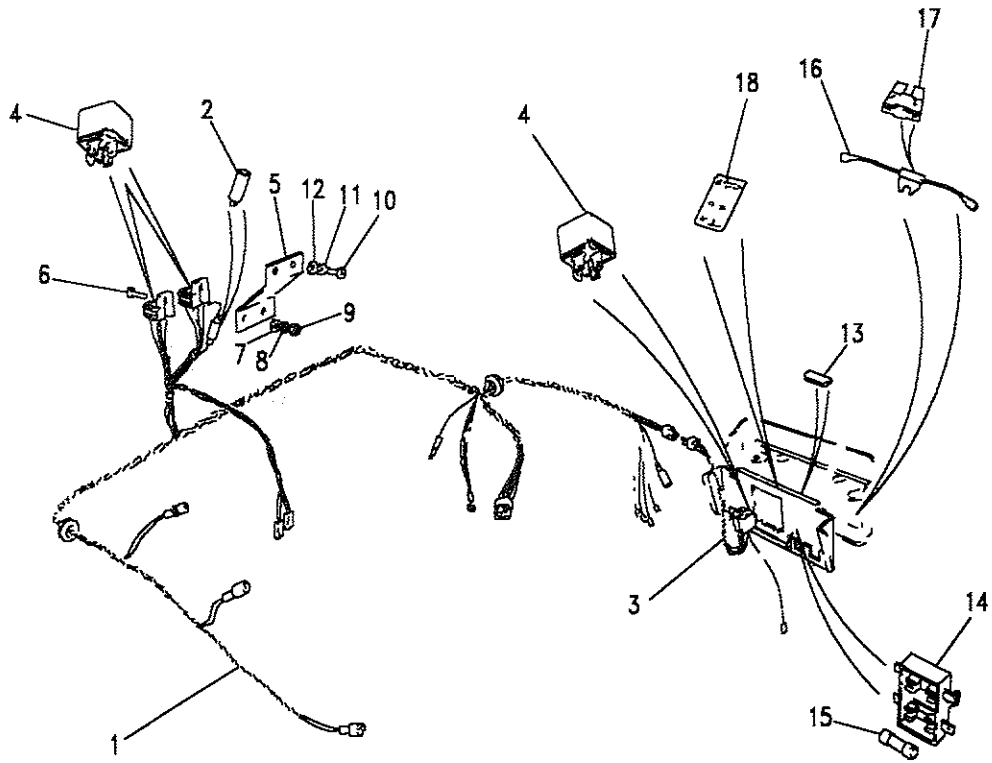
Note(1) Glow plug timer cable incorporated into main harness.




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## ELECTRICAL - AIR CONDITIONING ELECTRICS

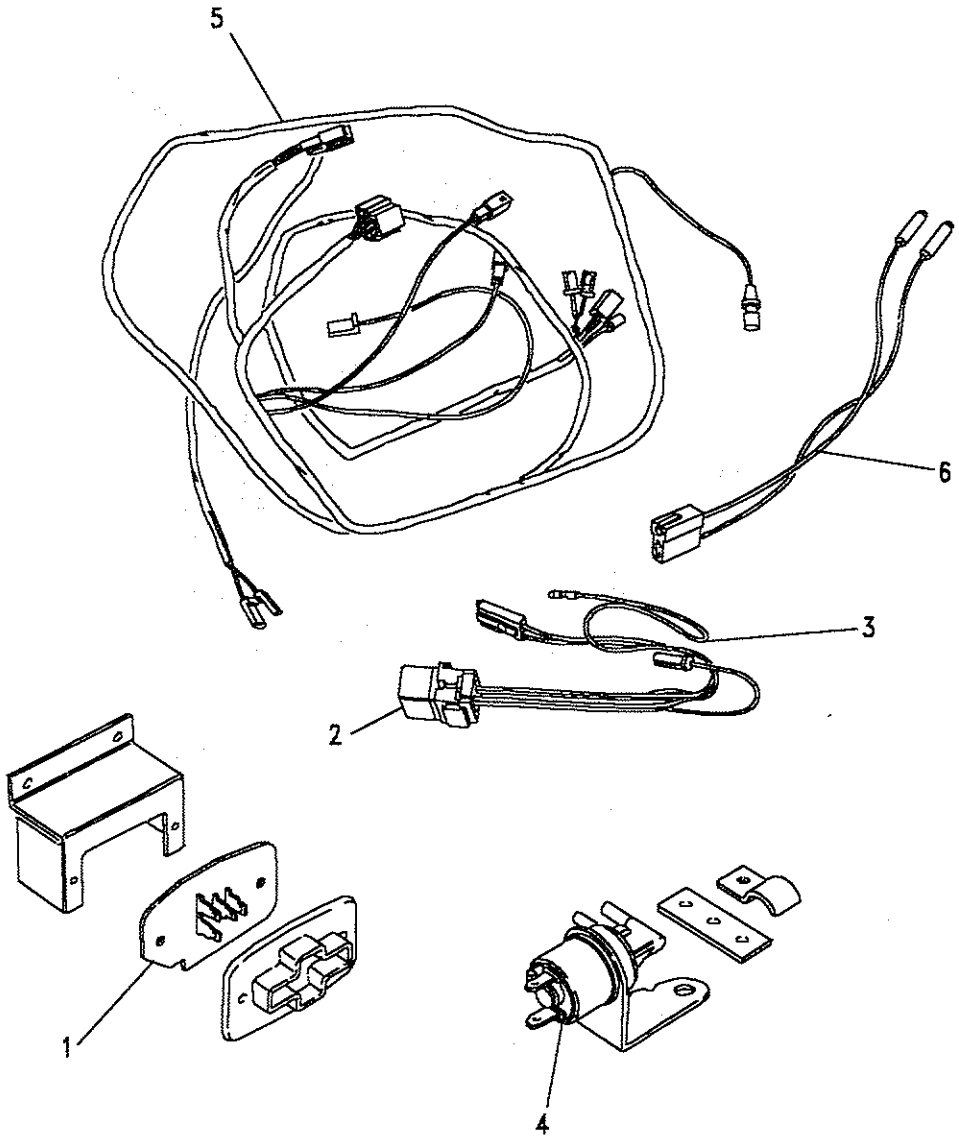
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC4208 | Cable main fans | 1 | Up to FA424037 |
| | PRC7277 | Cable main fans | 1 | From FA424038 up to HA903558 |
| | PRC9324 | Cable main fans | 1 | From HA903559 up to LA939975 |
| | AMR2976 | Cable main fans | 1 | From MA939976 |
| 2 | AAU5034 | Diode | 1 | |
| 3 | PRC3905 | Cable relay extension | 1 | Up to VIN 455945 |
| | PRC9325 | Cable relay extension | 1 | From HA455946 up to LA939975 |
| | AMR2977 | Cable relay extension | 1 | From MA939976 |
| **Upto VIN HA703459** | | | | |
| 4 | YWB10032L | Relay | 1 | Blower fan |
| | YWB10032L | Relay | 1 | Condenser fan |
| | YWB10032L | Relay | 1 | Comp clutch |
| **From VIN HA703460** | | | | |
| 4 | YWB10027L | Relay | 1 | Blower fan |
| | YWB10027L | Relay | 1 | Condenser fan |
| | YWB10027L | Relay | 1 | Comp clutch |
| 5 | PRC3738 | Bracket support | 1 | NLS |
| 6 | SE105121L | Screw | 2 | |
| 7 | WA105001L | Washer plain | 2 | |
| 8 | WL105001L | Washer spring | 2 | |
| 9 | NM105011 | Nut | 2 | |
| 10 | SE105121L | Screw | 2 | |
| 11 | WA105001L | Washer plain | 2 | |
| 12 | WL105001L | Washer spring | 2 | |
| 13 | DRC1530 | Finisher edge | A/R | |




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**ELECTRICAL - AIR CONDITIONING ELECTRICS**

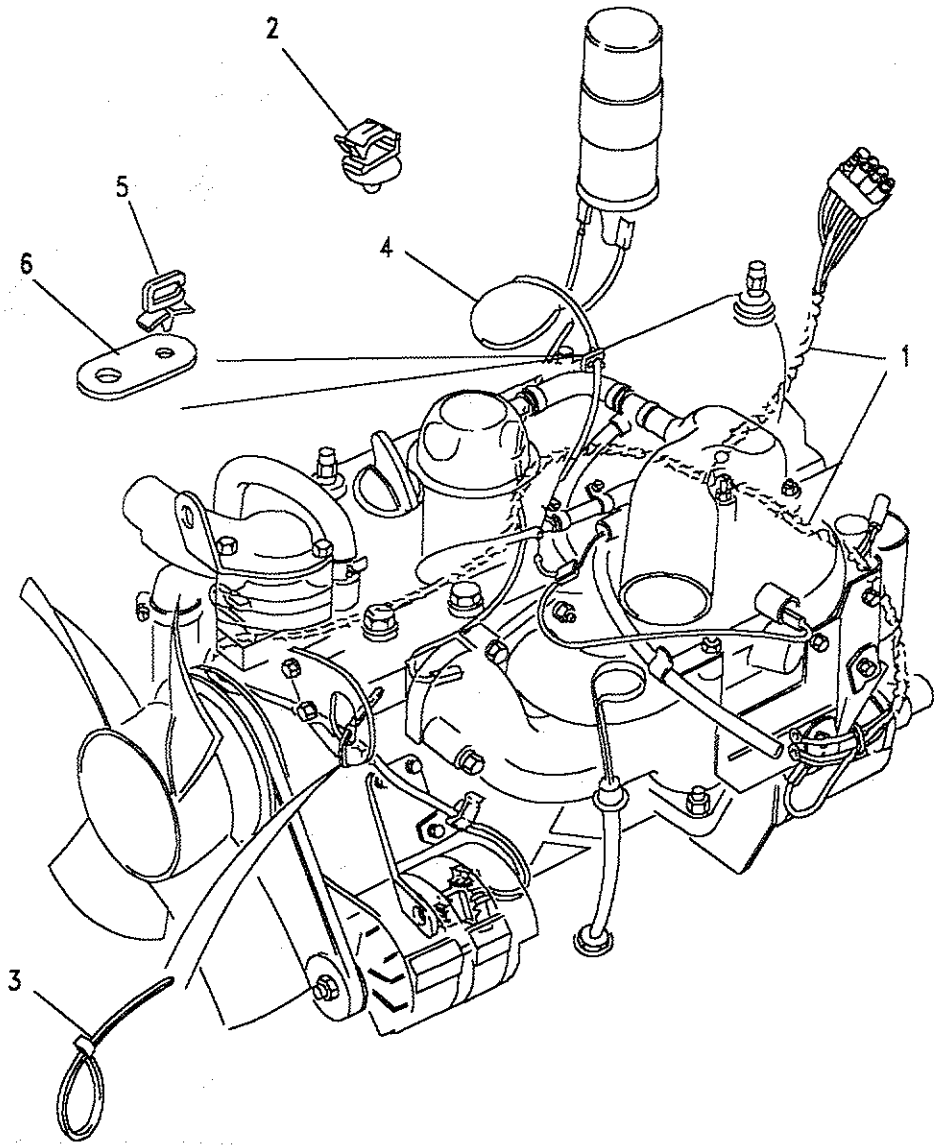
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 14 | PRC3737 | Fusebox | 1 | Up to FA424037 |
| 15 | RTC4510 | Fuse 35 amp | 1 | Condenser fans up to FA424037 |
| | RTC4500 | Fuse 10 amp | 1 | Clutch up to FA424037 |
| 16 | PRC4311 | Inline fuse | 1 | |
| 17 | RTC4507 | Fuse 30 amp | 1 | |
| 18 | PRC4306 | Label fuse | 1 | Up to FA424037 |




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**AIR CONDITIONING - ELECTRICAL PARTS - RHS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | AEU1747 | Resistor | 1 | |
| 2 | RTC7454 | Relay | 1 | |
| 3 | MUC1676 | Harness relay | 1 | |
| 4 | MUC1678 | Solenoid vacuum | 1 | |
| 5 | MUC1672 | Harness air con | 1 | |
| 6 | MUC1677 | Harness lighting | 1 | |

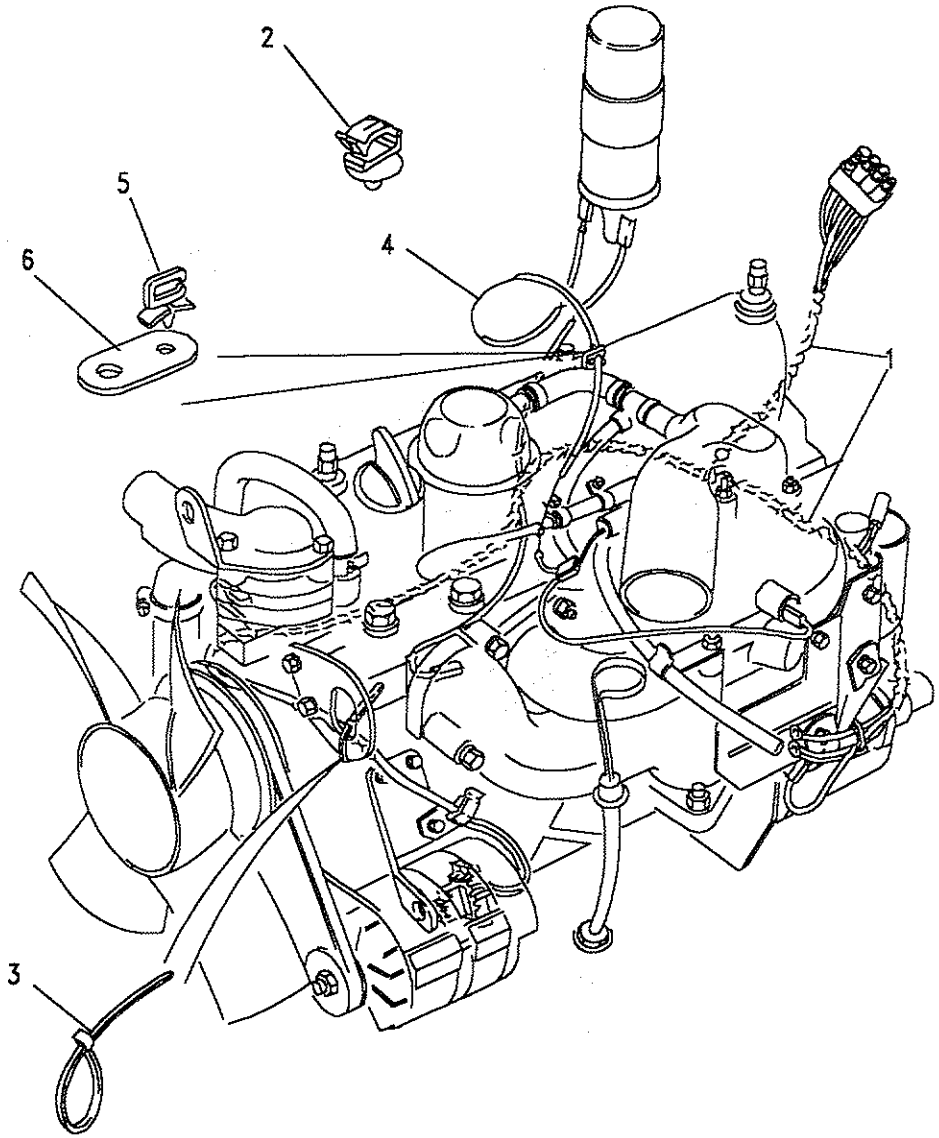



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## ELECTRICAL - ENGINE HARNESS - 2.25 PETROL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to engine number 11H05638C** | | | | |
| 1 | PRC4019 | Harness engine - 34A | 1 | Standard |
| | PRC4020 | Harness engine - 45A | 1 | Optional |
| | PRC4021 | Harness engine - 65A | 1 | Optional |
| | PRC4096 | Harness engine - 65A | 1 | Air Con. |
| **From engine number 11H05639C** | | | | |
| | PRC4785 | Harness engine - 45A | 1 | Standard |
| | PRC4021 | Harness engine - 65A | 1 | Optional |
| | PRC4096 | Harness engine - 65A | 1 | Air Con. |
| 2 | 568680 | Cable Clip | 1 | |
| | AFU1090L | Cable Clip | 4 | |
| 3 | RTC3772 | Cable Cleat | 2 | |
| 4 | PRC4376 | Lead-Coil to Fuel Shutoff Solenoid | 1 | |
| 5 | PRC3702 | Clip | 1 | |
| 6 | PRC3494 | Mounting Plate-Clip | 1 | |

Note(1) For split charge engine harness see split charge components.

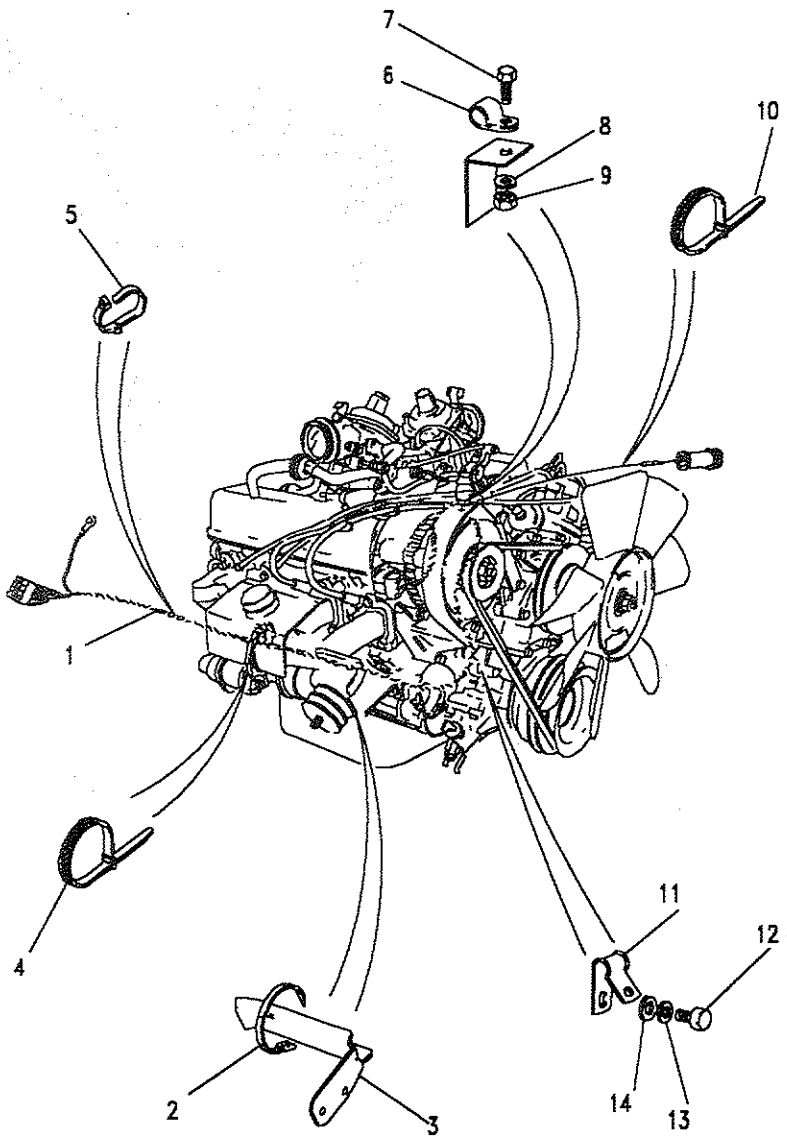



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**ELECTRICAL - ENGINE HARNESS - 2.5 PETROL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to November 1989** | | | | |
| 1 | PRC4785 | Harness engine - 45A | 1 | Standard |
| | PRC4021 | Harness engine - 65A | 1 | Optional |
| | PRC4096 | Harness engine - 65A | 1 | Air Con. |
| **From November 1989 up to November 1992** | | | | |
| | PRC6080 | Harness engine - 45A | 1 | Standard |
| | PRC6082 | Harness engine - 65A | 1 | Optional |
| | PRC6081 | Harness engine - 65A | 1 | Air Con. |
| **From November 1992 up to LA939975** | | | | |
| | PRC6082 | Harness engine - 65A | 1 | Standard |
| | PRC6081 | Harness engine - 65A | 1 | Air Con. |
| **From MA939976 up to MA949874** | | | | |
| | AMR2962 | Harness engine - 65A | 1 | Standard |
| | AMR2982 | Harness engine - 65A | 1 | Air Con. |
| **From MA949875** | | | | |
| | AMR4027 | Harness engine - 65A | 1 | Standard |
| | AMR4029 | Harness engine - 65A | 1 | Air Con. |
| 2 | 568680 | Cable Clip | 1 | |
| | AFU1090L | Cable Clip | 4 | |
| 3 | RTC3772 | Cable Cleat | 2 | |
| 4 | PRC4376 | Lead-Coil to Fuel Shutoff Solenoid | 1 | |
| 5 | PRC3702 | Clip | 1 | |
| 6 | PRC3494 | Mounting Plate-Clip | 1 | |

Note(1) For split charge engine harness see split charge components.

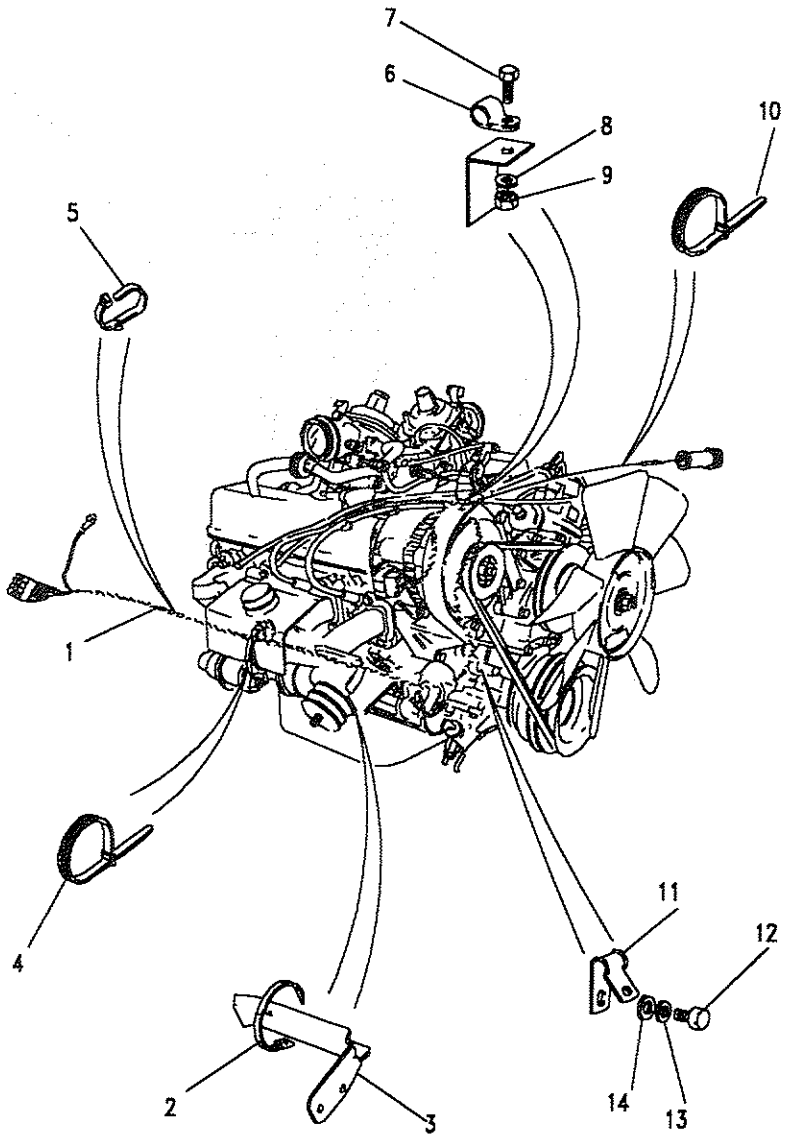



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## ELECTRICAL - ENGINE HARNESS - V8

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with fuel pump attached to the chassis** | | | | |
| 1 | PRC4952 | Harness engine | 1 | Standard |
| | PRC4954 | Harness engine | 1 | Air Con. |
| **Vehicles with in tank fuel pump - up to VIN 276551** | | | | |
| | PRC4994 | Harness engine - 45A | 1 | Standard |
| | PRC4996 | Harness engine - 65A | 1 | Optional |
| | PRC4996 | Harness engine - 65A | 1 | Air Con. |
| **Vehicles from VIN 276552 up to November 1992** | | | | |
| | PRC4994 | Harness engine - 45A | 1 | Standard |
| | PRC5877 | Harness engine - 65A | 1 | Optional |
| | PRC5878 | Harness engine - 65A | 1 | Air Con. |
| **From November 1992 (engine number 24G10808A) up to LA939975** | | | | |
| | PRC5877 | Harness engine - 65A | 1 | Standard |
| | PRC5878 | Harness engine - 65A | 1 | Air Con. |
| **From MA939976 up to MA949974** | | | | |
| | AMR2959 | Harness engine - 65A | 1 | Standard |
| | AMR2981 | Harness engine - 65A | 1 | Air Con. |
| **From MA949975** | | | | |
| | AMR4023 | Harness engine - 65A | 1 | Standard |
| | AMR4025 | Harness engine - 65A | 1 | Air Con. |

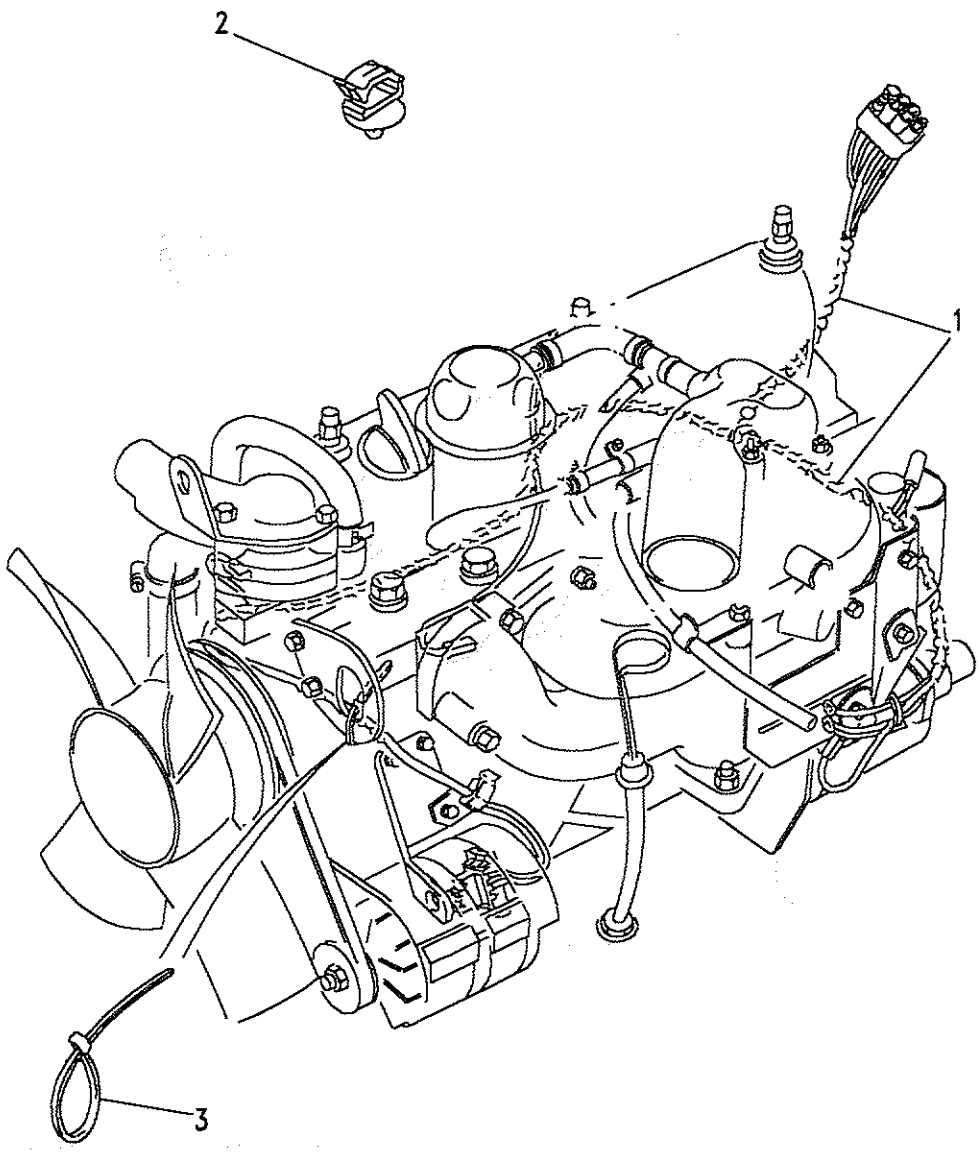
Note(1) For split charge engine harness see split charge components.




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**ELECTRICAL - ENGINE HARNESS - V8**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 2 | RTC3772 | Cable Cleat | 2 | |
| 3 | PRC1794 | Support Bracket-Cable | 1 | |
| 4 | 568680 | Cable Cleat | 1 | |
| 5 | AAU3686 | Cable Cleat | 1 | |
| 6 | CP105061 | P Clip | 1 | |
| 7 | SH105161L | Screw | 1 | |
| 8 | WL105001L | Spring Washer | 1 | |
| 9 | NH105041L | Nut | 1 | |
| 10 | 573246 | Cable Tie | 2 | |
| 11 | CP108081L | P Clip | 1 | |
| 12 | SH505051L | Screw | 1 | |
| 13 | WM600051L | Spring Washer | 1 | |
| 14 | WA108051L | Plain Washer | 1 | |

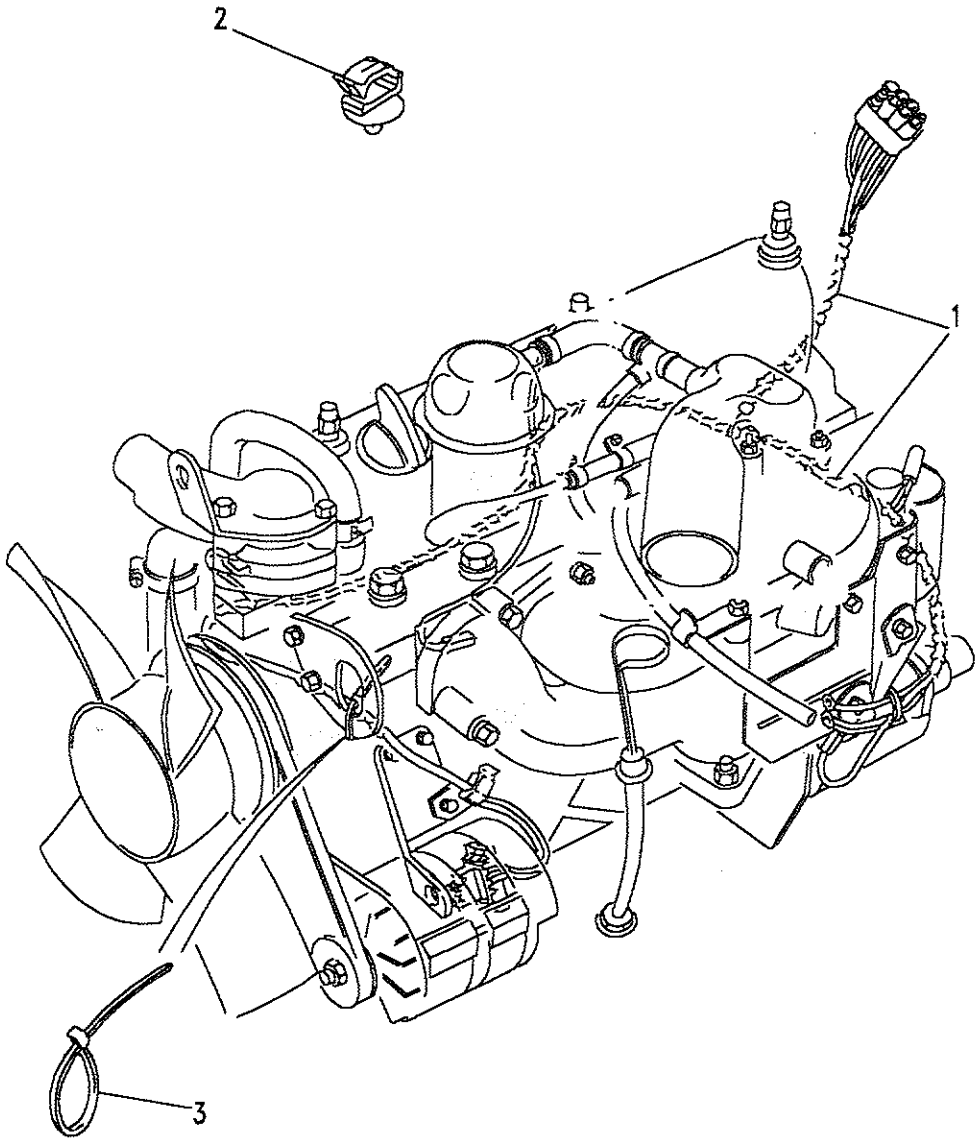



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## ELECTRICAL - ENGINE HARNESS - DIESEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to November 1989** | | | | |
| 1 | PRC4785 | Harness engine - 45A | 1 | Standard |
| | PRC4021 | Harness engine - 65A | 1 | Optional |
| | PRC4096 | Harness engine - 65A | 1 | Air Con. |
| **From November 1989 up to November 1992** | | | | |
| | PRC6080 | Harness engine - 45A | 1 | Standard |
| | PRC6082 | Harness engine - 65A | 1 | Optional |
| | PRC6081 | Harness engine - 65A | 1 | Air Con. |
| **From November 1992 up to LA939975** | | | | |
| | PRC6082 | Harness engine - 65A | 1 | Standard |
| | PRC6081 | Harness engine - 65A | 1 | Air Con. |
| **From MA939976 up to MA949874** | | | | |
| | AMR2962 | Harness engine - 65A | 1 | Standard |
| | AMR2982 | Harness engine - 65A | 1 | Air Con. |
| **From MA949875** | | | | |
| | AMR4027 | Harness engine - 65A | 1 | Standard |
| | AMR4029 | Harness engine - 65A | 1 | Air Con. |
| 2 | 568680 | Cable Clip | 1 | |
| | AFU1090L | Cable Clip | 4 | Upto Nov 1989 |
| | AFU1090L | Cable Clip | 5 | From Nov 1989 |
| 3 | RTC3772 | Cable Cleat | 2 | |
| | ERC9404 | Mounting Bracket | 4 | From Nov 1989 |
| | ERC9480 | Mounting Bracket | 1 | From Nov 1989 |

Note(1) For split charge engine harness see split charge components.

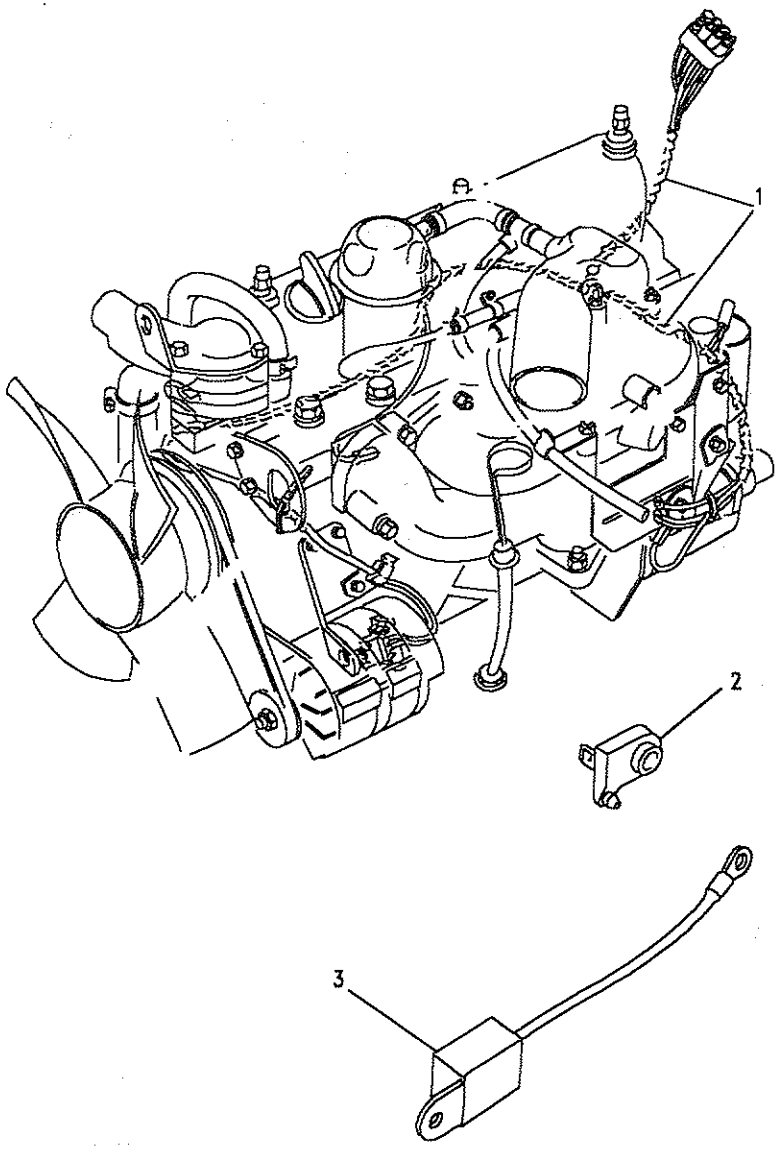



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## ELECTRICAL - ENGINE HARNESS - DIESEL TURBO AND 200TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to November 1989** | | | | |
| 1 | PRC4785 | Harness engine - 45A | 1 | Standard |
| | PRC4021 | Harness engine - 65A | 1 | Optional |
| | PRC4096 | Harness engine - 65A | 1 | Air Con. |
| **From November 1989 up to November 1992** | | | | |
| | PRC6080 | Harness engine - 45A | 1 | Standard |
| | PRC6082 | Harness engine - 65A | 1 | Optional |
| | PRC6081 | Harness engine - 65A | 1 | Air Con. |
| **From November 1992 (engine number 11L26192A)** | | | | |
| | PRC6082 | Harness engine - 65A | 1 | Standard |
| | PRC6081 | Harness engine - 65A | 1 | Air Con. |
| 2 | 568680 | Cable Clip | 1 | |
| 3 | AFU1090L | Cable Clip | 4 | Upto Nov 1989 |
| | AFU1090L | Cable Clip | 5 | From Nov 1989 |
| 4 | RTC3772 | Cable Cleat | 2 | |
| | ERC9404 | Mounting Bracket | 4 | From Nov 1989 |
| | ERC9480 | Mounting Bracket | 1 | From Nov 1989 |

Note(1) For split charge engine harness see split charge components.

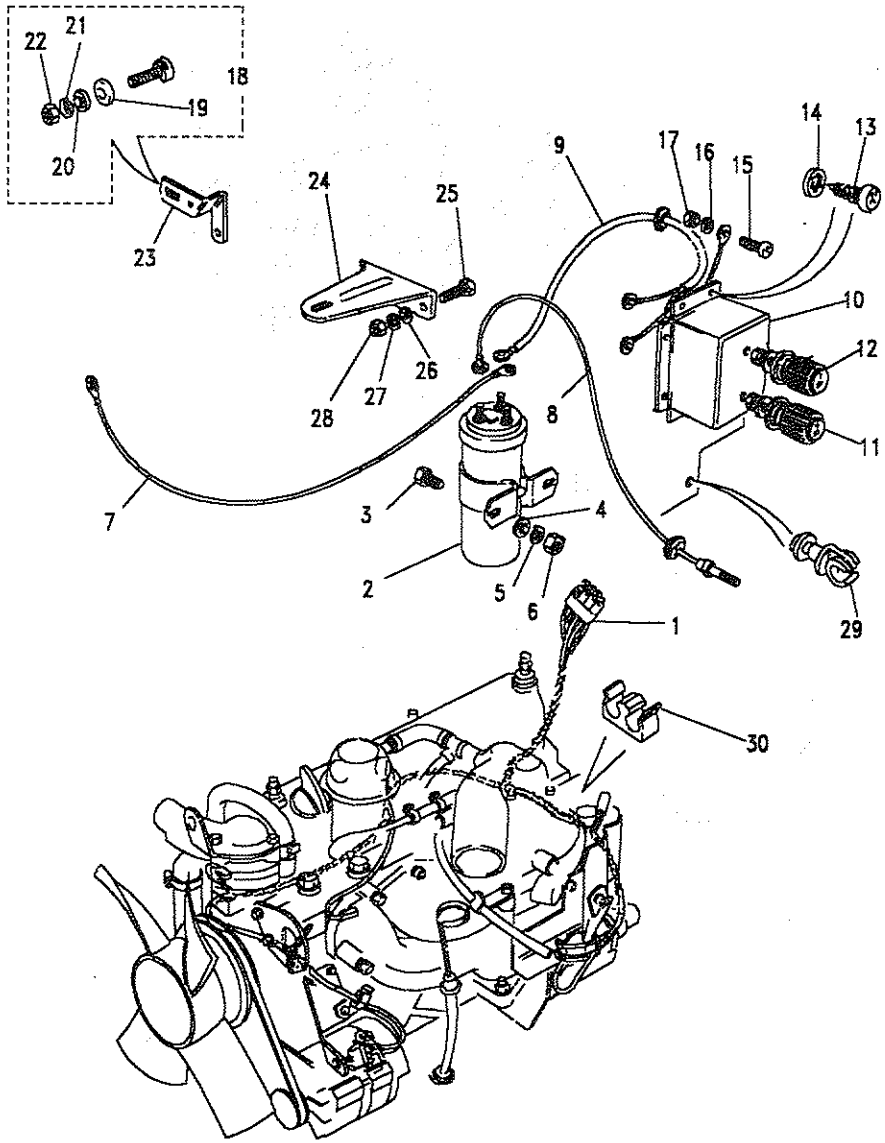



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## ELECTRICAL - ENGINE HARNESS - 300TDI

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to MA949874** | | | | |
| 1 | AMR2956 | Harness engine - 65A | 1 | Standard |
| | AMR2980 | Harness engine - 65A | 1 | Air Con. |
| | AMR3988 | Harness engine - 65A | 1 | EGR |
| | AMR3987 | Harness engine - 65A | 1 | EGR Air Con. |
| **From MA949875** | | | | |
| | AMR4019 | Harness engine - 65A | 1 | Standard |
| | AMR4021 | Harness engine - 65A | 1 | Air Con. |
| | AMR3988 | Harness engine - 65A | 1 | EGR |
| | AMR3987 | Harness engine - 65A | 1 | EGR Air Con. |
| **Phase tap protection unit - EGR vehicles only** | | | | |
| 2 | AMR4042 | Phase tap protection unit | 1 | |
| 3 | AMR4043 | Suppressor | 1 | |

Note(1) For split charge engine harness see split charge components.

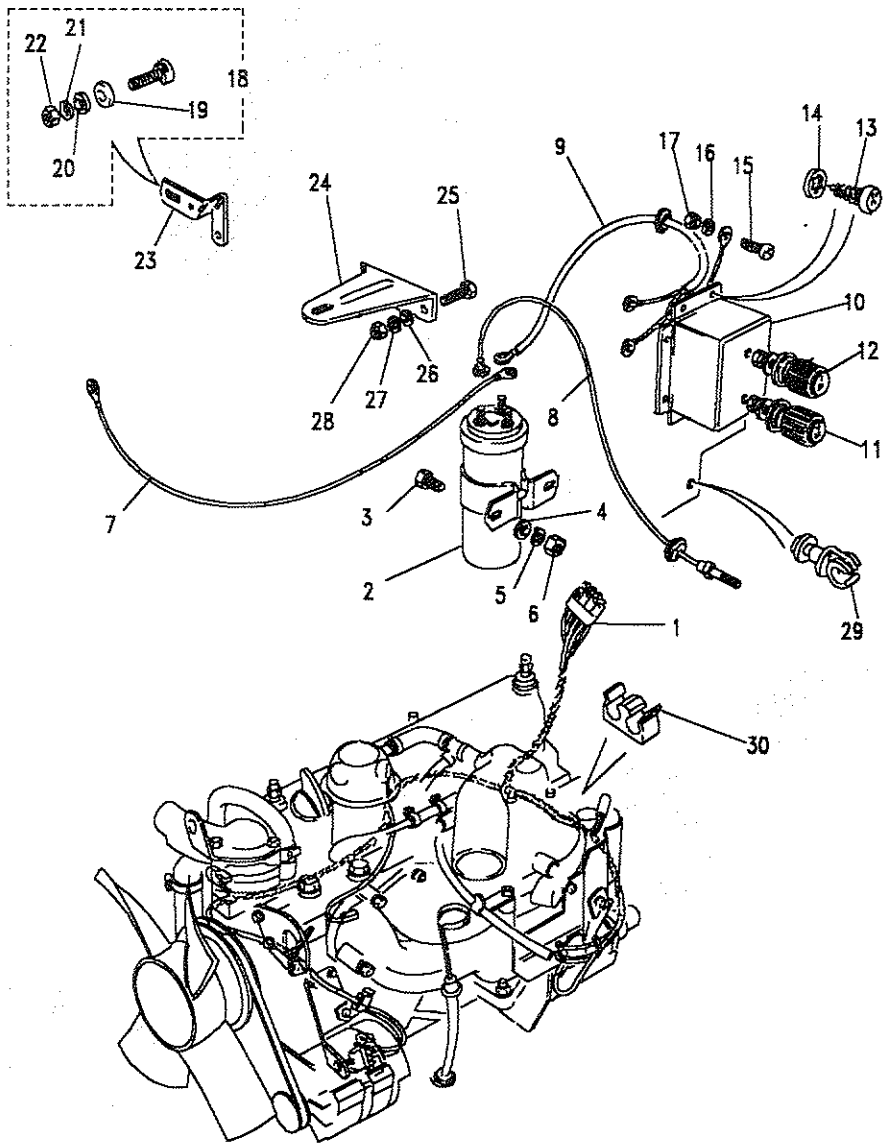



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## ELECTRICAL - SPLIT CHARGE FACILITY

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 310168** | | | | |
| 1 | PRC4021 | Harness engine | 1 | 4 cylinder |
| | PRC4953 | Harness engine | 1 | V8-Upto Note(1) No longer available |
| | PRC4995 | Harness engine | 1 | V8-From Note(1) |
| 2 | PRC4092 | Diode | 1 | |
| 3 | SH108201 | Screw | 2 | |
| 4 | WA108001 | Washer plain | 2 | |
| 5 | WL108001L | Washer spring | 2 | |
| 6 | FN108041L | Nut | 2 | |
| 7 | PRC4083 | Lead termnl post to diode | 1 | |
| 8 | PRC4084 | Lead diode to battery | 1 | |
| 9 | PRC4085 | Lead diode to termnl box | 1 | |
| 10 | 531604 | Bracket mounting | 1 | |
| 11 | 532736 | Terminal | 1 | B plus |
| 12 | 525569 | Terminal | 1 | B minus |
| 13 | AR608031L | Screw | 6 | |
| 14 | WE703081 | Washer shakeproof | 6 | |
| 15 | SE106201 | Screw | 1 | Earth |
| 16 | WL106001 | Washer spring | 1 | |
| 17 | NH106041L | Nut | 1 | |
| 18 | C22257 | Terminal post | 1 | |
| 19 | 565847 | Bush insulation | 1 | |
| 20 | 3830 | Washer plain | 2 | |
| 21 | 575014 | Washer spring | 2 | |
| 22 | 90575015 | Nut | 2 | |

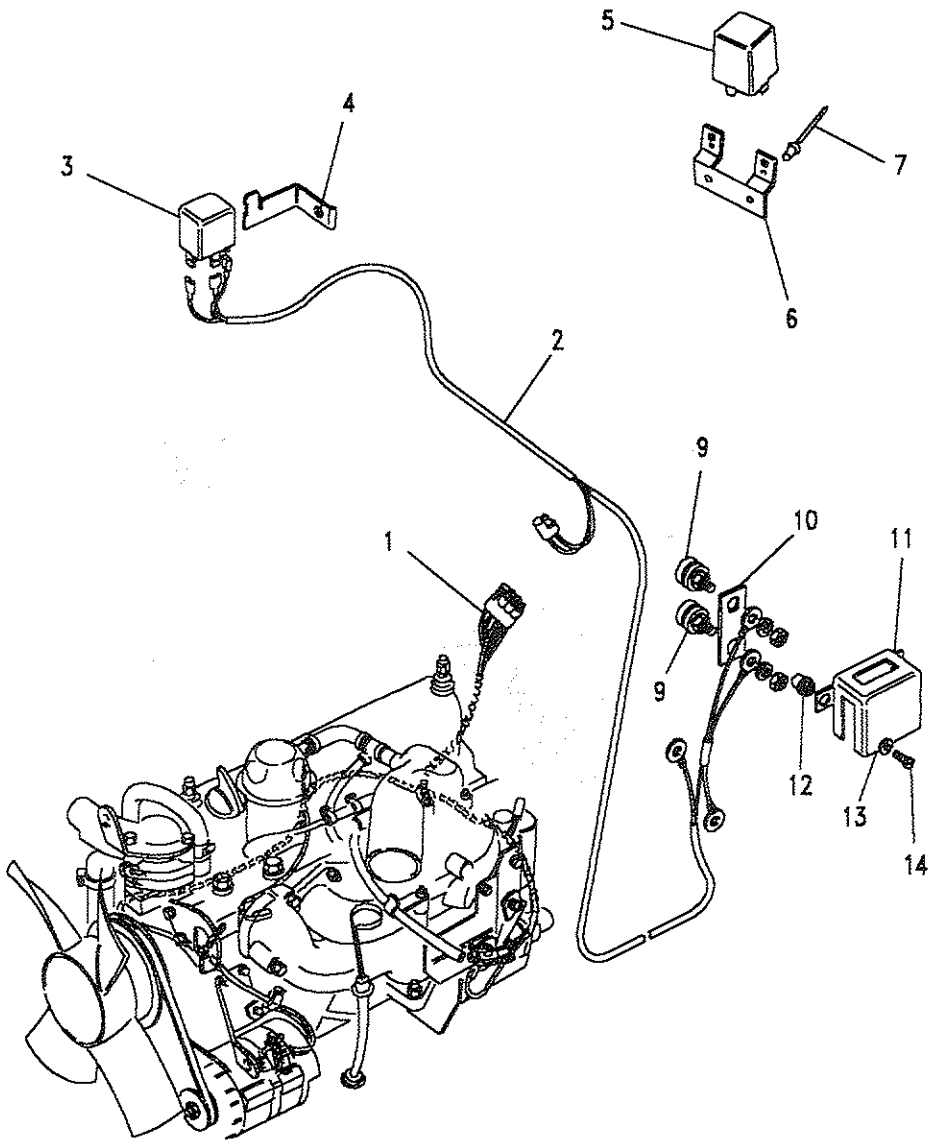
Note(1) VIN 243343 - Introduction of "in tank" fuel pump




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**ELECTRICAL - SPLIT CHARGE FACILITY**

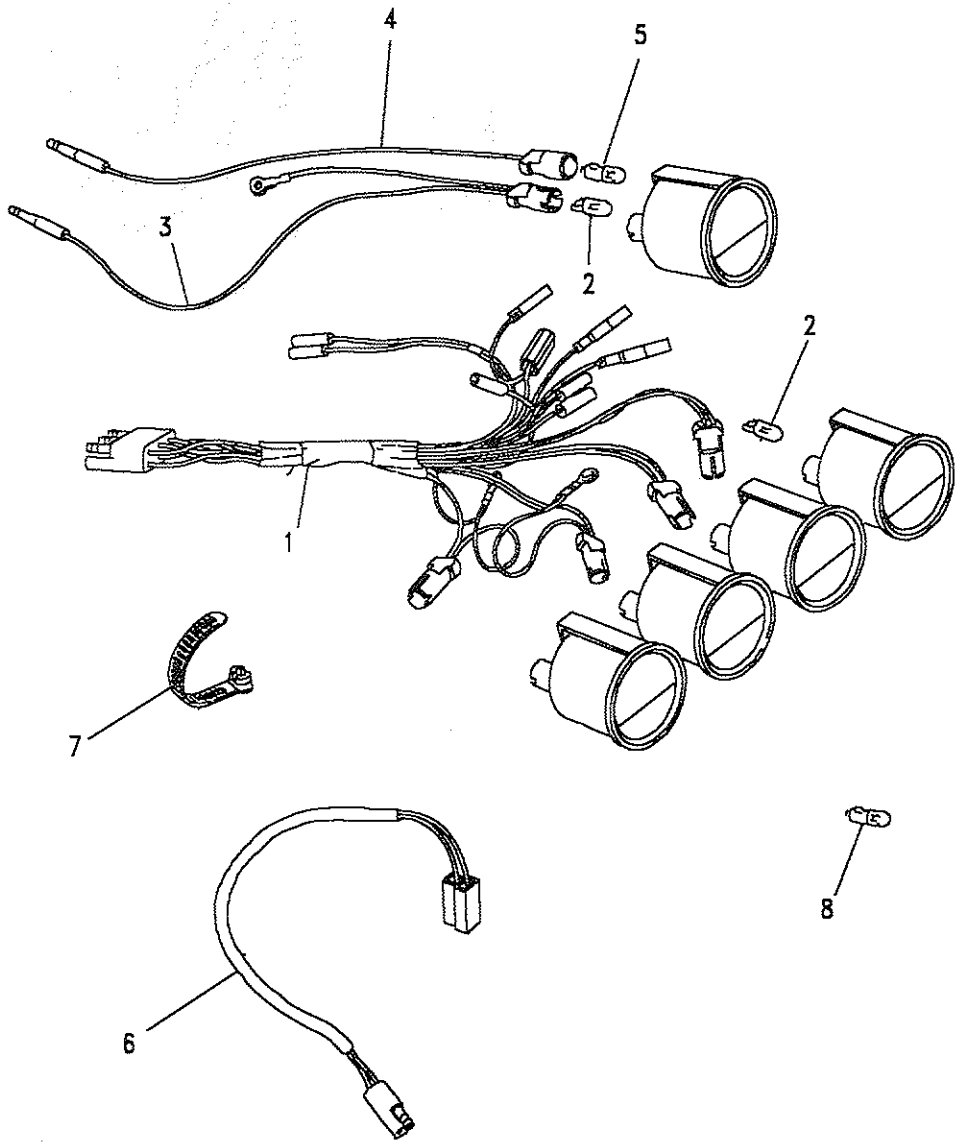
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 23 | PRC2978 | Bracket mounting | 1 | V8 |
| 24 | PRC3247 | Bracket mounting | 1 | 4 cylinder |
| 25 | SH106161 | Screw | 2 | ) |
| 26 | WA106041L | Washer plain | 2 | )4 cylinder |
| 27 | WL106001 | Washer spring | 2 | )RHS |
| 28 | NH106041L | Nut | 2 | ) |
| 29 | PRC3180 | Clip pipe | 1 | |
| 30 | 13H9157 | Clip pipe | 5 | V8 |
| | 13H9157 | Clip pipe | 3 | 4 cylinder |




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## ELECTRICAL - SPLIT CHARGE FACILITY

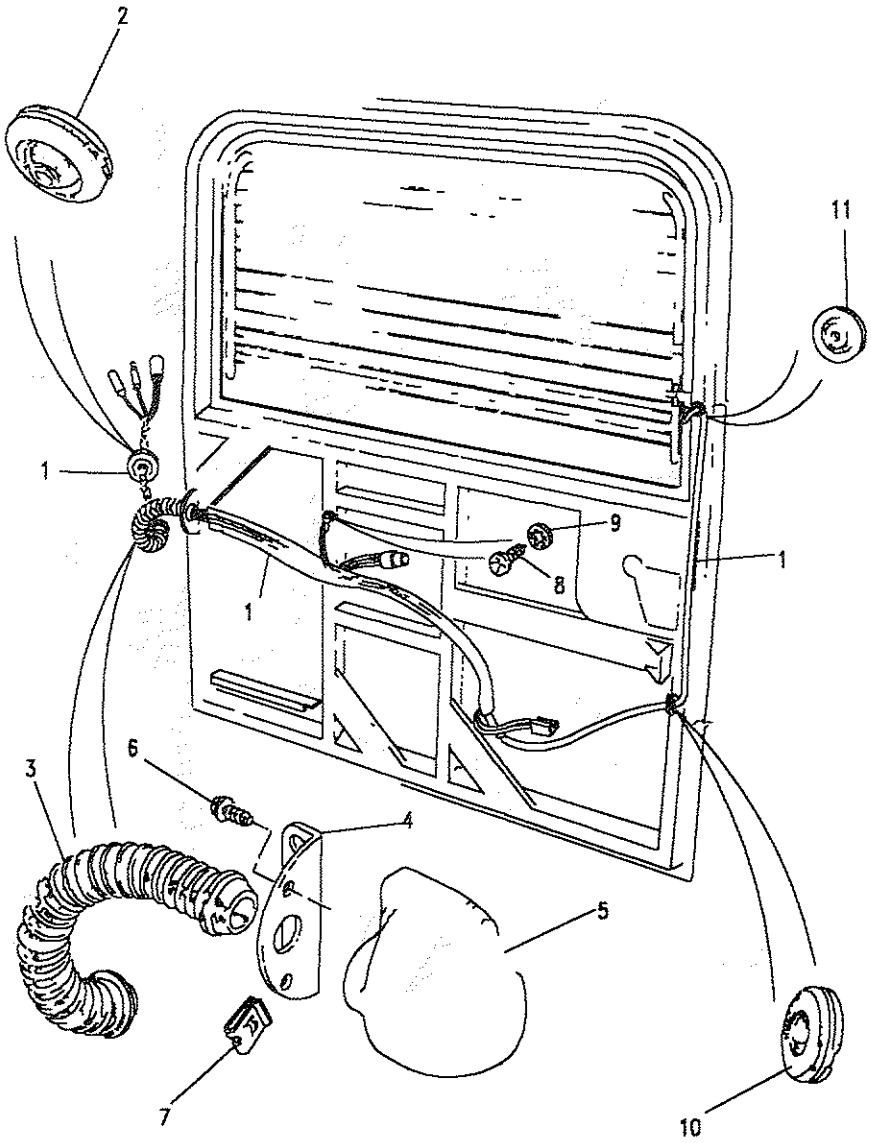
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 310169 up to November 1989** | | | | |
| 1 | PRC5879 | Harness engine - 65A | 1 | 4 cyl pet/die |
| | PRC5880 | Harness engine - 65A | 1 | 4 cyl-Air Con |
| | PRC5877 | Harness engine - 65A | 1 | V8 |
| | PRC5878 | Harness engine - 65A | 1 | V8-Air Con |
| **From November 1989** | | | | |
| | PRC6082 | Harness engine - 65A | 1 | 4 cyl pet/die |
| | PRC5877 | Harness engine - 65A | 1 | V8 |
| | PRC5878 | Harness engine - 65A | 1 | V8-Air Con |
| 2 | PRC5724 | Cable split charge | 1 | Up to KA922208 |
| | AMR2350 | Cable split charge | 1 | From KA922209 up to LA939975 |
| | AMR3135 | Cable split charge | 1 | MA939976 |
| 3 | ASU1151 | Relay | 1 | Up to LA939975 |
| | AMR3324 | Relay | 1 | From MA939976 |
| 4 | PRC5723 | Bracket mounting | 1 | |
| 5 | PRC4427 | Switch volt sensitive | 1 | From VIN 270227 up to LA939975 |
| | AMR3325 | Switch volt sensitive | 1 | From MA939976 |
| 6 | PRC4795 | Bracket mounting | 1 | From VIN 270227 |
| 7 | RA610123 | Rivet | 2 | From VIN 270227 |
| 8 | AMR2532 | Cable volt sesitive sw. | 1 | From MA939976 |
| 9 | PRC7100 | Terminal Post | 2 | |
| 10 | PRC7173 | Plate keeper | 1 | |
| 11 | PRC5003 | Cover | 1 | |
| 12 | NH104041L | Nut | 2 | |
| 13 | WA704061 | Washer plain | 2 | |
| 14 | SE104161L | Screw | 2 | |




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## ELECTRICAL - HARNESS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC7326 | Harness instrument | 1 | Up to FA450332 |
| | PRC8410 | Harness instrument | 1 | From FA450333 up to KA929567 |
| | AMR2625 | Cable instrument | 1 | From KA929568 up to LA939975 |
| | AMR3101 | Cable instrument | 1 | From MA939976 |
| 2 | RTC6164 | Bulb 12V 2W capless | 4 | |
| 3 | PRC7329 | Cable instrument | 1 | Additional |
| | AMR2475 | Cable instrument | 1 | Volt meter |
| | RTC6164 | Bulb 12V 2W capless | 1 | |
| 4 | PRC7060 | Lead clock illumination | 1 | From VIN 319167 Up to LA936689 |
| | AMR3444 | Lead clock illumination | 1 | From LA936689 up to LA939975 |
| | AMR1647 | Lead clock - feed & illum | 1 | From MA939976 |
| 5 | 503352 | Bulb 12V 2W | 1 | |
| 6 | PRC4318 | Harness brake warn switch | 1 | |
| 7 | C45099L | Cable tie | A/R | |
| 8 | 573289 | Bulb air con controls | A/R | |
| **Germany** | | | | |
| | PRC5316 | Cable fuel shutoff | 1 | Up to VIN 270226 |
| | PRC5685 | Cable fuel shutoff | 1 | From VIN 270227 |
| | PRC7894 | Diode | 1 | Note(1) No longer available |
| | YWB10032L | Relay | 1 | |
| | AB608031L | Screw | 1 | |
| | WA105001L | Washer plain | 1 | |
| | Note(1) | Service Fix SF88/010 | | |

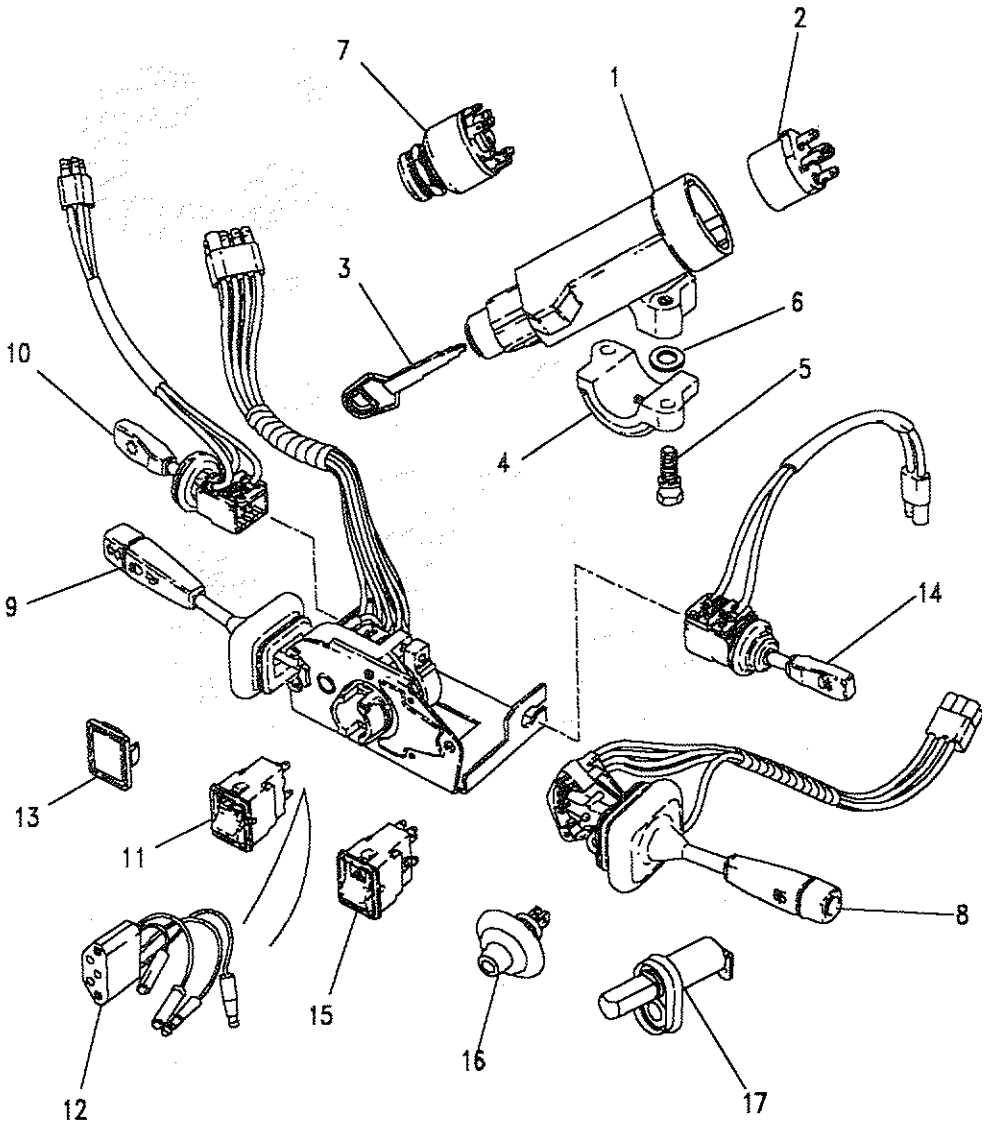



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## ELECTRICAL - REAR WASH WIPE AND HEATED REAR WINDOW

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC4591 | Harness rear end door | 1 | Up to VIN 270226 |
| | PRC6290 | Harness rear end door | 1 | From VIN 270227 up to LA939975 |
| | AMR3124 | Harness rear end door | 1 | From MA939976 |
| 2 | BMK1714 | Grommet | 1 | |
| 3 | PRC4471 | Grommet convolute | 1 | |
| 4 | MTC9914 | Bracket mounting | 1 | |
| 5 | MTC9915 | Cover | 1 | Up to Note(1) |
| | MTC9915LCS | Cover - grey | 1 | From Note(1) |
| 6 | AA606044L | Screw | 2 | |
| 7 | AK606011L | Nut spire | 2 | |
| 8 | AB610041L | Screw | 1 | |
| 9 | WA105001L | Washer plain | 1 | |
| 10 | 3H822L | Grommet lower | 1 | Up to VIN 270226 |
| | BHA5131L | Grommet lower | 1 | From VIN 270227 |
| 11 | 27H5311 | Grommet upper | 1 | |

Note(1) VIN 314174 - Introduction of 1988 Model Year.

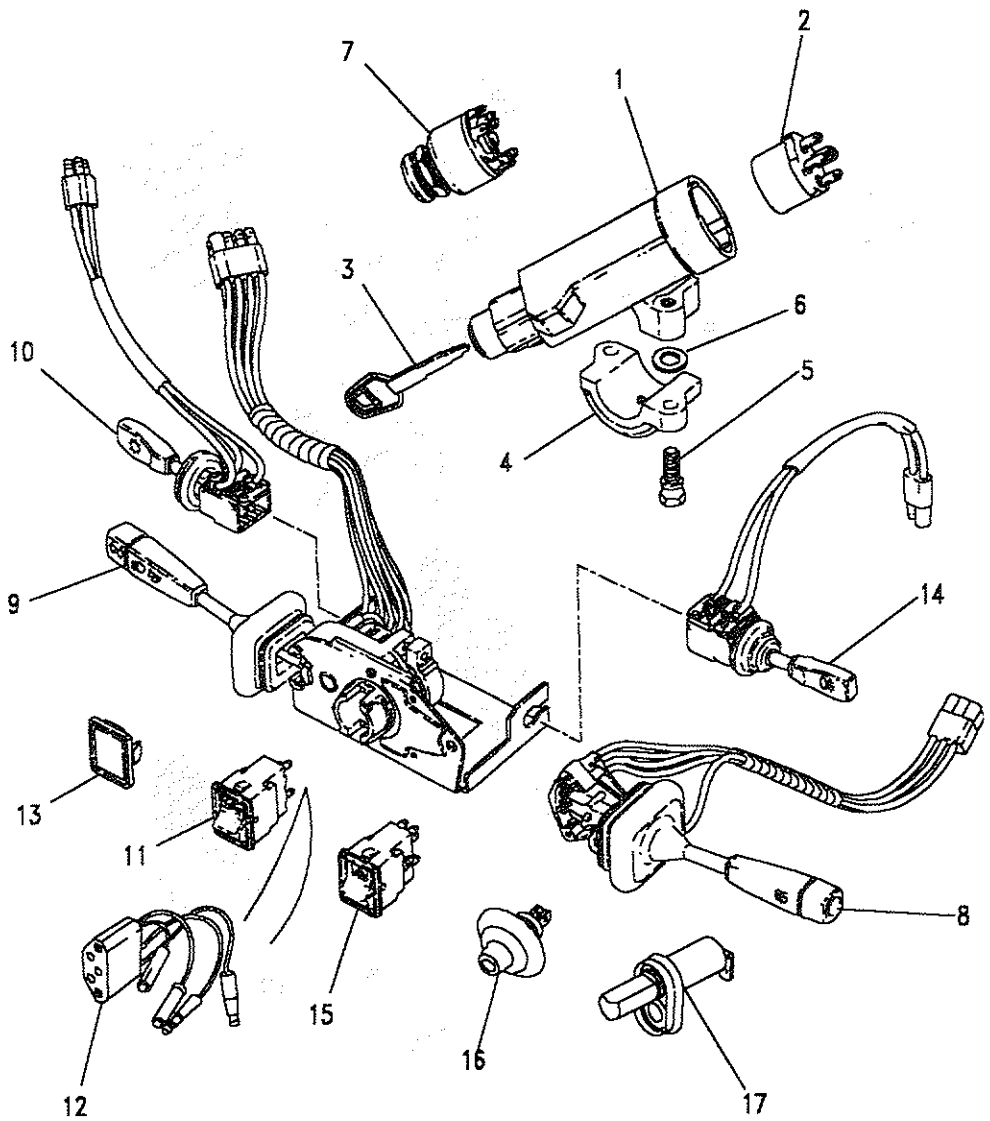



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**ELECTRICAL - SWITCHES**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Petrol** | | | | |
| 1 | NTC7855 | Lock steering column | 1 | Up to LA932973 |
| | ANR2848 | Lock steering column | 1 | From LA932974 |
| 2 | 579085 | Switch ignition | 1 | Up to FA415402 |
| | PRC8230 | Switch ignition | 1 | From FA415403 |
| **Diesel** | | | | |
| 1 | NRC3908 | Lock steering column | 1 | Up to LA932971 |
| | ANR2847 | Lock steering column | 1 | From LA932972 |
| 2 | PRC2735 | Switch heater/starter | 1 | |
| **200TDI and 300TDI** | | | | |
| 1 | NTC7855 | Lock steering column | 1 | Up to LA932973 |
| | ANR2848 | Lock steering column | 1 | From LA932974 |
| 2 | PRC8230 | Switch heater/starter | 1 | |
| 3 | AAU8276 | Key blank | 1 | RO 1001-2000 |
| 4 | NRC7422 | Clamp lock | 1 | |
| 5 | 51K400IL | Shear bolt | 2 | |
| 6 | WB108051L | Washer plain | 2 | Note(1) |

Note(1) Fitted between the lock body and the clamp.

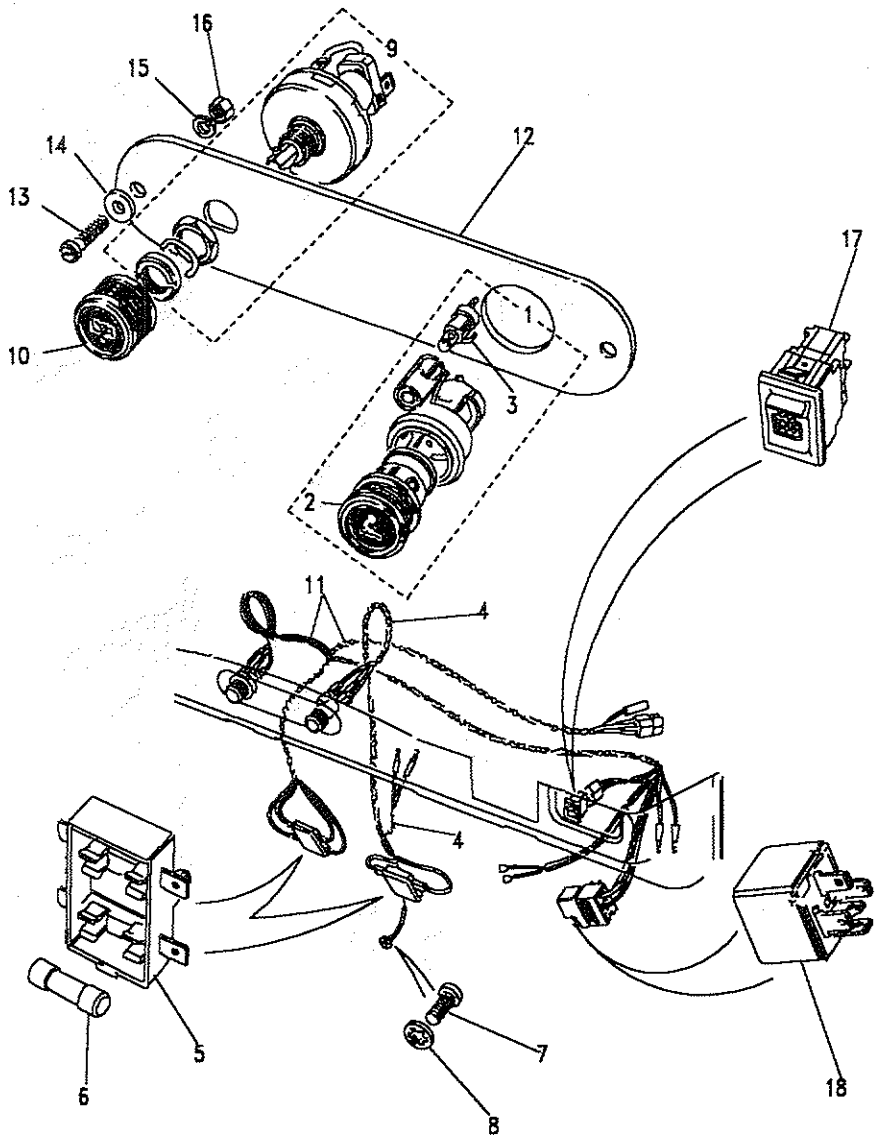



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## ELECTRICAL - SWITCHES

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 7 | 551508 | Switch ignition | 1 | Note(1) |
| | 395141 | Barrel lock and keys | 1 | Note(1) |
| 7 | PRC2734 | Switch heater/starter | 1 | Note(2) |
| | RTC3022 | Barrel lock and keys | 1 | Note(2) |
| 8 | PRC3900 | Switch wash wipe | 1 | Up to VIN 455945 |
| | PRC7370 | Switch wash wipe delay | 1 | From HA455946 |
| 9 | PRC3875 | Switch indicator horn dip | 1 | Up to VIN 455945 |
| | STC439 | Switch indicator horn dip | 1 | From HA455946 |
| 10 | PRC3430 | Switch master light | 1 | |
| 11 | PRC7371 | Switch interior light | 1 | From HA455946 up to Note(3) |
| 12 | PRC5679 | Cable interior light | 1 | From Note(4) Up to VIN 455945 |
| | PRC8470 | Cable interior light | 1 | From HA455946 Up to KA925760 |
| | AMR2449 | Cable interior light | 1 | From KA925761 up to Note(3) |
| 13 | CZH3827L | Plug blanking | 3 | Up to FA414356 |
| | AAM222L | Plug blanking | 3 | From FA414357 |
| 14 | PRC3432 | Switch rear fog lamp | 1 | |
| 15 | ASU1009 | Switch hazard warning | 1 | |
| | STC873 | Bulb hazard switch | 1 | |

Note(1) Petrol vehicles without steering column lock
Note(2) Diesel vehicles without steering column lock
Note(3) Up to LA939975. From MA939976 switch incorporated into light.
Note(4) 1987 Model Year - VIN 270227 4 cyl Petrol, VIN 270484 Diesel, VIN 271214 V8

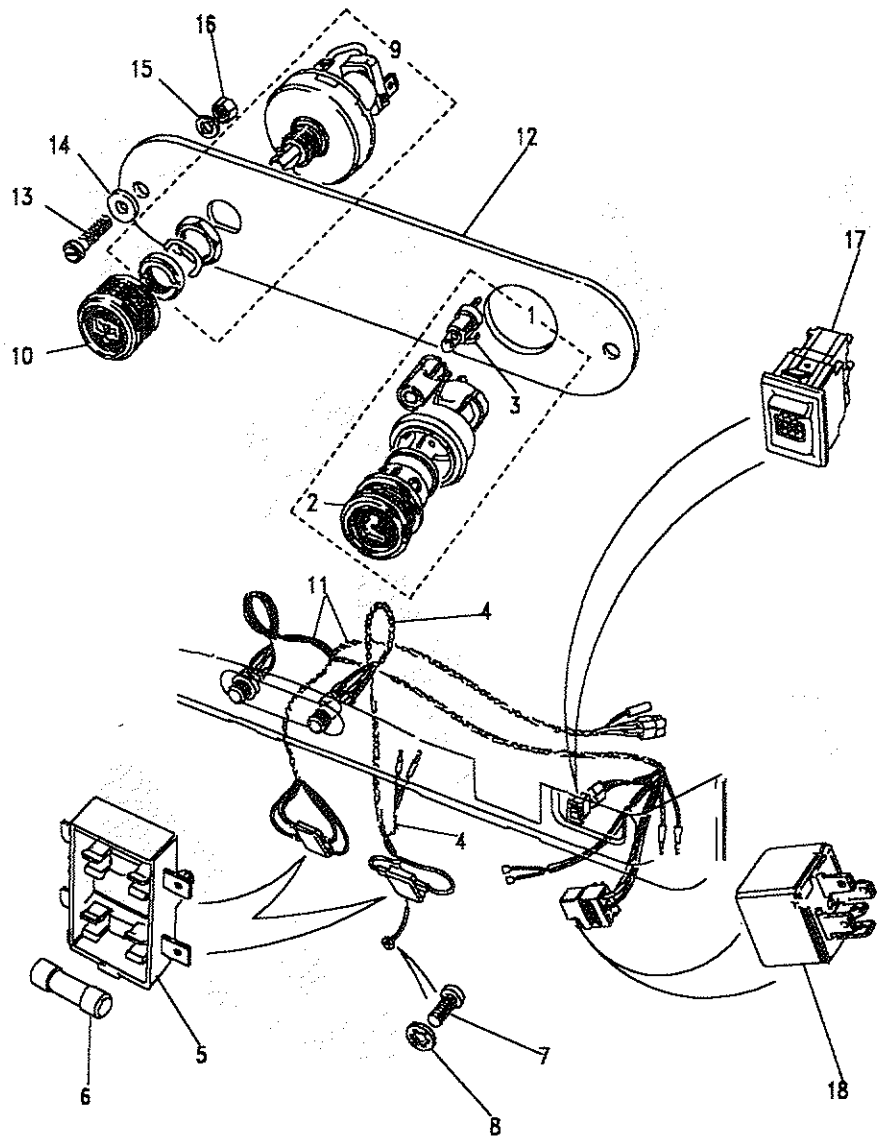



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**Page** ADMXEC1A

## ELECTRICAL - CIGAR LIGHTER, DASH HARNESS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC9410 | Cigar lighter | 1 | Up to JA915407 |
| | YUJ10037L | Cigar lighter | 1 | From JA915408 |
| 2 | DRC8398 | Popout unit | 1 | Part of PRC4524<br>Up to JA913077 |
| | STC733 | Popout unit | 1 | Part of PRC9410<br>From JA913078<br>Up to JA915407 |
| 3 | RTC3635 | Bulb | 1 | |
| 4 | PRC4576 | Harness cigar lighter | 1 | )Up to VIN 270226<br>)Note(2) |
| 5 | PRC3737 | Fuse box | 1 | Up to FA424037 |
| 6 | RTC4502 | Fuse 15 Amp | 1 | Up to FA424037 |
| 7 | SE105121L | Screw | 1 | |
| 8 | WF105121 | Washer shakeproof | 1 | |
| 9 | PRC4449 | Switch rear wash wipe | 1 | |
| 10 | PRC4454 | Knob | 1 | |
| 11 | PRC4438 | Harness dash RWW/HRW | 1 | Up to VIN 270226 |
| | PRC4720 | Harness dash RWW/HRW | 1 | From VIN 270227<br>Up to FA424037 |
| | PRC8246 | Harness dash RWW/HRW | 1 | From FA424038<br>Up to VIN 455945 |
| | PRC8452 | Harness dash RWW/HRW | 1 | From HA455946<br>Up to HA903278 |
| | PRC9334 | Harness dash RWW/HRW | 1 | From HA903279 |
| | AAU5034 | Diode RWW/HRW | 1 | |

Note(1) RWW/HRW = Rear wash wipe/heated rear window.
Note(2) Incorporated into main harness from VIN 270227.

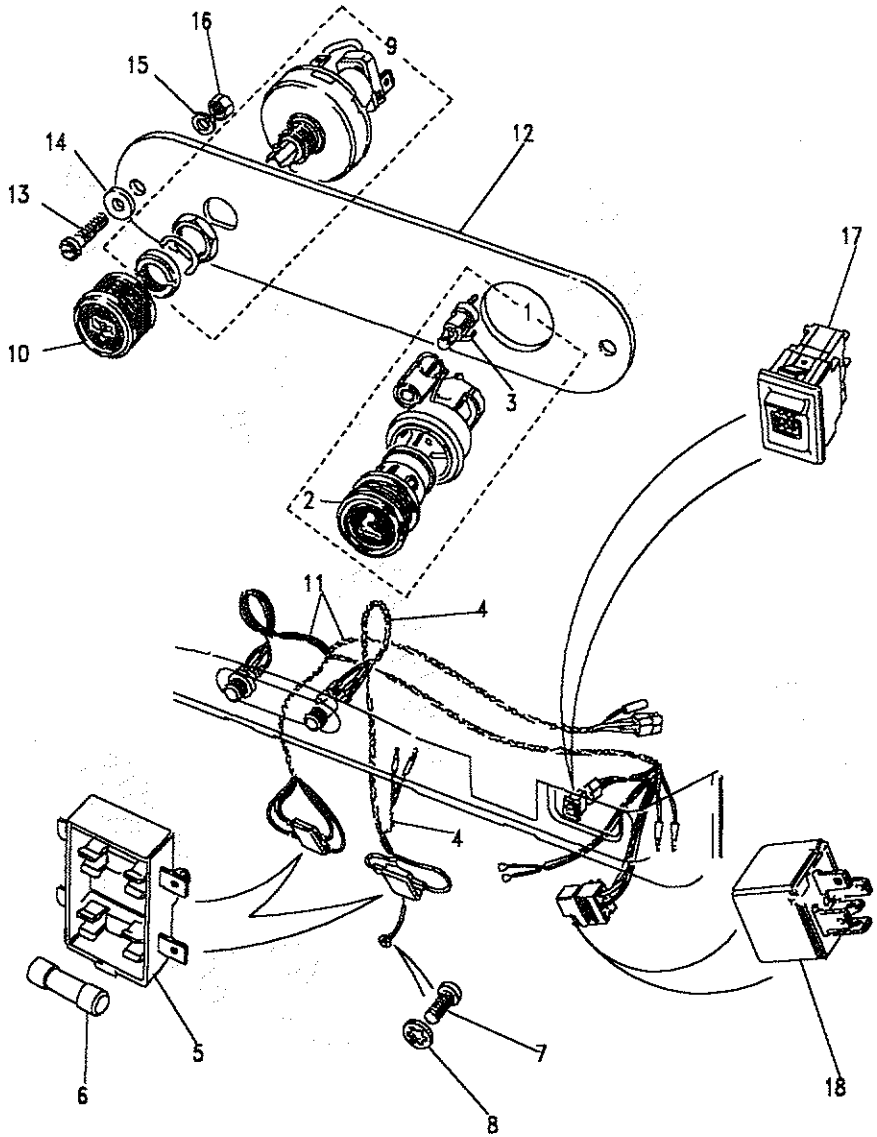



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**ELECTRICAL - CENTRE FACIA PLATE - UP TO LA939975**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **For Cigar Lighter** | | | | |
| 12 | MUC2165 | Facia plate | 1 | |
| **For Rear Wash Wipe Switch** | | | | |
| 12 | MUC1368 | Facia plate RHS | 1 | |
| | MUC1367 | Facia plate LHS | 1 | |
| **For Cigar Lighter, RWW Switch, Round Clock** | | | | |
| 12 | MUC1583 | Facia plate RHS | 1 | Up to VIN 319166 |
| | MUC1584 | Facia plate LHS | 1 | Up to VIN 319166 |
| **For Cigar Lighter, RWW Switch, Rectangular Clock** | | | | |
| 12 | MWC9304 | Facia plate RHS | 1 | From VIN 319167 |
| | MWC9303 | Facia plate LHS | 1 | From VIN 319167 |
| **For Cigar Lighter, Gauge, Rectangular Clock** | | | | |
| 12 | MWC9301 | Facia plate | 1 | From VIN 319167 |
| **For Three Gauges** | | | | |
| 12 | MWC9306 | Facia plate | 1 | From VIN 319167 |
| **Fixings for facia plate** | | | | |
| 13 | SP105204 | Screw | 2 | |
| 14 | WC105007 | Washer plain | 2 | |
| 15 | WL105004 | Washer spring | 2 | |
| 16 | NH105041L | Nut | 2 | |
| 17 | PRC4433 | Switch heated rear window | 1 | |
| 18 | YWB10032L | Relay dash harness HRW | 1 | Up to HA703459 |
| | YWB10027L | Relay dash harness HRW | 1 | From HA703460 |
| | PRC4427 | Volt sens. switch HRW | 1 | Note(1) |

Note(1) Required for vehicles with 45A alternator only.

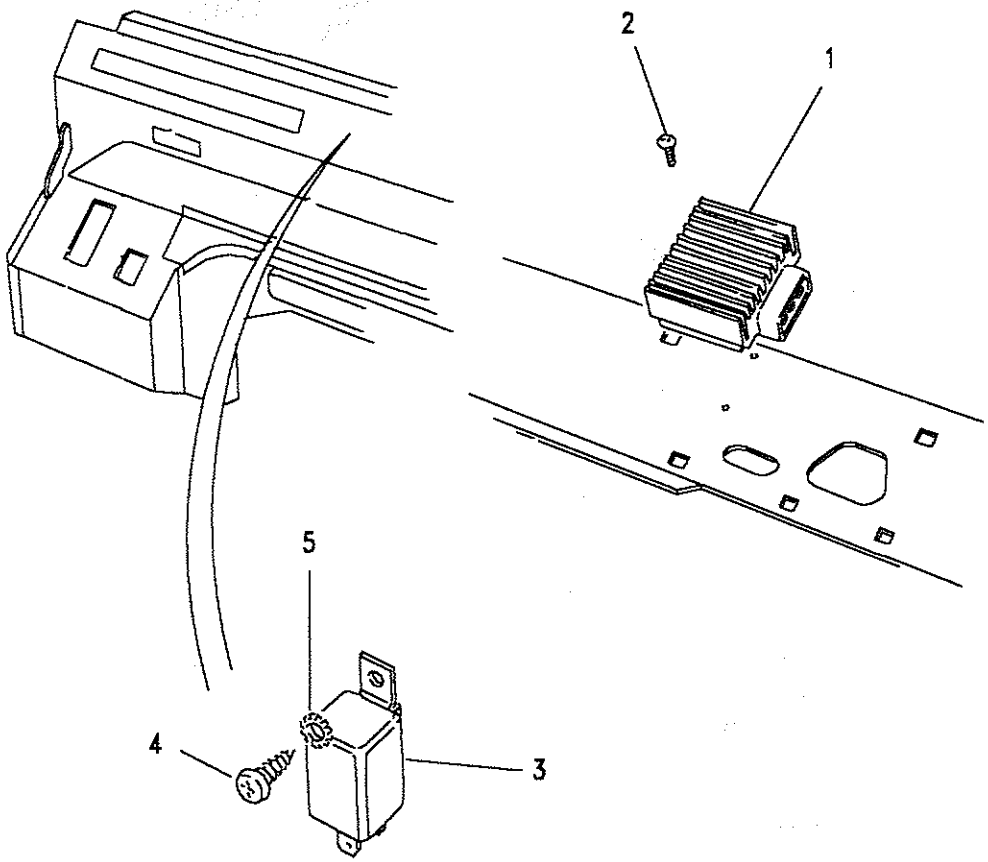



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**ELECTRICAL - CENTRE FACIA PLATE - FROM MA939976**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 12 | BTR9614 | Facia plate centre | 1 | |
| | BTR9615 | Plug blanking | 1 | Note(1) |
| **Fixings for facia plate** | | | | |
| 13 | SP105204 | Screw | 2 | |
| 14 | AFU1248 | Washer plastic | 2 | |
| 15 | WC105001 | Washer plain | 2 | |
| 16 | NH105041L | Nut | 2 | |
| 17 | PRC4433 | Switch heated rear window | 1 | |
| 18 | YWB10027L | Relay dash harness HRW | 1 | |

Note(1) For rear wash/wipe switch aperture.

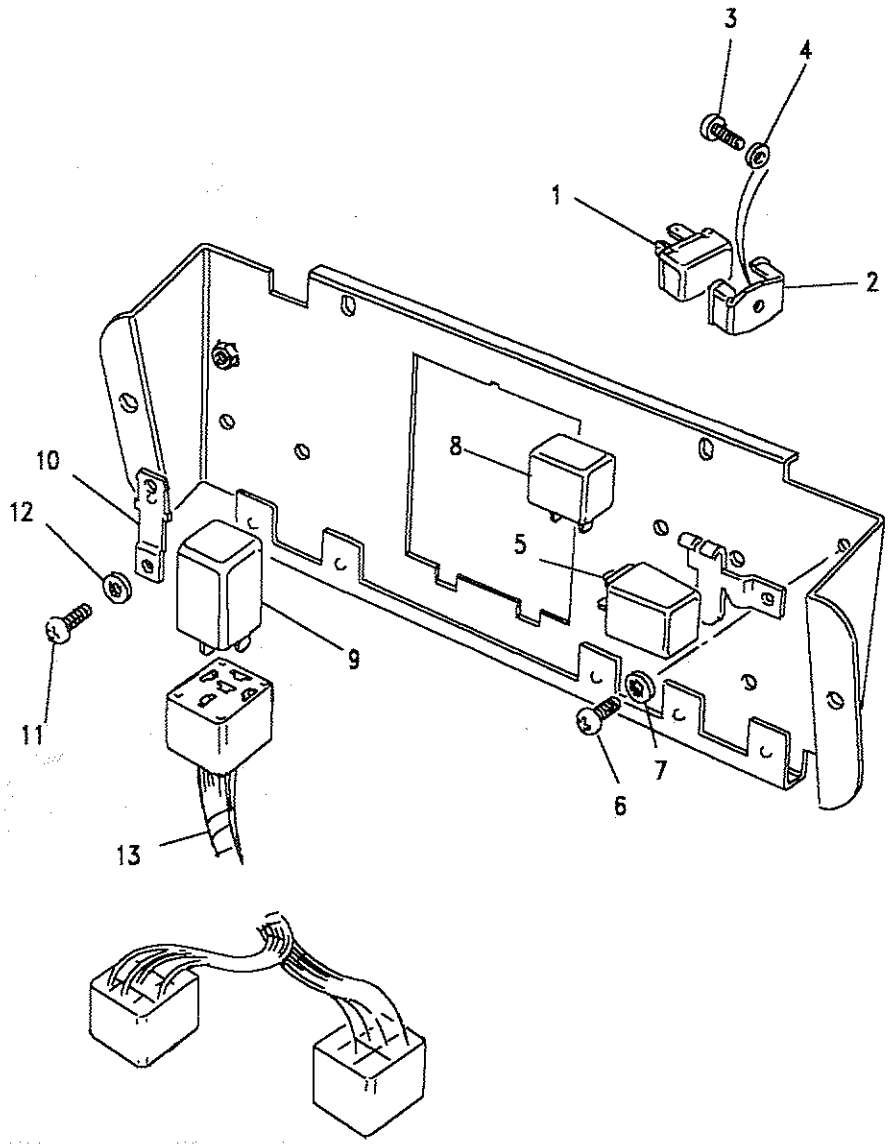



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## ELECTRICAL - DIM DIP UNIT, GLOW PLUG TIMER

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC8123 | Dim dip unit | 1 | Quartz halogen headlamps from VIN 274311 up to HA705856 |
| | PRC6336 | Dim dip unit | 1 | Tungsten headlamps from VIN 274311 up to HA705856 |
| | YWC10050L | Controller dim dip | 1 | UK only from HA705857 |
| | YWZ10003L | Control unit | 1 | Non UK from HA705857 |
| | AB608031L | Screw | 1 | From HA705857 |
| | DRC1245 | Bracket mounting | 1 | From HA705857 |
| | XBL10003L | Resistor dim dip | 1 | From HA705857 |
| | FN106047L | Nut flanged | 1 | From HA705857 |
| 2 | DA610051L | Screw | 2 | From VIN 274311 |
| 3 | PRC6913 | Timer glow plug | 1 | )200TDI Note(1) |
| 4 | AB612051L | Screw | 1 | ) |
| 5 | WE600041L | Washer shakeproof | 1 | ) |

Note(1) Glow plug timer cable shown in harness section.




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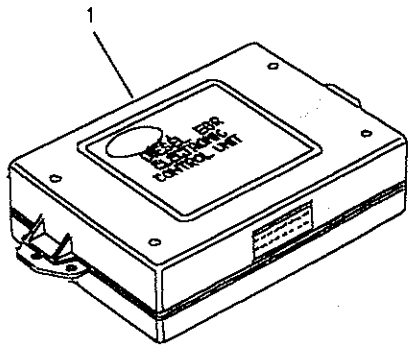
**ELECTRICAL - FLASHER UNIT, RELAYS, DELAY UNIT**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC3562 | Flasher unit - 2 pin | 1 | Note(1) up to LA939975 |
| | YWT10003 | Flasher unit - 2&1 pin | 1 | From MA939976 Note(2) |
| 2 | 567959 | Clip retaining | 1 | |
| 3 | SE105101L | Screw | 1 | |
| 4 | WF105001L | Washer shakeproof | 1 | |
| 5 | PRC2239 | Flasher unit - 3 pin | 1 | NLA use PRC8876 |
| | PRC8876 | Flasher unit - 3 pin | 1 | Note(3) |
| 6 | SE106121L | Screw | 1 | |
| 7 | WF106001L | Washer shakeproof | 1 | |
| 8 | YWB10032L | Relay | 1 | Brake system check |
| | YWB10032L | Relay | 1 | Starter |
| | YWB10032 | Relay | 2 | Fuel changeover Option |
| | YWB10032L | Relay | 1 | Headlamp override |
| | YWB10032 | Relay | 1 | )Norway )From January 1985 |
| | SE105101L | Screw | 2 | ) |
| | WA105001L | Washer plain | 4 | ) |
| | WL105001L | Washer spring | 2 | ) |
| | NH105041L | Nut | 2 | ) |
| 9 | PRC6864 | Delay unit wash wipe | 1 | Up to KA927700 |
| | AMR2341 | Delay unit variable | 1 | From KA927701 |
| 10 | DRC1245 | Bracket retaining | 1 | )From HA455946 |
| 11 | SE105121L | Screw | 1 | ) |
| 12 | WF600041L | Washer shakeproof | 1 | ) |
| 13 | PRC8295 | Cable assy delay unit | 1 | ) |

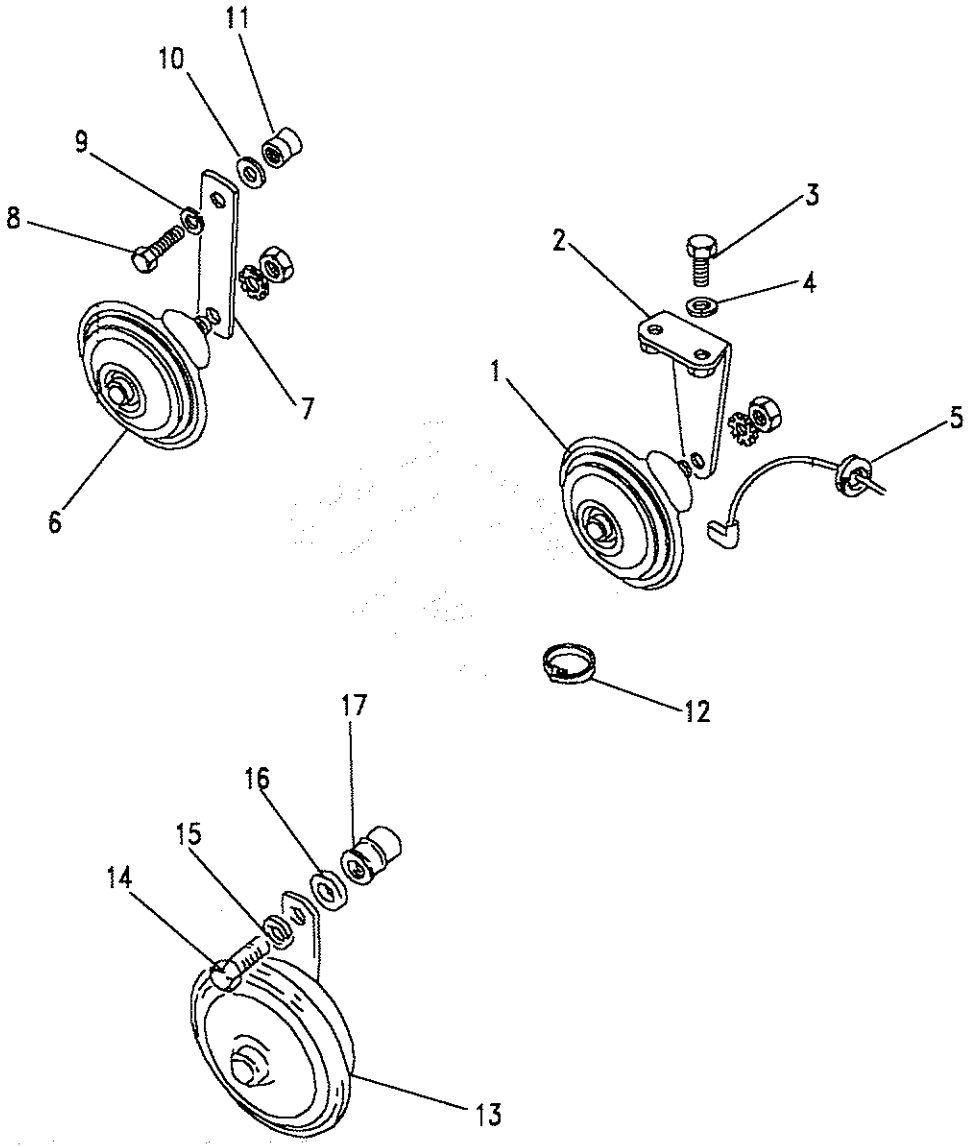
Note(1) Two pin unit for vehicles without trailer socket.
Note(2) Replace with PRC8876 heavy duty unit.
Note(3) Three pin unit for vehicles with trailer wiring.

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## ELECTRONIC CONTROL UNIT - 300TDI




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **ECU for EGR - located under front centre seat** | | | | |
| 1 | ERR5033 | Electronic unit EGR | 1 | |

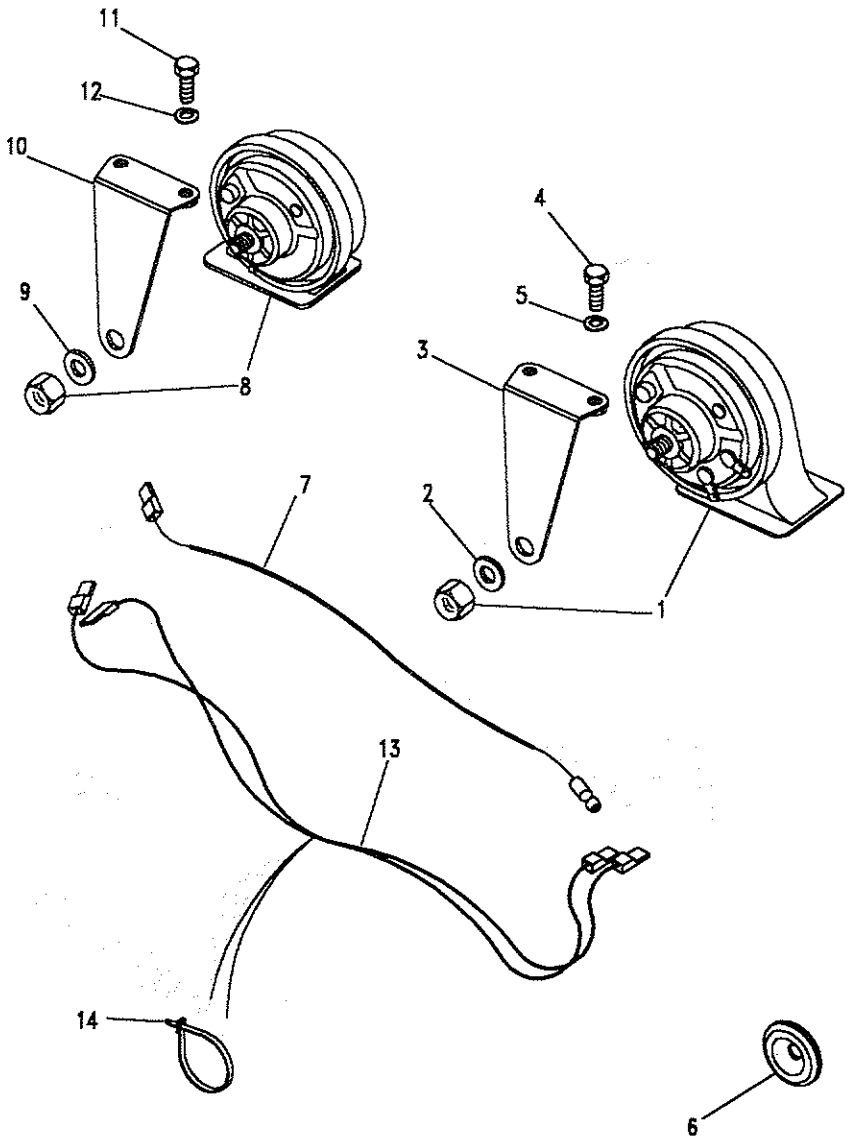



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## ELECTRICAL - HORN

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN KA923603** | | | | |
| **Single Horn - Non Air Con** | | | | |
| 1 | PRC2057 | Horn | 1 | |
| 2 | PRC1984 | Bracket mounting | 1 | |
| 3 | SH106141L | Screw | 2 | |
| 4 | WL106001L | Washer spring | 2 | |
| 5 | 235113 | Grommet | 1 | |
| **Additional Horn - Non Air Con - Note(1)** | | | | |
| 6 | PRC2057 | Horn | 1 | |
| 7 | PRC4456 | Bracket mounting | 1 | |
| 8 | FS108251L | Flange screw | 1 | |
| 9 | WL108001L | Washer spring | 1 | |
| 10 | 4868L | Washer plain | 1 | |
| 11 | NN108021 | Nutsert | 1 | |
| 12 | C43640 | Cable tie | 3 | |
| **Single Horn - Air Con** | | | | |
| 13 | PRC5912 | Horn | 1 | |
| 14 | FS108251L | Flange screw | 1 | |
| 15 | WL108001L | Washer spring | 1 | |
| 16 | 4868L | Washer plain | 1 | |
| 17 | NN108021 | Nutsert | 1 | |

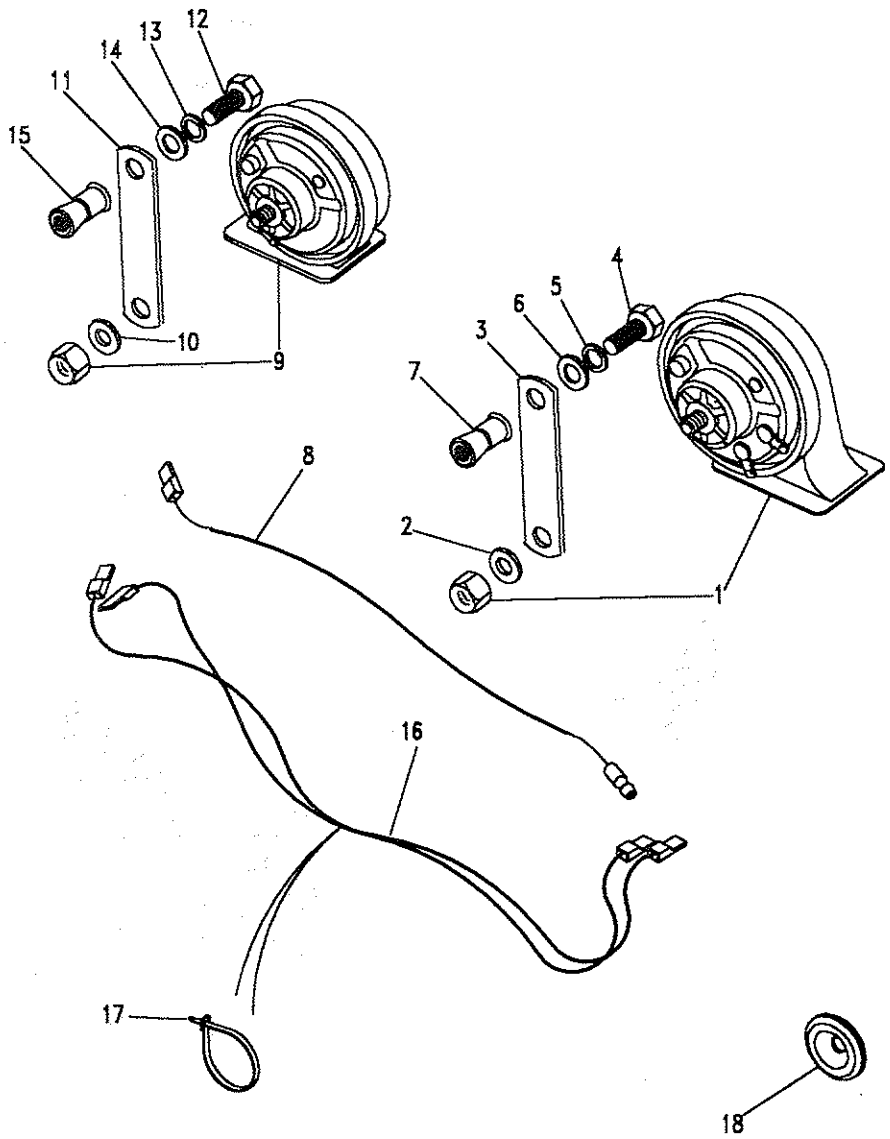
Note(1) Middle East Countries




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## ELECTRICAL - HORN

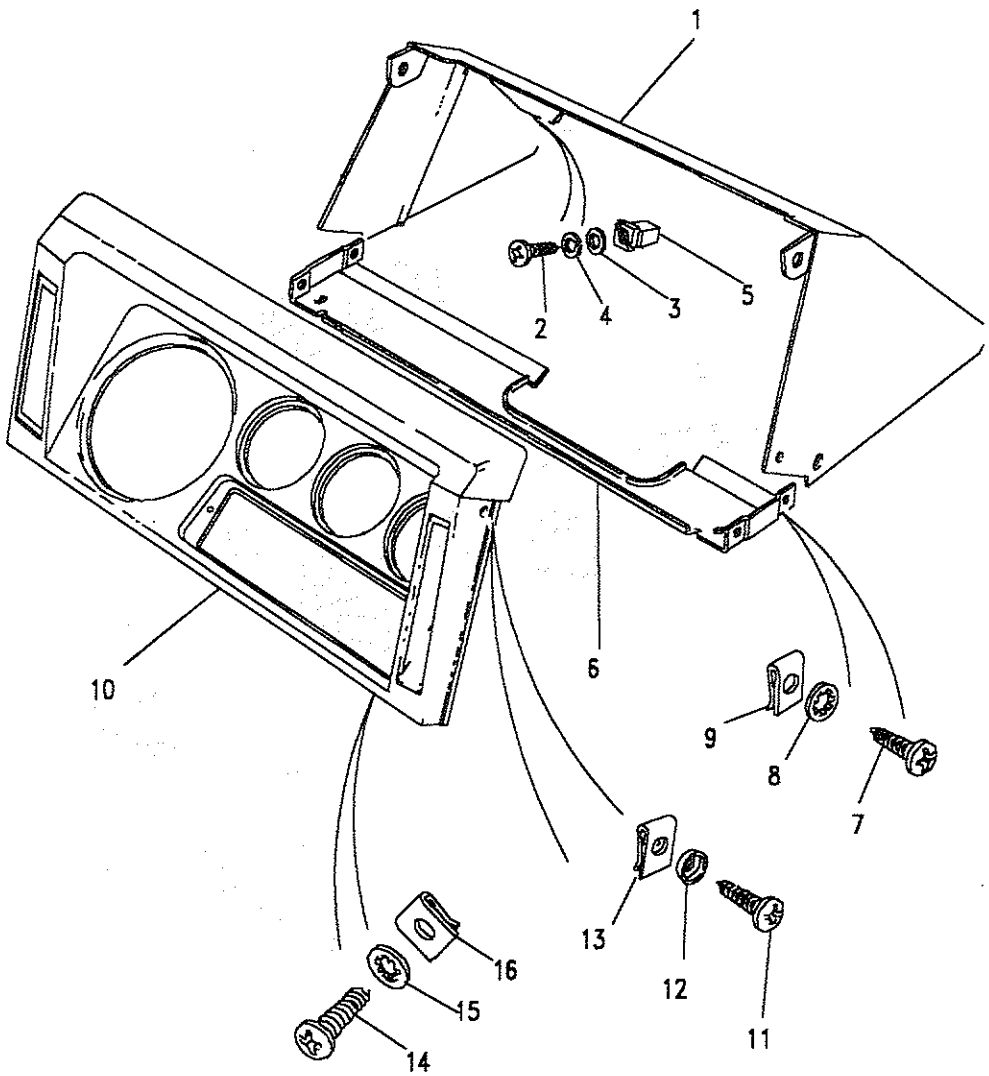
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Non Air Con - From VIN KA923604** | | | | |
| **Single Horn** | | | | |
| 1 | YEB10027 | Horn low note | 1 | |
| 2 | WA108051L | Washer plain | 1 | |
| 3 | AMR2393 | Bracket mounting | 1 | |
| 4 | SH106141L | Screw | 2 | |
| 5 | WL106001L | Washer spring | 2 | |
| 6 | 235113 | Grommet | 1 | |
| 7 | AMR2416 | Lead horn | 1 | Nat Asp Diesel |
| **Additional Horn** | | | | |
| 8 | YEB10026 | Horn | 1 | |
| 9 | WA108051L | Washer plain | 1 | |
| 10 | AMR2393 | Bracket mounting | 1 | |
| 11 | SH106141L | Screw | 2 | |
| 12 | WL106001L | Washer spring | 2 | |
| 13 | AMR2358 | Extension lead horn | 1 | |
| 14 | 573246 | Cable tie | 2 | |
| | STC1182 | Horn kit secondary | 1 | |




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**ELECTRICAL - HORN**

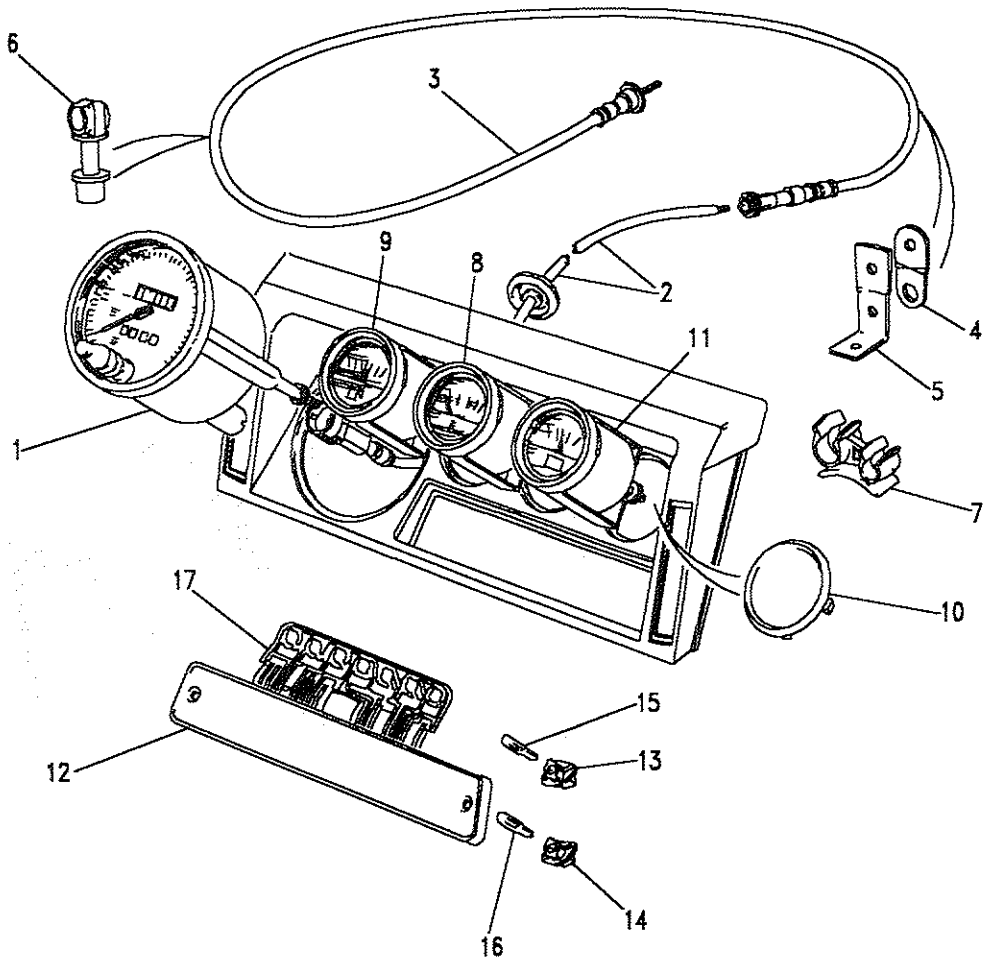
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Air Con - From VIN KA923604** | | | | |
| **Single Horn** | | | | |
| 1 | YEB10027 | Horn | 1 | |
| 2 | WA108051L | Washer plain | 1 | |
| 3 | AMR2411 | Bracket mounting | 1 | |
| 4 | FS108251L | Flange screw | 1 | |
| 5 | WL108001L | Washer spring | 1 | |
| 6 | 4868L | Washer plain | 1 | |
| 7 | NN108021 | Nutsert | 1 | |
| 8 | AMR2416 | Lead horn | 1 | Nat Asp Diesel |
| **Additional Horn** | | | | |
| 9 | YEB10026 | Horn | 1 | |
| 10 | WA108051L | Washer plain | 1 | |
| 11 | AMR2411 | Bracket mounting | 1 | |
| 12 | FS108251L | Flange screw | 1 | |
| 13 | WL108001L | Washer spring | 1 | |
| 14 | 4868L | Washer plain | 1 | |
| 15 | NN108021 | Nutsert | 1 | |
| 16 | AMR2358 | Extension lead horn | 1 | |
| 17 | 573246 | Cable tie | 2 | |
| 18 | 235113 | Grommet | 1 | |




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**ELECTRICAL - INSTRUMENT PANEL AND COWL**

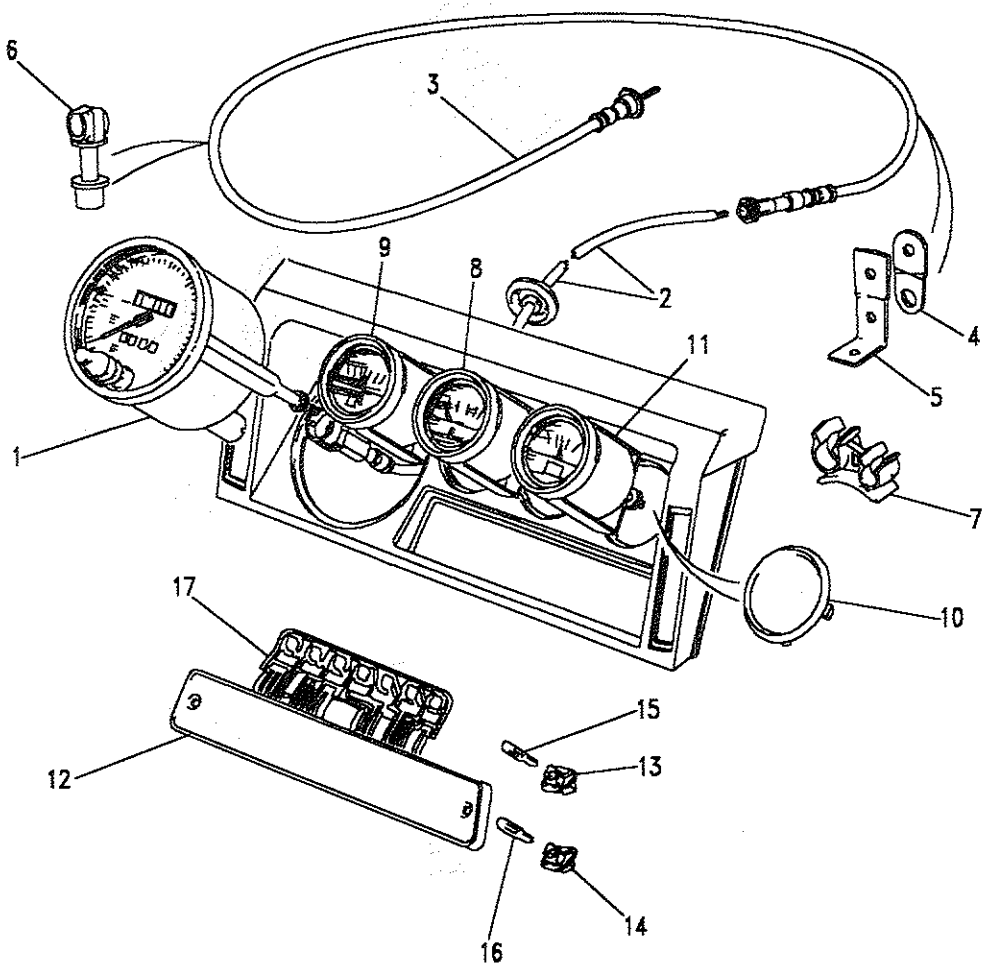
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC2808 | Cowl | 1 | |
| | MUC3023 | Cowl | 1 | Air Con LHS |
| 2 | AZ610081 | Screw | 5 | |
| 3 | AFU1218L | Washer plain | 5 | |
| 4 | WL105001L | Washer spring | 5 | |
| | WF702108 | Washer shakeproof | 5 | |
| 5 | CZA4705L | Nul lokut | 5 | |
| 6 | MUC7598 | Stiffener rh | 1 | RHS |
| | MUC7599 | Stiffener base | 1 | LHS |
| 7 | AB608044L | Screw | 4 | ) |
| | AFU2636 | Screw(LHS) | 4 | )Air Con |
| 8 | WF703084 | Washer shakeproof | 4 | ) |
| 9 | AJ608031 | Nut spring | 4 | ) |
| 10 | MTC5458 | Panel instrument | 1 | RHS |
| | MTC5459 | Panel instrument | 1 | LHS |
| 11 | D606044L | Screw | 2 | |
| 12 | WK606214L | Washer cup | 2 | |
| 13 | AJ606041 | Nut spring | 2 | Up to VIN 330644 |
| | MWC9322 | U nut | 2 | From VIN 330645 |
| 14 | AB606044L | Screw | 2 | |
| 15 | WF704064 | Washer shakeproof | 2 | |
| 16 | AJ606041 | Nut spring | 2 | Up to VIN 330644 |
| | MWC9322 | U nut | 2 | From VIN 330645 |




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**Page** ADMXIA2A

## ELECTRICAL - INSTRUMENTS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC7373 | Speedometer MPH | 1 | |
| | PRC7374 | Speedometer KPH | 1 | |
| **Speedometer Cable - Two Piece** | | | | |
| 2 | PRC3718 | Cable speedometer upper | 1 | 4 cyl RHS up to VIN 268134 |
| 3 | PRC3724 | Cable speedometer lower | 1 | 4 cyl RHS up to VIN 268134 |
| | PRC3718 | Cable speedometer upper | 1 | V8 RHS up to VIN 268016 |
| | PRC3725 | Cable speedometer lower | 1 | V8 RHS up to VIN 268016 |
| | PRC3718 | Cable speedometer upper | 1 | LHS up to VIN 268016 |
| | PRC3723 | Cable speedometer lower | 1 | LHS up to VIN 268016 |
| **Speedometer Cable - One Piece** | | | | |
| | PRC6022 | Cable speedometer | 1 | 4 cyl RHS from VIN 268135 |
| | PRC6023 | Cable speedometer | 1 | V8 RHS from VIN 268017 |
| | PRC6021 | Cable speedometer | 1 | LHS from VIN 268017 |
| 4 | PRC2979 | Bracket support | 1 | RHS |
| 5 | PRC2980 | Bracket support | 1 | LHS |
| | PRC3833 | Bracket toe box | 1 | LHS |
| 6 | PRC3180 | Clip cable | 2 | |
| 7 | PRC3025 | Clip cable | 2 | LHS |

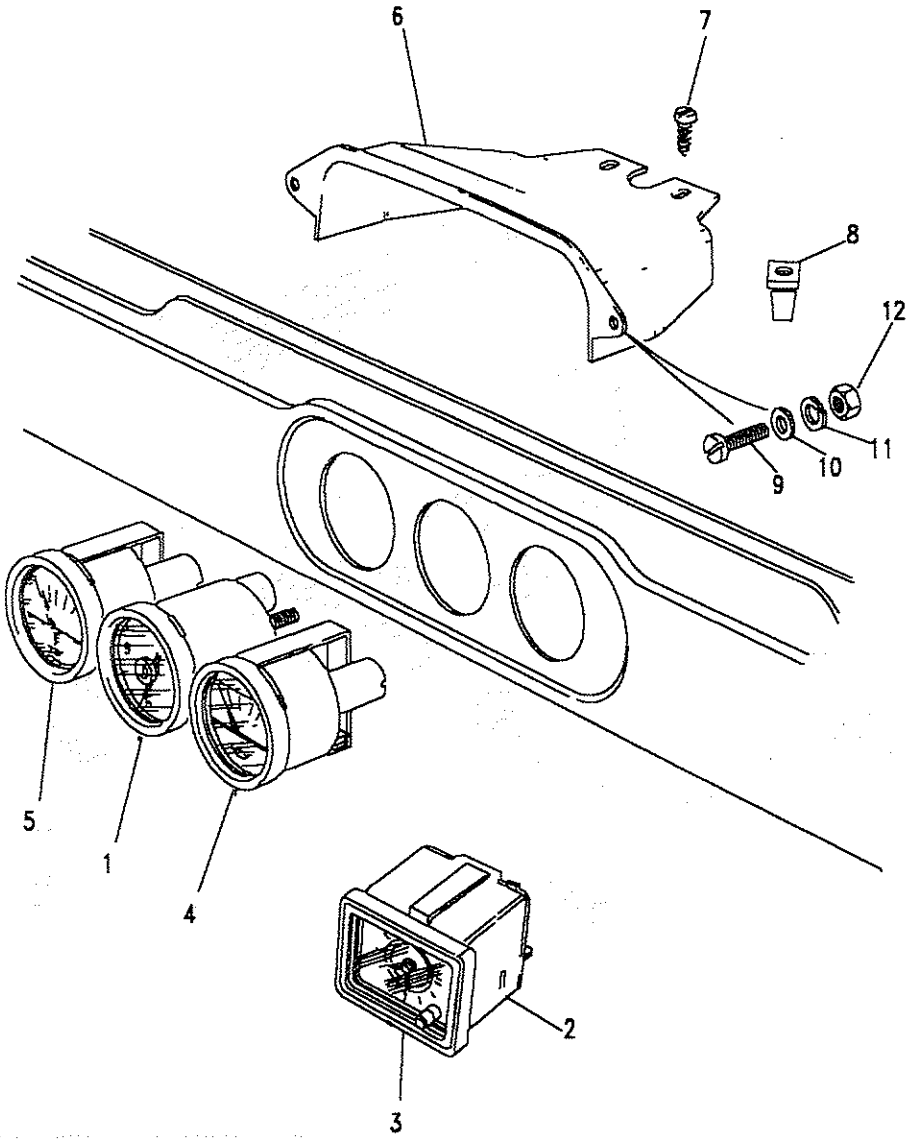



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## ELECTRICAL - INSTRUMENTS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 8 | PRC7311 | Gauge water temperature | 1 | Up to JA916603 |
| | AMR2070 | Gauge water temperature | 1 | From JA916604 up to KA928139 |
| | AMR2631 | Gauge water temperature | 1 | From KA928140 |
| 9 | PRC7313 | Gauge fuel | 1 | |
| 10 | MRC8225 | Plug blanking | 1 | Clock aperture |
| 11 | PRC7315 | Gauge battery condition | 1 | |
| 12 | PRC8879 | Module warning lamp | 1 | Up to KA929567 |
| | AMR2628 | Module warning light | 1 | From KA929568 |
| 13 | AEU2722 | Bulb holder | 13 | |
| 14 | AEU2723 | Bulb holder | 1 | NLA - use RTC3878 |
| 15 | RTC3635 | Bulb | 13 | 12V 1.2W |
| 16 | AEU2724 | Bulb | 1 | 6V 1.2W |
| 17 | AEU2721 | Printed circuit | 1 | |
| | WE104001L | Washer shakeproof | 2 | |
| | NH104041L | Nut | 2 | |
| **Police Vehicles** | | | | |
| | ZXC9121 | Speedometer | 1 | No longer available |
| | ZXC9120 | Cable speedometer 70" -gearbox to junction | 1 | 4 Cylinder |
| | ZXC9119 | Cable speedometer 80" -gearbox to junction | 1 | V8 |
| | ZXC9117 | Cable speedometer 26" -jnctn to main speedo | 1 | |
| | ZXC9118 | Cable speedometer 18.5" -jnctn to calibr speedo | 1 | |
| | ZXC9328 | Junction unit | 1 | |

Note(1) For round binnacle mounted clock see page 774

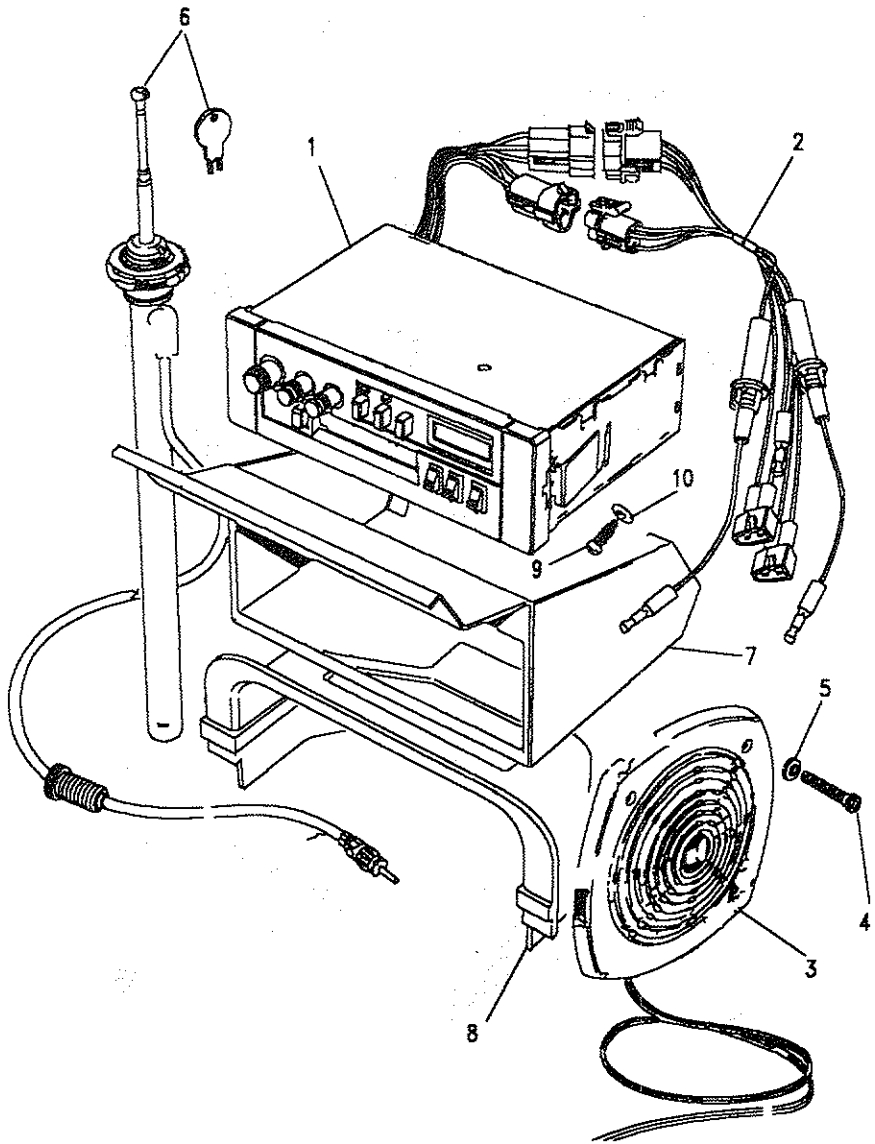



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## ELECTRICAL - CLOCK AND OIL GAUGES

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Clock in centre dash panel** | | | | |
| 1 | RTC6324 | Clock | 1 | Up to VIN 319166 |
| 2 | PRC4370 | Clock rectangular | 1 | From VIN 319167 Up to LA936688 |
| **Clock in main instrument binnacle** | | | | |
| | AMR3443 | Clock round | 1 | From LA936689 |
| 3 | PRC4324 | Bezel clock rectangular | 1 | From VIN 319167 |
| 4 | PRC7319 | Gauge oil pressure | 1 | Note(1) |
| | PRC7320 | Gauge oil pressure | 1 | V8 |
| 5 | PRC7318 | Gauge oil temperature | 1 | Note(1) |
| | PRC7318 | Gauge oil temperature | 1 | V8 |
| 6 | 346786 | Cover instruments | 1 | |
| 7 | AB606034 | Screw | 2 | |
| 8 | RTC3745 | Nut lokut | 2 | |
| 9 | SP105204 | Screw | 2 | |
| 10 | WC105007 | Washer plain | 2 | |
| 11 | WL105004 | Washer spring | 2 | |
| 12 | NH105041L | Nut | 2 | |

Note(1) 4 cyl. Petrol, nat. asp. Diesel and Diesel turbo only.

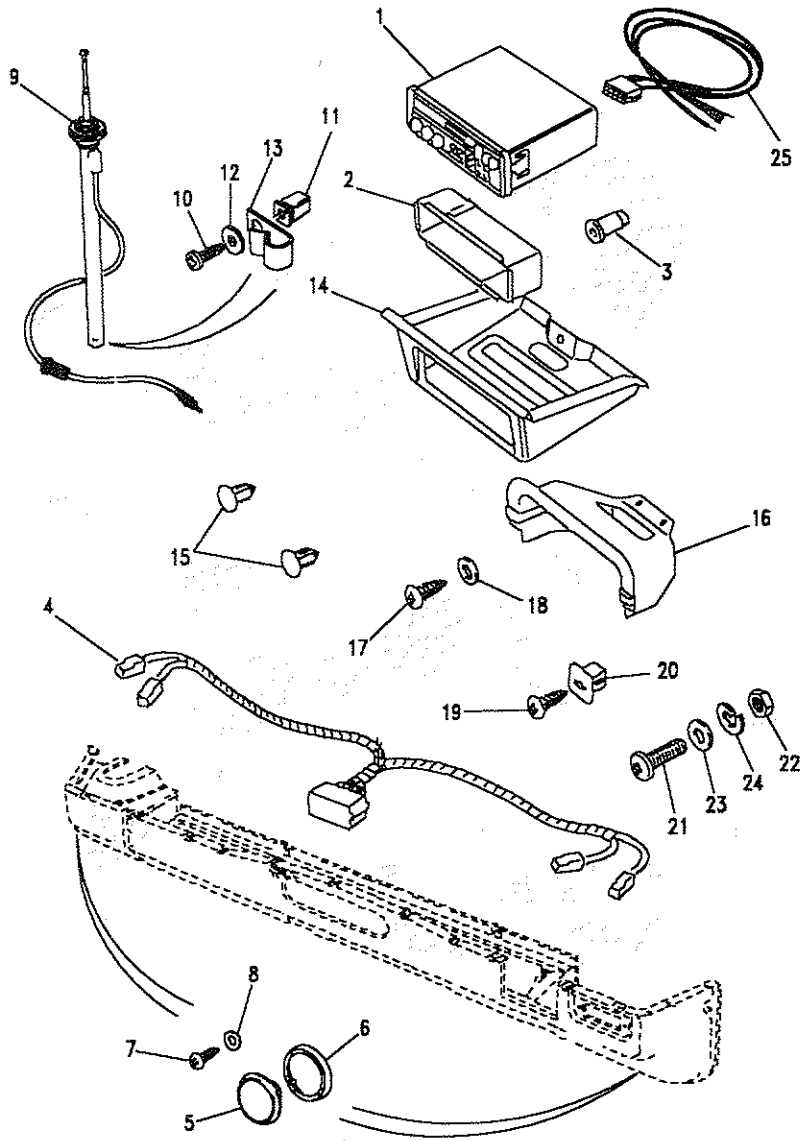



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**Page** ADMXKA1A

## ELECTRICAL - RADIO CASSETTE & LOUDSPEAKERS - UP TO LA939975

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC9188 | Radio cassette | 1 | Up to JA910822 |
| | PRC9937 | Radio cassette | 1 | From JA910823 |
| | PRC9941 | Cage radio mounting | 1 | From JA910823 |
| 2 | PRC6228 | Cable assembly | 1 | Up to JA910822 |
| | PRC9938 | Cable assembly | 1 | From JA910823 |
| 3 | PRC6348 | Speaker assembly | 2 | Up to JA910822 |
| | PRC9939 | Speaker assembly | 2 | From JA910823 |
| 4 | AD606074L | Screw | 8 | |
| 5 | WA104001L | Washer plain | 8 | |
| 6 | PRC4327 | Aerial | 1 | |
| 7 | MWC2526 | Housing radio | 1 | Note(1) |
| 8 | MWC2530 | Cover aux instruments | 1 | |
| 9 | AW608081 | Screw - radio housing | 2 | |
| 10 | WA105001L | Washer plain - housing | 2 | |
| | STC737 | Fitting kit audio | 1 | Note(2&3) |

Note(1) For 90SV use 95MY radio fixings as replacements.
Note(2) Required when fitting PRC9937 in place of PRC9188.
Note(3) Required when fitting radio to vehicles which are not pre-wired.

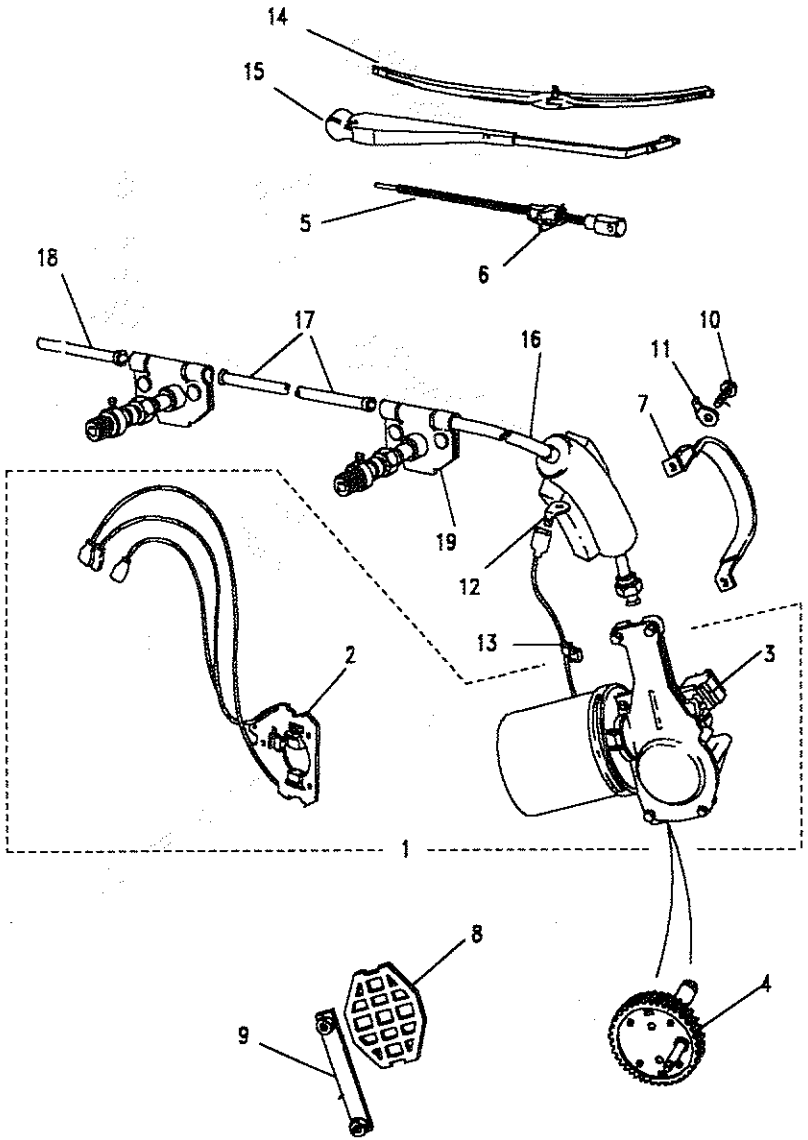



**Model** DEFENDER 90
**Page** ADMXKA2A

**ELECTRICAL - RADIO CASSETTE & LOUDSPEAKERS - FROM MA939976**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | AMR3414 | Radio cassette | 1 | |
| 2 | PRC9941 | Cage radio mounting | 1 | |
| 3 | XQJ10002 | Radio location bung | 1 | |
| 4 | AMR3294 | Harness speaker | 1 | |
| 5 | AMR3417 | Speaker assy | 2 | |
| 6 | AMR3840 | Spacer - speaker | 2 | From MA943790 |
| 7 | AD606074L | Screw - speaker | 8 | Up to MA943789 |
| | AD606124 | Screw - speaker | 8 | From MA943790 |
| 8 | WA104001L | Washer plain - speaker | 8 | Up to MA943789 |
| | WA104004 | Washer plain - speaker | 8 | From MA943790 |
| 9 | AMR3418 | Aerial | 1 | |
| 10 | AB614061 | Screw - aerial | 1 | |
| 11 | CZK3164 | Nut - aerial | 1 | |
| 12 | MRC5527 | Washer - aerial | 1 | |
| 13 | NRC2383 | Clip - aerial | 1 | |
| 14 | BTR8593LDQ | Housing radio | 1 | |
| 15 | AFU1897 | Fastener - radio housing | 2 | |
| 16 | BTR9552 | Cover aux instruments | 1 | |
| 17 | AW608081 | Screw - radio housing | 2 | |
| 18 | WA105001L | Washer plain - housing | 2 | |
| 19 | AB606034 | Screw - inst. cover | 2 | |
| 20 | CZH0619 | Nut lokut - inst. cover | 2 | |
| 21 | SE105204 | Screw M5 - inst. cover | 2 | |
| 22 | NH105041 | Nut M5 - inst. cover | 2 | |
| 23 | WC105004 | Washer M5 - inst. cover | 4 | |
| 24 | WL105004 | Washer spring M5 | 2 | |
| 25 | STC1747 | Radio power lead | 1 | Note(1) |

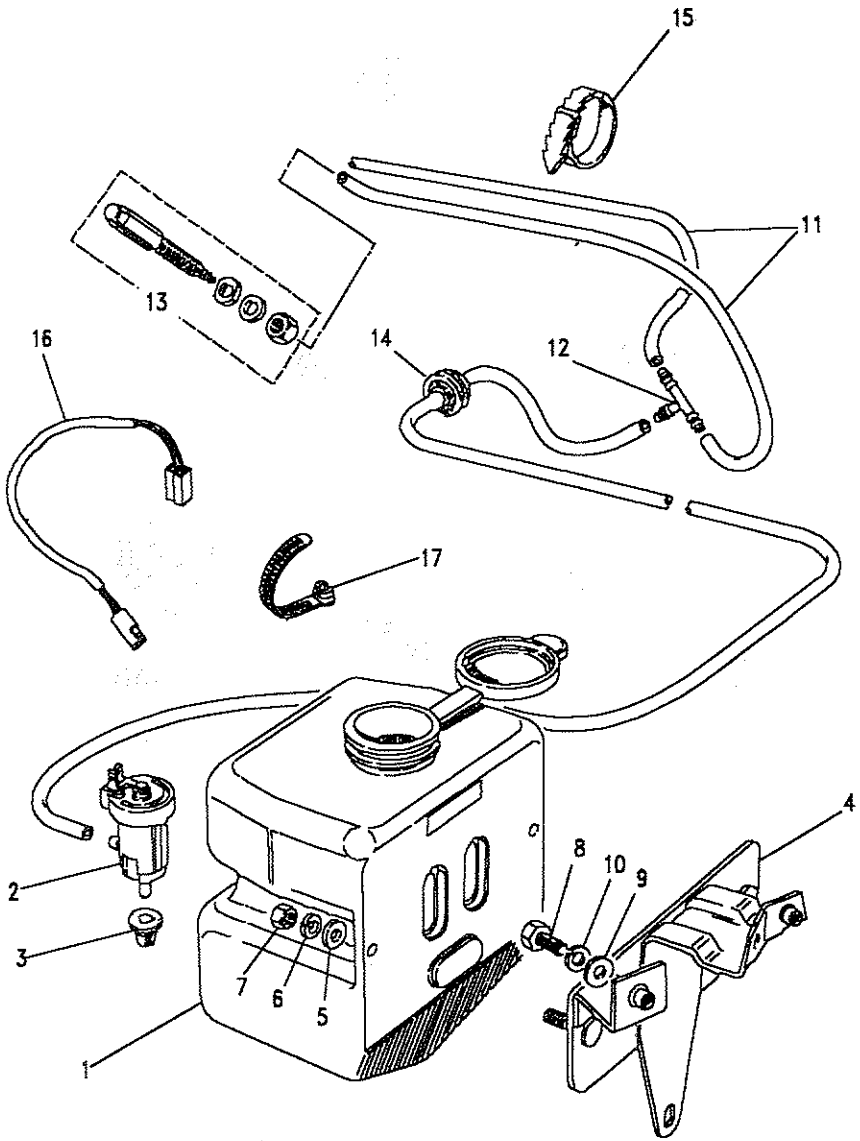
Note(1) Required when fitting radio to vehicles which are not pre-wired.




**Model** DEFENDER 90
**Page** ADMXMA1A

**ELECTRICAL - WINDSCREEN WIPERS**

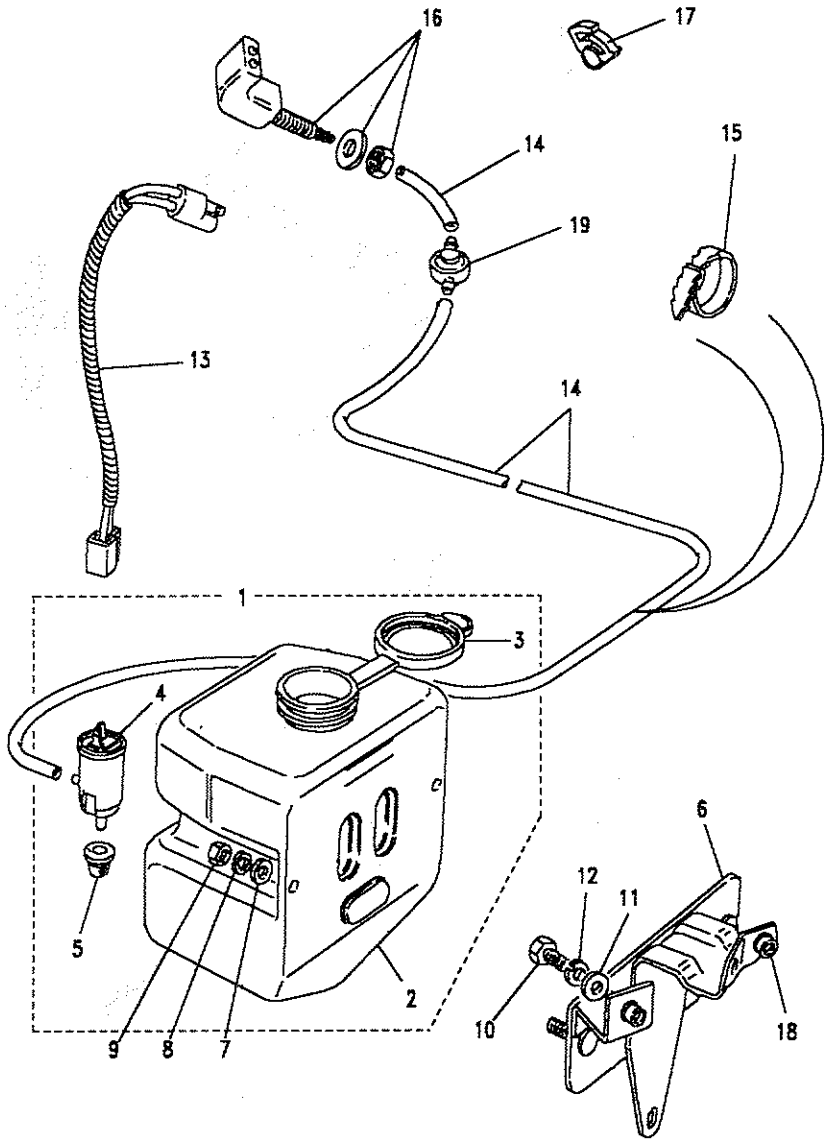
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC3867 | Motor wiper front | 1 | |
| 2 | RTC198 | Brush set | 1 | |
| 3 | 520160 | Switch park | 1 | |
| 4 | 517646 | Gear | 1 | 115 degrees |
| 5 | 37H5208L | Rack | 1 | |
| 6 | 37H3694L | Ferrule | 1 | |
| 7 | BHA4790L | Strap | 1 | |
| 8 | 150844 | Pad | 1 | |
| 9 | MTC2607 | Nut plate | 1 | |
| 10 | SE106161L | Screw | 2 | |
| 11 | 505205 | Lucar Blade | 1 | Wiper earth |
| 12 | STC712 | Lucar Blade | 1 | Wiper earth Pick Up |
| 13 | 570351 | Cable clip | 1 | Pick up |
| 14 | PRC8559 | Blade wiper | 2 | |
| 15 | PRC4276 | Arm wiper | 2 | RHS |
| | PRC4277 | Arm wiper | 2 | LHS |
| 16 | PRC3671 | Tube | 1 | RHS |
| | PRC3672 | Tube | 1 | LHS |
| 17 | PRC2471 | Tube | 1 | |
| 18 | 575047 | Tube | 1 | |
| 19 | PRC8495 | Wheelbox | 2 | From FA434631 |
| 20 | RTC4480 | Drum splined -pinch bolt type | 2 | Up to FA434630 |
| | STC987 | Drum splined -grub screw type | 2 | From FA434631 |
| | MUC3933 | Cover wiper pinch bolt | 2 | Germany |




**Model** DEFENDER 90
**Page** ADMXMC1A

## ELECTRICAL - WINDSCREEN WASH

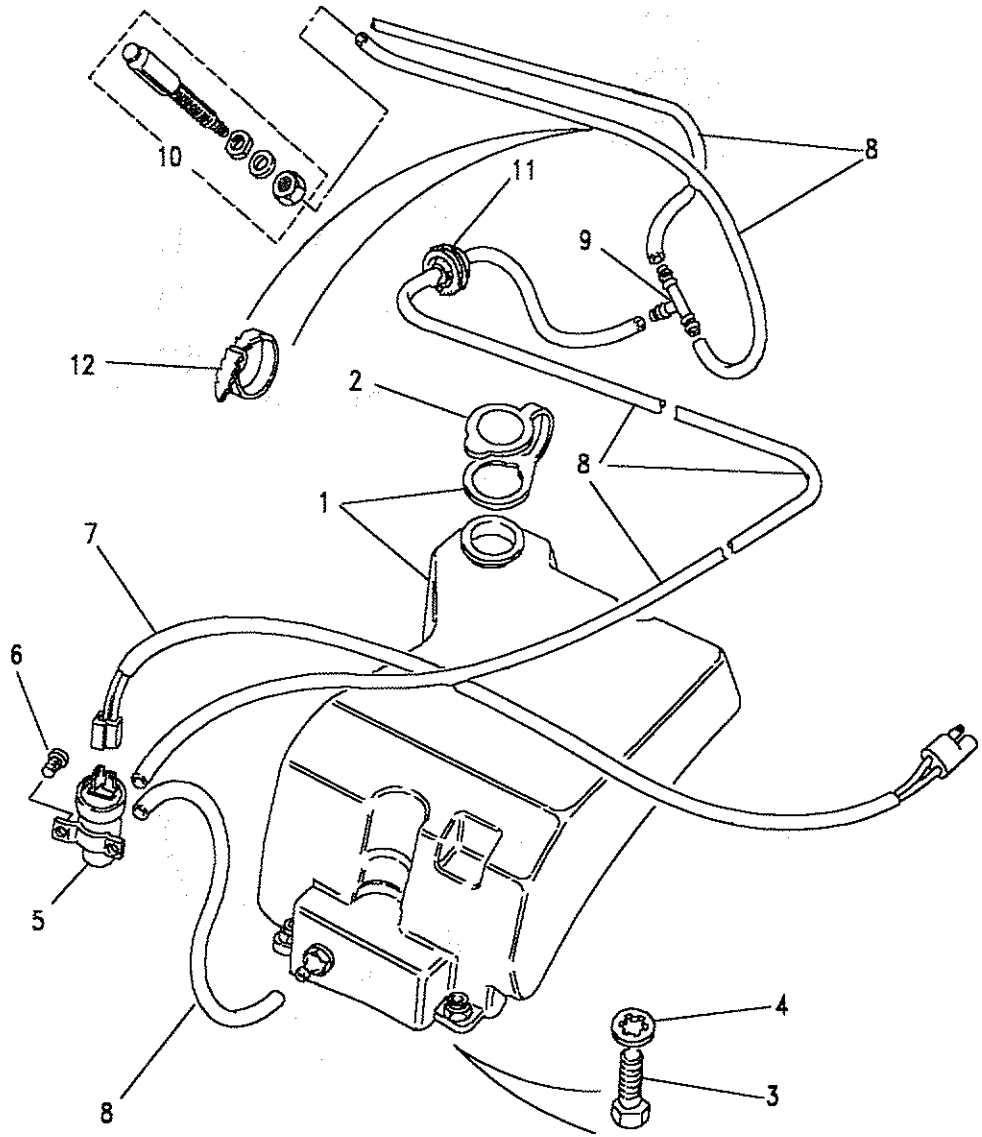
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles fitted with standard heater unit - up to VIN 270226** | | | | |
| 1 | PRC3340 | Reservoir | 1 | |
| | PRC8664 | Cap reservoir | 1 | |
| 2 | ADU3905 | Pump | 1 | |
| 3 | RTC3959 | Grommet | 1 | |
| 4 | PRC3978 | Bracket mounting RH | 1 | |
| | PRC3977 | Bracket mounting LH | 1 | |
| 5 | WC106041L | Washer plain | 2 | |
| 6 | WL106001L | Washer spring | 2 | |
| 7 | NH106041L | Nut | 3 | |
| 8 | SE106121L | Screw | 1 | |
| 9 | WA106041L | Washer plain | 1 | |
| 10 | WL106001L | Washer spring | 1 | |
| 11 | RTC3650 | Tube | A/R | |
| 12 | C15644L | Tee piece | 1 | |
| 13 | PRC2437 | Jet | 2 | |
| 14 | 555711 | Grommet | 1 | |
| 15 | RTC222 | Strap | 3 | |
| 16 | PRC3101 | Harness washer pump | 1 | |
| 17 | C45099L | Cable tie | 4 | |




**Model** DEFENDER 90
**Page** ADMXMC2A

**ELECTRICAL - WINDSCREEN WASH**

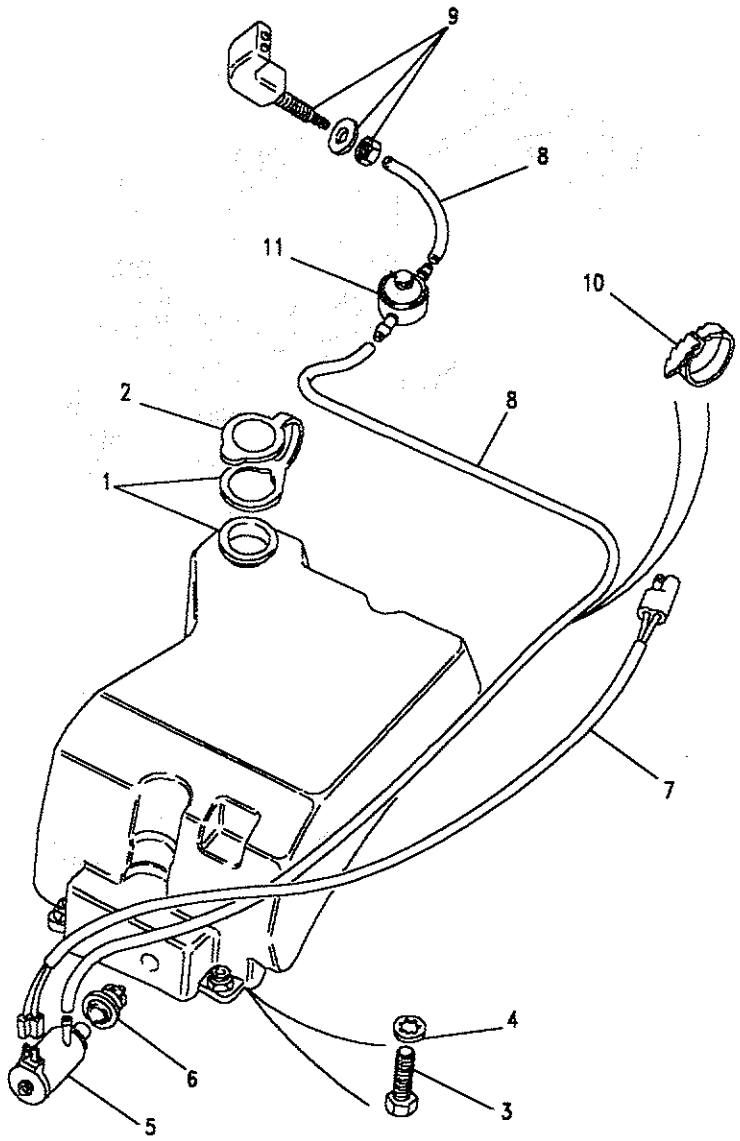
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles fitted with standard heater unit - from VIN 270227** | | | | |
| 1 | AMR3756 | Reservoir assembly | 1 | |
| 2 | PRC5744 | Reservoir | 1 | |
| 3 | PRC8664 | Cap reservoir | 1 | |
| 4 | ADU3905 | Pump | 1 | |
| 5 | RTC3959 | Grommet | 1 | |
| 6 | PRC5742 | Bracket mounting RH | 1 | |
| | PRC5741 | Bracket mounting LH | 1 | |
| 7 | WC106041L | Washer plain | 2 | |
| 8 | WL106001L | Washer spring | 2 | |
| 9 | NH106041L | Nut | 2 | |
| 10 | SH106121L | Screw | 1 | |
| 11 | WA106041L | Washer plain | 1 | |
| 12 | WL106001L | Washer spring | 1 | |
| 13 | PRC5738 | Cable assembly | 1 | Up to LA939975 |
| | AMR2474 | Cable assembly | 1 | From MA939976 |
| 14 | RTC3650 | Tubing | A/R | |
| 15 | RTC222 | Strap | 3 | |
| 16 | PRC5736 | Jet windscreen | 1 | Up to LA930671 |
| | AMR3025 | Jet windscreen | 1 | From LA930672 |
| 17 | AMR3012 | Clip retaining | 1 | From LA930672 |
| 18 | NN106021 | Nut anchor | 2 | |
| 19 | ACU5037 | Valve non return | 1 | From HA455946 |




**Model** DEFENDER 90
**Page** ADMXMC3A

**ELECTRICAL - WINDSCREEN WASH**

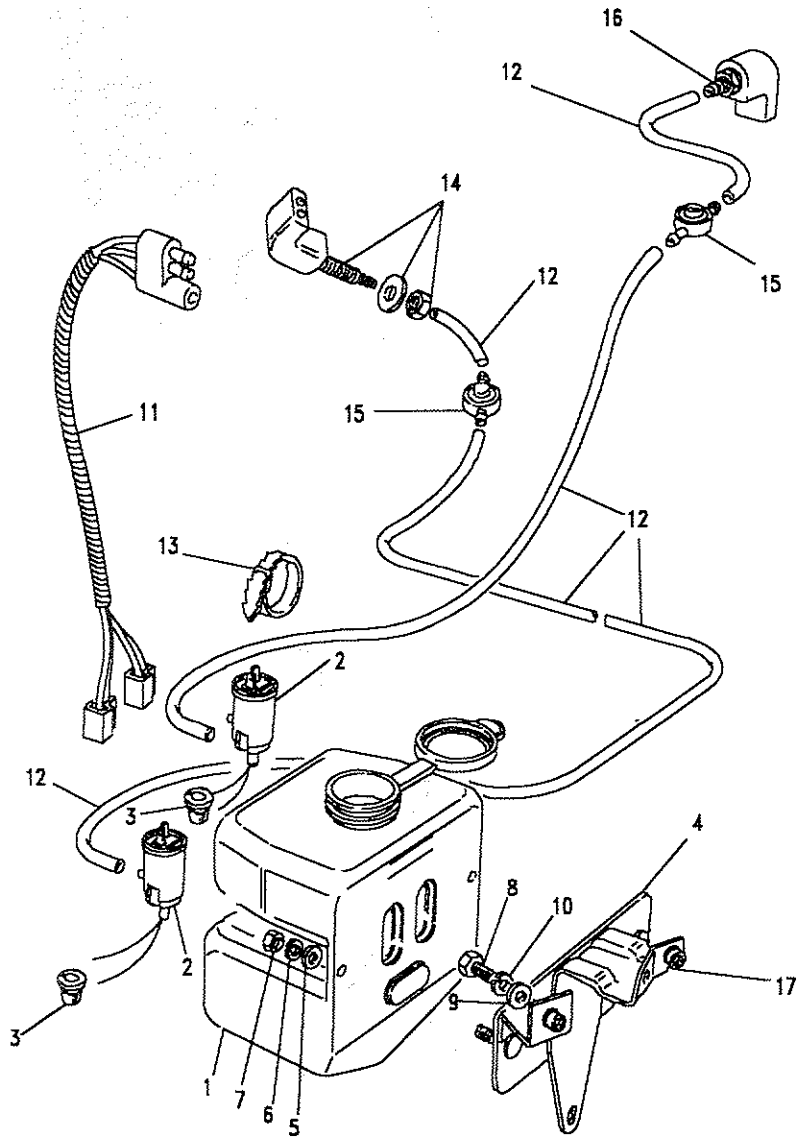
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles fitted with air-conditioning - up to VIN 270226** | | | | |
| 1 | PRC3786 | Reservoir | 1 | |
| 2 | PRC2854 | Cap reservoir | 1 | |
| 3 | 78210 | Screw | 3 | |
| 4 | WF600041L | Washer shakeproof | 3 | |
| 5 | PRC3369 | Pump | 1 | |
| 6 | AB606051L | Screw | 2 | |
| 7 | PRC3794 | Cable assembly | 1 | |
| 8 | RTC3650 | Tubing | A/R | |
| 9 | C15644 | Tee piece | 1 | |
| 10 | PRC2437 | Jet | 2 | |
| 11 | 555711 | Grommet | 1 | |
| 12 | RTC222 | Strap | 3 | |




**Model** DEFENDER 90
**Page** ADMXMC4A

**ELECTRICAL - WINDSCREEN WASH**

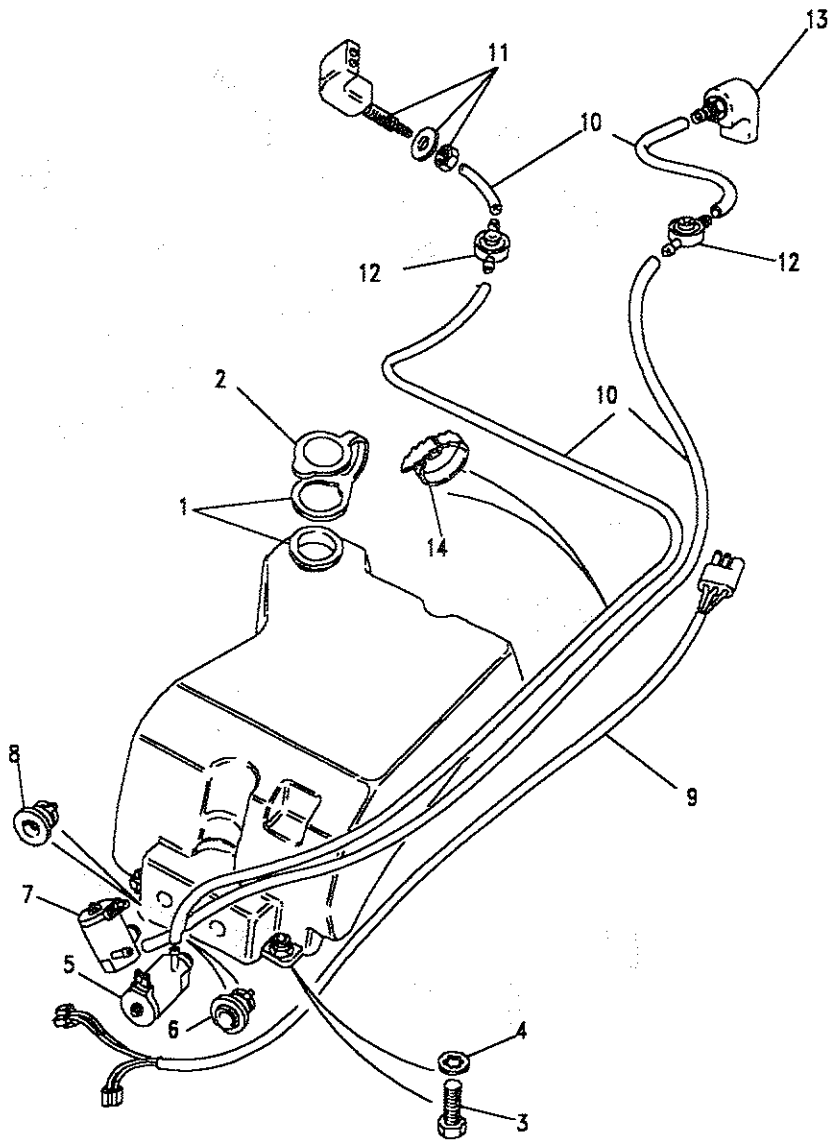
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles fitted with air-conditioning - from VIN 270227** | | | | |
| 1 | PRC5756 | Reservoir | 1 | |
| 2 | PRC2854 | Cap reservoir | 1 | |
| 3 | 78210 | Screw | 3 | |
| 4 | WF600041L | Washer shakeproof | 3 | |
| 5 | DRC2713L | Pump | 1 | |
| 6 | RTC5827 | Grommet | 1 | |
| 7 | PRC3794 | Cable assembly | 1 | Up to LA939975 |
| | AMR2978 | Cable assembly | 1 | From MA939976 |
| 8 | RTC3650 | Tubing | A/R | |
| 9 | PRC5736 | Jet Windscreen | 1 | Up to LA930671 |
| | AMR3025 | Jet windscreen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 10 | RTC222 | Strap | 3 | |
| 11 | ACU5037 | Valve non return | 1 | From HA455946 |




**Model** DEFENDER 90
**Page** ADMXMC5A

**ELECTRICAL - FRONT/REAR SCREEN WASH**

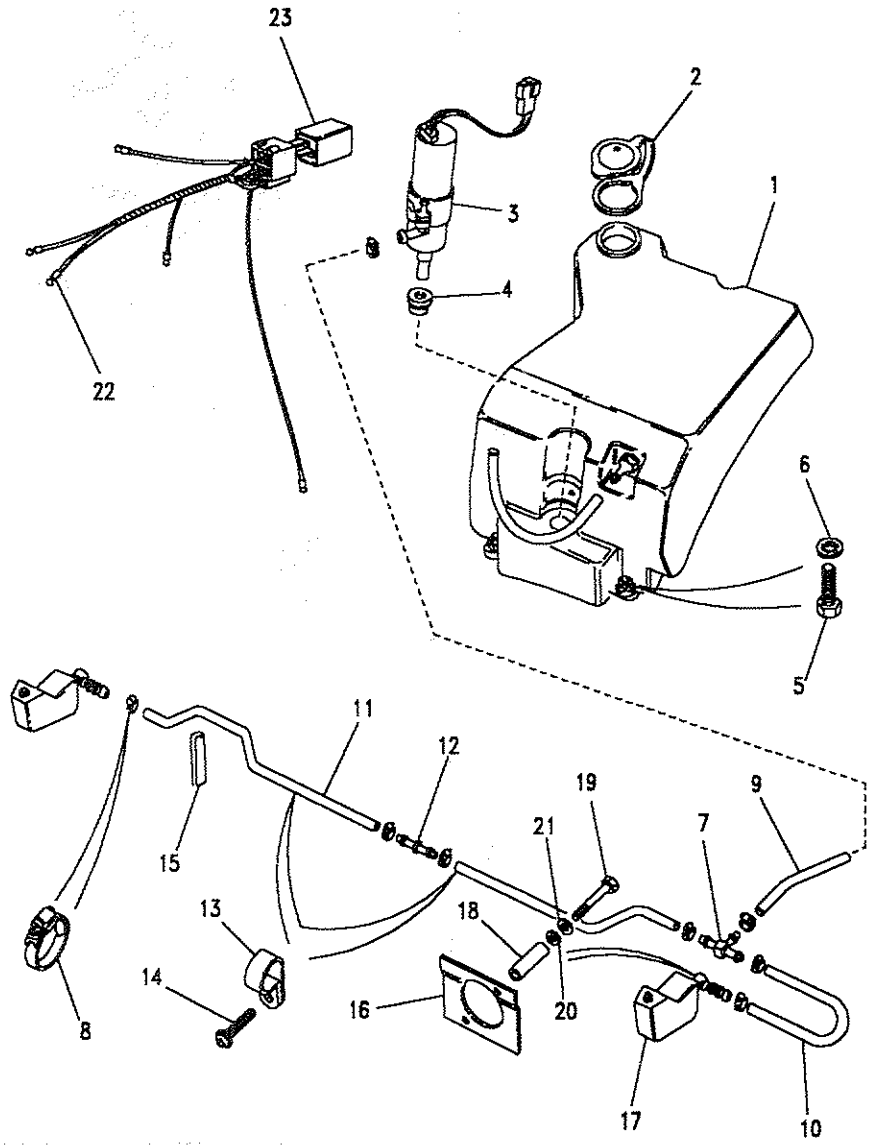
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles fitted with standard heater unit - from VIN 270227** | | | | |
| 1 | PRC5747 | Reservoir | 1 | |
| | PRC8664 | Cap reservoir | 1 | |
| 2 | ADU3905 | Pump windscreen wash | 1 | |
| | ADU3905 | Pump rear screen wash | 1 | |
| 3 | RTC3959 | Grommet | 2 | |
| 4 | PRC5742 | Bracket mounting RH | 1 | |
| | PRC5741 | Bracket mounting LH | 1 | |
| 5 | WC106041L | Washer plain | 2 | |
| 6 | WL106001L | Washer spring | 2 | |
| 7 | NH106041L | Nut | 2 | |
| 8 | SH106121L | Screw | 1 | |
| 9 | WA106041L | Washer plain | 1 | |
| 10 | WL106001L | Washer spring | 1 | |
| 11 | PRC5738 | Cable assembly | 1 | Up to LA939975 |
| | AMR2474 | Cable assembly | 1 | From MA939976 |
| 12 | RTC3650 | Tubing | A/R | |
| 13 | RTC222 | Strap | 3 | |
| 14 | PRC5736 | Jet windscreen | 1 | Up to LA930671 |
| | AMR3025 | Jet windscreen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 15 | ACU5037 | Valve non return -rear screen wash | 1 | |
| | ACU5037 | Valve non return -windscreen wash | 1 | From HA455946 |
| 16 | PRC5802 | Jet rear screen | 1 | Upto LA930671 |
| | AMR3026 | Jet rear screen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 17 | NN106021 | Nut anchor | 2 | |




**Model** DEFENDER 90
**Page** ADMXMC6A

## ELECTRICAL - FRONT/REAR SCREEN WASH

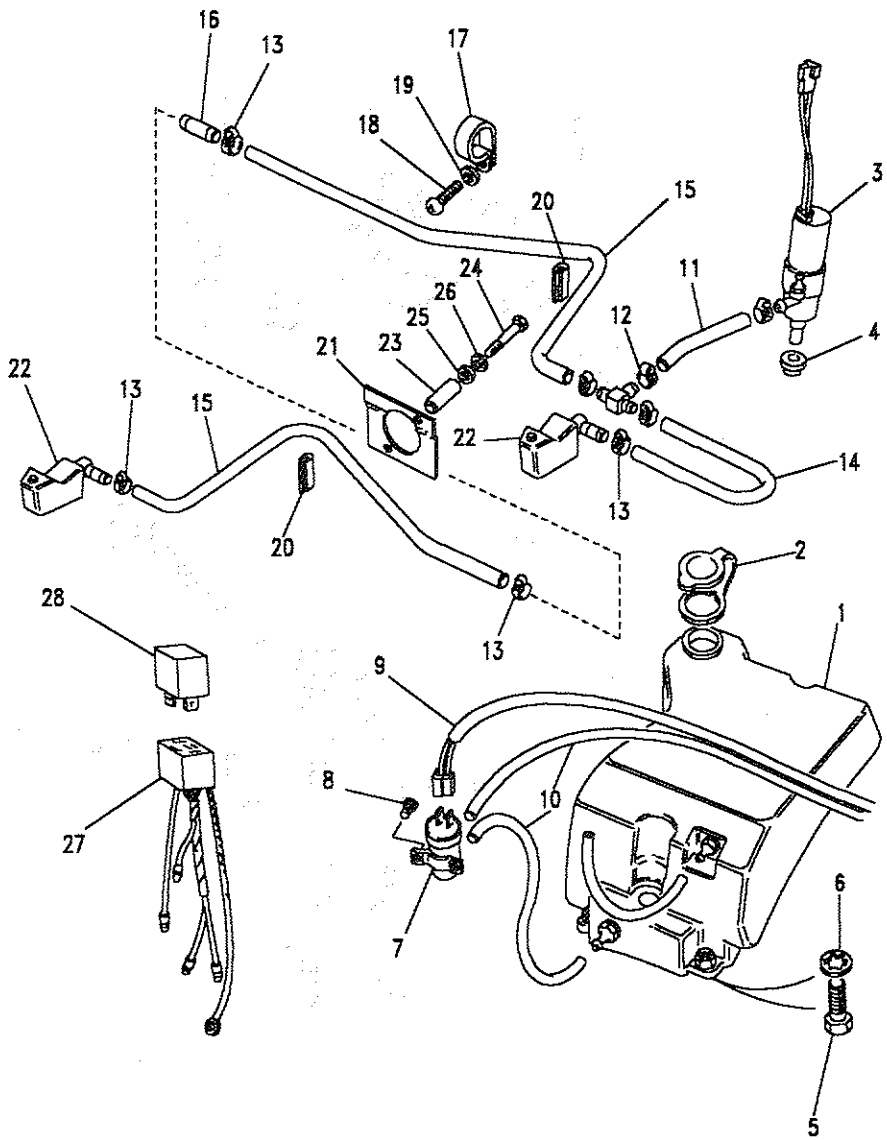
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles fitted with air-conditioning - from VIN 270227** | | | | |
| 1 | PRC5765 | Reservoir | 1 | |
| 2 | PRC2854 | Cap reservoir | 1 | |
| 3 | 78210 | Screw | 3 | |
| 4 | WF600041L | Washer shakeproof | 3 | |
| 5 | DRC2713L | Pump windscreen wash | 1 | |
| 6 | RTC5827 | Grommet | 1 | |
| 7 | ADU6693L | Pump rear screen wash | 1 | |
| 8 | RTC5828 | Grommet | 1 | |
| 9 | PRC5739 | Cable assembly | 1 | Up to LA939975 |
| | AMR2979 | Cable assembly | 1 | From MA939976 |
| 10 | RTC3650 | Tubing | A/R | |
| 11 | PRC5736 | Jet windscreen | 1 | Up to LA930671 |
| | AMR3025 | Jet windscreen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 12 | ACU5037 | Valve non return -windscreen wash | 1 | From HA455946 |
| | ACU5037 | Valve non return -rear screen wash | 1 | |
| 13 | PRC5802 | Jet rear screen | 1 | Up to LA930671 |
| | AMR3026 | Jet rear screen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 14 | RTC222 | Strap | 3 | |




**Model** DEFENDER 90
**Page** ADMXME1A

## ELECTRICAL - HEADLAMP WASH

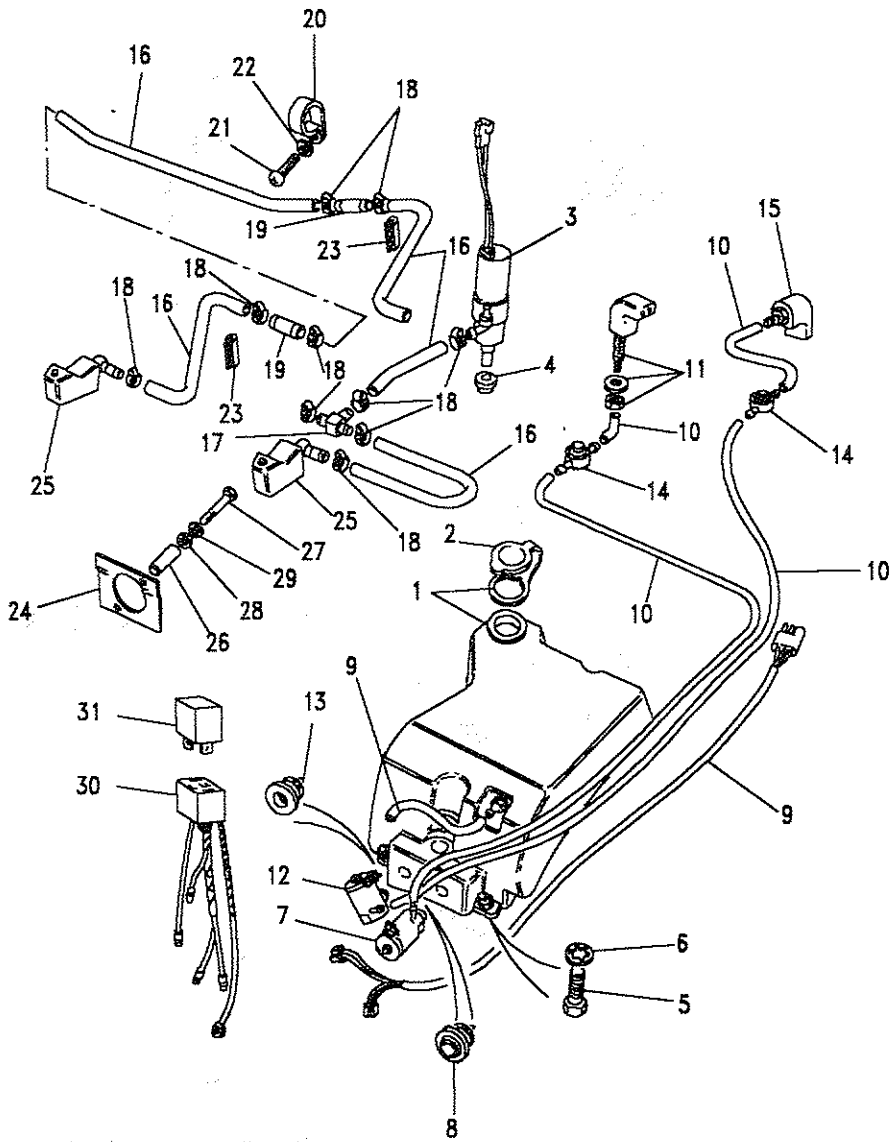
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with standard heater unit - up to VIN 270226** | | | | |
| 1 | PRC3300 | Reservoir | 1 | |
| 2 | PRC2854 | Cap reservoir | 1 | |
| 3 | ADU6409L | Pump headlamp wash | 1 | |
| 4 | ADU6418L | Grommet | 1 | |
| 5 | 78210 | Screw | 3 | |
| 6 | WF600041L | Washer shakeproof | 3 | |
| 7 | EAM5549L | Tee piece | 1 | |
| 8 | CJ600144L | Clip hose | 8 | |
| 9 | PRC3231 | Tubing | 1 | |
| 10 | PRC3232 | Tubing-to LH jet | 1 | |
| 11 | PRC5127 | Tubing-to connector | 1 | |
| | PRC5127 | Tubing-to RH jet | 1 | |
| 12 | PRC3030 | Connector | 1 | |
| 13 | C34950L | Clip retaining | 2 | |
| 14 | AB606051L | Screw | 2 | |
| | WA104001L | Washer plain | 2 | |
| 15 | DRC1530 | Finisher edge | 2 | |
| 16 | MRC8564 | Stiffener | 2 | |
| 17 | PRC2291 | Jet headlamp wash | 2 | |
| 18 | PRC3250 | Spacer | 4 | |
| 19 | BH106141L | Bolt | 4 | |
| 20 | WA106041L | Washer plain | 4 | |
| 21 | WL106001L | Washer spring | 4 | |
| 22 | PRC5141 | Cable assy headlamp wash | 1 | |
| 23 | ADU1784L | Delay unit | 1 | |




**Model** DEFENDER 90
**Page** ADMXME2A

## ELECTRICAL - HEADLAMP/SCREEN WASH

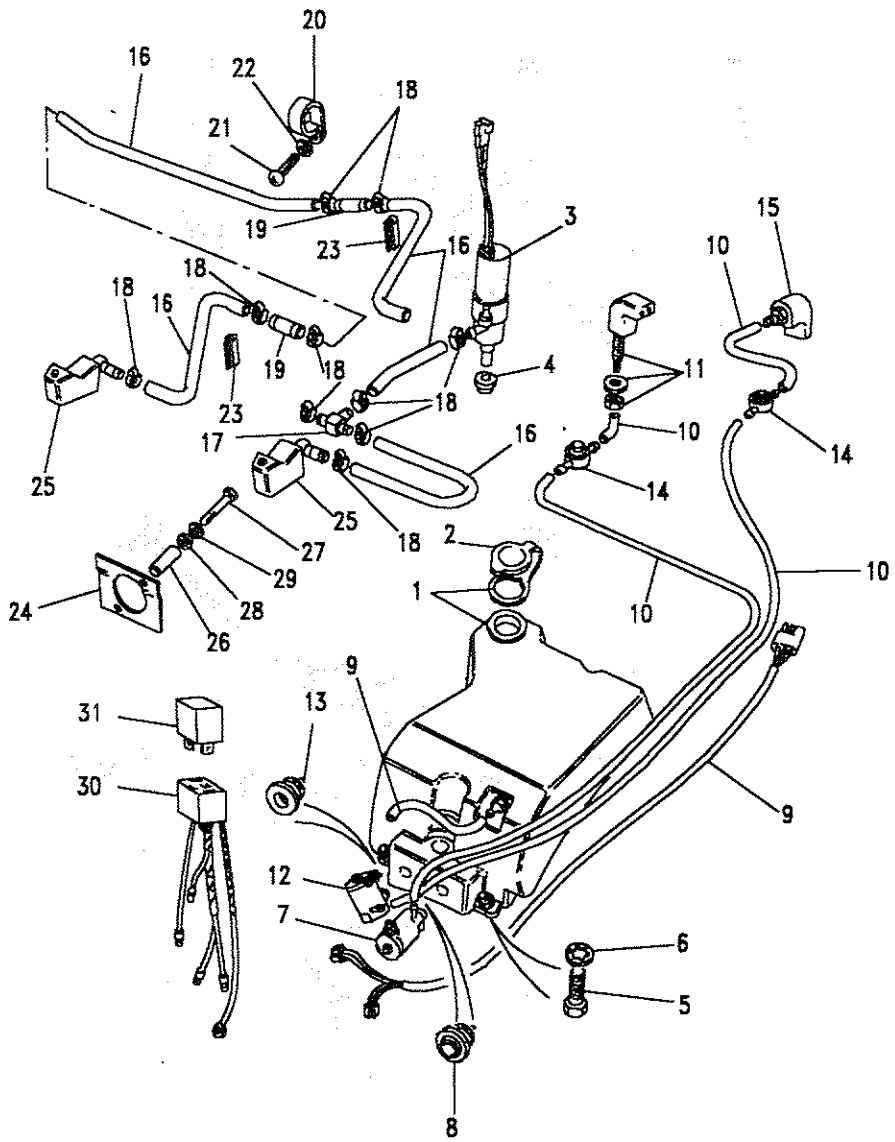
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with air-conditioning - up to VIN 270226** | | | | |
| 1 | PRC3780 | Reservoir | 1 | |
| 2 | PRC2854 | Cap reservoir | 1 | |
| 3 | ADU6409L | Pump headlamp wash | 1 | |
| 4 | ADU6418L | Grommet | 1 | |
| 5 | 78210 | Screw | 3 | |
| 6 | WF600041L | Washer shakeproof | 3 | |
| 7 | PRC3369 | Pump windscreen wash | 1 | |
| 8 | AB606051L | Screw | 2 | |
| 9 | PRC3794 | Cable assembly | 1 | Up to LA939975 |
| | AMR2978 | Cable assembly | 1 | From MA939976 |
| 10 | RTC3650 | Tubing | A/R | |
| 11 | PRC3231 | Tubing | 1 | |
| 12 | EAM5549L | Tee piece | 1 | |
| 13 | CJ600041L | Clip hose | 8 | |
| 14 | PRC3232 | Tubing-to LH jet | 1 | |
| 15 | PRC1527 | Tubing-to connector | 1 | |
| | PRC1527 | Tubing-to RH jet | 1 | |
| 16 | PRC3030 | Connector | 1 | |
| 17 | C34950L | Clip retaining | 2 | |
| 18 | AB606051L | Screw | 2 | |
| 19 | WA104001L | Washer plain | 2 | |
| 20 | DRC1530 | Finisher edge | 2 | |
| 21 | MRC8564 | Stiffener | 2 | |
| 22 | PRC2291 | Jet headlamp wash | 2 | |
| 23 | PRC3250 | Spacer | 4 | |
| 24 | BH106141L | Bolt | 4 | |
| 25 | WA106041L | Washer plain | 4 | |
| 26 | WL106001L | Washer spring | 4 | |
| 27 | PRC5141 | Cable assembly | 1 | |
| 28 | DU1784L | Delay unit | 1 | |




**Model** DEFENDER 90
**Page** ADMXME3A

**ELECTRICAL - HEADLAMP/FRONT/REAR SCREEN WASH**

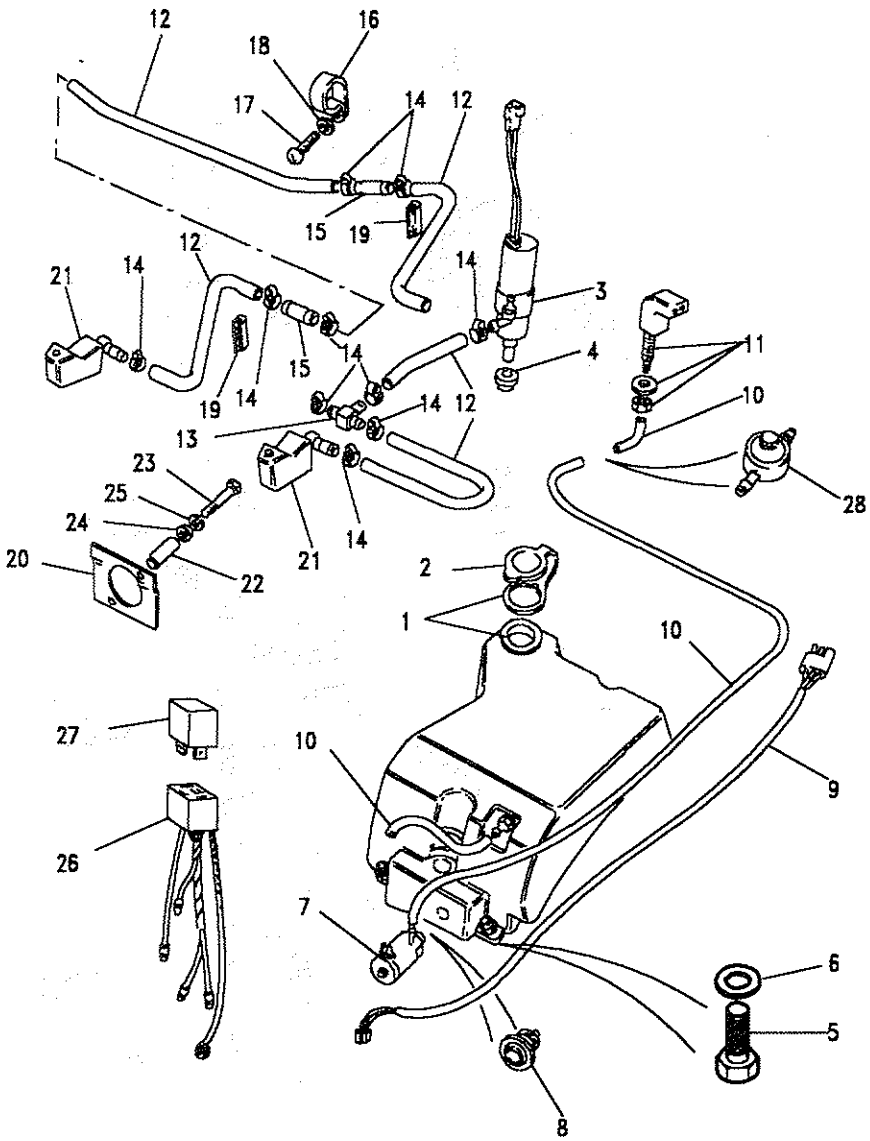
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with standard heater unit - from VIN 270227** | | | | |
| 1 | PRC5777 | Reservoir | 1 | |
| 2 | PRC2854 | Cap reservoir | 1 | |
| 3 | ADU6409L | Pump headlamp wash | 1 | |
| 4 | ADU6418L | Grommet | 1 | |
| 5 | 78210 | Screw | 3 | |
| 6 | WF600041L | Washer shakeproof | 3 | |
| 7 | DRC2713L | Pump windscreen wash | 1 | |
| 8 | RTC5827 | Grommet | 1 | |
| 9 | PRC5739 | Cable assembly | 1 | Up to LA939975 |
| | AMR2979 | Cable assembly | 1 | From MA939976 |
| 10 | RTC3650 | Tubing | A/R | |
| 11 | PRC5736 | Jet windscreen | 1 | Up to LA930671 |
| | AMR3025 | Jet windscreen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 12 | ADU6693L | Pump rear screen wash | 1 | |
| 13 | RTC5828 | Grommet | 1 | |
| 14 | ACU5037 | Valve non return -windscreen wash | 1 | From HA455946 |
| | ACU5037 | Valve non return -rear screen wash | 1 | |
| 15 | PRC5802 | Jet rear screen | 1 | Up to LA930671 |
| | AMR3026 | Jet rear screen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 16 | RTC4848 | Tubing | A/R | |
| 17 | EAM5549L | T Piece | 1 | |
| 18 | CJ600041L | Clip hose | 8 | |
| 19 | PRC3030 | Connector | 2 | |
| 20 | C34950L | Clip retaining | 3 | |
| 21 | AB606051L | Screw | 3 | |
| 22 | WA104001L | Washer plain | 3 | |
| 23 | DRC1530 | Finisher edge | 2 | |
| 24 | MRC8564 | Stiffener | 2 | |
| 25 | PRC2291 | Jet headlamp wash | 2 | |




**Model** DEFENDER 90
**Page** ADMXME3A

**ELECTRICAL - HEADLAMP/FRONT/REAR SCREEN WASH**

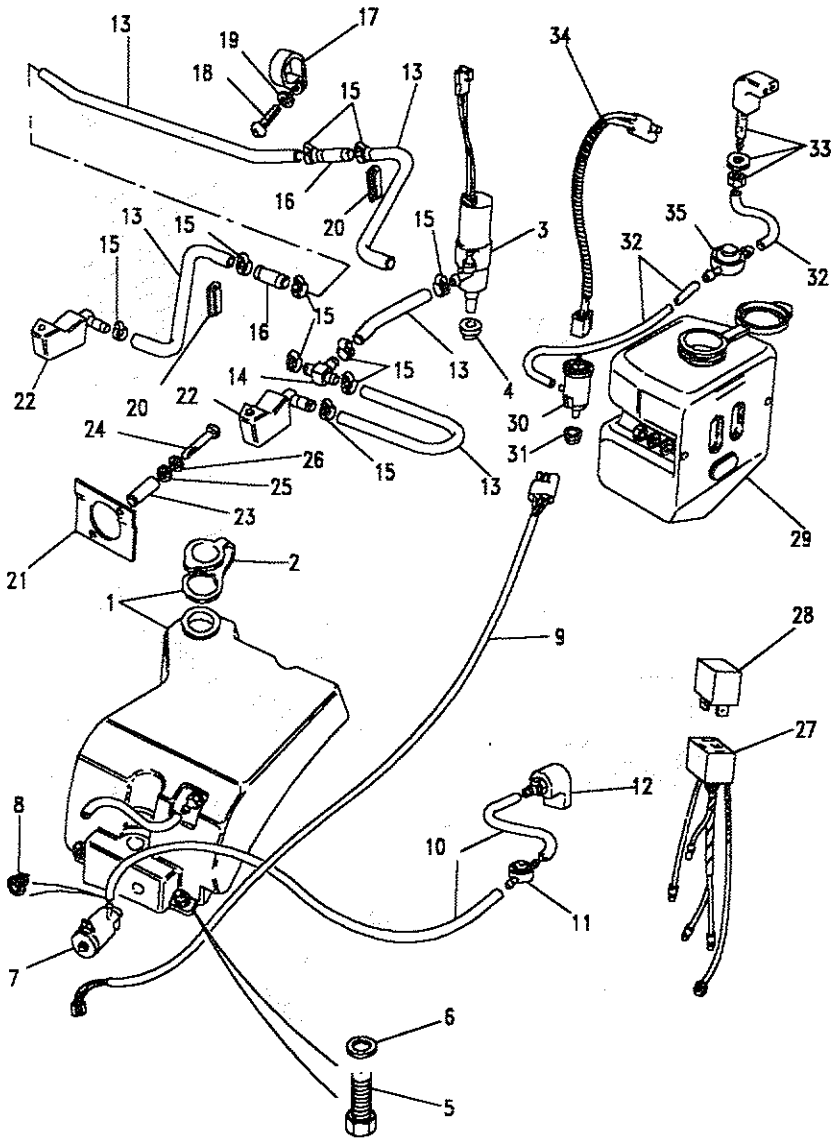
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 26 | PRC3250 | Spacer | 4 | |
| 27 | BH106141L | Bolt | 4 | |
| 28 | WA106041L | Washer plain | 4 | |
| 29 | WL106001L | Washer spring | 4 | |
| 30 | PRC5141 | Cable assembly | 1 | |
| 31 | DU1784L | Delay unit | 1 | |




**Model** DEFENDER 90
**Page** ADMXME5A

## ELECTRICAL - HEADLAMP/SCREEN WASH

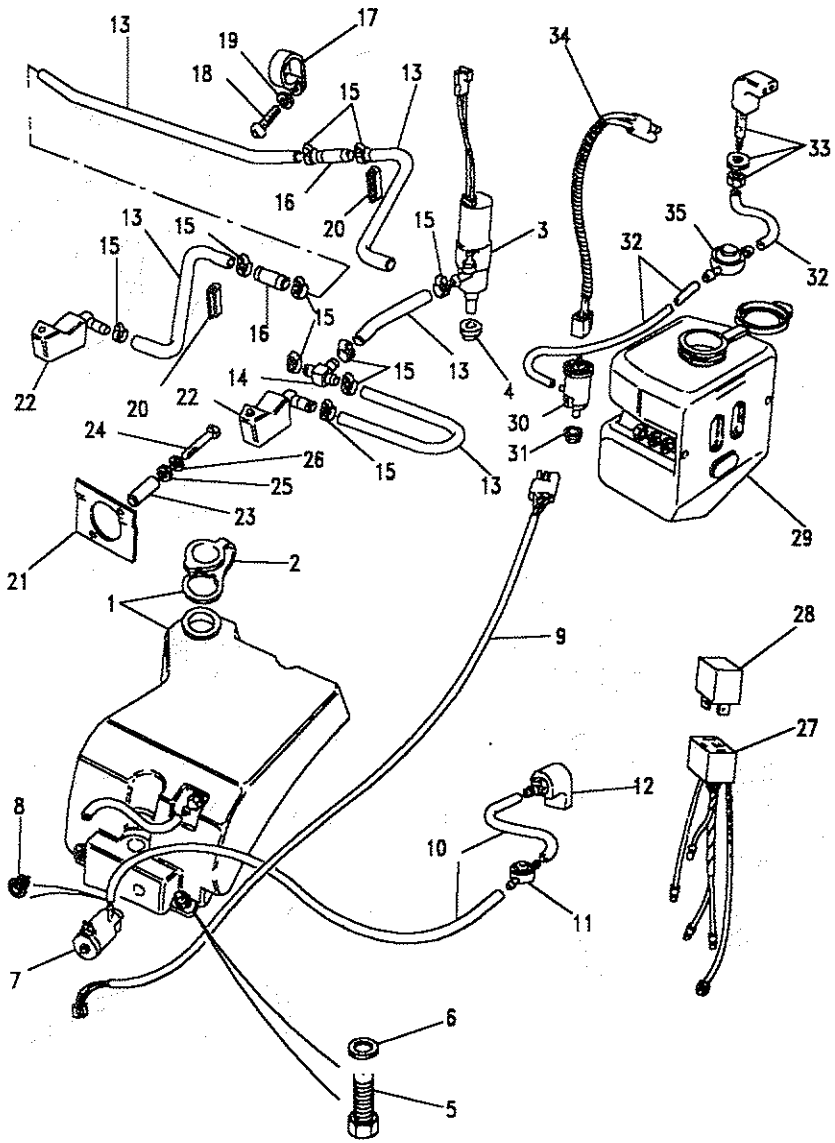
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with air-conditioning - from VIN 270227** | | | | |
| 1 | PRC5773 | Reservoir | 1 | |
| 2 | PRC2854 | Cap reservoir | 1 | |
| 3 | ADU6409L | Pump headlamp wash | 1 | |
| 4 | ADU6418L | Grommet | 1 | |
| 5 | 78210 | Screw | 3 | |
| 6 | WF600041L | Washer shakeproof | 3 | |
| 7 | DRC2713L | Pump windscreen wash | 1 | |
| 8 | RTC5827 | Grommet | 1 | |
| 9 | PRC3794 | Cable assembly | 1 | Up to LA939975 |
| | AMR2978 | Cable assembly | 1 | From MA939976 |
| 10 | RTC3650 | Tubing | A/R | |
| 11 | PRC5736 | Jet windscreen | 1 | Up to LA930671 |
| | AMR3025 | Jet windscreen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 12 | RTC4848 | Tubing | A/R | |
| 13 | EAM5549L | Tee piece | 1 | |
| 14 | CJ600041L | Clip hose | 8 | |
| 15 | PRC3030 | Connector | 2 | |
| 16 | C34950L | Clip retaining | 3 | |
| 17 | AB606051L | Screw | 3 | |
| 18 | WA104001L | Washer plain | 3 | |
| 19 | DRC1530 | Finisher edge | 2 | |
| 20 | MRC8564 | Stiffener | 2 | |
| 21 | PRC2291 | Jet headlamp | 2 | |
| 22 | PRC3250 | Spacer | 4 | |
| 23 | BH106141L | Bolt | 4 | |
| 24 | WA106041L | Washer plain | 4 | |
| 25 | WL106001L | Washer spring | 4 | |
| 26 | PRC5141 | Cable assembly | 1 | |
| 27 | DU1784L | Delay unit | 1 | |
| 28 | ACU5037 | Valve non return -windscreen wash | 1 | From HA455946 |



**Model** DEFENDER 90
**Page** ADMXME4A

## ELECTRICAL - HEADLAMP/FRONT/REAR SCREEN WASH

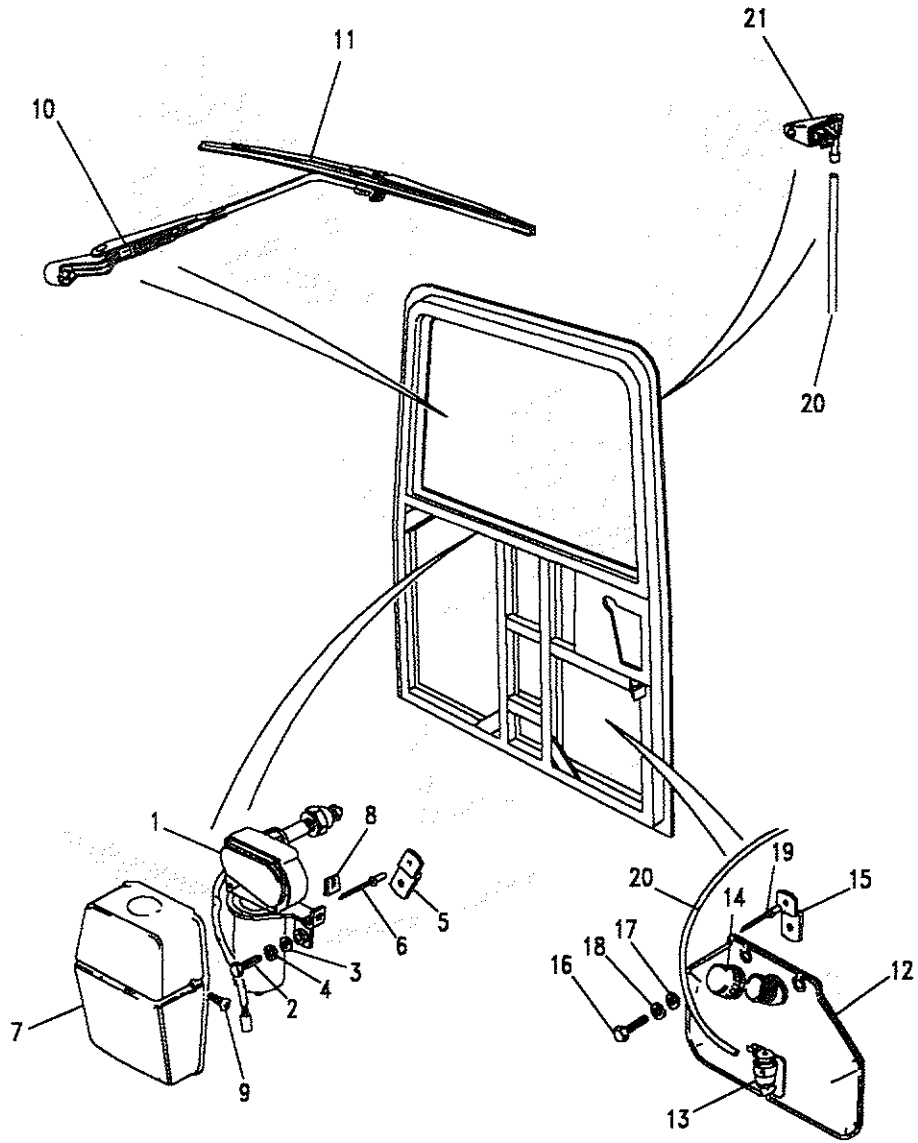
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Finland and Sweden only - from VIN 270227** | | | | |
| 1 | PRC5773 | Reservoir | 1 | |
| 2 | PRC2854 | Cap reservoir | 1 | |
| 3 | ADU6409L | Pump headlamp wash | 1 | |
| 4 | ADU6418L | Grommet | 1 | |
| 5 | 78210 | Screw | 3 | |
| 6 | WF600041L | Washer shakeproof | 3 | |
| 7 | DRC2713L | Pump rear screenwash | 1 | |
| 8 | RTC5827 | Grommet | 1 | |
| 9 | PRC3974 | Cable assembly | 1 | Up to LA939975 |
| | AMR2978 | Cable assembly | 1 | From MA939976 |
| 10 | RTC3650 | Tubing | A/R | |
| 11 | ACU5037 | Valve non return | 1 | |
| 12 | PRC5802 | Jet rear screen | 1 | Up to LA930671 |
| | AMR3026 | Jet rear screen | 1 | From LA930672 |
| | AMR3012 | Clip retaining | 1 | From LA930672 |
| 13 | RTC4848 | Tubing | A/R | |
| 14 | EAM5549L | Tee piece | 1 | |
| 15 | CJ600041L | Clip hose | 8 | |
| 16 | PRC3030 | Connector | 2 | |
| 17 | C34950L | Clip retaining | 3 | |
| 18 | AB605051L | Screw | 3 | |
| 19 | WA104001L | Washer plain | 3 | |
| 20 | DRC1530 | Finisher edge | 2 | |
| 21 | MRC8564 | Stiffener | 2 | |
| 22 | PRC2291 | Jet headlamp wash | 2 | |
| 23 | PRC3250 | Spacer | 4 | |
| 24 | BH106141L | Bolt | 4 | |
| 25 | WA106041L | Washer plain | 4 | |
| 26 | WL106001L | Washer spring | 4 | |
| 27 | PRC5141 | Cable assembly | 1 | |
| 28 | ADU1784L | Delay unit | 1 | |
| 29 | PRC5744 | Reservoir windscreen wash | 1 | |
| | PRC8664 | Cap reservoir | 1 | |




**Model** DEFENDER 90
**Page** ADMXME4A

## ELECTRICAL - HEADLAMP/FRONT/REAR SCREEN WASH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 30 | ADU3905 | Pump windscreen wash | 1 | |
| 31 | RTC3959 | Grommet | 1 | |
| 32 | RTC3650 | Tubing | A/R | |
| 33 | PRC5736 | Jet windscreen | 1 | Up to LA930671 |
| | AMR3025 | Jet windscreen | 1 | From LA930671 |
| | AMR3012 | Clip retaining | 1 | From LA930671 |
| 34 | PRC3974 | Cable assembly | 1 | Up to LA939975 |
| | AMR2978 | Cable assembly | 1 | From MA939976 |
| 35 | ACU5037 | Valve non return -windscreen wash | 1 | From HA455946 |

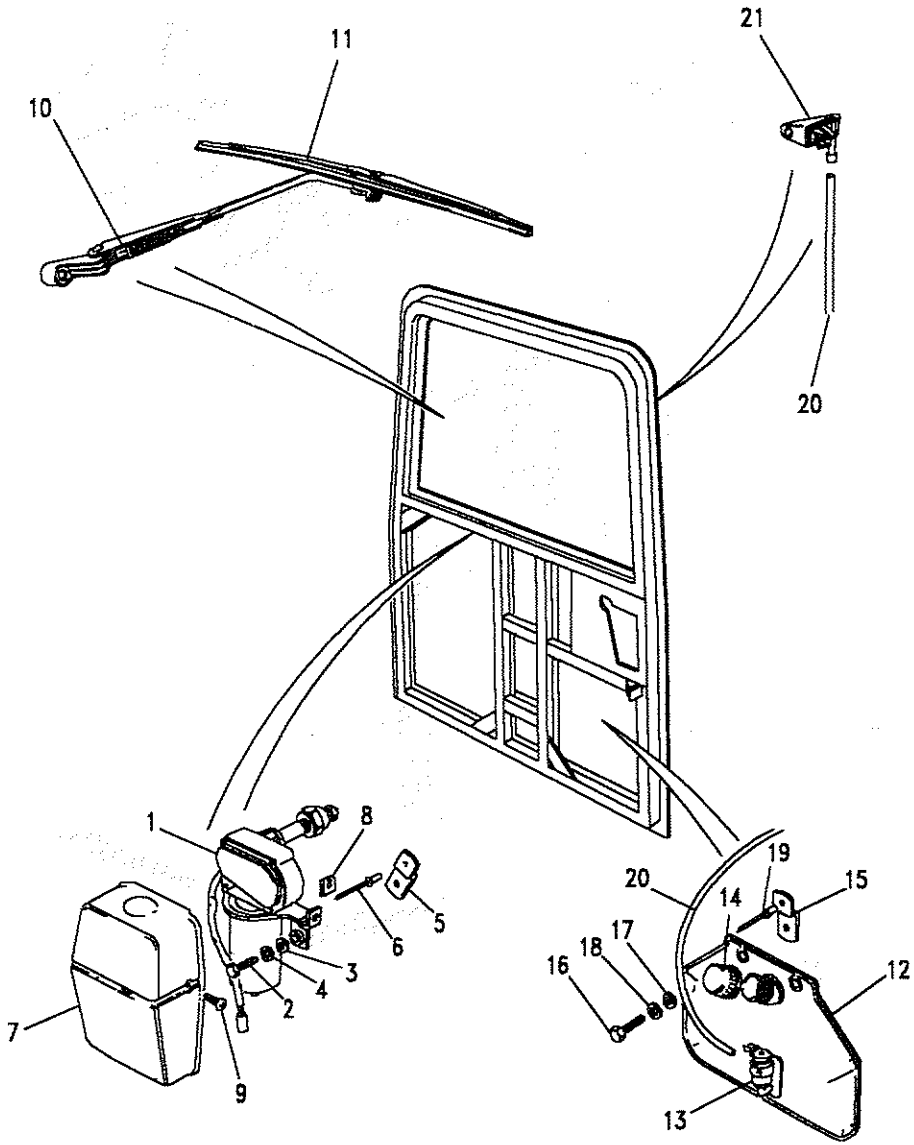



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**ELECTRICAL - REAR WASH WIPE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC4612 | Motor wiper rear - Imos | 1 | Up to JA910753 |
| | AMR1054 | Motor wiper rear - Delco | 1 | From JA910754 |
| 2 | SR106251L | Screw | 1 | |
| 3 | WA106041L | Washer plain | 1 | |
| 4 | WL106001 | Washer spring | 1 | |
| 5 | MUC1286 | Bracket mounting | 1 | Up to JA910753 |
| | ALR2622 | Bracket mounting | 1 | From JA910754 |
| 6 | RA610167 | Rivet | 1 | Up to JA910753 |
| | RA612207L | Rivet | 1 | From JA910754 |
| 7 | PRC4613 | Cover | 1 | Black up to Note(1) |
| | PRC4613LCS | Cover | 1 | Grey From Note(1) up to JA910753 |
| | BTR3792LCS | Cover | 1 | Grey from JA910754 |
| 8 | AK608141 | Nut spire | 2 | |
| 9 | DA608044L | Screw | 2 | |
| | STC443 | Arm wiper and blade | 1 | Up to FA452017 |
| 10 | PRC8558 | Arm wiper | 1 | From FA452018 |
| 11 | RTC6856 | Blade wiper | 1 | Up to FA452017 |
| | PRC8559 | Blade wiper | 1 | From FA452018 |
| 12 | PRC4436 | Washer bag and pump | 1 | )Up to VIN 270227 |
| 13 | ADU3905 | Pump | 1 | ) |
| 14 | RTC3175 | Cap | 1 | ) |

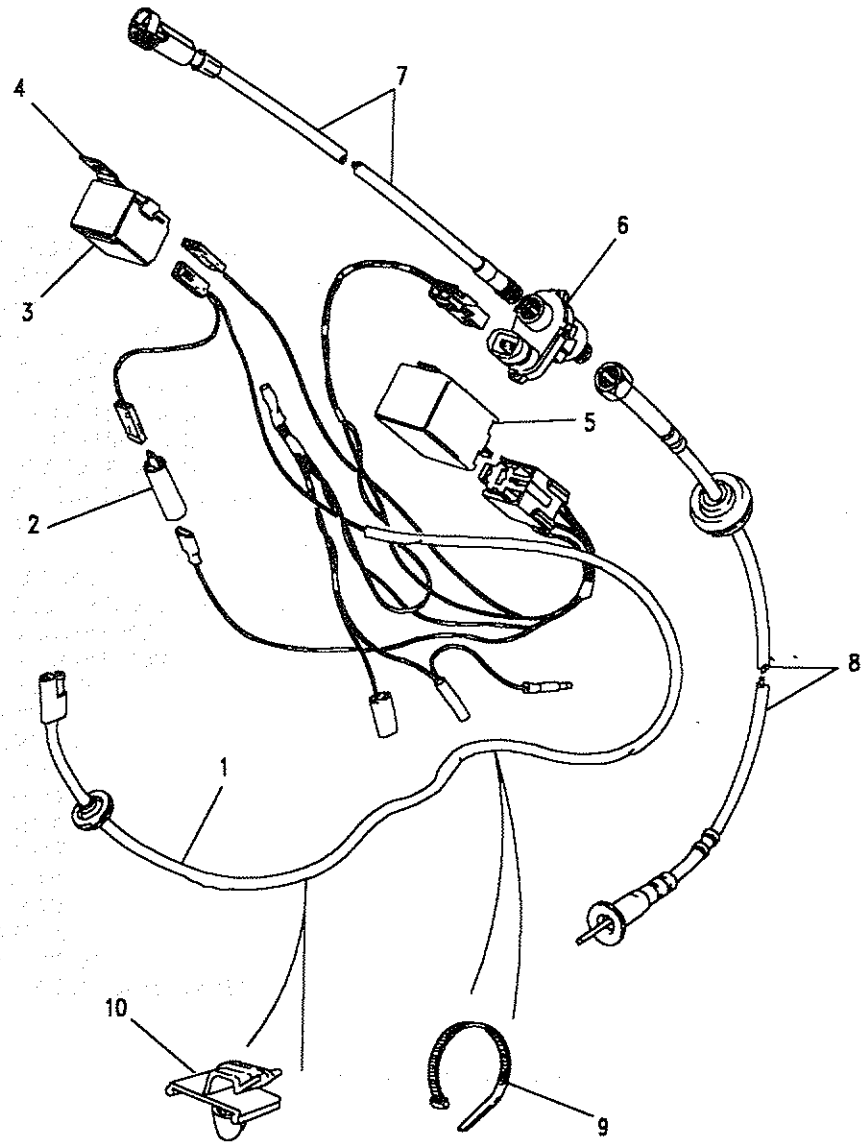
Note(1) VIN 314174 - Introduction of 1988 Model Year.




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**ELECTRICAL - REAR WASH WIPE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 15 | MUC1287 | Bracket mounting | 2 | )Up to VIN 270227 |
| 16 | SH106201 | Screw | 2 | ) |
| 17 | WJ106001L | Washer plain | 2 | ) |
| 18 | WL106001 | Washer spring | 2 | ) |
| 19 | RA610167 | Rivet | 2 | ) |
| 20 | RTC3650 | Tubing | A/R | ) |
| 21 | EAM9332 | Jet | 1 | ) |




**Model** DEFENDER 90
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## ELECTRICAL - SEAT BELT AND OVERSPEED WARNING SYSTEM

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | PRC4301 | Cable assembly | 1 | Note(1) |
| | AMR3039 | Cable assembly | 1 | Note(2) |
| 2 | AAU5034 | Diode | 1 | |
| 3 | PRC4299 | Buzzer | 1 | |
| 4 | PRC4304 | Clip buzzer mounting | 1 | |
| | SE105121 | Screw M5 | 1 | |
| | WA105041 | Washer plain | 1 | |
| | NH105041 | Nut M5 | 1 | |
| 5 | PRC4268 | Overspeed monitor unit | 1 | |
| | AFU2879 | Clip monitor unit | 2 | |
| | DRC1245 | Bracket mounting | 1 | |
| | AR606021 | Screw | 1 | |
| 6 | PRC4497 | Sensor vehicle speed | 1 | |
| 7 | PRC4298 | Cable speedometer upper | 1 | Upto VIN 299084 |
| 8 | PRC4282 | Cable speedometer lower | 1 | Upto VIN 299084 |
| | PRC6037 | Cable speedometer upper | 1 | From VIN 299085 |
| | PRC6036 | Cable speedometer lower | 1 | From VIN 299085 |
| 9 | C43640 | Cable tie | 5 | |
| 10 | AFU2879 | Cable clip | 2 | |

Note(1) Seat belt and overspeed warning.
Note(2) Fitted from MA939976.

## MASTER INDEX

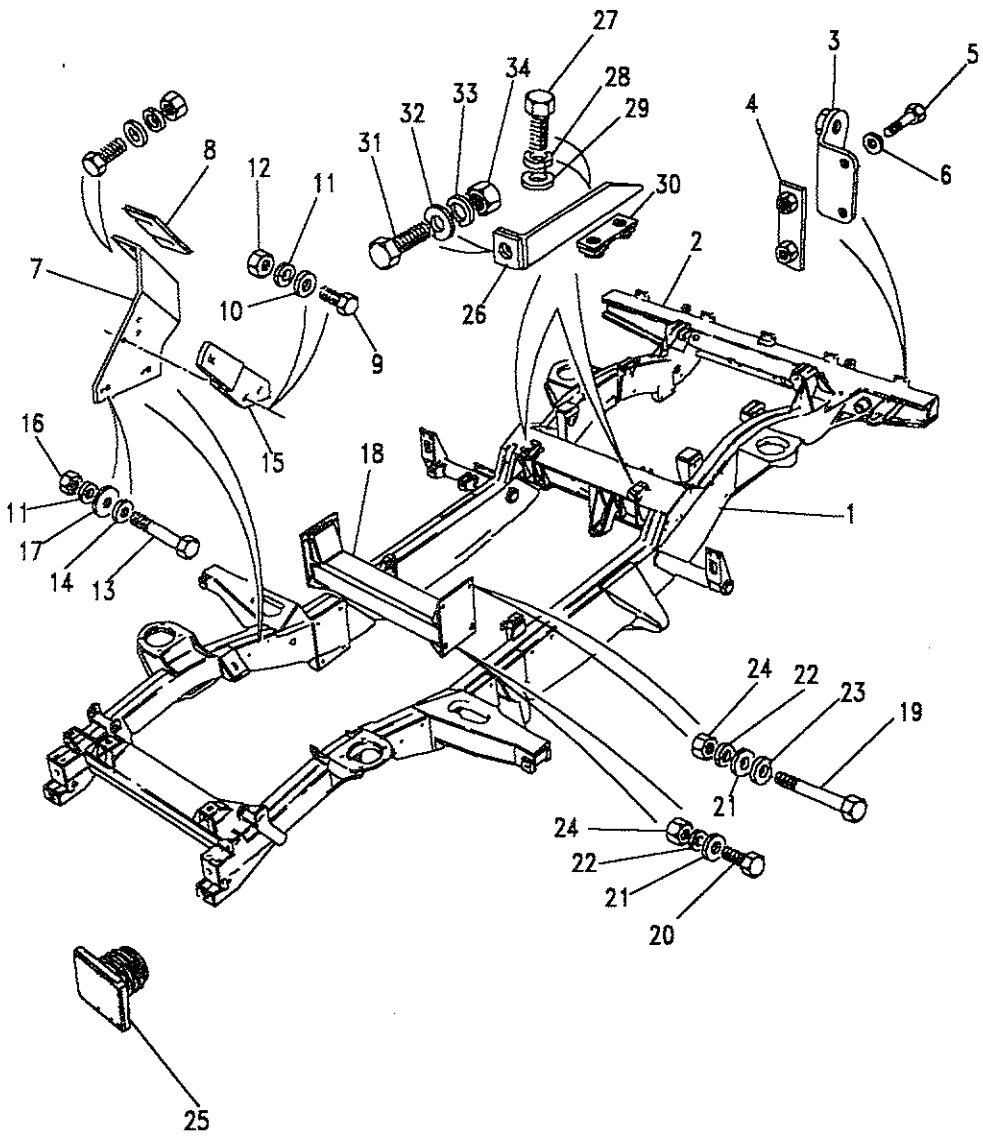

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GROUP N

BODY AND CHASSIS


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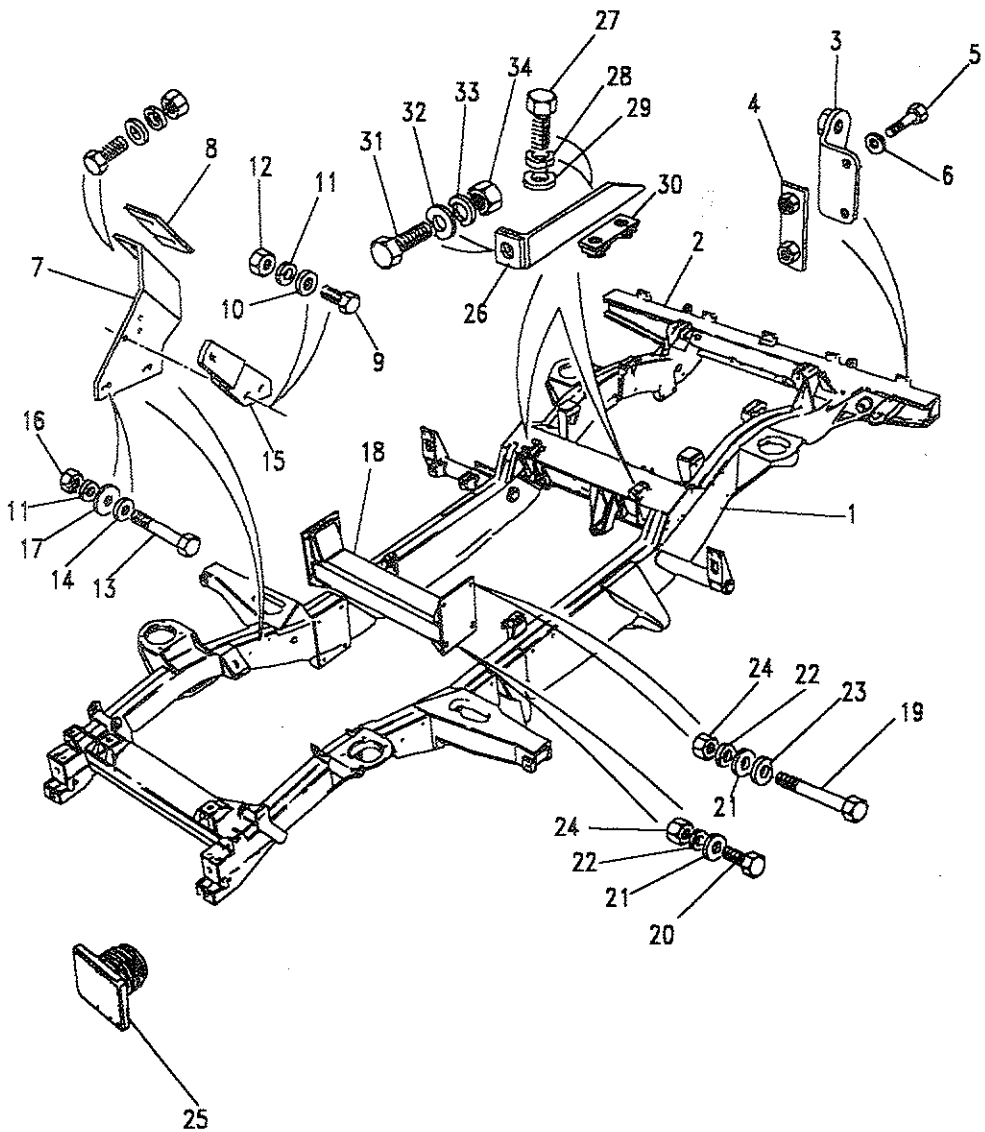
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## CHASSIS - CHASSIS FRAME

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder Petrol & Diesel** | | | | |
| 1 | NTC7989 | Chassis frame | 1 | Up to LA939975 |
| | NTC9473 | Chassis frame | 1 | From MA939976 |
| 2 | ANR2054 | Crossmember rear | 1 | |
| **V8** | | | | |
| 1 | NTC1057 | Chassis frame | 1 | )Up to |
| 2 | ANR2056 | Crossmember rear | 1 | )AA244026 |
| 1 | NTC7807 | Chassis frame | 1 | From AA244027 Up to LA939975 |
| | NTC9476 | Chassis frame | 1 | From LA939976 |
| 2 | ANR2054 | Crossmember rear | 1 | |
| **All variants** | | | | |
| | RTC3355 | Kit crossmember fitting | 1 | |
| | STC8354 | Outrigger front RH | 1 | |
| | STC8355 | Outrigger front LH | 1 | |
| | STC8356 | Outrigger rear | 1 | |
| 3 | NRC9749 | Support bracket tailboard | 2 | ) |
| 4 | MRC5757 | Nut plate | 2 | )From |
| 5 | FS108207L | Screw | 4 | )AA278114 |
| 6 | WC108051L | Washer plain | 4 | ) |
| 7 | NRC7436 | Support toebox RH | 1 | |
| | NRC7435 | Support toebox LH | 1 | |
| 8 | NRC7131 | Packing piece | 6 | |
| 9 | AFU1499 | Screw | 4 | |
| 10 | WA108051L | Washer plain | 16 | |
| 11 | WL108001L | Washer spring | 8 | |
| 12 | FN108041L | Nut | 8 | |

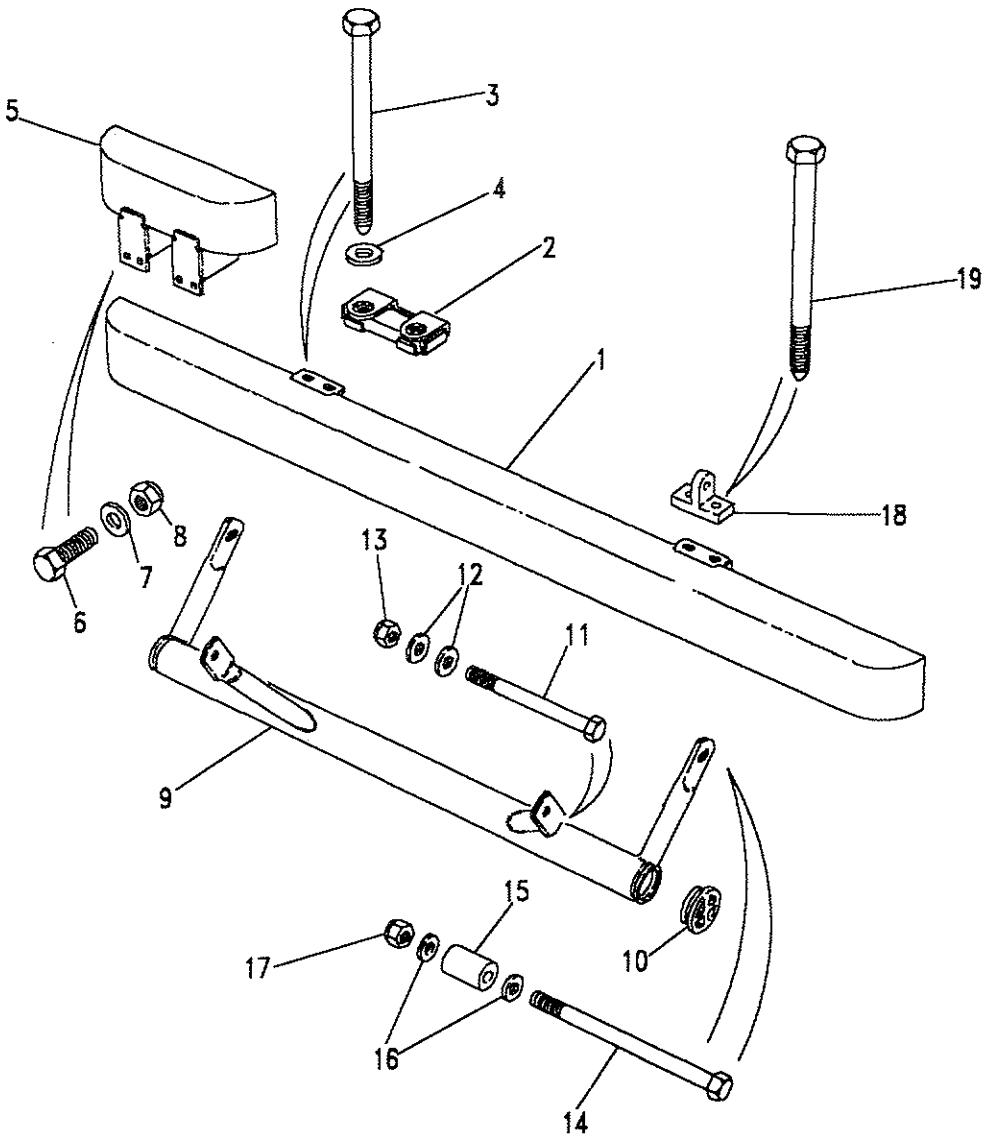



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**CHASSIS - CHASSIS FRAME**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | BH108201L | Bolt | 4 | |
| 14 | WC108051L | Washer plain | 4 | |
| 15 | NRC7164 | Plate bridge LH | 1 | |
| | NRC7165 | Plate bridge RH | 1 | |
| 16 | FN108041L | Nut | 4 | |
| 17 | 3898 | Washer plain | 4 | |
| 18 | NRC7768 | Crossmember detachable | 1 | Note(1) |
| | NTC1963 | Crossmember detachable | 1 | Note(2) |
| | NTC9262 | Crossmember detachable | 1 | Note(3) |
| 19 | BH110201L | Bolt | 4 | |
| 20 | SH110251L | Screw | 4 | |
| 21 | WC110061L | Washer plain | 12 | |
| 22 | WL110001L | Washer spring | 8 | |
| 23 | NRC5485 | D washer | 4 | |
| 24 | NH110041L | Nut | 8 | |
| 25 | NRC6935 | Plug jacking bracket | 2 | |
| 26 | NRC9695 | Bracket support RH | 1 | |
| | NRC9696 | Bracket support LH | 1 | |
| 27 | FS108207L | Screw | 4 | |
| 28 | WL108001L | Washer spring | 4 | |
| 29 | WA108051L | Washer plain | 4 | |
| 30 | NRC9698 | Nut plate | 2 | |
| 31 | FS108207L | Screw | 2 | |
| 32 | WL108001L | Washer spring | 2 | |
| 33 | WA108051L | Washer plain | 2 | |
| 34 | FN108041L | Nut | 2 | |

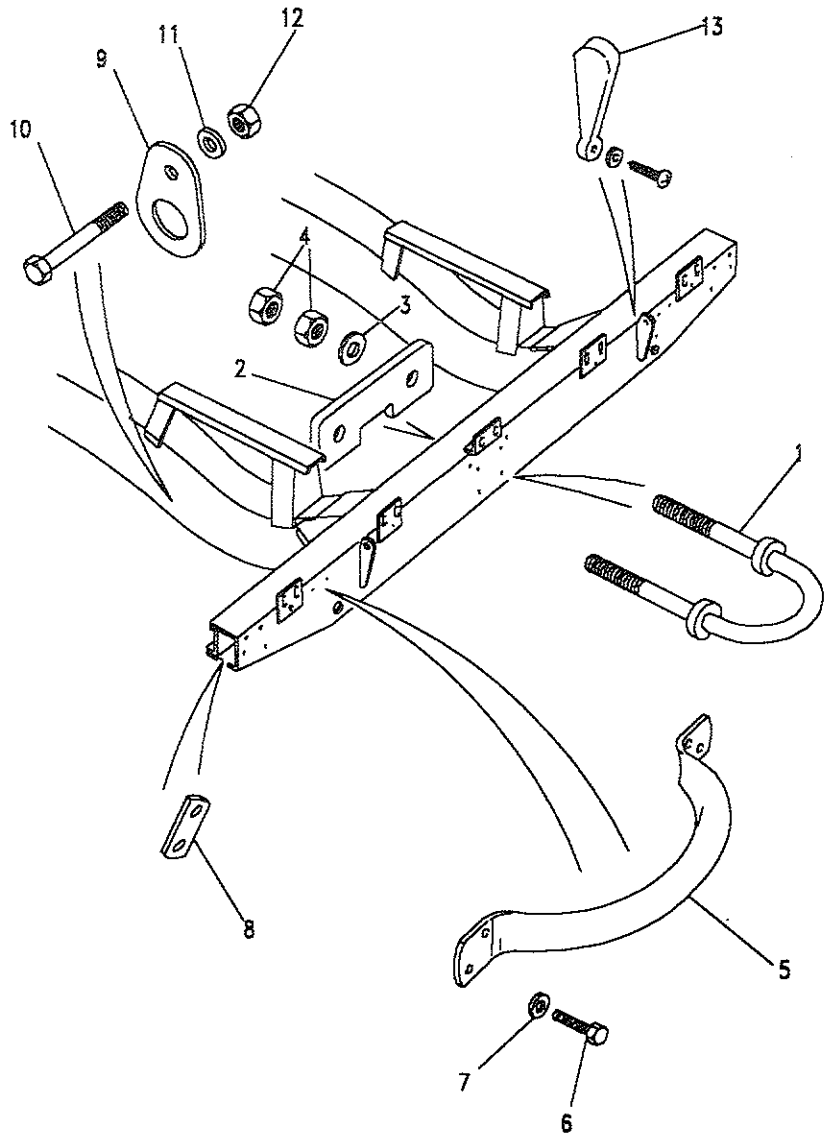
Note(1) Up to AA270878
Note(2) From AA270879 up to HA906308
Note(3) From HA906308




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**Page** ADNXAC1A

## CHASSIS - FRONT BUMPER AND BUMPERETTES

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC9211 | Bumper front | 1 | Upto 314291 |
| | NTC4657 | Bumper front (black) | 1 | From 314292) |
| 2 | NRC6994 | Block tapping | 2 | |
| 3 | AFU1386 | Bolt | 4 | Upto 340878 |
| | NTC5401 | Bolt (black) | 4 | From 340879 |
| 4 | WA110061L | Washer plain | 4 | |
| 5 | NRC4733 | Bumperette front | 2 | Option |
| 6 | SH110251L | Screw | 16 | |
| 7 | WA110061L | Washer plain | 16 | |
| 8 | NY110041L | Lock nut | 16 | |
| 9 | NRC7009 | Bar protection underride | 1 | Option |
| 10 | NRC5886 | Plug blanking | 2 | |
| 11 | BH110241L | Bolt | 2 | |
| 12 | WA110061L | Washer plain | 4 | |
| 13 | NY110041L | Nut | 2 | |
| 14 | 253952 | Bolt | 2 | |
| 15 | NRC5627 | Spacer | 1 | |
| 16 | WC112081 | Washer plain | 2 | |
| | 2222 | Washer plain | 2 | |
| 17 | 252164 | Lock nut | 2 | |
| 18 | 559882 | Ring lifting towing | 2 | Option |
| 19 | AFU1387 | Bolt | 4 | Upto 340878 |
| | NTC5401 | Bolt (Black) | 1 | From 340879 |
| **Germany** | | | | |
| | NRC7571 | Cover bumper protection | 4 | |
| | NRC7439 | Pad bumper protection | 2 | |
| | 78248 | Rivet | 8 | |

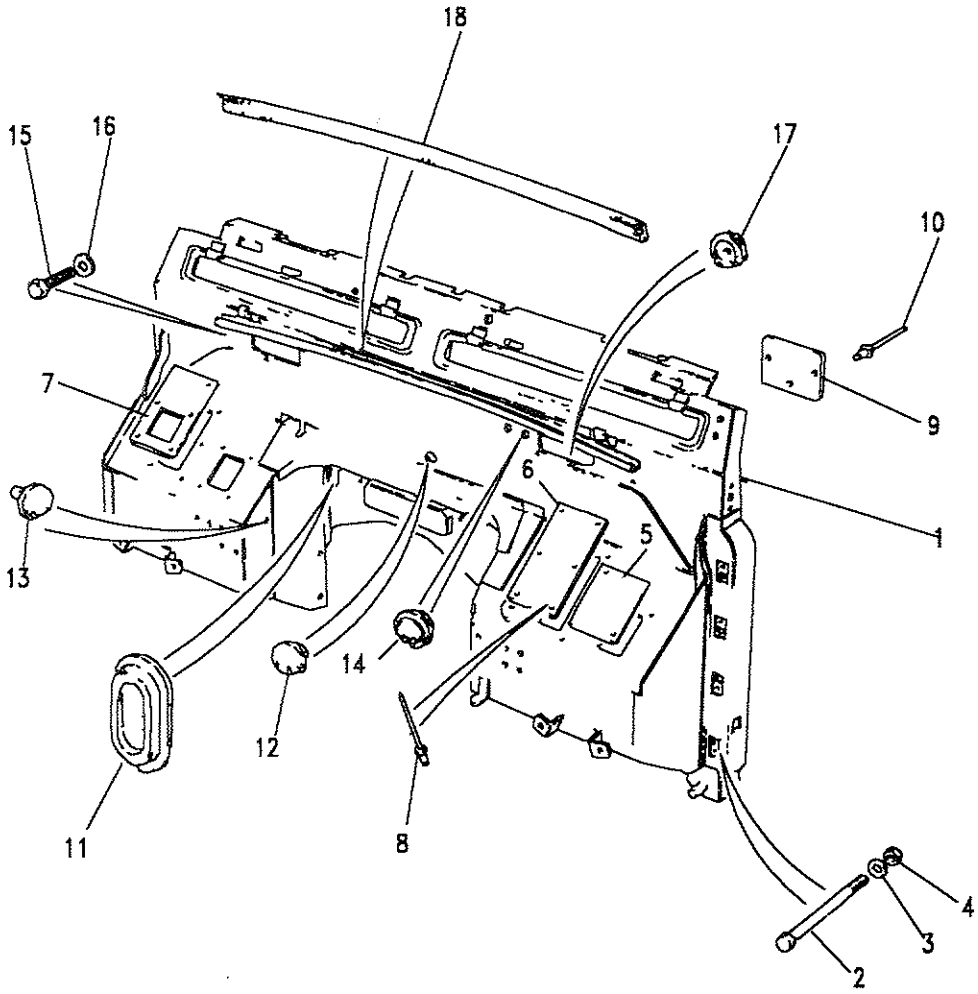



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## CHASSIS - RECOVERY RING AND LIFTING HANDLE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC5396 | Ring recovery | 1 | |
| 2 | 562756 | Distance piece | 1 | |
| 3 | 4233 | Washer | 2 | |
| 4 | NH116041L | Nut | 4 | |
| 5 | 300816 | Handle lifting | 2 | Note(1) |
| | NTC5116 | Handle lifting black | 2 | Note(2) |
| 6 | SH108161L | Screw | 8 | |
| | SE108161L | Screw | 8 | Germany |
| 7 | WA108051L | Washer plain | 8 | |
| 8 | NRC5804 | Nut plate | 4 | |
| 9 | 90577509 | Ring recovery lashing | 4 | Front & Rear |
| 10 | BH110241L | Bolt (front) | 2 | |
| | BH110221L | Bolt (rear) | 2 | |
| 11 | 217245 | Washer plain | 4 | |
| 12 | NY110041L | Nut | 4 | |
| 13 | NRC7425 | Cover tailboard hinge | 2 | Germany |
| | RRC5409 | Bumperette rear LH | 1 | 90SV |
| | RRC5410 | Bumperette rear RH | 1 | 90SV |

Note(1) Up to 314058
Note(2) From 314059

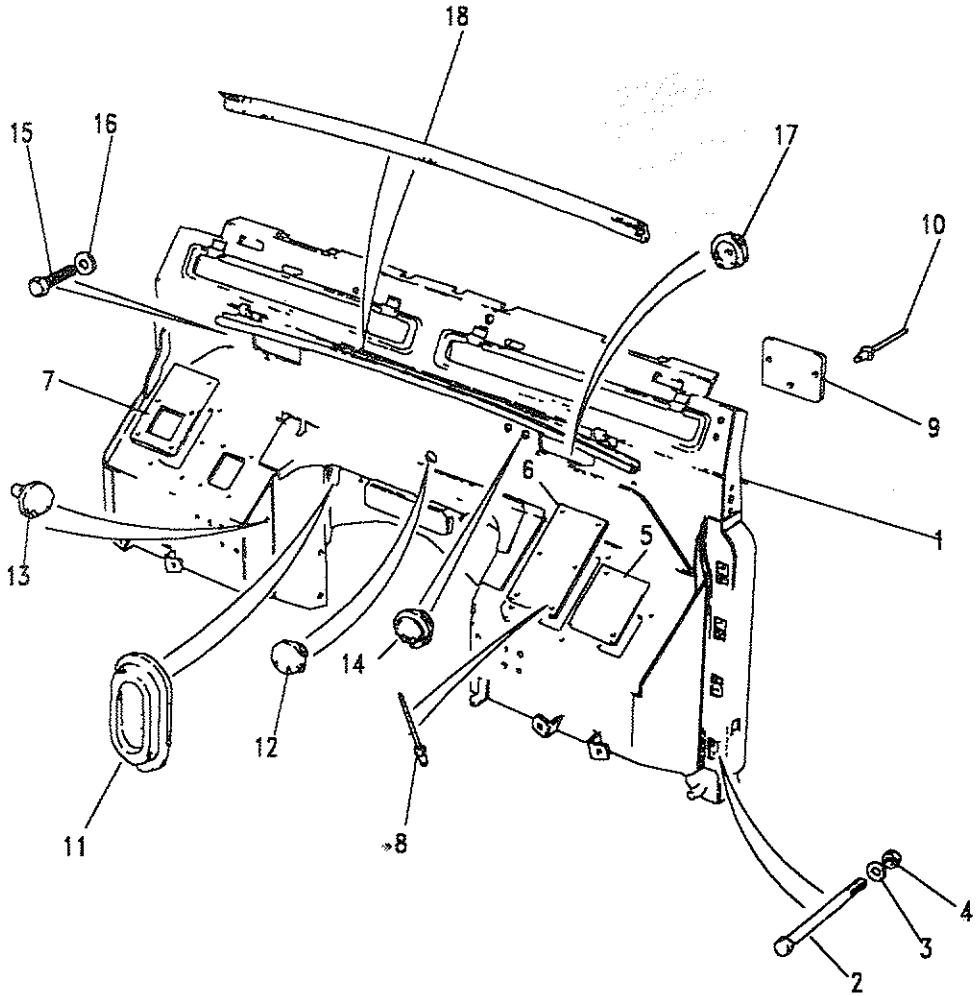



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## BODY - DASH ASSEMBLY

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Non Air Con** | | | | |
| 1 | ALR6374 | Dash assembly RHD | 1 | )Up to |
| | ALR6375 | Dash assembly LHD | 1 | )LA939975 |
| | ALR2136 | Dash assembly RHD | 1 | )From |
| | ALR2138 | Dash assembly LHD | 1 | )MA939976 |
| **Air Con** | | | | |
| 1 | MUC6686 | Dash assembly RHD | 1 | Note(1) |
| | MXC9012 | Dash assembly RHD | 1 | Note(2 & 3) |
| | MXC9013 | Dash assembly LHD | 1 | Note(3) |
| | ALR5117 | Dash assembly RHD | 1 | )From |
| | ALR5118 | Dash assembly LHD | 1 | )MA939976 |
| **Germany** | | | | |
| 1 | MXC9015 | Dash assembly LHD | 1 | |
| **All variants** | | | | |
| 2 | MRC9420 | Bolt tie | 2 | M12 x 180mm |
| 3 | WA112081L | Washer plain | 5 | |
| 4 | NH112041L | Nut | 2 | |
| 5 | 346981 | Plate cover | 1 | ) |
| 6 | 346599 | Plate cover | 1 | )Note(1) |
| 7 | 346598 | Plate cover | 1 | ) |
| 8 | 78248 | Rivet | 12 | |
| 9 | 395617 | Plate blanking | 1 | Note(1) |
| 10 | RA608123L | Rivet | 3 | |

Note(1) Up to AA271213
Note(2) From AA271214
Note(3) From AA271214 up to LA939975

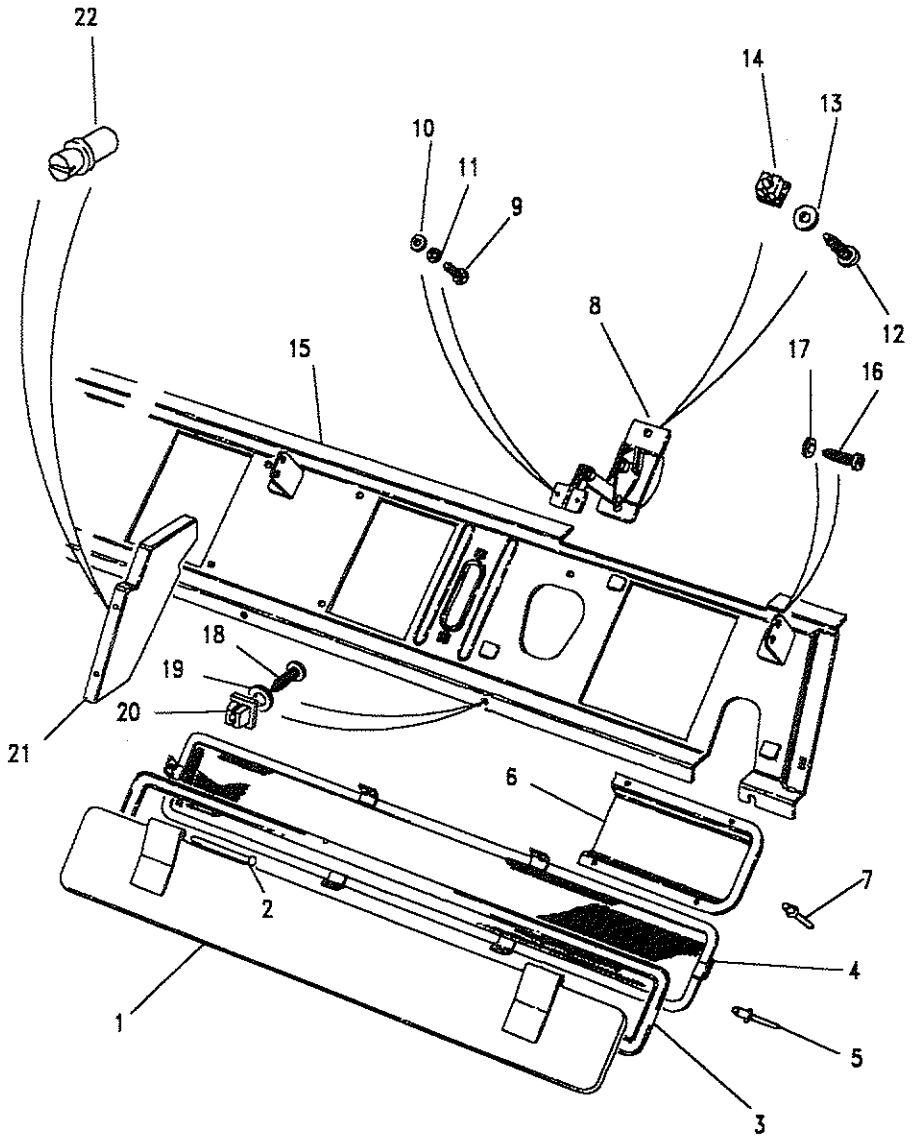



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## BODY - DASH ASSEMBLY

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 11 | MTC1650 | Plug | 2 | |
| 12 | MRC1300 | Plug | 2 | ) |
| | DRC1666 | Grommet | 1 | )Note(1) |
| 13 | 338015 | Plug | 1 | |
| 14 | 332647 | Buffer rubber | 2 | |
| 15 | SX108251 | Bolt | 4 | |
| 16 | WA108051L | Washer plain | 10 | |
| | ATU1005L | Supersert | 2 | Note(1) |
| | NN108021 | Nutsert | 2 | Note(2) |
| 17 | BD155888L | Plug | 1 | |
| 18 | MWC2567 | Seal | 1 | Drain channel |
| | MUC6905 | Plate | 1 | Strg col aperture |
| | RU608123L | Rivet | 3 | |
| | MWC2309 | Plug blanking | 2 | Note(1) |
| | RTC5519 | Plug blanking | 2 | Note(2) |

Note(1) Up to AA271213
Note(2) From AA271214

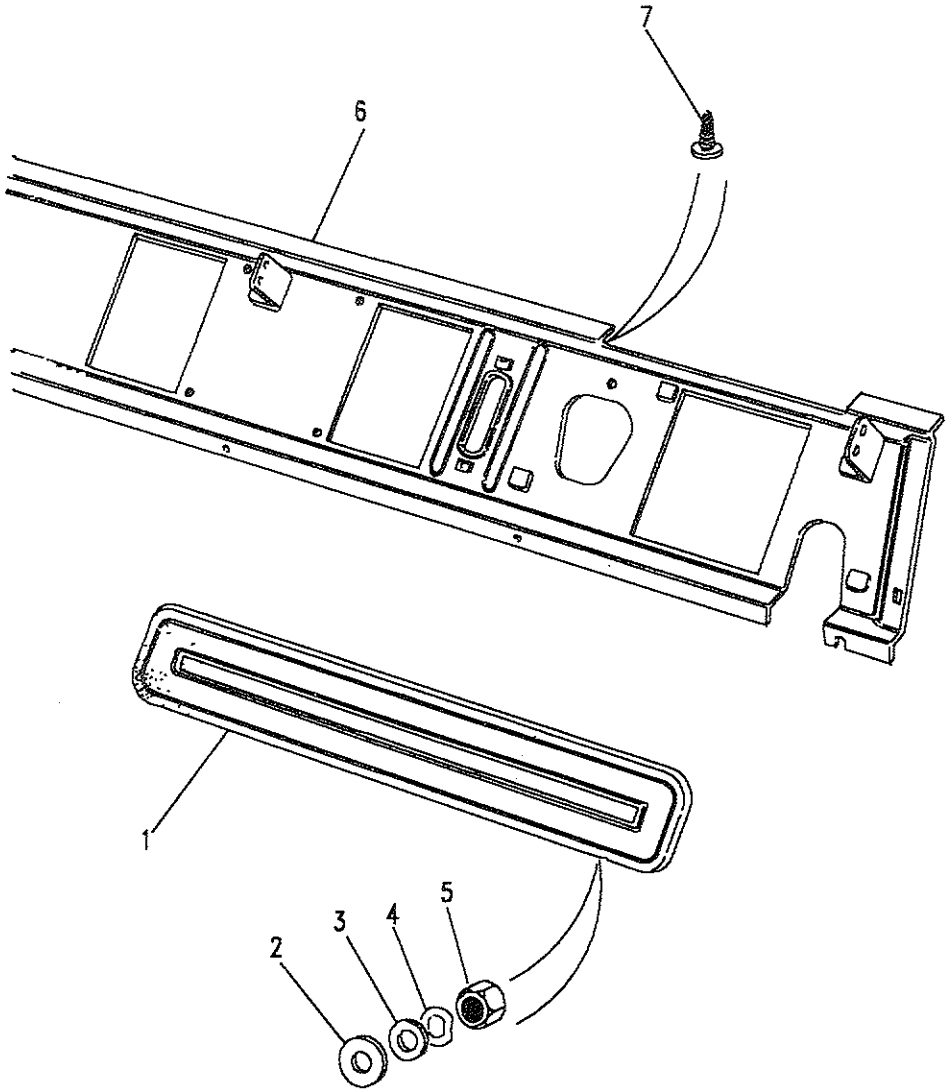



**Model** DEFENDER 90
**Page** ADNXCC2A

**BODY - DASH VENTILATOR - NON AIR CON**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Not applicable to Germany - Note(1)** | | | | |
| 1 | ALR1618 | Lid ventilator RH | 1 | |
| | ALR1619 | Lid ventilator LH | 1 | |
| 2 | 334121 | Hinge pin | 4 | |
| 3 | MUC4299 | Sealing rubber | 2 | Upto HA704901 |
| | ALR2220 | Sealing rubber | 2 | From HA704902 |
| 4 | 395185 | Flyscreen | 2 | |
| 5 | RA610123 | Rivet | 12 | |
| 6 | MTC2799 | Panel splash | 1 | LH ventilator |
| 7 | RA610123 | Rivet | 4 | |
| 8 | 346576 | Control ventilator | 2 | |
| 9 | SH105121L | Screw | 4 | |
| 10 | WC105001L | Washer plain | 4 | |
| 11 | WL105001L | Washer spring | 4 | |
| 12 | AB608047L | Screw | 4 | |
| 13 | AFU1257 | Washer plain | 4 | |
| 14 | RTC3745 | Nut lokut | 4 | |
| 15 | MXC8574 | Front Plate RHD | 1 | |
| | MXC8573 | Front Plate LHD | 1 | |
| 16 | AB608047L | Screw | 6 | |
| 17 | WA105001L | Washer plain | 6 | |
| 18 | AB608054L | Screw | 5 | |
| 19 | WA104004L | Washer plain | 5 | |
| 20 | RTC3745 | Nut lokut | 5 | |
| 21 | 346941 | Panel air flow divider | 1 | |
| 22 | 79106 | Rivet | 2 | |

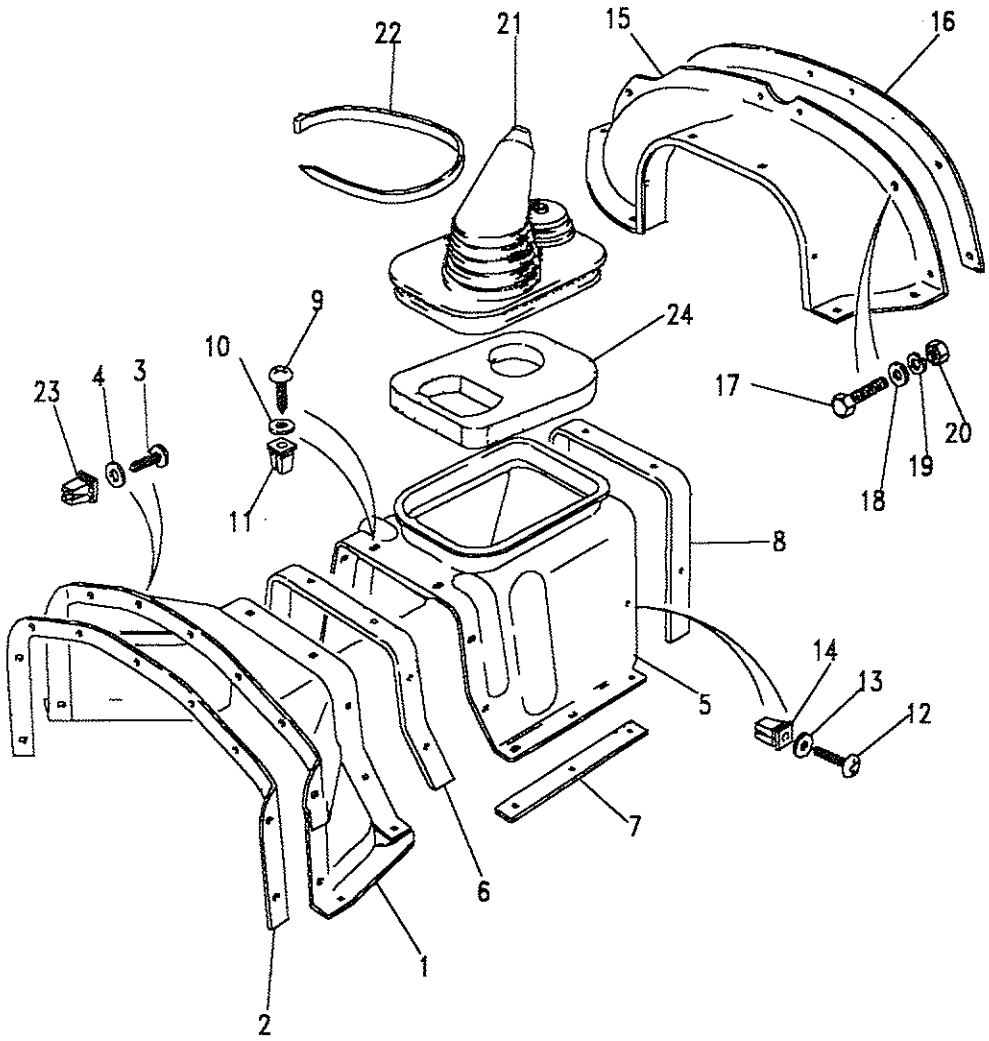
Note(1) Germany - see page 803




**Model** DEFENDER 90
**Page** ADNXCC3A

## BODY - DASH VENTILATOR - AIR CONDITIONING

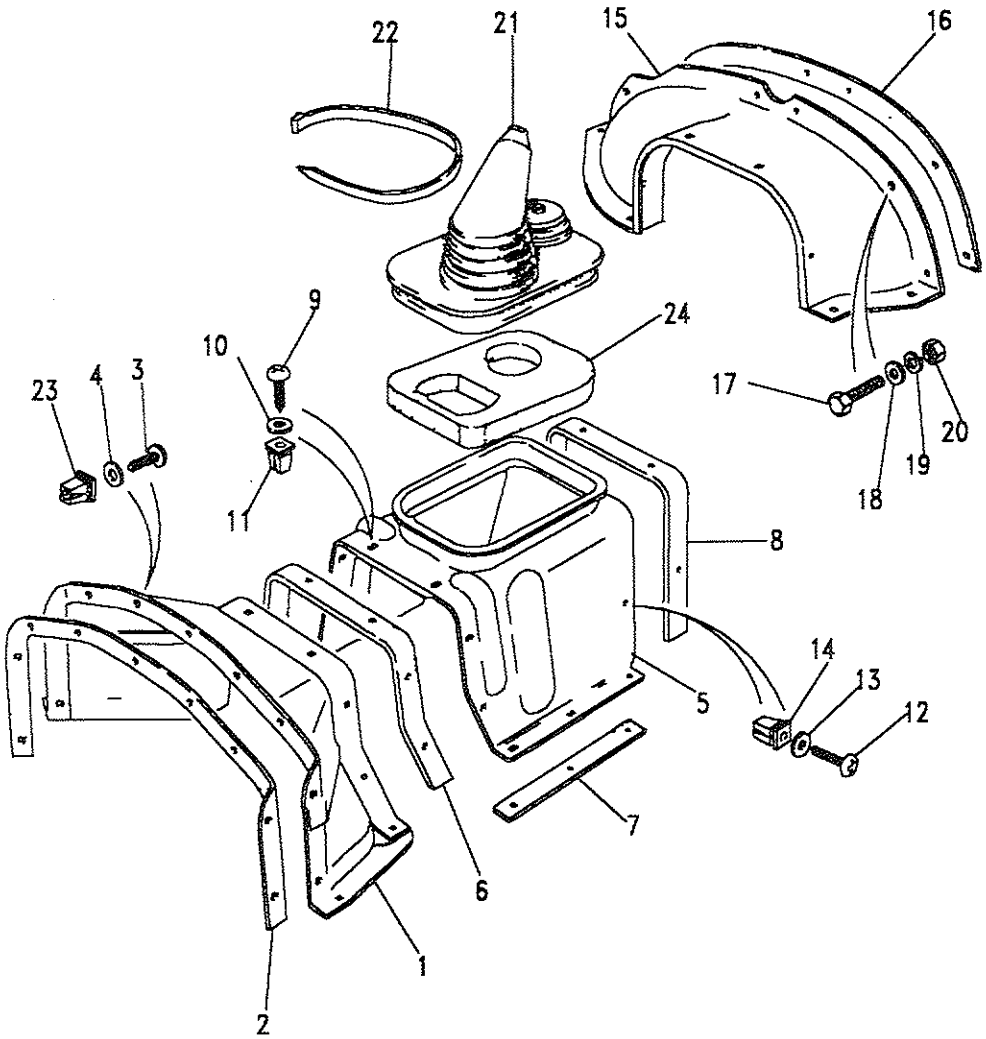
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC6109 | Finisher dash ventilator | 2 | |
| 2 | MTC6015 | Washer sealing | 6 | |
| 3 | WA104001L | Washer plain | 6 | |
| 4 | WW104001 | Washer wave | 6 | |
| 5 | NH104041L | Nut | 6 | |
| 6 | MUC3498 | Front Plate-RHD | 1 | |
| | MXC8575 | Front Plate-LHD | 1 | |
| **Fixing - Front Plate to Crash Rail** | | | | |
| 7 | AFU2636 | Screw | 2 | LHD |




**Model** DEFENDER 90
**Page** ADNXCE1A

## BODY - DIAPHRAGM AND TUNNEL PANELS

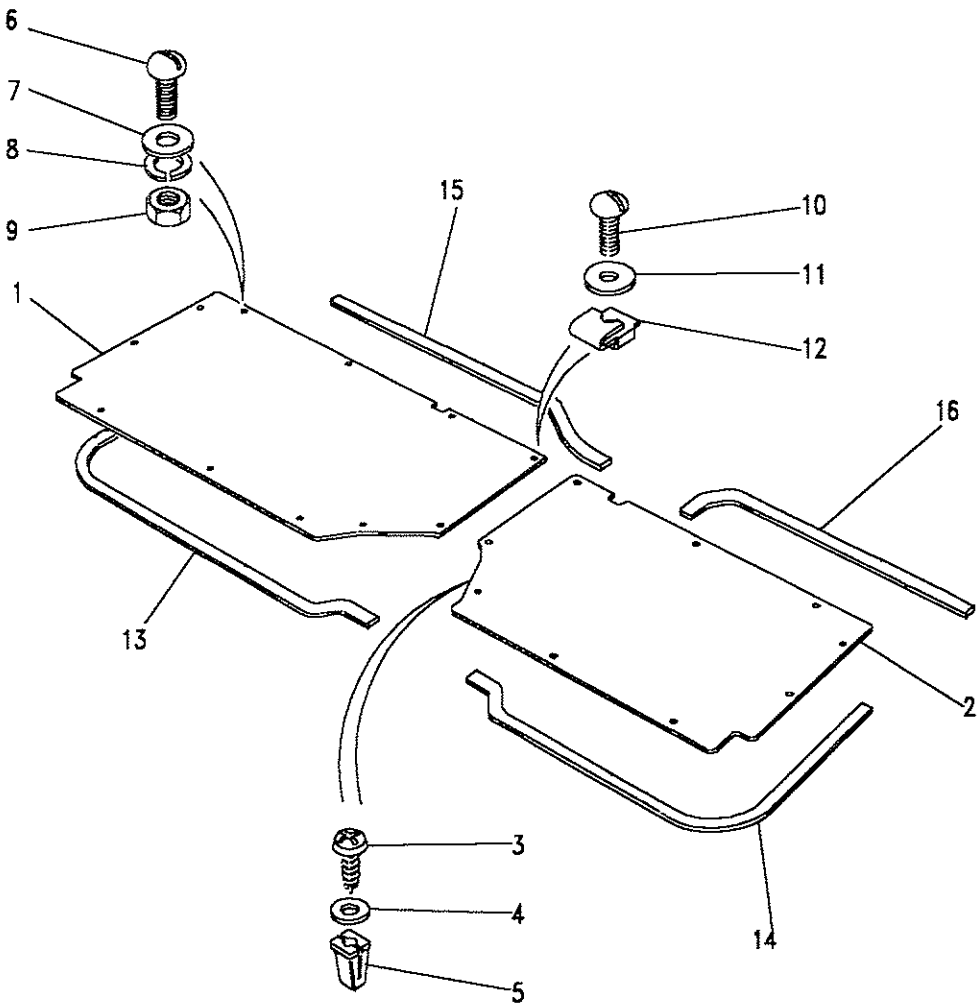
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC2252 | Panel diaphragm | 1 | 4 Cylinder |
| | RTC6826 | Panel diaphgagm | 1 | V8 |
| 2 | MRC8626 | Seal | 1 | |
| 3 | AB614061L | Screw | 9 | |
| 4 | MRC5527 | Washer plain | 9 | |
| **4 Cylinder** | | | | |
| 5 | MTC4095 | Panel tunnel | 1 | |
| **V8 LT85** | | | | |
| | MUC4319 | Panel tunnel | 1 | |
| **V8 LT77/R380** | | | | |
| | ALR1757 | Panel tunnel | 1 | Up to MA943800 |
| | ALR7005 | Panel tunnel | 1 | From MA943801 |
| **All variants** | | | | |
| 6 | MTC6798 | Seal front | 1 | 4 Cylinder |
| | MUC1237 | Seal front | 1 | V8 |
| 7 | MTC6798 | Seal side | 2 | 4 Cylinder |
| | MUC1237 | Seal side | 2 | V8 |
| 8 | MTC6798 | Seal rear | 1 | 4 Cylinder |
| | MUC1237 | Seal rear | 1 | V8 |
| 9 | AB614061L | Screw | 6 | 4 Cylinder |
| 10 | MRC5527 | Washer plain | 6 | 4 Cylinder |




**Model** DEFENDER 90
**Page** ADNXCE1A

**BODY - DIAPHRAGM AND TUNNEL PANELS**

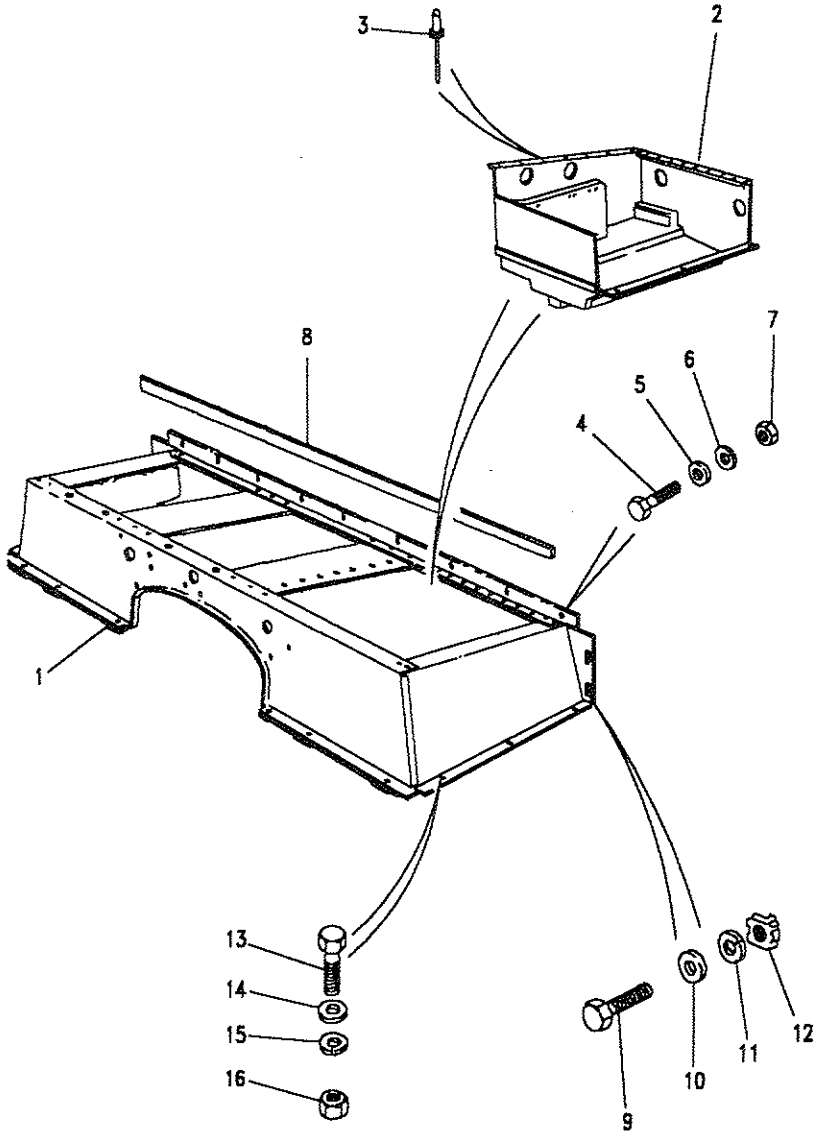
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 11 | RTC3744 | Nut lokut | 6 | 4 Cylinder |
| | AB614061L | Screw | 4 | V8 |
| | MRC5527 | Washer plain | 4 | V8 |
| | RTC3744 | Nut lokut | 4 | V8 |
| 12 | AB614061L | Screw | 6 | 4 Cylinder |
| 13 | MRC5527 | Washer plain | 6 | 4 Cylinder |
| 14 | RTC3744 | Nut lokut | 6 | 4 Cylinder |
| 15 | MRC7411 | Cover transfer case | 1 | V8 |
| 16 | MRC8626 | Seal | 1 | V8 |
| **Fixings - Cover to Heelboard - V8** | | | | |
| 17 | FS106201L | Flange screw | 2 | |
| 18 | WA106041L | Washer plain | 4 | |
| 19 | WL106001L | Washer spring | 2 | |
| 20 | NH106041L | Nut | 2 | |
| | FS108207L | Screw | 1 | RHD |
| | WL108001L | Washer spring | 1 | RHD |
| | FN108041L | Nut | 1 | RHD |
| | FS108207L | Screw | 2 | LHD |
| | WL108001L | Washer spring | 2 | LHD |
| | FN108041L | Nut | 2 | LHD |
| **Gaiter - Gear Lever/Transfer Lever** | | | | |
| 21 | BTR1698 | Gaiter | 1 | |
| 22 | AFU4173 | Cable tie | 1 | |
| 23 | RTC3744 | Nut lokut | 9 | |
| 24 | MTC6872 | Pad insulation | 1 | 4 Cylinder |
| | MUC4027 | Pad insulation | 1 | V8 |




**Model** DEFENDER 90
**Page** ADNXCG1A

## BODY - FLOOR PLATES

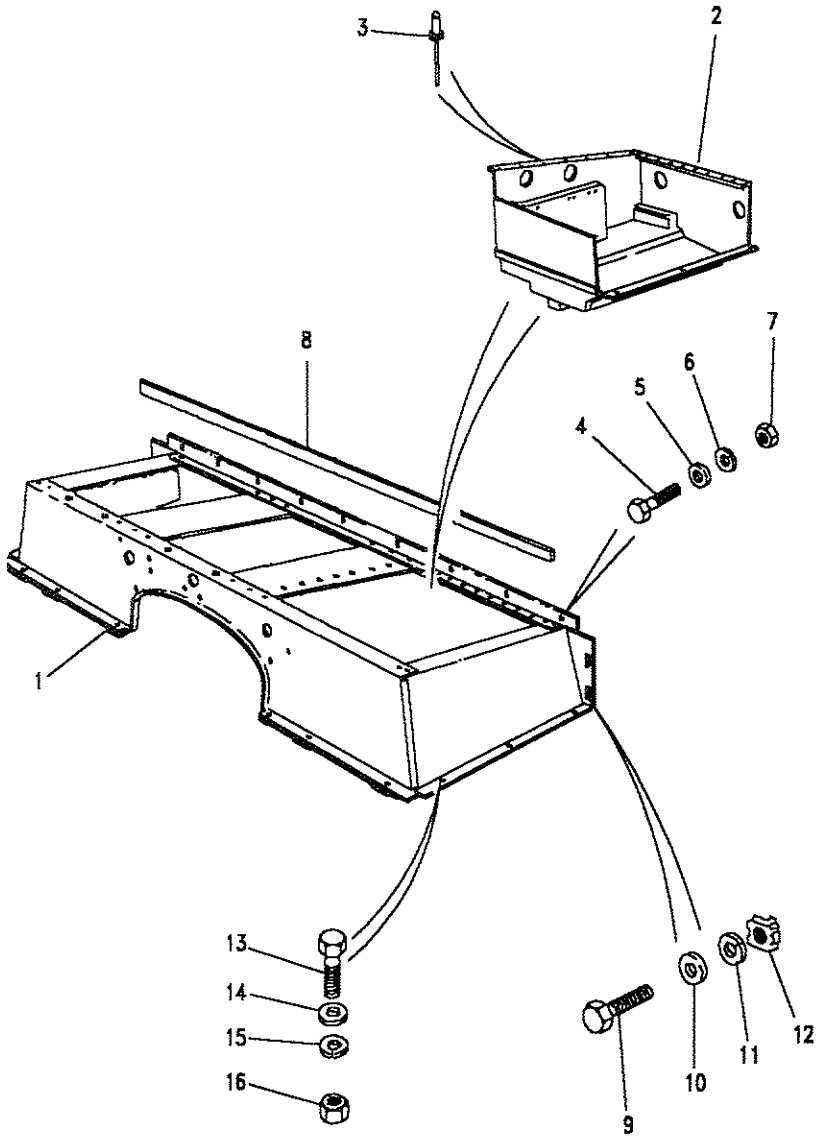
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MRC9720 | Floor plate front RH | 1 | 4 Cylinder |
| | MUC1228 | Floor plate front RH | 1 | V8-LT85 |
| | ALR1742 | Floor plate front RH | 1 | V8-LT77 |
| 2 | MTC2248 | Floor plate front LH | 1 | 4 Cylinder |
| | MUC1227 | Floor plate front LH | 1 | V8-LT85 |
| | ALR1743 | Floor plate front LH | 1 | V8-LT77 |
| | MUC8835 | Floor plate front LH | 1 | Diesel Turbo |
| 3 | AB614061L | Screw -plate to toebox | 5 | |
| 4 | MRC5527 | Washer plain | 5 | |
| 5 | RTC3744 | Nut lokut | 5 | |
| 6 | SE106201L | Screw -plate to sill channel | 4 | |
| 7 | WC106041L | Washer plain | 4 | |
| 8 | WL106001L | Washer spring | 4 | |
| 9 | NH106041L | Nut | 4 | |
| 10 | 320045 | Bolt -plate to heelboard | 5 | )4 Cylinder |
| 11 | WC106041L | Washer plain | 5 | ) |
| 12 | AL614011 | Nut spire | 5 | ) |
| | 320045 | Bolt -plate to heelboard | 6 | )V8 |
| | WC106041L | Washer plate | 6 | ) |
| | AL604011 | Nut spire | 6 | ) |
| 13 | MRC8626 | Seal RH | 1 | |
| 14 | MRC8626 | Seal LH | 1 | |
| 15 | MRC8626 | Seal RH | 1 | |
| 16 | MRC8626 | Seal LH | 1 | |




**Model** DEFENDER 90
**Page** ADNXCI1A

## BODY - SEAT BASE

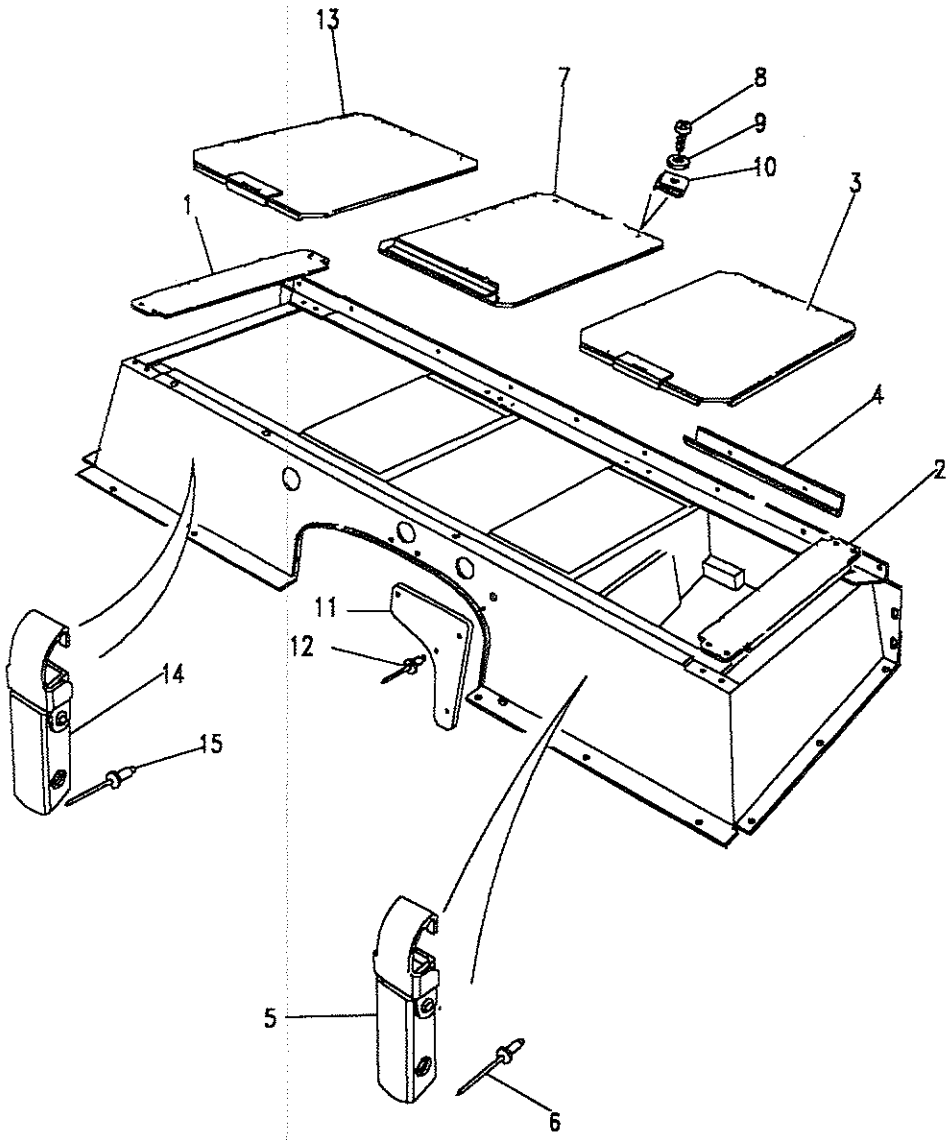
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder** | | | | |
| 1 | RTC6218 | Seat base | 1 | Up to 455945 |
| | MXC8551 | Seat base | 1 | From 455946 |
| **V8** | | | | |
| | MUC6167 | Seat base | 1 | Up to 455945 |
| **V8 - LT85** | | | | |
| | MXC8555 | Seat base | 1 | From 455946 |
| **V8 - LT77/R380 & 300 TDI/R380** | | | | |
| | ALR6366 | Seat base | 1 | No Locker |
| | ALR6365 | Seat base | 1 | With Locker |
| **All variants** | | | | |
| 2 | MRC9664 | Battery tray | 1 | Upto 455945 |
| | MXC8556 | Battery tray | 1 | From 455946 |
| 3 | 78248 | Rivet | 28 | |
| 4 | FS106201L | Flange screw | 9 | |
| 5 | MRC5525 | Washer plain | 18 | |
| | WA108051L | Washer plain | 9 | |
| 6 | WL106001L | Washer spring | 9 | |
| 7 | NH106041L | Nut | 9 | |
| 8 | MRC8626 | Seal | 1 | |
| 9 | FS106201L | Flange screw | 2 | |
| | SH106251L | Screw | 2 | |




**Model** DEFENDER 90
**Page** ADNXCI1A

**BODY - SEAT BASE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 10 | MRC5528 | Washer plain | 4 | |
| 11 | WL106001L | Washer spring | 4 | |
| 12 | NK106081 | Nut grip | 4 | |
| 13 | FS106201L | Flange screw | 6 | |
| 14 | MRC5525 | Washer plain | 12 | |
| 15 | WL106001L | Washer spring | 6 | |
| 16 | NH106041L | Nut | 6 | |

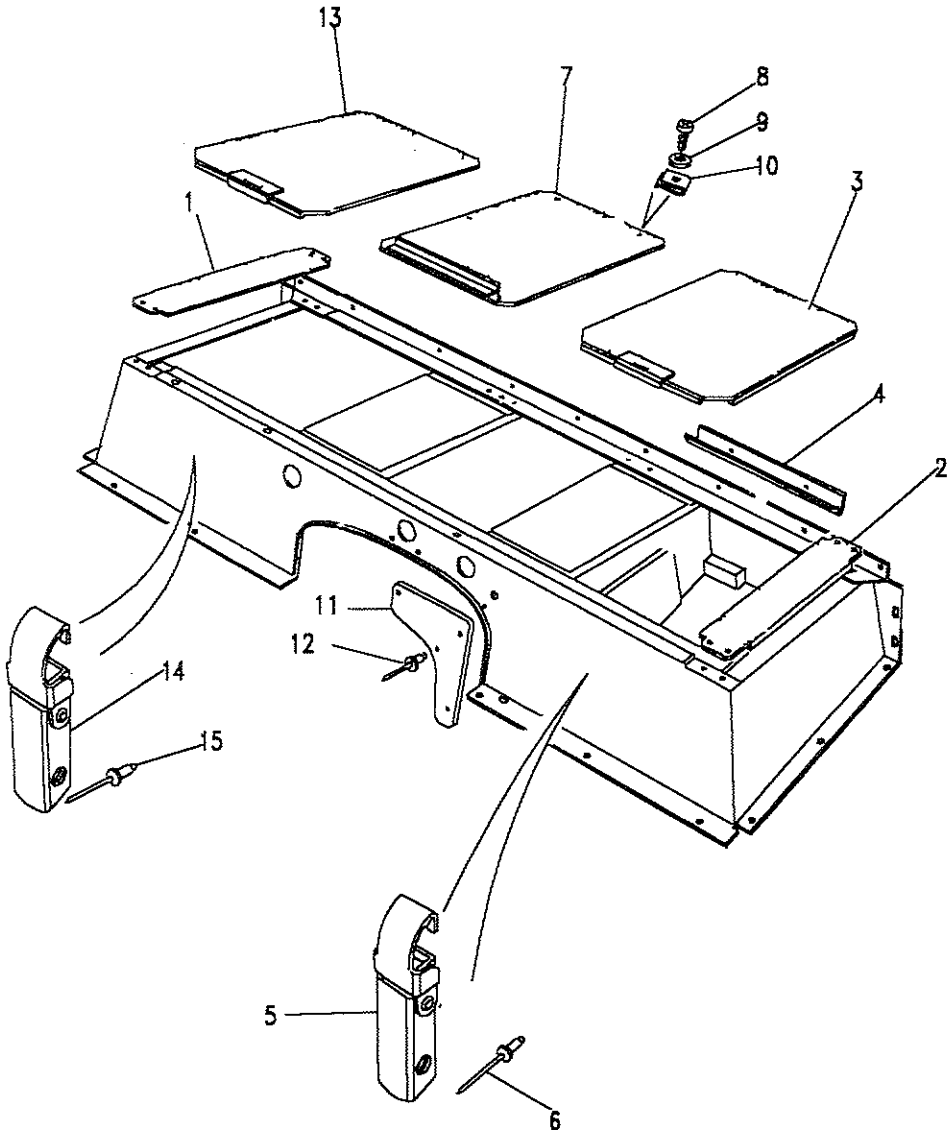



**Model** DEFENDER 90
**Page** ADNXCI2A

## BODY - SEATBASE FITTINGS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC1412 | Panel extension RH | 1 | Upto 277963 |
| | 334966 | Panel extension RH | 1 | From 277964 Upto 455945 Note(1) |
| 2 | MUC1412 | Panel extension LH | 1 | Upto 455945 Note(1) |
| 3 | ALR5110 | Cover battery access | 1 | |
| 4 | MRC8136 | Angle locating | 1 | Upto 455945 |
| | MXC6338 | Angle locating | 1 | From 455946 |
| | FS106201L | Flange screw | 2 | |
| | NH106041L | Nut | 2 | |
| 5 | MRC8388 | Catch overcentre | 1 | |
| 6 | RU608123L | Rivet | 2 | |
| **4 Cylinder** | | | | |
| 7 | MXC6315 | Cover centre | 1 | Up to 456186 |
| | MTC4196 | Cover | 1 | From 456186 Note(2) |
| | MXC9116 | Cover centre | 1 | From HA456187 |
| **V8** | | | | |
| | MTC4215 | Cover centre | 1 | Up to FA413377 |
| | MXC6132 | Cover centre | 1 | From FA413378 |
| | MXC9117 | Cover centre | 1 | From HA456187 |

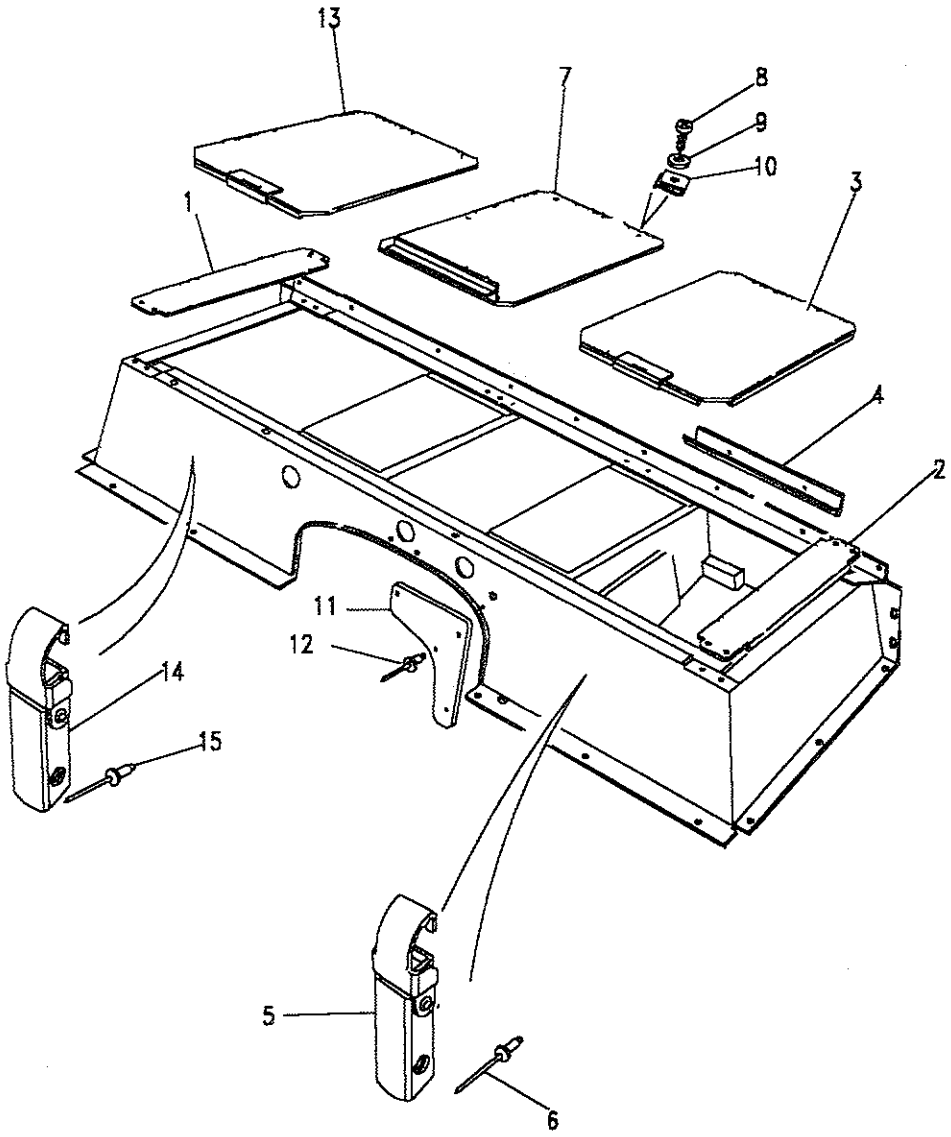
Note(1) From HA455946-extension panels are part of seat base
Note(2) When Cubby Box fitted




**Model** DEFENDER 90
**Page** ADNXCI2A

## BODY - SEATBASE FITTINGS

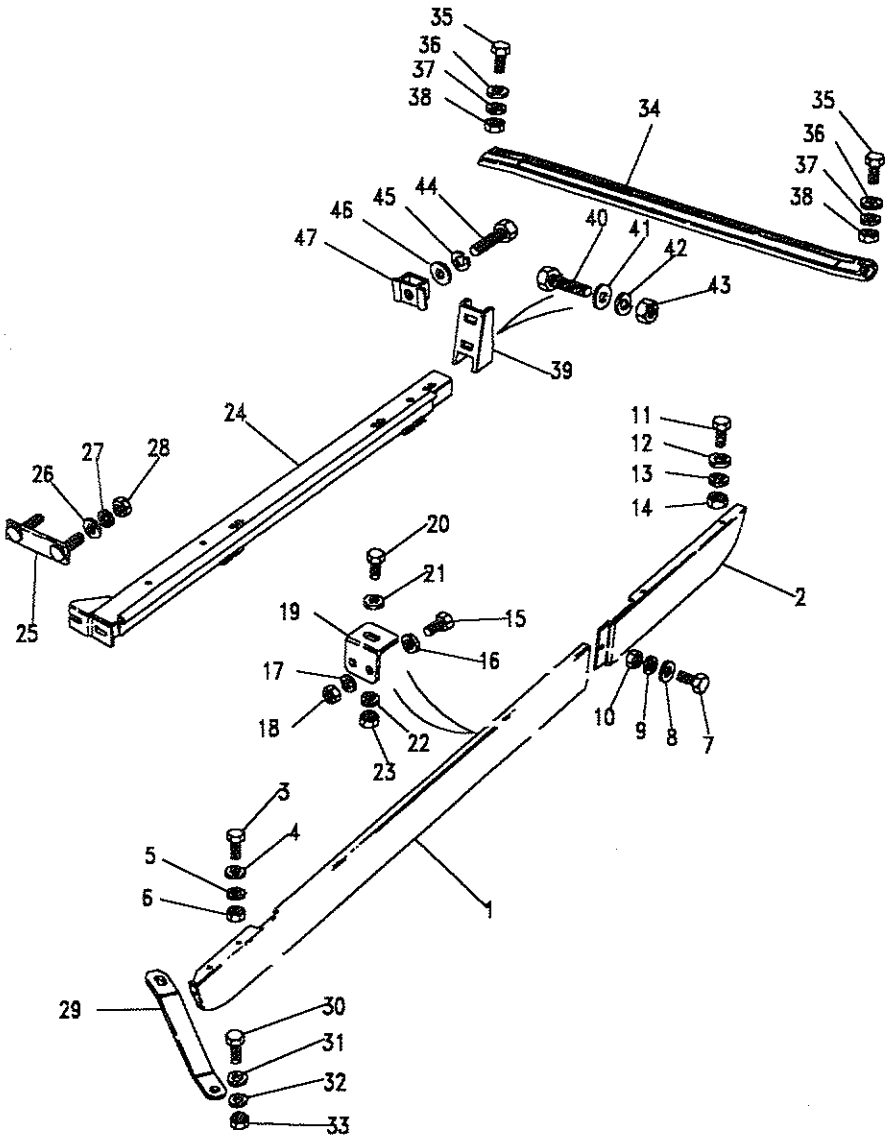
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 8 | AB610051L | Screw | 4 | |
| 9 | WC106041L | Plain Washer | 4 | |
| 10 | 53K3039L | Spire Nut | 4 | |
| **4 Cylinder** | | | | |
| 11 | MTC2203 | Plate cover | 1 | RHD |
| | MTC2202 | Plate cover | 1 | LHD |
| **V8** | | | | |
| | MUC1234 | Plate cover | 1 | RHD |
| | MUC1233 | Plate cover | 1 | LHD |
| 12 | 78248 | Rivet | 4 | |
| **Detachable type** | | | | |
| 13 | MUC4499 | Cover fuel tank access | 1 | Up to 455945 |
| | MXC7373 | Cover fuel tank access | 1 | From 455946 |
| **All variants** | | | | |
| | MRC8136 | Angle locating | 1 | Upto 455945 |
| | MXC6338 | Angle locating | 1 | From 455946 |
| | FS106201L | Flange screw | 2 | |
| | MRC5525 | Washer plain | 2 | |
| | NH106041L | Nut | 2 | |
| 14 | MRC8388 | Catch overcentre | 1 | |
| 15 | RU608123L | Rivet | 2 | |




**Model** DEFENDER 90
**Page** ADNXCI2A

**BODY - SEATBASE FITTINGS**

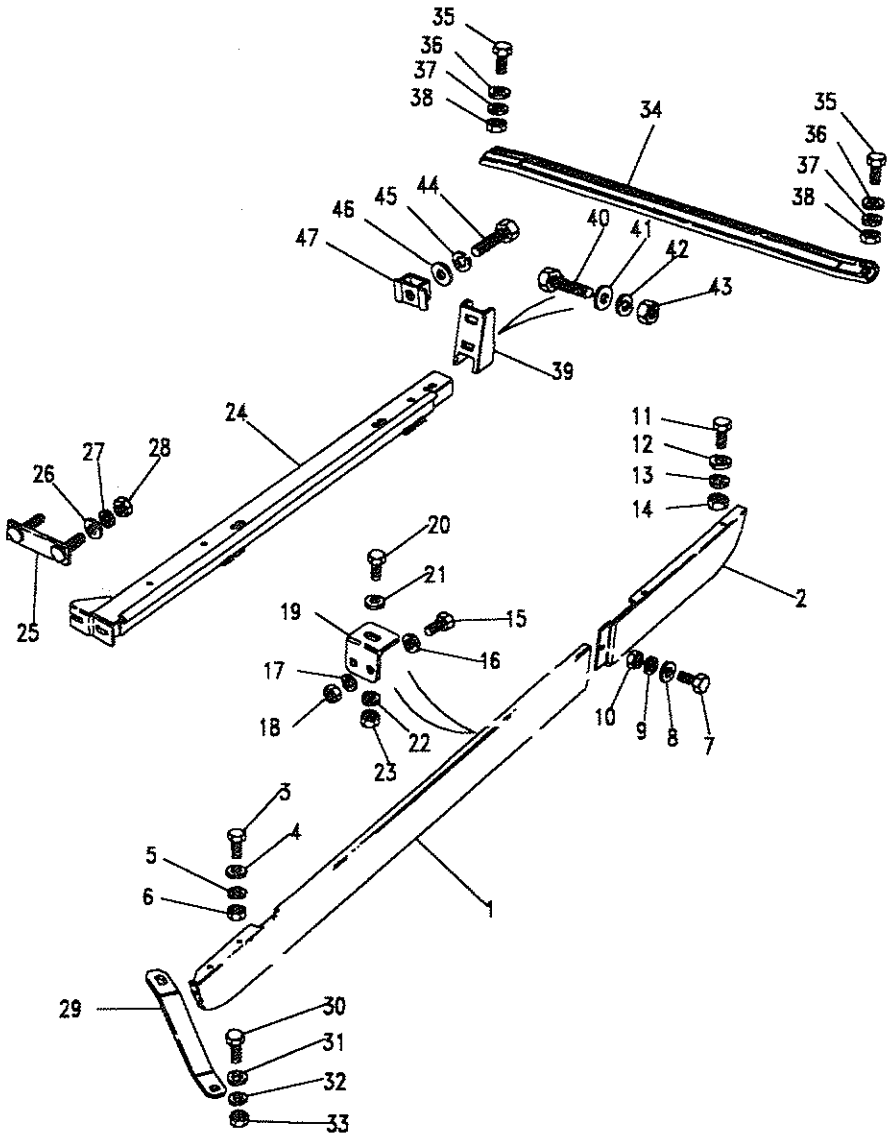
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | 348859 | Cover fuel tank access | 1 | Screwdown type |
| | AB610051L | Screw | 6 | RHD |
| | WC106041L | Washer plain | 6 | RHD |
| | 78237 | Nut spire | 6 | RHD |
| | MRC8136 | Angle locating | 1 | LHD Upto 455945 |
| | MXC6338 | Angle locating | 1 | LHD From 455946 |
| | FS106201L | Flange screw | 2 | |
| | MRC5525 | Washer plain | 2 | ) |
| | NH106041L | Nut | 2 | ) |
| | 338017 | Plug blanking | 2 | )LHD |
| | AB610051L | Screw | 4 | ) |
| | | -cover to seatbase | | ) |
| | WC106041L | Washer plain | 4 | ) |
| | 78237 | Nut spire | 4 | ) |
| | MRC5509 | Stud plate | 1 | Seat fixing |
| | RB613102 | Rivet | 1 | |
| | MUC5376 | Pad sound deadening | 3 | Seatbase covers |
| | 338015 | Plug blanking-1/2" dia | 4 | Seatbase |
| | 338028 | Plug blanking-2"dia | 1 | Seatbase |
| | 338017 | Plug blanking-9/16" dia | 6 | Seatbase |




**Model** DEFENDER 90
**Page** ADNXCK1A

## BODY - SILL PANELS

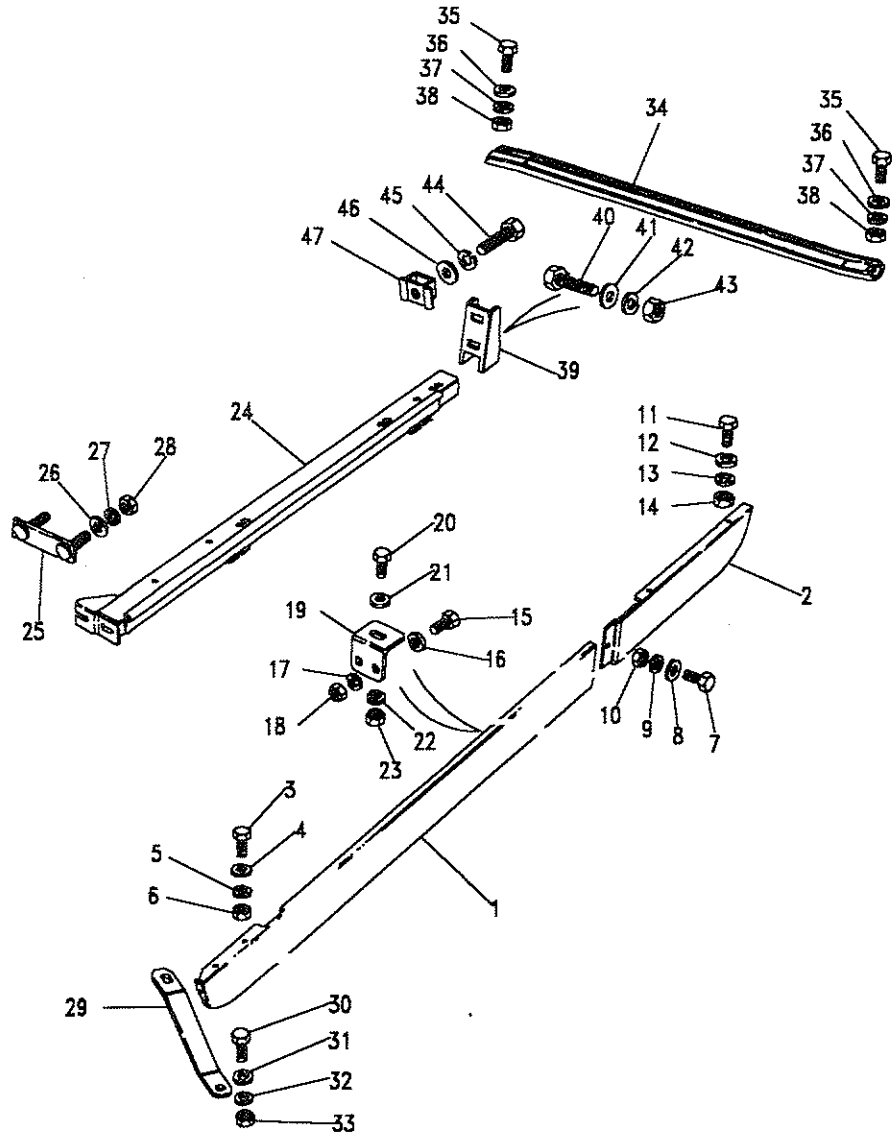
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6205 | Sill panel front RH | 1 | |
| | RTC6206 | Sill panel front LH | 1 | |
| | ALR3362 | Sill panel front RH | 1 | 90SV |
| | ALR3363 | Sill panel front LH | 1 | 90SV |
| 2 | MTC8292 | Panel sill | 1 | |
| | MTC8293 | Sill panel rear LH | 1 | |
| | 337812 | Sill panel rear RH | 1 | Chassis cab |
| | 337813 | Sill panel rear LH | 1 | Chassis cab |
| **Front sill panel to outer wing panel** | | | | |
| 3 | FS106167L | Screw | 4 | |
| 4 | MRC5525 | Washer plain | 8 | |
| 5 | WL106001L | Washer spring | 4 | |
| 6 | NH106041L | Nut | 4 | |
| **Front to rear sill panel** | | | | |
| 7 | FS106167L | Screw | 2 | |
| 8 | RTC609 | Washer plain | 4 | |
| 9 | WM106001L | Washer spring | 2 | |
| 10 | NH106041L | Nut | 2 | |
| **Fixing - Rear sill panel - Station Wagon** | | | | |
| 11 | FS106167L | Screw | 4 | |
| 12 | RTC609 | Washer plain | 4 | |
| 13 | WM106001L | Washer spring | 4 | |
| 14 | NH106041L | Nut | 4 | |
| **Fixing - Rear sill panel - Non Station Wagon** | | | | |
| | FS106167L | Screw | 14 | |
| | RTC609 | Washer plain | 12 | |
| | WM106001L | Washer spring | 6 | |
| | NH106041L | Nut | 14 | |
| **Sill panel to channel bracket** | | | | |
| 15 | FS106167L | Screw | 4 | |
| 16 | RTC609 | Washer plain | 8 | |




**Model** DEFENDER 90
**Page** ADNXCK1A

**BODY - SILL PANELS**

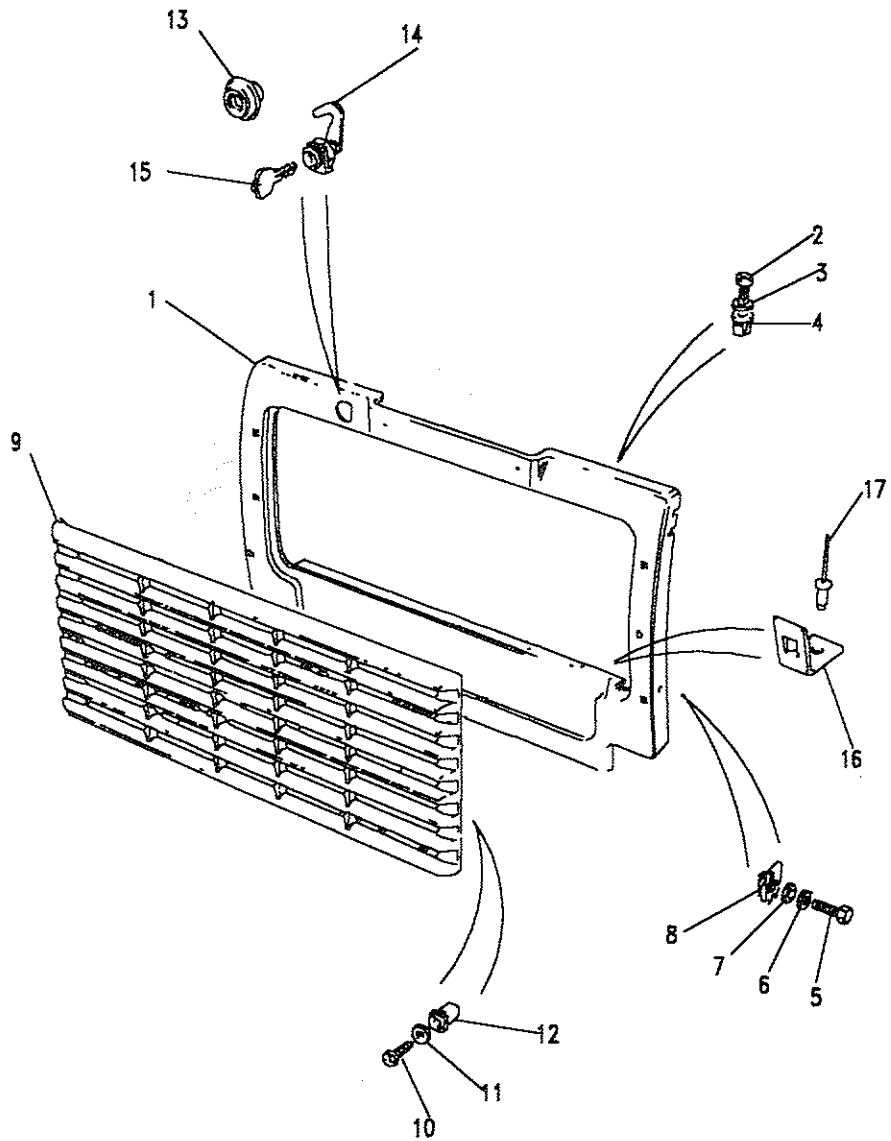
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 17 | WM106001L | Washer spring | 4 | |
| 18 | NH106041L | Nut | 4 | |
| 19 | MRC9438 | Bracket | 4 | |
| | **Bracket to sill channel** | | | |
| 20 | FS106201L | Flange screw | 4 | |
| 21 | AFU1069 | Washer plain | 8 | |
| 22 | WL106001L | Washer spring | 4 | |
| 23 | NH106041L | Nut | 4 | |
| 24 | MWC1086 | Sill channel RH | 1 | )Up to |
| | MWC1087 | Sill channel LH | 1 | )LA924784 |
| | ALR5294 | Sill channel RH | 1 | )From |
| | ALR5295 | Sill channel LH | 1 | )LA924785 |
| | **Sill channel to dash** | | | |
| 25 | MRC5765 | Stud plate | 2 | |
| 26 | RTC610 | Washer plain | 4 | |
| 27 | WM600051L | Washer spring | 4 | |
| 28 | FN108041L | Nut | 4 | |




**Model** DEFENDER 90
**Page** ADNXCK1A

**BODY - SILL PANELS**

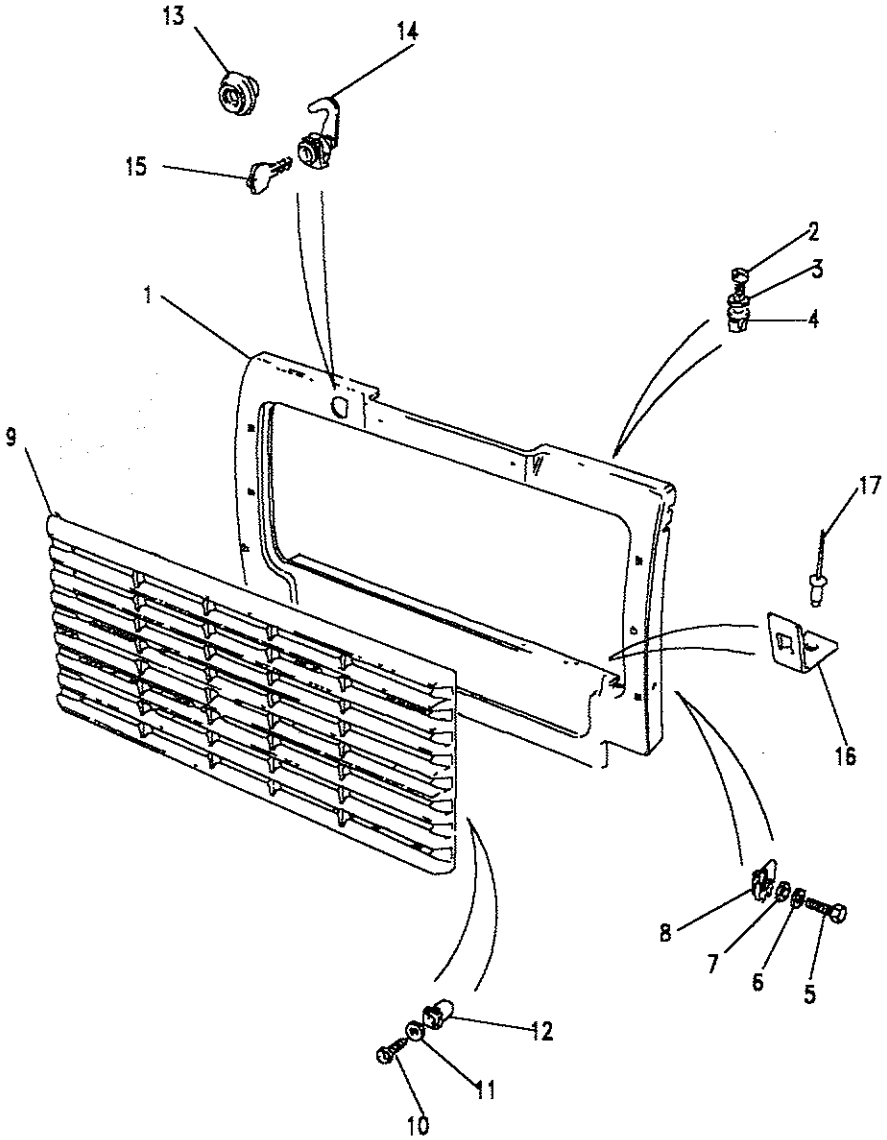
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 29 | MRC5153 | Front Stay | 2 | |
| 30 | FS106167L | Screw | 4 | |
| 31 | WA106041L | Washer plain | 4 | |
| 32 | WL106001L | Washer spring | 4 | |
| 33 | NH106041L | Nut | 4 | |
| 34 | MRC6019 | Centre Stay | 2 | |
| 35 | FS106167L | Screw | 4 | |
| 36 | WA106041L | Washer plain | 4 | |
| 37 | WL106001L | Washer spring | 4 | |
| 38 | NH106041L | Nut | 4 | |
| 39 | 347436 | Bracket mounting | 2 | |
| 40 | FS108207L | Screw | 4 | |
| 41 | RTC610 | Washer plain | 8 | |
| 42 | WL108001L | Washer spring | 4 | |
| 43 | FN108041L | Nut | 4 | |
| 44 | FS106201L | Flange screw | 4 | |
| 45 | WL106001L | Washer spring | 4 | |
| 46 | MRC5528 | Washer plain | 4 | |
| 47 | NK106081 | Nut grip | 4 | |




**Model** DEFENDER 90
**Page** ADNXDA1A

## BODY - RADIATOR GRILLE

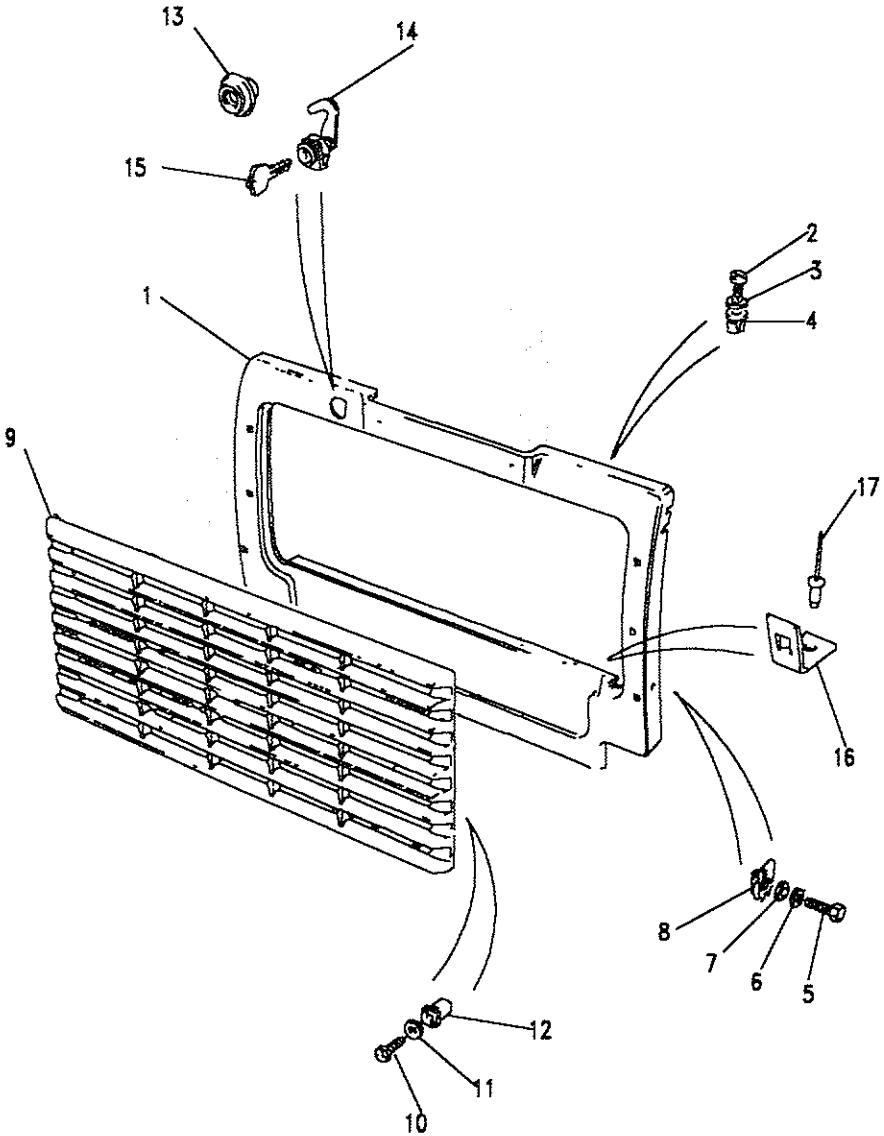
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Hand operated bonnet release** | | | | |
| 1 | MTC4837 | Panel grille | 1 | |
| **Hand operated bonnet release** | | | | |
| | MWC2926 | Panel grille | 1 | Up to HA906578 |
| | ALR1339 | Panel grille | 1 | From JA906579 |
| **Hand operated bonnet release - oil cooler not part of radiator** | | | | |
| | MTC1810 | Panel grille | 1 | |
| **Air Con** | | | | |
| | MUC6112 | Panel grille | 1 | Up to HA906578 |
| | ALR1522 | Panel grille | 1 | From JA906579 |
| | MRC9544 | Seal | 1 | |
| 2 | AB606057 | Screw | 4 | |
| 3 | WC105007 | Washer plain | 4 | |
| 4 | RTC3745 | Nut lokut | 4 | |
| 5 | FS108207L | Screw | 2 | |
| 6 | WL108001L | Washer spring | 2 | |
| 7 | WA108051L | Washer plain | 2 | |
| 8 | NJ108061L | Nut retainer | 2 | |
| | MTC6332 | Bracket mounting | 1 | Air Con |
| | AB614065L | Screw | 2 | Air Con |
| | WL106005L | Washer spring | 2 | Air Con |
| | WA106045L | Washer plain | 2 | Air Con |
| | AK612011L | Nut spring | 2 | Air Con |




**Model** DEFENDER 90
**Page** ADNXDA1A

## BODY - RADIATOR GRILLE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 9 | MTC3862 | Grille | 1 | |
| | MWC8466CUF | Grille-Arrow Red | 1 | |
| | MWC8466HCC | Grille-Bronze Green | 1 | |
| | MWC8466HCN | Grille-Trident Green | 1 | |
| | MWC8466JUG | Grille-Shire Blue | 1 | |
| | MWC8466LCN | Grille-Slate Grey | 1 | |
| | MWC8466NCM | Grille-Ivory | 1 | |
| | MWC8466PUC | Grille-Black | 1 | |
| | MWC8466HUJ | Grille-Eastnor Green | 1 | |
| | MWC8466SUB | Grille-Arran Beige | 1 | |
| | MWC8466JUH | Grille-Pacific Blue | 1 | |
| | MWC8466NUC | Grille-White | 1 | |
| | MWC8466LUS | Grille-Grey | 1 | |
| **Non Air Con** | | | | |
| 10 | AB614088 | Screw | 8 | |
| 11 | WA106045L | Washer plain | 8 | |
| | WL106005L | Washer spring | 2 | |
| 12 | RTC3744 | Nut lokut | 8 | |
| **Air Con** | | | | |
| | SE105161L | Screw | 4 | |
| | WC105001L | Washer plain | 4 | |
| | WF105001L | Washer shakeproof | 4 | |

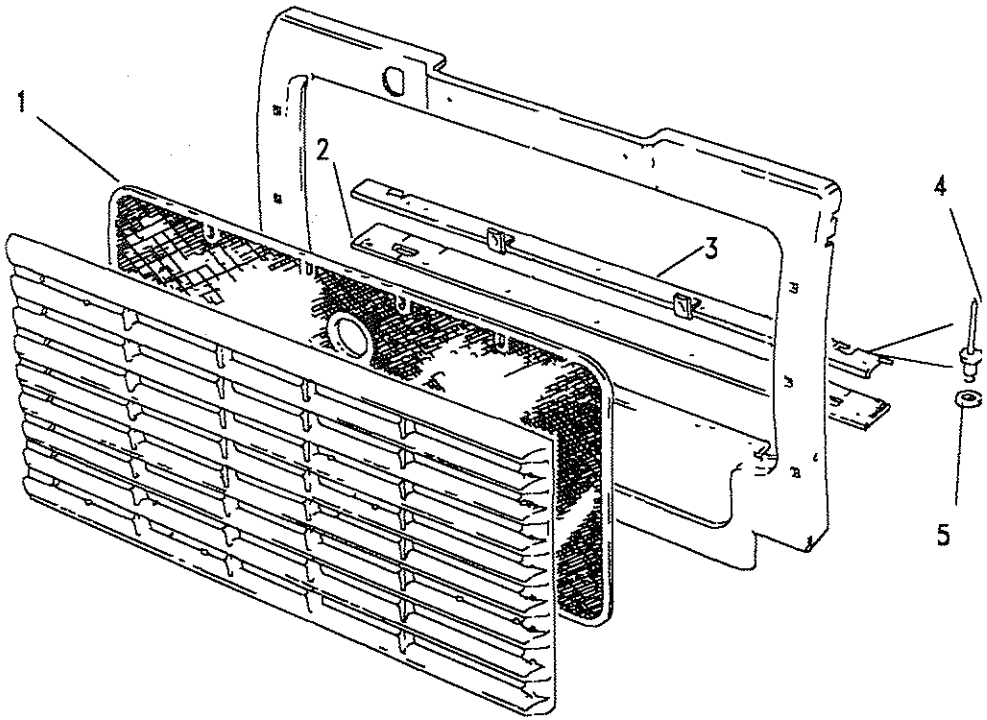



**Model** DEFENDER 90
**Page** ADNXDA1A

## BODY - RADIATOR GRILLE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | 338023 | Plug | 1 | |
| | **Non air con** | | | |
| 14 | RTC3023 | Kit bonnet lock | 1 | |
| | **Air con** | | | |
| | RTC3036 | Kit bonnet lock | 1 | |
| | | Barrel lock and keys | | ) |
| 15 | | Key blank | | )Note(1) |
| 16 | MTC6827 | Bracket mounting | 2 | ) |
| 17 | RA610183 | Rivet | 2 | )Note(2) |
| | MTC5603 | Catch lever and hook | 1 | Air Con |
| | AFU1350 | Monobolt | 2 | Air Con |

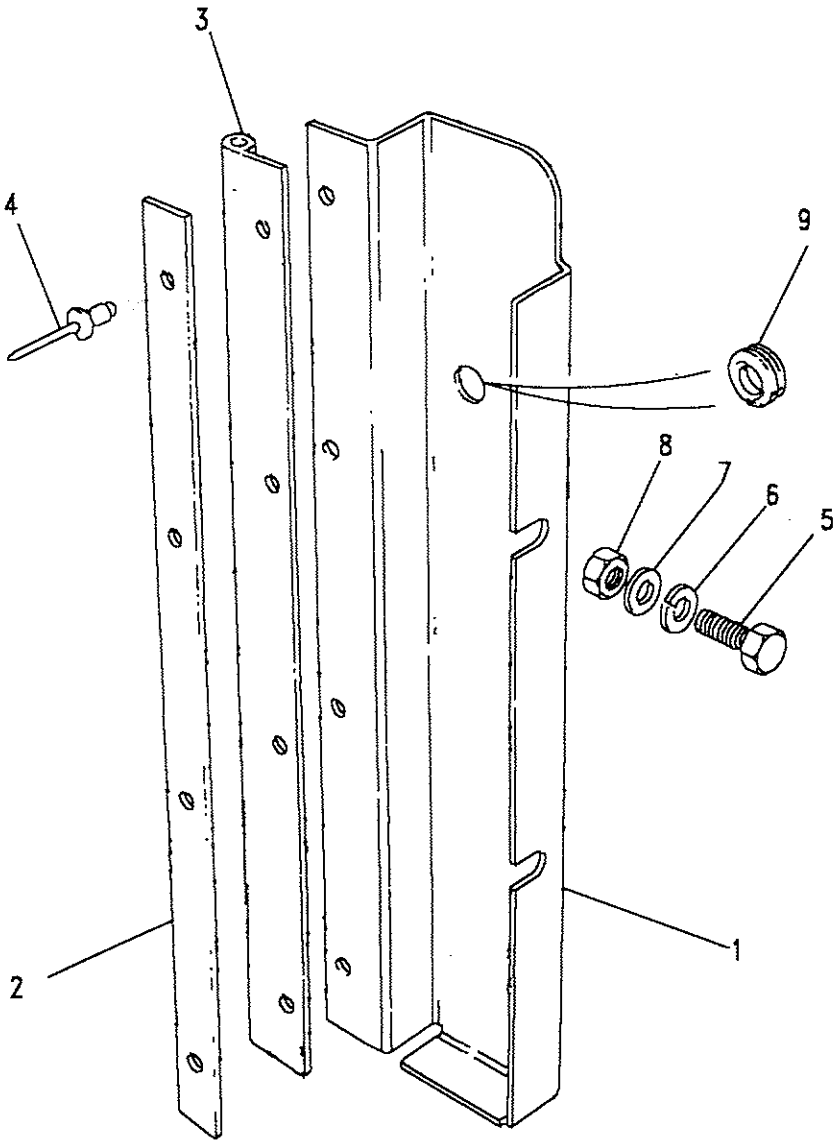
Note(1) For locks see page 861
Note(2) Not required when Chaff Guard fitted




**Model** DEFENDER 90
**Page** ADNXDA2A

## BODY - HAND GUARD, CHAFF GUARD

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Hand operated bonnet release** | | | | |
| 1 | MTC4007 | Guard chaff | 1 | Non Air Con |
| | MTC4220 | Guard hand | 1 | Air Con |
| **Cable operated bonnet release** | | | | |
| | MTC4220 | Guard hand | 1 | |
| **All variants** | | | | |
| 2 | MTC4829 | Seal | 1 | |
| 3 | MTC4826 | Clamp strip | 1 | |
| 4 | 78248 | Rivet | 7 | |
| 5 | WA105001L | Washer plain | 2 | |

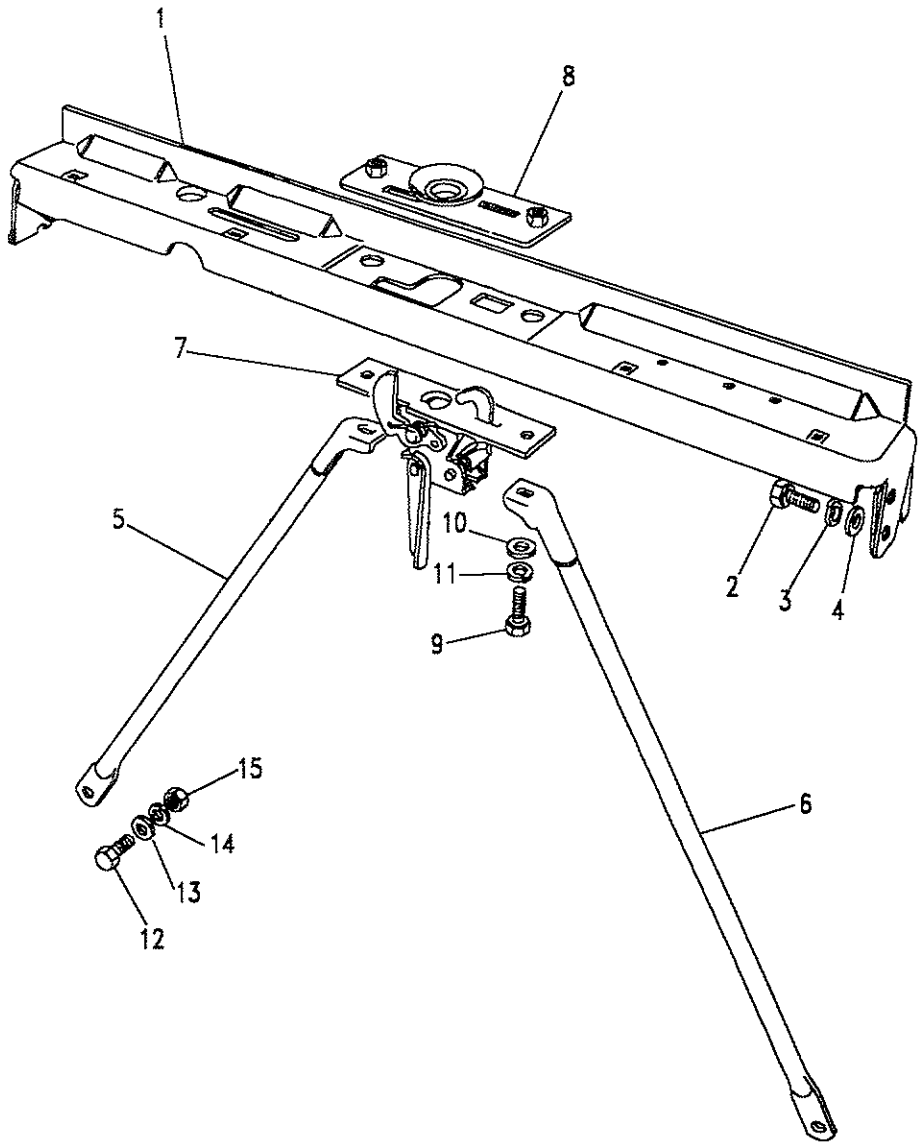



**Model** DEFENDER 90
**Page** ADNXDA3A

## BODY - RADIATOR BAFFLE PLATE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MRC9393 | Plate baffle RH | 1 | |
| | MRC9394 | Plate baffle LH | 1 | |
| 2 | MRC8269 | Plate backing | 2 | |
| 3 | MRC8047 | Seal | 2 | |
| 4 | RA612183 | Rivet | 8 | |
| 5 | SH106161 | Screw | 4 | |
| 6 | WM106001 | Washer spring | 4 | |
| 7 | WA106041L | Washer plain | 4 | |
| 8 | NH106041L | Nut | 4 | |
| 9 | 235113 | Grommet | 1 | LH side |

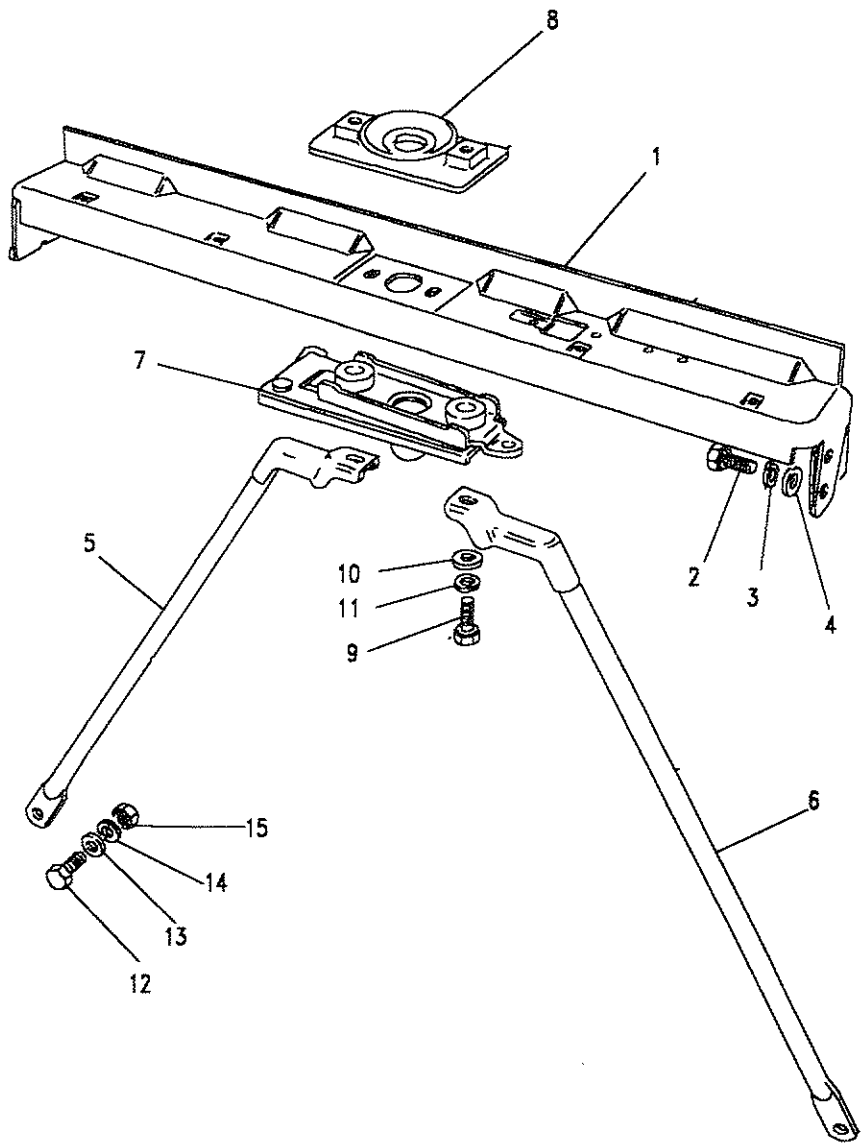
Note(1) Not applicable to Diesel and V8




**Model** DEFENDER 90
**Page** ADNXDC1A

## BODY - GRILLE TOP PANEL AND BRACES

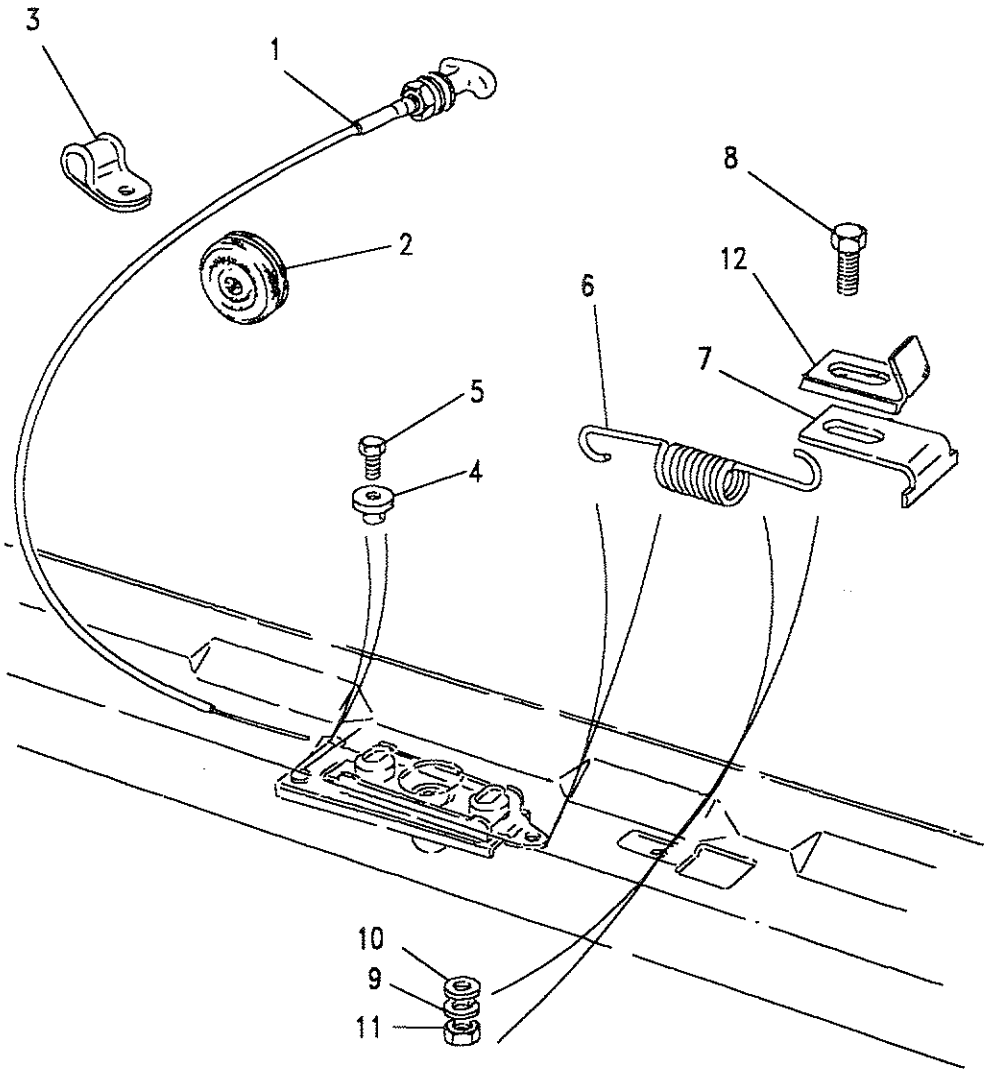
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Hand Operated Bonnet Release** | | | | |
| 1 | MTC7170 | Panel grille top | 1 | |
| 2 | FS108201L | Screw | 4 | |
| 3 | WL108001L | Washer spring | 4 | |
| 4 | WA108051L | Washer plain | 4 | |
| 5 | MTC3982 | Cross brace RH | 1 | |
| 6 | MTC3983 | Cross brace LH | 1 | |
| **Non Air con** | | | | |
| 7 | MRC6977 | Catch bonnet | 1 | |
| 8 | MRC6978 | Washer plate | 1 | |
| **Non Air con** | | | | |
| 7 | MTC4932 | Catch bonnet | 1 | |
| 8 | MTC7140 | Washer plate | 1 | |
| | NH106045 | Nut | 2 | |
| **All variants** | | | | |
| 9 | AFU1203 | Screw | 2 | |
| 10 | AFU1080 | Washer plain | 2 | |
| 11 | WL106001L | Washer spring | 2 | |
| 12 | FS108207L | Screw | 2 | |
| 13 | WA108051L | Washer plain | 2 | |
| 14 | WL108001L | Washer spring | 2 | |
| 15 | FN108041L | Nut | 2 | Non Air Con |
| | NY108041L | Nut | 2 | Air Con |




**Model** DEFENDER 90
**Page** ADNXDC2A

## BODY - GRILLE TOP PANEL AND BRACES

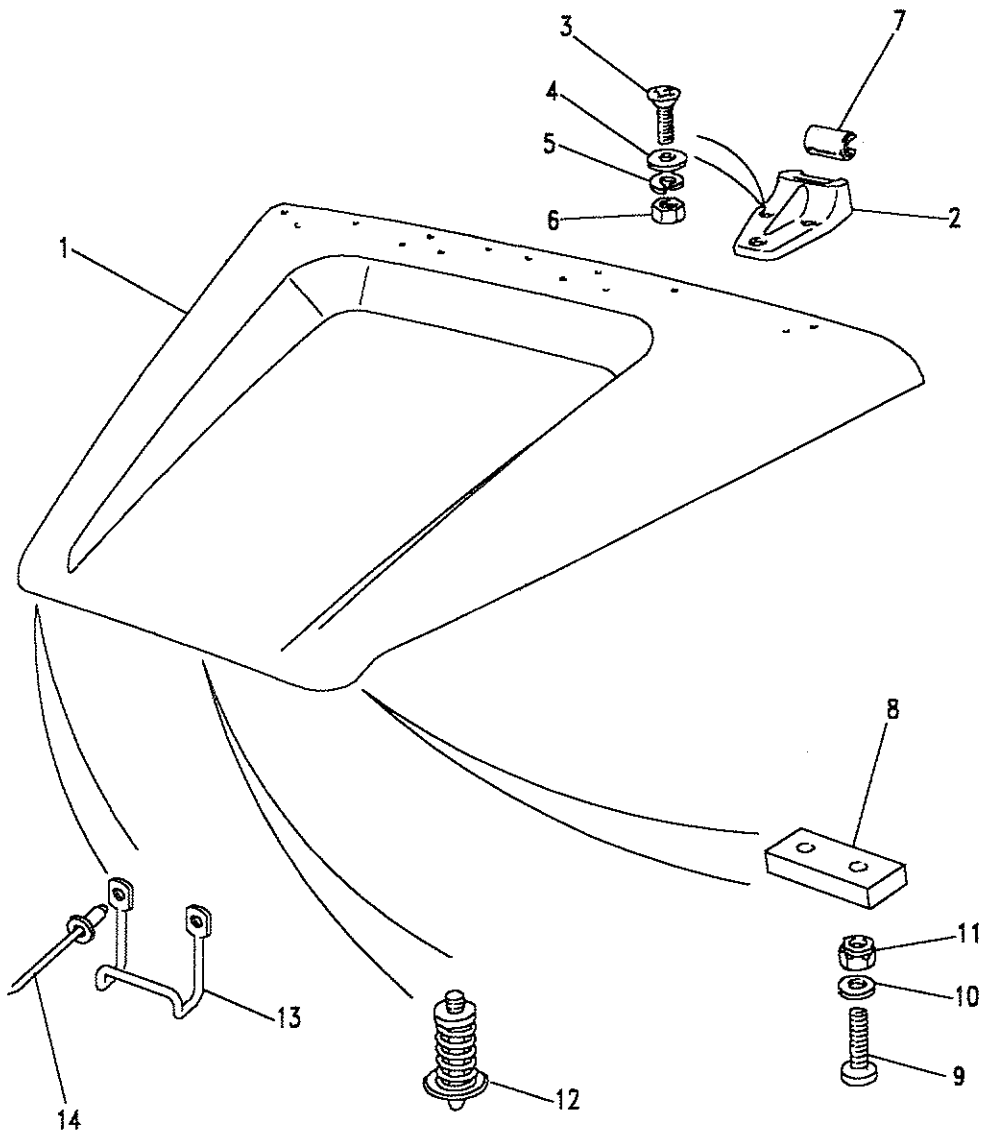
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Cable Operated Bonnet Release** | | | | |
| 1 | MUC4806 | Panel grille top | 1 | Upto FA436551 |
| | MXC7732 | Panel grille top | 1 | From FA436552 Upto KA923603 |
| | ALR4564 | Panel grille top | 1 | From KA923604 |
| 2 | FS108201L | Screw | 4 | Upto FA436551 |
| | FS108251L | Screw | 4 | Non Air Con From FA436552 |
| | SH108351L | Screw | 4 | Air Con From FA436552 |
| 3 | WL108001L | Washer spring | 4 | |
| 4 | WA108051L | Washer plain | 4 | |
| 5 | MUC6658 | Cross brace RH | 1 | |
| 6 | MUC6659 | Cross brace LH | 1 | |
| 7 | ALR2385 | Catch bonnet | 1 | Upto KA929745 |
| | STC925 | Kit bonnet catch plate | 1 | From KA929746 |
| 8 | MUC4804 | Washer plate | 1 | |
| 9 | SH106301L | Screw | 2 | |
| 10 | WA106041L | Washer plain | 2 | |
| 11 | WL106001L | Washer spring | 2 | |
| 12 | FS108207L | Screw | 2 | |
| 13 | WA108051L | Washer plain | 2 | |
| 14 | WL108001L | Washer spring | 2 | |
| 15 | FN108041L | Nut | 2 | Non Air Con |
| | NY108041L | Nut | 2 | Air Con |




**Model** DEFENDER 90
**Page** ADNXDC3A

## BODY - BONNET RELEASE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MXC7354 | Cable bonnet release | 1 | |
| 2 | 235113 | Grommet | 2 | |
| 3 | 3887 | Clip cable | 1 | Upto 344387 |
| | MWC9380 | Clip cable | 1 | From 344388 |
| | 13H489L | Clip cable | 1 | |
| 4 | STC926 | Kit bonnet catch retainer | 1 | |
| | STC925 | Kit bonnet catch plate | 1 | |
| 5 | STC926 | Kit bonnet catch retainer | 1 | |
| | STC925 | Kit bonnet catch plate | 1 | |
| 6 | 351991 | Spring | 1 | |
| 7 | 393218 | Plate adjusting | 1 | |
| 8 | FS106167L | Screw | 1 | |
| 9 | WL106001L | Washer spring | 1 | |
| 10 | WA106041L | Washer plain | 1 | |
| 11 | NH106041L | Nut | 1 | |
| 12 | MWC3339 | Plate catch | 1 | From 321774 |

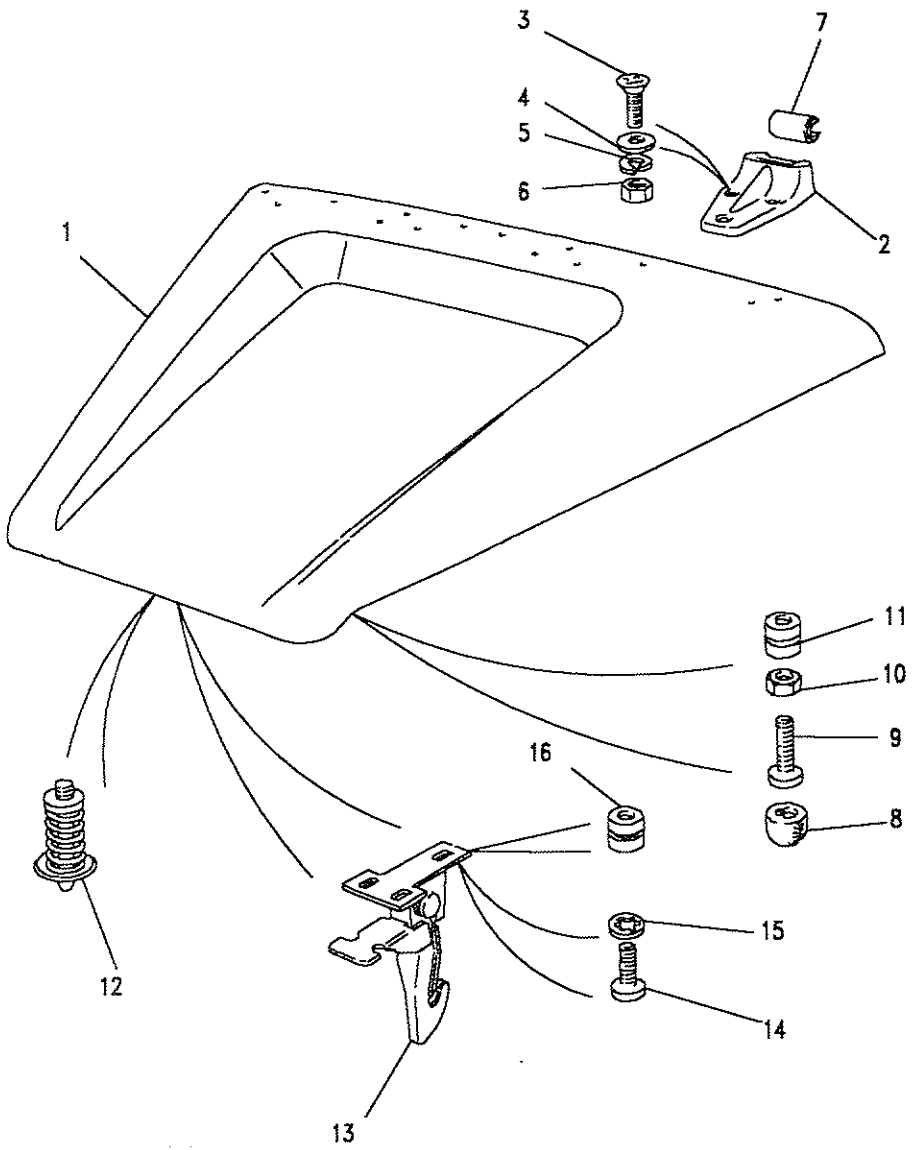



**Model** DEFENDER 90
**Page** ADNXDE1A

## BODY - BONNET

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Hand operated bonnet release** | | | | |
| 1 | RTC6213 | Bonnet | 1 | |
| 2 | MRC9244 | Hinge | 2 | |
| 3 | SF106161 | Screw | 6 | |
| 4 | WB106041 | Washer plain | 6 | |
| 5 | WL106001L | Washer spring | 6 | |
| 6 | NH106041L | Nut | 6 | |
| 7 | 346849 | Bush | 2 | |
| 8 | MRC5016 | Buffer rubber | 4 | |
| 9 | SE105141 | Screw | 8 | |
| 10 | WA105001 | Washer plain | 16 | |
| 11 | NY105041 | Nut nyloc | 8 | |
| 12 | MRC9995 | Striker bonnet | 1 | |
| 13 | MRC4501 | Staple bonnet lock | 1 | Note(1) |
| 14 | 78248 | Rivet | 2 | Note(1) |

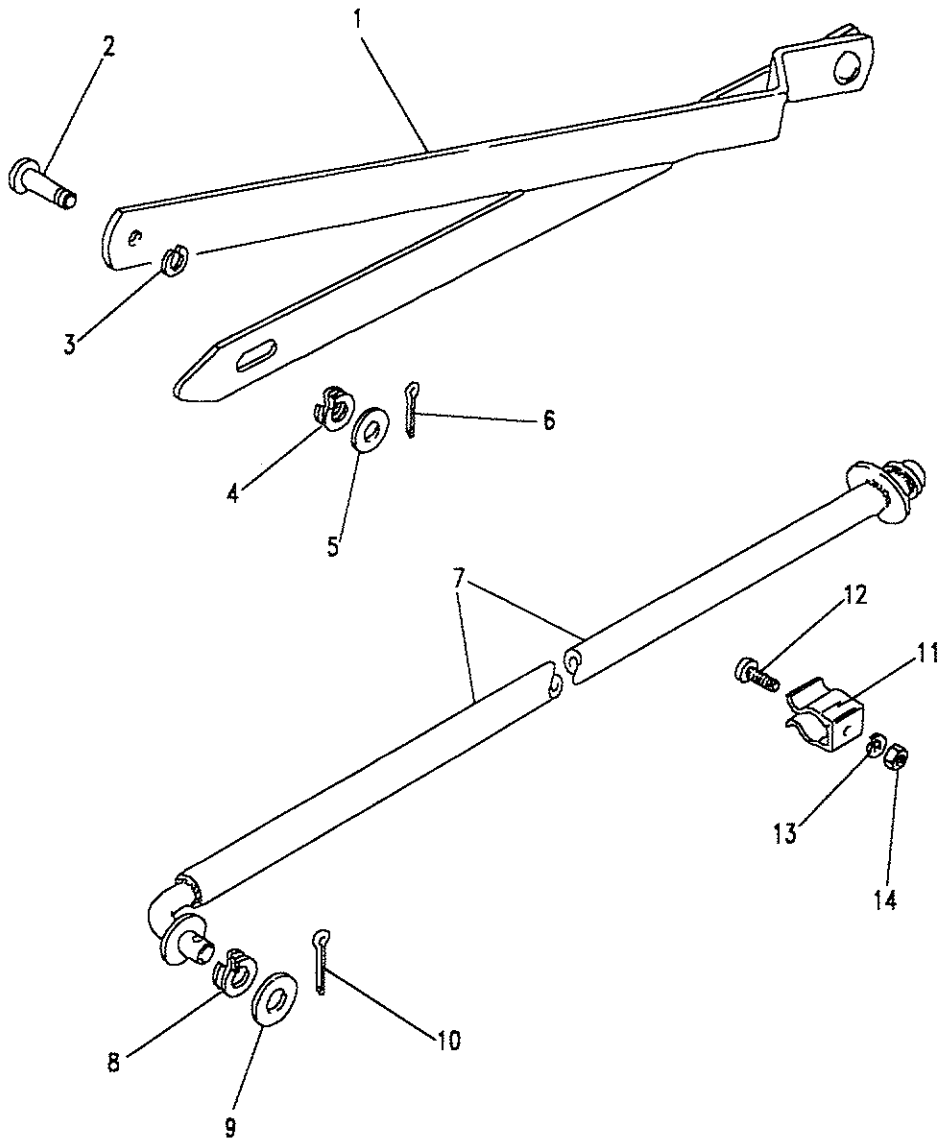
Note(1) Required when bonnet lock fitted




**Model** DEFENDER 90
**Page** ADNXDE2A

**BODY - BONNET**

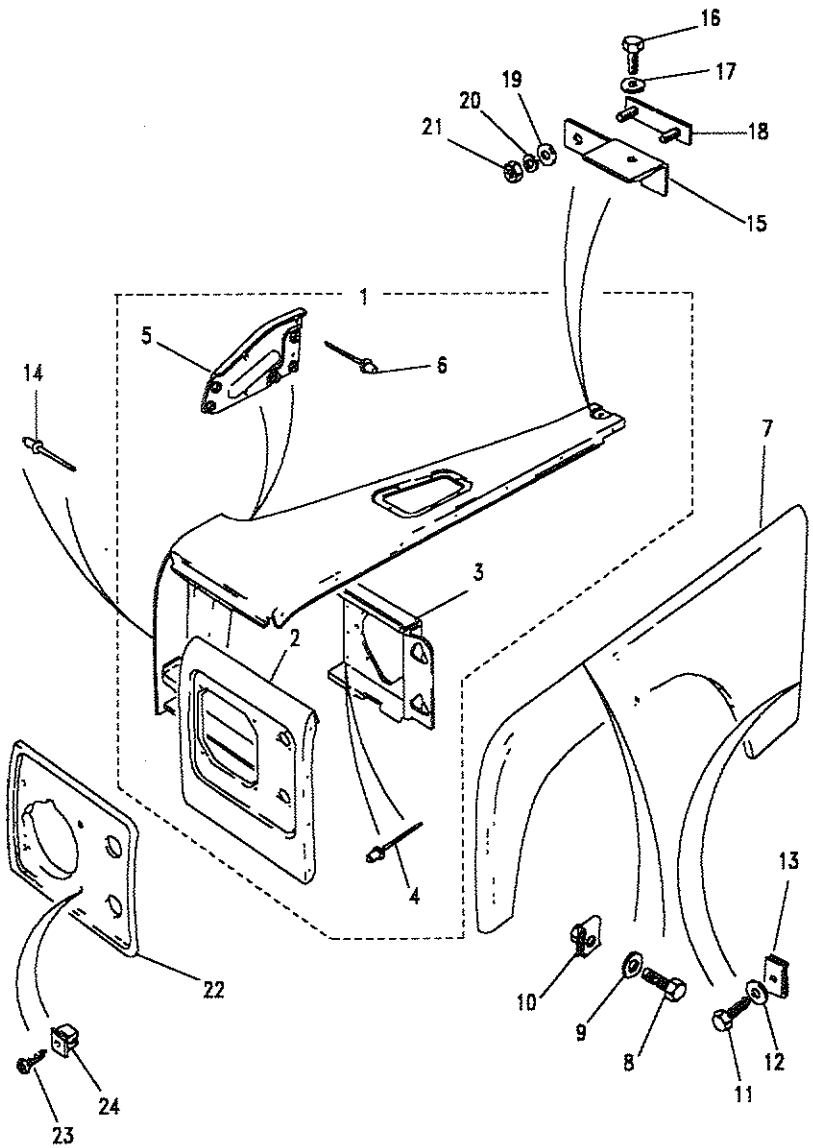
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Cable operated bonnet lock** | | | | |
| 1 | RTC6213 | Bonnet | 1 | |
| 2 | MRC9244 | Hinge | 2 | |
| 3 | SF106161 | Screw | 6 | |
| 4 | WB106041 | Washer plain | 6 | |
| 5 | WL106001L | Washer spring | 6 | |
| 6 | NH106041L | Nut | 6 | |
| 7 | 346849 | Bush | 2 | |
| 8 | 391287 | Buffer rubber | 4 | |
| 9 | SE108404L | Screw | 4 | |
| 10 | NH108044 | Nut | 4 | |
| 11 | NN108021 | Nutsert | 4 | |
| 12 | MWC9361 | Striker bonnet | 1 | |
| 13 | MUC6457 | Hook safety | 1 | |
| 14 | SE106161L | Screw | 3 | |
| 15 | WF106001L | Washer shakeproof | 3 | |
| 16 | NN106021 | Nutsert | 3 | |




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**Page** ADNXDE3A

## BODY - BONNET PROP

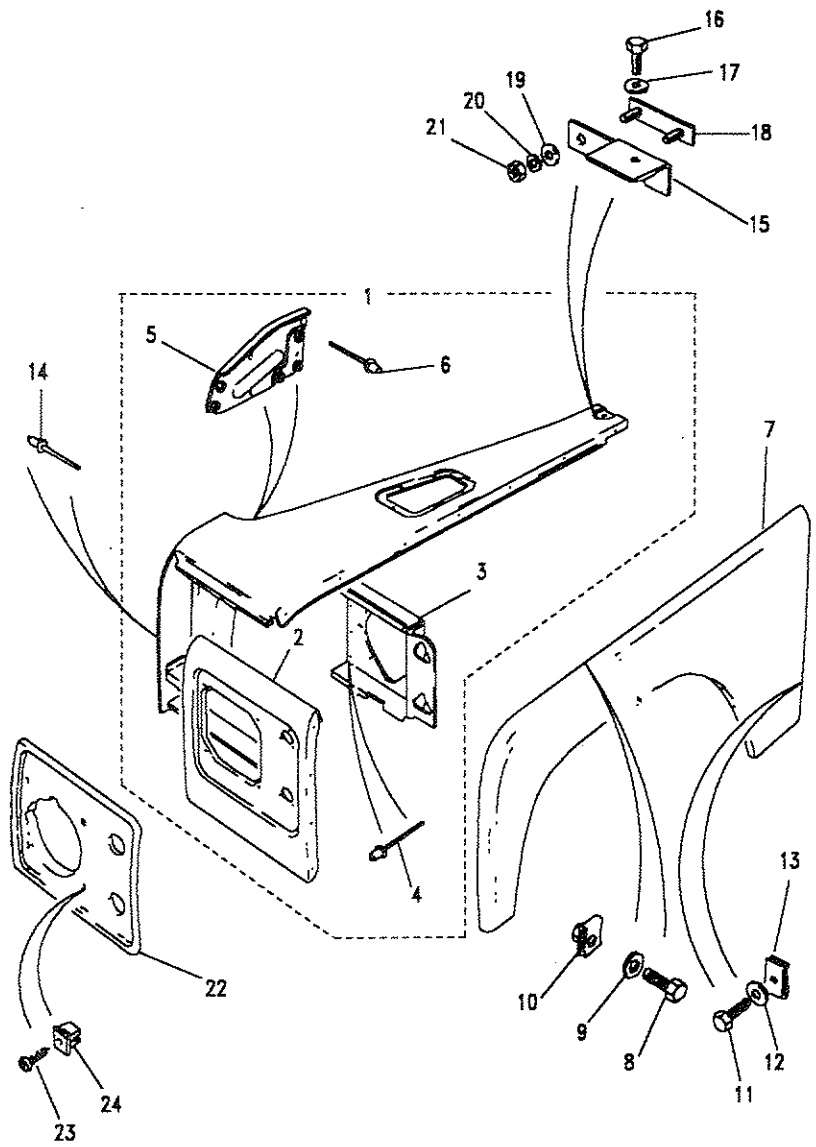
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Scissor prop - Not suitable for bonnet mounted spare wheel** | | | | |
| 1 | MUC4208 | Prop bonnet | 1 | |
| 2 | 336535 | Pin pivot | 1 | |
| 3 | DU3430 | Clip retaining | 1 | |
| 4 | WS108001L | Washer spring | 1 | |
| 5 | AFU1104 | Washer plain | 1 | |
| 6 | PS104127 | Pin split | 1 | |
| **Solid prop - Suitable for bonnet mounted spare wheel** | | | | |
| 7 | MTC2220 | Prop bonnet | 1 | Up to LA939975 |
| | ALR6225 | Prop bonnet | 1 | From MA939976 |
| 8 | WS600061 | Washer spring | 1 | |
| 9 | WA110061L | Washer plain | 1 | |
| 10 | PS106161 | Pin split | 1 | |
| 11 | MRC7623 | Clip prop stowage | 1 | |
| 12 | SP104101 | Screw | 1 | |
| 13 | WL104001L | Washer spring | 1 | |
| 14 | NH104041L | Nut | 1 | |




**Model** DEFENDER 90
**Page** ADNXEA1A

## BODY - FRONT WINGS

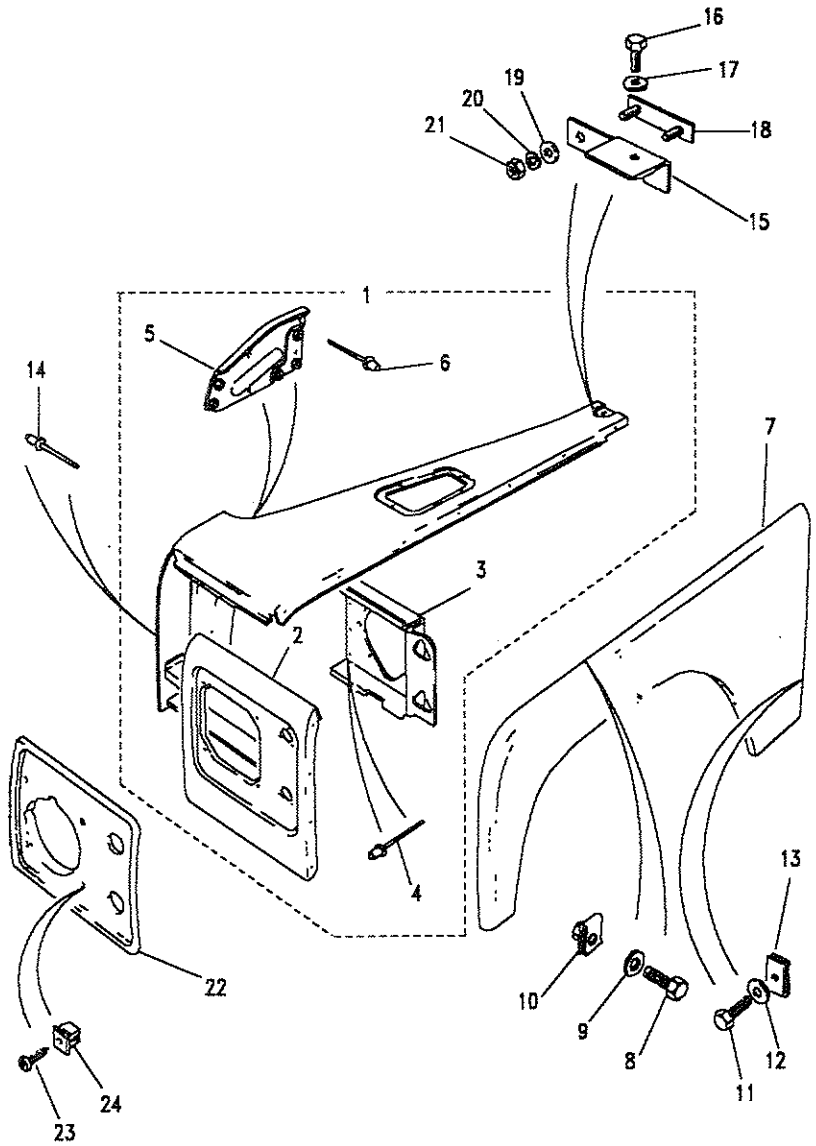
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MXC9343 | Wing front RH | 1 | Up to LA939975 |
| | ALR6842 | Wing front RH | 1 | From MA939976 |
| | MXC9400 | Wing front LH | 1 | Up to LA939975 |
| | ALR6843 | Wing front LH | 1 | From MA939976 |
| **Air Con Only** | | | | |
| | MXC9402 | Wing front LH | 1 | Up to LA939975 |
| | ALR6840 | Wing front LH | 1 | From MA939976 |
| **90SV Only** | | | | |
| | STC914 | Wing front RH | 1 | 90SV |
| | STC915 | Wing front LH | 1 | 90SV |
| **All variants** | | | | |
| 2 | RTC6353 | Panel nose RH | 1 | )Up to |
| | RTC6354 | Panel nose LH | 1 | )LA939975 |
| | ALR5990 | Panel nose RH | 1 | )From |
| | ALR5989 | Panel nose LH | 1 | )MA939976 |
| | MXC2932 | Screw | 6 | |
| | 3900L | Washer plain | 6 | |
| | 302532 | Nut spire | 6 | |




**Model** DEFENDER 90
**Page** ADNXEA1A

## BODY - FRONT WINGS

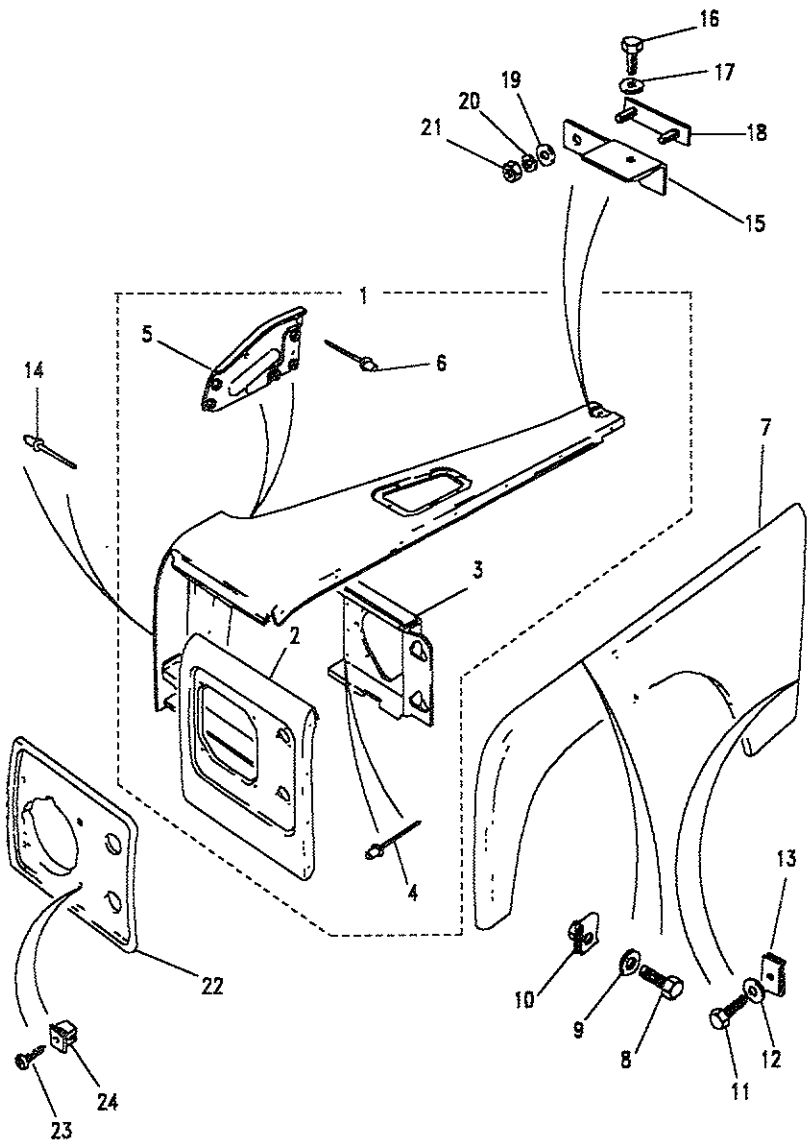
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 3 | MTC2062 | Panel mounting RH | 1 | |
| | MTC2063 | Panel mounting LH | 1 | |
| 4 | 78248 | Rivet | 8 | |
| 5 | MRC6051 | Tie plate RH | 1 | |
| | MRC6052 | Tie plate LH | 1 | |
| 6 | 78248 | Rivet | 8 | |
| **V8 & 4 Cyl only** | | | | |
| 7 | RTC6351 | Panel outer RH | 1 | )Up to |
| | RTC6350 | Panel outer LH | 1 | )LA939975 |
| | ALR6678 | Panel outer RH | 1 | )From |
| | ALR6121 | Panel outer LH | 1 | )MA939976 |
| **Naturally Aspirated Diesel only** | | | | |
| 7 | RTC6351 | Panel outer RH | 1 | )Up to |
| | RTC6352 | Panel outer LH | 1 | )LA939975 |
| | ALR6678 | Panel outer RH | 1 | )From |
| | ALR6121 | Panel outer LH | 1 | )MA939976 |
| **200/300 TDI only** | | | | |
| 7 | RTC6351 | Panel outer RH | 1 | )Up to |
| | RTC6350 | Panel outer LH | 1 | )LA939975 |
| | ALR6121 | Panel outer LH | 1 | )From |
| | ALR6122 | Panel outer RH | 1 | )MA939976 |
| **90 SV only** | | | | |
| | ALR5928 | Panel outer RH | 1 | |
| | ALR5927 | Panel outer LH | 1 | |




**Model** DEFENDER 90
**Page** ADNXEA1A

## BODY - FRONT WINGS

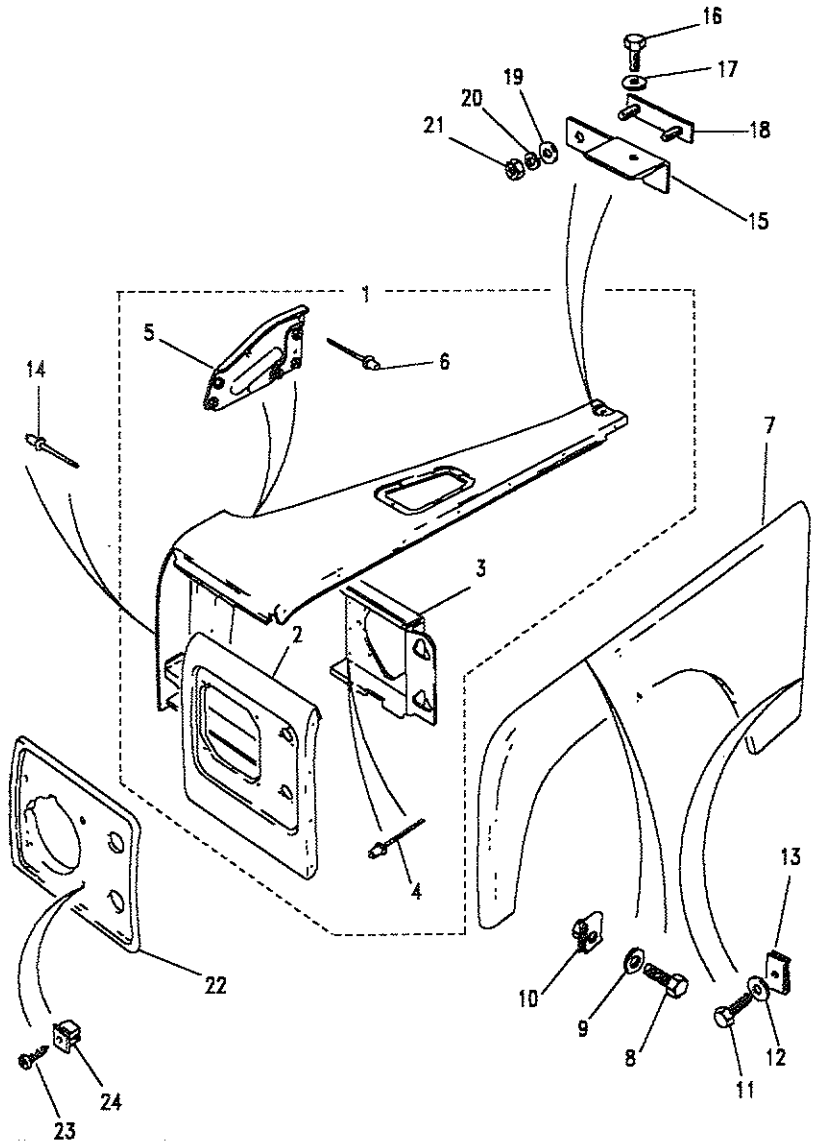
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **All variants** | | | | |
| 8 | MXC2932 | Screw | 22 | |
| 9 | 3900L | Washer plain | 22 | |
| 10 | 302532 | Nut spire | 20 | |
| | AH614011L | Nut spring | 2 | |
| | MUC9339 | Washer fibre | 4 | Diesel only |
| 11 | AM605061 | Bolt | 8 | |
| 12 | WC108051L | Washer plain | 8 | |
| 13 | AK616011 | Nut spire | 8 | |
| 14 | RU612373L | Rivet | 8 | |
| 15 | MTC2136 | Bracket fixing RH | 1 | ) |
| | MRC8926 | Bracket fixing LH | 1 | ) |
| 16 | SH106167L | Screw | 2 | ) |
| 17 | AAU9036 | Washer plain | 2 | )Upto 320821 |
| 18 | MTC2704 | Studplate | 2 | ) |
| 19 | RTC609 | Washer plain | 4 | ) |
| 20 | WM106001 | Washer spring | 4 | ) |
| 21 | NH106041L | Nut | 4 | ) |
| | FS106201L | Flange screw | 2 | ) |
| | WL106001L | Washer spring | 2 | )From 320822 |
| | WM106001L | Washer spring | 2 | ) |
| | NN106021 | Nut anchor | 2 | ) |




**Model** DEFENDER 90
**Page** ADNXEA1A

## BODY - FRONT WINGS

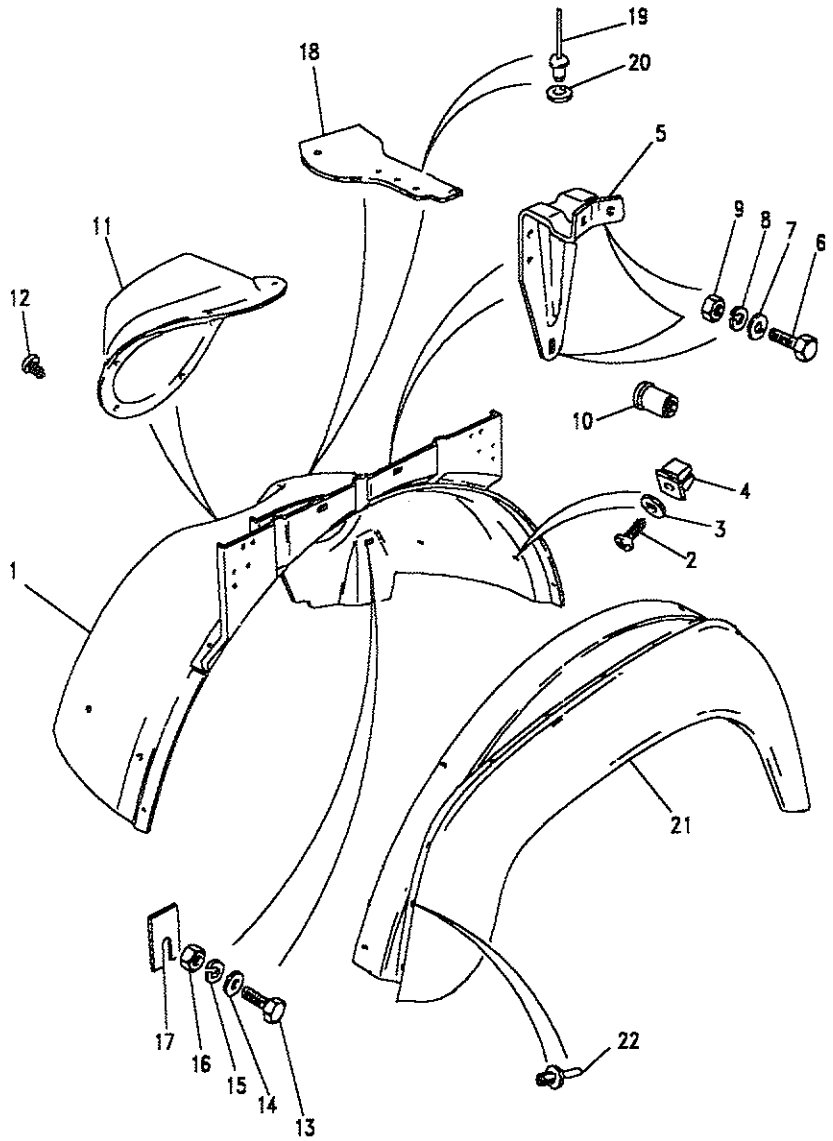
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 22 | BTR7850PUC | Finisher RH | 1 | Black |
| | BTR7849PUC | Finisher LH | 1 | Black |
| | MWC8464CUF | Finisher RH | 1 | Arrow red |
| | MWC8465CUF | Finisher LH | 1 | Arrow red |
| | MWC8464HCC | Finisher RH | 1 | Bronze green |
| | MWC8465HCC | Finisher LH | 1 | Bronze green |
| | MWC8464HCN | Finisher RH | 1 | Trident green |
| | MWC8465HCN | Finisher LH | 1 | Trident green |
| | MWC8464JUG | Finisher RH | 1 | Shire blue |
| | MWC8465JUG | Finisher LH | 1 | Shire blue |
| | MWC8464LCN | Finisher RH | 1 | Slate grey |
| | MWC8465LCN | Finisher LH | 1 | Slate grey |
| | MWC8464NCM | Finisher RH | 1 | Ivory |
| | MWC8465NCM | Finisher LH | 1 | Ivory |
| | MWC8464HUJ | Finisher RH | 1 | Eastnor green |
| | MWC8465HUJ | Finisher LH | 1 | Eastnor green |
| | MWC8464SUB | Finisher RH | 1 | Arran beige |
| | MWC8465SUB | Finisher LH | 1 | Arran beige |
| | MWC8464JUH | Finisher RH | 1 | Pacific blue |
| | MWC8465JUH | Finisher LH | 1 | Pacific blue |
| | MWC8464NUC | Finisher RH | 1 | White |
| | MWC8465NUC | Finisher LH | 1 | White |
| | MWC8464LUS | Finisher RH | 1 | Grey |
| | MWC8465LUS | Finisher LH | 1 | Grey |




**Model** DEFENDER 90
**Page** ADNXEA1A

## BODY - FRONT WINGS

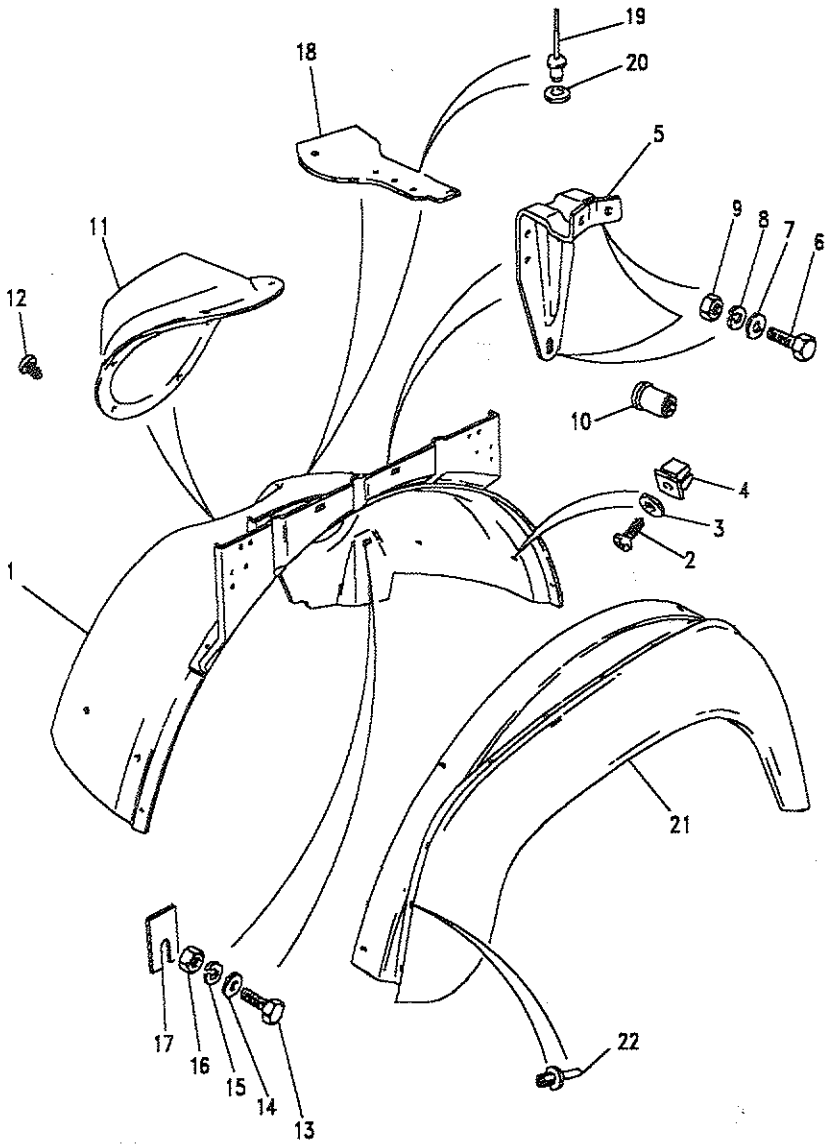
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 23 | AB608044L | Screw | 12 | )Up to |
| | AW606084 | Screw | 4 | )EA314174 |
| | AB608044L | Screw (black finisher) | 4 | )From |
| | MWC8567 | Screw (Coloured finisher) | 4 | )FA314175 |
| | MXC1684 | Washer plain stainless | 4 | From EA350876 |
| 24 | 79051 | Nut expansion | 12 | Upto EA314174 |
| | 79051 | Nut expansion | 4 | From FA314175 |
| **Air Con** | | | | |
| | MUC3590 | Wing support | 1 | RHD |
| | MUC3601 | Cleat wing support | 1 | RHD |




**Model** DEFENDER 90
**Page** ADNXEC1A

## BODY - FRONT WINGS - WHEELARCH AND EYEBROW

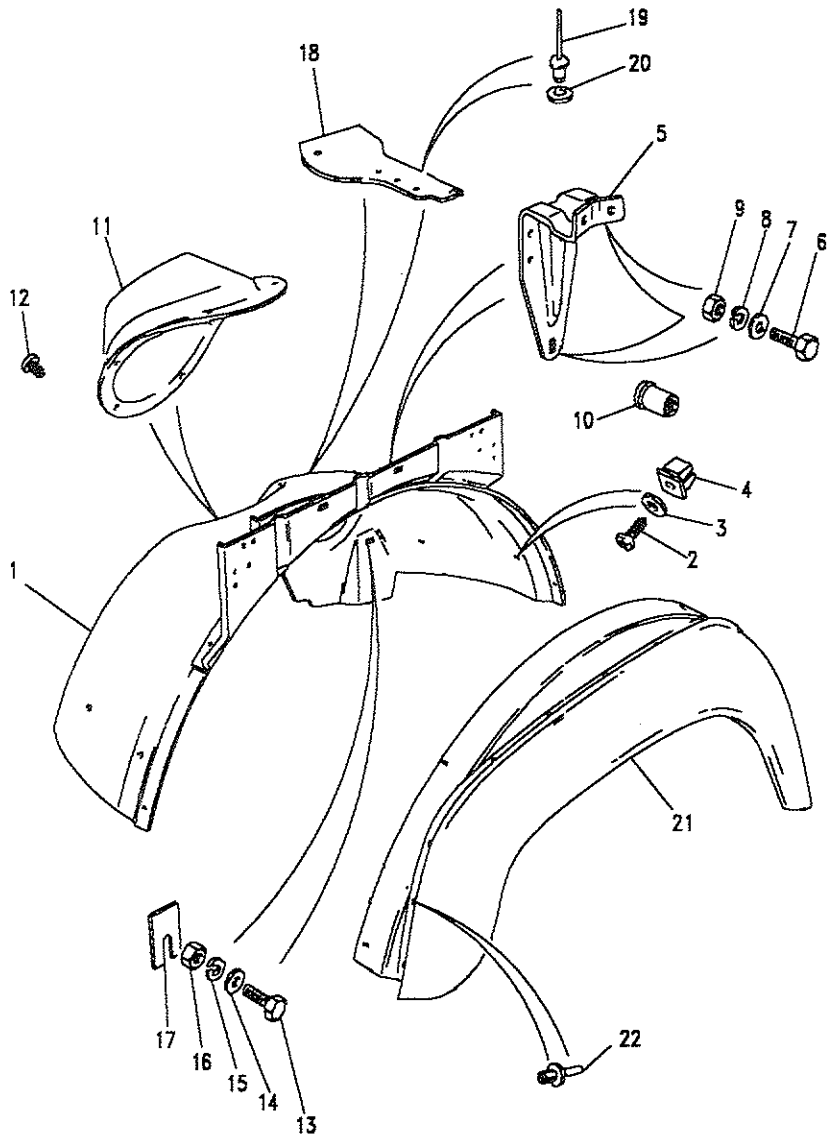
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Non Air Conditioning** | | | | |
| 1 | ALR2261 | Wheelarch RH | 1 | |
| | ALR2414 | Wheelarch RH | 1 | 200Tdi |
| | ALR4057 | Wheelarch RH | 1 | 300Tdi |
| | ALR2262 | Wheelarch LH | 1 | Up to LA939975 |
| | ALR3970 | Wheelarch LH | 1 | From MA939976 |
| | ALR2265 | Wheelarch LH | 1 | Diesel Turbo |
| | ALR2265 | Wheelarch LH | 1 | 200Tdi |
| **Air Conditioning - LHS** | | | | |
| 1 | MXC4630 | Wheelarch RH | 1 | |
| | ALR2415 | Wheelarch RH | 1 | 200Tdi |
| | ALR2262 | Wheelarch LH | 1 | Up to LA939975 |
| | ALR3970 | Wheelarch LH | 1 | From MA939976 |
| | ALR2265 | Wheelarch LH | 1 | Diesel Turbo |
| | ALR2265 | Wheelarch LH | 1 | 200Tdi |
| **Air Conditioning - RHS** | | | | |
| 1 | ALR2261 | Wheelarch RH | 1 | |
| | ALR2414 | Wheelarch RH | 1 | 200Tdi |
| | ALR4057 | Wheelarch RH | 1 | 300Tdi |
| | MXC4631 | Wheelarch LH | 1 | Up to HA906454 |
| | ALR2264 | Wheelarch LH | 1 | From HA906455 |




**Model** DEFENDER 90
**Page** ADNXEC1A

## BODY - FRONT WINGS - WHEELARCH AND EYEBROW

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 2 | AB614061L | Screw | 8 | |
| 3 | AFU1069 | Washer plain | 8 | |
| 4 | RTC3744 | Nut lokut | 8 | |
| 5 | MRC9735 | Stay RH | 1 | RHD |
| | MRC9734 | Stay LH | 1 | LHD |
| 6 | FS106167L | Screw | 4 | |
| 7 | WA106041L | Washer plain | 4 | |
| 8 | WL106001L | Washer spring | 4 | |
| 9 | NH106041L | Nut | 2 | |
| 10 | NN106021 | Nut anchor | 2 | |
| 11 | MRC9520 | Cover suspension | 2 | |
| | AAU3686 | Cable tie | 1 | From HA906232 |
| 12 | AR608021L | Screw | 12 | Upto 344387 |
| | AR608021L | Screw | 11 | From 344388 |
| | AR608031L | Screw | 1 | From 344388 |
| 13 | FS108251L | Screw | 8 | |
| | SH108501L | Screw | 4 | |
| 14 | AFU1079 | Washer plain | 8 | |
| 15 | WM600051L | Washer spring | 12 | |
| 16 | FB108041 | Nut | 12 | |
| 17 | MRC4037 | Shim | 24 | |
| 18 | MUC9704 | Closer inner wing | 2 | Diesel Turbo |
| 19 | 78248 | Rivet | 6 | Diesel Turbo |
| 20 | WA105001L | Washer plain | 6 | Diesel Turbo |

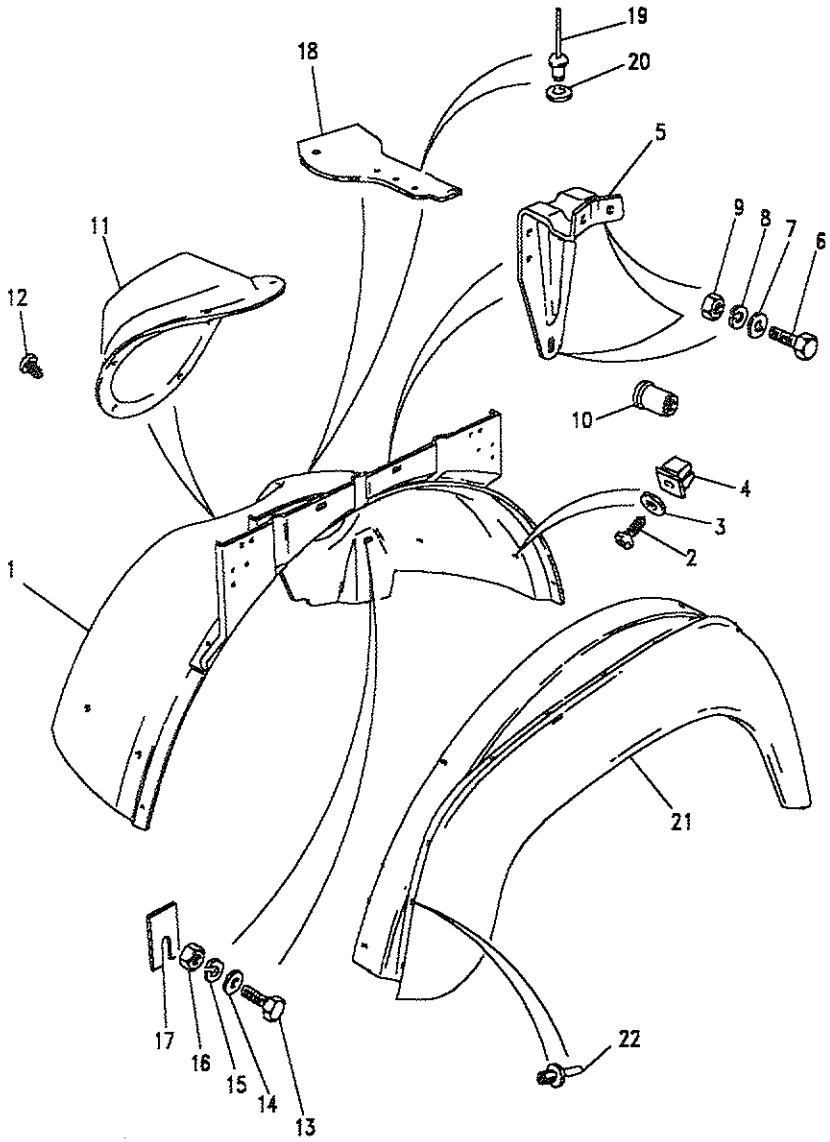



**Model** DEFENDER 90
**Page** ADNXEC1A

**BODY - FRONT WINGS - WHEELARCH AND EYEBROW**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Eyebrow moulding front wing** | | | | |
| 21 | MRC9378 | Eyebrow RH | 1 | )Black |
| | MRC9377 | Moulding | 1 | )Gloss |
| | RRC3043 | Eyebrow RH | 1 | )Black |
| | RRC3044 | Eyebrow LH | 1 | )Matt |
| | MTC6874AA | Eyebrow RH | 1 | Arizona tan |
| | MTC6875AA | Eyebrow LH | 1 | Arizona tan |
| | MTC6874AV | Eyebrow RH | 1 | Roan brown |
| | MTC6875AV | Eyebrow LH | 1 | Roan brown |
| | MTC6874CC | Eyebrow RH | 1 | Masai red |
| | MTC6875CC | Eyebrow LH | 1 | Masai red |
| | MTC6874CL | Eyebrow RH | 1 | Venetian red |
| | MTC6875CL | Eyebrow LH | 1 | Venetian red |
| | MTC6874HC | Eyebrow RH | 1 | Bronze green |
| | MTC6875HC | Eyebrow LH | 1 | Bronze green |
| | MTC6874HN | Eyebrow RH | 1 | Trident green |
| | MTC6875HN | Eyebrow LH | 1 | Trident green |
| | MTC6874JC | Eyebrow RH | 1 | Marine blue |
| | MTC6875JC | Eyebrow LH | 1 | Marine blue |
| | MTC6874JP | Eyebrow RH | 1 | Stratos blue |
| | MTC6875JP | Eyebrow LH | 1 | Stratos blue |
| | MTC6874LN | Eyebrow RH | 1 | Slate grey |
| | MTC6875LN | Eyebrow LH | 1 | Slate grey |
| | MTC6874NM | Eyebrow RH | 1 | Ivory |
| | MTC6875NM | Eyebrow LH | 1 | Ivory |
| | MTC6874CUF | Eyebrow RH | 1 | Arrow red |
| | MTC6875CUF | Eyebrow LH | 1 | Arrow red |

Note(1) Rear eyebrows refer to page 893 - 894

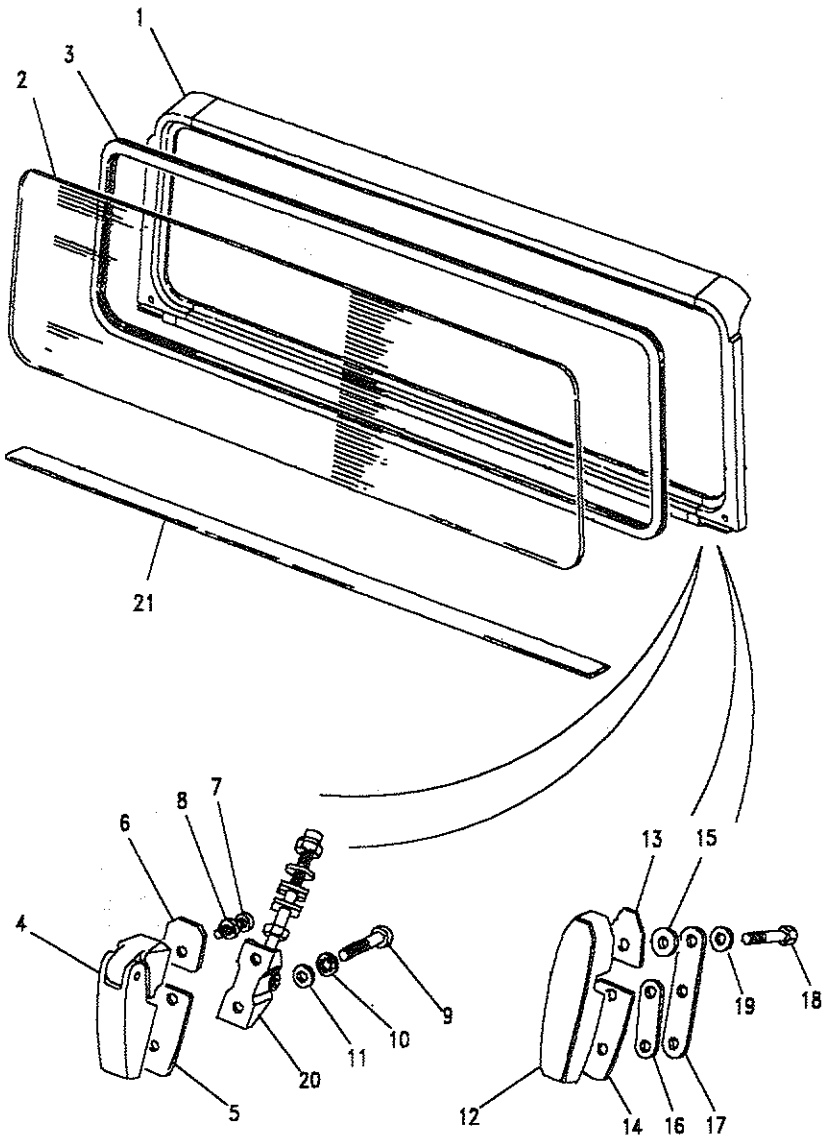



**Model** DEFENDER 90
**Page** ADNXEC1A

## BODY - FRONT WINGS - WHEELARCH AND EYEBROW

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 21 | MTC6874JUG | Eyebrow RH | 1 | Shire blue |
| | MTC6875JUG | Eyebrow LH | 1 | Shire blue |
| | MTC6874HUJ | Eyebrow RH | 1 | Eastnor green |
| | MTC6875HUJ | Eyebrow LH | 1 | Eastnor green |
| | MTC6874SUB | Eyebrow RH | 1 | Arran beige |
| | MTC6875SUB | Eyebrow LH | 1 | Arran beige |
| | MTC6874JUH | Eyebrow RH | 1 | Pacific blue |
| | MTC6875JUH | Eyebrow LH | 1 | Pacific blue |
| | MTC6874NUC | Eyebrow RH | 1 | White |
| | MTC6875NUC | Eyebrow LH | 1 | White |
| | MTC6874LUS | Eyebrow RH | 1 | Grey |
| | MTC6875LUS | Eyebrow LH | 1 | Grey |
| | MTC6874CUH | Eyebrow RH | 1 | County red |
| | MTC6875CUH | Eyebrow LH | 1 | County red |
| | MTC6874HUL | Eyebrow RH | 1 | County green |
| | MTC6875HUL | Eyebrow LH | 1 | County green |
| | MTC6874PUE | Eyebrow RH | 1 | County black |
| | MTC6875PUE | Eyebrow LH | 1 | County black |
| | MTC6874CUY | Eyebrow RH | 1 | Montpelier red |
| | MTC6875CUY | Eyebrow LH | 1 | Montpelier red |
| | MTC6874HYE | Eyebrow RH | 1 | Coniston green |
| | MTC6875HYE | Eyebrow LH | 1 | Coniston green |
| 22 | AFU1075 | Rivet plastic | 32 | |

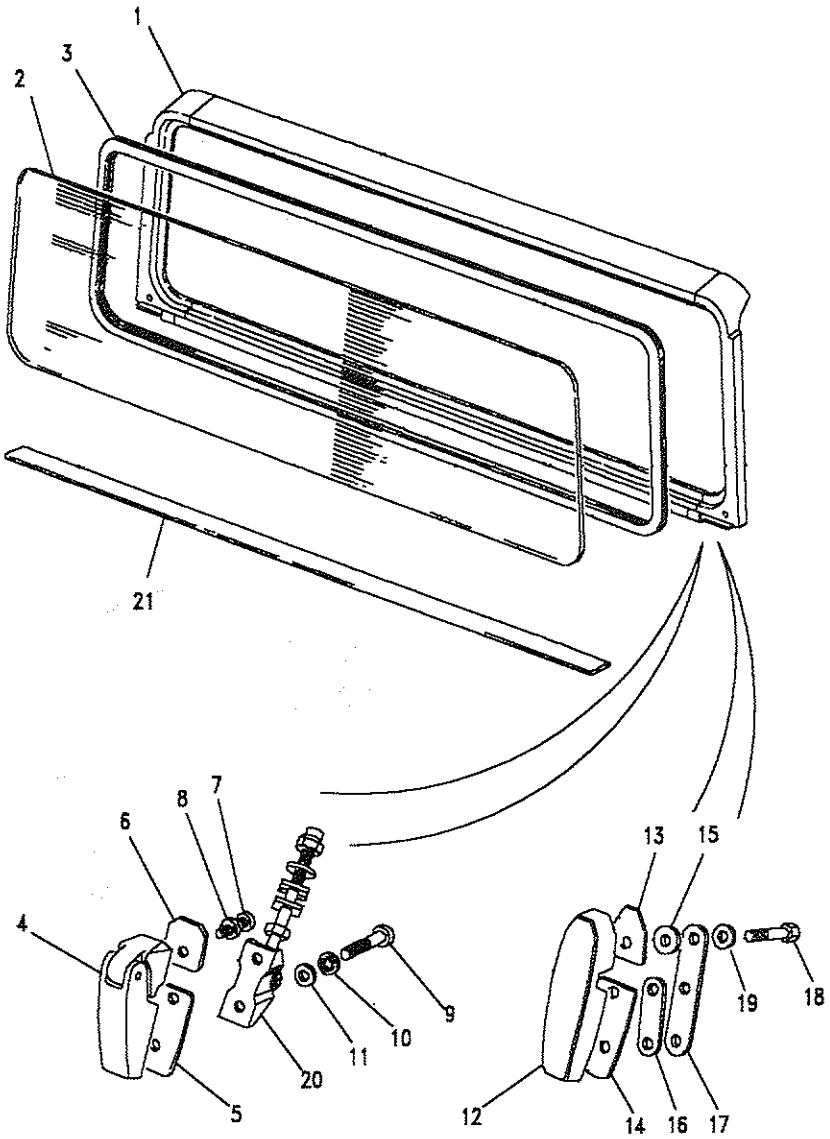
Note(1) Rear eyebrows refer to page 893 - 894




**Model** DEFENDER 90
**Page** ADNXFA1A

**BODY - WINDSCREEN**

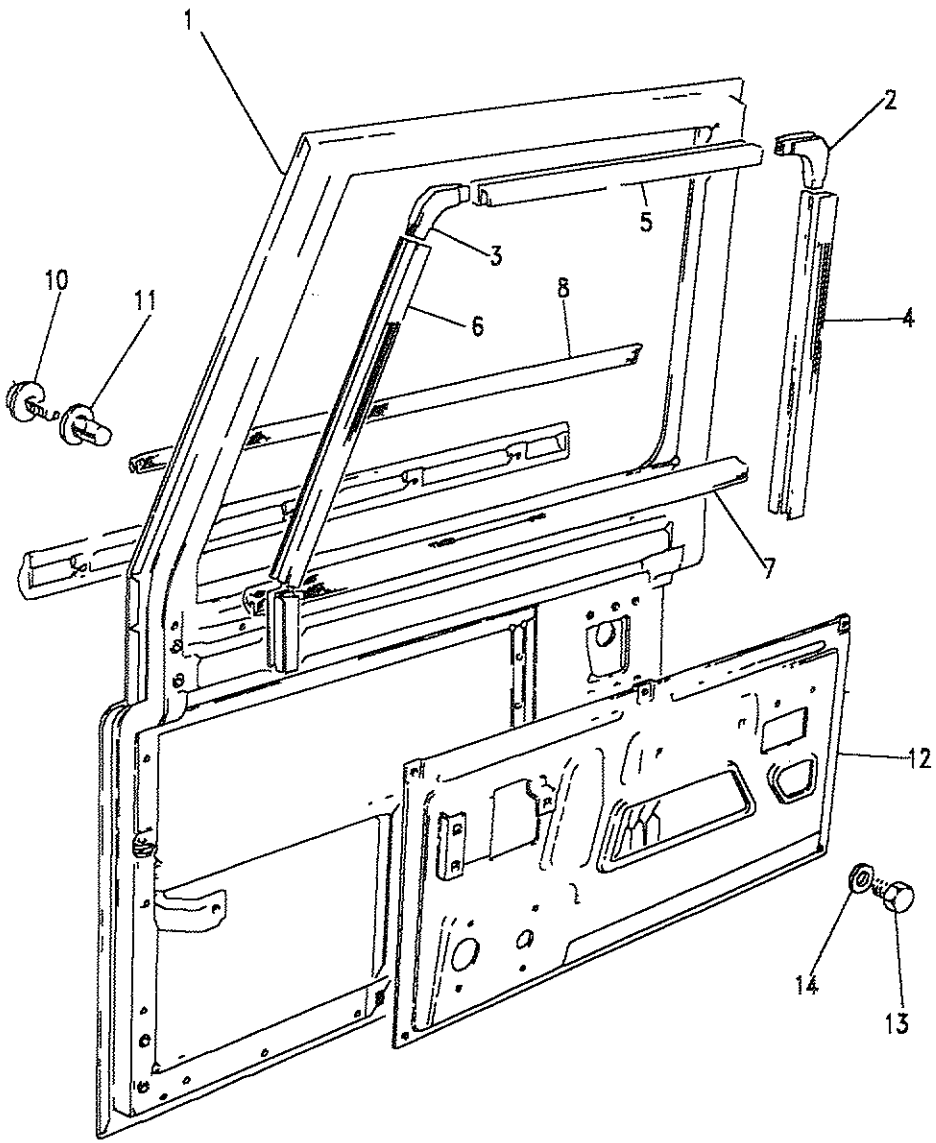
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC2594 | Frame windscreen | 1 | |
| | ALR5705 | Frame windscreen | 1 | 90SV |
| 2 | MTC3452 | Glass laminated tint | 1 | |
| | MTC2864 | Glass laminated clear | 1 | |
| | MTC2863 | Glass toughened clear | 1 | |
| 3 | MUC3733 | Glazing rubber | 1 | |
| **Upto JA912345** | | | | |
| 4 | MXC7847 | Hinge LH | 1 | |
| | MXC7846 | Hinge RH | 1 | |
| 5 | MXC9982 | Gasket | 2 | |
| 6 | MUC7904 | Gasket | 2 | Upto 466894 |
| | MXC9983 | Gasket | 2 | From HA466895 |
| 7 | SE110401 | Screw | 2 | |
| 8 | MUC3906 | Washer nylon | 2 | |
| 9 | SS108404 | Screw | 4 | |
| 10 | WF108004L | Washer shakeproof | 4 | |
| 11 | WA108054L | Washer plain | 4 | |




**Model** DEFENDER 90
**Page** ADNXFA1A

**BODY - WINDSCREEN**

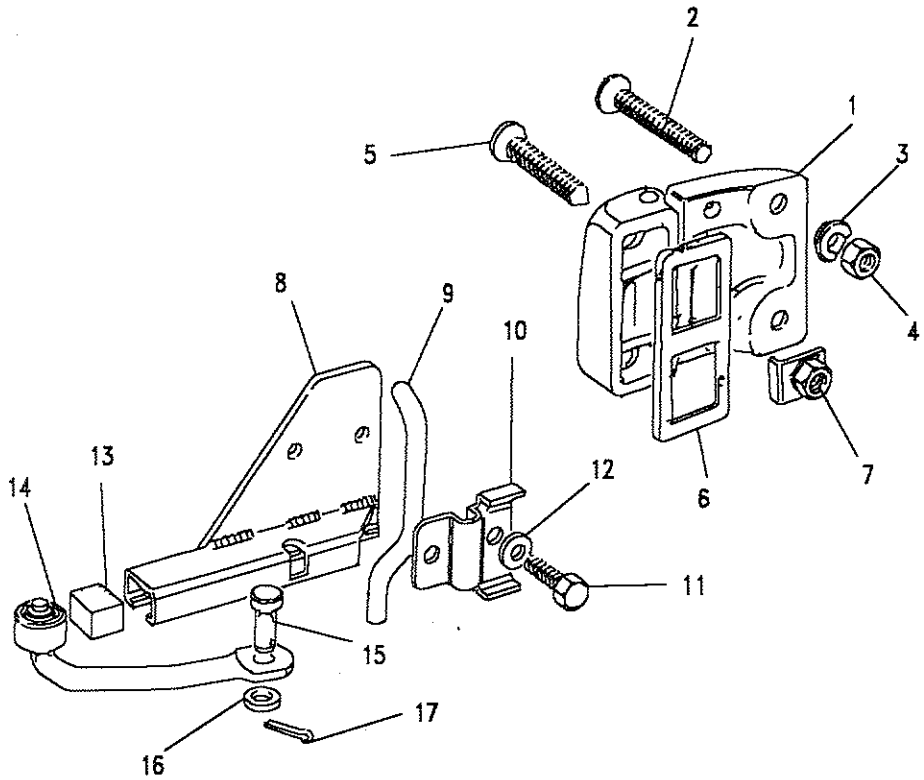
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From JA912346** | | | | |
| 12 | MUC7911 | Bracket windscreen RH | 1 | |
| | MUC7912 | Bracket windscreen LH | 1 | |
| 13 | MXC9982 | Gasket lower | 2 | |
| 14 | MXC9983 | Gasket upper | 2 | |
| 15 | MUC7907 | Washer packing | 2 | |
| 16 | MUC4289 | Packing piece | 2 | |
| 17 | MUC4290 | Strap | 2 | |
| 18 | FB108101 | Bolt | 6 | |
| 19 | WA108051L | Washer plain | 6 | |
| 20 | RTC6159 | Clamp | 2 | |
| 21 | ALR1737 | Seal | 1 | Upto KA925389 |
| | ALR5058 | Seal windscreen | 1 | From KA925390 |




**Model** DEFENDER 90
**Page** ADNXGA1A

**BODY - FRONT DOOR CLINCHED ASSEMBLY UPTO 1987MY**

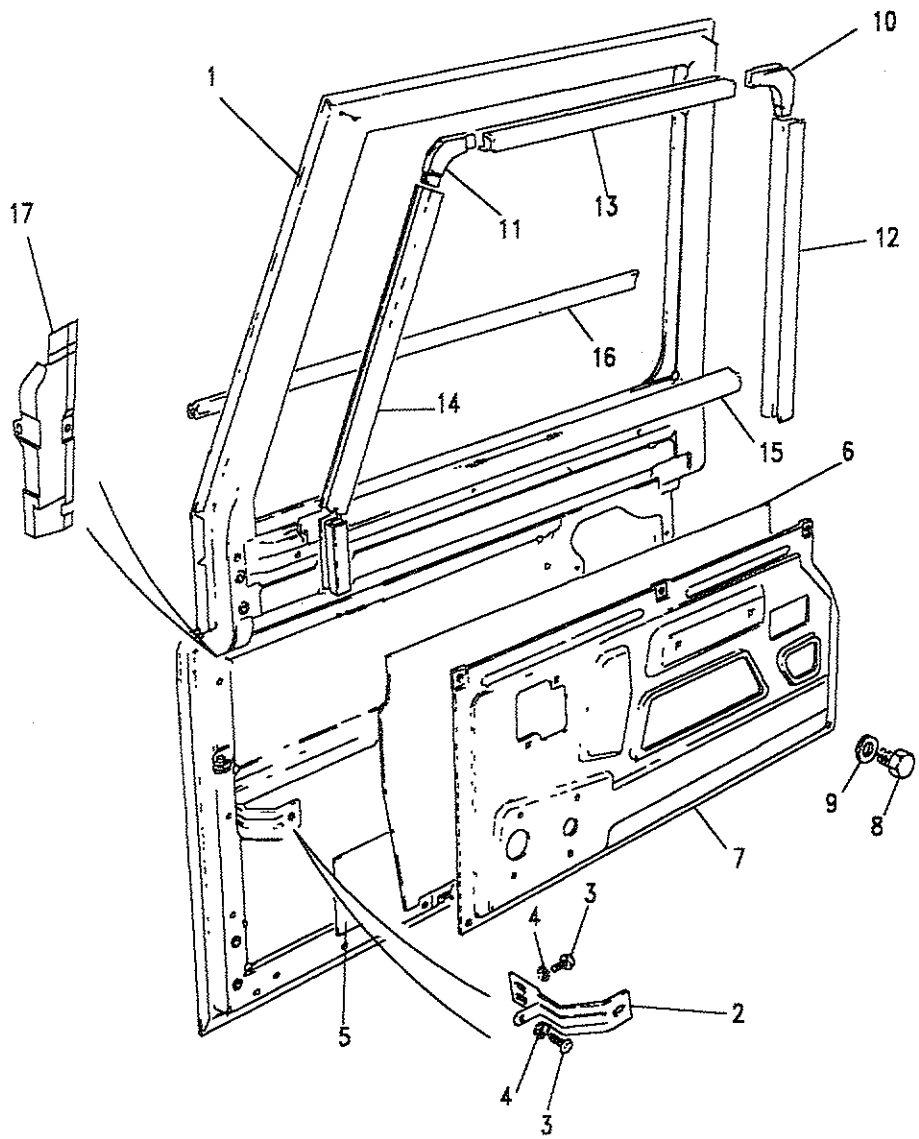
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto AA270227, AA270484, AA271214** | | | | |
| 1 | STC542 | Door RH | 1 | |
| | STC543 | Door LH | 1 | |
| | STC569 | Panel door RH | 1 | |
| | STC570 | Panel door LH | 1 | |
| 2 | 201235 | Filler rear corner | 2 | |
| 3 | 201647 | Filler front corner | 2 | |
| 4 | MUC1651 | Filler vertical | 2 | |
| 5 | MUC1652 | Filler top | 2 | |
| 6 | MUC1730 | Filler sloping RH | 1 | |
| | MUC1731 | Filler sloping LH | 1 | |
| 7 | MTC8473 | Seal waist inner | 2 | |
| 8 | ALR5980 | Seal waist outer | 2 | |
| 9 | MUC3928 | Capping waist RH | 1 | |
| | MUC3929 | Capping waist LH | 1 | |
| 10 | MUC3186 | Clip retaining | 10 | |
| 11 | AJU1136L | Snapsac | 10 | |
| 12 | MUC2074 | Panel inner RH | 1 | |
| | MUC2075 | Panel inner LH | 1 | |
| 13 | SH106101L | Screw | 10 | |
| 14 | WA106041L | Washer plain | 10 | |
| | MWC3293 | Curtain water | 2 | |
| | MTC5463 | Pad sound deadening | 2 | |
| | 307220 | Plug rubber | 4 | Door bottom |
| | MUC3848 | Plug | 2 | Door lock pocket |




**Model** DEFENDER 90
**Page** ADNXGA2A

## BODY - FRONT DOOR CLINCHED ASSEMBLY UPTO 1987MY

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto AA270227, AA270484, AA271214** | | | | |
| 1 | MXC8284 | Hinge door upper RH | 1 | |
| | MXC8285 | Hinge door upper LH | 1 | |
| | MXC8282 | Hinge door lower RH | 1 | |
| | MXC8283 | Hinge door lower LH | 1 | |
| **Fixings - Hinge to door** | | | | |
| 2 | MRC2762 | Screw | 8 | |
| | MWC1899 | Screw | 8 | )Alternative |
| | MWC1898 | Packing piece | 4 | )Fixings |
| 3 | MRC1980 | Washer nylon | 8 | |
| 4 | NH605041L | Nut | 8 | |
| **Fixings - Hinge to body** | | | | |
| 5 | 79221 | Screw | 8 | |
| 6 | 347369 | Washer seating | 4 | |
| 7 | MRC2178 | J nut | 8 | |
| 8 | MUC6164 | Channel checkstrap RH | 1 | |
| | MUC6163 | Channel checkstrap LH | 1 | |
| 9 | ALR2318 | Torsion bar RH | 1 | |
| | MUC6159 | Torsion bar LH | 1 | |
| 10 | MUC6157 | Bracket pivot | 2 | |
| 11 | SH106301 | Screw | 4 | |
| 12 | WA106041L | Washer plain | 4 | |
| 13 | MWC5759 | Buffer rubber | 2 | |
| 14 | MUC1888 | Checklink RH | 1 | |
| | MUC1889 | Checklink LH | 1 | |
| 15 | 306564 | Pin clevis | 2 | |
| 16 | WA108051L | Washer plain | 2 | |
| 17 | 2393 | Pin split | 2 | |

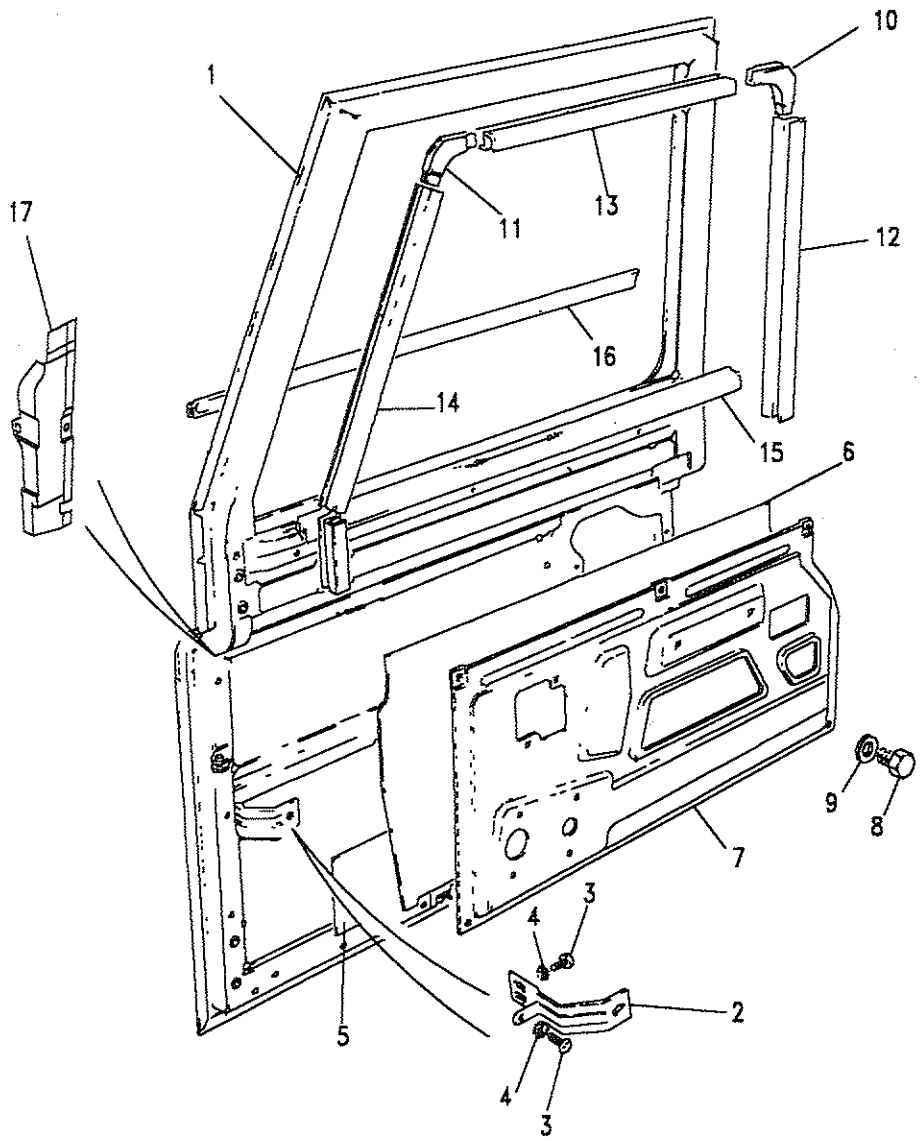



**Model** DEFENDER 90
**Page** ADNXGA3A

**BODY - FRONT DOOR CLINCHED ASSEMBLY FROM 1987MY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From AA270227, AA270484, AA271214** | | | | |
| 1 | MXC7958 | Door RH | 1 | )Up to |
| | MXC7959 | Door LH | 1 | )LA933876 |
| | ALR6256 | Door RH | 1 | )From |
| | ALR6257 | Door LH | 1 | )LA933877 |
| | ALR1800 | Bracket pivot RH | 1 | |
| | ALR1801 | Bracket pivot LH | 1 | |
| 2 | MWC8223 | Bracket support | 2 | |
| 3 | SE106161L | Screw | 4 | |
| 4 | WE106001L | Washer shakeproof | 4 | |
| 5 | MTC5463 | Pad sound deadening | 2 | |
| 6 | MWC3293 | Curtain water | 2 | |
| 7 | MWC8270 | Panel inner RH | 1 | ) |
| | MWC8271 | Panel inner LH | 1 | )Note(1) |
| | ALR4541 | Panel inner RH | 1 | ) |
| | ALR4540 | Panel inner LH | 1 | )Note(2) |
| 8 | SH106101L | Screw | 10 | |
| 9 | WA106041L | Washer plain | 10 | |
| 10 | 201235 | Filler rear corner | 2 | |
| 11 | 201647 | Filler front corner | 2 | |
| 12 | MUC1651 | Filler vertical | 2 | |

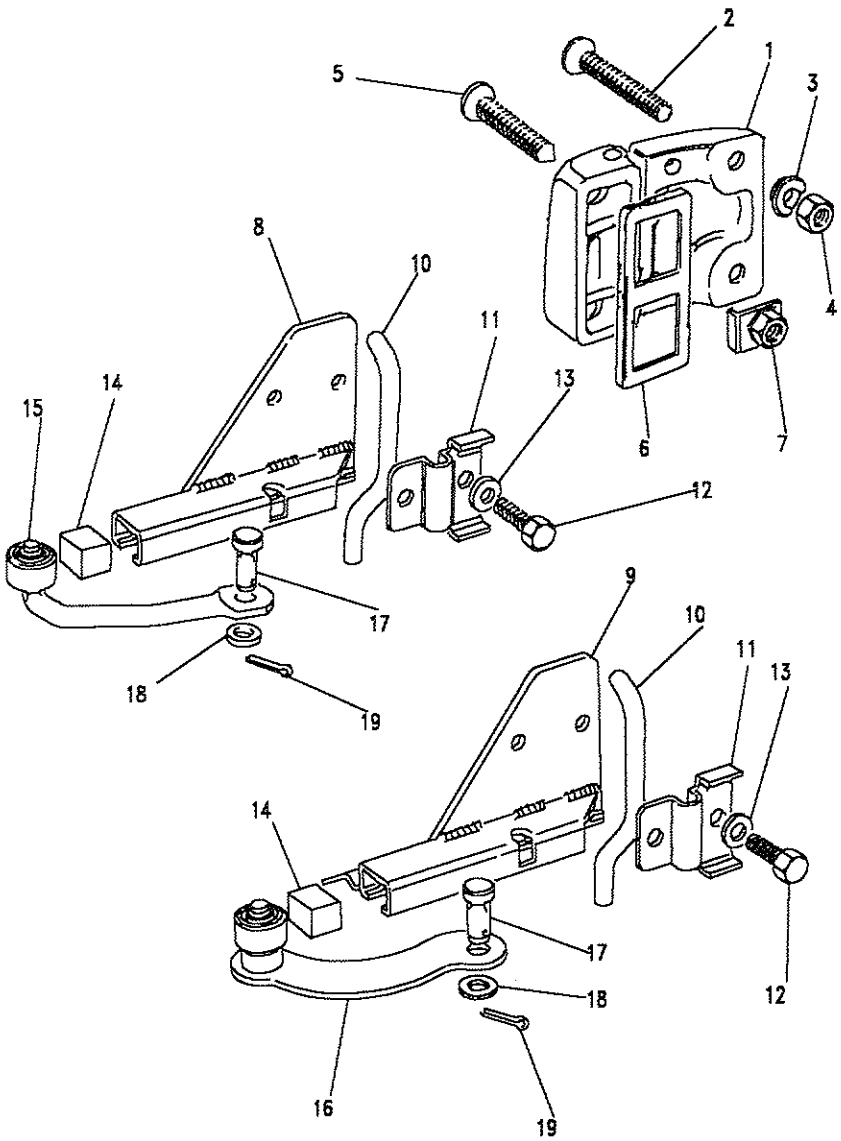
Note(1) Up to LA932528
Note(2) From LA932529




**Model** DEFENDER 90
**Page** ADNXGA3A

**BODY - FRONT DOOR CLINCHED ASSEMBLY FROM 1987MY**

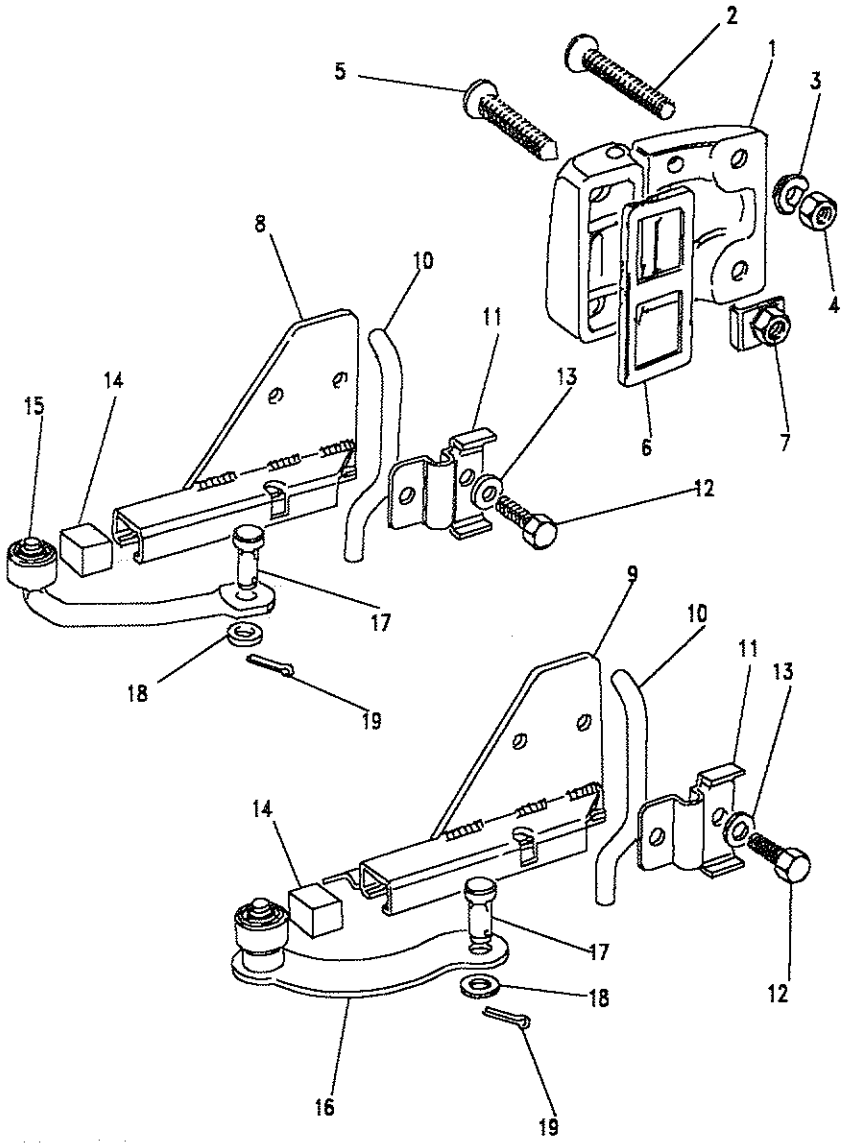
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From AA270227, AA270484, AA271214** | | | | |
| 13 | MUC1652 | Filler top | 2 | |
| 14 | MUC1730 | Filler sloping RH | 1 | |
| | MUC1731 | Filler sloping LH | 1 | |
| 15 | MTC8473 | Seal waist inner | 2 | |
| 16 | MTC8474 | Seal waist outer | 2 | Up to LA937709 |
| | ALR5980 | Seal waist outer | 2 | From LA937710 |
| 17 | MXC7570 | Deflector RH | 1 | From FA429664 |
| | MXC7571 | Deflector LH | 1 | From FA429664 |




**Model** DEFENDER 90
**Page** ADNXGA4A

**BODY - FRONT DOORS - HINGES & DOOR CHECK FROM 1987MY**

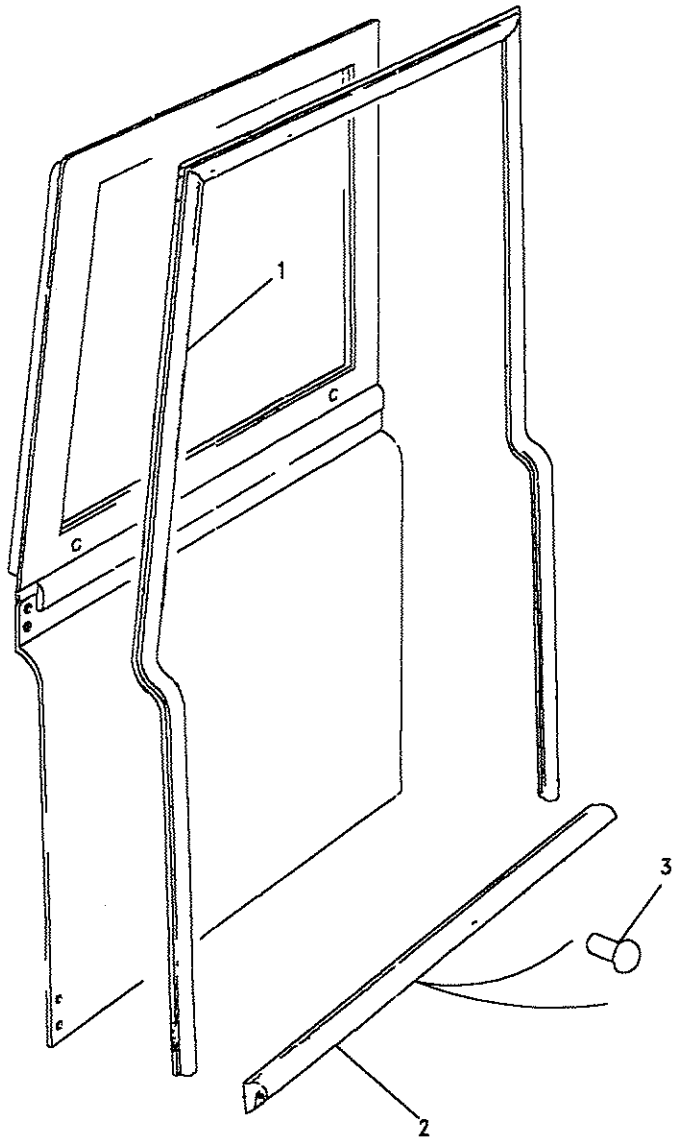
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From AA270227, AA270484, AA271214** | | | | |
| 1 | MXC8284 | Hinge door upper RH | 1 | |
| | MXC8285 | Hinge door upper LH | 1 | |
| | MXC8282 | Hinge door Lower RH | 1 | |
| | MXC8283 | Hinge door lower LH | 1 | |
| **Fixings - Hinge to door** | | | | |
| 2 | MRC2762 | Screw | 8 | |
| | MWC1899 | Screw | 8 | )Alternative |
| | MWC1898 | Packing piece | 4 | )Fixings |
| 3 | MRC1980 | Washer nylon | 8 | |
| 4 | NH605041L | Nut | 8 | |
| **Fixings Hinge to body** | | | | |
| 5 | 79221 | Screw | 8 | |
| 6 | 347369 | Washer seating | 4 | |
| 7 | MRC2178 | J nut | 8 | |
| **Two hole fixing** | | | | |
| 8 | MUC6164 | Channel checkstrap RH | 1 | )Up to |
| | MUC6163 | Channel checkstrap LH | 1 | )303555 |
| **Two hole fixing** | | | | |
| 9 | MWC5018 | Channel checkstrap RH | 1 | )From |
| | MWC5019 | Channel checkstrap LH | 1 | )303556 |
| **Two hole fixing** | | | | |
| 10 | ALR2318 | Torsion Bar RH | 1 | |
| | MUC6159 | Torsion Bar LH | 1 | Upto HA906553 |
| | ALR2319 | Torsion Bar LH | 1 | From HA906553 |




**Model** DEFENDER 90
**Page** ADNXGA4A

**BODY - FRONT DOORS - HINGES & DOOR CHECK FROM 1987MY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From AA270227, AA270484, AA271214** | | | | |
| 11 | MUC6157 | Bracket pivot | 2 | |
| 12 | SH106301 | Screw | 4 | |
| 13 | WA106041L | Washer plain | 4 | |
| 14 | MWC5759 | Buffer rubber | 2 | |
| **Rod type** | | | | |
| 15 | MUC1888 | Checklink RH | 1 | )Up to |
| | MUC1889 | Checklink LH | 1 | )303555 |
| **Plate type** | | | | |
| 16 | ALR2321 | Checklink RH | 1 | )From |
| | ALR2322 | Checklink LH | 1 | )303556 |
| 17 | 306564 | Pin clevis | 2 | Upto 303555 |
| | PC108321L | Pin clevis | 2 | From 303556 |
| 18 | WA108051L | Washer plain | 2 | |
| | 302373 | Washer rubber | 2 | |
| 19 | 2393 | Pin split | 2 | Upto 455945 |
| | NTC6195 | R clip | 2 | From HA455946 |

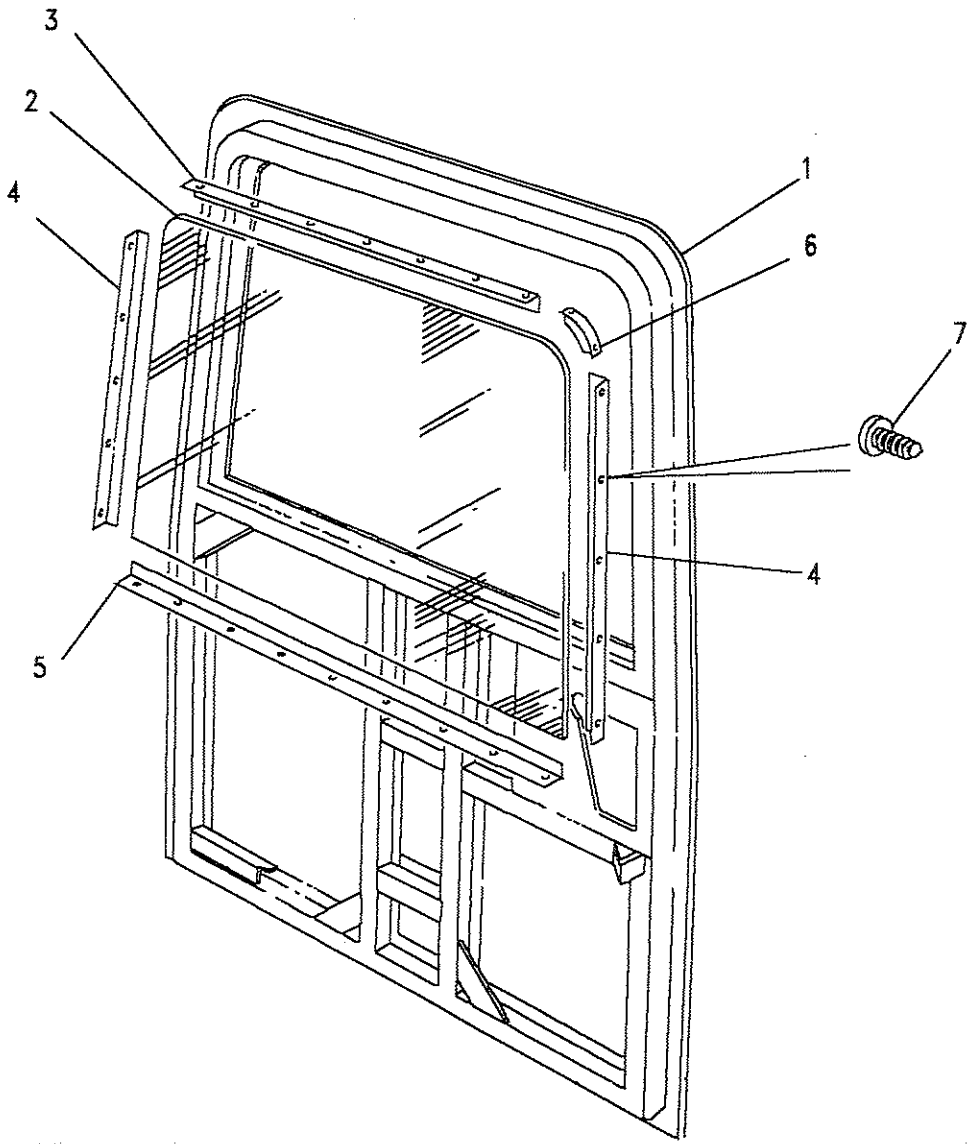



**Model** DEFENDER 90
**Page** ADNXGA5A

## BODY - FRONT DOOR - SEALS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MWC1080 | Door seal front RH | 1 | ) |
| | MWC1081 | Door seal front LH | 1 | )Note(4) |
| | ALR4936 | Seal front door RH | 1 | ) |
| | ALR4937 | Seal front door LH | 1 | )Note(5) |
| **90SV Only** | | | | |
| | ALR6133 | Seal front door LH | 1 | Hinge side |
| | ALR6134 | Seal front door RH | 1 | Hinge side |
| | ALR6135 | Seal front door LH | 1 | Lock side |
| | ALR6136 | Seal front door RH | 1 | Lock side |
| **All Variants** | | | | |
| | MUC9204 | Retainer seal RH | 1 | ) |
| | MUC9205 | Retainer seal LH | 1 | ) |
| | SE105161L | Screw | 10 | )Note(1) |
| | AFU1256 | Washer plain | 10 | ) |
| | WL105001L | Washer spring | 10 | ) |
| | NH105041L | Nut | 10 | ) |
| 2 | MWC6130 | Sill seal | 2 | Note(2) |
| | ALR6250 | Sill seal | 2 | Note(3) |
| 3 | 78248 | Rivet | 18 | Note(2) |
| | ALR6280 | Rivet | 20 | Note(3) |

Note(1) Up to AA270227, AA270484, AA271214.
Note(2) Up to LA933876
Note(3) From LA933877
Note(4) Up to LA935726
Note(5) From LA935727

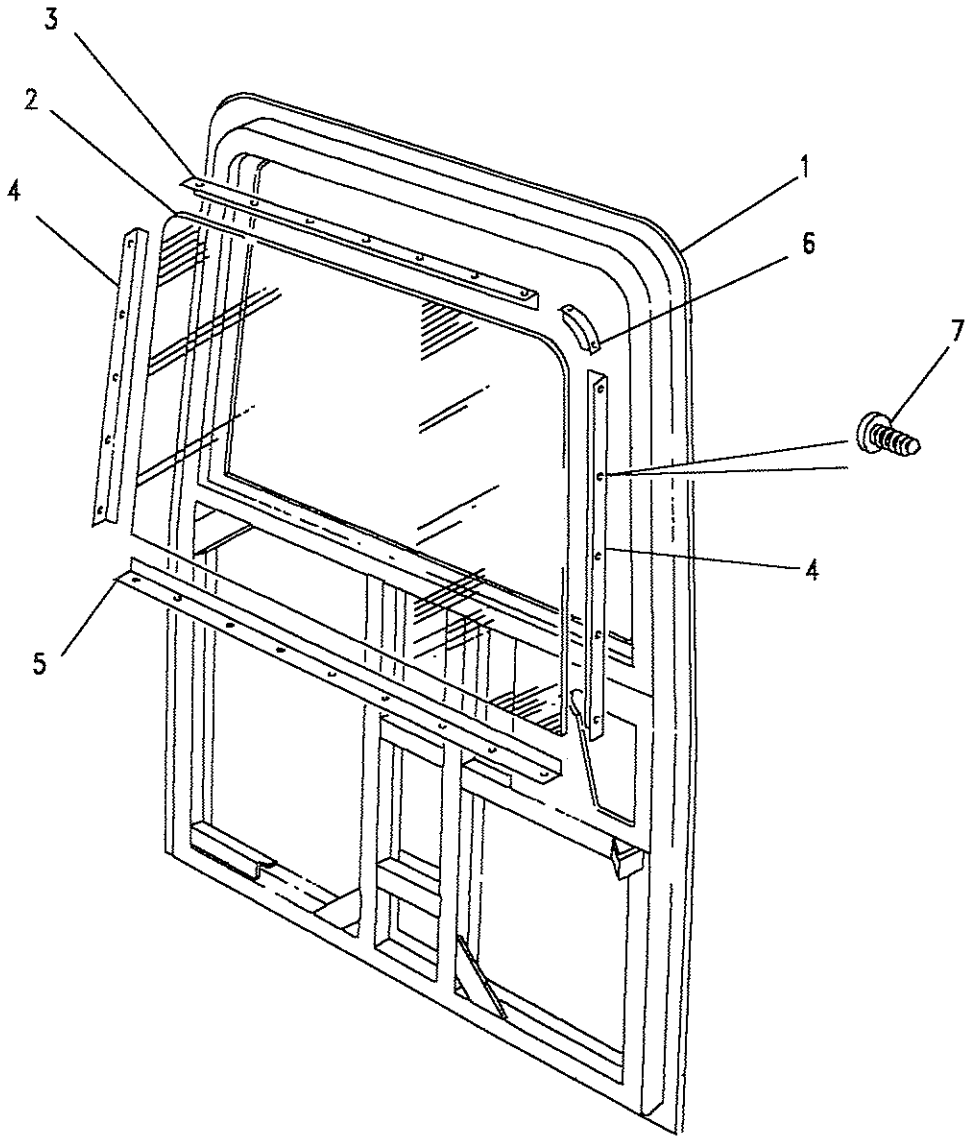



**Model** DEFENDER 90
**Page** ADNXGM1A

## BODY - REAR END DOOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **With pierced panel - for spare wheel carrier** | | | | |
| 1 | RTC6247 | Door rear end | 1 | Upto 241999 |
| | RTC6266 | Door rear end | 1 | From 242000 Up to EA358392 |
| | STC1423 | Door rear end | 1 | From FA358393 Upto KA929577 |
| | STC1470 | Door rear end | 1 | From KA929578 Up to LA939975 |
| | ALR6851 | Door rear end | 1 | From MA939976 |
| **With plain panel** | | | | |
| 1 | RTC6248 | Door rear end | 1 | Upto 241999 |
| | STC1424 | Door rear end | 1 | From 242000 Upto KA929577 |
| | STC1471 | Door rear end | 1 | From KA929578 Up to LA939975 |
| | ALR6852 | Door rear end | 1 | From MA939976 |
| **All variants** | | | | |
| 2 | MTC3469 | Glass clear | 1 | Note(1) |
| | MWC4712 | Glass clear | 1 | Note(2) |
| | MTC3470 | Glass sundym | 1 | Note(1) |
| | MTC8951 | Glass sundym heated | 1 | Note(1) |
| | MWC4713 | Glass sundym heated | 1 | Note(2) |
| | 78159 | Glazing strip | A/R | |
| 3 | 333034 | Retainer top | 1 | |

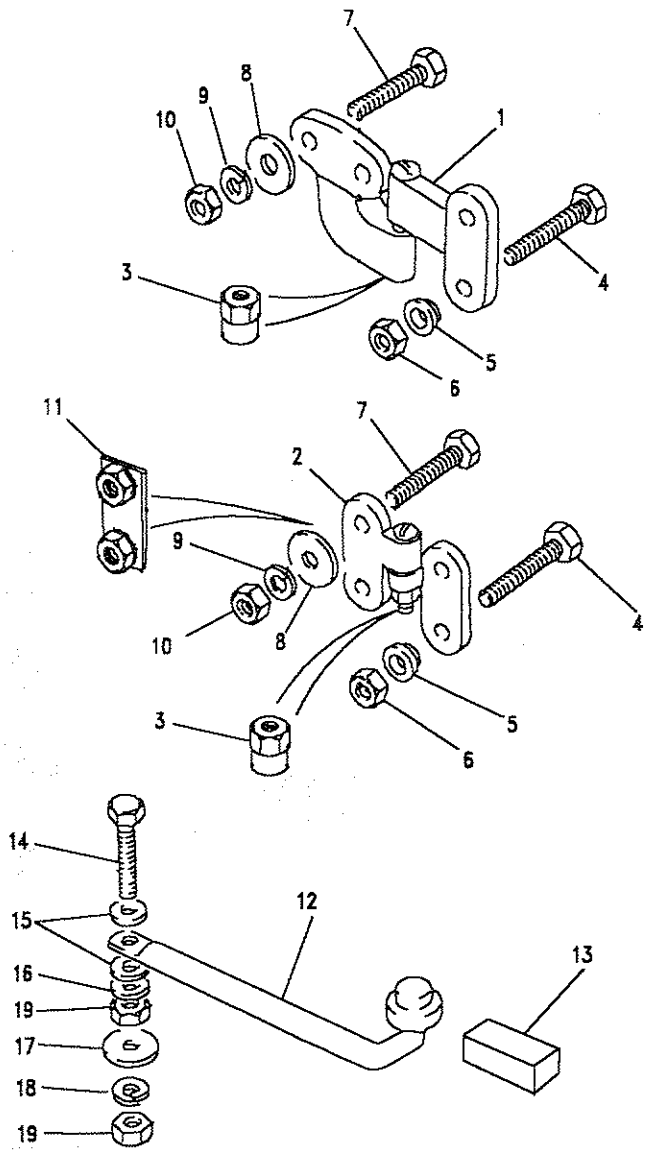
Note(1) 5mm glass - Upto 340456 Hard Top, 344187 Station Wagon
Note(2) 4mm glass - From 340457 Hard Top, 344188 Station Wagon




**Model** DEFENDER 90
**Page** ADNXGM1A

**BODY - REAR END DOOR**

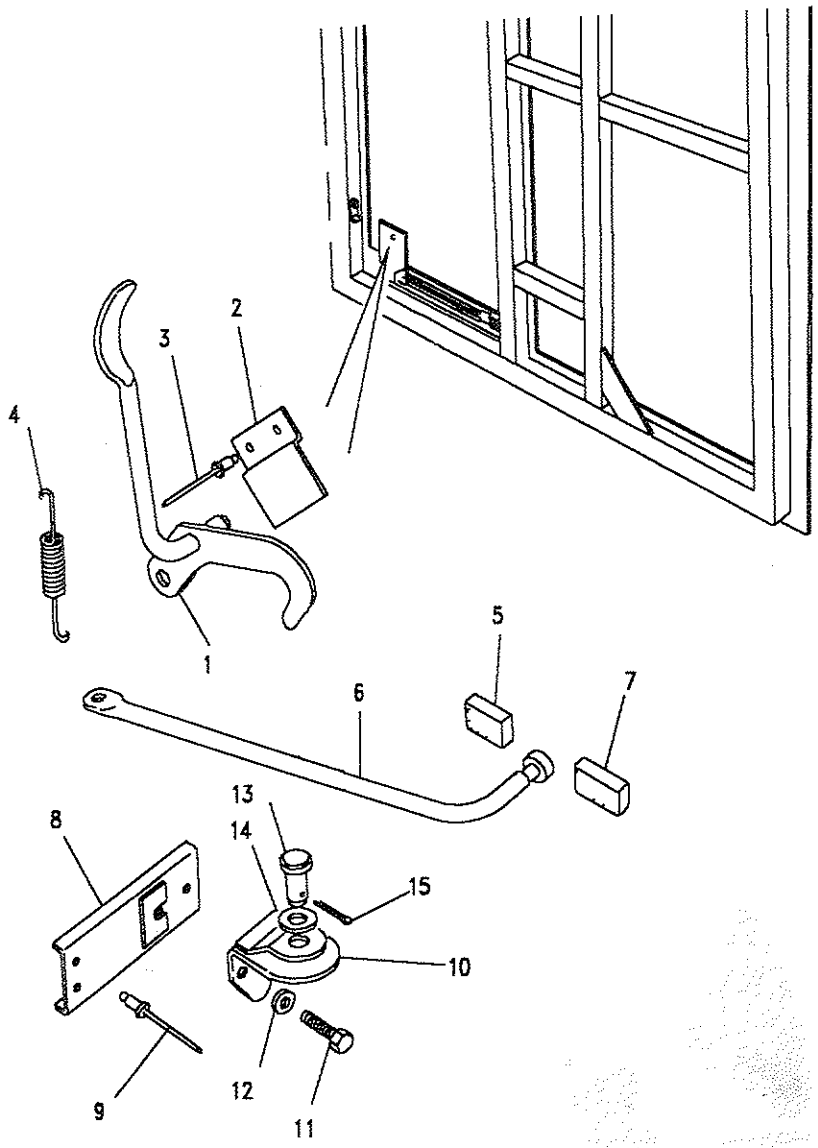
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 4 | 333033 | Retainer side | 2 | |
| 5 | 333032 | Retainer bottom | 1 | |
| 6 | 333035 | Retainer corner | 2 | |
| 7 | AB606031L | Screw | 30 | |
| | MTC9807 | Retainer LH | 1 | |
| | MTC9981 | Retainer RH | 1 | |
| | RA612157L | Rivet | 4 | |




**Model** DEFENDER 90
**Page** ADNXGM2A

## BODY - REAR END DOOR

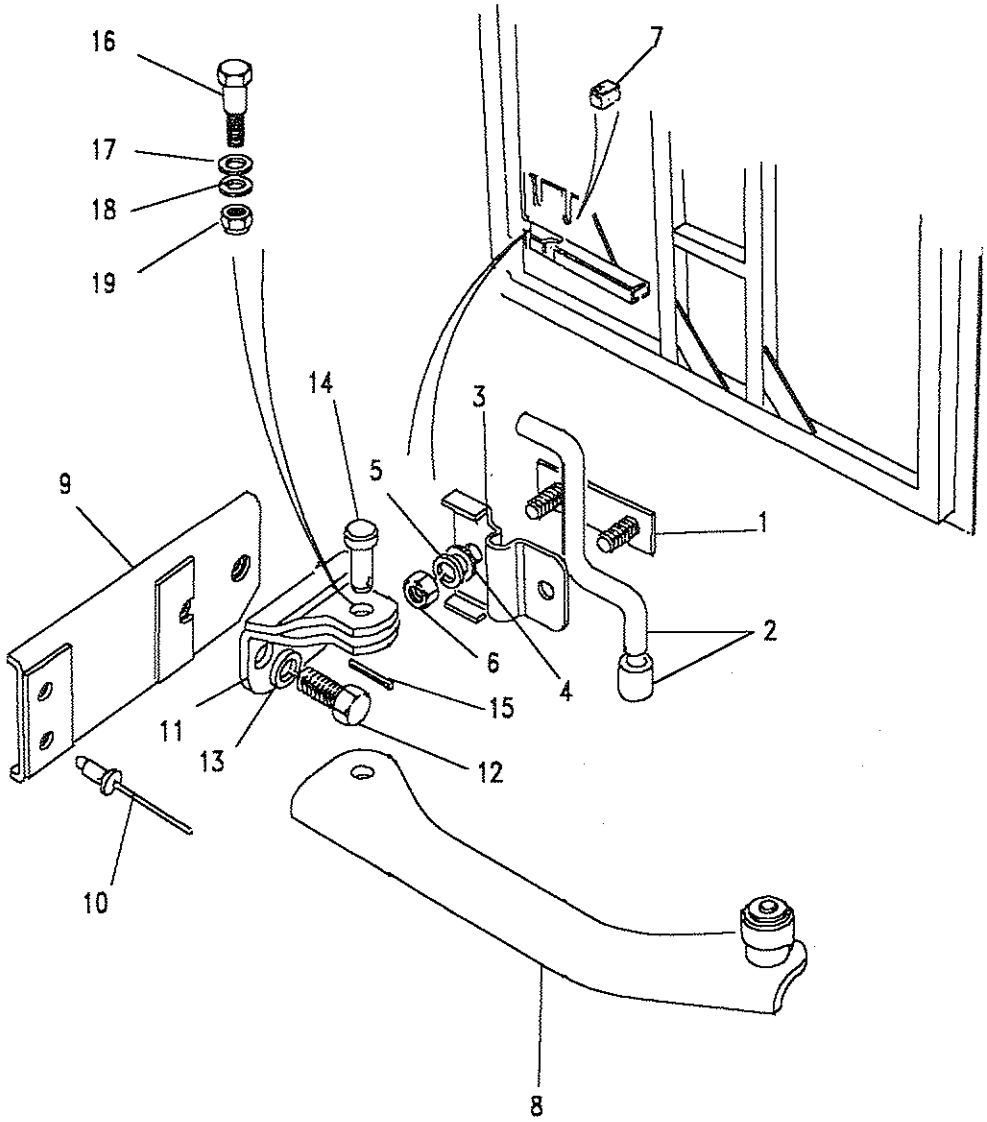
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 333036 | Hinge upper | 1 | |
| 2 | 346341 | Hinge centre | 1 | |
| | 346341 | Hinge lower | 1 | |
| 3 | 257450 | Nut capped | 3 | |
| 4 | SE108501 | Screw | 6 | |
| 5 | MRC1980 | Washer nylon | 6 | |
| 6 | FN108041L | Nut | 6 | |
| 7 | SE108251 | Screw | 6 | |
| 8 | WC108051L | Washer plain M6 | 6 | |
| 9 | WL108001L | Washer spring | 6 | |
| 10 | FN108041L | Nut | 4 | |
| 11 | MTC1042 | Nut plate | 1 | Centre hinge |
| **Upto VIN 241999 only** | | | | |
| 12 | 333041 | Checklink | 1 | |
| 13 | 306295 | Buffer rubber short | 1 | |
| | 333445 | Buffer rubber long | 1 | |
| 14 | BH106071 | Bolt | 1 | |
| 15 | AFU1262 | Washer plain | 2 | |
| 16 | AFU1078 | Washer plain | 1 | |
| 17 | MRC5525 | Washer plain | 1 | |
| 18 | WL106001L | Washer spring | 1 | |
| 19 | NH106041L | Nut | 2 | |
| **Germany** | | | | |
| | MTC6630 | Cover nut | 12 | Hinge fixings |




**Model** DEFENDER 90
**Page** ADNXGM3A

**BODY - REAR END DOOR - CHECK MECHANISM**

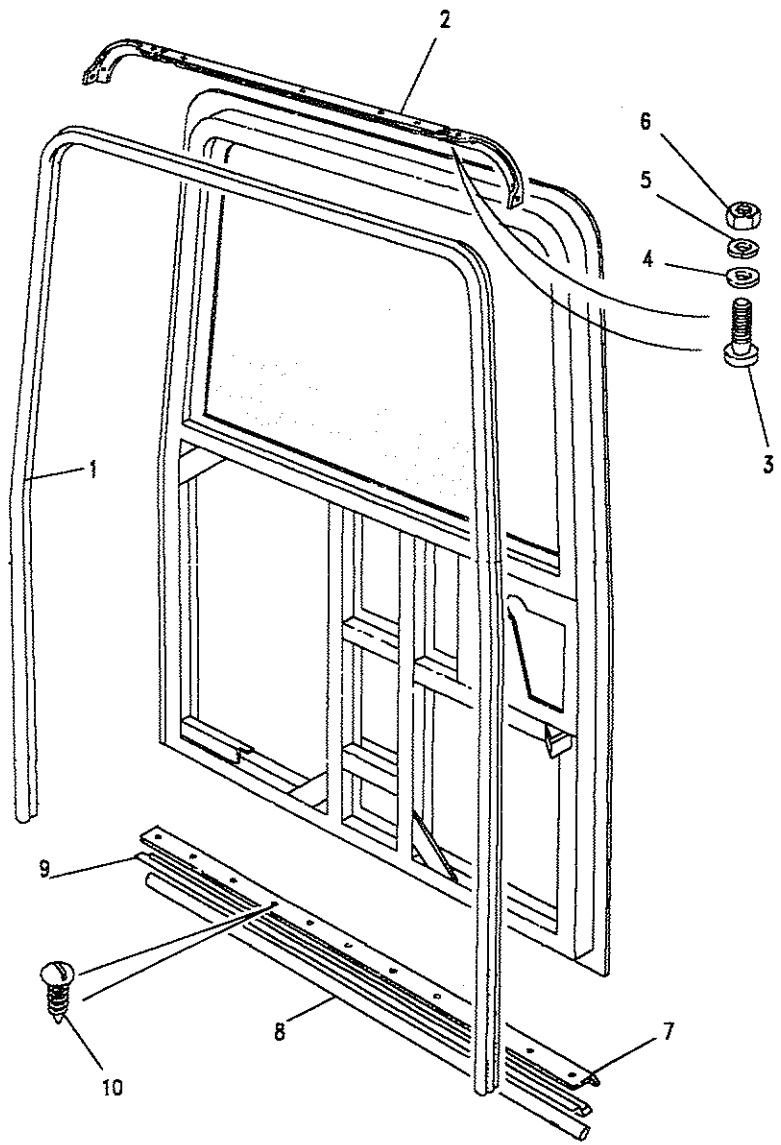
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From FA358392 (Reg) & FA358406 (S/W)** | | | | |
| 1 | MUC4474 | Lever release | 1 | |
| 2 | MUC4486 | Retainer | 1 | |
| 3 | RA608177L | Rivet | 2 | |
| 4 | MUC4481 | Spring | 1 | |
| 5 | MUC4545 | Buffer rubber | 1 | Short |
| 6 | MUC4471 | Checklink | 1 | |
| 7 | MUC4544 | Buffer rubber | 1 | Long |
| 8 | MUC4477 | Bracket mounting | 1 | |
| 9 | 78248 | Rivet | 2 | |
| 10 | 346878 | Bracket retaining | 1 | |
| 11 | FS106201L | Flange screw | 2 | |
| 12 | WL106001L | Washer spring | 2 | |
| 13 | 306564 | Pin clevis | 1 | |
| 14 | 349931 | Washer plain | 1 | |
| 15 | 2393 | Pin split | 1 | |




**Model** DEFENDER 90
**Page** ADNXGM4A

## BODY - REAR END DOOR

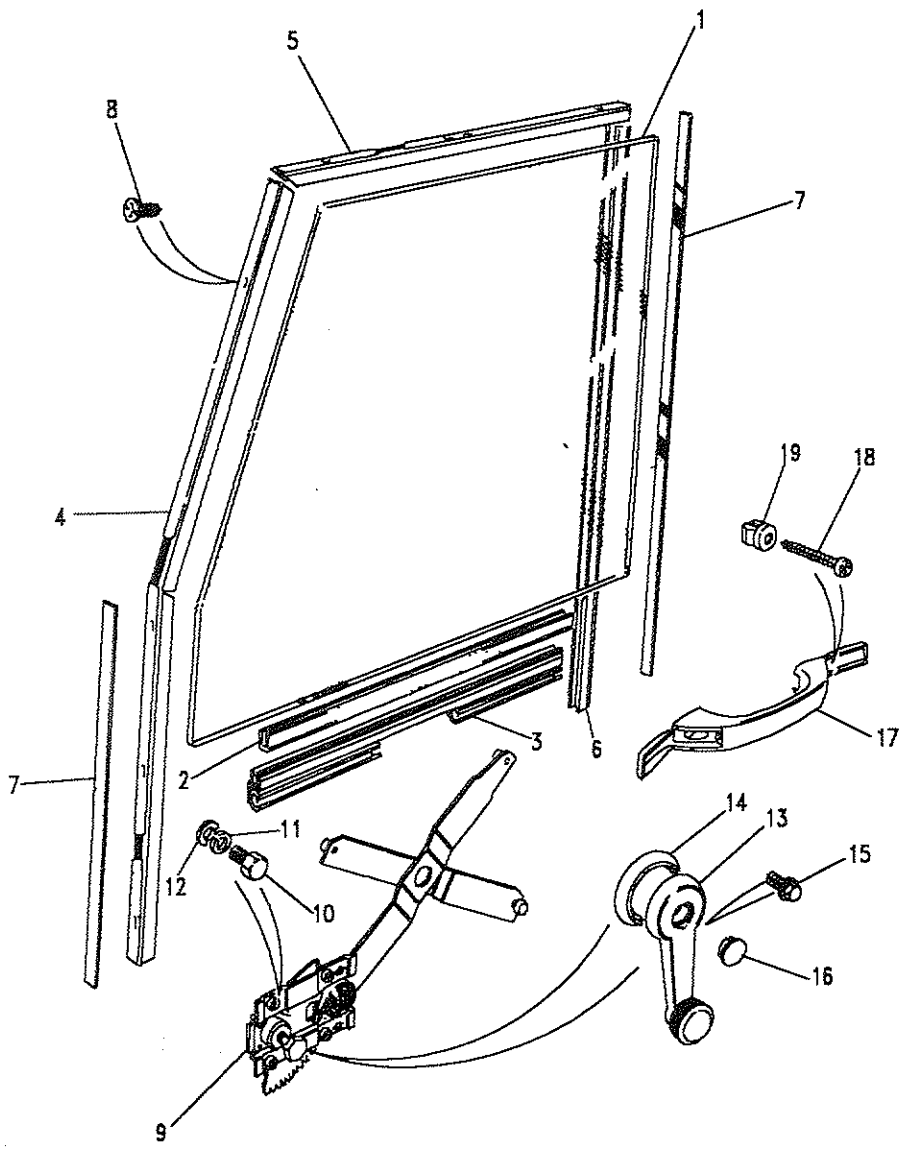
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC1961 | Stud plate | 1 | |
| 2 | MXC1790 | Torsion bar and collar | 1 | |
| 3 | MWC6450 | Bracket pivot | 1 | |
| 4 | AFU1080 | Washer plain | 2 | |
| 5 | WL106001L | Washer spring | 2 | |
| 6 | NH106041L | Nut | 2 | |
| 7 | MWC5759 | Buffer rubber | 1 | |
| 8 | MXC5575 | Checklink | 1 | |
| 9 | MXC2044 | Bracket mounting | 1 | |
| 10 | 78248 | Rivet | 2 | |
| 11 | MXC2047 | Bracket pivot | 1 | |
| 12 | FS108207L | Screw | 2 | |
| 13 | WL108001L | Washer spring | 2 | |
| 14 | 306564 | Pin clevis | 1 | |
| 15 | 2393 | Pin split | 1 | |
| **Fixings for MXC5575** | | | | |
| 16 | MXC5549 | Bolt shouldered | 1 | |
| 17 | WA108051L | Washer plain | 1 | |
| 18 | WA106041L | Washer plain | 1 | |
| 19 | NY106041L | Nut | 1 | |




**Model** DEFENDER 90
**Page** ADNXGM5A

## BODY - SEALS - REAR END DOOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC4111 | Seal rear end door | 1 | Up to LA935726 |
| | ALR4929 | Seal rear end door | 1 | From LA935727 |
| 2 | MTC4290 | Retainer seal | 1 | |
| 3 | SE105161L | Screw | 9 | |
| 4 | AFU1256 | Washer plain | 9 | |
| 5 | WL105001L | Washer spring | 9 | |
| 6 | NH105041L | Nut | 9 | |
| | RU612373L | Rivet | 9 | )Alternative |
| | AFU1256 | Washer plain | 9 | )Fixings |
| 7 | 333203 | Protector | 1 | |
| 8 | ALR4770 | Seal | 1 | |
| 9 | ALR4769 | Retainer seal | 1 | |
| 10 | AB606057 | Screw | 7 | |

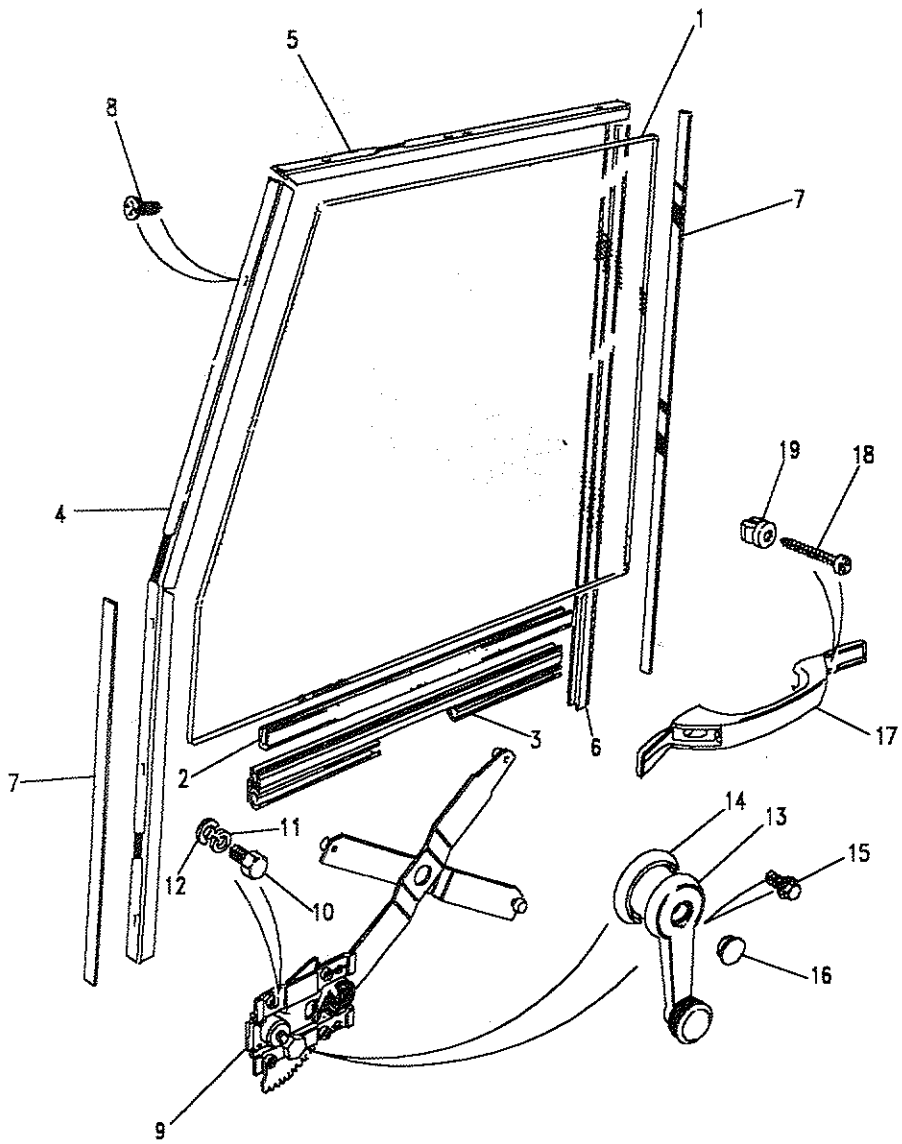



**Model** DEFENDER 90
**Page** ADNXHA1A

## BODY - FRONT DOOR - GLASS AND WINDOW REGULATOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to AA270227, AA270484, & AA271214** | | | | |
| 1 | MTC7825 | Glass clear | 2 | |
| | MTC7826 | Glass tinted | 2 | |
| 2 | MUC1713 | Glazing rubber-lift chnnl | 2 | |
| 3 | MTC8477 | Channel window lift | 2 | |
| 4 | MUC4071 | Channel vertical front | 2 | |
| 5 | MTC8468 | Channel top | 2 | |
| 6 | MUC4072 | Channel vertical rear | 2 | |
| 7 | MUC4073 | Shim channel adjustment | A/R | |
| 8 | AC606031L | Screw | 22 | |
| | AC606041L | Screw | 4 | |
| 9 | MUC3024 | Regulator front RH | 1 | |
| | STC1460 | Kit conversion RH | 1 | Note(1) |
| | MUC3025 | Regulator front LH | 1 | |
| | STC1461 | Kit conversion LH | 1 | Note(1) |
| 10 | SH106101L | Screw | 8 | |
| 11 | WL106001L | Washer spring | 12 | |
| 12 | WA106001L | Washer plain | 12 | |
| | NH106041L | Nut | 4 | |

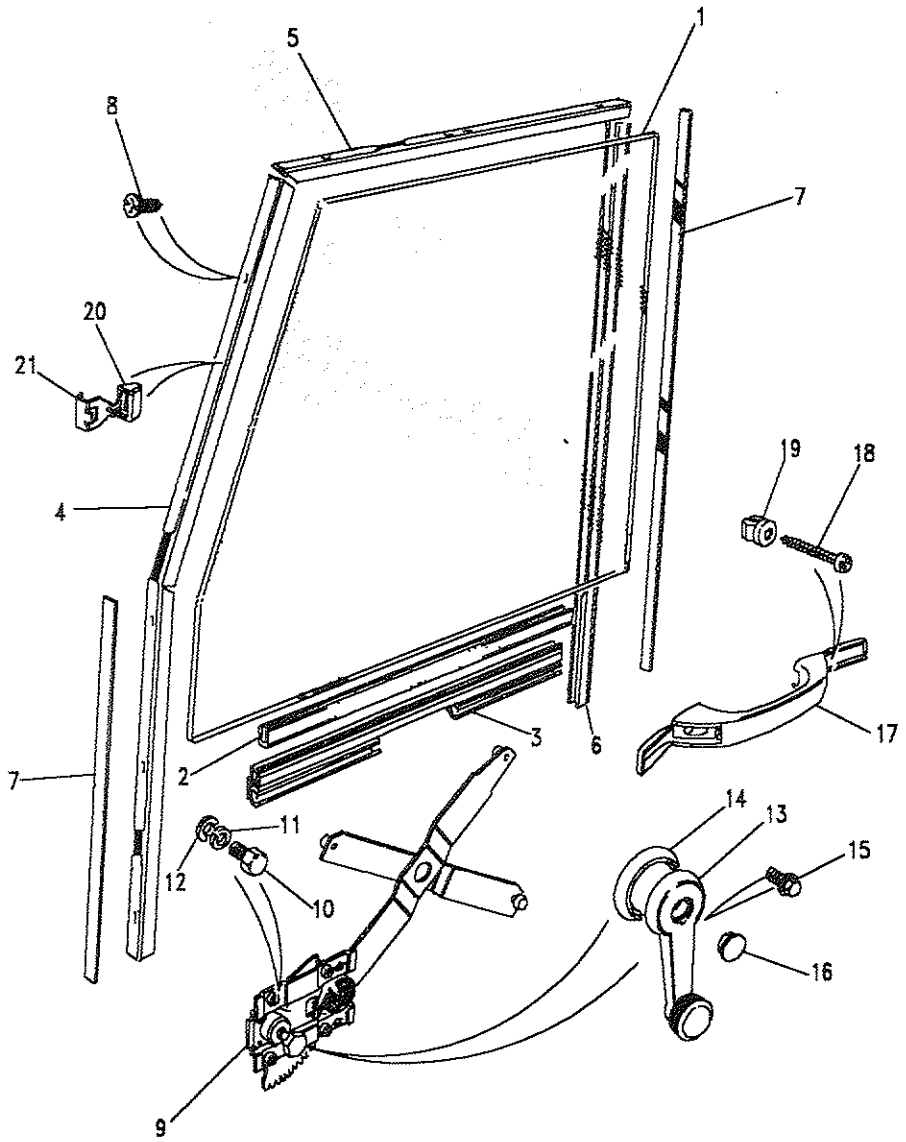
Note(1) Contains all parts required to convert to new style regulators




**Model** DEFENDER 90
**Page** ADNXHA1A

**BODY - FRONT DOOR - GLASS AND WINDOW REGULATOR**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to AA270227, AA270484, & AA271214** | | | | |
| 13 | RTC3939PA | Handle window regulator | 2 | |
| 14 | JPC9023PMA | Escutcheon | 2 | |
| 15 | ADU5727L | Screw | 2 | |
| 16 | RTC3940PA | Cover handle | 2 | |
| 17 | YGA451L | Door pull | 2 | |
| 18 | AB610081L | Screw | 4 | |
| 19 | CZK3264L | Nut lokut | 4 | |

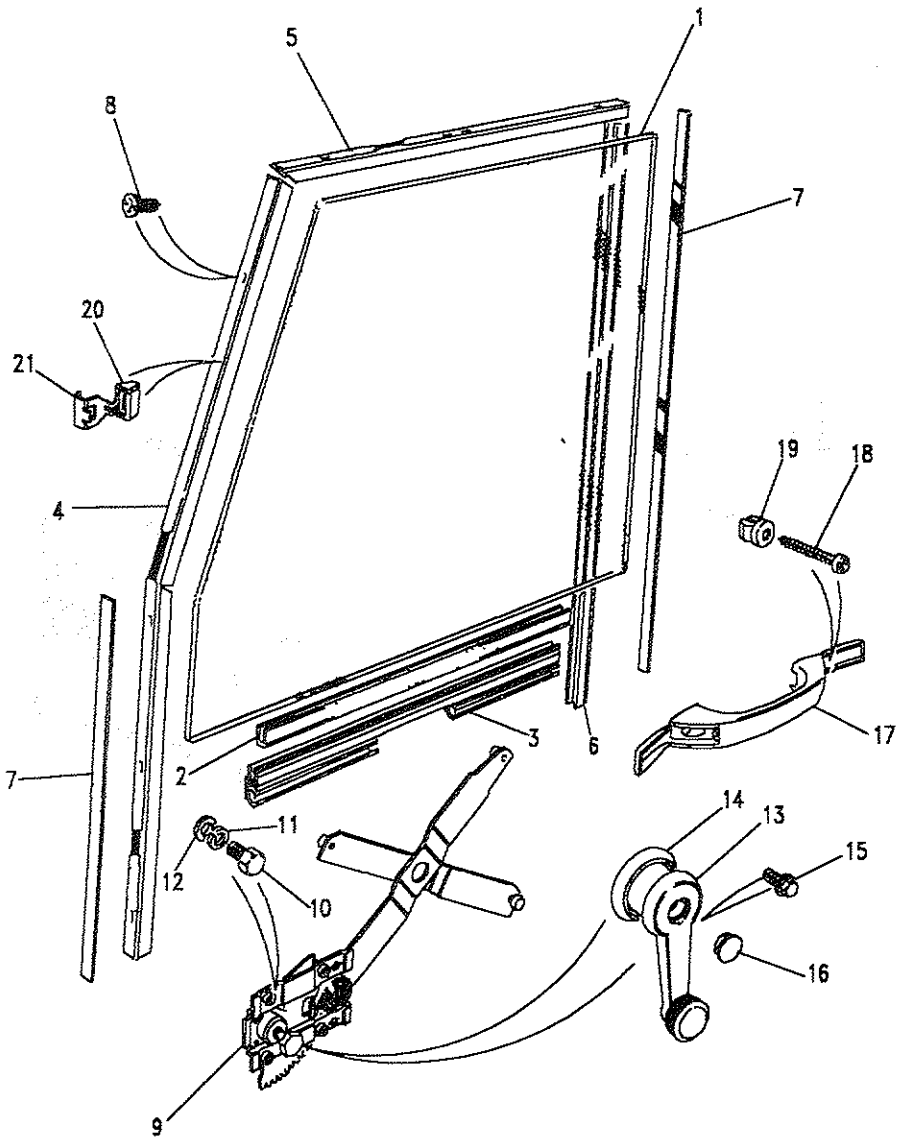



**Model** DEFENDER 90
**Page** ADNXHA2A

## BODY - FRONT DOOR - GLASS AND WINDOW REGULATOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From AA270227, AA270484, & AA271214** | | | | |
| 1 | MTC7825 | Glass clear | 2 | Note(1) |
| | MTC7826 | Glass tinted | 2 | Note(1) |
| | MWC4720 | Glass clear | 2 | Note(2 & 3) |
| | ALR4773 | Glass clear RH | 1 | ) |
| | ALR4771 | Glass clear LH | 1 | )Note(4) |
| | MWC4721 | Glass tinted | 2 | Note(2 & 3) |
| | ALR4774 | Glass tinted RH | 1 | ) |
| | ALR4772 | Glass tinted LH | 1 | )Note(4) |
| 2 | MUC1713 | Glazing rubber-lift chnnl | 2 | Note(1) |
| | MWC4763 | Glazing rubber-lift chnnl | 2 | Note(2) |
| 3 | MTC8477 | Channel window lift | 2 | |
| 4 | MUC4071 | Channel vertical front | 2 | Note(1) |
| | MXC5829 | Channel vertical front | 2 | Note(2) |
| 5 | MTC8468 | Channel top | 2 | Note(1) |
| | MXC5832 | Channel top | 2 | Note(2) |
| 6 | MUC4072 | Channel vertical rear | 2 | Note(1) |
| | MXC5836 | Channel vertical rear | 2 | Note(2) |
| 7 | MUC4073 | Shim channel adjustment | A/R | |
| 8 | AC606031L | Screw | 22 | |
| | AC606041L | Screw | 4 | |

Note(1) 5mm Glass-Upto VIN 340456 Regular, VIN 344187 Station Wagon
Note(2) 4mm Glass-From VIN 340457 Regular, VIN 344188 Station Wagon
Note(3) Up to LA932528
Note(4) From LA932529

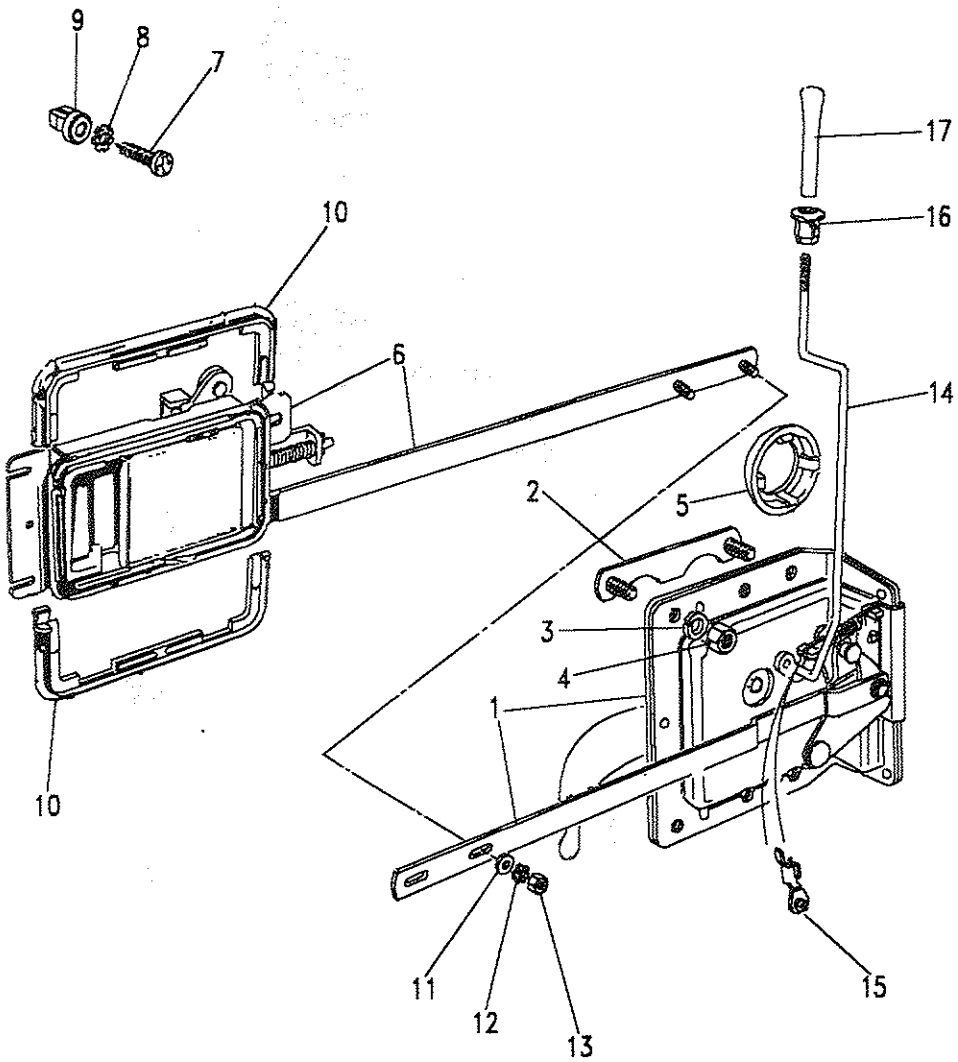



**Model** DEFENDER 90
**Page** ADNXHA2A

## BODY - FRONT DOOR - GLASS AND WINDOW REGULATOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From AA270227, AA270484, & AA271214** | | | | |
| 9 | MUC3024 | Regulator front RH | 1 | Note(1) |
| | ALR4533 | Regulator front RH | 1 | Note(2) |
| | STC1460 | Kit conversion RH | 1 | Note(3) |
| | MUC3025 | Regulator front LH | 1 | Note(1) |
| | ALR4532 | Regulator front LH | 1 | Note(2) |
| | STC1461 | Kit conversion LH | 1 | Note(3) |
| 10 | SH106101L | Screw | 8 | |
| 11 | WL106001L | Washer spring MC | 8 | |
| 12 | WA106001L | Washer plain | 8 | |
| 13 | RTC3939PA | Handle window regulator | 2 | Note(1) |
| | DBP6287PMA | Handle window regulator | 2 | Note(2) |
| | BNP4556L | Clip retaining | 2 | |
| | ALR5821 | Adaptor handle | 2 | Note(1) |
| 14 | JPC9023PMA | Escutcheon regulator | 2 | Note(1) |
| | BTR6620PMA | Escutcheon regulator | 2 | Note(2) |
| 15 | ADU5727L | Screw | 2 | |
| 16 | RTC3940PA | Cover handle | 2 | |
| 17 | YGA451L | Door pull | 2 | |
| 18 | AB610081L | Screw | 4 | |
| 19 | RTC3748 | Nut lokut | 4 | |
| 20 | MWC4370 | Clip window guide | 2 | From 305304 |
| 21 | MWC4371 | Clip retaining | 2 | From 305304 |
| | ALR6219 | Clip window guide | 4 | |

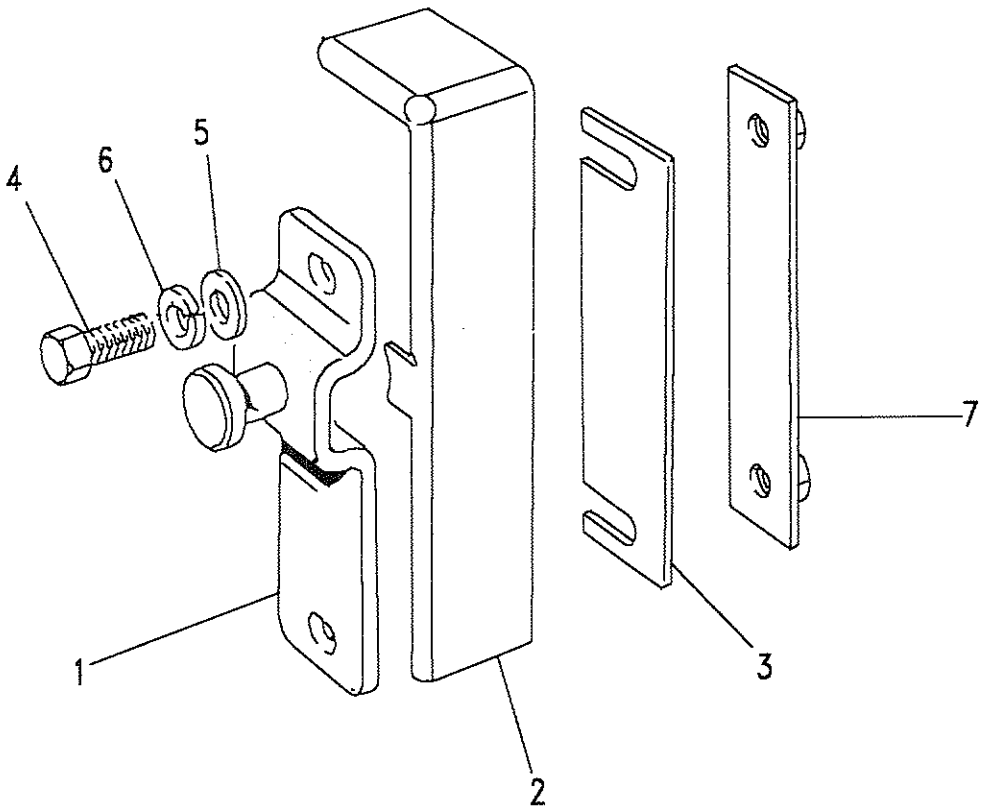
Note(1) Up to LA932528
Note(2) From LA932529
Note(3) Contains all parts required to convert to new style regulators




**Model** DEFENDER 90
**Page** ADNXHE1A

## BODY - FRONT DOORS - LOCK MECHANISM

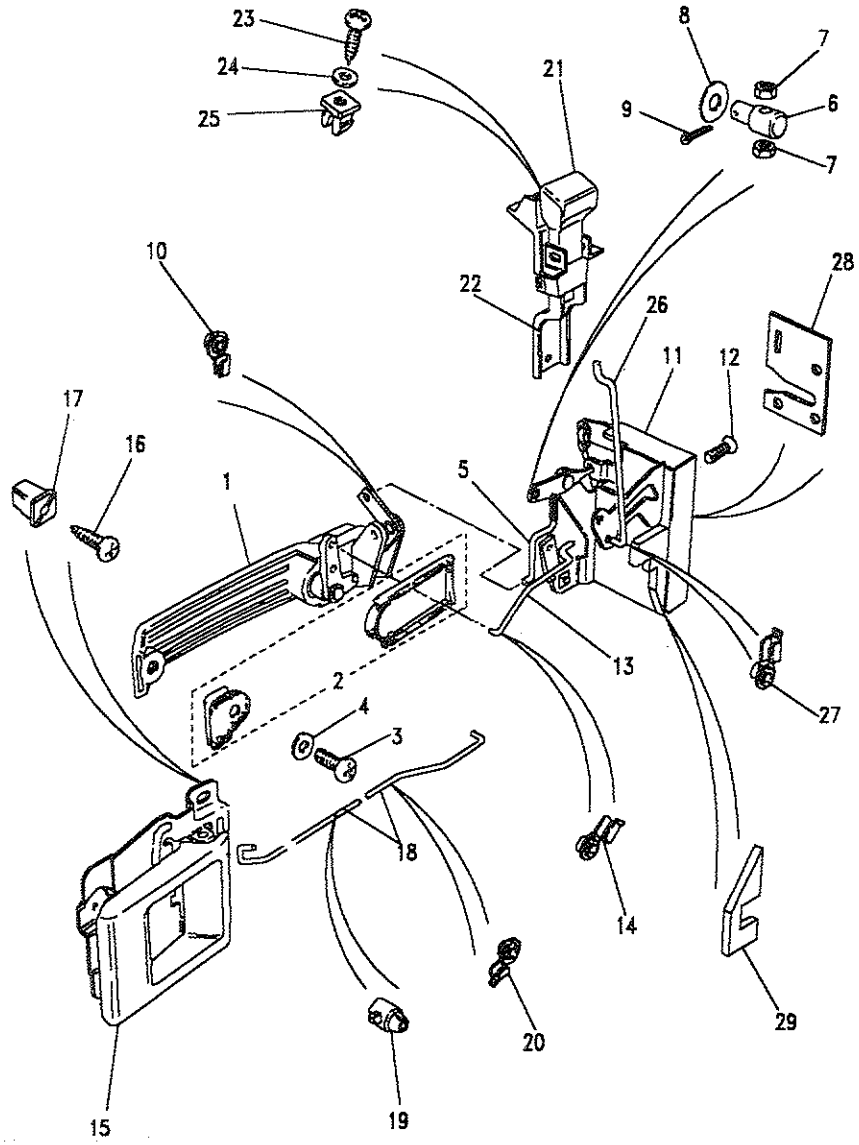
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | **Up To DVAD7AA270227, DVAC7AA270484, & DVAV7AA271214.** | | | |
| 1 | MUC2290 | Latch door RH | 1 | Upto 242961 |
| | MUC2291 | Latch door LH | 1 | Upto 242961 |
| | MUC6979 | Latch door RH | 1 | From 242962 |
| | MUC6980 | Latch door LH | 1 | From 242962 |
| | MUC4146 | Barrel lock and keys | 2 | |
| | MUC4145 | Key Blank | A/R | |
| 2 | MTC5536 | Stud plate | 4 | |
| 3 | WL106001L | Washer spring | 8 | |
| 4 | NH106041L | Nut | 8 | |
| 5 | MUC3360 | Escutcheon | 2 | |
| 6 | MUC3656 | Remote control RH | 1 | |
| | MUC3657 | Remote control LH | 1 | |
| 7 | AB608061L | Screw | 6 | |
| 8 | WE105001L | Washer shakeproof | 6 | |
| 9 | CZK3264L | Nut lokut | 6 | |
| | AB606031L | Screw | 2 | |
| 10 | CZA2259L | Bezel | 4 | |
| 11 | WA104001L | Washer plain | 4 | |
| 12 | WE104001L | Washer shakeproof | 4 | |
| 13 | NH104041L | Nut | 4 | |
| 14 | MUC4214 | Link sill button RH | 1 | |
| | MUC4215 | Link sill button LH | 1 | |
| 15 | BHA4705L | Clip linkage | 2 | |
| 16 | ADU3307L | Grommet | 2 | |
| 17 | RTC3934AV | Button sill-Brushwood | 2 | |
| | EAM5563PMA | Button sill-Black | 2 | No longer serviced |




**Model** DEFENDER 90
**Page** ADNXHE2A

## BODY - FRONT DOORS - LOCK MECHANISM

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | **From DVAD7AA270227, DVAC7AA270484, & DVAV7AA271214** | | | |
| 1 | MUC2959 | Striker lock | 2 | |
| 2 | MUC4202 | Shroud RH | 1 | |
| | MUC4203 | Shroud LH | 1 | |
| 3 | MUC3038 | Shim 0.7mm | A/R | |
| | MUC3039 | Shim 1.2mm | A/R | |
| 4 | FS108207L | Screw | 4 | |
| 5 | WA108051L | Washer plain | 4 | |
| 6 | WL108001L | Washer spring | 4 | |
| 7 | MUC2961 | Nut plate | 2 | |
| | **Non Station Wagon** | | | |
| | MWC1736 | Bracket support RH | 1 | |
| | MWC1737 | Bracket support LH | 1 | |
| | FS106167L | Screw | 4 | |
| | WL106001L | Washer spring | 4 | |
| | AFU1259 | Washer plain | 4 | |
| | MUC2965 | Nut plate | 2 | |
| | MUC1049 | Stud plate | 2 | |
| | AFU1257 | Washer plain | 4 | |
| | WL106001L | Washer spring | 4 | |
| | NH106041L | Nut | 4 | |

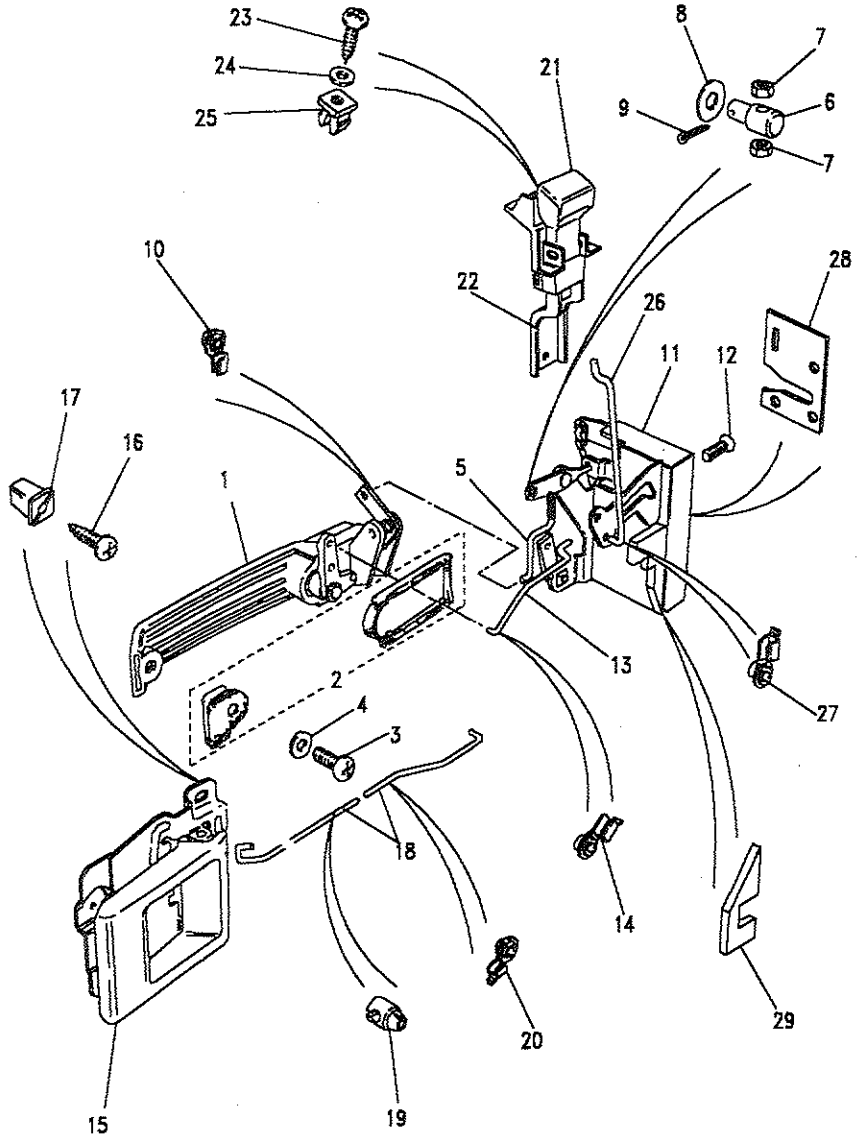



**Model** DEFENDER 90
**Page** ADNXHE3A

## BODY - FRONT DOOR - LOCK MECHANISM

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From DVAD7AA270227, DVAC7AA270484, & DVAV7AA271214** | | | | |
| 1 | MXC7652 | Handle door outer RH | 1 | |
| | MXC7651 | Handle door outer LH | 1 | |
| | | Barrel lock and keys | | Note(1) |
| | | Key blank | | Note(1) |
| 2 | STC617 | Gasket kit | 2 | |
| 3 | SE105101L | Screw | 4 | |
| 4 | WA105001L | Washer plain | 4 | Upto 455945 |
| | WC105001L | Washer plain | 4 | From HA455946 |
| 5 | MWC4846 | Link RH | 1 | Threaded |
| | MWC4847 | Link LH | 1 | Threaded |
| 6 | MWC4850 | Adjuster | 2 | Upto KA930184 |
| | ALR4065 | Adjuster threaded | 2 | From KA930185 |
| 7 | NH104041L | Nut | 4 | Upto KA930184 |
| 8 | MRC5525 | Washer plain | 2 | |
| 9 | PS603041L | Pin split | 2 | Upto FA446214 |
| | PS103101L | Pin split | 2 | From FA446215 |
| 10 | 634604 | Clip linkage | 4 | Upto HA703843 |
| | BRC1393 | Clip linkage | 4 | From HA703844 |
| 11 | MWC1476 | Latch door RH | 1 | |
| | MWC1477 | Latch door LH | 1 | |
| 12 | SF106161L | Screw | 6 | |
| 13 | MWC1480 | Link RH | 1 | External lock |
| | MWC1481 | Link LH | 1 | External lock |
| 14 | 634604 | Clip linkage | 2 | Upto HA703843 |
| | BRC1393 | Clip linkage | 2 | From HA703844 |
| 15 | DBP5840PMA | Handle door inner rh | 1 | |
| | DBP5841PMA | Handle door inner LH | 1 | |

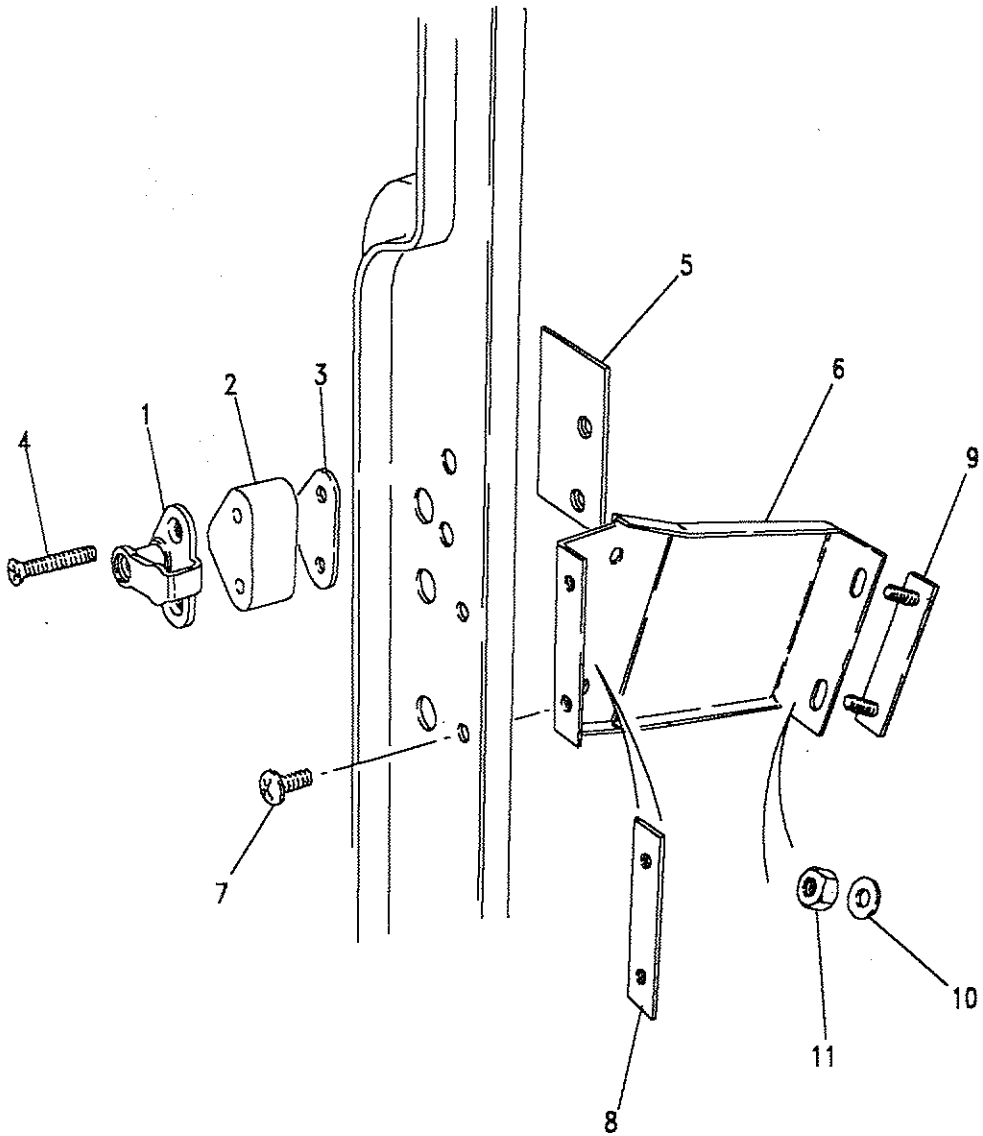
Note(1) Refer to page 861




**Model** DEFENDER 90
**Page** ADNXHE3A

**BODY - FRONT DOOR - LOCK MECHANISM**

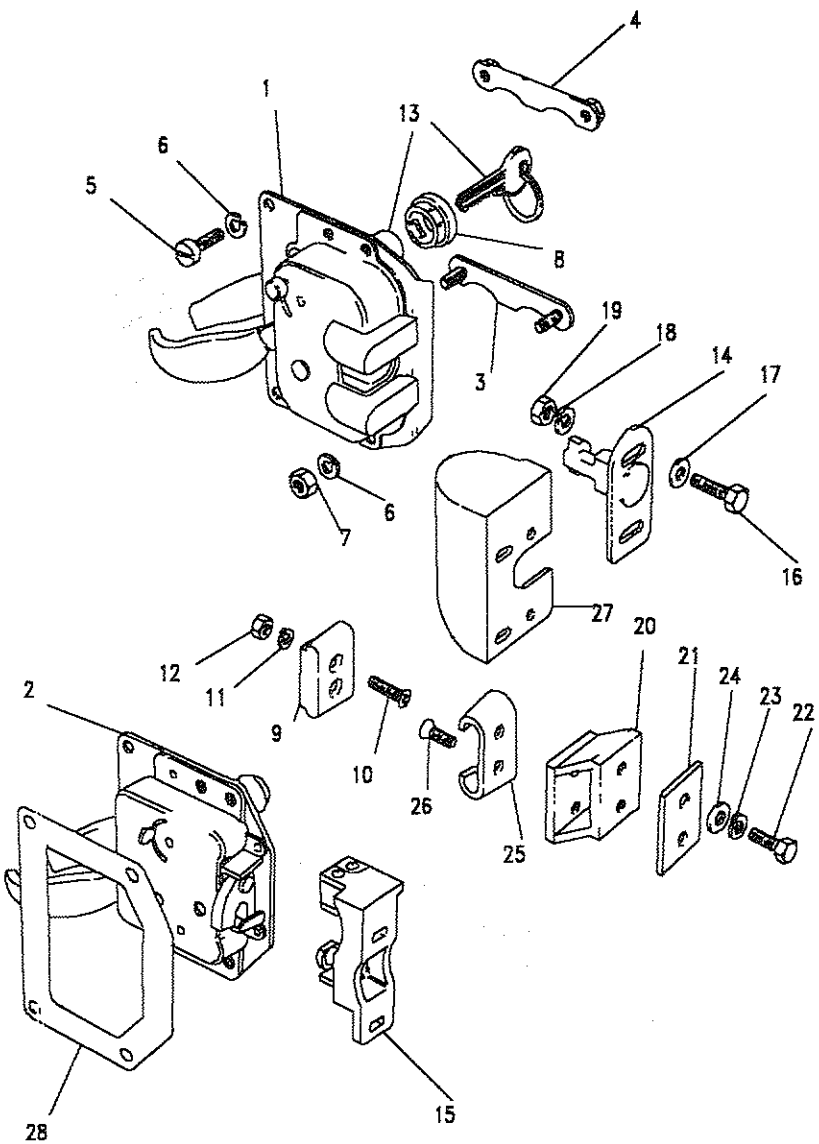
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 16 | MUC3394 | Screw sems | 4 | |
| 17 | MWC1950 | Nut lokut | 4 | |
| 18 | MWC1486 | Link RH | 1 | Inner handle |
| | MWC1487 | Link LH | 1 | Inner handle |
| 19 | CRC1250L | Clip support | 2 | |
| 20 | BFP1265L | Clip linkage | 2 | |
| 21 | JRC1775PMA | Button sill | 2 | |
| 22 | BRC8965 | Housing | 2 | |
| 23 | AB606041L | Screw | 4 | |
| 24 | WA104001L | Washer plain | 4 | |
| 25 | MWC1950 | Nut lokut | 4 | |
| 26 | MWC1484 | Link sill button | 2 | Up to LA936068 |
| | ALR6224 | Link sill button | 2 | From LA936069 |
| 27 | BFP1265L | Clip linkage | 2 | |
| 28 | MXC8222 | Gasket-door lockface RH | 1 | From FA419244 |
| | MXC8223 | Gasket-door lockface LH | 1 | From FA419244 |
| 29 | MXC8224 | Seal-lock aperture RH | 1 | From FA419244 |
| | MXC8225 | Seal-lock aperture LH | 1 | From FA419244 |




**Model** DEFENDER 90
**Page** ADNXHE4A

## BODY - FRONT DOORS - LOCK MECHANISM

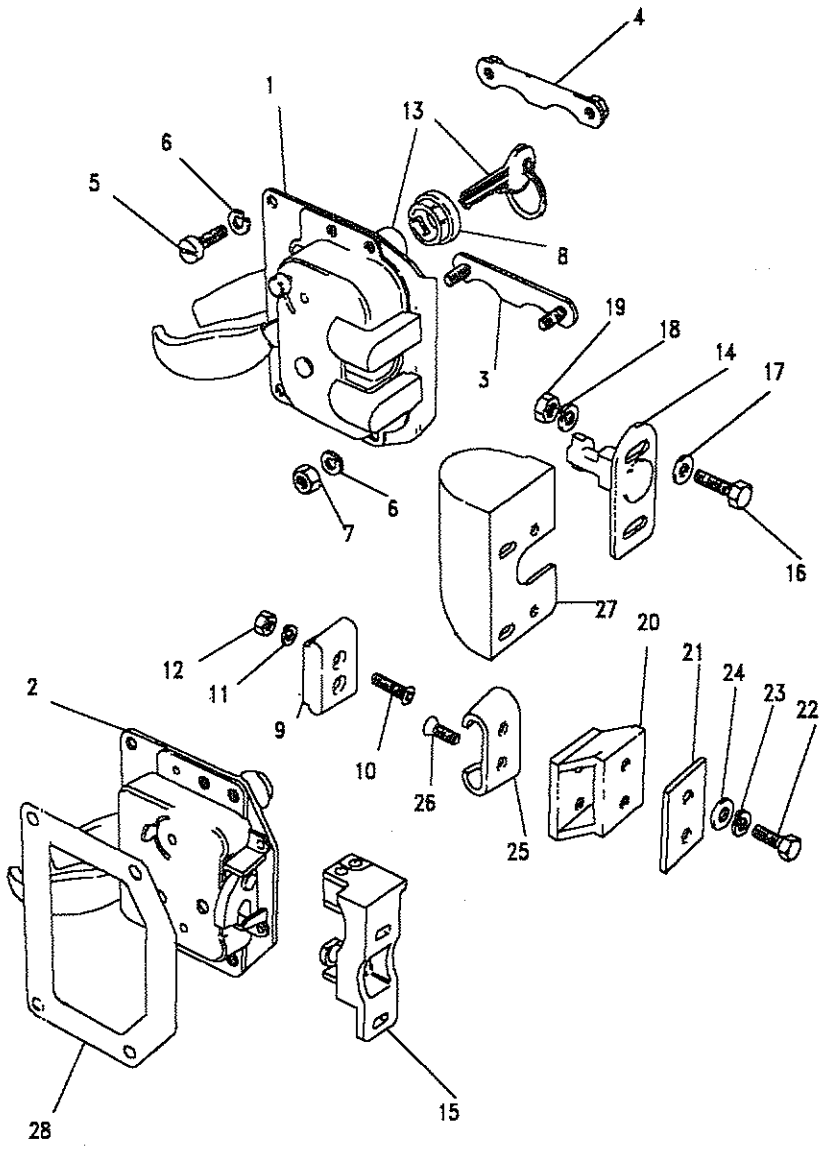
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From DVAD7AA270227, DVAC7AA270484, & DVAV7AA271214** | | | | |
| 1 | MUC8526 | Striker lock | 2 | |
| 2 | MUC7809 | Spacer | 2 | |
| 3 | MWC3148 | Packing piece | A/R | |
| 4 | SF106401 | Screw | 4 | Upto HA482027 |
| | MXC9689 | Screw torx M6x40 | 4 | From HA482028 |
| 5 | MWC1812 | Reinforcement RH | 1 | |
| | MWC1813 | Plate reinforcing | 1 | |
| 6 | MWC1736 | Bracket support RH | 1 | |
| | MWC1737 | Bracket support LH | 1 | |
| 7 | SE106161L | Screw | 4 | |
| 8 | MRC9431 | Nut plate | 2 | |
| 9 | MUC1049 | Stud plate | 2 | |
| 10 | WA106041L | Washer plain | 4 | |
| 11 | NH106041L | Nut | 4 | |




**Model** DEFENDER 90
**Page** ADNXHI1A

## BODY - REAR END DOOR

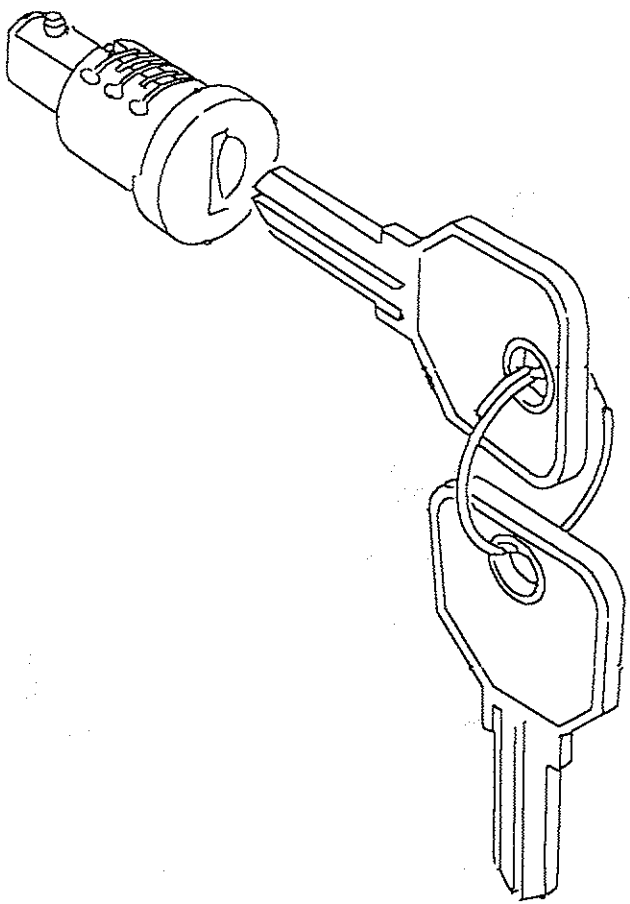
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC1030 | Lock assembly | 1 | Upto 314173 |
| 2 | 395037 | Lock assembly | 1 | From 314174 |
| 3 | MRC9416 | Stud plate | 1 | |
| 4 | MRC9417 | Nut plate | 1 | |
| 5 | SE106161L | Screw | 2 | |
| 6 | WL106001L | Washer spring | 4 | |
| 7 | NH106041L | Nut | 2 | |
| 8 | 347151 | Seal | 1 | |
| 9 | 332942 | Dovetail male | 1 | Upto KA929577 |
| 10 | SA106251 | Screw | 2 | Upto KA929577 |
| 11 | WL106001L | Washer spring | 2 | Upto KA929577 |
| 12 | NH106041L | Nut | 2 | Upto KA929577 |
| 13 | | Barrel lock and keys | | |
| | | Key Blank | | |
| 14 | MRC8444 | Striker lock | 1 | Upto 314173 |
| 15 | 395294 | Striker lock | 1 | From 314174 Upto KA929577 |
| | ALR4652 | Striker lock | 1 | From KA929578 |
| | 395078 | Shim | A/R | |
| | MWC3312 | Bracket reinforcement | 1 | From 289409 |
| 16 | SH106351L | Screw | 2 | |
| 17 | AFU1259 | Washer plain | 2 | |
| 18 | WL106001L | Washer spring | 2 | |
| 19 | NH106041L | Nut | 2 | |
| 20 | MRC9619 | Spacer | 1 | Upto KA929577 |
| 21 | 305232 | Shim | 2 | Upto KA929577 |
| 22 | FS106201L | Flange screw | 2 | Upto KA929577 |
| 23 | WL106001L | Washer spring | 2 | Upto KA929577 |
| 24 | AFU1080 | Washer plain | 2 | Upto KA929577 |




**Model** DEFENDER 90
**Page** ADNXHI1A

## BODY - REAR END DOOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 25 | 332147 | Dovetail female | 1 | Upto KA929577 |
| 26 | SA106161 | Screw | 2 | Upto KA929577 |
| 27 | MRC9006 | Shroud | 1 | |
| 28 | MXC9455 | Seal | 1 | |
| | MTC7155 | Cover lock/dovetail | 1 | Germany |



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**Model** DEFENDER 90
**Page** ADNXHK1A

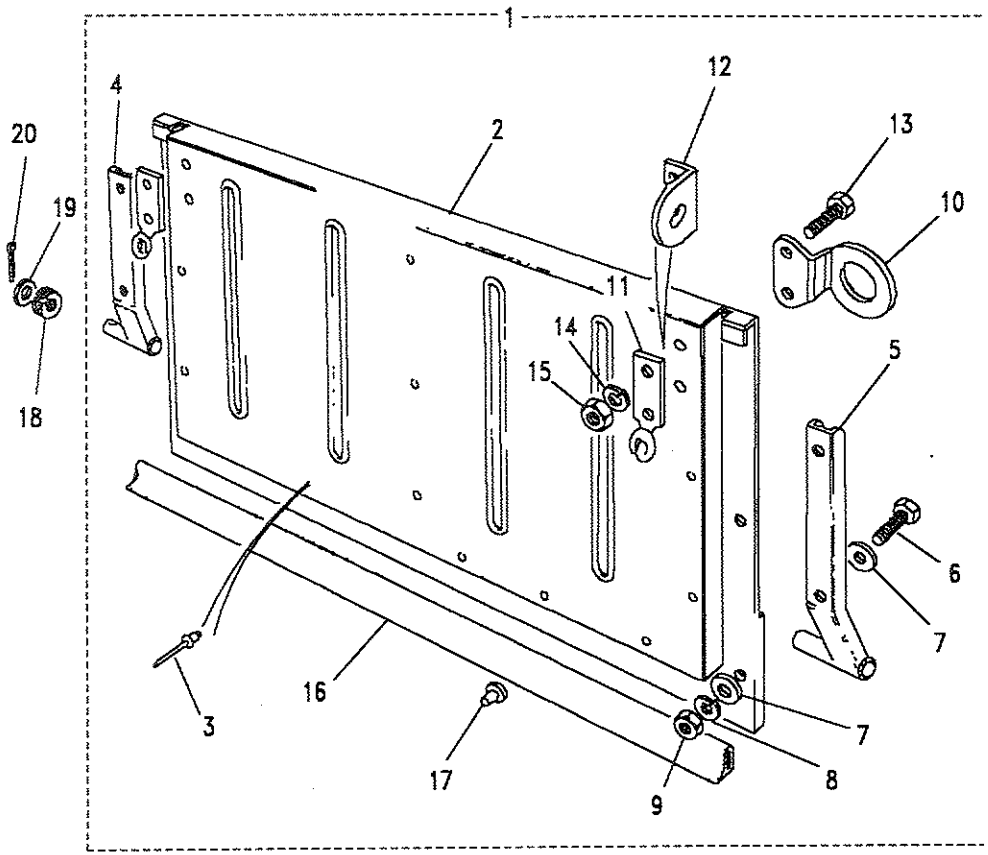
## BODY - BARREL LOCK AND KEYS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Spanish Locks-'Faica/Santana'-Front doors-Upto Note(1)** | | | | |
| 1 | MUC4146 | Barrel lock and keys | 2 | |
| | MUC4145 | Key blank | A/R | |
| **Basic Locks** | | | | |
| 1 | RTC3022 | Barrel lock and keys | 1 | |
| | MTC6503 | Barrel locks and keys | 1 | 2 barrels/2 keys |
| | MTC6504 | Barrel locks and keys | 1 | 3 barrels/2 keys |
| | MTC6505 | Barrel locks and keys | 1 | 4 barrels/2 keys |
| | MTC6506 | Barrel locks and keys | 1 | 5 barrels/2 keys |
| | MTC6507 | Barrel locks and keys | 1 | 6 barrels/2 keys |
| | CZK3438L | Key blank | A/R | FT series |
| **Rear end door - From 314174** | | | | |
| 1 | 395141 | Barrel lock and keys | 1 | |
| | 17H2475L | Key blank | A/R | FS series |
| **Tailboard side hinged with lock 395041** | | | | |
| 1 | 395141 | Barrel lock and keys | 1 | |
| | 17H2475L | Key blank | A/R | FS series |

Note(1) SALLDVAD7AA270227, SALLDVAC7AA270484, & SALLDVAV7AA271214
Note(2) Rear end door prior to 314174 fitted with basic lock

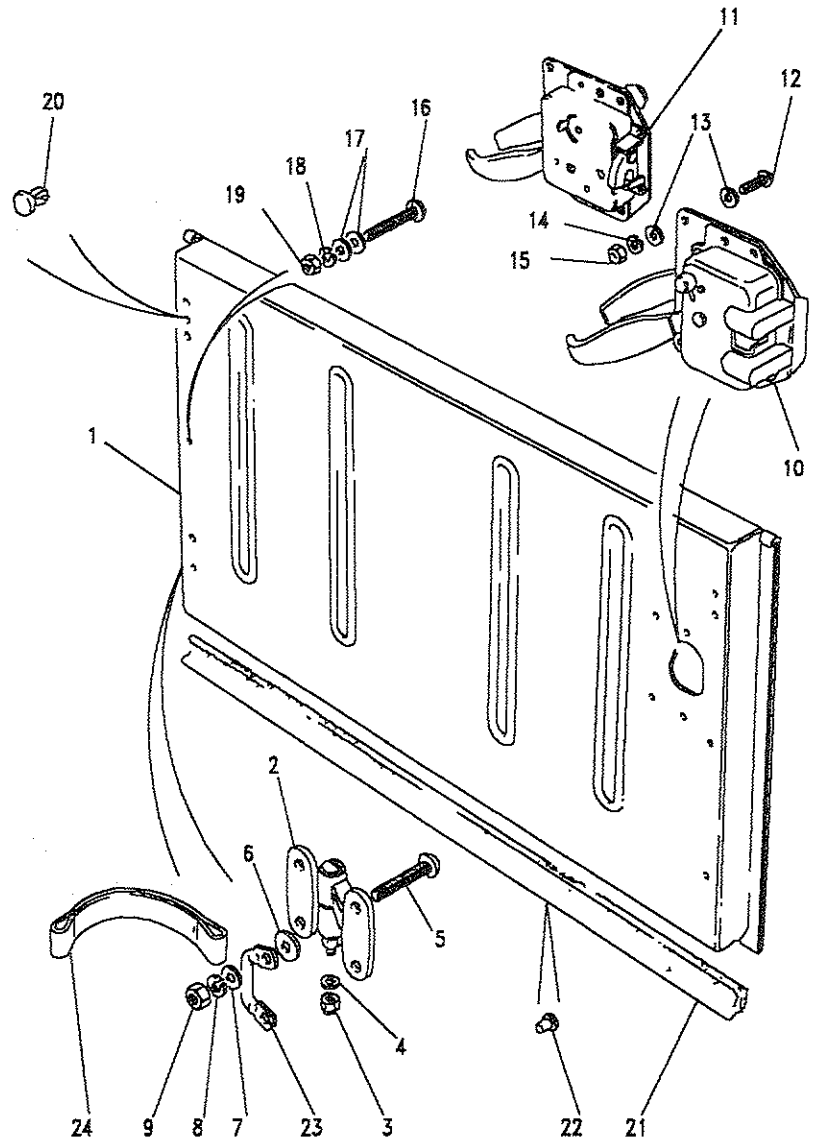
**Model** DEFENDER 90
**Page** ADNXIA1A

## BODY - TAILBOARD - LOWER HINGED




| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 320604 | Tailboard assembly | 1 | Note(1) |
| 2 | 345915 | Panel reinforcing | 1 | Note(1) |
| 1 | MUC8736 | Tailboard assembly | 1 | Note(2) |
| 2 | MUC8737 | Panel reinforcing | 1 | Note(2) |
| 3 | 78248 | Rivet | 17 | |
| | RR612063 | Rivet | 8 | |
| 4 | MUC8740 | Hinge RH | 1 | |
| 5 | MUC8741 | Hinge LH | 1 | |
| 6 | BH106111L | Bolt | 4 | |
| 7 | MRC5528 | Washer plain | 10 | |
| 8 | WL106001L | Washer spring | 4 | |
| 9 | NH106041L | Nut | 4 | |
| 10 | MUC8746 | Plate locking | 2 | |
| 11 | 332445 | Hook RH | 1 | Note(1) |
| | 332446 | Hook LH | 1 | Note(1) |
| 12 | MUC8738 | Bracket RH | 1 | Note(2) |
| | MUC8739 | Bracket LH | 1 | Note(2) |
| 13 | BH106111L | Bolt | 4 | |
| 14 | WL106001L | Washer spring | 4 | |
| 15 | NH106041L | Nut | 4 | |
| 16 | 303975 | Seal | 1 | |
| 17 | 78321 | Rivet | 8 | |
| 18 | WS600091 | Washer spring | 1 | |
| 19 | WA600091L | Washer plain | 1 | |
| 20 | PS612080 | Pin split | 1 | |

Note(1) Chain retained tailboard
Note(2) Cable retained tailboard

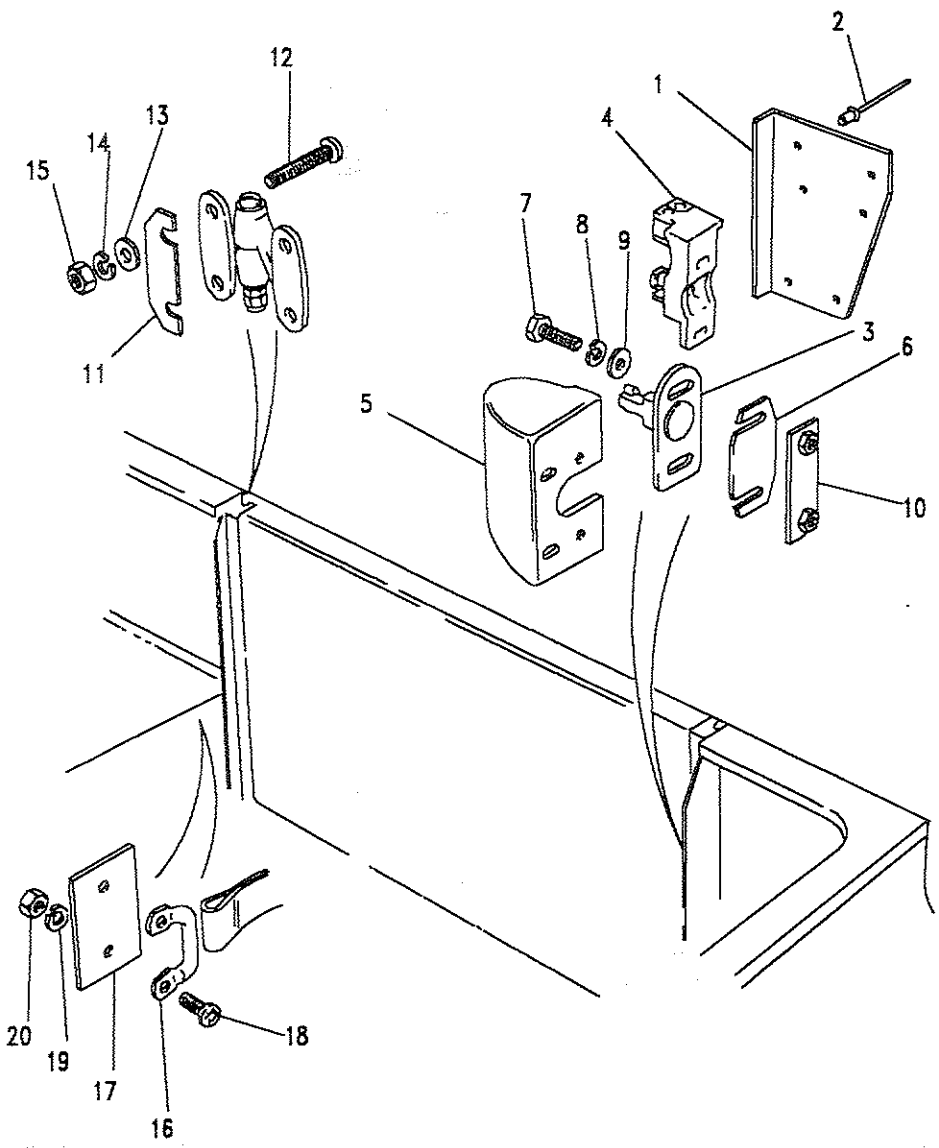



**Model** DEFENDER 90
**Page** ADNXIA2A

## BODY - TAILBOARD - SIDE HINGED

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC8707 | Tailboard | 1 | |
| 2 | 346341 | Hinge | 2 | |
| 3 | 257450 | Nut capped | 2 | |
| 4 | WA106041L | Washer plain | 2 | |
| 5 | SE108601 | Screw | 4 | |
| 6 | WC108051L | Washer plain | 1 | |
| 7 | WA108051L | Washer plain | 2 | |
| 8 | WL108001L | Washer spring | 4 | |
| 9 | NY108041L | Nut | 4 | |
| 10 | MUC1028 | Lock | 1 | Note(1) |
| 11 | 395041 | Lock | 1 | Note(1) |
| | | Barrel lock and keys | | Note(2) |
| | | Key blank | | Note(2) |
| 12 | SE106201L | Screw | 4 | |
| 13 | WA106041L | Washer plain | 10 | |
| 14 | WL106001L | Washer spring | 4 | |
| 15 | NY106041L | Nut | 4 | |
| 16 | SE106501 | Screw | 5 | Redundant holes |
| 17 | WA106041L | Washer plain | 10 | |
| 18 | WL106001L | Washer spring | 5 | |
| 19 | NY106041L | Nut | 5 | |
| 20 | 79086 | Rivet | 1 | Redundant holes |
| 21 | 303975 | Seal | 1 | |
| 22 | RT612283 | Rivet | 8 | |
| 23 | MTC7523 | Cleat | 1 | |
| 24 | 398776 | Check strap | 1 | |

Note(1) Alternatives - check before ordering
Note(2) Refer to page 861

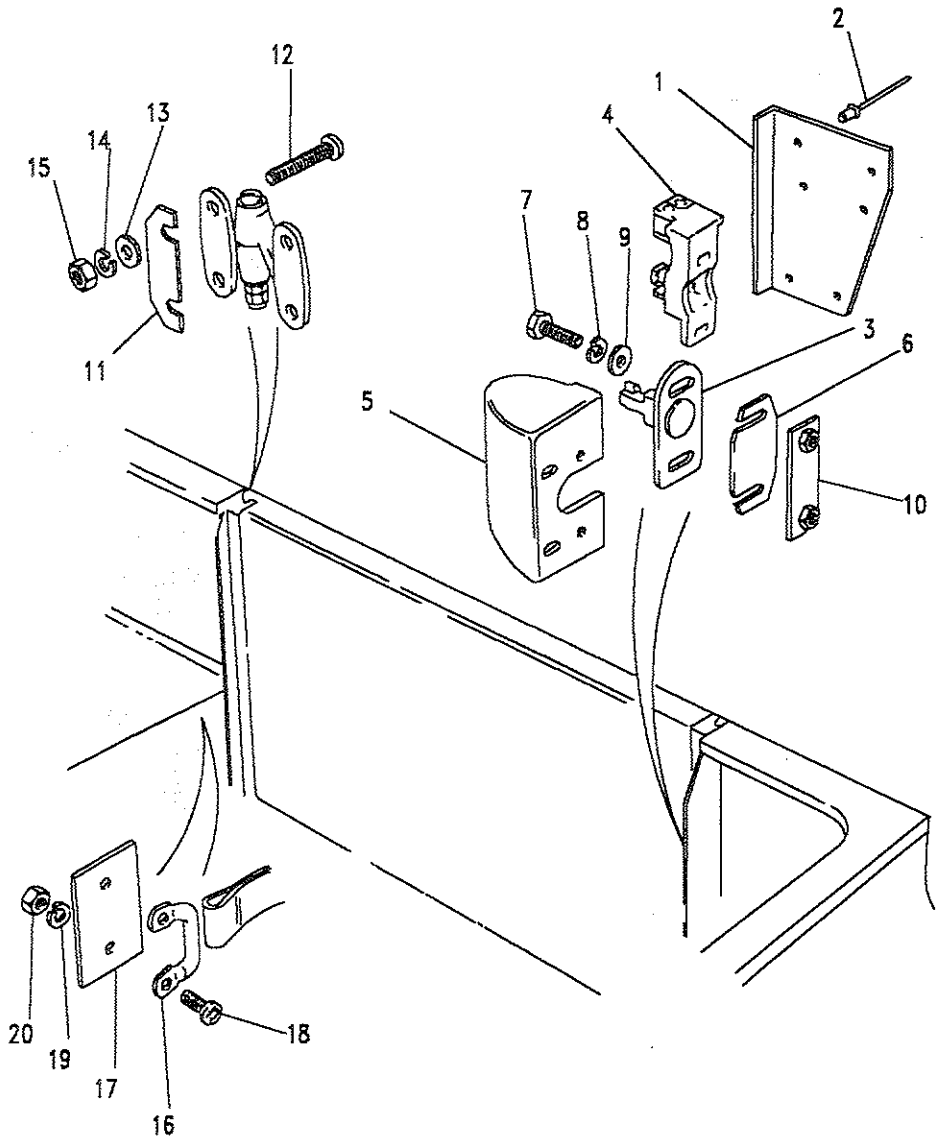



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**Page** ADNXIA3A

## BODY - TAILBOARD - SIDE HINGED

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC9154 | Corner bracket RH | 1 | |
| | MUC9155 | Corner bracket LH | 1 | |
| 2 | 78248 | Rivet | 5 | |
| 3 | MRC8444 | Striker lock | 1 | Note(1) |
| 4 | 395294 | Striker lock | 1 | Note(2) Upto KA929577 |
| | ALR4652 | Striker lock | 1 | From KA929578 |
| 5 | MRC9006 | Shroud | 1 | |
| 6 | 347594 | Shim | A/R | |
| 7 | SH106351L | Screw | 2 | Note(3) |
| | FS106201L | Flange screw | 2 | Note(4) |
| 8 | WL106001L | Washer spring | 2 | |
| 9 | WA106041L | Washer plain | 2 | Note(3) |
| | AFU1259 | Washer plain | 2 | Note(4) |
| 10 | MRC9431 | Nut plate | 1 | |
| 11 | 395463 | Plate cover | 1 | Upper hinge |
| 12 | SE108251 | Screw | 4 | |
| 13 | WA108051L | Washer plain | 4 | |
| 14 | WL108001L | Washer spring | 4 | |
| 15 | FN108041L | Nut | 4 | |

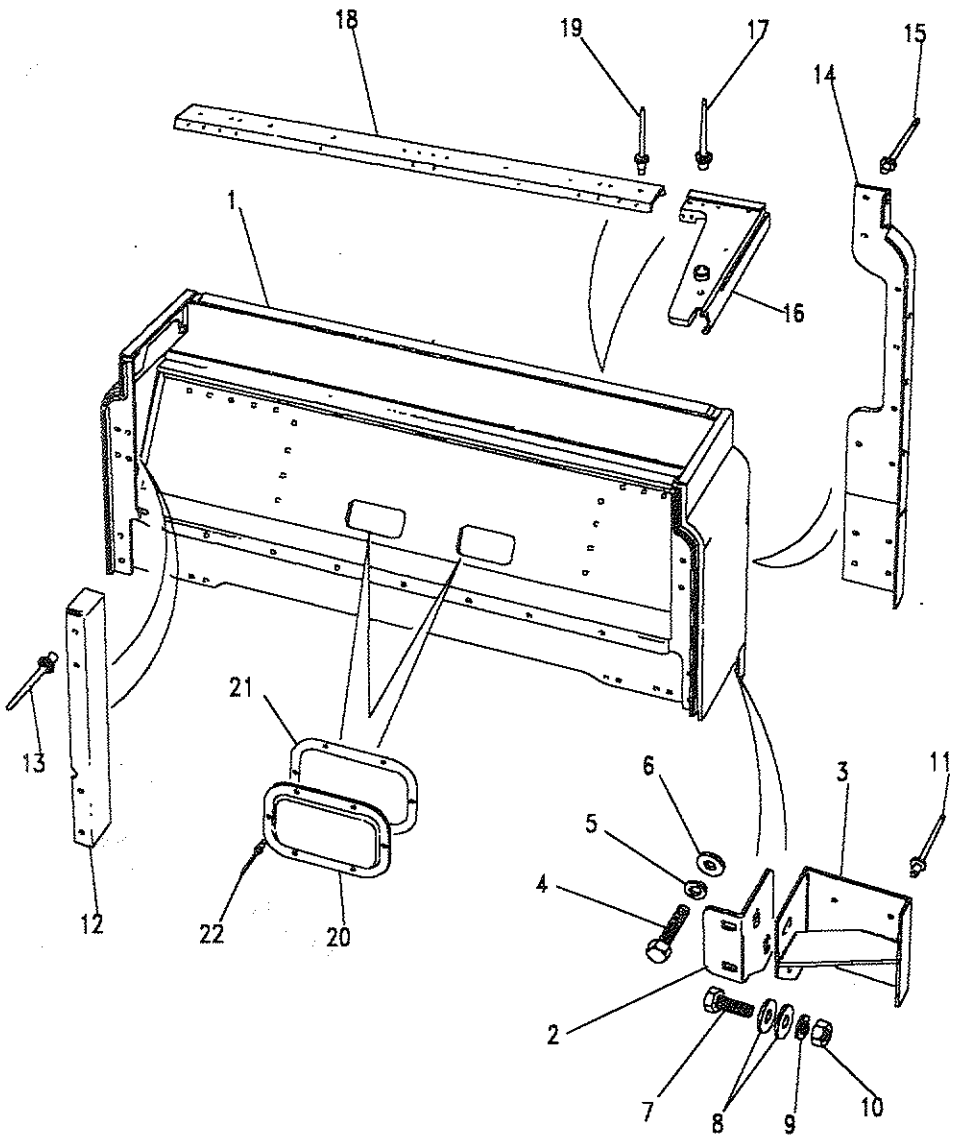
Note(1) Use with Lock MUC1028
Note(2) Use with Lock 395041
Note(3) Use with Striker MRC8444
Note(4) Use with Striker 395294




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**Page** ADNXIA3A

**BODY - TAILBOARD - SIDE HINGED**

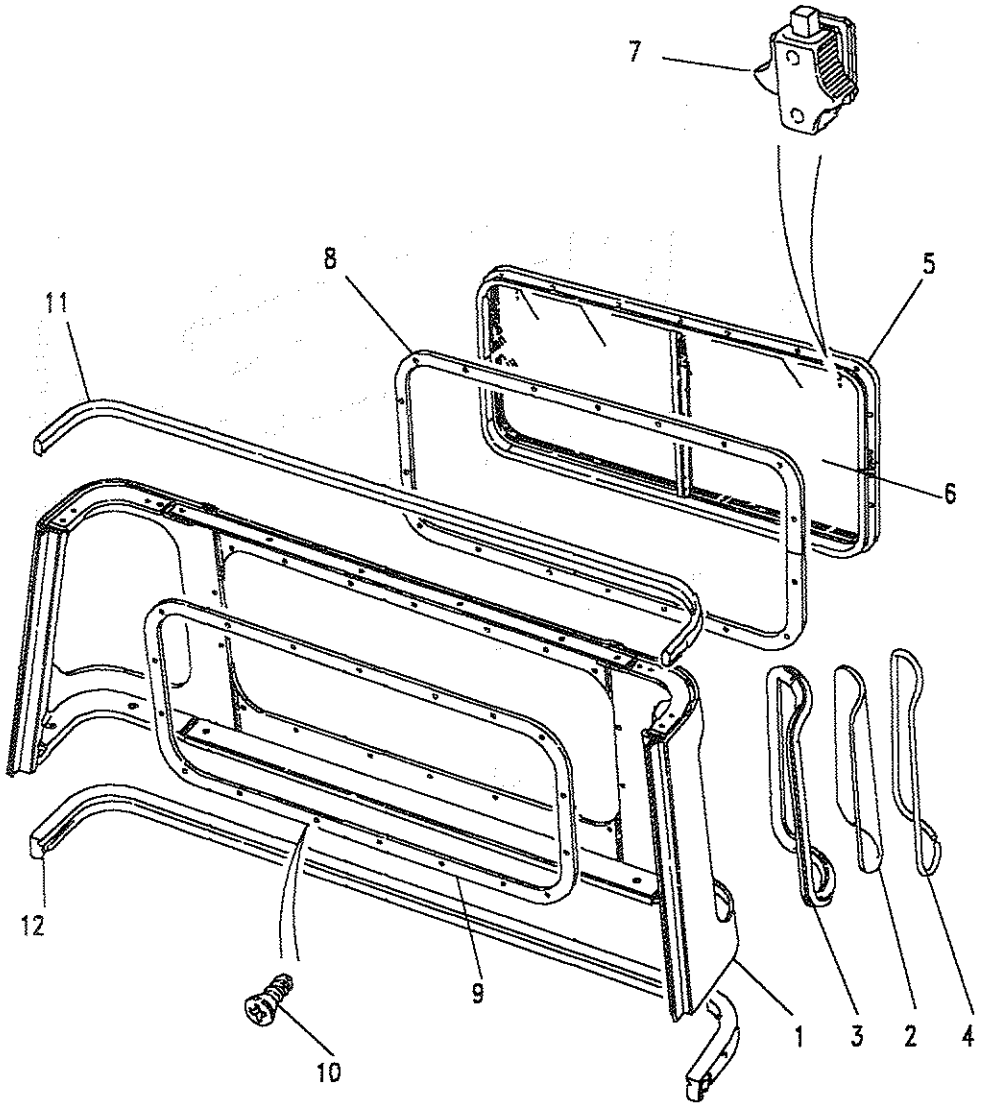
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 16 | MTC7523 | Cleat | 1 | |
| 17 | MTC7525 | Plate spreader | 1 | |
| 18 | SE108201L | Screw | 2 | |
| 19 | WL108001L | Washer spring | 2 | |
| 20 | FN108041L | Nut | 2 | |




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**Page** ADNXJA1A

**BODY - CAB BASE ASSEMBLY**

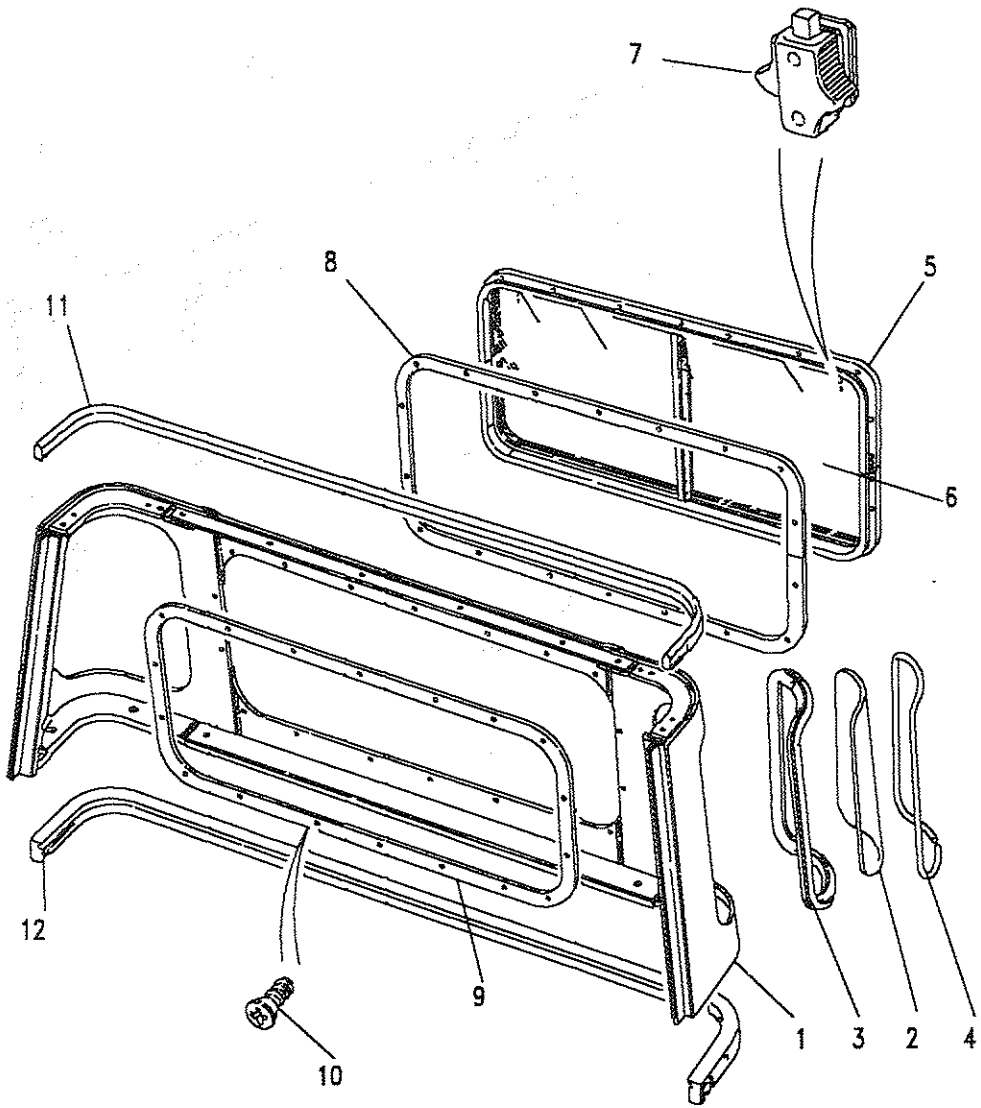
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MWC9340 | Cab base assembly | 1 | |
| 2 | MTC2106 | Angle mounting RH | 1 | |
| | MTC2107 | Angle mounting LH | 1 | |
| 3 | MTC2224 | Angle reinforcing RH | 1 | |
| | MTC2225 | Angle reinforcing LH | 1 | |
| 4 | FS106167L | Screw | 4 | |
| 5 | WL106001L | Washer spring | 4 | |
| 6 | WA106041L | Washer plain | 4 | |
| 7 | FS106167L | Screw | 4 | |
| 8 | MRC5527 | Washer plain | 8 | |
| 9 | WL106001L | Washer spring | 4 | |
| 10 | NH106041L | Nut | 4 | |
| 11 | 78248 | Rivet | 8 | |
| 12 | MWC1820 | Stiffener door pillar RH | 1 | |
| | MWC1821 | Stiffener door pillar LH | 1 | |
| 13 | AFU1350 | Monobolt | 4 | |
| 14 | MUC8756 | Angle corner protectn LH | 1 | Up to Jan 1994 |
| | MUC8755 | Angle corner protectn RH | 1 | Up to Jan 1994 |
| | ALR1466 | Angle corner protectn LH | 1 | From Jan 1994 |
| | ALR1467 | Angle corner protectn RH | 1 | From Jan 1994 |
| 15 | 78248 | Rivet | 26 | |
| 16 | MWC3321 | Capping corner LH | 1 | |
| | MWC3320 | Capping corner RH | 1 | |
| 17 | 78248 | Rivet | 8 | |
| 18 | MWC2938 | Capping bulkhead | 1 | |
| 19 | RU612373L | Rivet | 39 | |
| 20 | MUC6519 | Plate cover cab base | 2 | |
| 21 | MWC2129 | Gasket | 2 | |
| 22 | 78248 | Rivet | 12 | |




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**BODY - CAB REAR PANEL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6222 | Panel rear cab | 1 | |
| 2 | MTC3461 | Glass rear quarter RH | 1 | Note(1) |
| | MTC3462 | Glass rear quarter LH | 1 | Note(1) |
| | MWC4710 | Glass rear quarter RH | 1 | Note(2) |
| | MWC4711 | Glass rear quarter LH | 1 | Note(2) |
| 3 | 330790 | Weatherstrip | 2 | Note(1) |
| | MWC4773 | Weatherstrip | 1 | Note(2) Upto KA926006 |
| | ALR3966 | Glazing strip | 1 | From KA926007 |
| 4 | 330791 | Fillerstrip | 2 | |
| 5 | MTC5197 | Window assembly | 1 | Note(1) |
| 6 | MTC6544 | Glass sliding | 2 | |
| 7 | AEU2805 | Catch LH | 1 | |
| | AEU2806 | Catch RH | 1 | |
| 5 | ALR5080 | Window assembly | 1 | |
| 6 | MWC4726 | Glass sliding | 2 | |
| 7 | MWC7625 | Catch LH | 1 | |
| | MWC7648 | Catch RH | 1 | |
| | MWC7620 | Felt sliding glass | 2 | |
| | MWC7652 | Seal draught rail | 1 | |




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**Page** ADNXJC1A

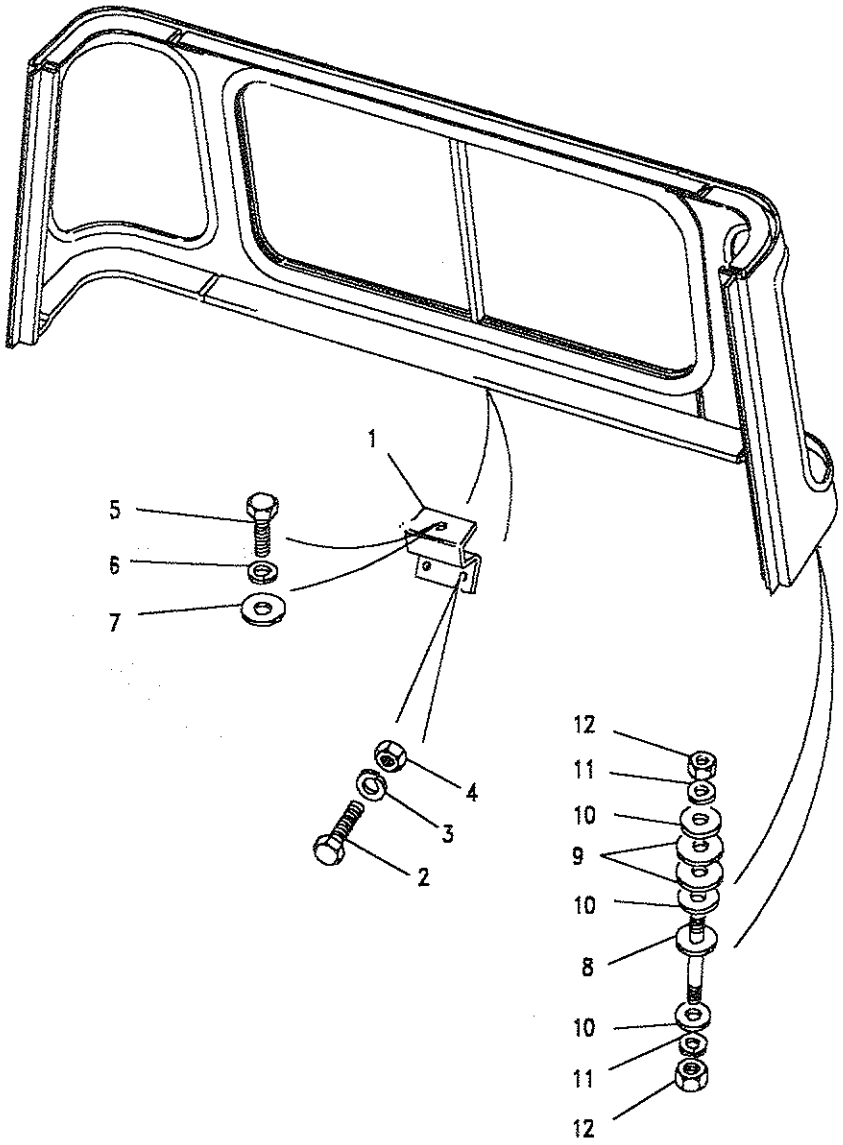
## BODY - CAB REAR PANEL

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 8 | MTC6233 | Seal window | 1 | Upto 308446 |
| | MWC7641 | Seal window | 1 | From 308447 |
| 9 | MTC6232 | Finisher window | 1 | Upto KA930143 |
| 10 | AS604044 | Screw | 18 | Upto KA930143 |
| | RU610253 | Rivet | 18 | From KA930144 |
| 11 | 334614 | Seal upper | 1 | |
| 12 | 333486 | Seal lower | 1 | Upto HA479307 |
| | ALR1161 | Seal lower | 1 | From HA479308 Upto KA925389 |
| | ALR5057 | Seal waist | 1 | From KA925390 |

**Finisher - Top corner flanges of panel rear cab**

| | | |
|---|---|---|
| MTC7513 | Strip edging | A/R |

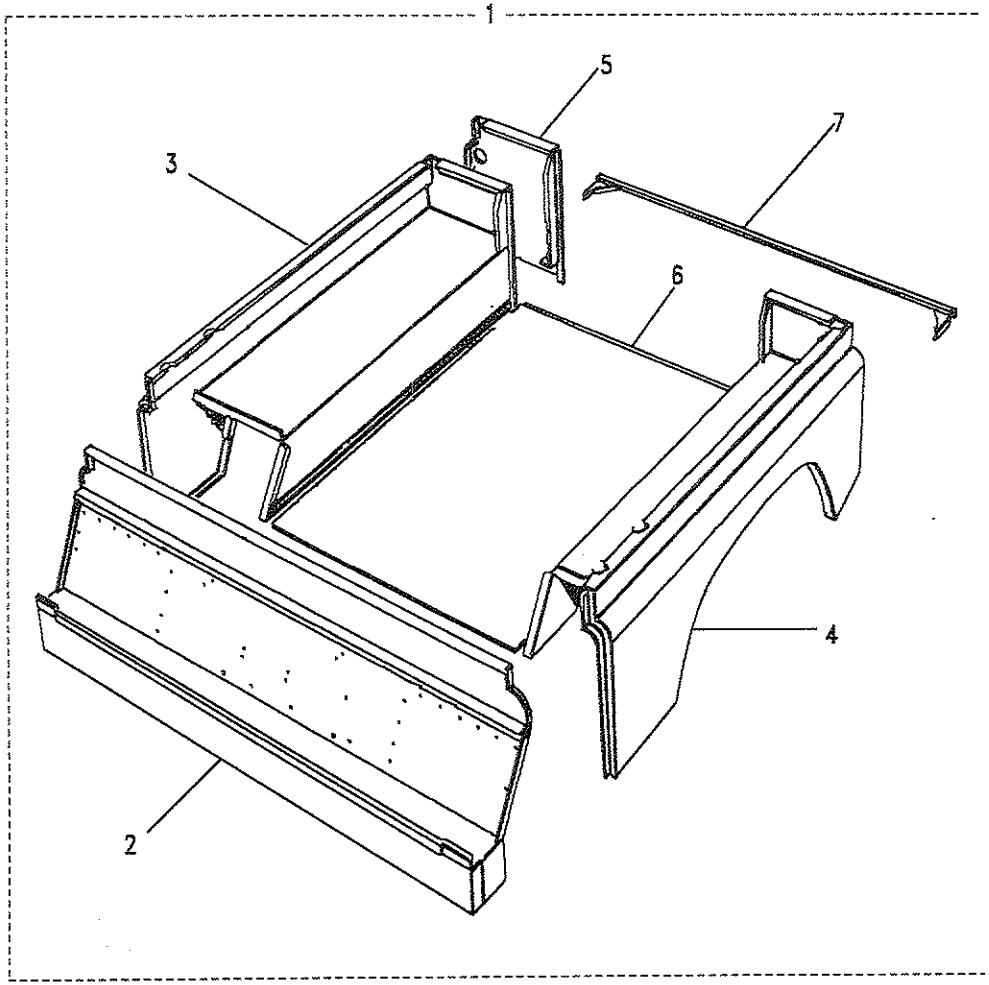
Note(1) 5mm Glass - Upto 340456
Note(2) 4mm Glass - From 340457




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**Page** ADNXJC2A

**BODY - CAB REAR PANEL**

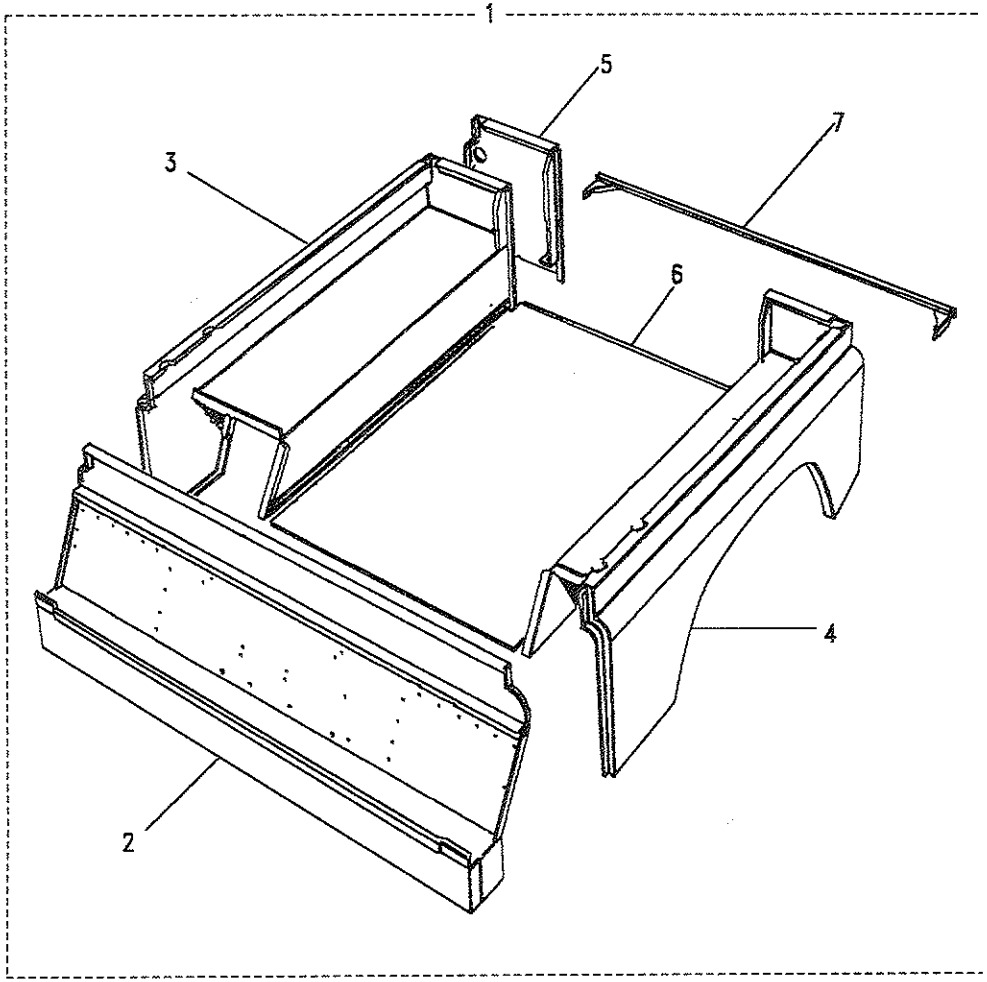
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 336577 | Bracket | 4 | |
| 2 | SH106251L | Screw | 8 | |
| 3 | WL106001L | Washer spring | 8 | |
| 4 | NH106041L | Nut | 8 | |
| 5 | SH607091L | Screw | 4 | |
| 6 | WM600071L | Washer spring | 4 | |
| 7 | 4580 | Washer plain | 4 | |
| 8 | 330762 | Stud mounting | 2 | 5/16" UNF |
| 9 | WP185L | Washer plain | 4 | |
| 10 | 3829 | Washer plain | 6 | |
| 11 | WM600051L | Washer spring | 4 | |
| 12 | NH605041L | Nut | 4 | |
| | MUC8928 | Stud mounting M8 | 2 | ) |
| | WP185L | Washer plain | 4 | ) |
| | WC112081L | Washer plain | 6 | )Alternative |
| | WL108001L | Washer spring | 4 | ) |
| | FN108041L | Nut | 4 | ) |




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## BODY - REAR BODY LOWER

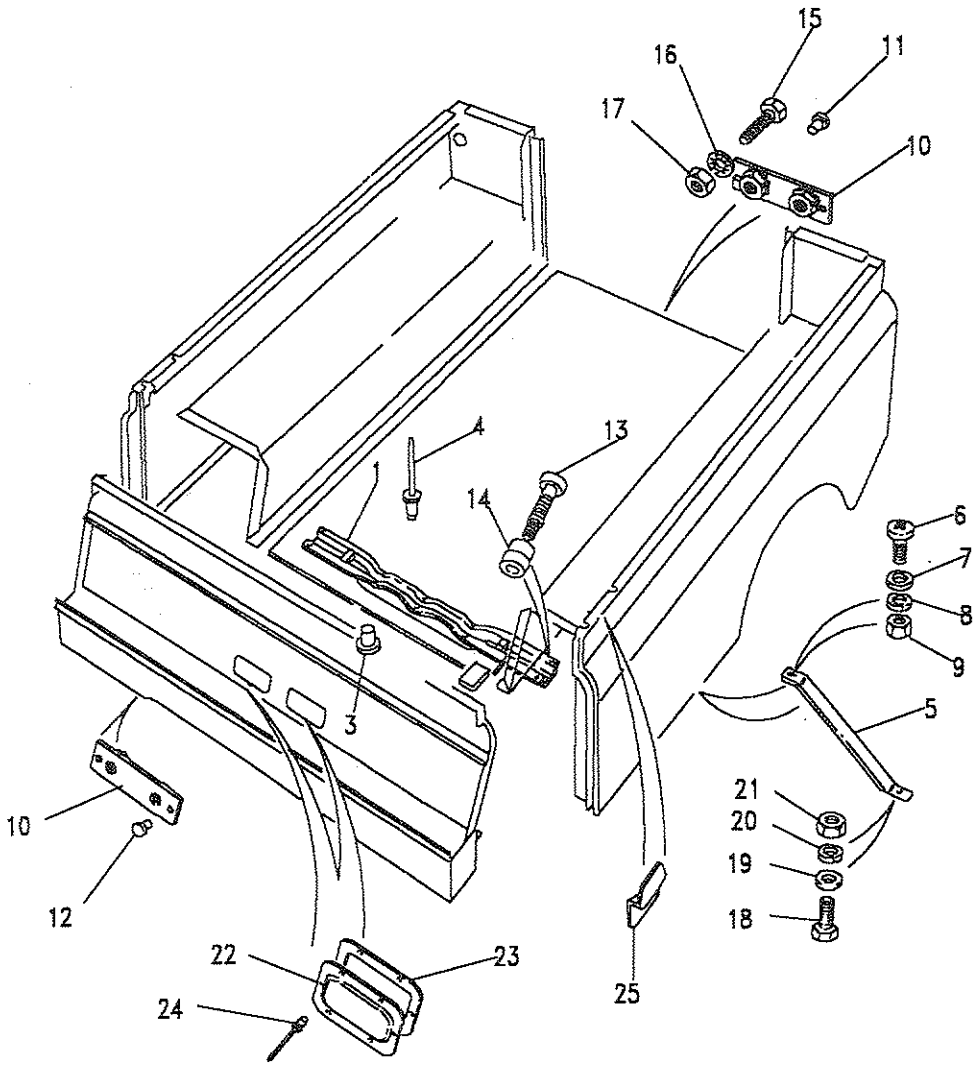
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC6280 | Body rear lower assembly | 1 | Up to LA939975 |
| | ALR5985 | Body rear lower assembly | 1 | From MA939976 |
| | ALR5921 | Body rear lower assembly | 1 | 90SV |
| 2 | RTC6246 | Panel front | 1 | |
| | ALR5937 | Panel front | 1 | 90SV |
| 3 | RTC6281 | Bodyside & wheelarch RH | 1 | |
| | RTC6282 | Bodyside & wheelarch LH | 1 | |
| **90SV Only** | | | | |
| | ALR5922 | Bodyside & wheelarch RH | 1 | |
| | ALR5923 | Bodyside & wheelarch LH | 1 | |
| **Without rope cleats** | | | | |
| 4 | RTC6283 | Panel bodyside RH | 1 | |
| | RTC6284 | Panel bodyside LH | 1 | |
| **With rope cleats** | | | | |
| | RTC6258 | Bodyside assy | 1 | |
| | RTC6284 | Panel bodyside LH | 1 | Use 301328 (x6) als |
| **90SV Only** | | | | |
| | STC1617 | Panel bodyside RH | 1 | |
| | STC1616 | Panel bodyside LH | 1 | |




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## BODY - REAR BODY LOWER

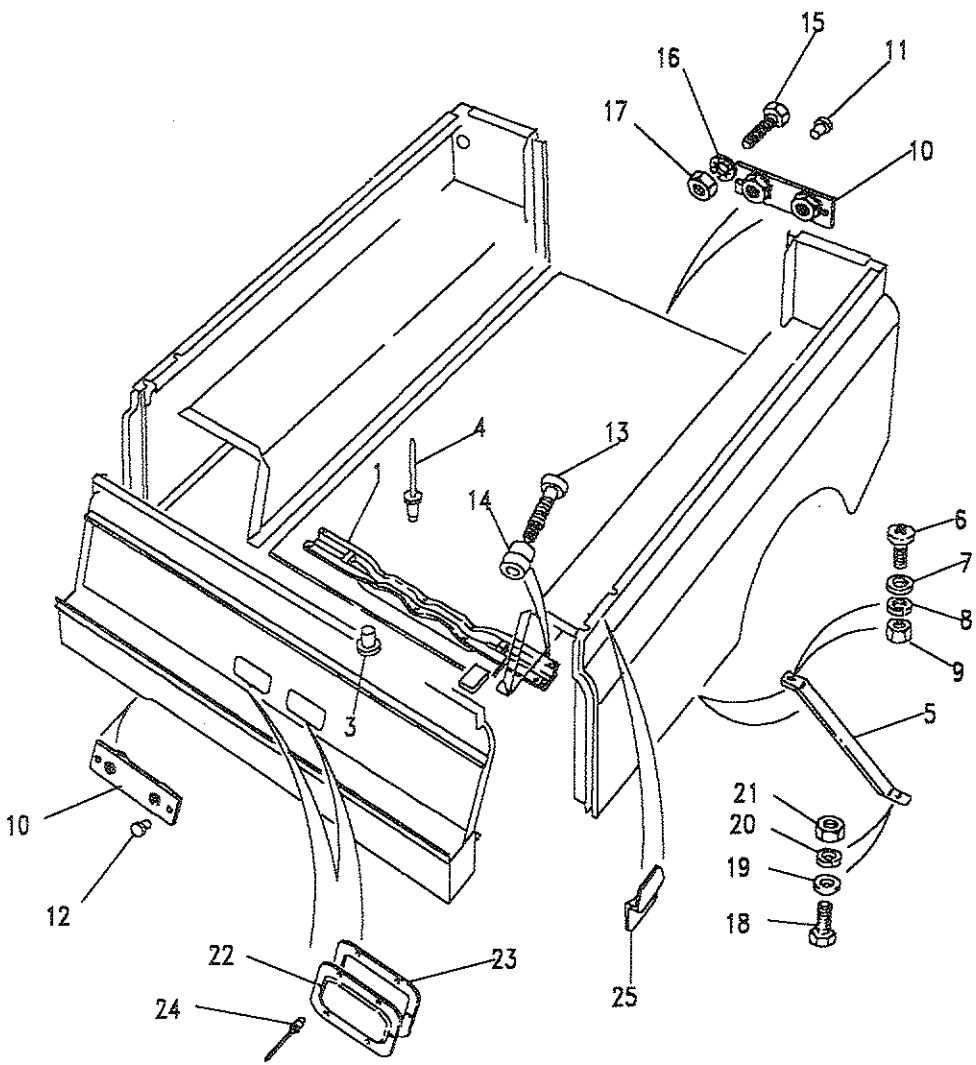
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **All variants except 90SV** | | | | |
| 5 | MTC7980 | Panel rear end RH | 1 | )Up to |
| | MTC7981 | Panel rear end LH | 1 | )LA939975 |
| | STC1854 | Panel rear end RH | 1 | )From |
| | STC1855 | Panel rear end LH | 1 | )MA939976 |
| **90SV Only** | | | | |
| | STC922 | Panel rear end RH | 1 | |
| | STC923 | Panel rear end LH | 1 | |
| **All variants** | | | | |
| 6 | MTC8184 | Plate floor | 1 | |
| 7 | 330271 | Angle mounting rear | 1 | |
| | ALR5685 | Angle mounting rear | 1 | 90SV |
| | 78248 | Rivet | A/R | |
| | RU612373L | Rivet | A/R | |




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**BODY - REAR BODY LOWER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC8949 | Crossmember | 3 | |
| 2 | 332582 | Pad mounting | 6 | |
| 3 | RU612373L | Rivet | 12 | |
| 4 | 78248 | Rivet | 12 | |
| 5 | MUC9220 | Stay | 2 | |
| 6 | FS106201L | Flange screw | 2 | |
| 7 | WA106041L | Washer plain | 4 | |
| 8 | WL106001L | Washer spring | 2 | |
| 9 | NH106041L | Nut | 2 | |
| 10 | MRC8736 | Nut plate | 5 | |
| 11 | RB610082 | Rivet | 6 | |
| 12 | 78248 | Rivet | 4 | |
| 13 | 79281 | Pin | A/R | |
| | 79283 | Pin | A/R | |
| | 79293 | Pin | A/R | |
| 14 | 79289 | Collar | A/R | |
| | AAU6774 | Collar | A/R | Alternative |

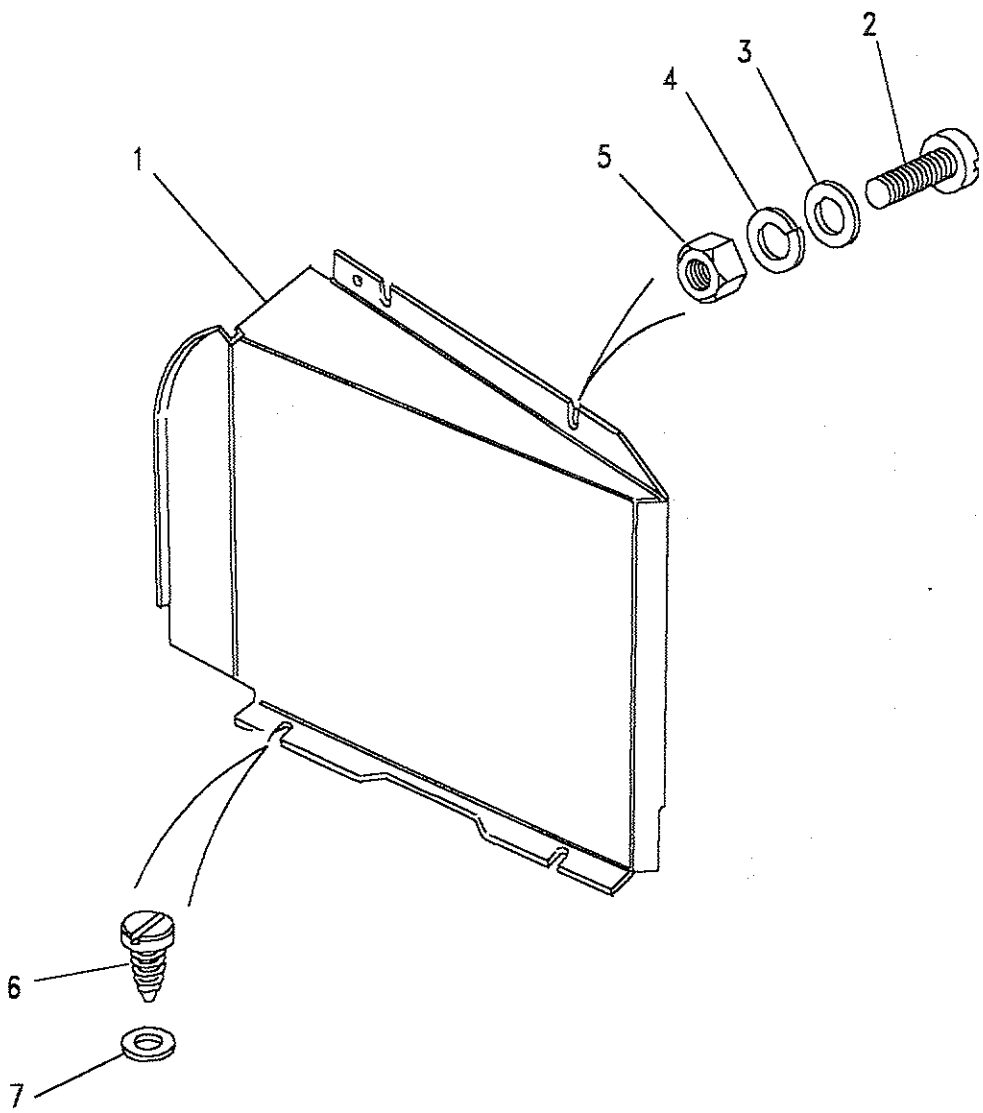



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**BODY - REAR BODY LOWER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | FS108201L | Screw | 8 | |
| | SH108301L | Screw | 4 | |
| | WA108051L | Washer plain | 8 | |
| | WL108001L | Washer spring | 8 | |
| | FN108041L | Nut | 8 | |
| 15 | SX108251 | Screw | 10 | |
| | SE108251 | Screw | 12 | Germany |
| 16 | WF600051L | Washer shakeproof | 14 | |
| 17 | FN108041L | Nut | 10 | |
| | FS108201L | Screw | 6 | |
| | FN108041L | Nut | 6 | |
| | FS108201L | Screw | 6 | |
| | FN108041L | Nut | 6 | |
| 18 | FS106201L | Flange screw | 2 | |
| 19 | WA106041L | Washer plain | 4 | |
| 20 | WL106001L | Washer spring | 2 | |
| 21 | NH106041L | Nut | 2 | |
| 22 | MUC6519 | Plate cover | 2 | |
| 23 | MWC2129 | Gasket | 2 | |
| 24 | 78248 | Rivet | 12 | |
| 25 | 301328 | Rope cleat | 6 | Note(1) |
| | MUC3932 | Cover rope cleat | 6 | Germany |

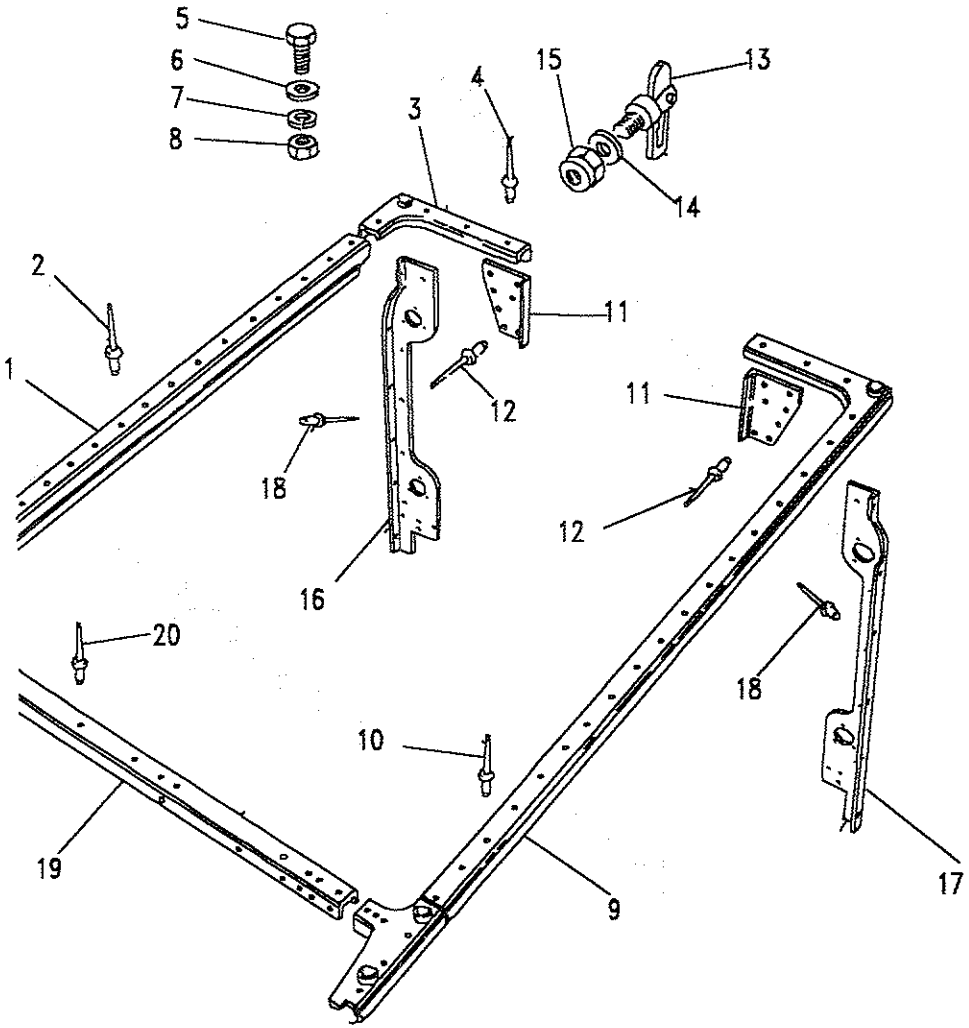
Note(1) Vehicles with Hood Assembly




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**BODY - REAR BODY LOWER**

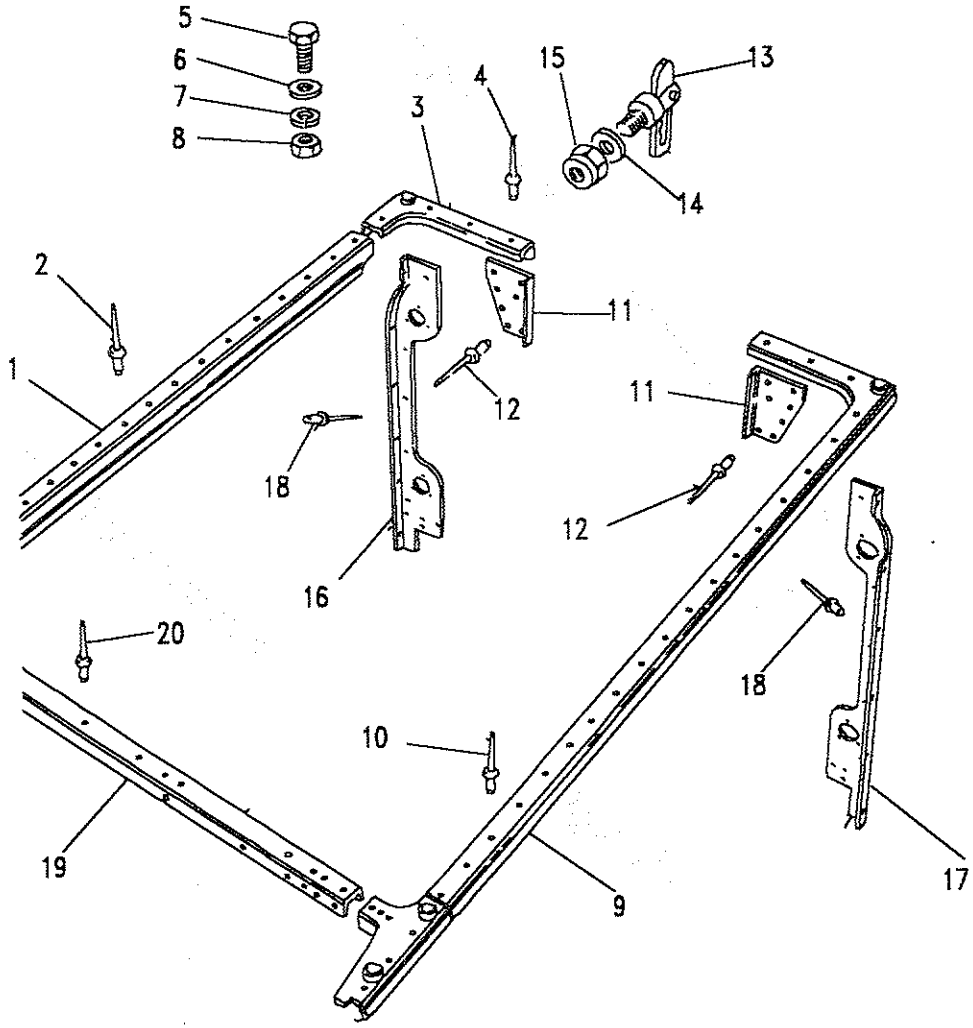
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Cover Panels - Rear Lamps** | | | | |
| 1 | MTC7878 | Panel cover RH | 1 | |
| | MTC7879 | Panel lh | 1 | |
| 2 | SP105121 | Screw | 4 | |
| 3 | WC105001L | Washer plain | 4 | |
| 4 | WL105001L | Washer spring | 4 | |
| 5 | NM105011 | Nut | 4 | |
| 6 | AB608031L | Screw | 4 | |
| 7 | WC105001L | Washer plain M5 | 4 | |




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**BODY - REAR BODY LOWER**

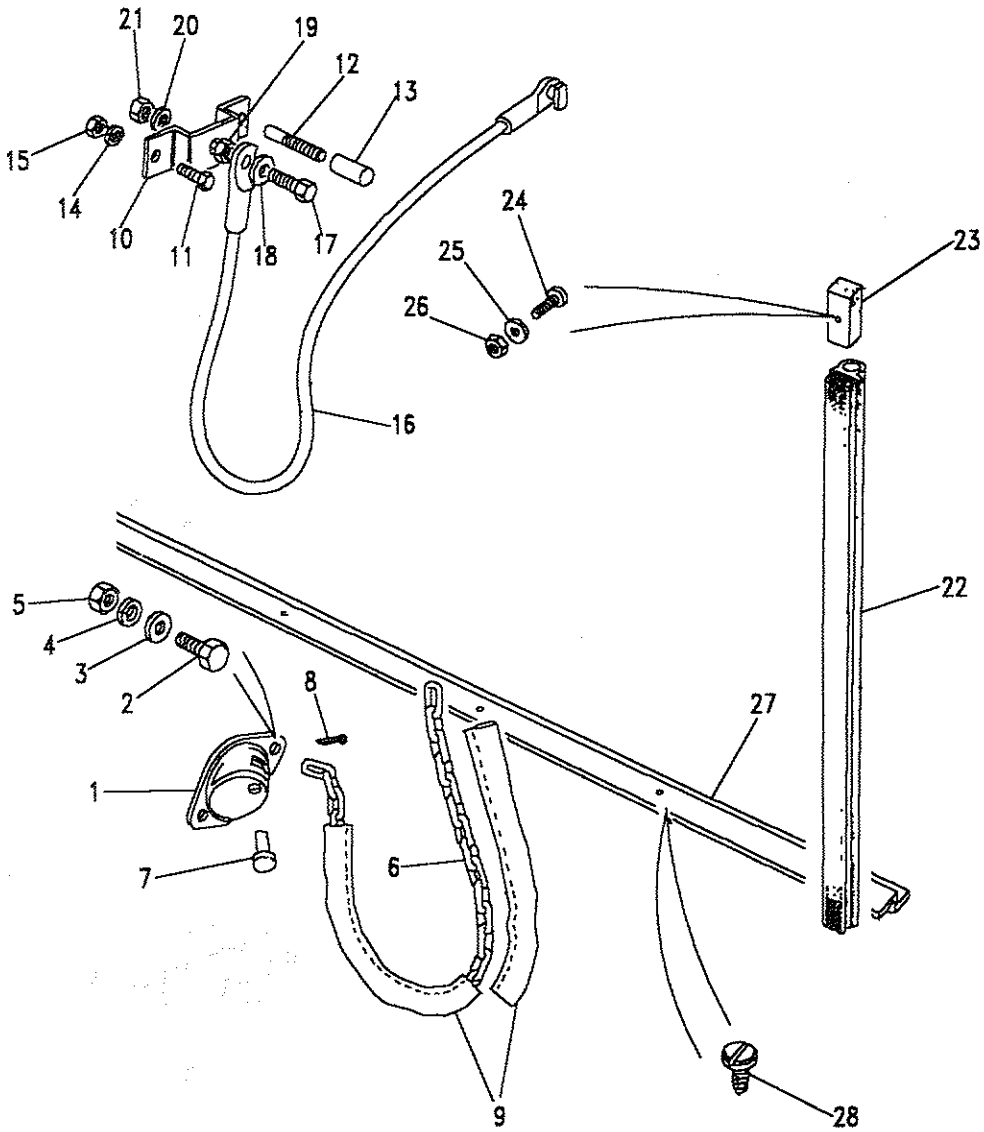
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MWC4686 | Top capping RH | 1 | |
| | MWC4687 | Top capping LH | 1 | |
| 2 | 78248 | Rivet | 30 | |
| 3 | MWC3316 | Corner capping RH | 1 | |
| | MWC3317 | Capping bodyside | 1 | |
| 4 | 78248 | Rivet | 8 | |
| | RU612373L | Rivet | 4 | |
| 5 | FS106201L | Flange screw | 2 | |
| 6 | WA106001L | Washer plain | 4 | |
| 7 | WL106001L | Washer spring | 2 | |
| 8 | NH106041L | Nut | 2 | |
| 9 | MXC5978 | Capping RH | 1 | |
| | MXC5979 | Capping bodyside | 1 | |
| | ALR5513 | Capping bodyside RH | 1 | 90SV |
| | ALR5514 | Capping bodyside LH | 1 | 90SV |
| 10 | 78248 | Rivet | 30 | |
| | RU612373L | Rivet | 10 | |
| **Vehicles with tailboard** | | | | |
| 11 | MUC8730 | Corner bracket RH | 1 | |
| | MUC8731 | Corner bracket LH | 1 | |
| **Vehicles with rear end door** | | | | |
| | MUC9154 | Corner bracket RH | 1 | |
| | MUC9155 | Corner bracket LH | 1 | |
| 12 | 78248 | Rivet | 8 | |




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**Page** ADNXKC4A

## BODY - REAR BODY LOWER

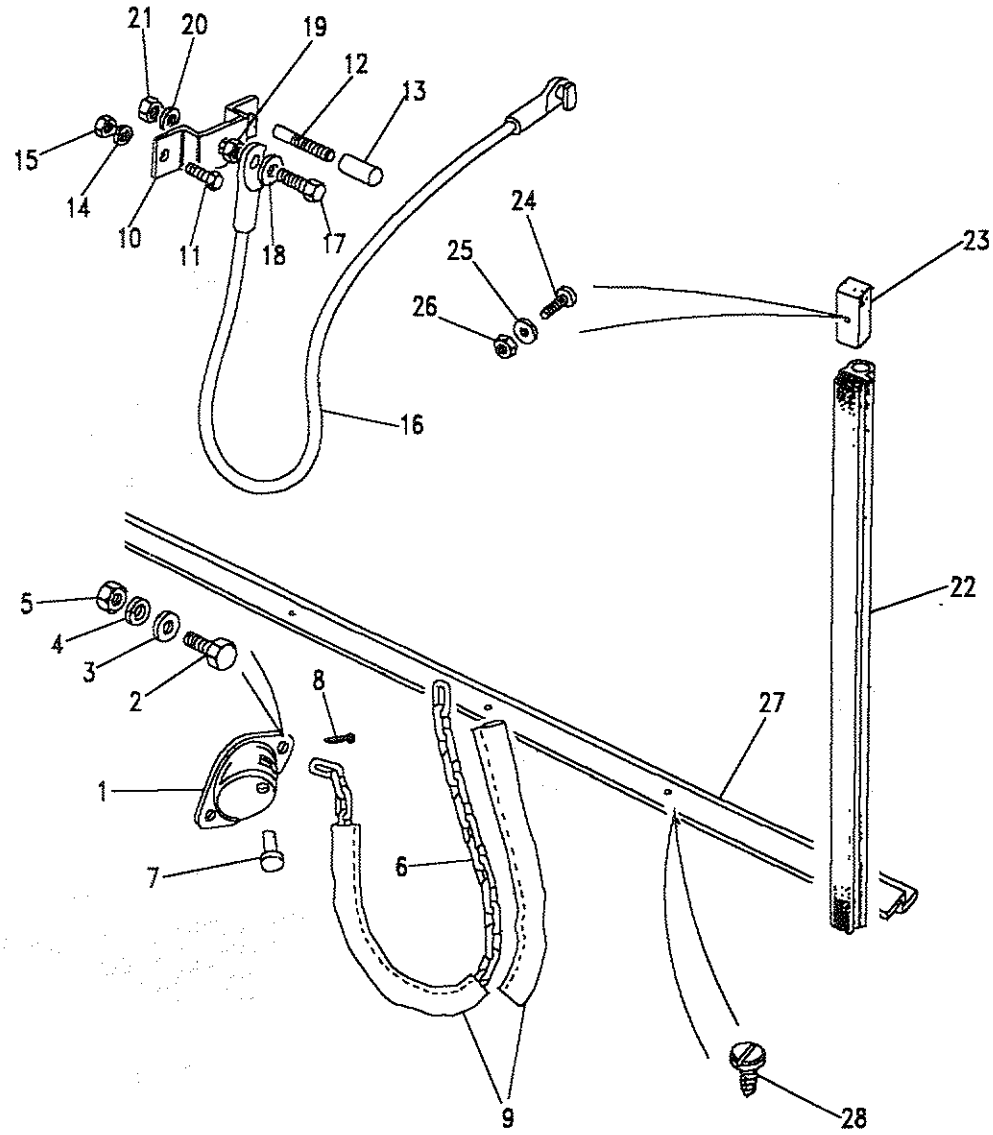
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | MUC8748 | Antiluce Cotter | 2 | |
| 14 | WA112081L | Washer plain | 2 | |
| 15 | NY112041L | Nut | 2 | |
| 16 | MUC8716 | Angle protection RH | 1 | )Up to |
| 17 | MUC8717 | Angle protection LH | 1 | )March 1990 |
| 16 | MXC8934 | Angle protection RH | 1 | )From |
| 17 | MXC8935 | Angle protection LH | 1 | )March 1990 )Up to LA939975 |
| | ALR7128 | Angle protection RH | 1 | )From |
| | ALR7129 | Angle protection LH | 1 | )MA939976 |
| 18 | 78248 | Rivet | 30 | |
| 19 | MWC2938 | Capping front panel | 1 | |
| 20 | RU612373L | Rivet | 39 | |
| **Germany** | | | | |
| | MTC7513 | Strip edging | A/R | |
| | MTC8334 | Cover lower end | 2 | |
| | RU608313L | Rivet | 2 | |




**Model** DEFENDER 90
**Page** ADNXKC5A

**BODY - REAR BODY LOWER**

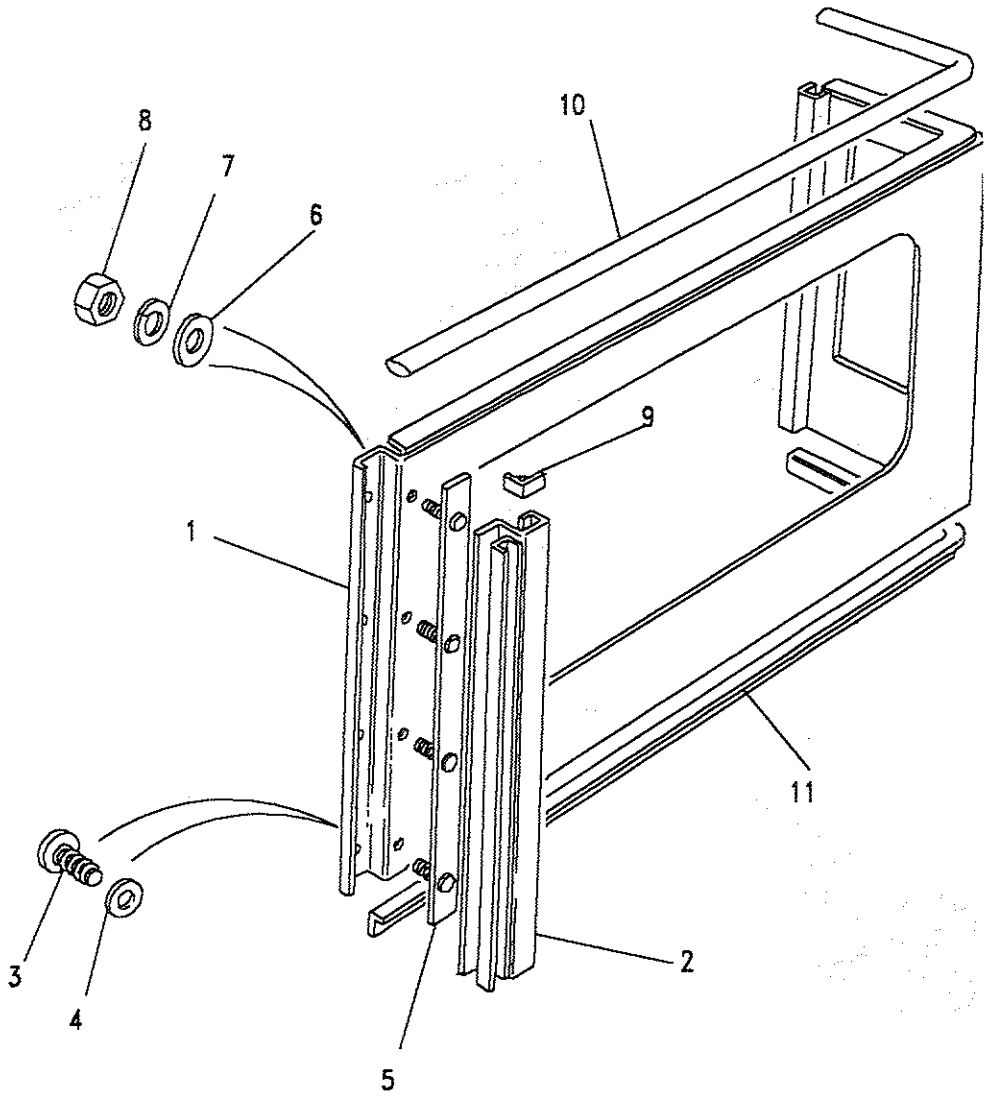
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Chain retained tailboard** | | | | |
| 1 | 302825 | Bracket chain | 2 | |
| 2 | FS106167L | Screw | 4 | |
| 3 | AFU1259 | Washer plain | 4 | |
| 4 | WL106001L | Washer spring | 4 | |
| 5 | NH106041L | Nut | 4 | |
| 6 | MTC1827 | Chain tailboard | 2 | |
| 7 | 302828 | Pin clevis | 2 | |
| 8 | 3958L | Pin split | 2 | |
| 9 | 330422 | Sleeve | 4 | |
| **Cable retained tailboard** | | | | |
| 10 | MUC8759 | Bracket cable | 2 | |
| 11 | FS106167L | Screw | 4 | Upto EA351222 |
| | FS106167L | Screw | 2 | From EA351223 |
| 12 | RRC5533 | Stud | 2 | From EA351223 |
| 13 | RRC5677 | Cap | 2 | From EA351223 |




**Model** DEFENDER 90
**Page** ADNXKC5A

**BODY - REAR BODY LOWER**

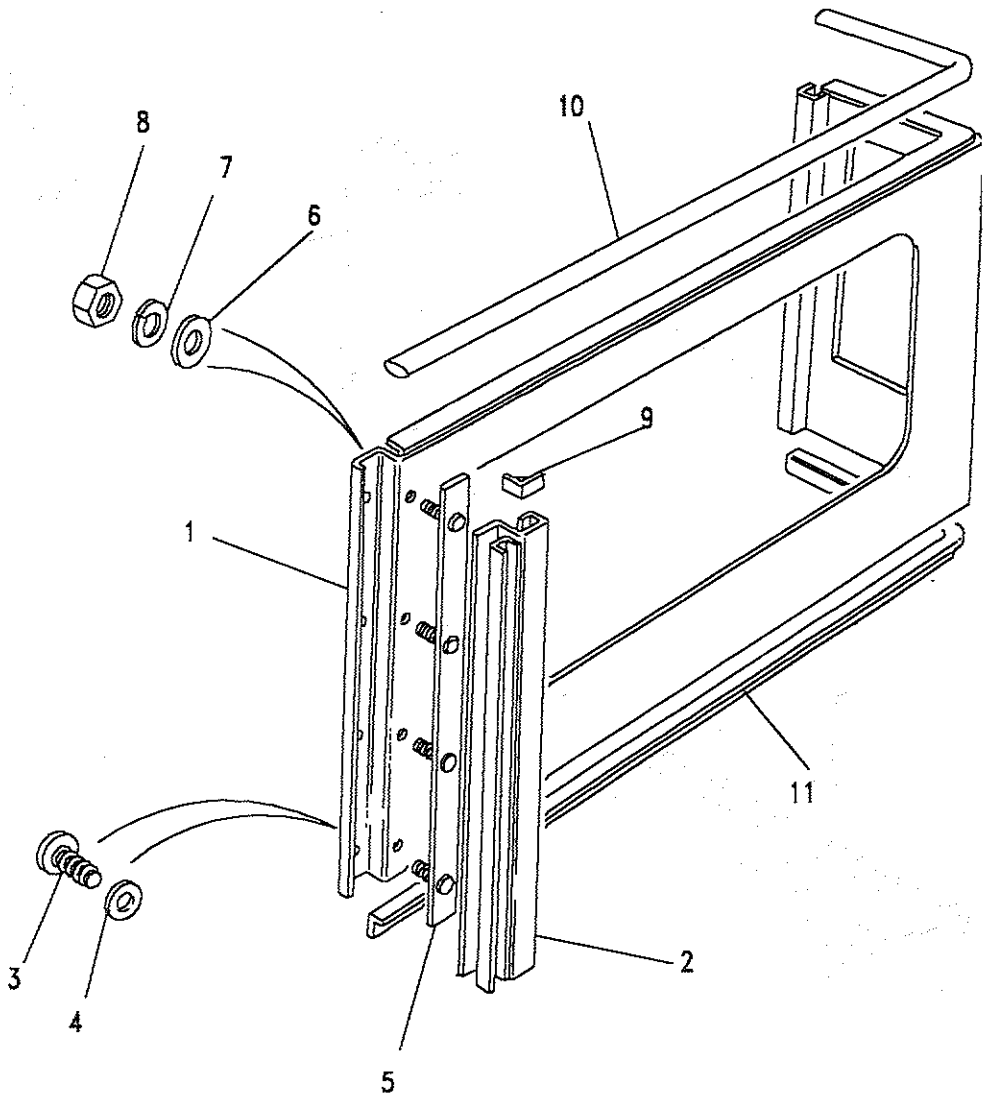
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 14 | WL106001L | Washer spring | 4 | |
| 15 | NH106041L | Nut | 4 | |
| 16 | RRC5539 | Cable tailboard | 2 | |
| 17 | FS108251L | Screw | 2 | |
| 18 | WC108051L | Washer plain | 2 | From EA351223 |
| 19 | NT108041L | Nut | 2 | From EA351223 |
| 20 | WA108051L | Washer plain | 2 | Upto EA351222 |
| 21 | FN108041L | Nut | 2 | Upto EA351222 |
| | WC108051L | Washer plain | 2 | From EA351223 |
| | NT108041L | Nut | 2 | From EA351223 |
| 22 | MTC4164 | Seal RH | 1 | |
| | MTC4165 | Seal LH | 1 | |
| 23 | 332146 | Buffer rubber | 2 | |
| 24 | SP104121 | Screw | 2 | |
| 25 | WC104001L | Washer plain | 2 | |
| 26 | NH104041L | Nut | 2 | |
| 27 | 330145 | Protector | 1 | |
| 28 | AB606041L | Screw | 7 | |




**Model** DEFENDER 90
**Page** ADNXLE1A

**BODY - REAR BODY UPPER**

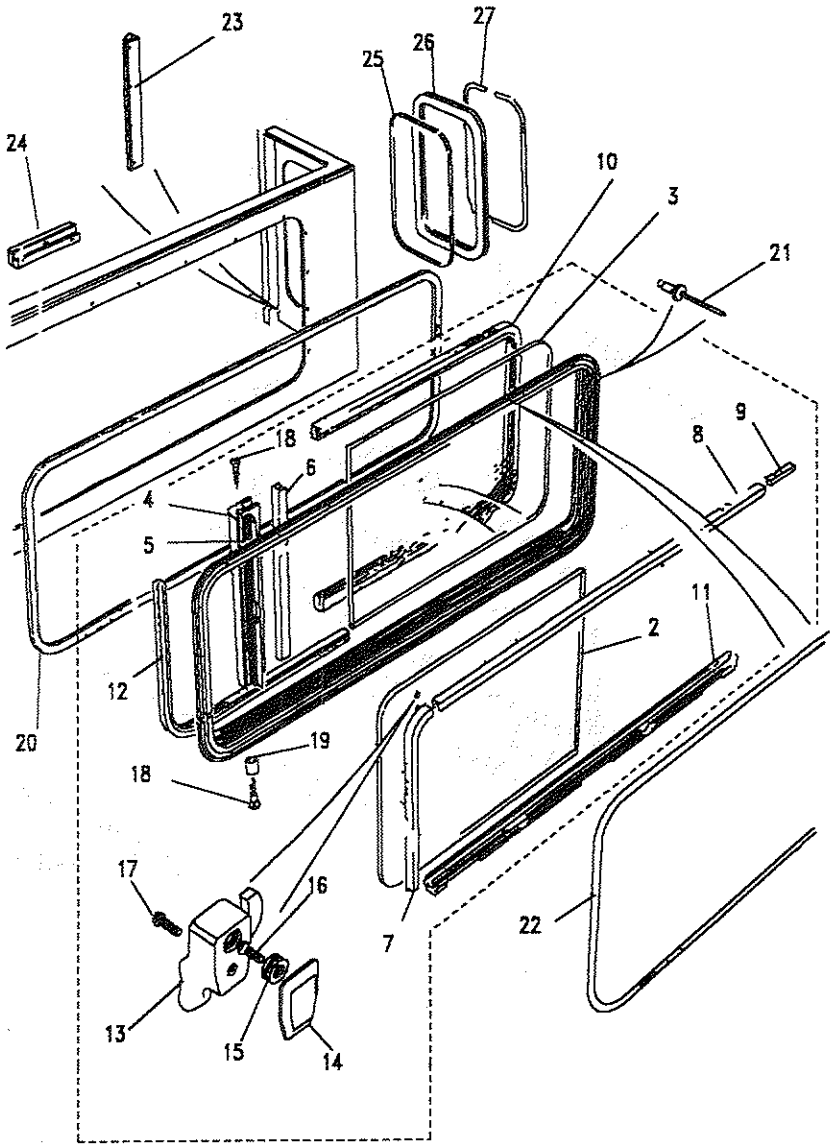
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **With aperature for end & side windows** | | | | |
| 1 | MWC9450 | Panel bodyside upper RH | 1 | |
| | MWC9451 | Panel bodyside upper LH | 1 | |
| **With aperature for end window only** | | | | |
| | MWC9452 | Panel bodyside upper RH | 1 | |
| | MWC9453 | Panel bodyside upper LH | 1 | |
| **No window aperatures** | | | | |
| | STC537 | Panel bodyside upper RH | 1 | )Up to |
| | STC538 | Panel bodyside upper LH | 1 | )FA |
| **All variants** | | | | |
| 2 | MTC5394 | Finisher/retainer RH | 1 | |
| | MTC5395 | Finisher/retainer LH | 1 | |
| 3 | 78832 | Screw | 6 | |
| 4 | AFU1080 | Washer plain | 6 | |
| 5 | 332065 | Stud plate 2BA | 2 | |
| 6 | 4034L | Washer plain | 8 | |
| 7 | WM702001L | Washer spring | 8 | |
| 8 | RTC608 | Nut | 8 | |
| | MUC3566 | Stud plate M5 | 2 | ) |
| | WA105001L | Washer plain | 8 | )Alternative |
| | WL105001L | Washer spring | 8 | ) |
| | NM105001 | Nut | 8 | ) |
| 9 | 332215 | Seal pillar | 4 | )Up to |




**Model** DEFENDER 90
**Page** ADNXLE1A

**BODY - REAR BODY UPPER**

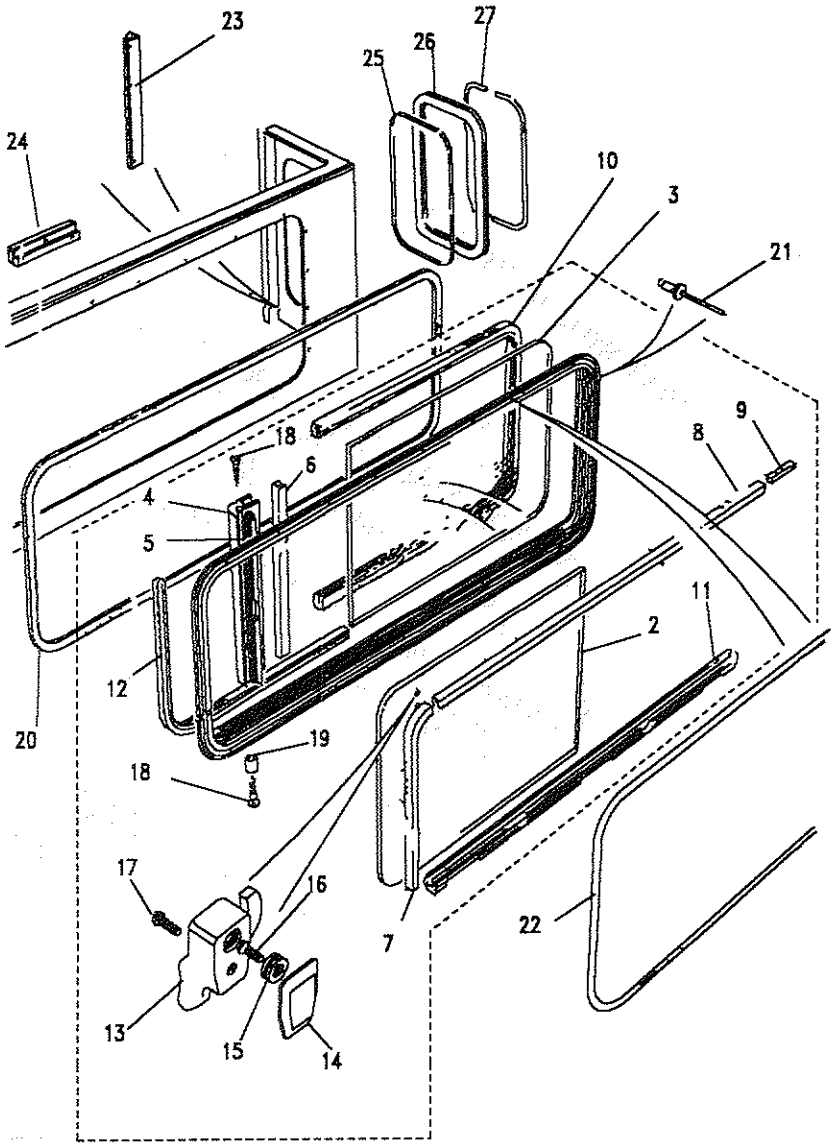
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 10 | MUC1006 | Seal upper RH | 1 | )FA |
| | MUC1007 | Seal upper LH | 1 | ) |
| | MXC3684 | Seal upper front RH | 1 | ) |
| | MXC3685 | Seal upper front LH | 1 | )From |
| | MXC3676 | Seal upper RH | 1 | )FA |
| | MXC3677 | Seal upper LH | 1 | ) |
| **Hard Top** | | | | |
| 11 | MUC1333 | Seal lower | 2 | Upto FA |
| | MXC2031 | Seal lower | 2 | )From FA<br>)Up to HA479307 |
| | ALR1159 | Seal lower | 2 | )From HA479308<br>)Up to KA925388 |
| | ALR5056 | Seal waist | 2 | From KA925390 |
| **Station Wagon** | | | | |
| | MXC2031 | Seal lower | 2 | )From FA<br>)Upto HA479393 |
| | ALR1159 | Seal lower | 2 | )From HA479394<br>)Upto KA925389 |
| | ALR5056 | Seal waist | 2 | From KA925390 |
| **Germany** | | | | |
| | MTC7513 | Strip edging | A/R | |
| | MTC8333 | Finisher D post | 2 | |
| | RU608313L | Rivet | 2 | |




**Model** DEFENDER 90
**Page** ADNXLE2A

**BODY - REAR BODY UPPER - STATION WAGON**

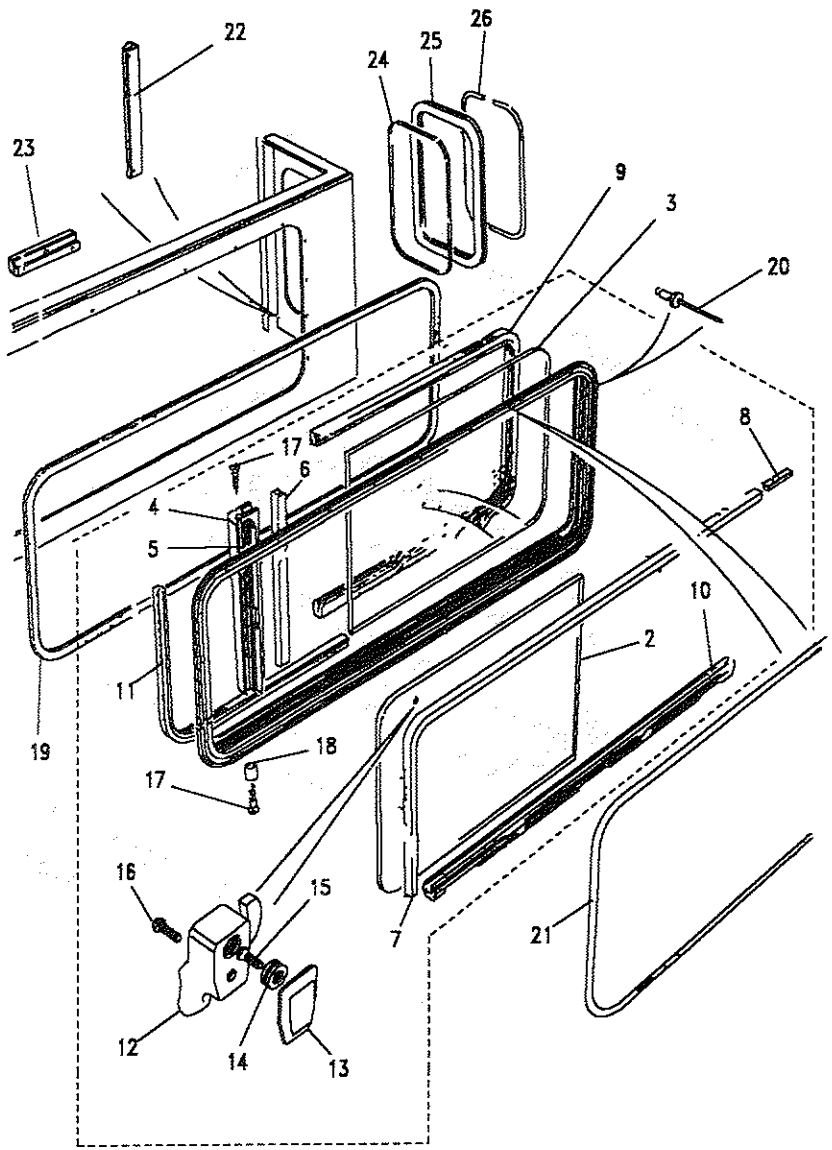
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Sliding window assy - 5mm glass - Upto VIN 344187** | | | | |
| 1 | MUC3766 | Window assembly side | 1 | Clear |
| | MUC3767 | Window assembly LH | 1 | Clear |
| | MUC3764 | Window assembly RH | 1 | Tinted |
| | MUC3765 | Window assembly LH | 1 | Tinted |
| 2 | MUC3791 | Glass front | 2 | Clear |
| | MUC3794 | Glass front | 2 | Tinted |
| 3 | MUC3792 | Glass rear | 2 | Clear |
| | MUC3795 | Glass rear | 2 | Tinted |
| 4 | MUC3770 | Draught rail | 2 | |
| 5 | MUC3769 | Seal draught rail | 2 | |
| 6 | MUC1098 | Glazing strip drght rail | 2 | |
| 7 | MUC3097 | Felt front | 2 | |
| 8 | MUC3096 | Felt top | 2 | |
| 9 | MUC4025 | Rubber stop | 2 | |
| 10 | MUC1484 | Glazing rubber | 2 | |
| 11 | MTC8947 | Bottom runner | 2 | |
| 12 | MUC3768 | Filler strip | 2 | |
| 13 | MTC8270 | Catch RH | 1 | |
| | MTC8271 | Catch LH | 1 | |
| 14 | MUC1704 | Fixing Block | 2 | |
| 15 | MUC1705 | Button | 2 | |
| 16 | MUC1706 | Screw | 2 | |
| 17 | MUC1707 | Screw | 2 | |
| 18 | AC606081L | Screw | 4 | Draught rail |
| 19 | MUC3771 | Spacer | 2 | Draught rail |
| 20 | MUC1008 | Seal | 2 | |
| 21 | RU610313L | Rivet | 48 | |
| 22 | MUC1005 | Filler strip | 2 | |
| 23 | MUC4542 | Finisher | 4 | Front and rear |
| 24 | MUC1501 | Finisher | 12 | Upper and lower |




**Model** DEFENDER 90
**Page** ADNXLE2A

**BODY - REAR BODY UPPER - STATION WAGON**

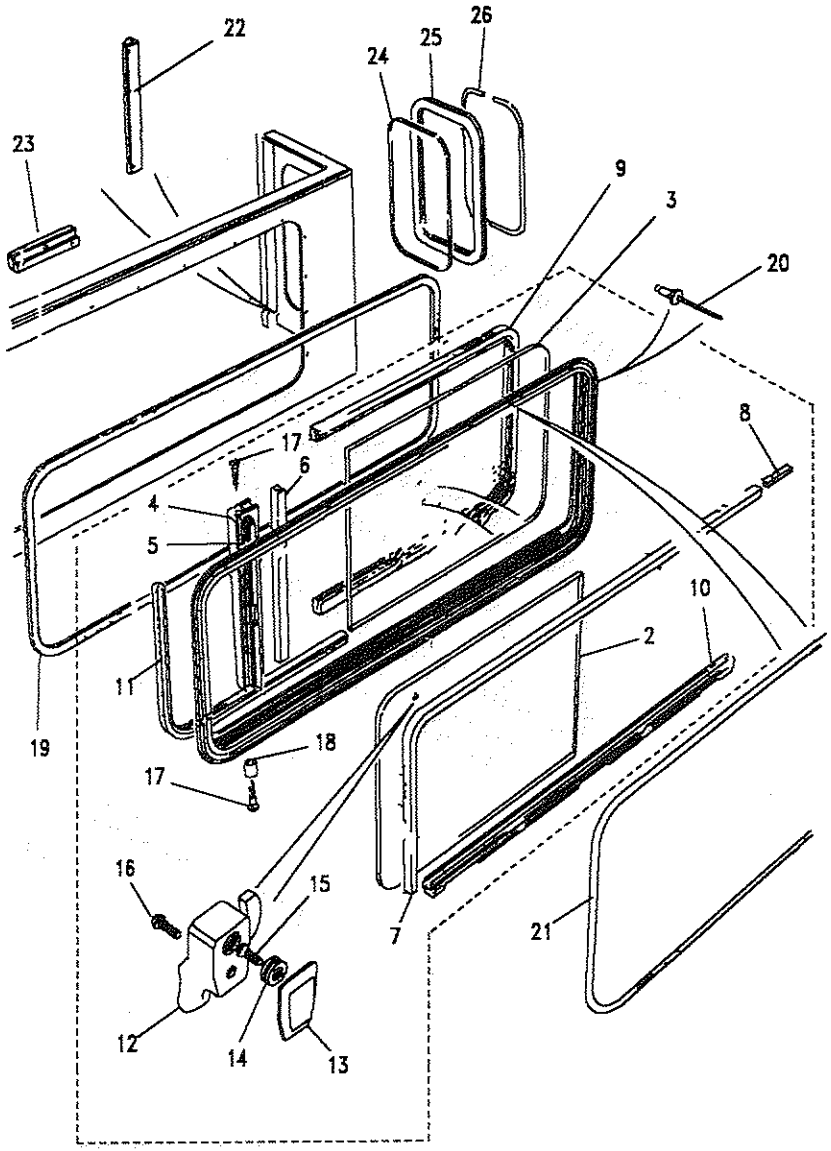
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Rear end window** | | | | |
| 25 | MTC3476 | Glass | 2 | Clear |
| | MTC5034 | Glass | 2 | Tinted |
| 26 | 306287 | Glazing strip | 2 | |
| 27 | 306289 | Filler strip | 2 | |




**Model** DEFENDER 90
**Page** ADNXLE3A

## BODY - REAR BODY UPPER - STATION WAGON

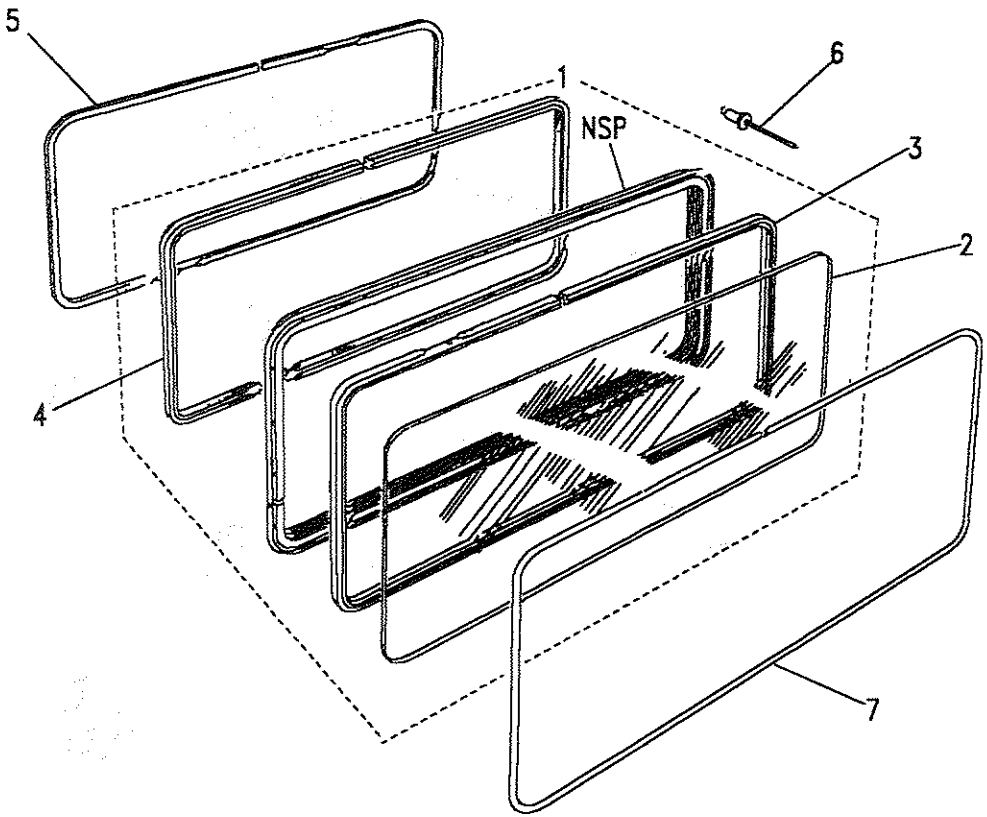
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Sliding window assy - 4mm glass - From VIN 344188** | | | | |
| 1 | MWC4734 | Window assembly RH | 1 | Clear |
| | MWC4735 | Window assembly LH | 1 | Clear |
| | MWC4736 | Window assembly RH | 1 | Tinted |
| | MWC4737 | Window assembly LH | 1 | Tinted |
| 2 | MWC4728 | Glass front | 2 | Clear |
| | MWC4729 | Glass front | 2 | Tinted |
| 3 | MWC4730 | Glass rear | 2 | Clear |
| | MWC4731 | Glass rear | 2 | Tinted |
| 4 | MUC3770 | Draught rail | 2 | |
| 5 | MWC7614 | Seal draught rail | 2 | |
| 6 | MWC7615 | Glazing strip drght rail | 2 | |
| 7 | RTC6462 | Felt front and top | 2 | |
| 8 | MUC4025 | Rubber stop | 2 | |
| 9 | MWC7617 | Glazing rubber | 2 | |
| 10 | MWC7612 | Bottom runner | 2 | |
| 11 | MUC3768 | Filler strip | 2 | |
| 12 | MTC8270 | Catch RH | 1 | |
| | MTC8271 | Catch LH | 1 | |
| 13 | MUC1704 | Fixing block | 2 | |
| 14 | MUC1705 | Button | 2 | |
| 15 | MUC1706 | Screw | 2 | |
| 16 | MUC1707 | Screw | 2 | |
| 17 | AC606081L | Screw | 4 | Draught rail |
| 18 | MUC3771 | Spacer | 2 | Draught rail |
| 19 | MUC1008 | Seal | 2 | |
| 20 | RU610313L | Rivet | 48 | |
| 21 | MUC1005 | Filler strip | 2 | |
| 22 | MUC4542 | Finisher | 4 | Front and rear |
| 23 | MUC1501 | Finisher | 12 | Upper and lower |




**Model** DEFENDER 90
**Page** ADNXLE3A

**BODY - REAR BODY UPPER - STATION WAGON**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Rear end window** | | | | |
| 24 | MWC4715 | Glass | 2 | Clear |
| | MWC4716 | Glass | 2 | Tinted |
| 25 | MWC4772 | Glazing strip | 2 | |
| 26 | 306289 | Filler strip | 2 | |

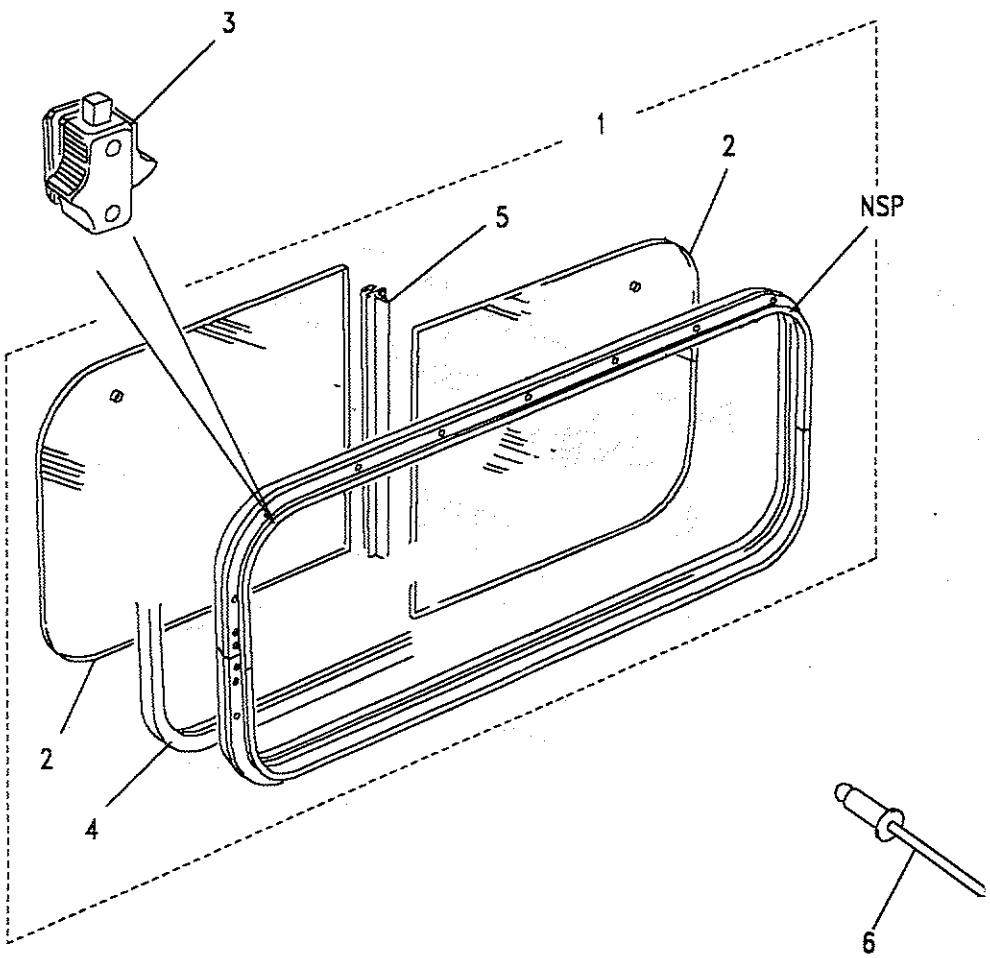



**Model** DEFENDER 90
**Page** ADNXLE4A

**BODY - REAR BODY UPPER**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Fixed side window assembly** | | | | |
| 1 | MTC8251 | Window assembly | 2 | ) |
| 2 | MTC8256 | Glass clear | 2 | )Note(1) |
| 3 | MTC8269 | Glazing rubber | 2 | ) |
| 4 | MTC8948 | Filler strip | 2 | ) |
| | MWC4733 | Window assembly | 2 | ) |
| | MWC4727 | Glass Clear | 2 | )Note(2) |
| | MWC7686 | Glazing rubber | 2 | ) |
| | MWC7685 | Filler strip | 2 | ) |
| 5 | MUC1008 | Seal | 2 | |
| 6 | RU610313L | Rivet | 48 | |
| 7 | MUC1005 | Filler strip | 2 | |

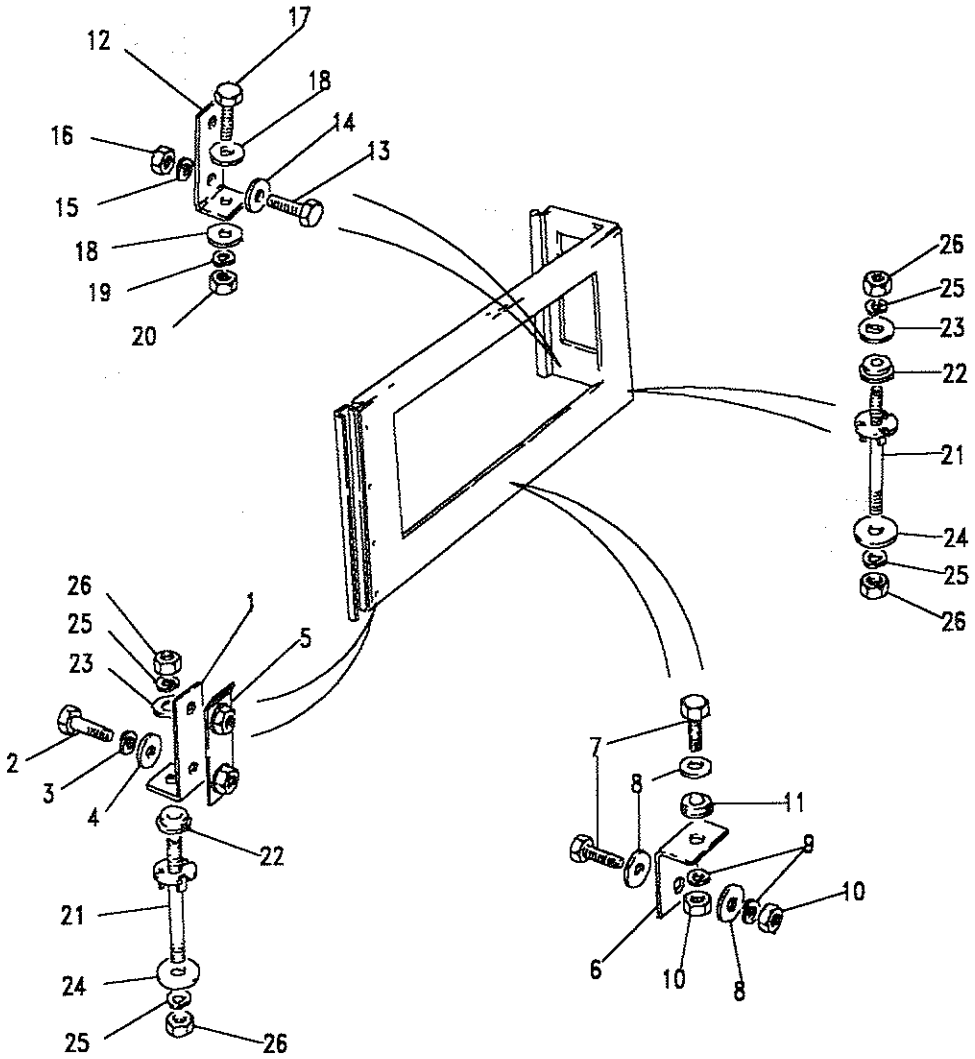
Note(1) 5mm glass - Upto 340456
Note(2) 4mm glass - From 340457




**Model** DEFENDER 90
**Page** ADNXLE6A

## BODY - REAR BODY UPPER - HARD TOP

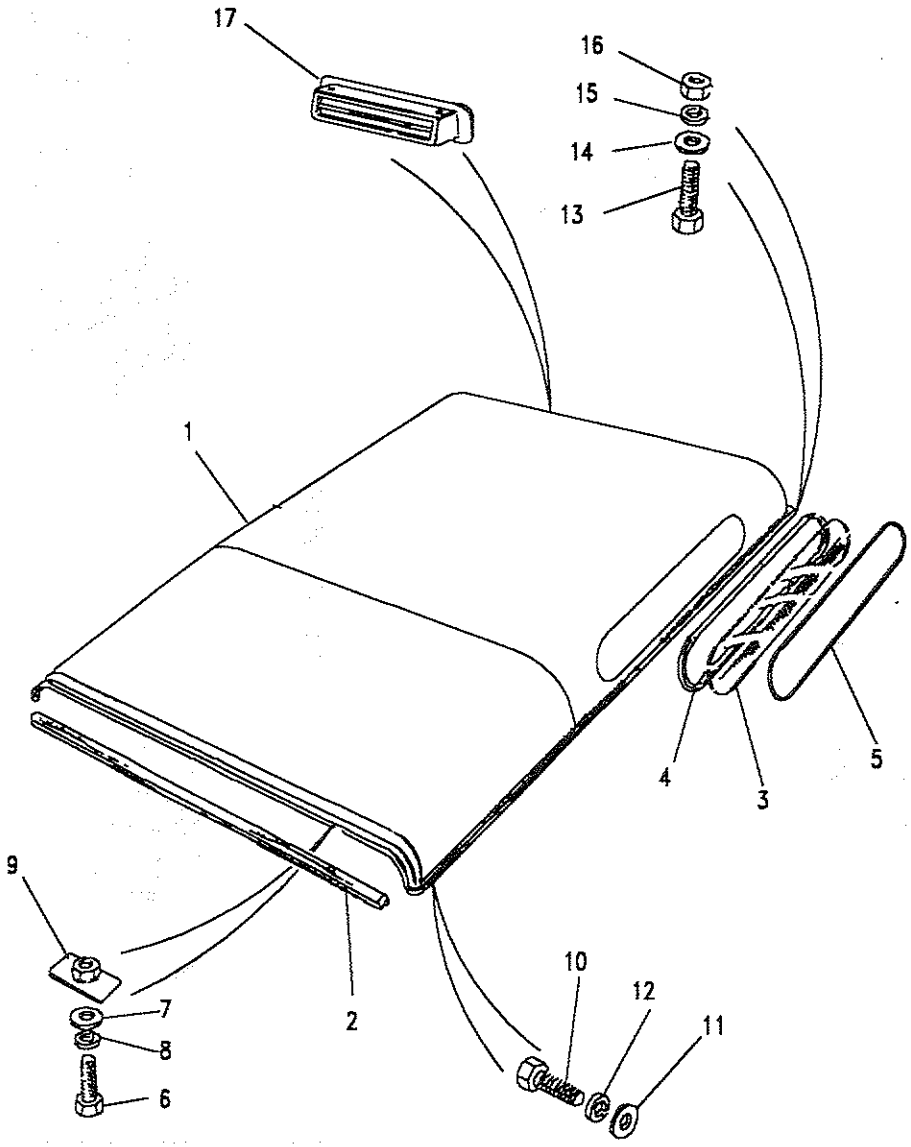
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Sliding side window assembly** | | | | |
| 1 | ALR5080 | Window assembly RH | 1 | From KA930144 |
| | ALR5081 | Window assembly LH | 1 | From KA930144 |
| 2 | MWC4726 | Glass | 4 | |
| 3 | MWC7625 | Catch LH | 2 | |
| | MWC7648 | Catch RH | 2 | |
| 4 | MWC7620 | Felt | 4 | |
| 5 | MWC7652 | Seal draught rail | 2 | |
| 6 | RU610253 | Rivet | 36 | |




**Model** DEFENDER 90
**Page** ADNXLE5A

**BODY - REAR BODY UPPER**

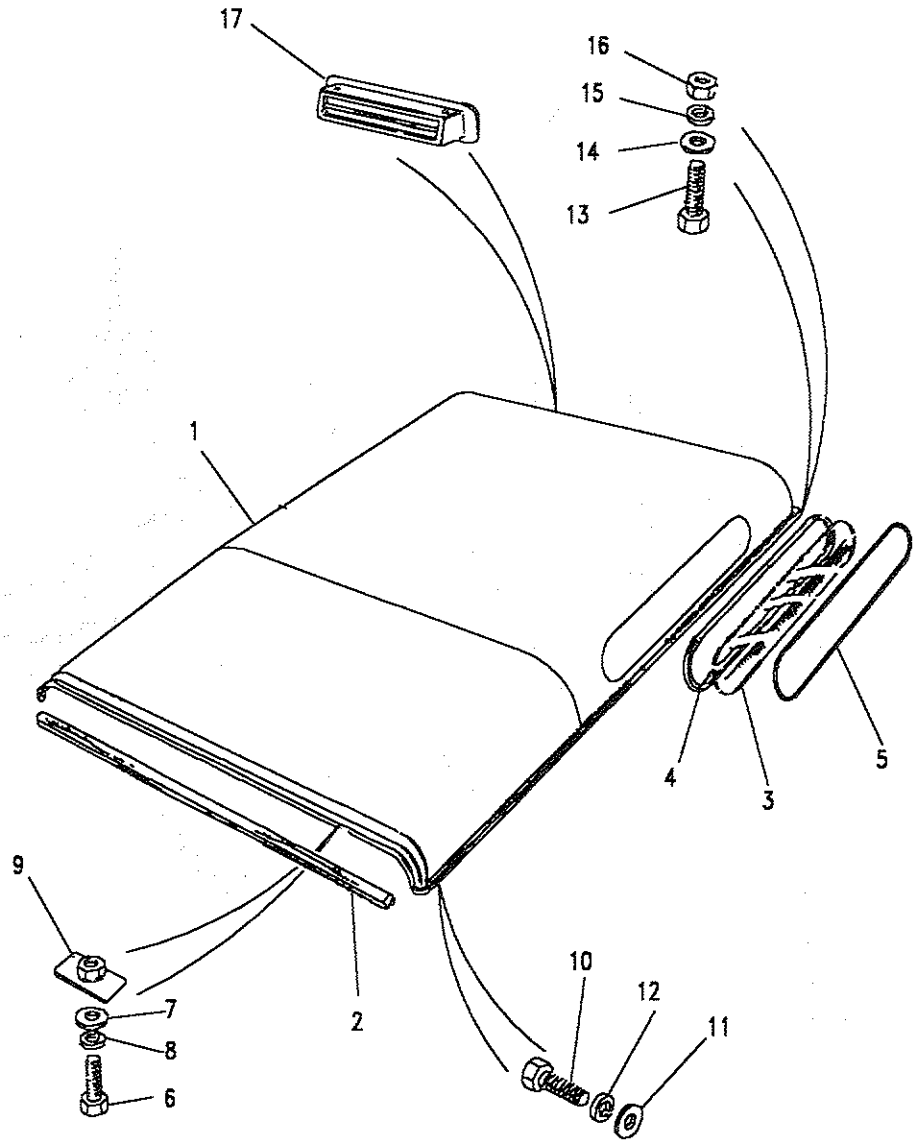
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 338554 | Angle mounting | 2 | |
| 2 | SH108161L | Screw | 4 | |
| 3 | WL108001L | Washer spring | 4 | |
| 4 | WC108051L | Washer plain | 4 | |
| 5 | MUC1324 | Nut plate | 2 | |
| 6 | 332201 | Bracket support | 2 | |
| 7 | FS106201L | Flange screw | 4 | ) |
| 8 | MRC5527 | Washer plain | 8 | )Hard Top |
| 9 | WL106001L | Washer spring | 4 | ) |
| 10 | NH106041L | Nut | 4 | ) |
| | FS106201L | Flange screw | 8 | ) |
| | AFU1080 | Washer plain | 12 | ) |
| | WL106001L | Washer spring | 8 | )Station Wagon |
| | NH106041L | Nut | 8 | ) |
| 11 | 338550 | Buffer rubber | 4 | ) |
| 12 | 338552 | Bracket support | 2 | |
| 13 | FS106167L | Screw | 4 | |
| 14 | MRC5525 | Washer plain | 4 | |
| 15 | WL106001L | Washer spring | 4 | |
| 16 | NH106041L | Nut | 4 | |
| 17 | SH108301L | Screw | 2 | |
| 18 | WC108051L | Washer plain | 4 | |
| 19 | WL108001L | Washer spring | 2 | |
| 20 | FN108041L | Nut | 2 | |
| 21 | MRC9833 | Stud mounting | 4 | |
| 22 | 338553 | Buffer rubber | 4 | |
| 23 | 332293 | Washer special | 4 | |
| 24 | WC108051L | Washer plain | 4 | |
| 25 | WL108001L | Washer spring | 8 | |
| 26 | FN108041L | Nut | 8 | |




**Model** DEFENDER 90
**Page** ADNXMA1A

## BODY - ROOF - HARD TOP AND STATION WAGON

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Station wagon - External stiffeners - Sunroof aperature** | | | | |
| 1 | MWC6273 | Roof assembly | 1 | From EA Upto FA |
| **Station wagon - Internal stiffeners - Sunroof aperature** | | | | |
| 1 | MWC6907 | Roof assembly | 1 | From FA |
| **Station wagon - Internal stiffeners - No Sunroof** | | | | |
| 1 | MWC6696 | Roof assembly | 1 | From FA358393 |
| **Hard Top - Internal stiffeners** | | | | |
| 1 | MWC6697 | Roof assembly | 1 | |
| **All variants** | | | | |
| 2 | MTC4994 | Seal | 1 | |
| 3 | MTC3474 | Glass tinted | 2 | 5mm Glass |
| | MWC4714 | Glass tinted | 2 | 4mm Glass |
| 4 | 302177 | Weatherstrip | 2 | 5mm Glass |
| | MWC4771 | Weatherstrip | 2 | 4mm Glass |
| 5 | 302178 | Fillerstrip | 2 | |
| | MUC6400 | Seal | 2 | |



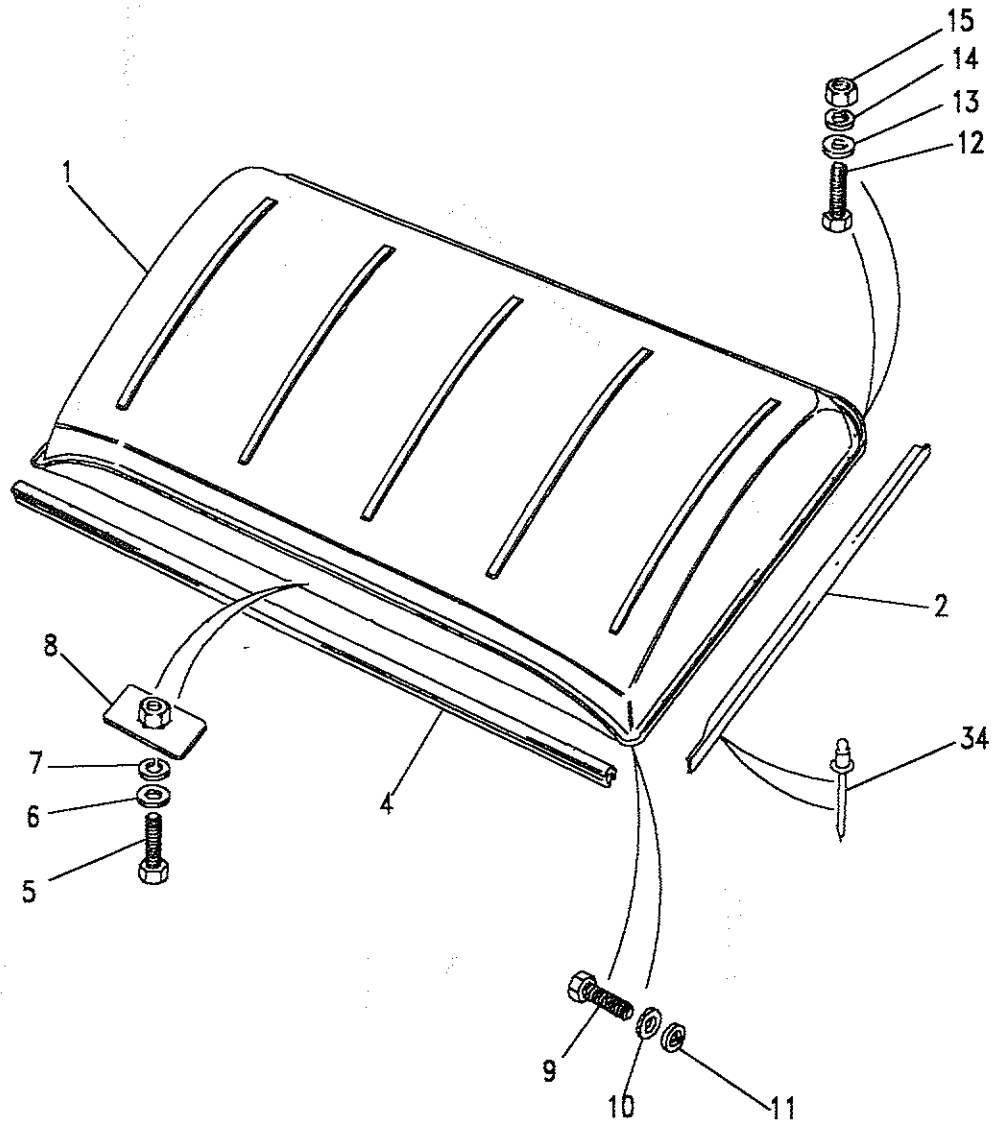

**Model** DEFENDER 90
**Page** ADNXMA1A

**BODY - ROOF - HARD TOP AND STATION WAGON CONTINUED**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 6 | FS106167L | Screw | 6 | |
| 7 | WA106041L | Washer plain | 6 | |
| 8 | WL106001L | Washer spring | 6 | |
| 9 | MTC3203 | Nut plate | 6 | |
| 10 | SH106251L | Screw | 2 | Upto HA702447 |
| | AB614081L | Screw | 2 | From HA702448 |
| 11 | WA106041L | Washer plain | 2 | |
| 12 | WL106001L | Washer spring | 2 | |
| | 302532 | Nut spire | 2 | |
| 13 | FS106201L | Flange screw | 14 | |
| 14 | AFU1259 | Washer plain | 18 | |
| 15 | WL106001L | Washer spring | 14 | |
| 16 | NH106041L | Nut | 14 | |
| | STC1346 | Ventilator | 2 | |

**Applicable to Germany only**

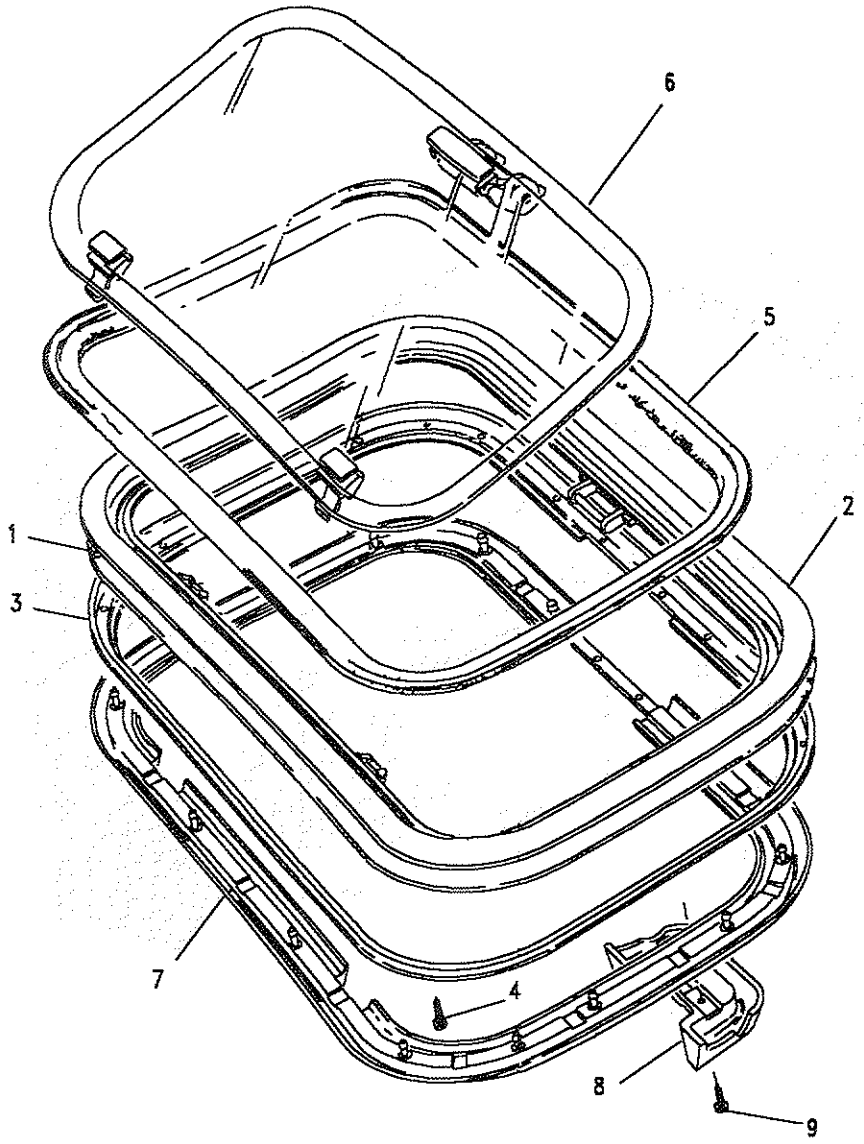
| | | | |
|---|---|---|---|
| | MTC7513 | Strip edging cantrail | A/R |
| | MTC8332 | Capping front corner RH | 1 |
| | MTC8331 | Capping front corner LH | 1 |
| | RU608313L | Rivet | 2 |




**Model** DEFENDER 90
**Page** ADNXMG1A

## BODY - ROOF - TRUCK CAB

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MWC6055 | Roof assembly | 1 | |
| 2 | MUC9204 | Retainer seal RH | 1 | |
| | MUC9205 | Retainer seal LH | 1 | |
| 3 | 78248 | Rivet | 10 | |
| 4 | MTC4994 | Seal inner | 1 | |
| | MUC6400 | Seal | 2 | |
| 5 | FS106167L | Screw | 6 | |
| 6 | WA106041L | Washer plain | 6 | |
| 7 | WL106001L | Washer spring | 6 | |
| 8 | MTC3203 | Nut plate | 6 | |
| 9 | SH106251L | Screw | 2 | Upto HA702447 |
| | AB614081L | Screw | 2 | From HA702448 |
| 10 | WA106041L | Washer plate | 2 | |
| 11 | WL106001L | Washer spring | 2 | |
| | 302532 | Nut spire | 2 | |
| 12 | SE105161L | Screw | 10 | |
| 13 | AEU1256 | Washer plain | 10 | |
| 14 | WL105001L | Washer spring | 10 | |
| 15 | NH105041L | Nut | 10 | |

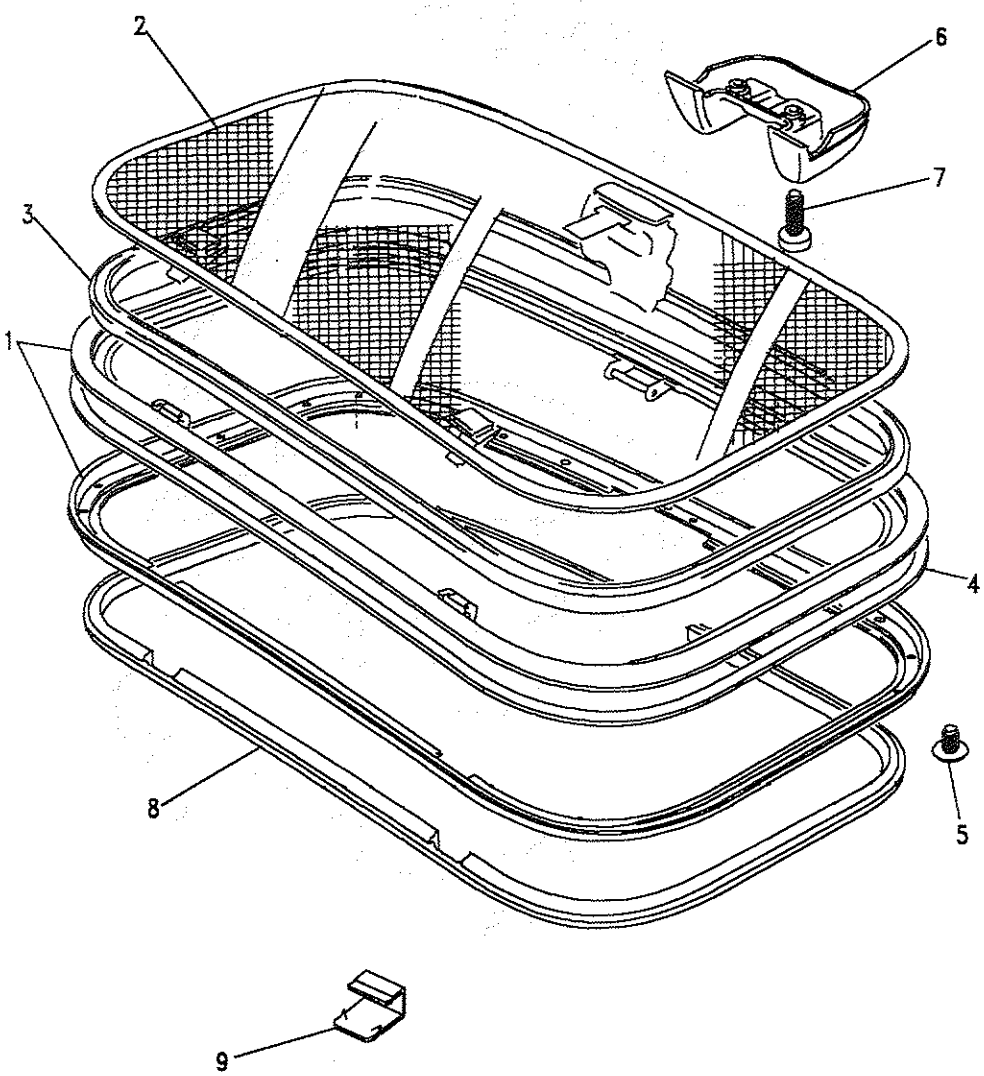



**Model** DEFENDER 90
**Page** ADNXNA1A

## BODY - SUNROOF

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From 314174** | | | | |
| 1 | MWC9500 | Seal -sunroof to roof | 1 | |
| 2 | RTC5941 | Frame assembly sunroof | 1 | |
| 3 | RTC6790 | Frame clamping | 1 | |
| 4 | AA610031 | Screw | 14 | |
| 5 | RTC5942 | Seal sunroof frame | 1 | |
| 6 | RTC5943 | Panel glass sunroof | 1 | |
| 7 | MXC5202 | Trim ring sunroof | 1 | NLA use MXC5011 |
| | MXC5011 | Trim ring sunroof | 1 | Note(1) |
| 8 | MWC5201 | Shroud handle sunroof | 1 | To fit MWC5202 |
| | MXC5010 | Shroud handle sunroof | 1 | To fit MXC5011 |
| 9 | AB610041L | Screw | 2 | |

Note(1) When replacing MWC5202 with MXC5011 fit also MXC5010
Note(2) These parts are to service factory fit sun roof only, sun roof cannot be retrospectively fitted

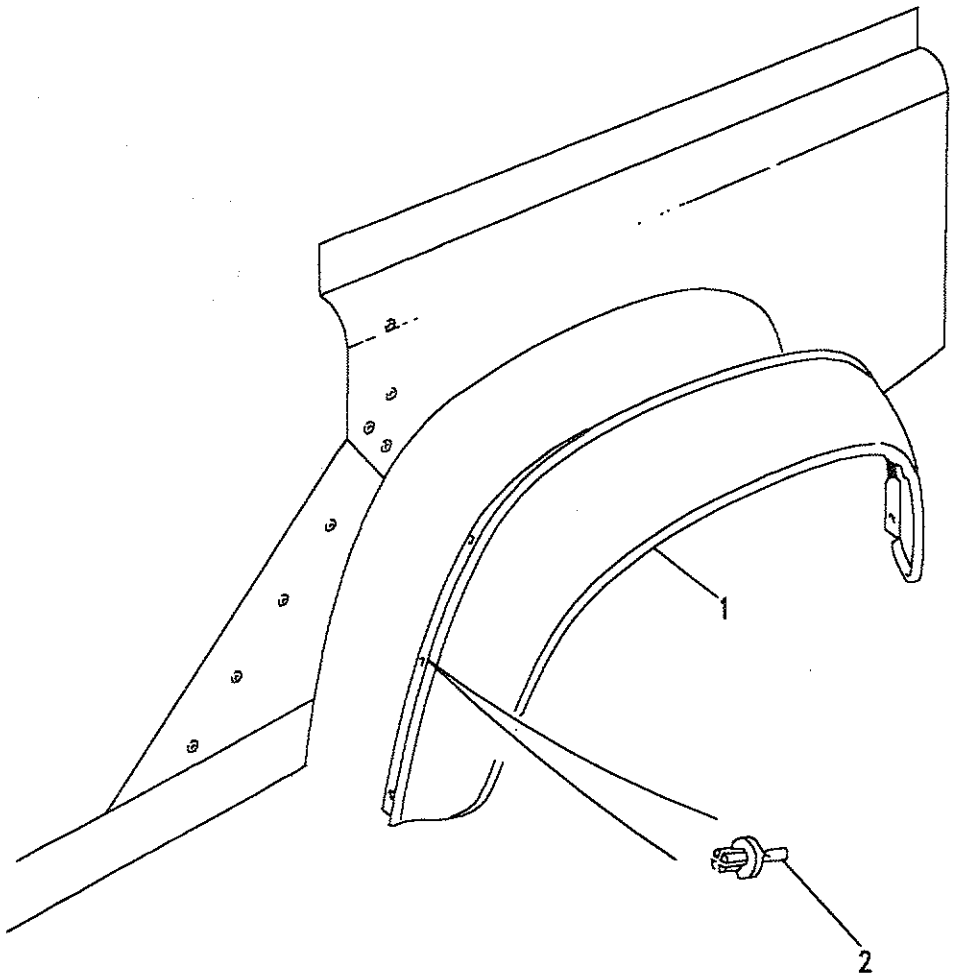



**Model** DEFENDER 90
**Page** ADNXNA2A

## BODY - SUNROOF

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From 1992 Model Year** | | | | |
| 1 | STC746 | Frame and clamp assy | 1 | |
| 2 | STC747 | Glass panel assy | 1 | |
| 3 | RTC5942 | Seal | 1 | Glass to frame |
| 4 | MWC9500 | Seal | 1 | Sunroof to roof |
| 5 | AA610031 | Screw | 14 | |
| 6 | ALR1460 | Shroud handle | 1 | |
| 7 | STC749 | Screw | 2 | |
| 8 | STC748 | Seal | 1 | Sunroof to heading |
| 9 | ALR2386 | Clip retaining | 8 | |

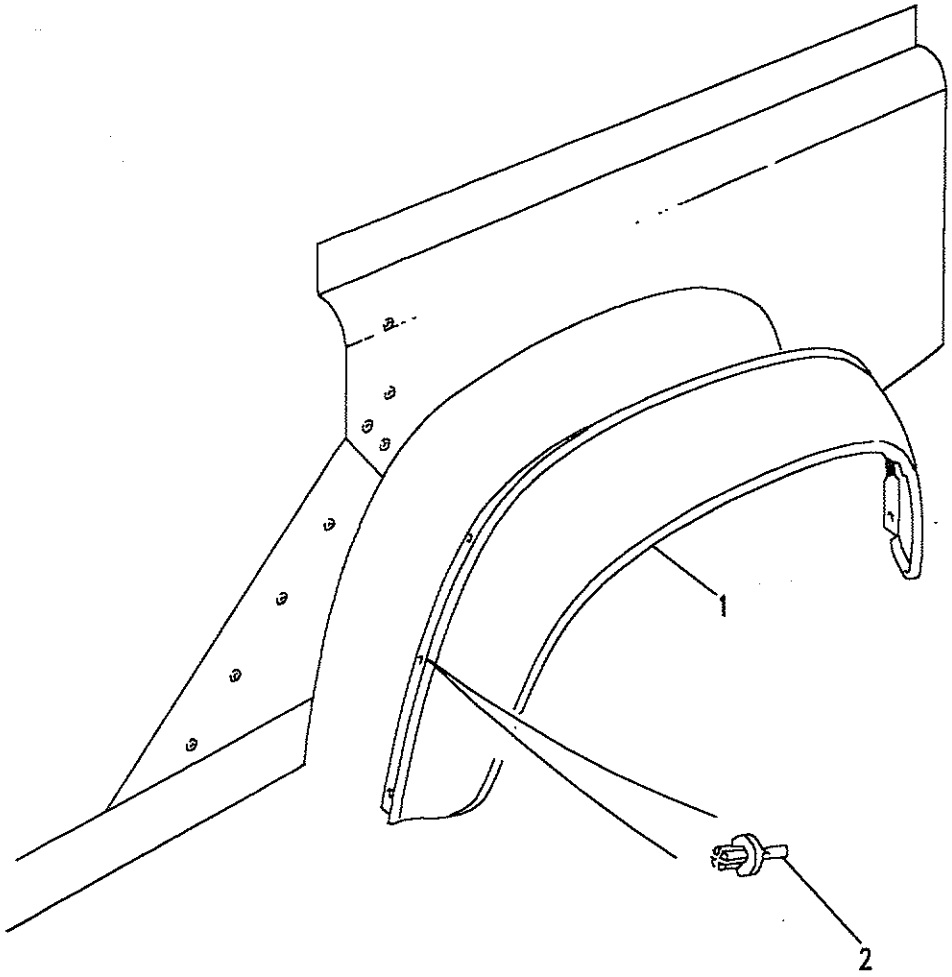
Note(1) These parts are to service factory fit sun roof only, sun roof cannot be retrospectively fitted




**Model** DEFENDER 90
**Page** ADNXOA1A

## BODY - REAR EYEBROWS

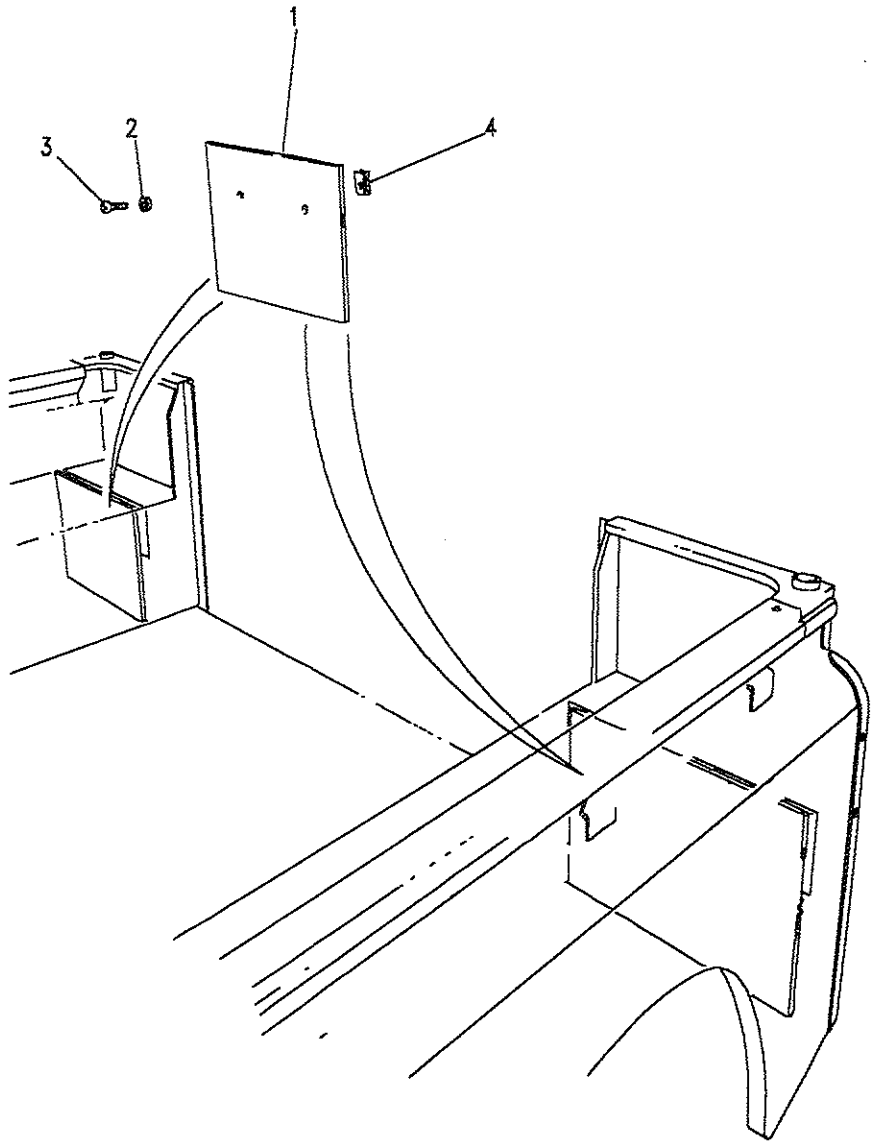
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Eyebrow moulding rear wing** | | | | |
| 1 | MRC8420 | Eyebrow Black | 2 | Gloss |
| | RRC3045 | Eyebrow Black | 2 | Matt |
| | MTC6873AA | Eyebrow | 2 | Arizona tan |
| | MTC6873AV | Eyebrow | 2 | Roan brown |
| | MTC6873CC | Eyebrow | 2 | Masai red |
| | MTC6873CL | Eyebrow | 2 | Venetian red |
| | MTC6873HC | Eyebrow | 2 | Bronze green |
| | MTC6873HN | Eyebrow | 2 | Trident green |
| | MTC6873JC | Eyebrow | 2 | Marine blue |
| | MTC6873JP | Eyebrow | 2 | Stratos blue |
| | MTC6873LN | Eyebrow | 2 | Slate grey |
| | MTC6873NM | Eyebrow | 2 | Ivory |
| | MTC6873CUF | Eyebrow | 2 | Arrow red |
| | MTC6873JUG | Eyebrow | 2 | Shire blue |
| | MTC6873HUJ | Eyebrow | 2 | Eastnor green |
| | MTC6873SUB | Eyebrow | 2 | Arran beige |
| | MTC6873JUH | Eyebrow | 2 | Pacific blue |
| | MTC6873NUC | Eyebrow | 2 | White |




**Model** DEFENDER 90
**Page** ADNXOA1A

**BODY - REAR EYEBROWS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Eyebrow moulding rear wing** | | | | |
| | MTC6873LUS | Eyebrow | 2 | Grey |
| | MTC6873CUH | Eyebrow | 2 | County red |
| | MTC6873HUL | Eyebrow | 2 | County green |
| | MTC6873PUE | Eyebrow | 2 | County black |
| | MTC6873CUY | Eyebrow | 2 | Montpellier red |
| | MTC6873HYE | Eyebrow | 2 | Coniston green |
| 2 | AFU1075 | Rivet plastic | 24 | |




**Model** DEFENDER 90
**Page** ADNXOB1A

## BODY - REAR LAMPS PROTECTION

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC7861 | Mud shield | 2 | Upto HA704532 |
| | BTR1790 | Mud shield | 2 | From HA704533 |
| 2 | AFU1218L | Washer plain | 4 | |
| 3 | AR610051L | Screw | 4 | |
| 4 | AK610021L | Nut spire | 4 | |

**Model** DEFENDER 90
**Page** ADNXOB2A

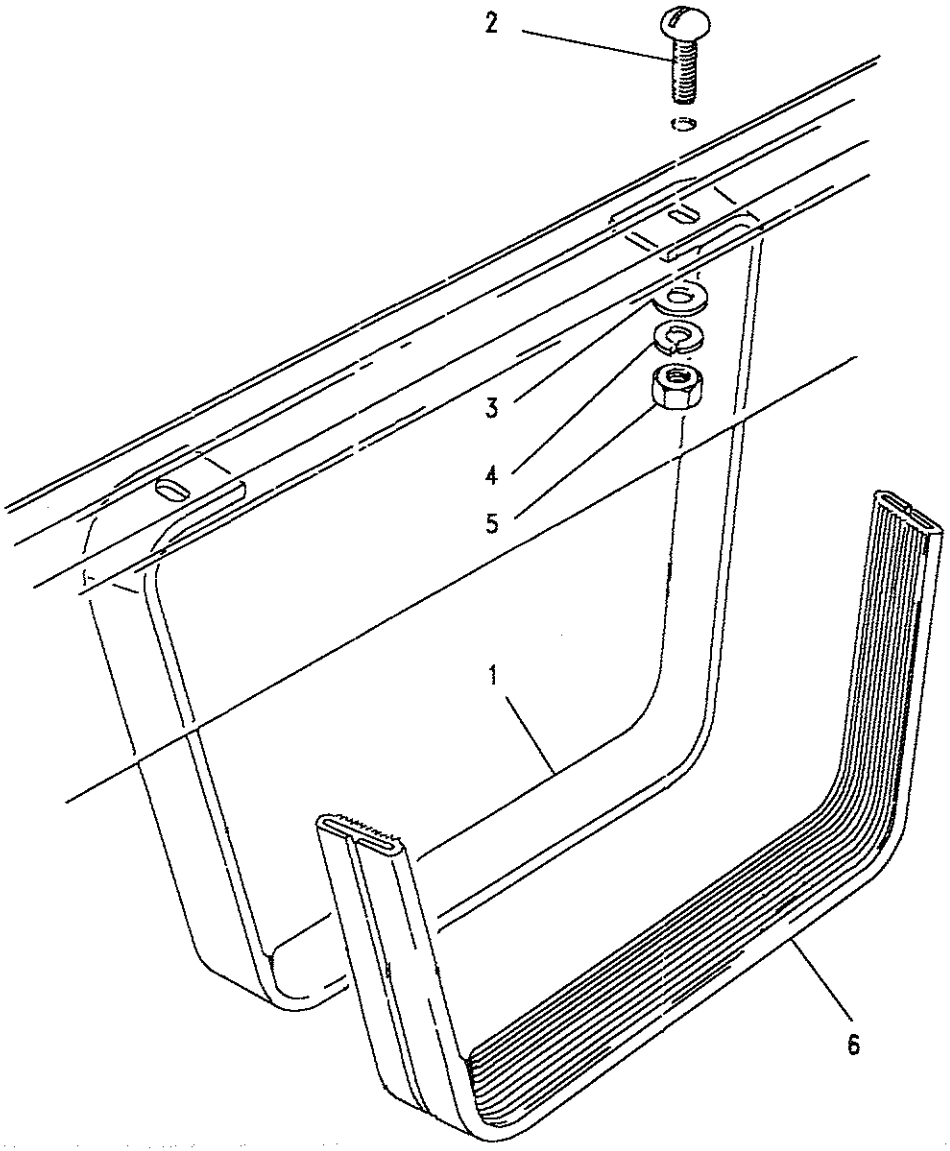
## BODY - ROLL CAGE UPPER - 90SV

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | ALR6777 | Header rail assembly | 1 | |
| 1 | ALR5539 | Roll cage | 1 | |
| 2 | ALR5540 | Roll cage | 1 | |
| 3 | ALR5541 | Roll cage | 1 | |
| 4 | ALR5543 | Roll cage | 1 | |
| 5 | ALR5544 | Tie bar | 1 | |
| 6 | ALR5545 | Bracket roll cage | 1 | |
| | ALR5546 | Bracket roll cage | 1 | |
| | ALR5548 | Seal front wing | 2 | |
| 7 | STC1379 | Rear roll cage | 1 | Longtitudinal |
| 8 | STC1378 | Rear roll cage hoop | 1 | |
| | STC1378 | Poppers for body (Hood) | A/R | |

**Model** DEFENDER 90
**Page** ADNXOB3A

## BODY - ROLL CAGE LOWER - 90SV

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ALR3219 | Bracket saddle LH | 1 | |
| | ALR3220 | Bracket saddle RH | 1 | |
| 2 | SH110251L | Screw | 2 | |
| 3 | WA110061L | Washer plain | 4 | |
| 4 | FN110041L | Nut | 2 | |
| 5 | ALR3221 | Bracket front wing LH | 1 | |
| | ALR3222 | Bracket front wing RH | 1 | |
| 6 | MXC6676 | Bolt | 8 | |
| 7 | 4594L | Spacer | 8 | |
| 8 | ALR6109 | Support bracket LH | 1 | |
| | ALR6110 | Support bracket RH | 1 | |
| 9 | ALR5549 | Screw torx M10 x 25 | 10 | |
| 10 | ALR5550 | Washer fibre | 10 | |
| 11 | ALR5556 | Crosstube inner | 1 | |
| 12 | SH110251L | Screw-crosstube to hoop | 4 | |
| 13 | WA110061L | Washer plain | 4 | |
| 14 | SH607091L | Screw-crosstube to floor | 2 | |
| 15 | WA600071L | Washer plain | 2 | |
| 16 | ALR5557 | Crosstube underbody | 1 | |
| 17 | ALR5558 | Seal | 2 | |
| 18 | ALR5560 | Bracket crosstube LH | 1 | |
| 19 | ALR5561 | Bracket crosstube RH | 1 | |
| 20 | SH110251L | Screw | 10 | |
| 13 | WA110061L | Washer plain | 10 | |

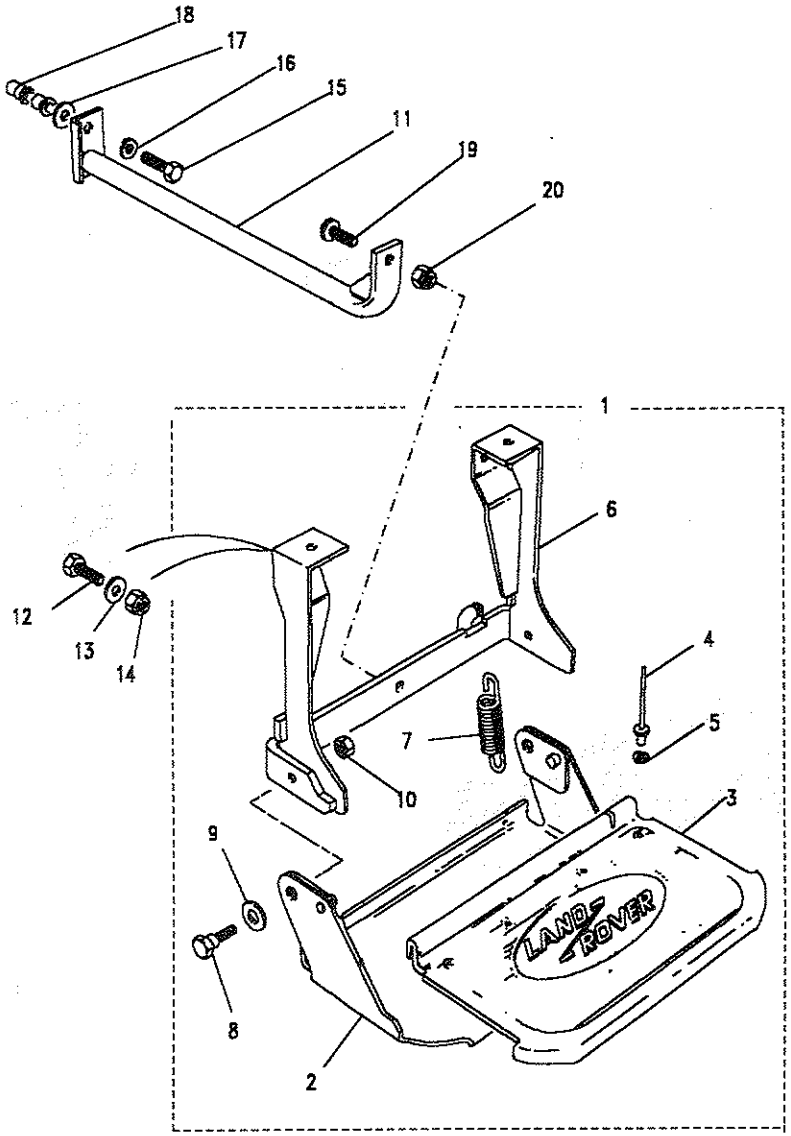



**Model** DEFENDER 90
**Page** ADNXPA1A

## BODY - STIRRUP STEP - SIDE DOORS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC2138 | Step side | 1 | |
| 2 | SE108251 | Screw | 2 | |
| 3 | WC108051L | Washer plain | 2 | |
| 4 | WL108001L | Washer spring | 2 | |
| 5 | FN108041L | Nut | 2 | |
| 6 | MTC2548 | Finisher step | 1 | Germany |

Note(1) Quantities shown are for one step only

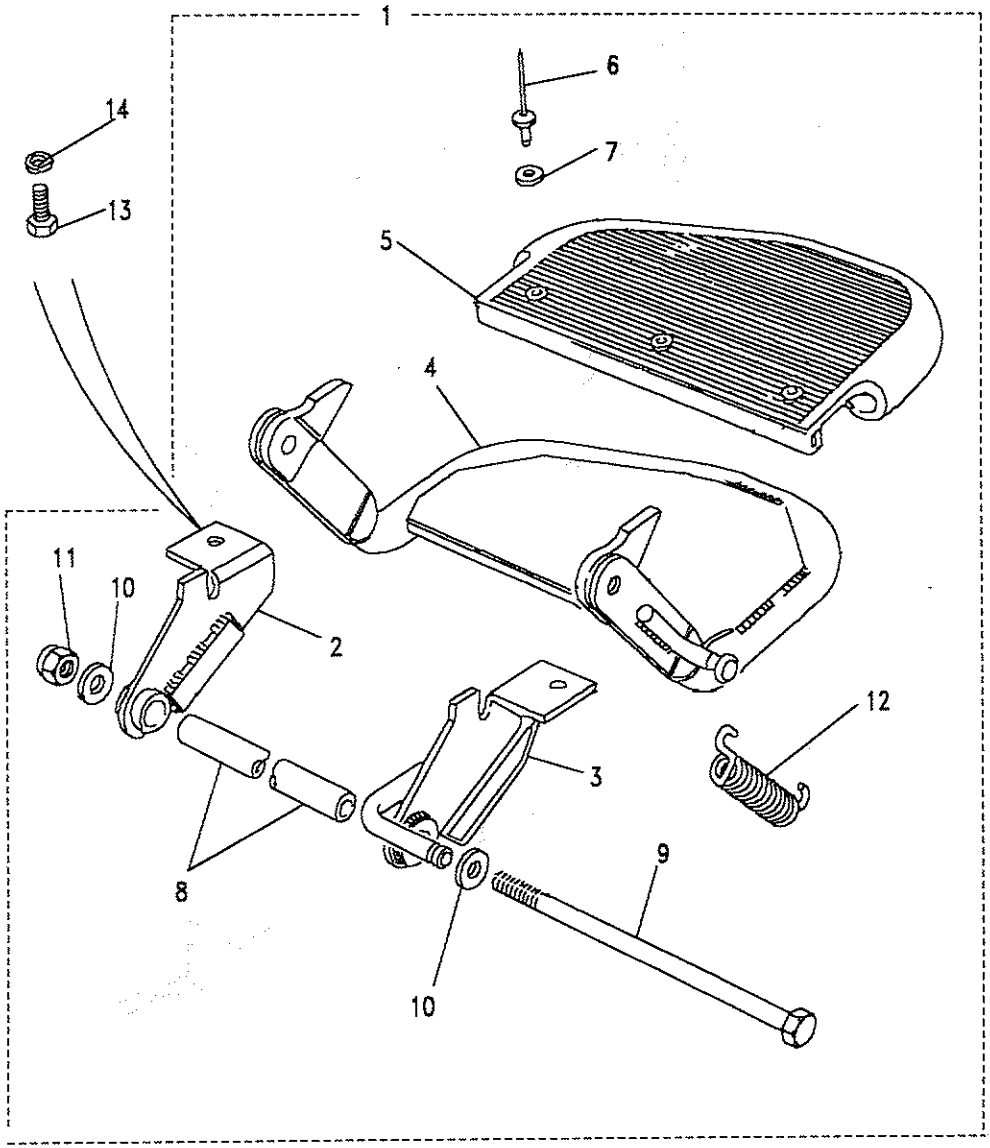



**Model** DEFENDER 90
**Page** ADNXPA2A

**BODY - FOLDING STEP - SIDE DOORS - NOT GERMANY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC7466 | Step side | 1 | Folding type |
| 2 | MTC3021 | Step | 1 | |
| 3 | MTC3076 | Tread | 1 | |
| 4 | RT612253 | Rivet | 4 | |
| 5 | WA105001L | Washer plain | 4 | |
| 6 | MTC7465 | Support | 1 | |
| 7 | MTC1233 | Spring | 1 | |
| 8 | MTC7464 | Bolt special | 2 | |
| 9 | WB114001L | Washer plain | 2 | |
| 10 | NY108041L | Nut | 2 | |
| 11 | MXC1624 | Brace | 1 | |
| | **Fixings - Step to sill** | | | |
| 12 | FS108251L | Screw | 2 | |
| 13 | WA108051L | Washer plain | 2 | |
| 14 | NY108041L | Nut | 2 | |
| | **Fixings - Brace to chassis** | | | |
| 15 | FS108251L | Screw | 1 | |
| 16 | WL108001L | Washer spring | 1 | |
| 17 | WC108051L | Washer packing | A/R | |
| 18 | NN108021 | Nut anchor | 1 | |
| | **Fixings - Brace to step** | | | |
| 19 | SE108201 | Screw | 1 | |
| 20 | NY108041L | Nut | 1 | |

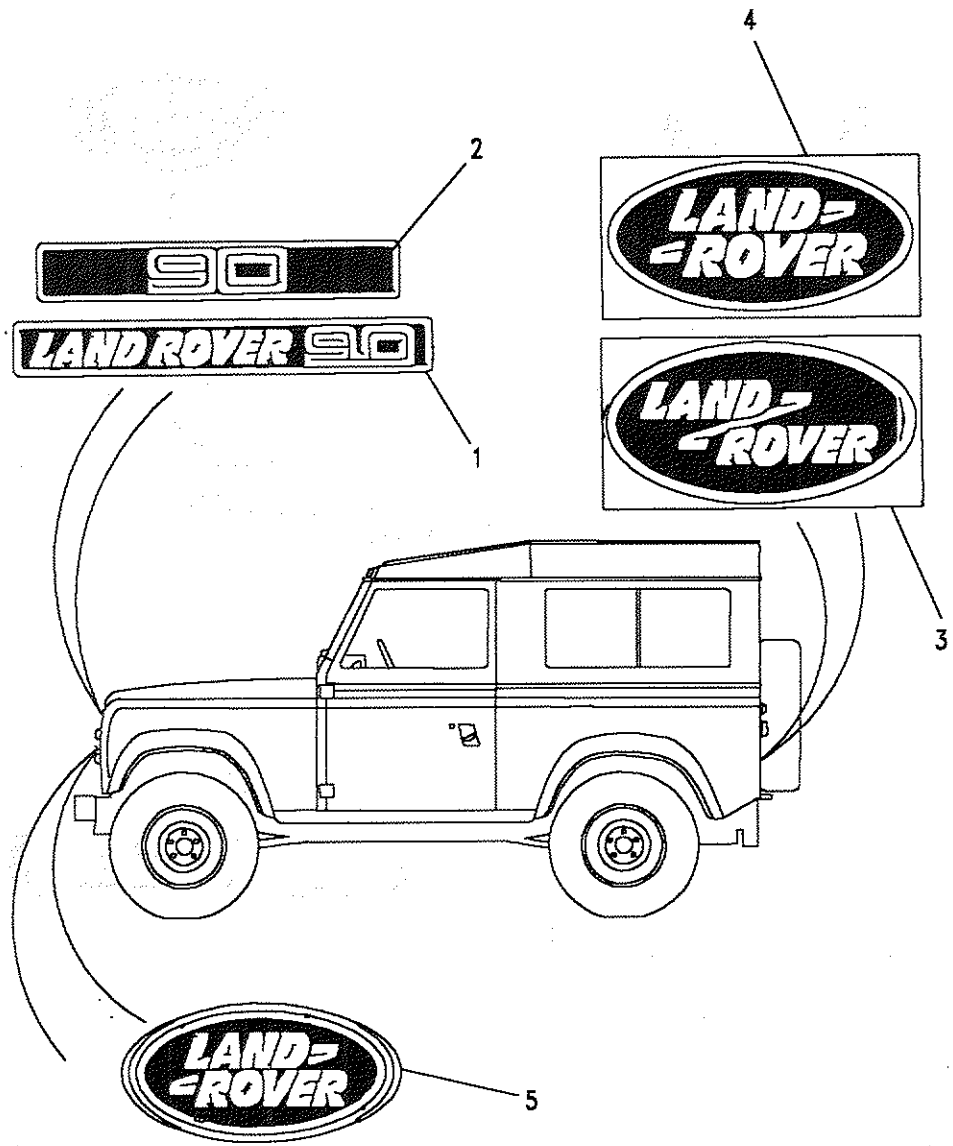
Note(1) Quantities shown are for one step only




**Model** DEFENDER 90
**Page** ADNXPA3A

## BODY - FOLDING STEP - REAR END DOOR

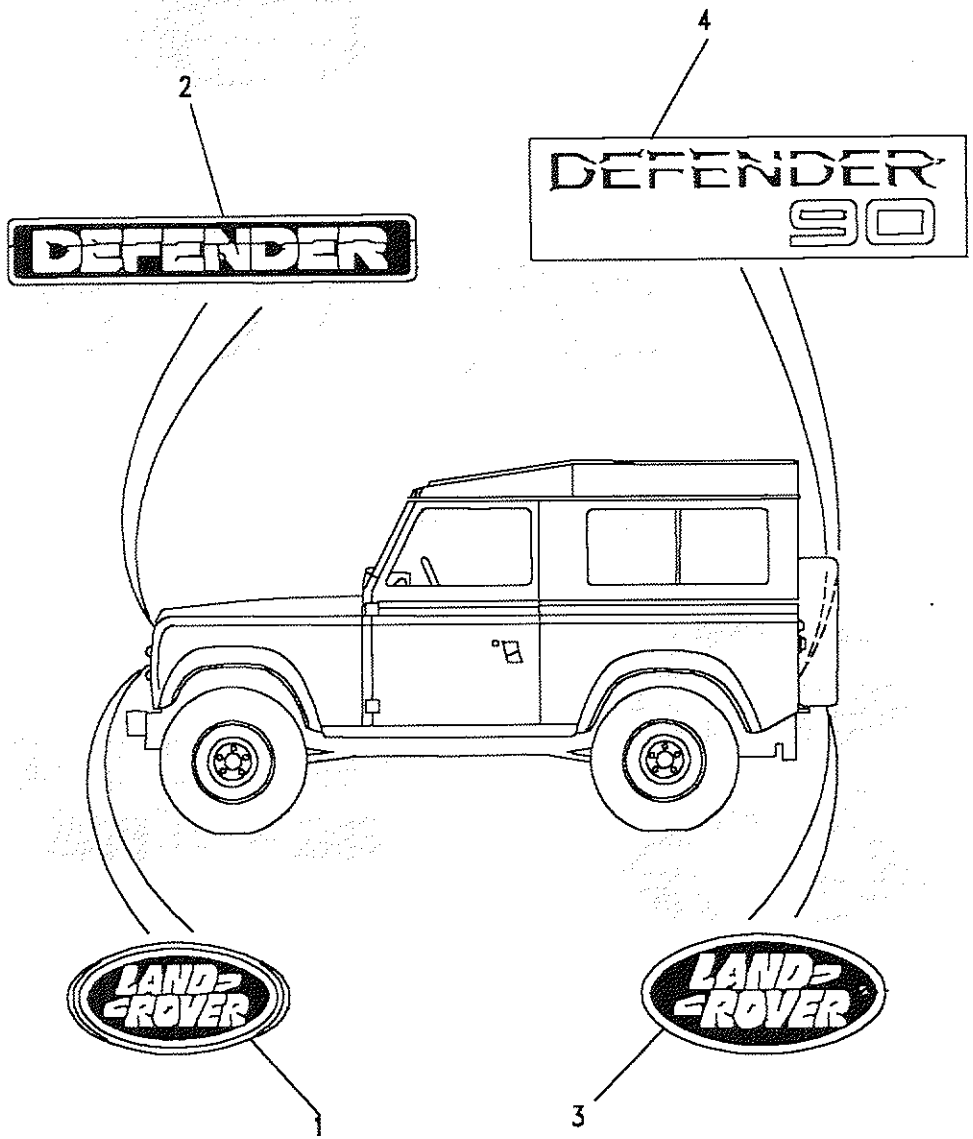
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC3084 | Step assembly rear | 1 | Folding type |
| 2 | MTC3086 | Retainer RH | 1 | |
| 3 | MTC3087 | Retainer LH | 1 | |
| 4 | MTC3085 | Step | 1 | |
| 5 | MTC3091 | Mat | 1 | |
| 6 | RA612373L | Rivet | 7 | |
| 7 | WA105001 | Washer plate | 7 | |
| 8 | MTC3099 | Tube spacer | 1 | |
| 9 | BH110521 | Bolt | 1 | |
| 10 | WC110061 | Washer plain | 2 | |
| 11 | NY110041L | Nut | 1 | |
| 12 | MTC1233 | Spring | 1 | |
| 13 | SH110201 | Screw | 2 | |
| 14 | WL110001L | Washer spring | 2 | |




**Model** DEFENDER 90
**Page** ADNXQA1A

**BODY - DECALS - UP TO 1991 MODEL YEAR**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Siver on black** | | | | |
| 1 | MTC8305 | Nametape front | 1 | Up to FA414686 |
| 2 | MXC6396 | Nametape front | 1 | From FA414687 |
| 3 | MUC2002 | Nametape rear | 1 | NLA use MXC6401 |
| 4 | MXC6401 | Nametape rear | 1 | |
| **Gold on green** | | | | |
| 5 | MXC6402 | Badge grille | 1 | |

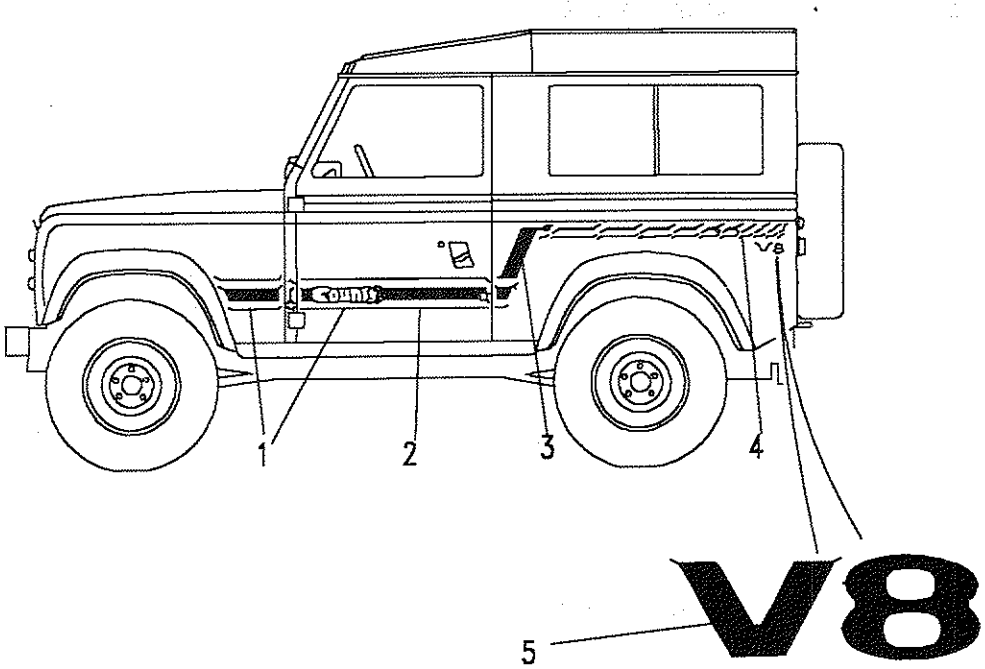



**Model** DEFENDER 90
**Page** ADNXQA2A

**BODY - DECALS - FROM 1991 MODEL YEAR**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MXC6402 | Badge grille | 1 | Note(1) |
| 2 | BTR1045 | Tape front 'Defender' | 1 | Note(2) |
| 3 | BTR1047 | Badge rear 'Land Rover' | 1 | Note(1) |
| **1991 Model Year** | | | | |
| 4 | BTR1048 | Tape rear 'Defender 90' | 1 | Note(3) |
| **1992 Model Year** | | | | |
| 4 | BTR2981LVA | Tape rear 'Defender 90' | 1 | Note(4) |

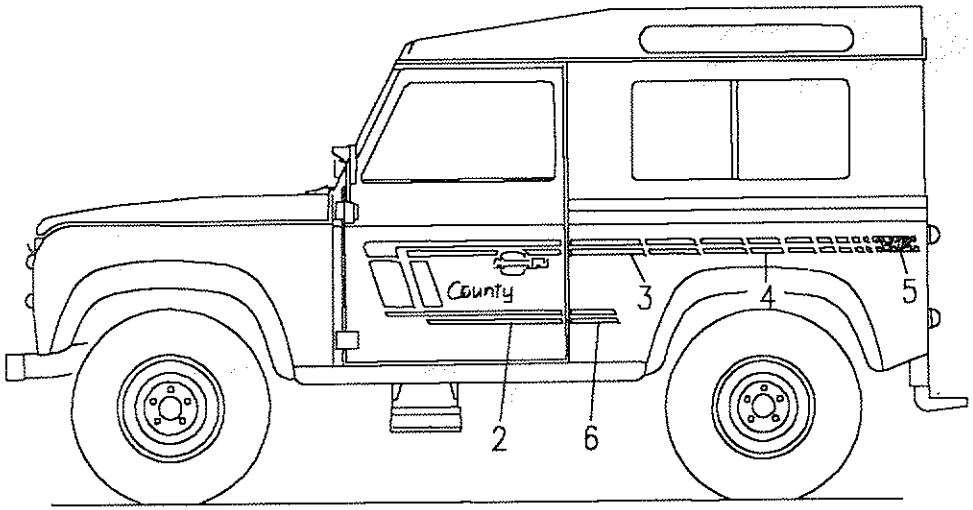
Note(1) Gold on Green background
Note(2) Silver on Black background
Note(3) Silver on clear background
Note(4) Light Grey on clear background




**Model** DEFENDER 90
**Page** ADNXQA3A

**BODY - BODY TAPES**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto DVAD7AA270227, DVAC7AA270484, DVAV7AA271214.** | | | | |
| 1 | RTC6474 | Tape front door/wing RH | 1 | Beige |
| | RTC6476 | Tape front door/wing LH | 1 | Beige |
| | RTC6475 | Tape front door/wing RH | 1 | Blue |
| | RTC6477 | Tape front door/wing LH | 1 | Blue |
| 2 | MUC3172AF | Tape front door RH | 1 | Beige |
| 3 | MUC3174AF | Tape bodyside front RH | 1 | Beige |
| | MUC3175AF | Tape bodyside front LH | 1 | Beige |
| | MUC3174JU | Tape bodyside front RH | 1 | Blue |
| | MUC3175JU | Tape bodyside front LH | 1 | Blue |
| 4 | MUC3532AF | Tape bodyside rear RH | 1 | Beige |
| | MUC3533AF | Tape bodyside rear LH | 1 | Beige |
| | MUC3532JU | Tape bodyside rear RH | 1 | Blue |
| | MUC3533JU | Tape bodyside rear LH | 1 | Blue |
| 5 | MUC3373AF | Tape 'V8' | 2 | Beige |
| | MUC3373JU | Tape 'V8' | 2 | Blue |



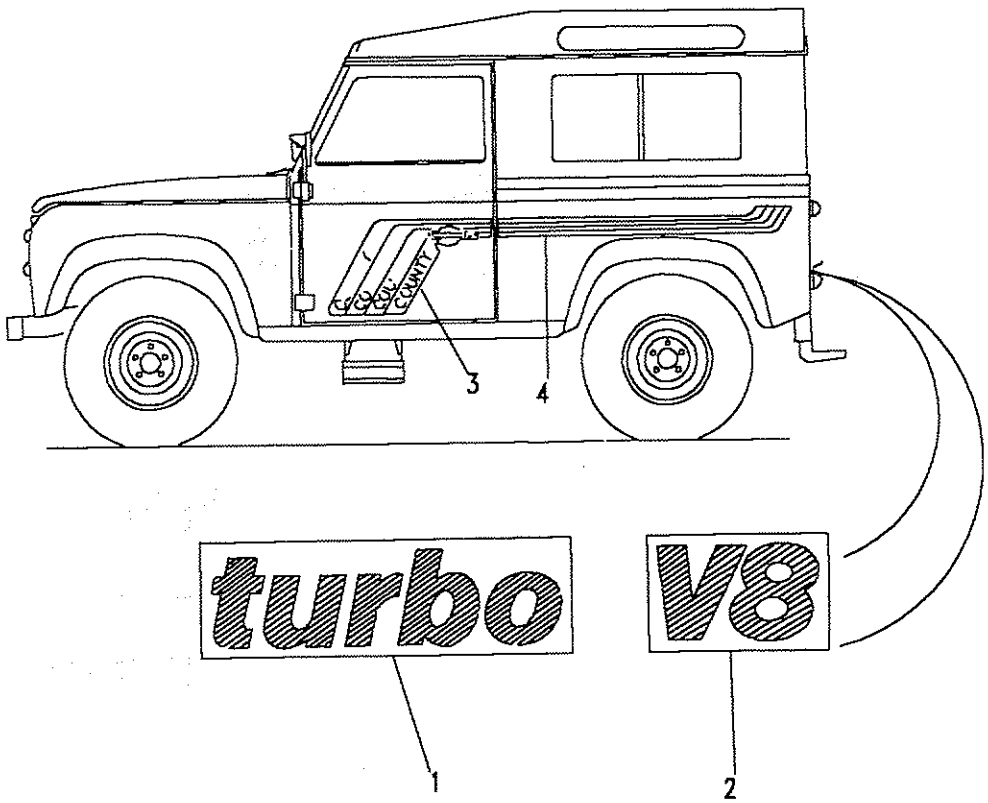




**Model** DEFENDER 90
**Page** ADNXQA4A

**BODY - BODY TAPES**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From DVAD7AA270227, DVAC270484, & DVAV7AA271214** | | | | |
| 1 | MUC6932 | Badge rear 'Turbo' | 1 | Diesel Turbo |
| 2 | MWC2238HA | Tape front door RH | 1 | Green |
| | MWC2237HA | Tape front door LH | 1 | Green |
| | MWC2238LB | Tape front door RH | 1 | Grey |
| | MWC2237LB | Tape front door LH | 1 | Grey |
| 3 | MWC2248HA | Tape body front upper RH | 1 | Green |
| | MWC2247HA | Tape body front upper LH | 1 | Green |
| | MWC2248LB | Tape body front upper RH | 1 | Grey |
| | MWC2247LB | Tape body front upper LH | 1 | Grey |
| 4 | MWC2244HA | Tape body strobe RH | 1 | Green |
| | MWC2243HA | Tape body strobe LH | 1 | Green |
| | MWC2244LB | Tape body strobe RH | 1 | Grey |
| | MWC2243LB | Tape body strobe LH | 1 | Grey |
| 5 | MWC2246HA | Tape 'V8' RH | 1 | Green |
| | MWC2245HA | Tape 'V8' LH | 1 | Green |
| | MWC2246LB | Tape 'V8' RH | 1 | Grey |
| | MWC2245LB | Tape 'V8' LH | 1 | Grey |
| 6 | MWC2250HA | Tape body front lower RH | 1 | Green |
| | MWC2249HA | Tape body front lower LH | 1 | Green |
| | MWC2250LB | Tape body front lower RH | 1 | Grey |
| | MWC2249LB | Tape body front lower LH | 1 | Grey |

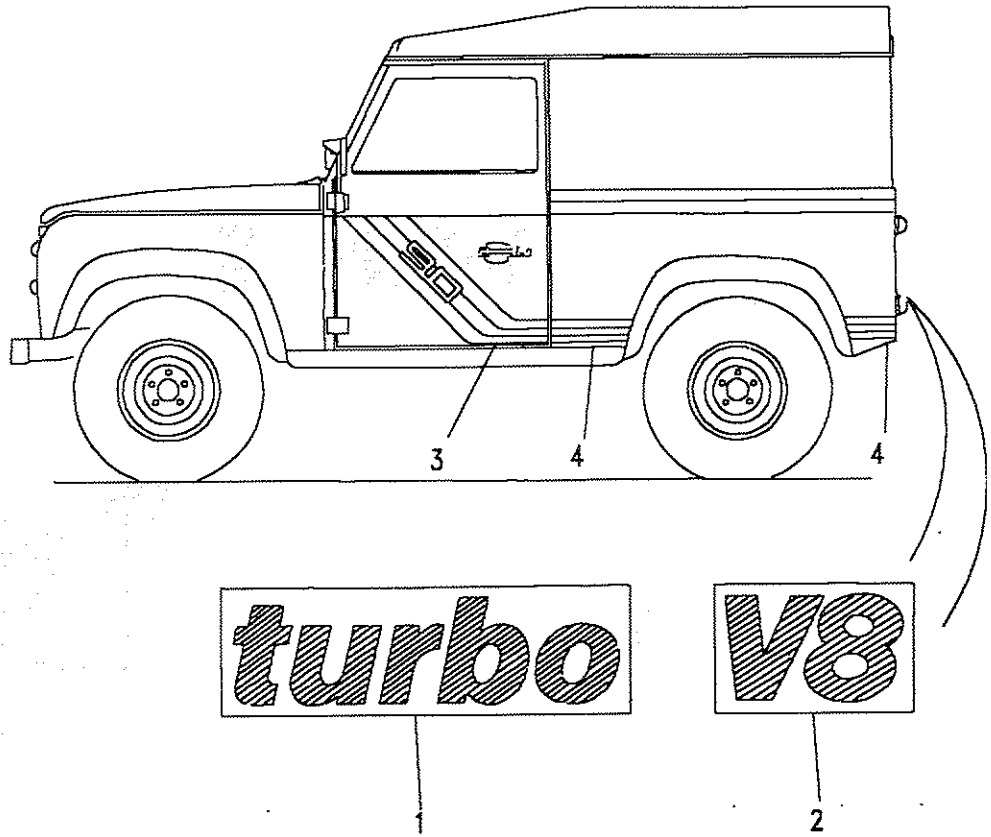



**Model** DEFENDER 90
**Page** ADNXQA5A

**BODY - BODY TAPES**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **1988 Model Year - Non Station Wagon** | | | | |
| **1988 Model Year upto 1991 Model Year - Station Wagon** | | | | |
| 1 | MWC8256LUJ | Badge rear 'Turbo' | 1 | Upto FA414686 |
| | MWC8256MUB | Badge rear 'Turbo' | 1 | From FA414687 |
| 2 | MWC8257LUJ | Badge rear 'V8' | 1 | Upto FA414686 |
| | MWC8257MUB | Badge rear 'V8' | 1 | From FA414687 |
| 3 | MWC7188RUM | Tape front door RH | 1 | |
| | MWC7189RUM | Tape front door LH | 1 | |
| 4 | MWC7194RUM | Tape rear quarterRH | 1 | |
| | MWC7195RUM | Tape rear quarterLH | 1 | |

Note(1) LUJ - Grey
Note(2) RUM - Dark Grey/Silver Strobe
Note(3) MUB - Silver on Black background

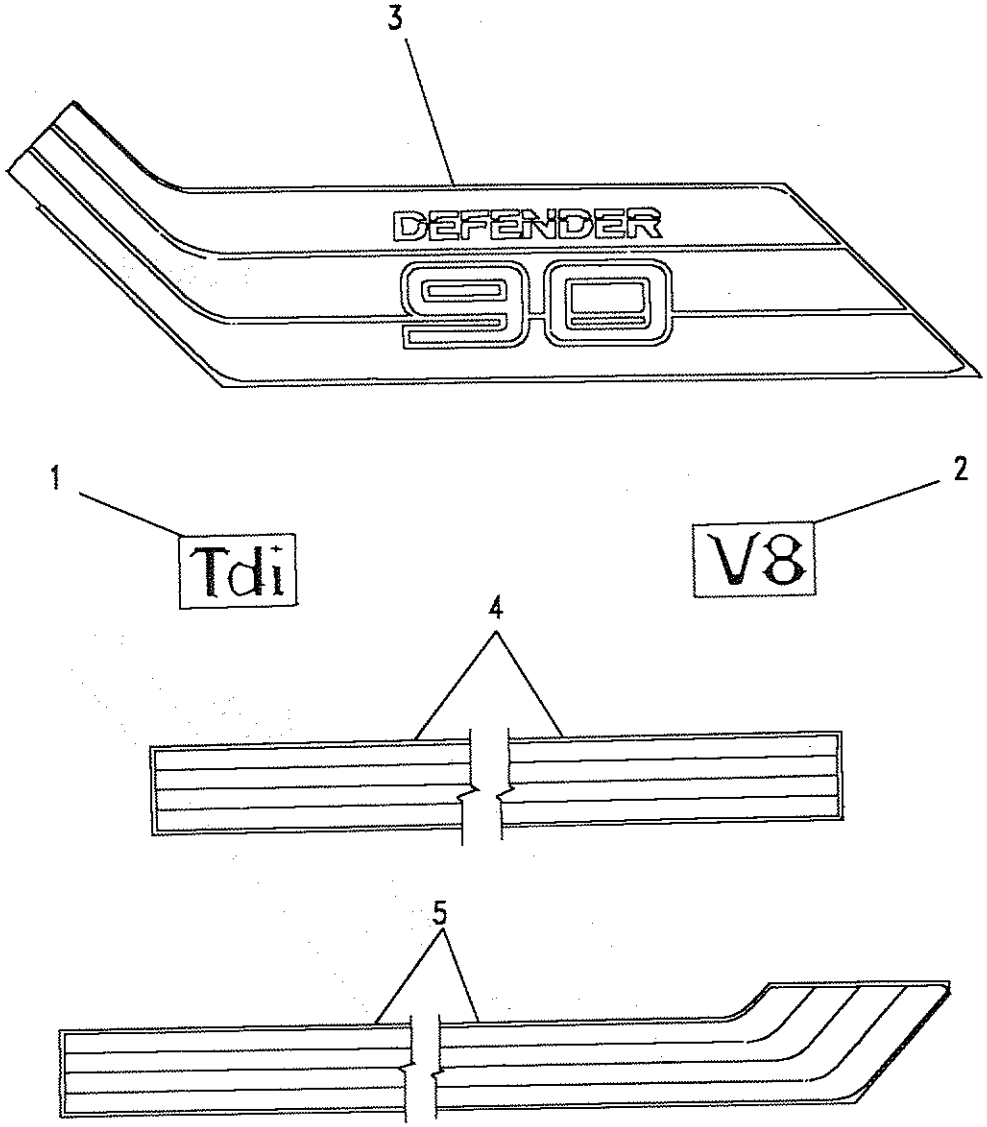



**Model** DEFENDER 90
**Page** ADNXQA6A

## BODY - BODY TAPES

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **1989 Model Year upto 1991 Model Year - Non Station Wagon** | | | | |
| 1 | MWC8256LUJ | Badge rear 'Turbo' | 1 | Upto FA414686 |
| | MWC8256MUB | Badge rear Turbo' | 1 | From FA414687 |
| 2 | MWC8257LUJ | Badge rear 'V8' | 1 | Upto FA414686 |
| | MWC8257MUB | Badge rear 'V8' | 1 | From FA414687 |
| 3 | MXC1872RUP | Tape front door RH | 1 | |
| | MXC1873RUP | Tape front door lh | 1 | |
| 4 | MXC5015RUP | Tape bodyside (1300mm) | A/R | Note(2) |

Note(1) Station Wagon refer to page 905
Note(2) Chassis Cab 500mm, Hard Top/Soft Top 1200mm
Note(3) LUJ - Grey
Note(4) RUP - Silver/Mid Grey/Dark Grey on Ivory background
Note(5) MUB - Silver on Black background

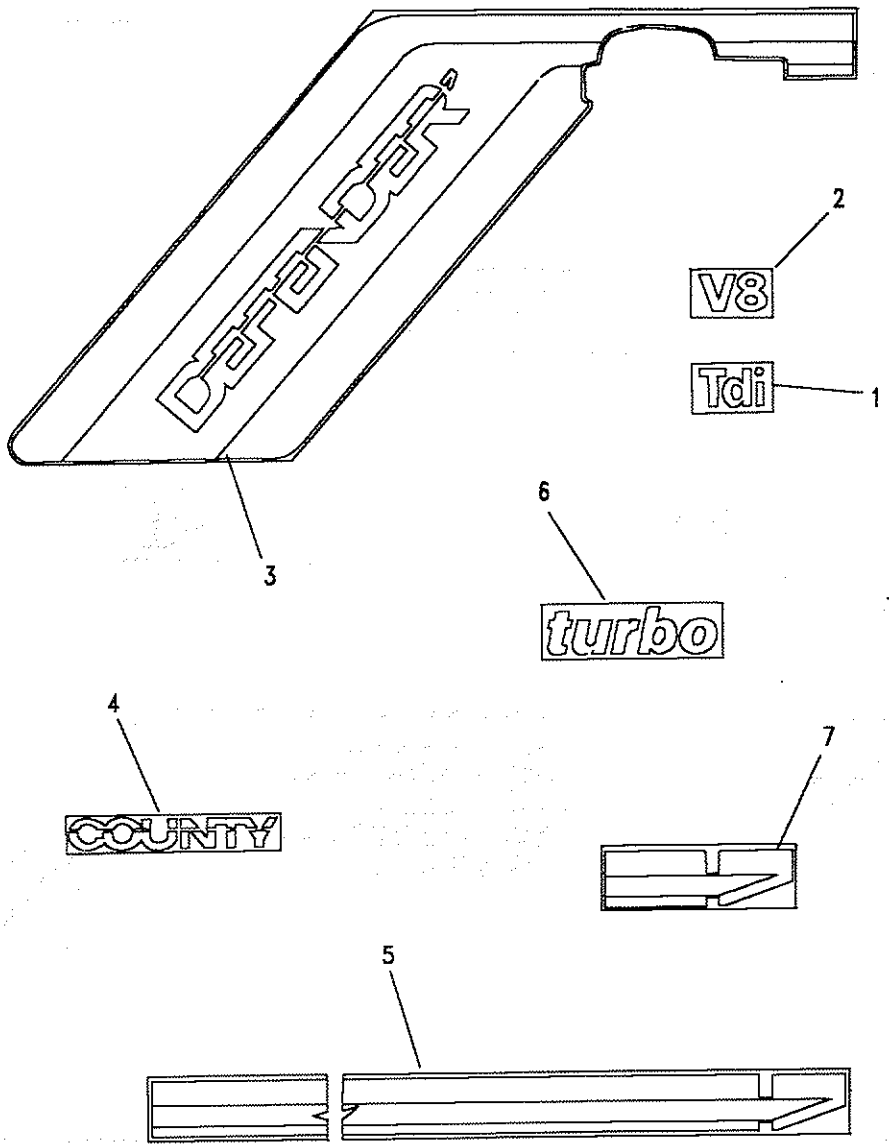



**Model** DEFENDER 90
**Page** ADNXQA7A

**BODY - BODY TAPES**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **1991 Model Year - From HA456061** | | | | |
| 1 | BTR516MUB | Badge front wing 'Tdi' | 2 | |
| 2 | BTR514MUB | Badge front wing 'V8' | 2 | |
| 3 | BTR1052RUK | Tape front door RH | 1 | |
| | BTR1053RUK | Tape front door LH | 1 | |
| **Non Station Wagon** | | | | |
| 4 | BTR98RUK | Tape bodyside (1300mm) | A/R | Note(1) |
| **Station Wagon** | | | | |
| 5 | BTR166RUV | Tape bodyside RH | 1 | |
| | BTR167RUV | Tape bodyside LH | 1 | |

Note(1) Chassis Cab 500mm,Hard Top/Soft Top 1200mm
Note(2) MUB - Silver on Black background
Note(3) RUK - Multi Green - Light Red on Dark Green/Greenish White/Turquoise
Note(4) RUV - Strobe Blue - Greenish White/Pale Blue/Bright Blue/Mid Blue

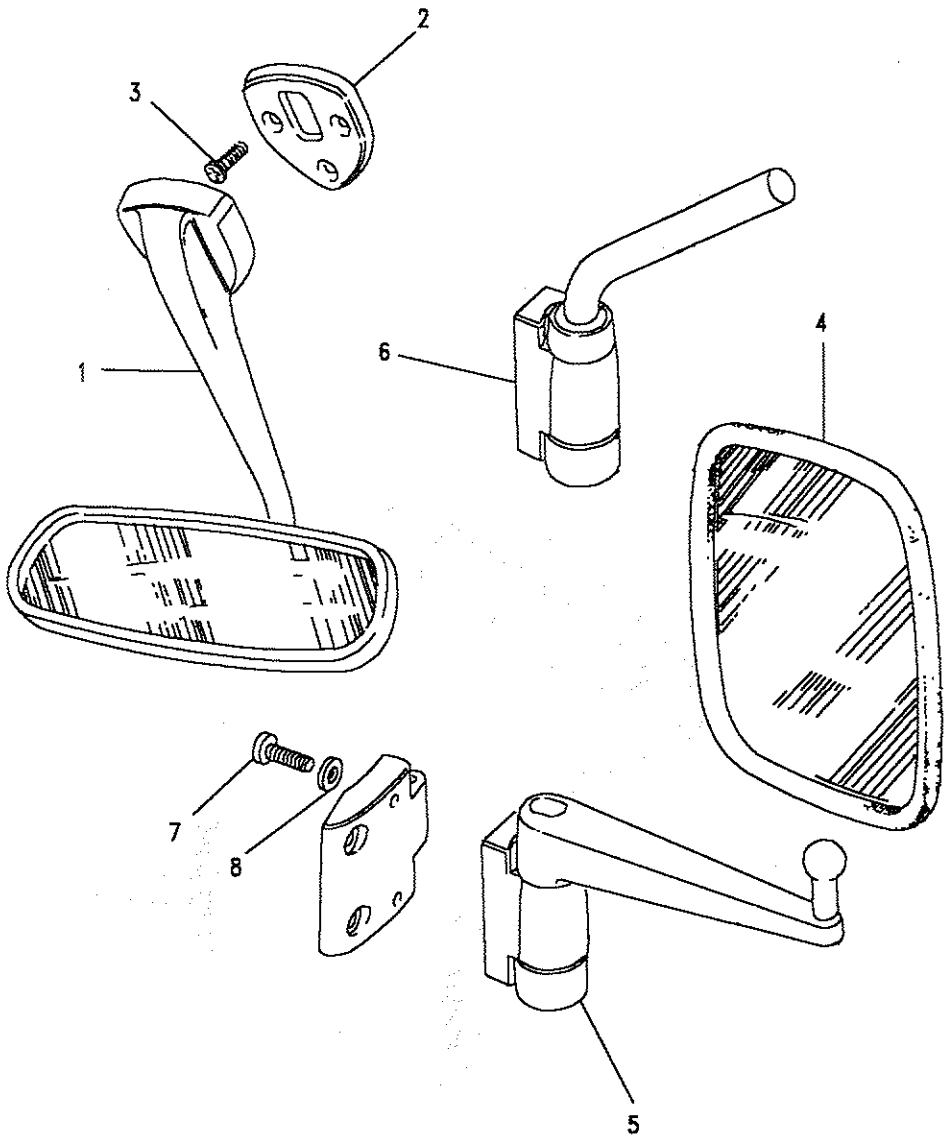



**Model** DEFENDER 90
**Page** ADNXQA8A

**BODY - BODY TAPES**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From 1992 Model Year** | | | | |
| 1 | BTR516LVA | Badge front wing 'Tdi' | 2 | |
| 2 | BTR514LVA | Badge front wing 'V8' | 2 | |
| 3 | BTR2408RWF | Tape front door RH | 1 | |
| | BTR2407RWF | Tape front door LH | 1 | |
| 4 | BTR2413SUJ | Tape bodyside 'County' | 2 | |
| 5 | BTR2416RWF | Tape bodyside RH | 1 | JA906581 |
| | BTR2417RWF | Tape bodyside LH | 1 | JA906581 |
| 6 | MWC8256LVA | Badge rear 'Turbo' | 1 | |
| 7 | BTR2414RWF | Tape bodyside RH | 1 | Chassis Cab |
| | BTR2415RWF | Tape bodyside LH | 1 | Chassis Cab |

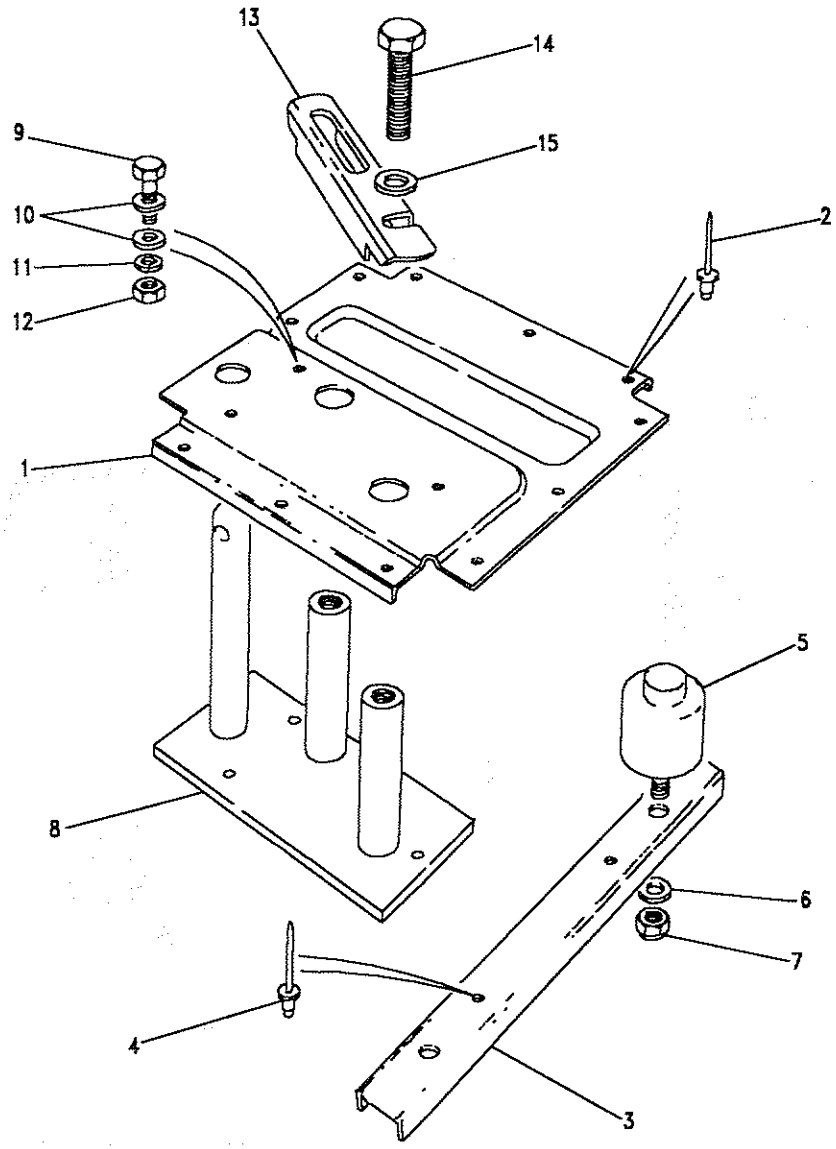
Note(1) LVA - Light Grey
Note(2) RWF - Light Grey and Dark Grey
Note(3) SUJ - Beige




**Model** DEFENDER 90
**Page** ADNXRA1A

## BODY - MIRRORS - INTERIOR AND EXTERIOR

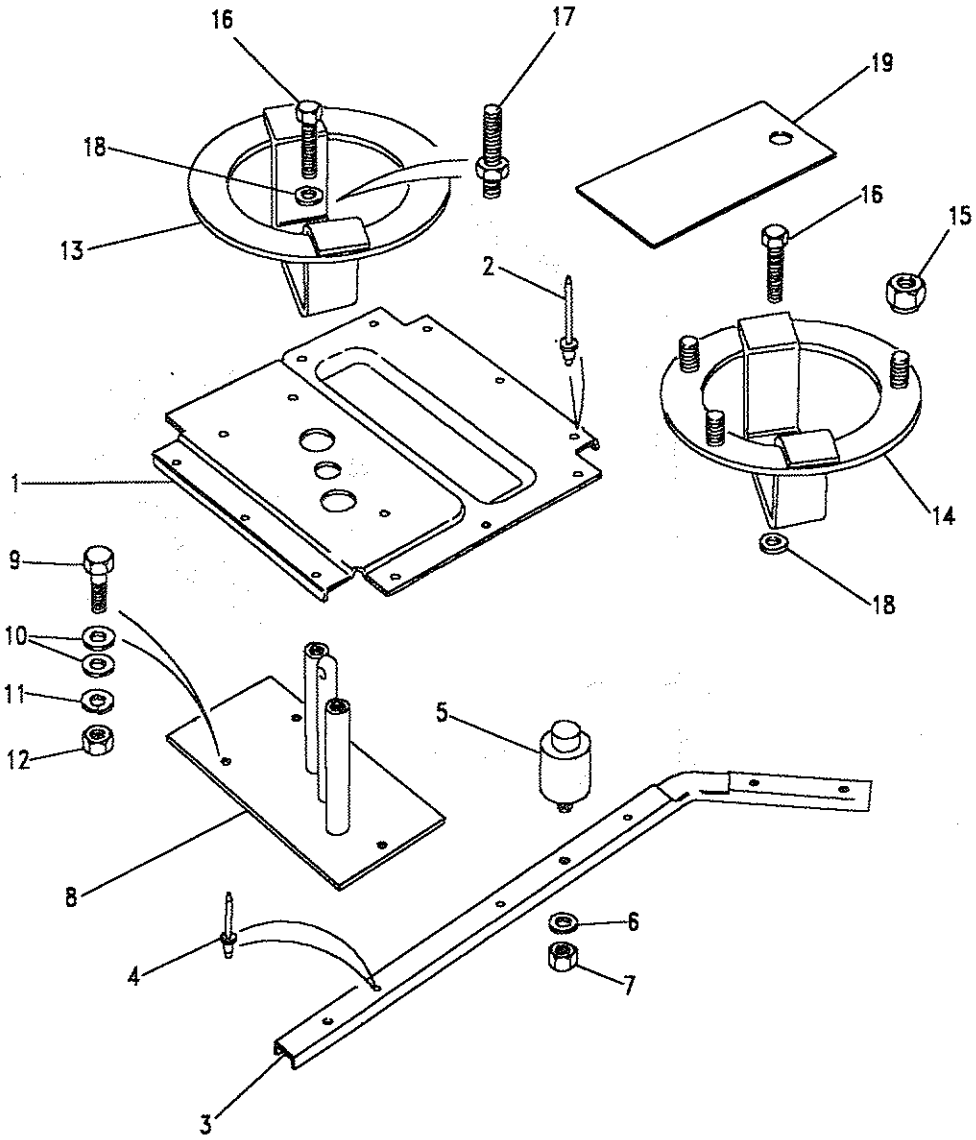
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC6376 | Mirror interior | 1 | |
| | MXC3340 | Mirror interior | 1 | 90SV Only |
| 2 | 372336 | Base plate | 1 | |
| 3 | SF104204L | Screw | 3 | Vehicles with trim |
| | SF104164 | Screw | 3 | Vehicles less trim |
| 4 | MTC5084 | Mirror head | 2 | Convex |
| | RTC4341 | Mirror glass | 2 | |
| 5 | MTC5083 | Mirror arm | 2 | |
| 6 | SE604071L | Screw | 4 | |
| 7 | MRC1979 | Washer nylon | 4 | |




**Model** DEFENDER 90
**Page** ADNXTA1A

**BODY - SPARE WHEEL CARRIER ON BONNET - TYPE A**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC3594 | Plate | 1 | |
| 2 | RA612183 | Rivet | 11 | |
| 3 | MTC4570 | Channel | 2 | |
| 4 | RA612183 | Rivet | 4 | |
| 5 | MRC4619 | Buffer rubber | 4 | |
| 6 | WB108051L | Washer plain | 4 | |
| 7 | NY108041L | Nut | 4 | |
| 8 | MTC3598 | Plate clamping | 1 | |
| 9 | SH105161L | Screw | 3 | |
| 10 | WA105001L | Washer plain | 6 | |
| 11 | WL105001L | Washer spring | 3 | |
| 12 | NH105041L | Nut | 3 | |
| 13 | MRC5063 | Retainer spare wheel | 1 | |
| 14 | MRC4473 | Bolt | 2 | |
| 15 | WD112081L | Washer plain | 2 | |

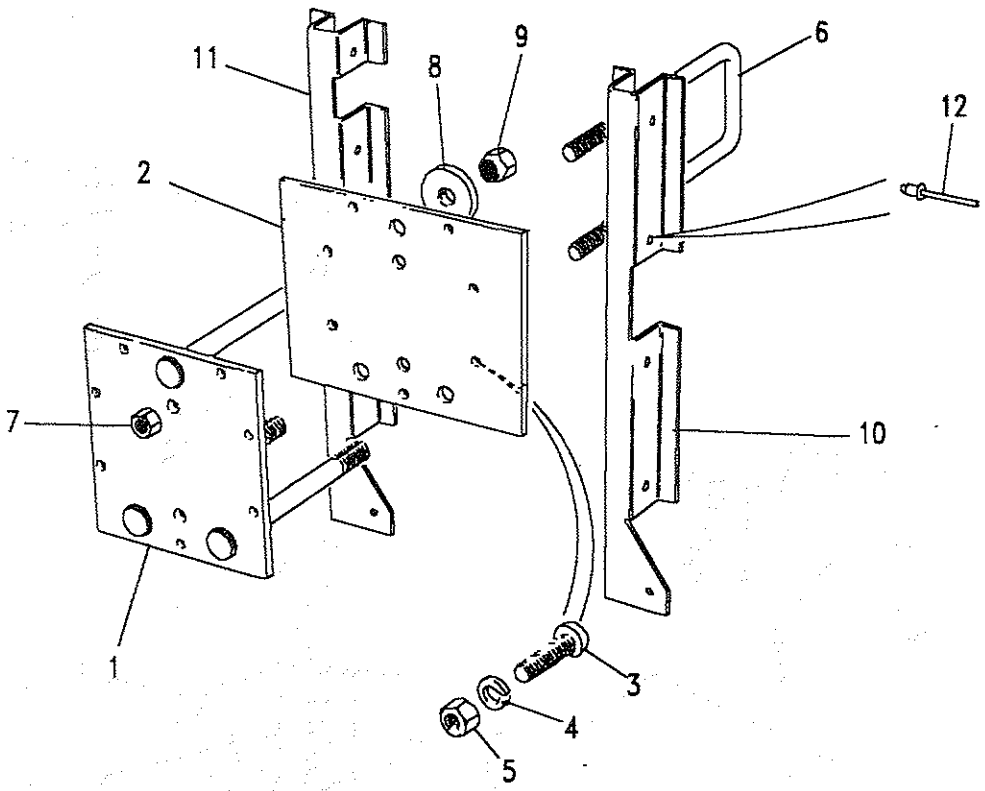



**Model** DEFENDER 90
**Page** ADNXTA2A

## BODY - SPARE WHEEL MOUNTING ON BONNET - TYPE B

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC2443 | Plate | 1 | |
| 2 | RA612183 | Rivet | 11 | |
| 3 | MUC6418 | Channel RH | 1 | |
| | MUC6419 | Channel LH | 1 | |
| 4 | RA612183 | Rivet | 10 | |
| 5 | MRC4619 | Buffer rubber | 4 | |
| 6 | WB108051L | Washer plain | 4 | |
| 7 | NY108041L | Nut | 4 | |
| 8 | MUC2442 | Plate clamping | 1 | |
| 9 | SH105161L | Screw | 3 | |
| 10 | WA105001L | Washer plain | 6 | |
| 11 | WL105001L | Washer spring | 3 | |
| 12 | NH105041L | Nut | 3 | |
| 13 | MUC2440 | Retainer | 1 | Note(1) |
| 14 | MWC4309 | Retainer | 1 | Note(2) Upto HA906597 |
| | ALR2380 | Retainer | 1 | Note(2) From JA906598 |
| 15 | 90577473 | Wheelnut | 3 | Note(2) |
| 16 | MRC4473 | Bolt | 2 | Note(1) |
| 17 | BTR549 | Screw | 1 | Note(1) From 1991MY |
| 18 | WD112081L | Washer plain | 2 | |
| 19 | BTR550 | Plate cover | 1 | Note(2) From 1991MY |

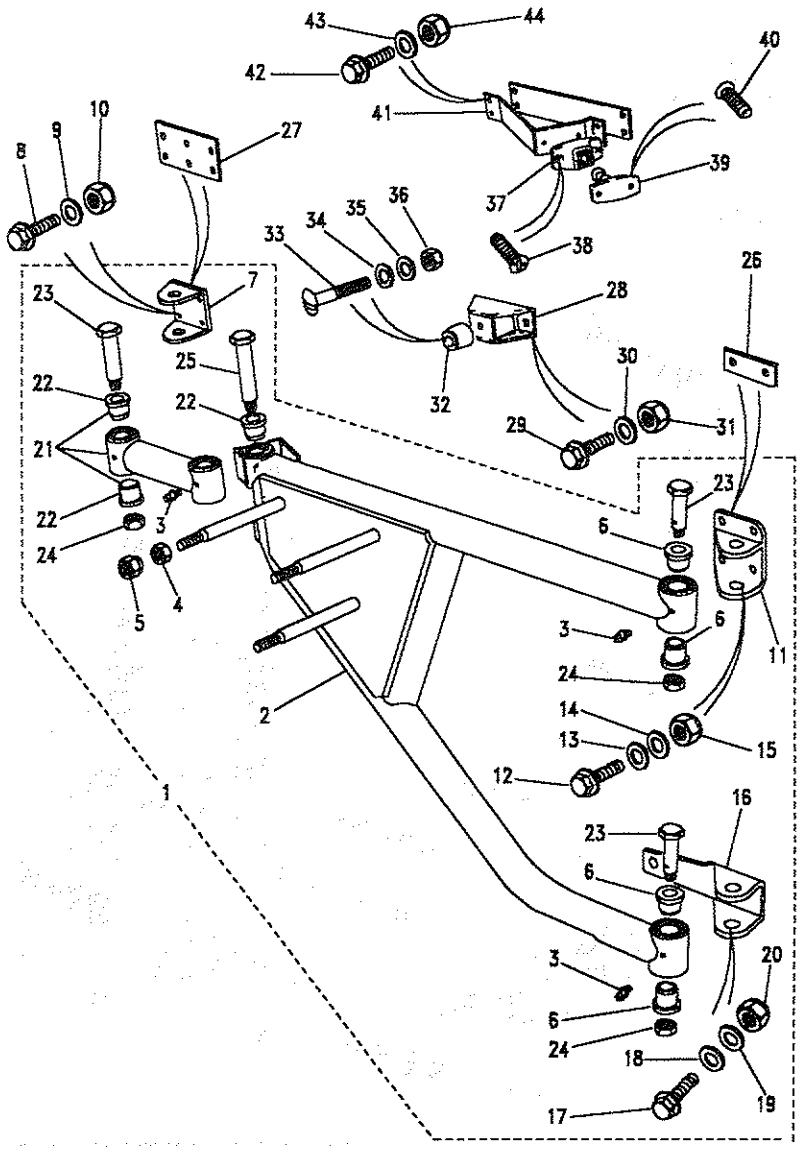
Note(1) When Defender wheels fitted
Note(2) When Range Rover wheels fitted




**Model** DEFENDER 90
**Page** ADNXTA3A

**BODY - SPARE WHEEL CARRIER - REAR END DOOR**

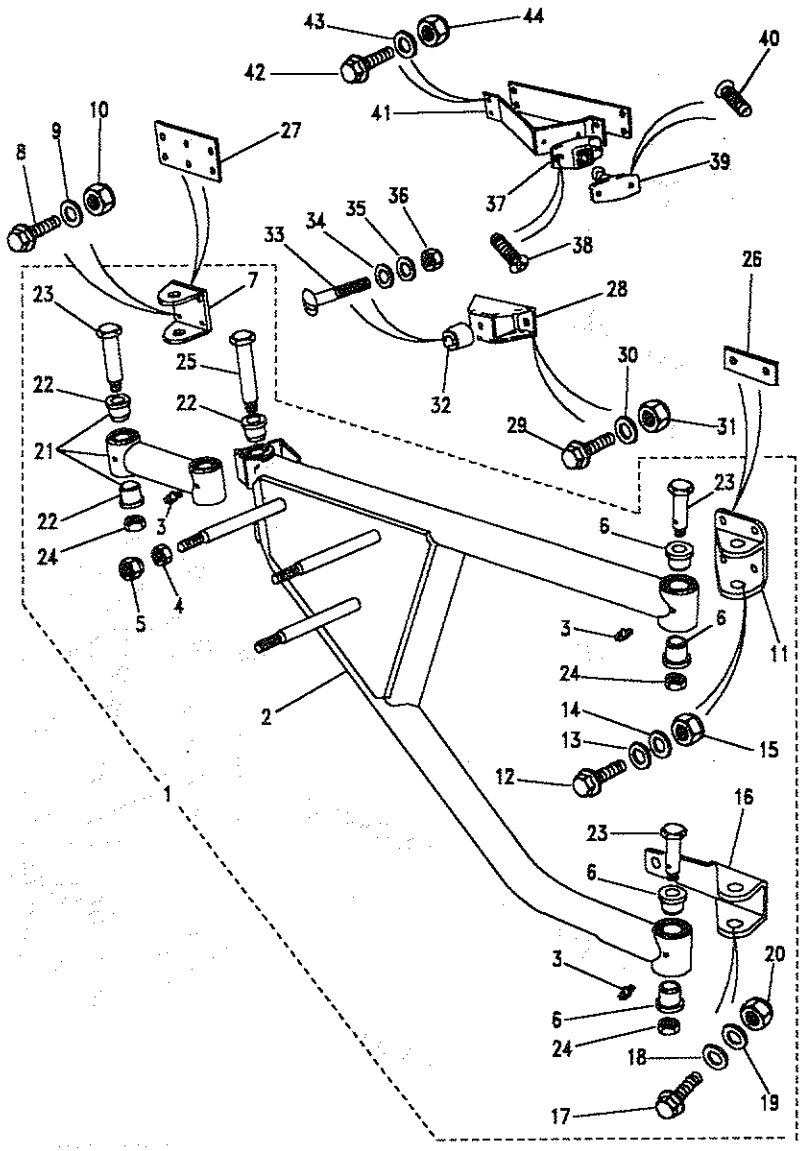
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | ALR2377 | Carrier spare wheel | 1 | |
| | MUC2934 | Plate clamp | 1 | Upto FA423115 |
| 2 | MXC7228 | Plate clamp | 1 | From FA423116 Upto HA906580 |
| | ALR2378 | Plate clamp | 1 | From JA906581 |
| 3 | SE106251L | Screw | 7 | Upto FA423115 |
| 4 | WL106001L | Washer spring | 7 | Upto FA423115 |
| 5 | NH106041L | Nut | 7 | Upto FA423115 |
| | SE106251L | Screw | 11 | From FA423116 |
| | WL106001L | Washer spring | 11 | From FA423116 |
| | NH106041L | Nut | 11 | From FA423116 |
| 6 | MUC2364 | U bolt | 1 | Upto HA906580 |
| 7 | NH112041L | Nut | 4 | Upto HA906580 |
| 8 | MUC2368 | Washer threaded | 3 | )Alternatives |
| | MUC4546 | Nut M16 | 3 | ) |
| 9 | 90577473 | Wheel Nut | 3 | |
| 10 | MXC7226 | Stiffener RH | 1 | From FA423116 |
| 11 | MXC7227 | Stiffener LH | 1 | From FA423116 |
| 12 | 78248 | Rivet | 22 | From FA423116 |




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**Page** ADNXTA4A

**BODY - SPARE WHEEL CARRIER - TAILBOARD - 90SV**

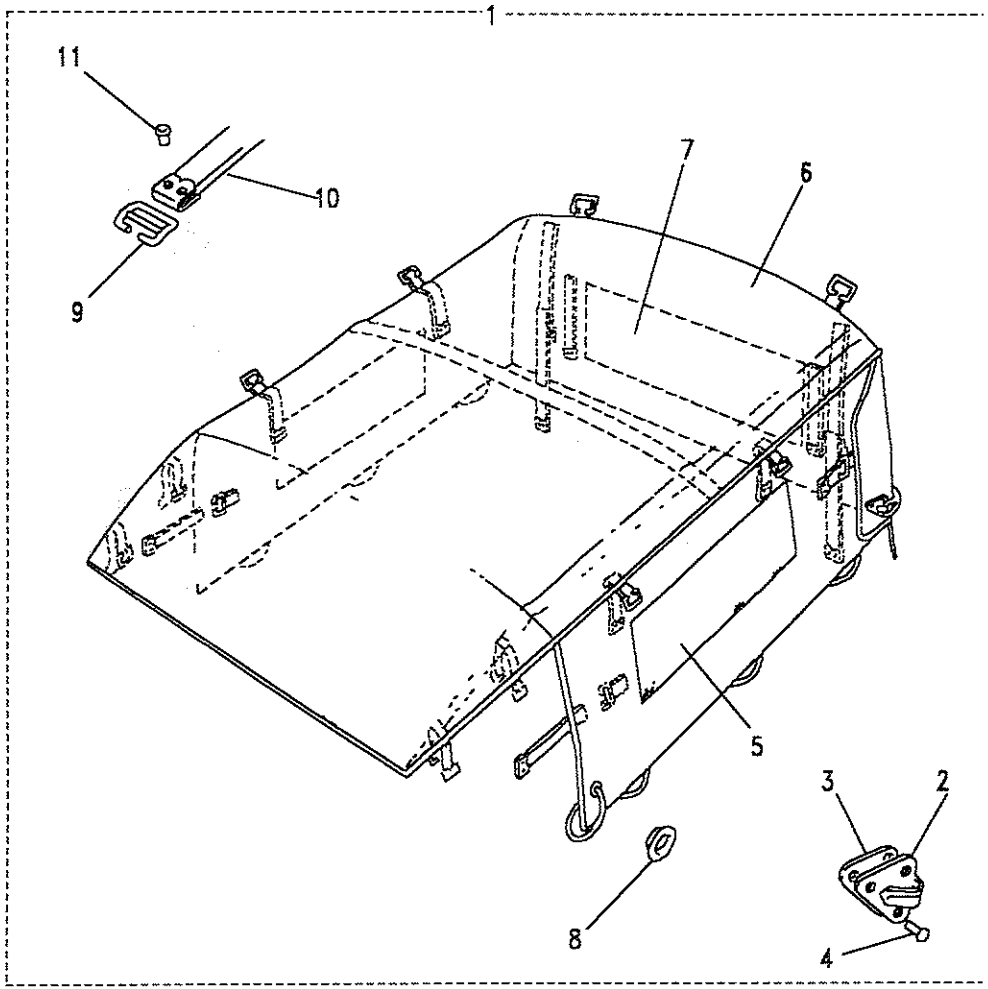
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | BTR8714 | Carrier spare wheel assy | 1 | |
| 2 | BTR8720 | Frame spare wheel carrier | 1 | |
| 3 | RRC2898 | Grease nipple | 4 | |
| 4 | MUC4546 | Nut M16 | 3 | |
| 5 | 90577473 | Wheelnut | 3 | |
| 6 | RRC5266 | Bush | 4 | |
| 7 | ANR3145 | Bracket pivot | 1 | |
| 8 | FS106201 | Screw | 6 | |
| 9 | WA106041L | Washer plain | 8 | |
| 10 | NY106041L | Nut | 2 | |
| 11 | RRC5739 | Pivot bracket upper | 1 | |
| 12 | FS108251L | Screw | 4 | |
| 13 | WA108051L | Washer plain | 4 | |
| 14 | WC108051L | Washer plain | 1 | |
| 15 | NY108041L | Nut | 2 | |
| 16 | RRC5115 | Pivot bracket lower | 1 | |
| 17 | FS108301 | Screw | 2 | |
| 18 | WA108051L | Washer plain | 2 | |
| 19 | WC108051L | Washer plain | 2 | |
| 20 | NY108041L | Nut | 2 | |
| 21 | RRC5262 | Pivot tube assy | 1 | |
| 22 | RRC5266 | Bush | 4 | |
| 23 | RRC5264 | Pivot bolt short | 3 | |
| 24 | NT112041L | Nut thin M12 | 3 | |
| 25 | RRC5761 | Pivot bolt long | 1 | |
| 26 | ANR3099 | Reinfmnt upper mntng brkt | 1 | |
| 27 | RRC5277 | Reinforcement plate | 1 | |




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**Page** ADNXTA4A

**BODY - SPARE WHEEL CARRIER - TAILBOARD - 90SV**

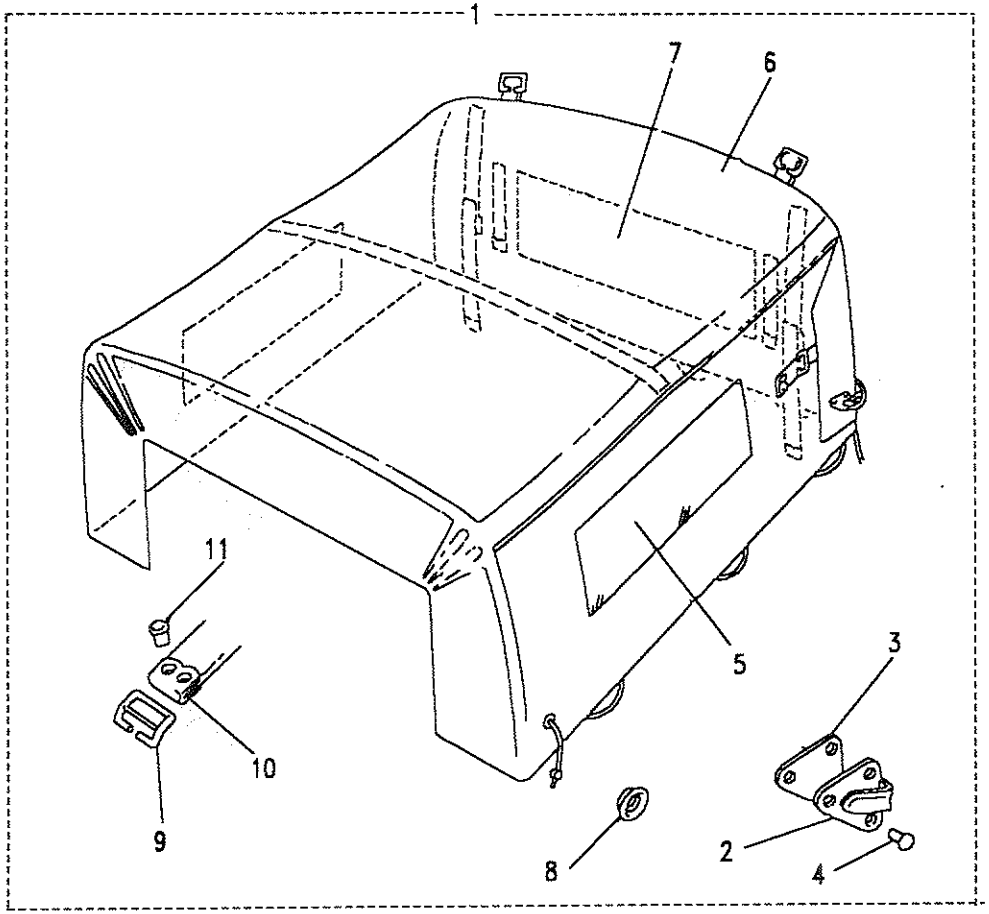
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 28 | RRC2241 | Bracket buffer | 1 | |
| 29 | FS106201 | Screw | 2 | |
| 30 | WA106041L | Washer plain | 2 | |
| 31 | NY106041L | Nut | 2 | |
| 32 | 304125 | Buffer | 1 | |
| 33 | SP105251 | Screw | 1 | |
| 34 | WA105001L | Washer plain | 2 | |
| 35 | WJ600041L | Washer plain | 2 | |
| 36 | NY105041L | Nut | 1 | |
| 37 | ANR3118 | Catch female | 1 | |
| 39 | ANR3117 | Catch male | 1 | |
| 40 | SF105121 | Screw | 2 | |
| 41 | RRC5278 | Bracket female catch | 1 | |
| 42 | FS106201 | Screw | 4 | |
| 43 | WA106041L | Washer plain | 8 | |
| 44 | NY106041L | Nut | 4 | |




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## BODY - HOOD - FULL LENGTH

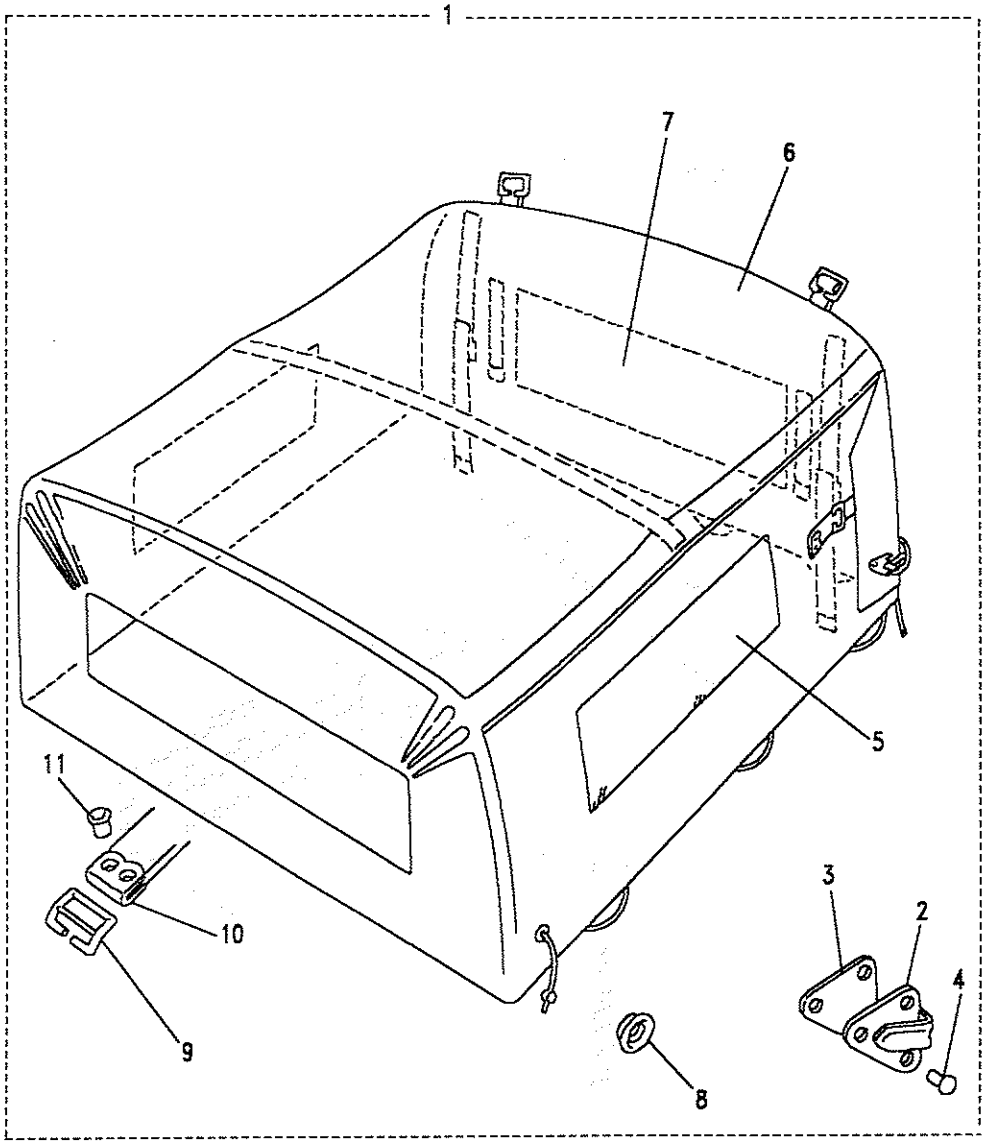
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **With side windows** | | | | |
| 1 | MTC8195AE | Hood | 1 | Matt Sand Upto VIN 224093 |
| | MUC4122AG | Hood | 1 | Khaki Green From VIN 224094 |
| | MUC4122ABE | Hood | 1 | Matt Sand From VIN 224094 |
| **With plain sides** | | | | |
| 1 | MTC8194AE | Hood | 1 | Matt Sand Upto VIN 224093 |
| | MUC4121AG | Hood | 1 | Khaki Green From VIN 224094 |
| | MUC4121ABE | Hood | 1 | Matt Sand From VIN 224094 |
| 2 | 304797 | Rope hook | 2 | |
| 3 | 301343 | Washer plate | 2 | |
| 4 | RF608041 | Rivet | 6 | Upto VIN 224093 |
| | 3547 | Rivet | 6 | From VIN 224094 |
| 5 | MTC4313 | Sidelight | 2 | |
| 6 | MWC1092AG | Rear curtain | 1 | Khaki Green No longer available |
| | MTC7193AE | Rear curtain | 1 | Matt Sand |
| 7 | MTC4313 | Backlight | 1 | |
| | 331221 | Rope rear curtain | 1 | |
| | 331222 | Rope hood top and sides | 1 | |
| 8 | 301321 | Eyelet | A/R | |
| | 301320 | Eyelet | A/R | No longer serviced |
| 9 | 300953 | Buckle | A/R | |
| 10 | 300954 | End cap | A/R | |
| 11 | 396800 | Eyelet | A/R | |




**Model** DEFENDER 90
**Page** ADNXUA2A

## BODY - HOOD - THREE QUARTER LENGTH

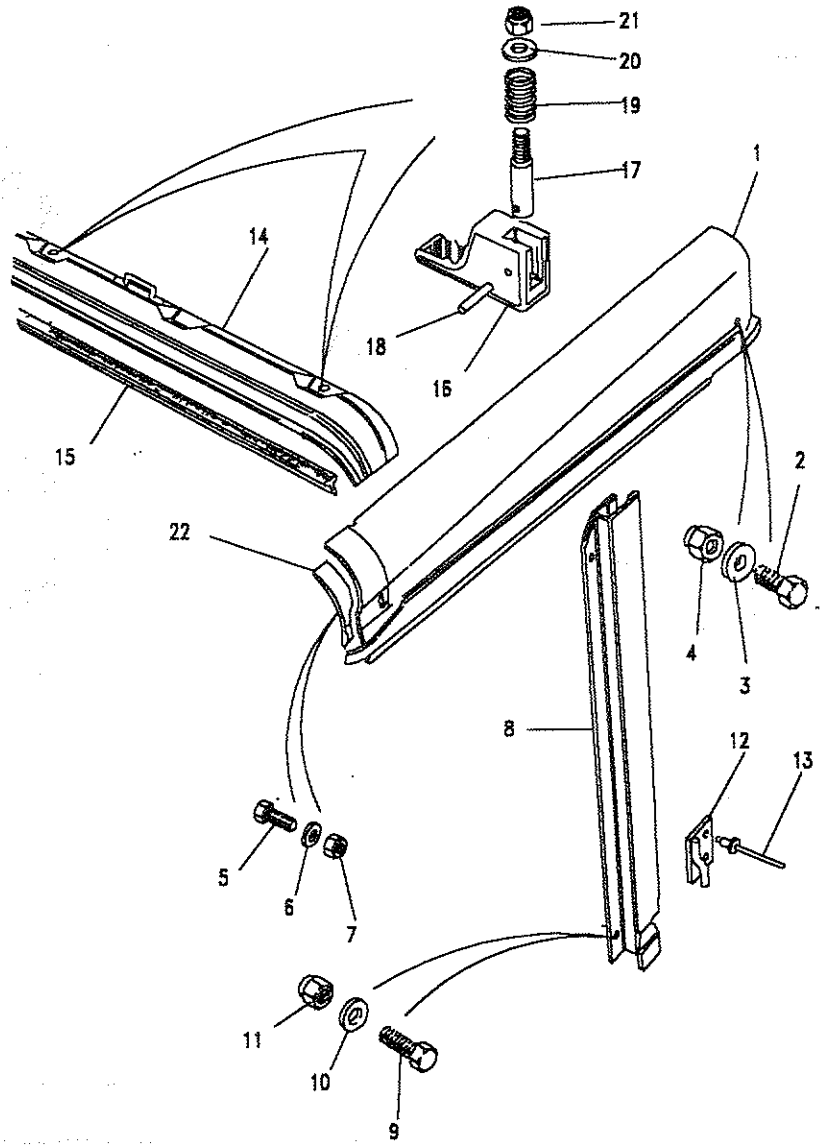
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | **Cab fixing - Upto VIN 281949** | | | |
| | **With side windows** | | | |
| | MTC8197AG | Hood | 1 | Khaki Green |
| 1 | MTC8197AE | Hood | 1 | Matt Sand |
| | **With plain sides** | | | |
| | MTC8196AG | Hood | 1 | Khaki Green |
| 1 | MTC8196AE | Hood | 1 | Matt Sand |
| 2 | 304797 | Rope hook | 2 | |
| 3 | 301343 | Washer plate | 2 | |
| 4 | RF608041 | Rivet | 6 | |
| 5 | MTC4314 | Sidelight | 2 | |
| 6 | MWC1092AG | Rear Curtain | 1 | Khaki Green No longer available |
| | MTC7193AE | Rear curtain | 1 | Matt Sand |
| 7 | MTC4313 | Backlight | 1 | |
| | 331221 | Rope rear curtain | 1 | |
| | 331222 | Rope hood top and sides | 1 | |
| 8 | 301321 | Eyelet | A/R | |
| | 301320 | Eyelet | A/R | No longer serviced |
| 9 | 300953 | Buckle | A/R | |
| 10 | 300954 | End cap | A/R | |
| 11 | 396800 | Eyelet | A/R | |




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**Page** ADNXUA3A

## BODY - HOOD - THREE QUARTER LENGTH

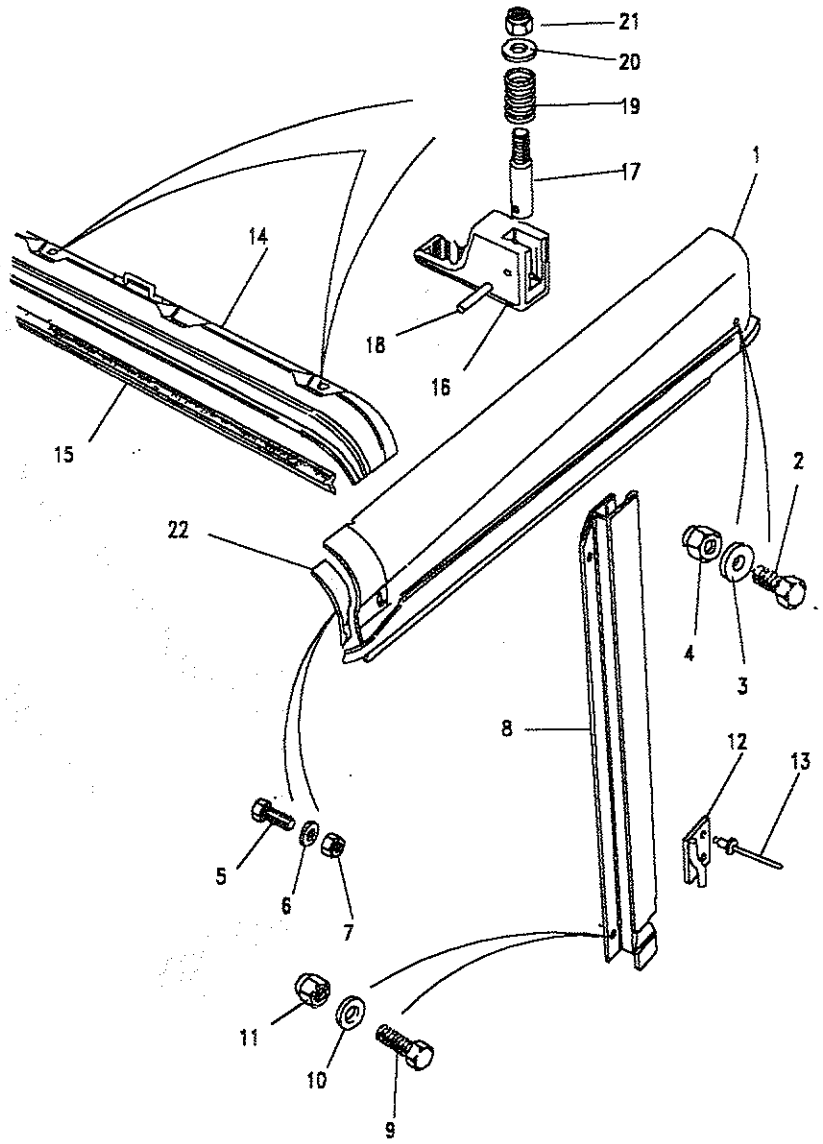
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Bulkhead fixing - From VIN 281950** | | | | |
| **With side windows** | | | | |
| 1 | MUC7914AG | Hood | 1 | Khaki Green |
| | MUC7914AE | Hood | 1 | Matt Sand |
| **With plain sides** | | | | |
| 1 | MUC7913AG | Hood | 1 | Khaki Green |
| | MUC7913AE | Hood | 1 | Matt Sand |
| 2 | 304797 | Rope hook | 2 | |
| 3 | 301343 | Washer plate | 2 | |
| 4 | RF608041 | Rivet | 6 | |
| 5 | MTC4314 | Sidelight | 2 | |
| 6 | MWC1092AG | Rear curtain | 1 | Khaki Green<br>No longer available |
| | MTC7193AE | Rear curtain | 1 | Matt Sand |
| 7 | MTC4313 | Backlight | 1 | |
| | 331221 | Rope rear curtain | 1 | |
| | 331222 | Rope hood top and sides | 1 | |
| 8 | 301321 | Eyelet | A/R | |
| | 301320 | Eyelet | A/R | No longer serviced |
| 9 | 300953 | Buckle | A/R | |
| 10 | 300954 | End cap | A/R | |
| 11 | 396800 | Eyelet | A/R | |




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## BODY - DRAIN CHANNELS - FULL LENGTH HOOD

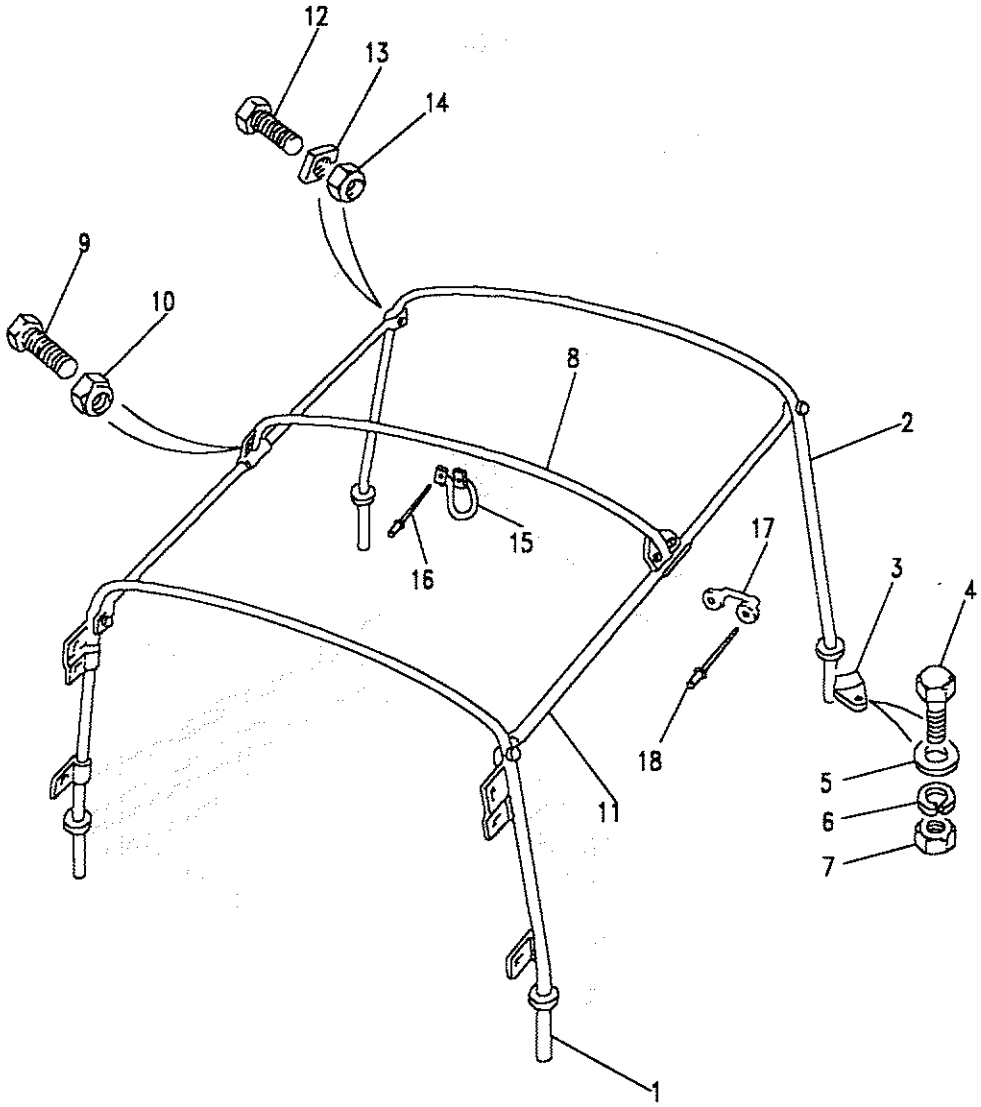
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC6992 | Channel top drain RH | 1 | Upto 224093 |
| | MTC6993 | Channel top drain LH | 1 | Upto 224093 |
| | RRC3972 | Channel top drain RH | 1 | From 224094 |
| | RRC3973 | Channel top drain LH | 1 | From 224094 |
| 2 | FS106201L | Flange screw | 2 | |
| 3 | AFU1080 | Washer plain | 2 | |
| 4 | NY106041L | Nut | 2 | |
| 5 | FS106167L | Screw | 2 | |
| 6 | AFU1080 | Washer plain | 2 | |
| 7 | NY106041L | Nut | 2 | |
| 8 | MTC5428 | Channel side drain RH | 1 | |
| | MTC5429 | Channel side drain LH | 1 | |
| 9 | FS106167L | Screw | 4 | |
| 10 | AFU1080 | Washer plain | 8 | |
| 11 | NY106041L | Nut | 4 | |
| 12 | 330578 | Hook RH | 1 | Front |
| | 330579 | Hook LH | 1 | Front |
| 13 | 78248 | Rivet | 4 | |
| 14 | MTC6626 | Header Rail | 1 | Upto 224093 |
| | MTC9773 | Header Rail | 1 | From 224094 |
| 15 | MTC7252 | Seal | 1 | |




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**Page** ADNXUC1A

## BODY - DRAIN CHANNELS - FULL LENGTH HOOD

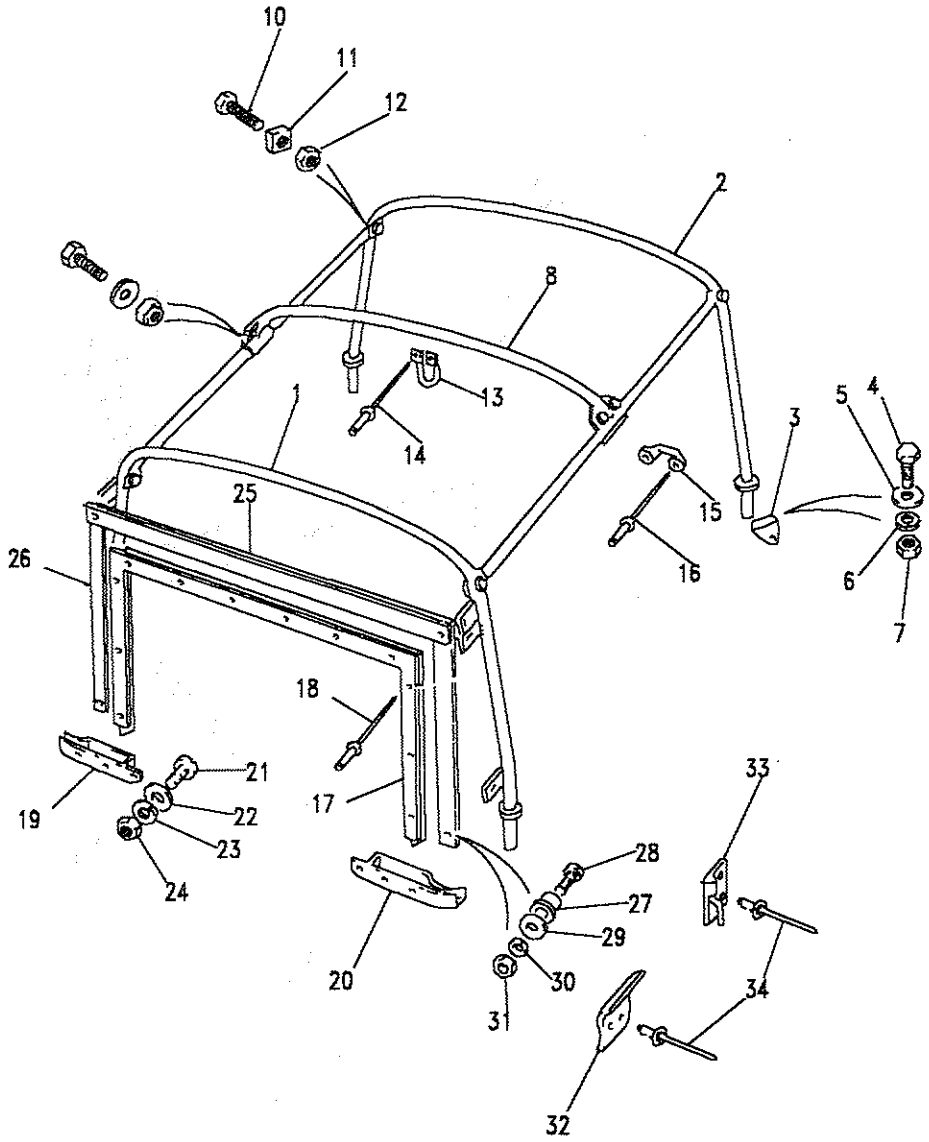
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 16 | MTC4581 | Handle | 4 | |
| 17 | MTC4583 | Spindle | 4 | |
| 18 | PA106201 | Pin spring | 4 | |
| 19 | MTC4584 | Spring | 4 | |
| 20 | WC106041L | Washer plain | 4 | |
| 21 | NY106041L | Nut | 4 | |
| 22 | MTC7431 | Seal | 2 | |
| **From VIN 224094** | | | | |
| | AFU4162 | Hook<br>-top drain channel | 6 | |
| | MUC4538 | Seal<br>-top drn chnnl to hdstck | 2 | |
| | MUC4061ACG | Strap<br>-hood to header rail | 2 | Khaki Green |
| | MUC4061ABE | Strap<br>-hood to header rail | 2 | Matt Sand |




**Model** DEFENDER 90
**Page** ADNXUC2A

## BODY - HOODSTICKS - FULL LENGTH HOOD

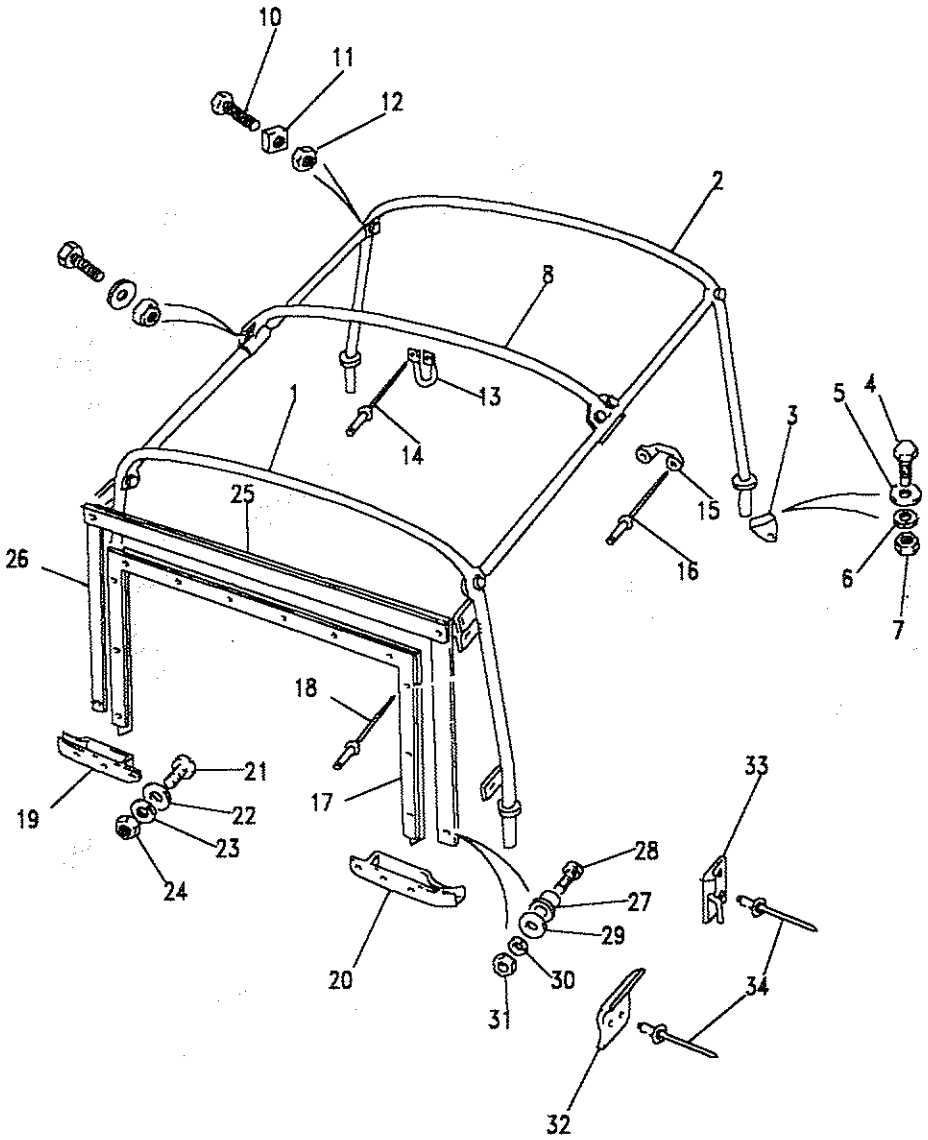
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 330551 | Hoodstick front | 1 | Upto 224093 |
| | MUC4524 | Hoodstick front | 1 | From 224094 |
| 2 | 330553 | Hoodstick rear | 1 | |
| 3 | 304301 | Clamp | 4 | |
| 4 | FS108251L | Screw | 4 | |
| 5 | WA108051L | Washer plain | 4 | |
| 6 | WL108001L | Washer spring | 4 | |
| 7 | FN108041L | Nut | 4 | |
| 8 | 330557 | Hoodstick intermediate | 1 | |
| 9 | FS106167L | Screw | 4 | |
| 10 | NY106041L | Nut | 4 | |
| 11 | MUC1081 | Tie tube | 2 | |
| 12 | SA106351 | Screw | 4 | |
| 13 | NS106011 | Nut | 4 | |
| 14 | NY106041L | Nut | 4 | |
| 15 | 345699 | Rope hook | 2 | |
| 16 | RR612103 | Rivet | 4 | |
| 17 | 395143 | Staple | 2 | |
| 18 | RA612373L | Rivet | 4 | |




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**Page** ADNXUC3A

## BODY - HOODSTICKS - THREE QUARTER LENGTH HOOD

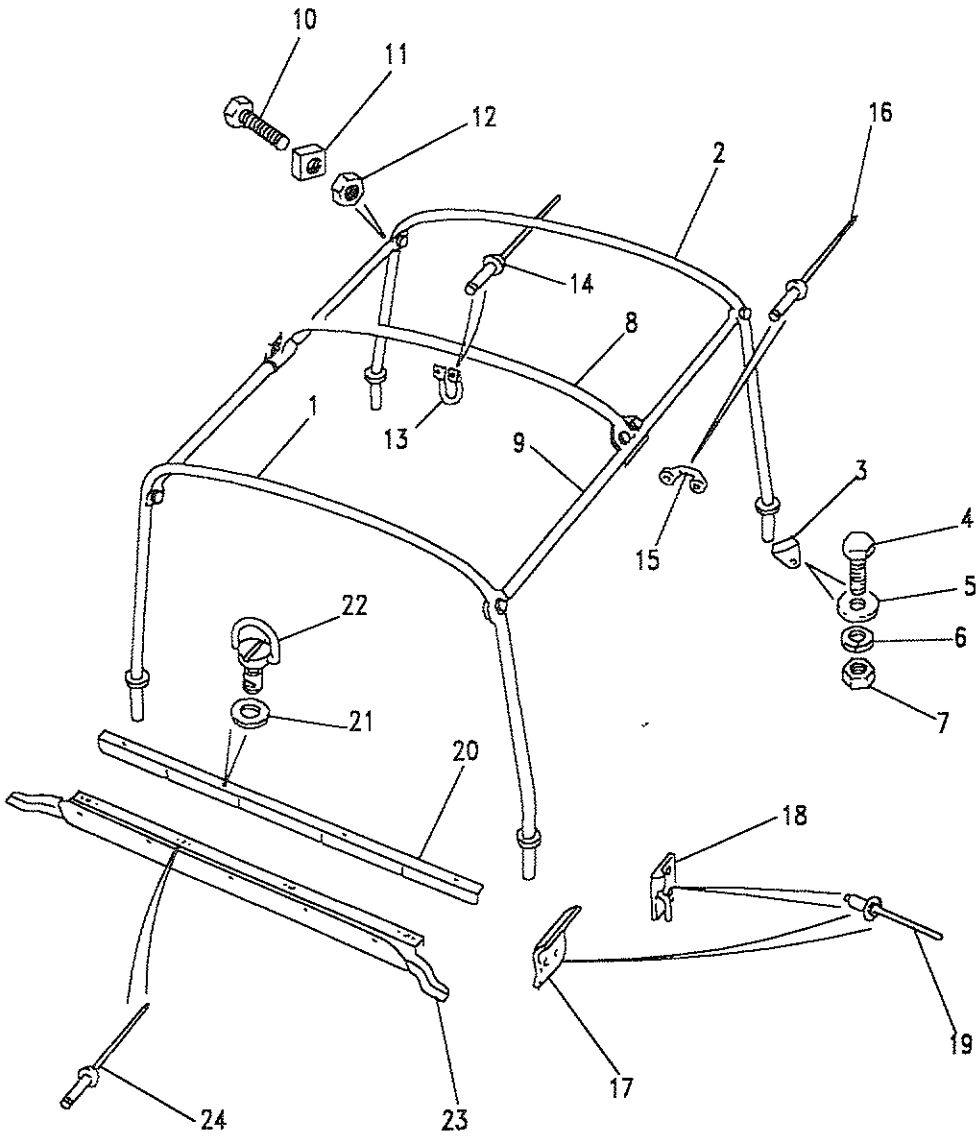
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Cab fixing - Upto 281949** | | | | |
| 1 | 330553 | Hoodstick front | 1 | |
| 2 | 330553 | Hoodstick rear | 1 | |
| 3 | 304301 | Clamp | 4 | |
| 4 | FS108251L | Screw | 4 | |
| 5 | WA108051L | Washer plain | 4 | |
| 6 | WL108001L | Washer spring | 4 | |
| 7 | FN108041L | Nut | 4 | |
| 8 | 330557 | Hoodstick intermediate | 1 | |
| 9 | MUC1082 | Tie tube | 2 | |
| 10 | SA106351 | Screw | 4 | |
| 11 | NS106011 | Nut | 4 | |
| 12 | NY106041L | Nut | 4 | |
| 13 | 345699 | Rope hook | 2 | |
| 14 | RR612103 | Rivet | 4 | |
| 15 | 395143 | Staple | 2 | |
| 16 | RA612373L | Rivet | 4 | |
| 17 | MTC7384 | Frame | 1 | |
| 18 | RU612183 | Rivet | 12 | |
| 19 | 331673 | Channel drain RH | 1 | |
| 20 | 331674 | Channel drain LH | 1 | |
| 21 | SE106201L | Screw | 4 | |
| 22 | AFU1080 | Washer plain | 4 | |
| 23 | WL106001L | Washer spring | 4 | |
| 24 | NH106041L | Nut | 4 | |
| 25 | 331675 | Strip retaining | 1 | Hood top |
| 26 | 331676 | Strip retaining | 2 | Hood sides |




**Model** DEFENDER 90
**Page** ADNXUC3A

## BODY - HOODSTICKS - THREE QUARTER LENGTH HOOD

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 27 | 348430 | Stud | 2 | |
| 28 | SE105351L | Screw | 2 | |
| 29 | WA105001L | Washer plain | 2 | |
| 30 | WL105001L | Washer spring | 2 | |
| 31 | NM105011 | Nut | 2 | |
| 32 | 334245 | Hook RH | 1 | |
| | 334246 | Hook LH | 1 | |
| 33 | 330578 | Hook RH | 1 | Front |
| | 330579 | Hook LH | 1 | Front |
| 34 | 78248 | Rivet | 4 | |




**Model** DEFENDER 90
**Page** ADNXUC4A

## BODY - HOODSTICKS - THREE QUARTER LENGTH HOOD

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Bulkhead fixing - From 281950** | | | | |
| 1 | 330553 | Hoodstick front | 1 | |
| 2 | 330553 | Hoodstick rear | 1 | |
| 3 | 304301 | Clamp | 4 | |
| 4 | FS108251L | Screw | 4 | |
| 5 | WA108051L | Washer plain | 4 | |
| 6 | WL108001L | Washer spring | 4 | |
| 7 | FN108041L | Nut | 4 | |
| 8 | 330557 | Hoodstick intermediate | 1 | |
| 9 | MUC1082 | Tie tube | 2 | |
| 10 | SA106351 | Screw | 4 | |
| 11 | NS106011 | Nut | 4 | |
| 12 | NY106041L | Nut | 4 | |
| 13 | 345699 | Rope hook | 2 | |
| 14 | RR612103 | Rivet | 4 | |
| 15 | 395143 | Staple | 2 | |
| 16 | RA612373L | Rivet | 4 | |
| 17 | 334245 | Hook RH | 1 | |
| | 334246 | Hook LH | 1 | |
| 18 | 330578 | Hook RH | 1 | Front |
| | 330579 | Hook LH | 1 | Front |
| 19 | 78248 | Rivet | 4 | |
| 20 | MTC4054 | Angle retaining | 1 | |
| 21 | AAU2367 | Retainer | 4 | |
| 22 | AFU2503 | Stud ring head | 4 | |
| 23 | MUC7923 | Channel drain | 1 | |
| 24 | RU612373L | Rivet | 7 | |
| | AFU2504 | Spring plate | 4 | |
| | RA610183 | Rivet | 8 | |

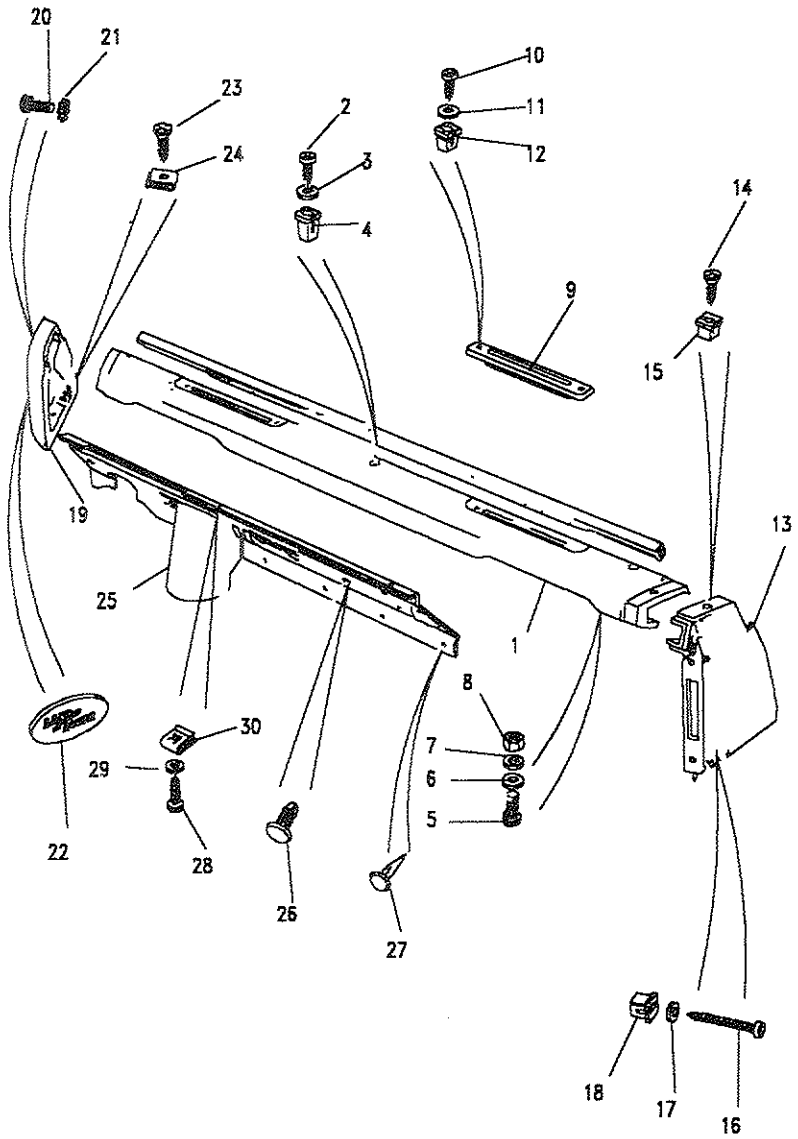
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GROUP P

INTERIOR TRIM

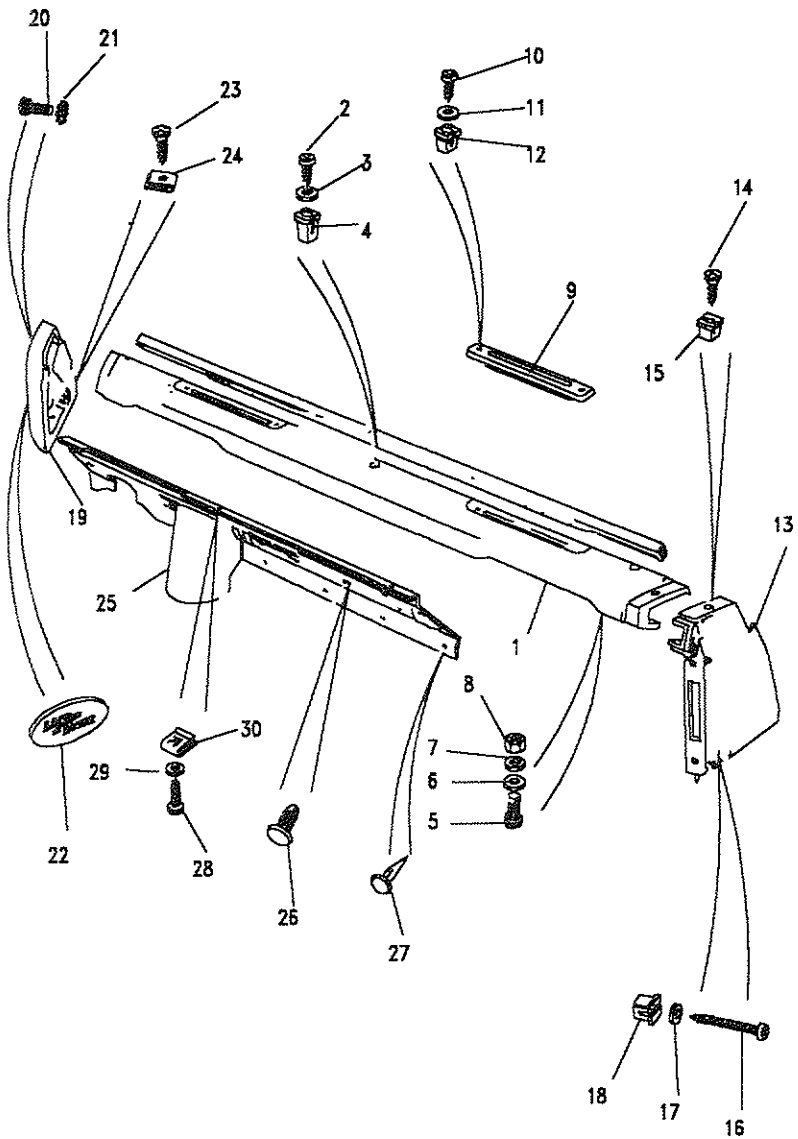

| | |
|---|---|
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| STATION WAGON - BODYSIDE | 939 - 941 |
| DASH TRIM | 942 - 945 |
| STATION WAGON - ROOF | 946 - 948 |
| HARD TOP | 949 |
| TRUCK CAB | 950 - 952 |
| SUN VISORS | 953 - 954 |
| BONNET INSULATION | 955 |
| TURBO DIESEL | 956 |
| CARPETS - FLOOR AND SEATBASE | 957 - 961 |
| RUBBER FLOOR MATS AND SEATBASE INSULATION | 962 - 963 |
| ADDITIONAL FLOOR COVERS | 964 - 965 |




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## FACIA - UPPER CRASH PAD

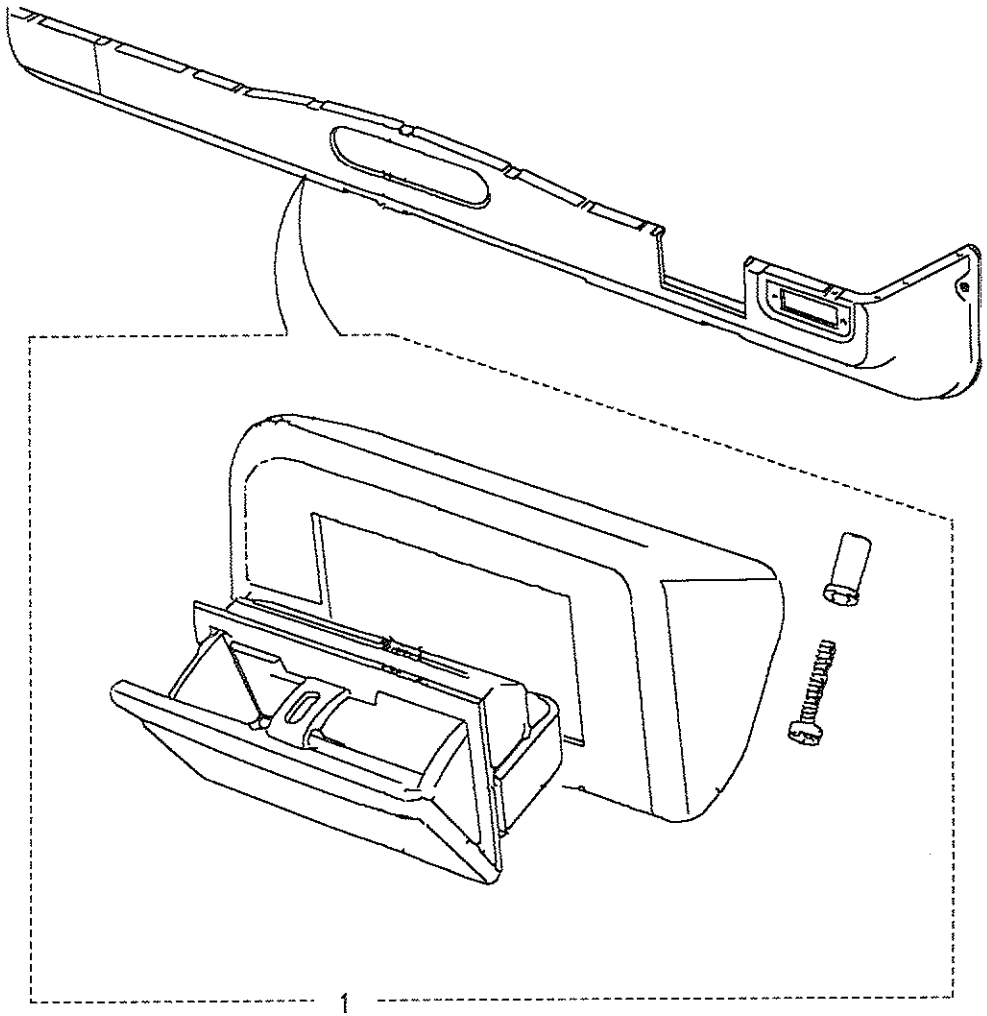
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MWC9327PMA | Crash pad upper | 1 | Upto VIN 455945 |
| | MXC6084PMA | Crash pad upper | 1 | From VIN HA455946 |
| 2 | AB614064 | Screw | 8 | |
| 3 | WC106044L | Washer plain | 3 | |
| 4 | RTC3744 | Nut lokut | 3 | |
| 5 | SE104124L | Screw | 2 | |
| 6 | WA104004L | Washer plain | 2 | |
| 7 | WL104004 | Washer spring | 2 | |
| 8 | NH104044 | Nut | 2 | |
| **Fixings - Crash rail to front plate** | | | | |
| | WC105001L | Washer plain | 4 | |
| | WM702001L | Washer spring | 2 | |
| | NH105041L | Nut | 2 | |
| | AB608051L | Screw | 2 | |
| | AK606031 | Nut spring | 1 | |
| | RTC3745 | Nut lokut | 2 | |
| | SE105121L | Screw | 2 | |
| 9 | MTC6040 | Demister outlet | 2 | Upto VIN FA453191 |
| | BTR912 | Demister outlet | 2 | From VIN FA453192 |
| 10 | AB606064L | Screw | 4 | |
| 11 | WA105001L | Washer plain | 4 | |
| 12 | RTC3745 | Nut lokut | 4 | |
| **Non Air Conditioning** | | | | |
| 13 | MWC9338PMA | Trim panel RHS | 1 | |
| | MTC4571 | Trim panel LHS | 1 | Upto VIN 343015 |
| | MWC9339PUA | Trim panel LHS | 1 | From VIN 343016 |
| | MWC9339PMA | Trim panel LHS | 1 | From MA939976 |




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**Page** ADPXAA1A

## FACIA - UPPER CRASH PAD

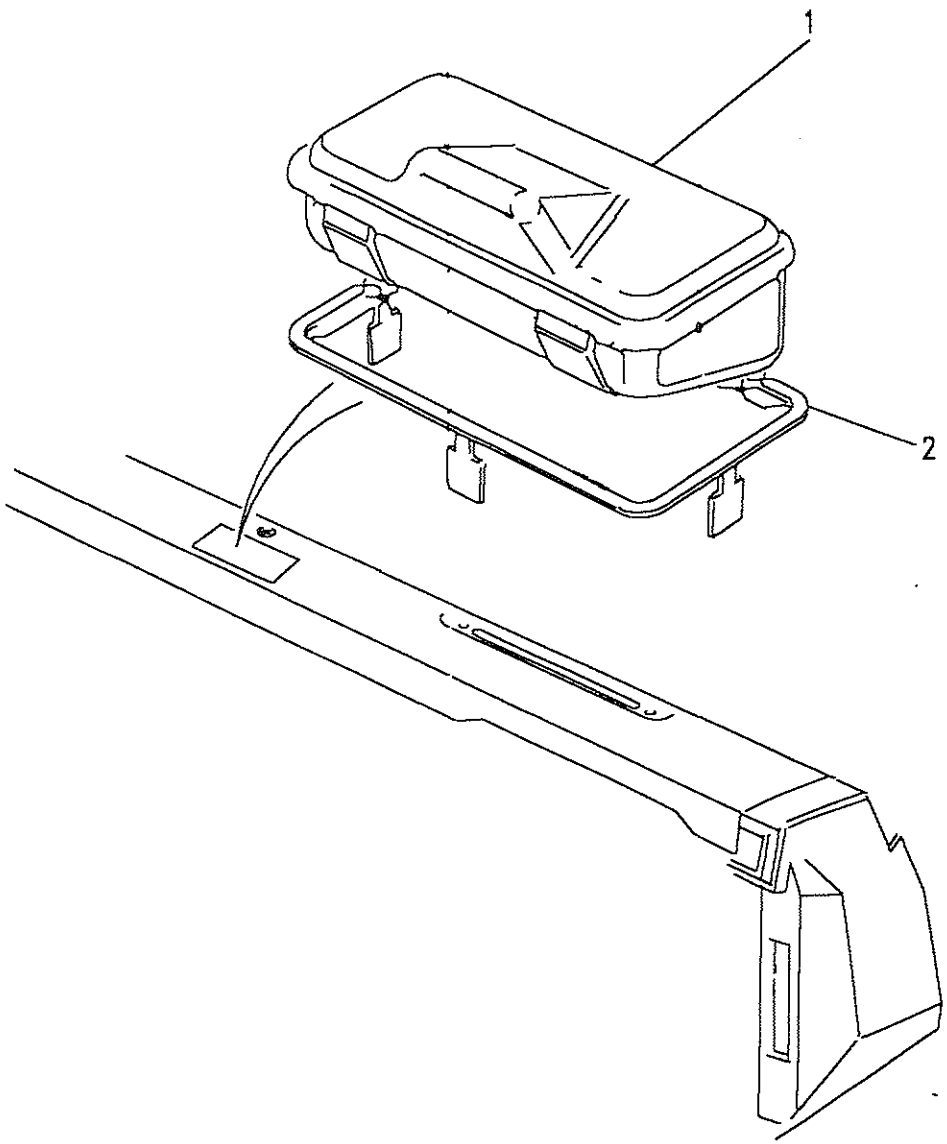
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 14 | D606044L | Screw | 1 | |
| 15 | RTC3745 | Nut lokut | 1 | |
| 16 | AB610124L | Screw | 1 | |
| 17 | AFU1248 | Washer plain | 1 | |
| 18 | RTC3748 | Nut lokut | 1 | |
| 19 | MTC6142 | Grab handle RH | 1 | LHD |
| | MTC6143 | Grab handle LH | 1 | RHD |
| **Air Conditioning grab handle** | | | | |
| 19 | AWR1175 | Grab handle RH | 1 | LHD |
| 20 | SE105121L | Screw | 1 | |
| 21 | WF105001L | Washer shakeproof | 1 | |
| 22 | MTC5851 | Badge | 1 | |
| 23 | AC606104 | Screw | 1 | |
| 24 | AK606031 | Nut spring | 1 | |
| **Non Air Conditioning** | | | | |
| 25 | MTC4617LDQ | Trim panel RHS | 1 | |
| | MTC4618LDQ | Trim panel LHS | 1 | |
| 26 | AFU1897 | Fastener | 2 | |
| 27 | AFU2813 | Fastener | 6 | |
| 28 | AB606044L | Screw | 2 | |
| 29 | WA104004L | Washer plain | 2 | |
| 30 | AJ606011L | Nut spring | 2 | |
| | AB608041L | Screw | 6 | |
| | WA105001L | Washer plain | 6 | |




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**Page** ADPXAA2A

**FACIA - ASHTRAY - MOUNTED ON HEATER DUCT**

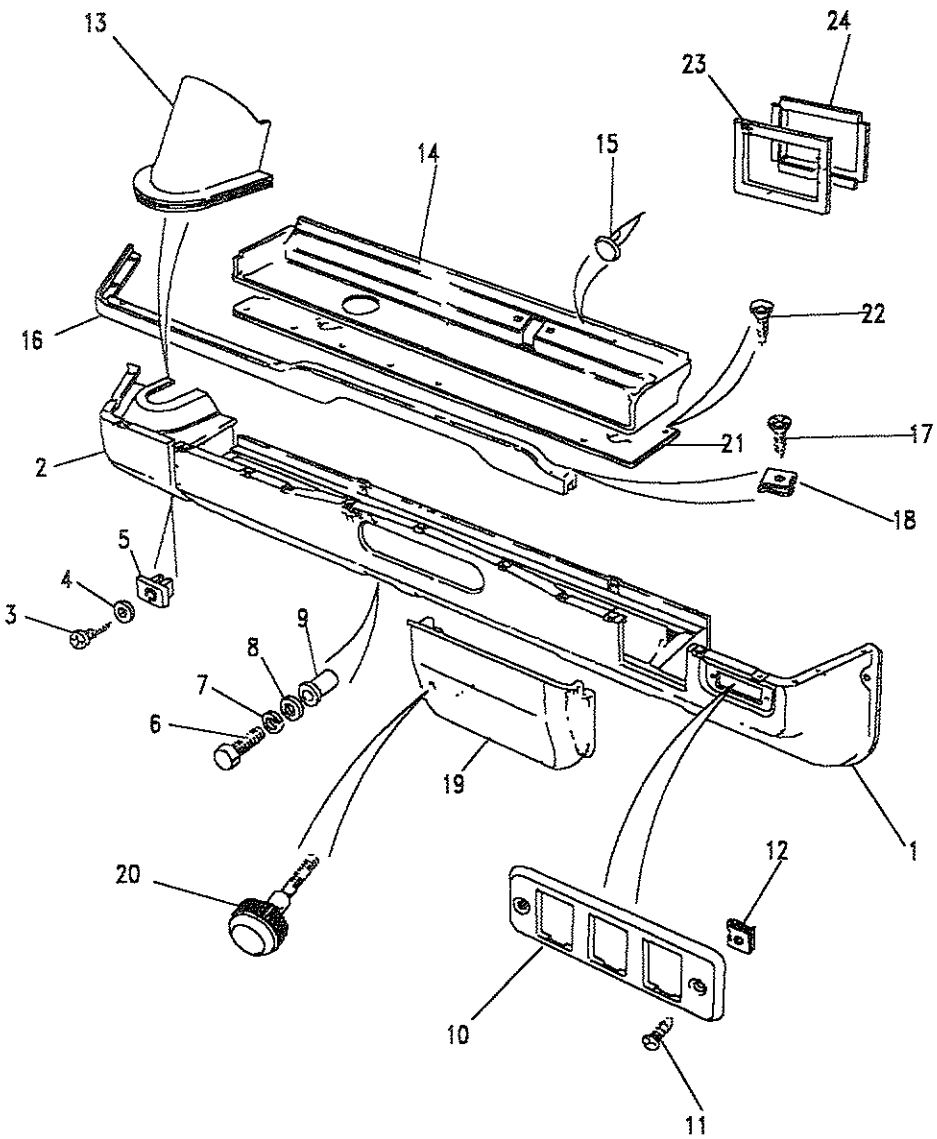
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC8071 | Ash tray kit | 1 | |




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**Page** ADPXAA3A

**FACIA - ASHTRAY - MOUNTED IN UPPER CRASH PAD**

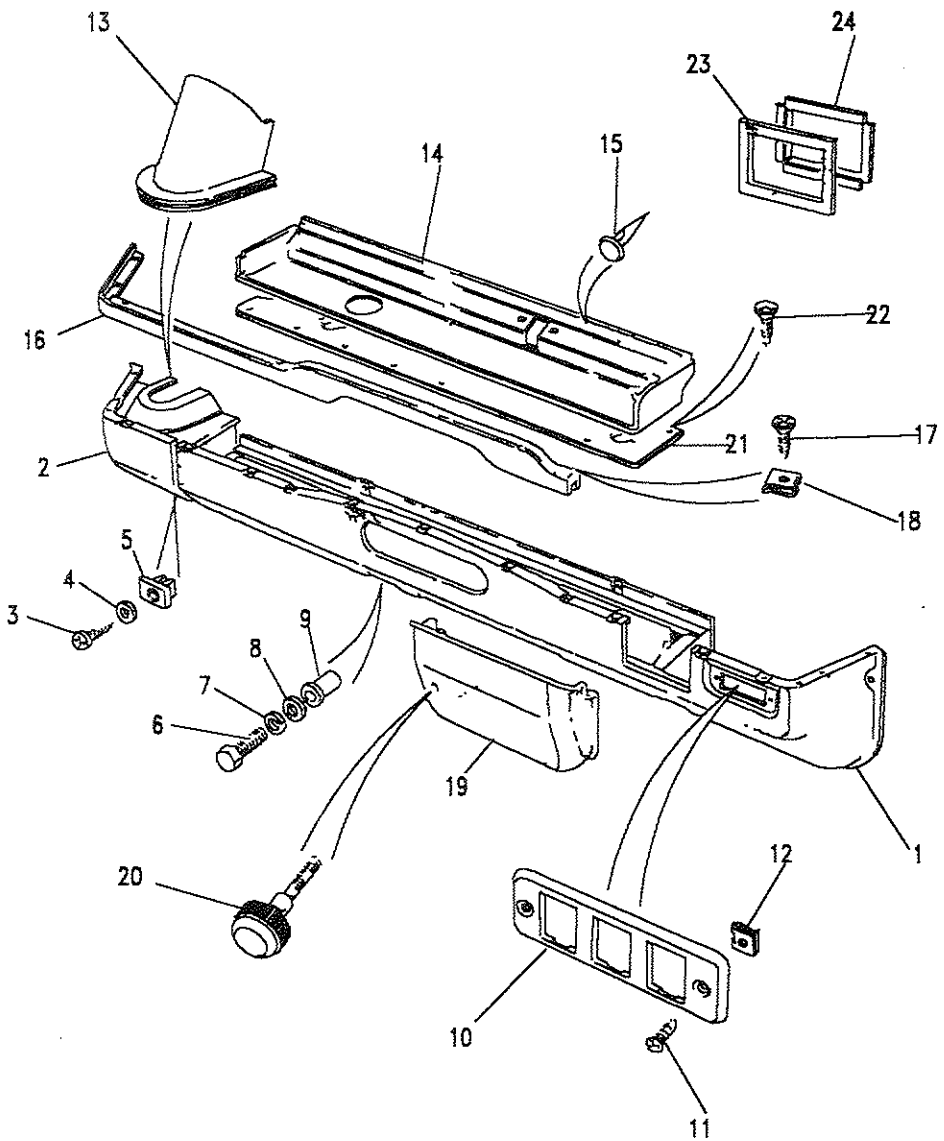
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | DZA5097L | Ash tray | 1 | |
| 2 | MUC1582 | Retainer | 1 | |




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**Page** ADPXAC1A

**FACIA - PARCEL TRAY & HEATER DUCT**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Non Air Conditioning** | | | | |
| 1 | MTC2826 | Heater duct RHS | 1 | |
| | MUC1384 | Heater duct RHS | 1 | Speaker |
| | MTC2827 | Heater duct LHS | 1 | |
| | MUC1383 | Heater duct LHS | 1 | Speaker |
| **Air Conditioning** | | | | |
| 1 | MUC3249 | Heater duct RHS | 1 | |
| | MUC3244 | Heater duct RHS | 1 | Speaker |
| | MUC1703 | Heater duct LHS | 1 | |
| | MUC1716 | Heater duct LHS | 1 | Speaker |
| 2 | MTC3523 | Cover wiper motor RHS | 1 | |
| | MUC1701 | Cover wiper motor RHS | 1 | Speaker |
| | MTC6080 | Cover wiper motor LHS | 1 | |
| | MUC1382 | Cover wiper motor LHS | 1 | Speaker |
| 3 | AB608054L | Screw | 10 | |
| 4 | AFU1248 | Washer plain | 10 | |
| 5 | AFU2692 | Nut lokut | 10 | |
| 6 | SH105201L | Screw | 2 | |
| 7 | WL105001L | Washer spring | 2 | |
| 8 | WC105001L | Washer plain | 2 | |
| 9 | NN105021L | Nutsert | 2 | |
| 10 | MTC2640 | Switch Panel | 1 | RHS |
| 11 | D606041L | Screw | 2 | |
| 12 | AK606011L | Nut spring | 2 | |
| 13 | MTC3705LDQ | Cover | 1 | |

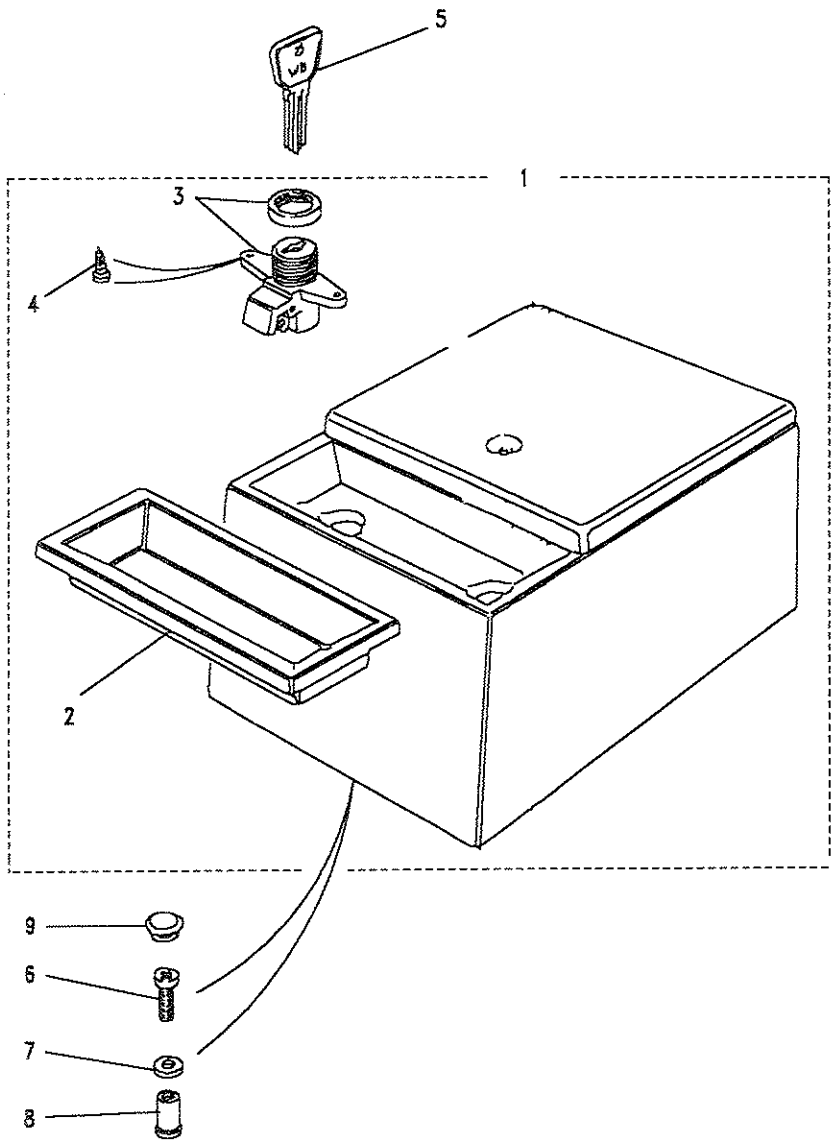



**Model** DEFENDER 90
**Page** ADPXAC1A

## FACIA - PARCEL TRAY & HEATER DUCT

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 14 | MRC7282 | Parcel tray | 1 | RHS |
| | MRC7283 | Parcel Tray | 1 | LHS |
| **Fixings - Parcel tray to Dash** | | | | |
| 15 | AFU2813 | Fastener | 5 | |
| | AB606044L | Screw | 5 | )Alternative |
| | WA104004L | Washer plain | 5 | )Fixings. |
| 16 | MTC6166 | Finisher | 1 | RHS |
| | MTC6167 | Finisher | 1 | LHS |
| 17 | AC606064L | Screw | 3 | |
| 18 | AK606031 | Nut spring | 3 | |
| 19 | BTR2307 | Cover fusebox | 1 | |
| | MTC5227 | Label warning-diff lock | 1 | Note(1) Upto VIN HA705313 |
| | BTR2308 | Label warning-diff lock | 1 | Note(1) From VIN HA705314 |
| 20 | MTC9968 | Screw | 2 | |
| 21 | MRC8584 | Panel closing | 1 | RHS |
| | MRC8585 | Panel closing | 1 | LHS |
| 22 | AB606041L | Screw | 22 | |
| 23 | MTC6871 | Seal | 1 | Non Air Con |
| | MTC7400 | Seal | 1 | Air Con |
| 24 | MUC4801 | Bezel | 1 | Non Air Con |

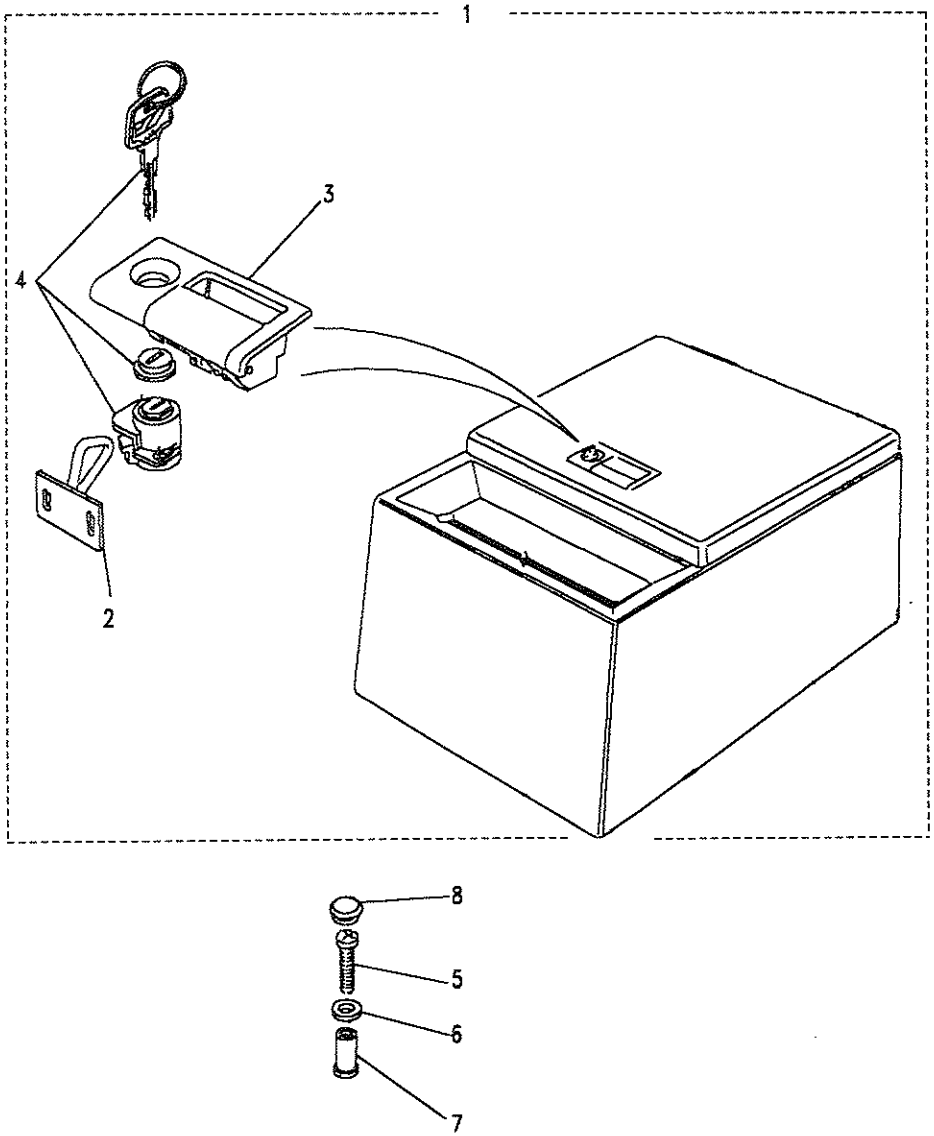
Note(1) Located on front of Fuse Box Cover




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**Page** ADPXCC1A

**TRIM - CUBBY BOX**

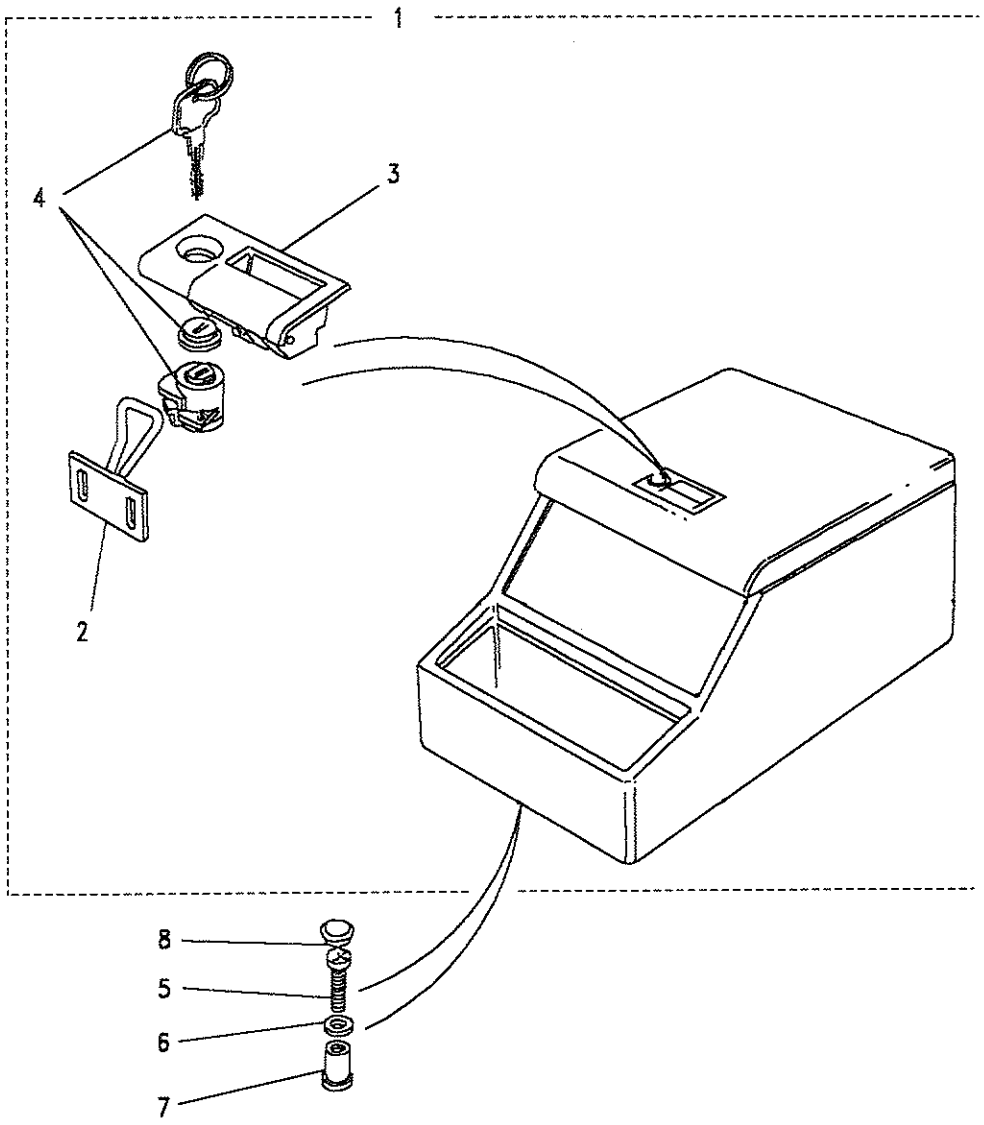
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC6681 | Console | 1 | lable |
| 2 | MTC4520 | Tray | 1 | |
| 3 | RTC3024 | Lock Kit | 1 | |
| 4 | AB606061L | Screw | 2 | |
| 5 | CZK3882 | Key blank | A/R | |
| 6 | SE106351L | Screw | 4 | |
| 7 | WA106041L | Washer plain | 4 | |
| 8 | NN106021 | Nut anchor | 4 | |
| 9 | AFU2501 | Plug | 4 | |




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**Page** ADPXCC2A

**TRIM - CUBBY BOX**

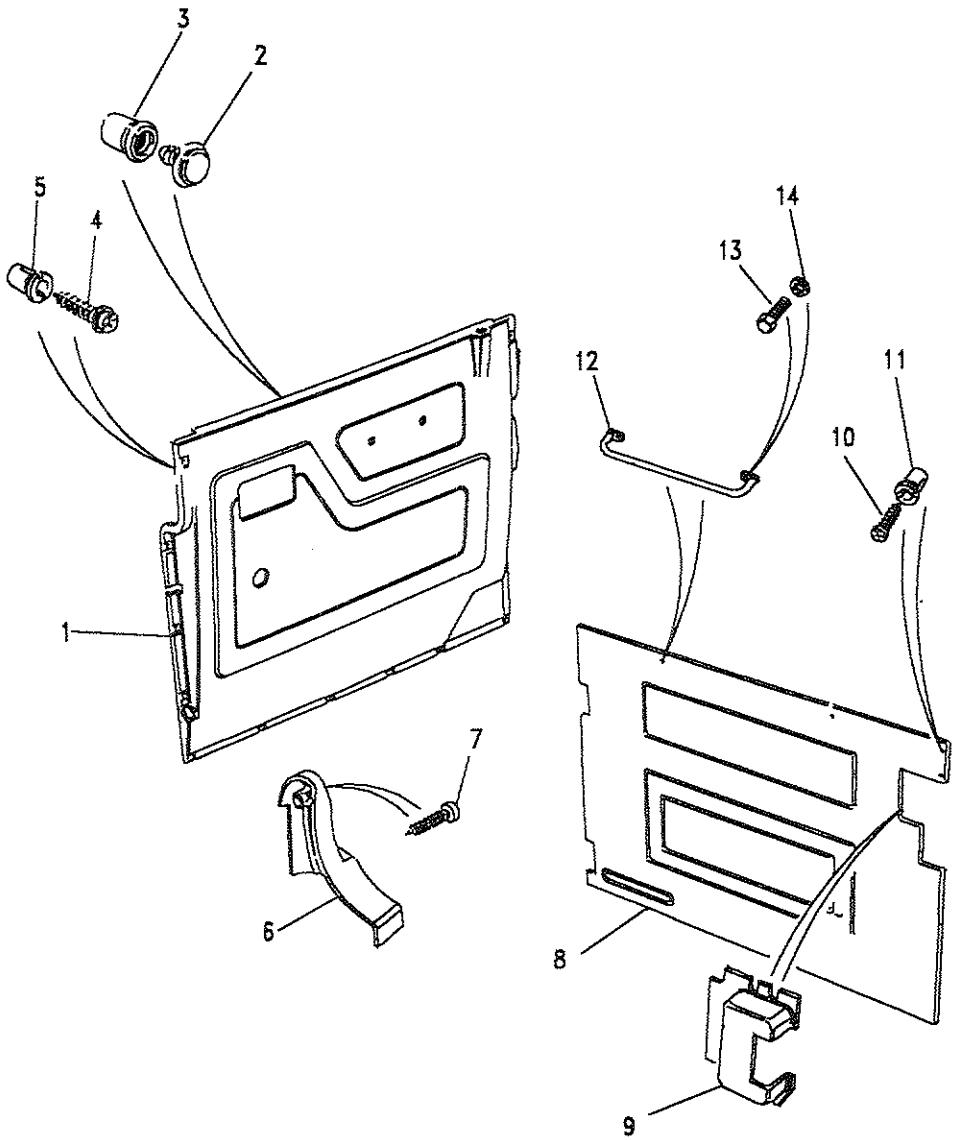
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 455631** | | | | |
| 1 | MUC6681 | Console | 1 | |
| 2 | MUC6682 | Striker lock | 1 | |
| 3 | MUC6452 | Latch | 1 | |
| 4 | MUC6453 | Barrel lock and keys | 1 | |
| | MUC2153 | Key blank | A/R | |
| 5 | SE106351L | Screw | 4 | |
| 6 | WA106041L | Washer plain | 4 | |
| 7 | NN106021 | Nut anchor | 4 | |
| 8 | AFU2501 | Plug | 4 | |




**Model** DEFENDER 90
**Page** ADPXCC3A

**TRIM - CUBBY BOX**

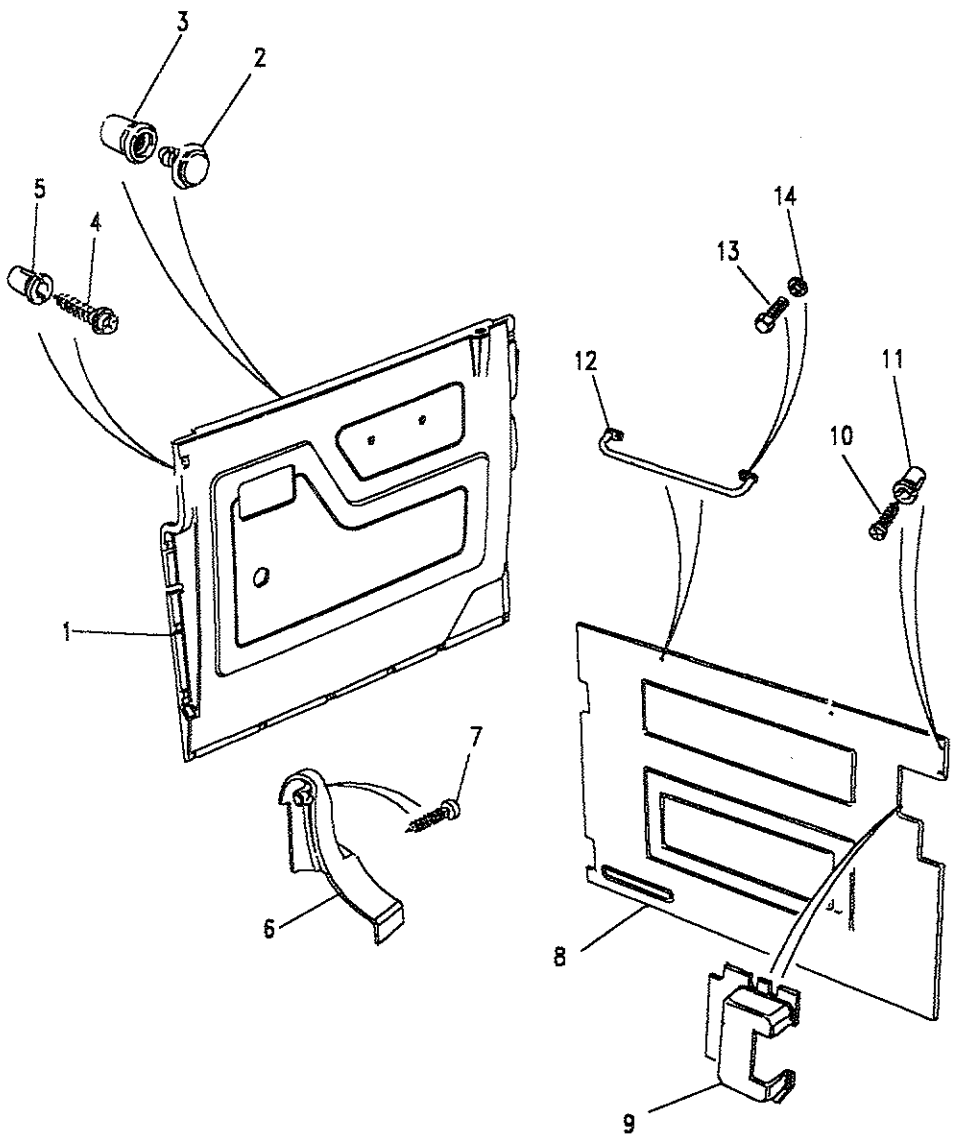
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN HA455632** | | | | |
| 1 | AWR1607 | Cubby box | 1 | |
| 2 | BTR695 | Striker lock | 1 | |
| 3 | MUC6452 | Latch | 1 | |
| 4 | MUC6453 | Barrel lock and keys | 1 | |
| | MUC2153 | Key blank | A/R | |
| 5 | SE106351L | Screw | 4 | |
| 6 | WA106041L | Washer plain | 4 | |
| 7 | NN106021 | Nut anchor | 4 | |
| 8 | AFU2501 | Plug | 4 | |




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**Page** ADPXEA1A

**TRIM - DOOR TRIM UP TO 1987MY**

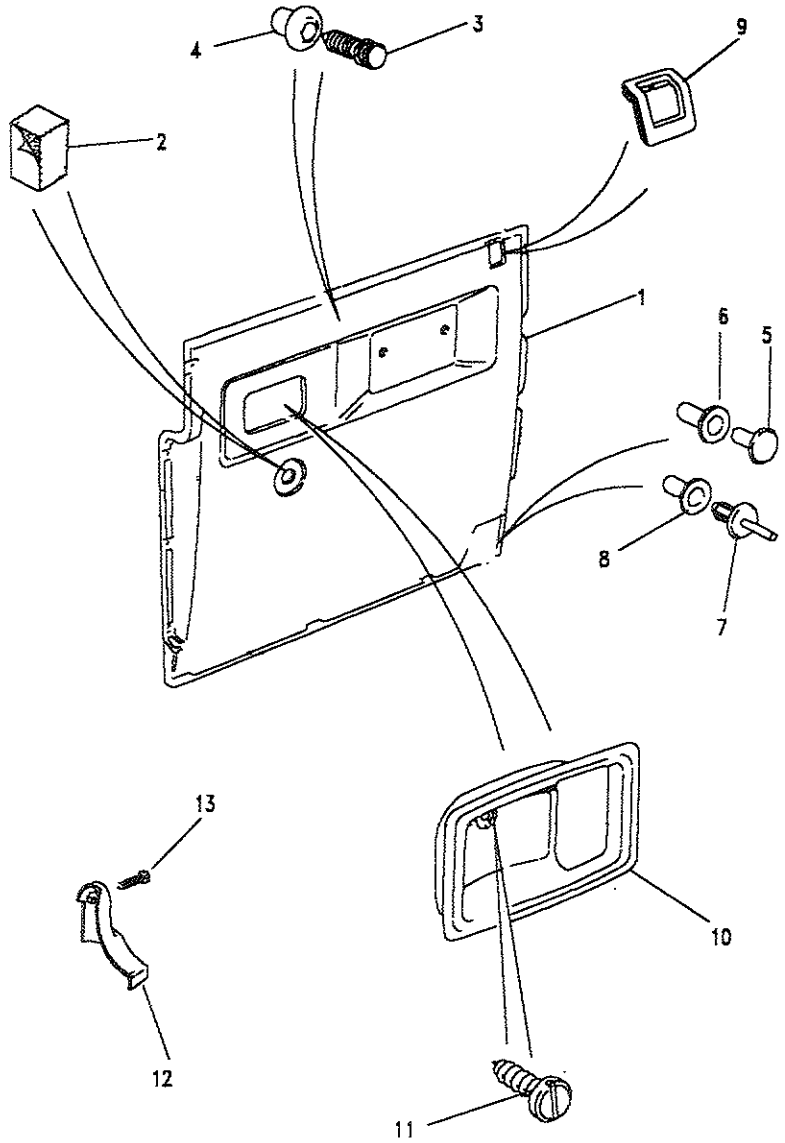
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Up to AAA270227, AA270484, AA271214.** | | | | |
| 1 | MTC8706 | Casing front door RH | 1 | |
| | MTC8707 | Casing front door LH | 1 | |
| | MWC3137 | Spacer foam | 6 | |
| 2 | MUC3186 | Clip trim | 8 | |
| 3 | MUC3187 | Socket | 8 | |
| 4 | MUC3394 | Screw sems | 26 | |
| | AB608084 | Screw | 2 | |
| | WC104004L | Washer plain | 2 | |
| 5 | AFU1926L | Nut captive | 28 | |
| 6 | MUC3036 | Cover checklink RH | 1 | |
| | MUC3037 | Cover checklink LH | 1 | |
| 7 | AB608064L | Screw | 2 | |
| **No Rear Wash Wipe/ Heated Rear Window** | | | | |
| 8 | MUC4529 | Casing rear end door | 1 | |
| **Rear Wash Wipe/Heated Rear Window** | | | | |
| 8 | MTC9801 | Casing rear end door | 1 | Upto 241999 |
| | MUC4528 | Casing rear end door | 1 | From 242000 |
| **All variants** | | | | |
| 9 | MTC1710 | Lock Cover | 1 | |
| 10 | AB606041L | Drive Screw | 4 | Up to EA358392 |
| | AFU2636 | Drive Screw | 4 | )From |
| 11 | AFU1926L | Captive Nut | 3 | )FA358393 |




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**Page** ADPXEA1A

**TRIM - DOOR TRIM UP TO 1987MY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 12 | MUC1402 | Grab Handle | 1 | |
| 13 | SH106204 | Screw | 2 | |
| 14 | WL106004L | Washer spring | 2 | |
| | MUC4525 | Arrow label | 1 | |
| **Germany** | | | | |
| | MTC6630 | Cover nut grab handle | 2 | |

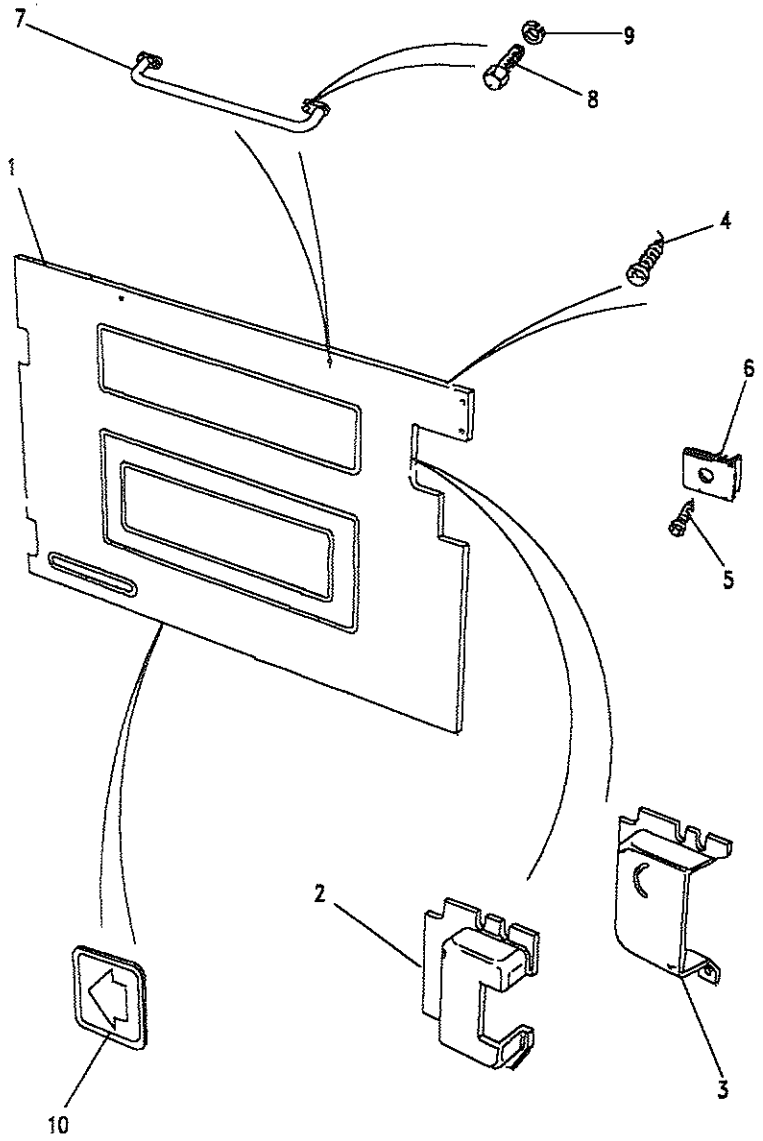



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**Page** ADPXEA2A

## TRIM - FRONT DOOR TRIM FROM 1987MY

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From AA270227, AA270484, AA271214.** | | | | |
| **Black - Upto EA314058** | | | | |
| 1 | MWC2780 | Casing front door lh | 1 | |
| | MWC2781 | Casing front door rh | 1 | |
| **Grey - From FA314059** | | | | |
| 1 | MXC1858LCS | Casing front door RH | 1 | )Upto |
| | MXC1859LCS | Casing front door LH | 1 | )LA932528 |
| | BTR6700LCS | Casing front door RH | 1 | )From |
| | BTR6701LCS | Casing front door LH | 1 | )LA932529 |
| 2 | MWC3137 | Spacer foam | 4 | |
| 3 | MWC1474 | Fastener | 24 | Upto 339423 |
| | MXC1800 | Fastener | 24 | From 339424 |
| 4 | MWC3136 | Snapsac | 24 | |
| 5 | 79118PH | Stud-black | 4 | ) |
| 6 | 13H2475L | Anchor | 4 | )Note(1) |
| 7 | MWC9918LCS | Lokut-grey | 4 | ) |
| 8 | MWC9917 | Snapsac | 4 | )Note(2) |
| 9 | MXC4738PMA | Escutcheon | 2 | |
| 10 | DBP6532PMA | Escutcheon RH | 1 | |
| | DBP6533PMA | Escutcheon LH | 1 | |
| 11 | DA608044L | Screw | 2 | |
| 12 | MUC3036 | Cover checklink RH | 1 | |
| | MUC3037 | Cover checklink LH | 1 | |
| 13 | AB608064L | Screw | 2 | |

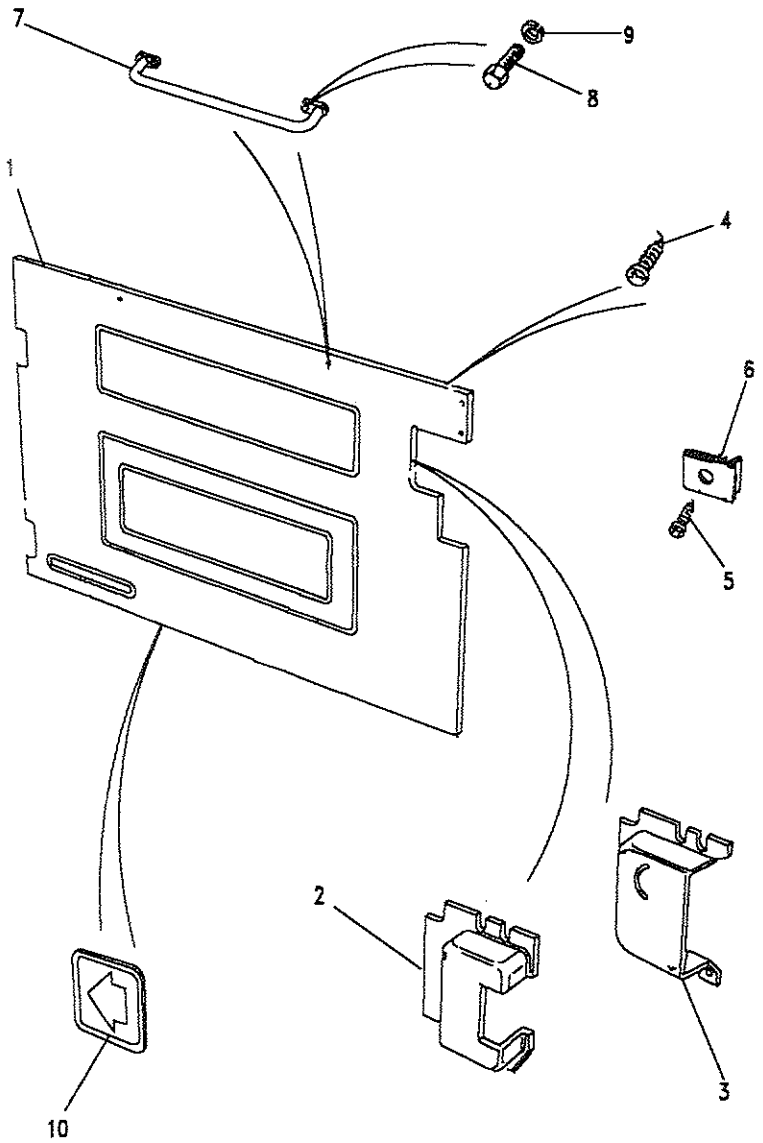
Note(1) Up to EA314058
Note(2) From FA314059




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**Page** ADPXEG1A

**TRIM - REAR END DOOR - FROM NOTE(1)**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From introduction of 1987 Model Year - Note(1)** | | | | |
| **Except Rear Wash Wipe/Heated Rear Window** | | | | |
| 1 | MWC1743 | Casing rearend door-Black | 1 | Upto Note(4) |
| | MWC1743LCS | Casing rear end door-Grey | 1 | From Note(4) Upto Note(5) |
| | MXC1989LCS | Casing rear end door | 1 | Note(6) From Note(5) Upto VIN KA929577 |
| | BTR7964LCS | Casing rear end door | 1 | Note(6) From VIN KA929578 |
| **Rear Wash Wipe/Heated Rear Window** | | | | |
| 1 | MWC1744 | Casing rearend door-Black | 1 | Upto Note(4) |
| | MWC1744LCS | Casing rear end door-Grey | 1 | From Note(4) Upto Note(5) |
| | MXC1992LCS | Casing rear end door | 1 | Note(6) From Note(5) Upto VIN JA910753 |
| | BTR3793LCS | Casing rear end door | 1 | Note(6) From VIN JA910754 Upto VIN KA929577 |
| | BTR7959LCS | Casing rear end door | 1 | Note(6) From VIN KA929578 |
| | 73037 | Clip retaining | 8 | |

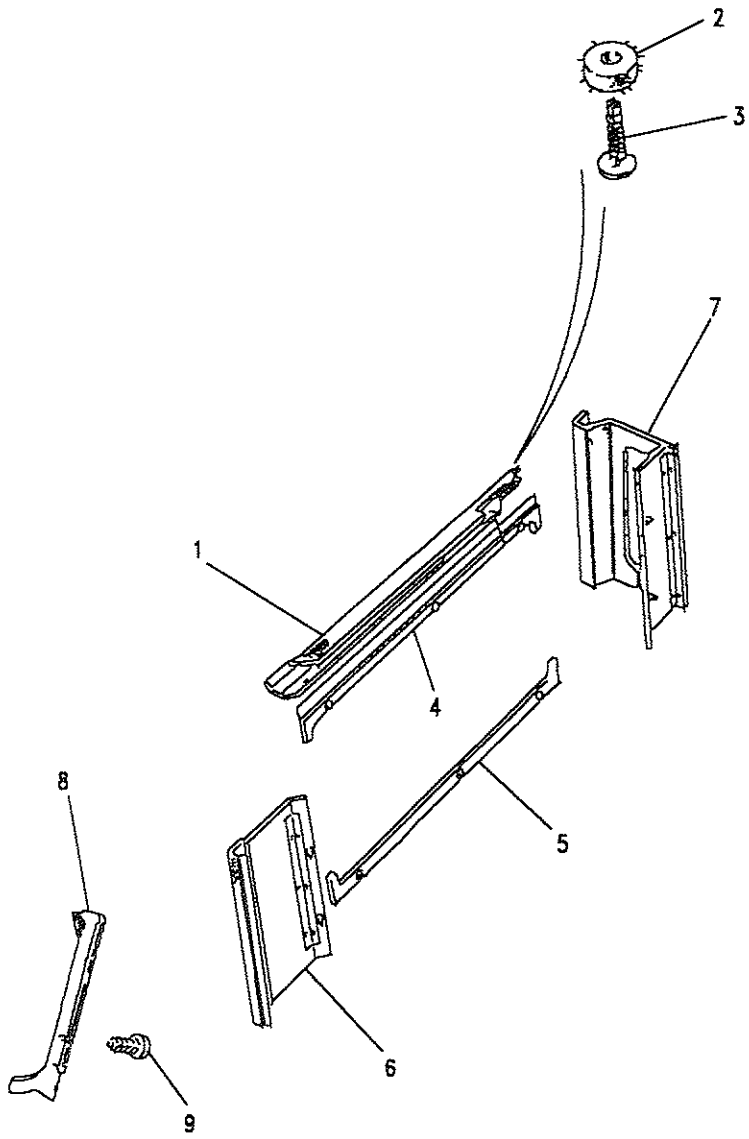



**Model** DEFENDER 90
**Page** ADPXEG1A

**TRIM - REAR END DOOR - FROM NOTE(1)**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 2 | MTC1710 | Cover lock-Black | 1 | Upto Note(4) |
| 3 | 395191LCS | Cover lock-Grey | 1 | From Note(4) |
| 4 | AB606041 | Screw | 7 | Note(2) |
| | AFU2636 | Screw | 1 | |
| 5 | AA606044L | Screw | 2 | Note(3) |
| 6 | AK606011L | Nut spring | 2 | Note(3) |
| 7 | MUC1402 | Grab handle | 1 | |
| 8 | SH106204 | Screw | 2 | |
| 9 | WL106004 | Washer spring | 2 | |
| 10 | MUC4525 | Arrow label | 1 | |

| | |
|---|---|
| Note(1) | VIN SALLDVAD7AA270227, SALLDVAC7AA270484, and SALLDVAV7AA271214 - Introduction of 1987 Model Year |
| Note(2) | Except Rear wash wipe/heated rear window |
| Note(3) | Rear wash wipe/heated rear window |
| Note(4) | Introduction of 1988 Model Year - Regular VIN EA314059, Station Wagon VIN EA314174 |
| Note(5) | Introduction of 1989 Model Year - Regular VIN FA358393, Station Wagon VIN FA358407 |
| Note(6) | Includes checklink cover |

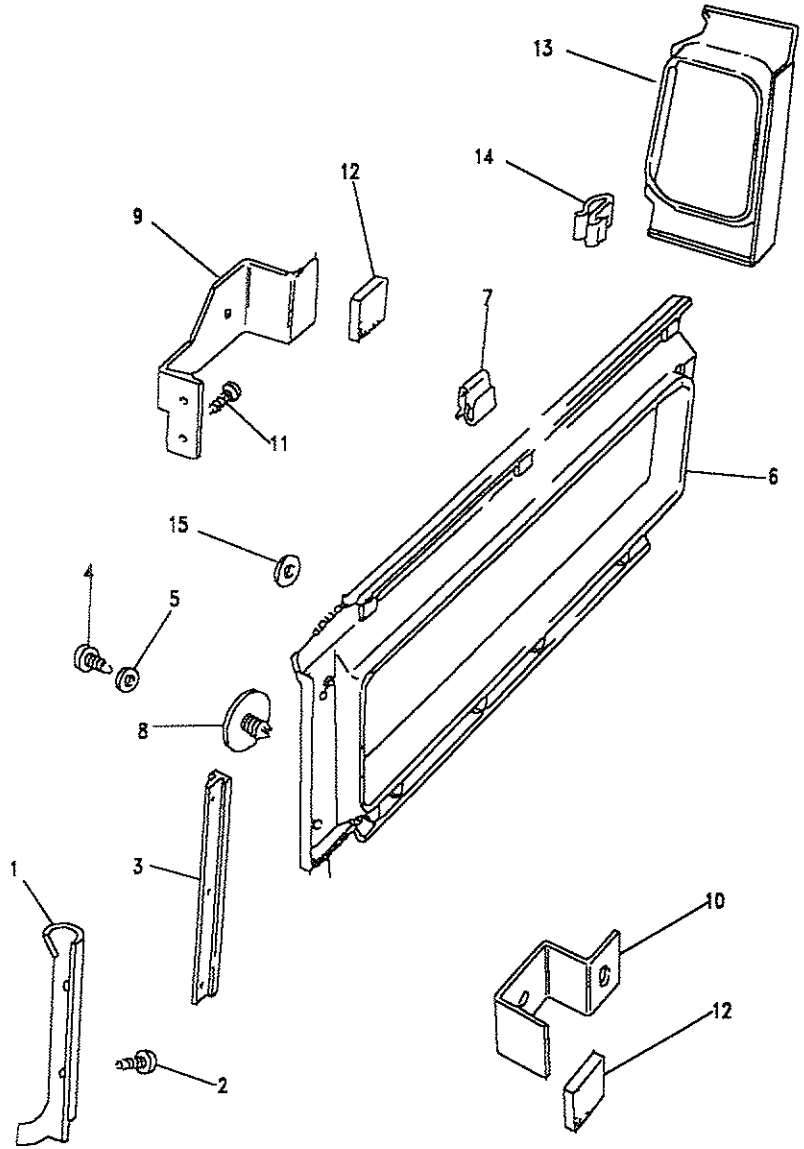



**Model** DEFENDER 90
**Page** ADPXGC1A

## TRIM - STATION WAGON - BODYSIDE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 314173 - Note(1)** | | | | |
| 1 | MUC6494 | Trim cantrail RH | 1 | |
| | MUC6495 | Trim cantrail LH | 1 | |
| 2 | MUC1508 | Felt spacer | 8 | |
| 3 | AFU1900 | Fastener | 8 | |
| 4 | MUC1474 | Trim sidelight upper | 2 | |
| 5 | MUC3242 | Trim sidelight lower | 2 | |
| 6 | MTC8296 | Trim sidelight front RH | 1 | |
| | MTC8297 | Trim sidelight front LH | 1 | |
| 7 | MTC8298 | Trim rear quarter RH | 1 | |
| | MTC8299 | Trim rear quarter LH | 1 | |
| 8 | MTC5212 | Trim 'A' post RH | 1 | |
| | MWC2314 | Trim 'A' post LH | 1 | |
| 9 | AB606084 | Screw | 4 | |
| **Germany** | | | | |
| | MUC3630 | Cover rear qrtr panel RH | 1 | |
| | MUC3631 | Cover rear qrtr panel LH | 1 | |
| | AB608041L | Screw | 4 | |

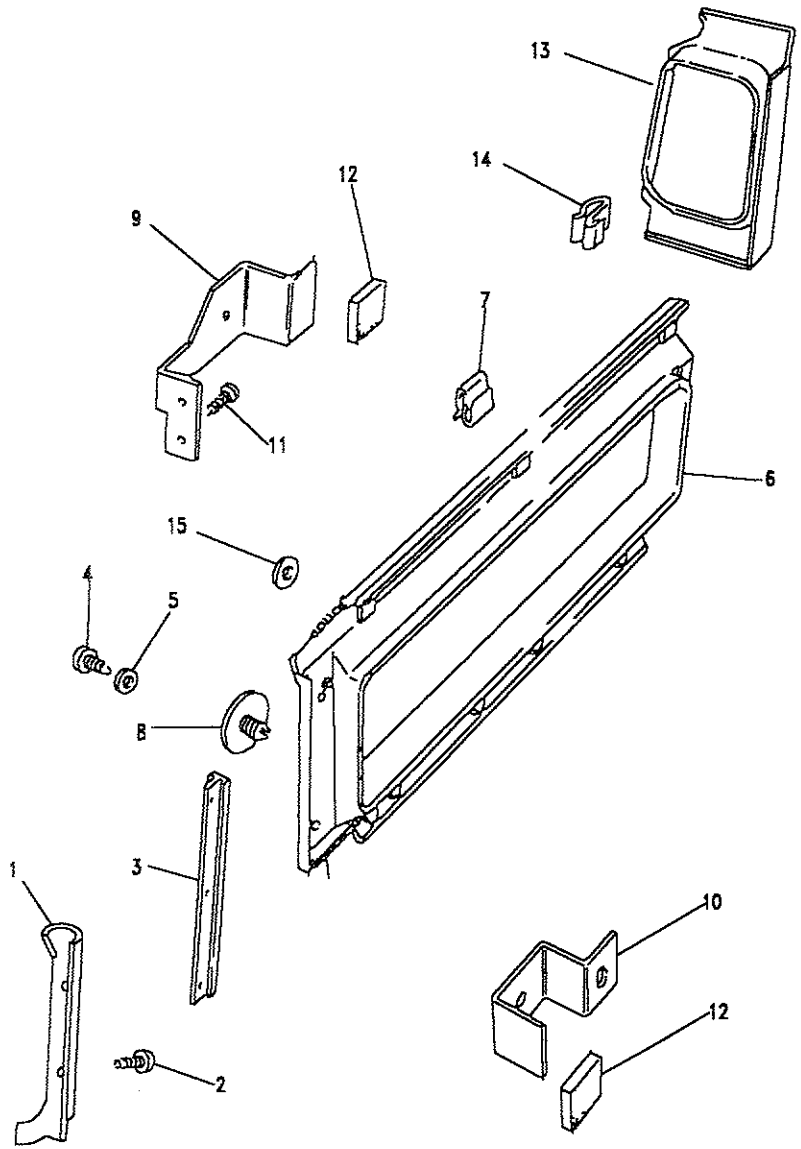
Note(1) Introduction of 1988 Model Year - VIN EA




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**Page** ADPXGC2A

**TRIM - STATION WAGON - BODYSIDE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN 314174 - Note(1)** | | | | |
| 1 | MTC5212 | Trim 'A' post RH | 1 | |
| | MWC2314 | Trin 'A' post LH | 1 | |
| 2 | AB606084 | Screw | 4 | |
| 3 | MWC9823LNP | Trim 'BC' post | 2 | Upto Note(2) |
| | MXC3319LNP | Trim 'BC' post | 2 | From Note(2) |
| 4 | 77869 | Screw | 6 | |
| 5 | 3852L | Washer plain | 6 | Upto Note(2) |
| 6 | MWC5832LNP | Trim panel bodyside RH | 1 | |
| | MWC5833LNP | Trim panel bodyside LH | 1 | |
| 7 | MWC6203 | Clip edge | 6 | |
| 8 | MWC5763LNP | Fastener | 2 | |
| **From Note(2)** | | | | |
| 9 | MXC3278 | Bracket retaining RH | 1 | Upper |
| | MXC3279 | Bracket retaining LH | 1 | Upper |
| 10 | MXC3276 | Bracket retaining | 2 | Lower |
| 11 | AB608044L | Screw | 4 | Upper bracket |
| 12 | MUC6400 | Pad | 4 | |

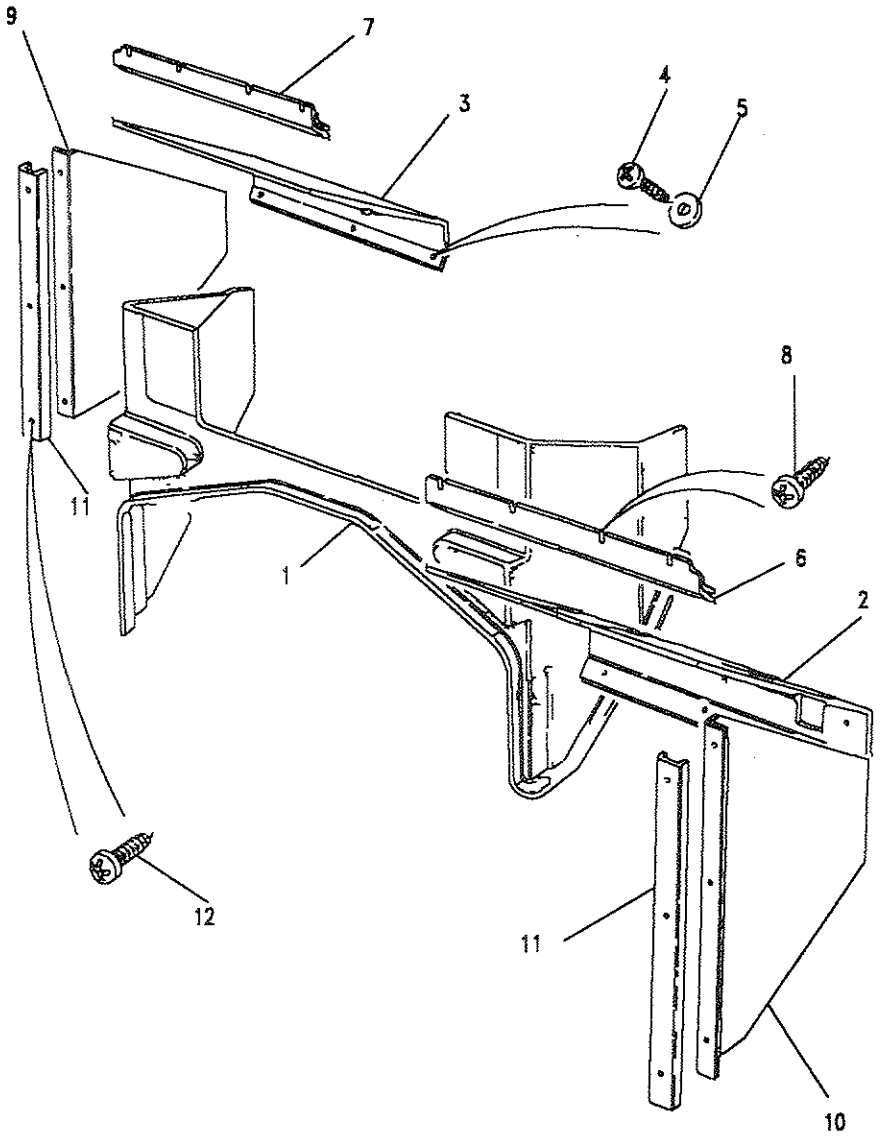



**Model** DEFENDER 90
**Page** ADPXGC2A

**TRIM - STATION WAGON - BODYSIDE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 13 | MWC8910LNP | Trim panel rear end RH | 1 | |
| | MWC8911LNP | Trim panel rear end LH | 1 | |
| 14 | MWC6204 | Clip edge | 4 | |
| | **Seat belt anchorage/trim protection** | | | |
| 15 | MWC9482 | Washer retaining | 2 | |

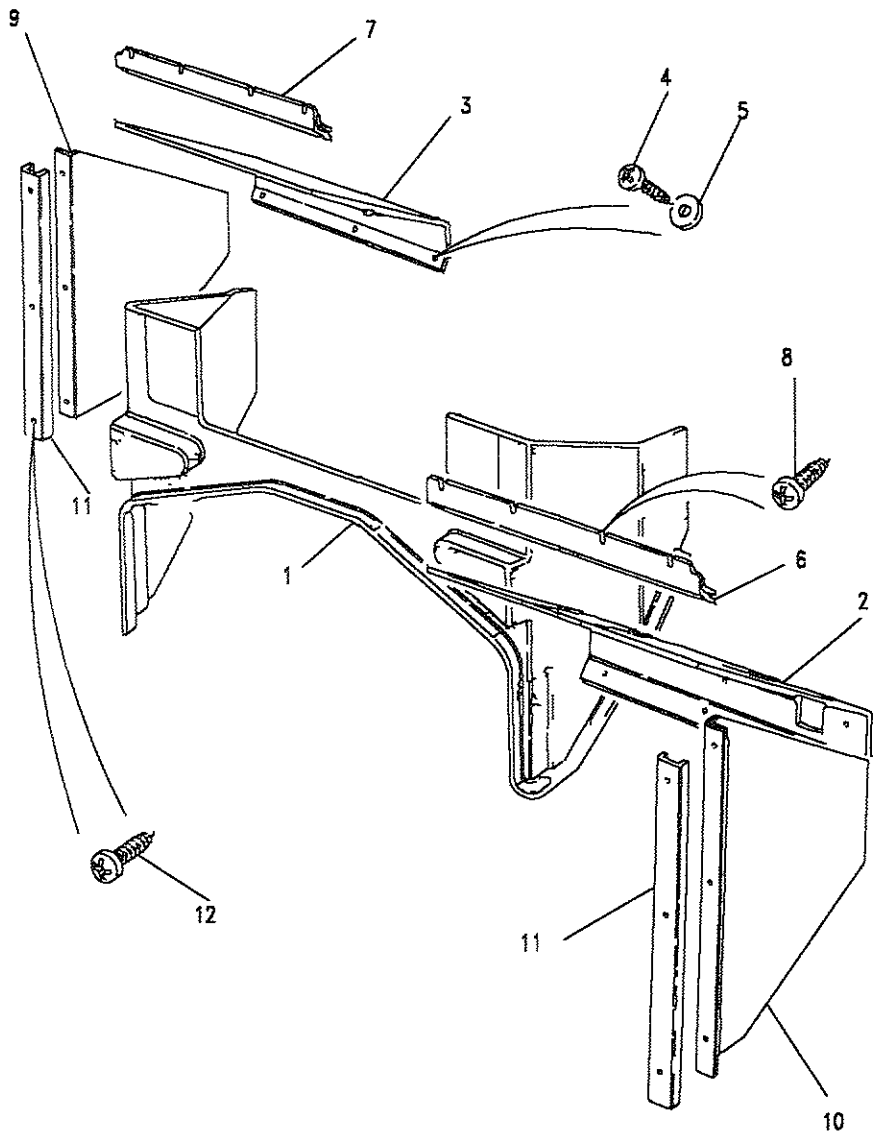
Note(1) Introduction of 1988 Model Year - VIN EA314174
Note(2) Introduction of 1989 Model Year - VIN FA
Note(3) LNP = Mid Grey




**Model** DEFENDER 90
**Page** ADPXIA1A

## FACIA - DASH TRIM

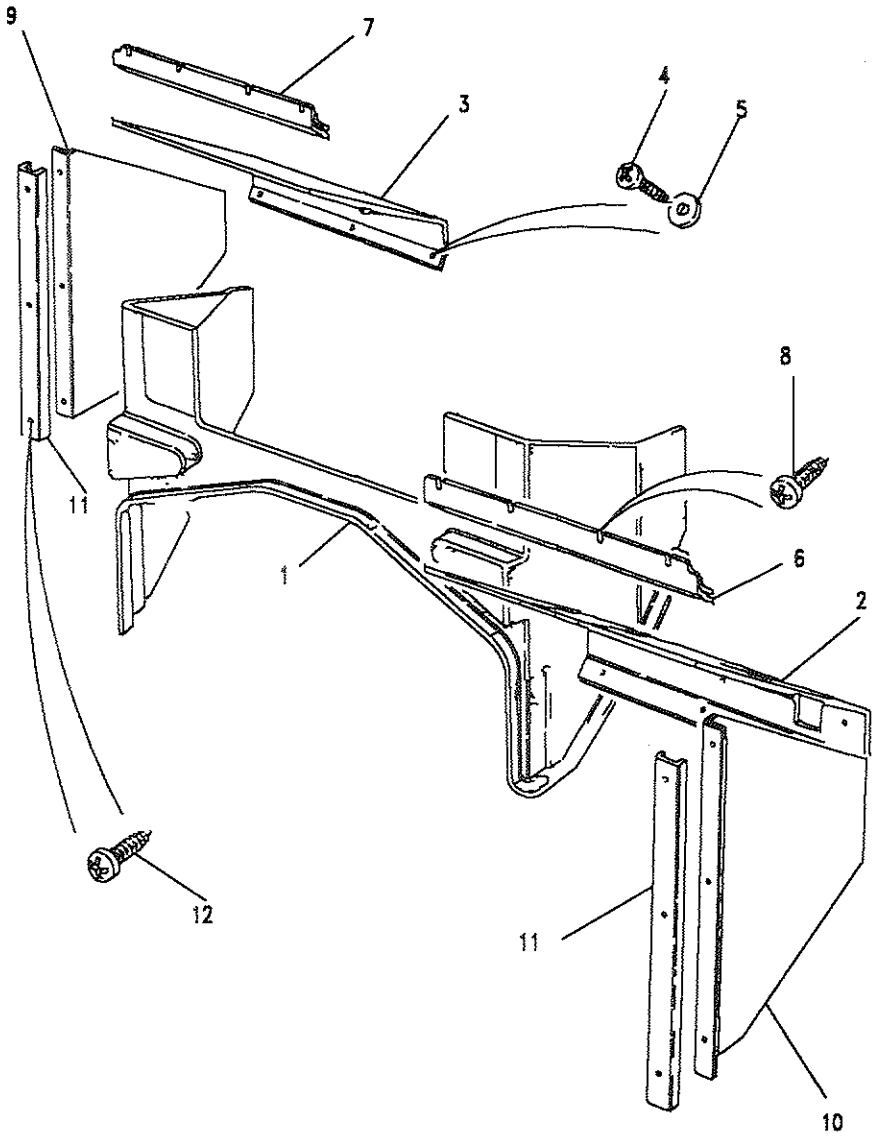
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Dash centre - Insulation** | | | | |
| 1 | BTR341 | Insulation | 1 | 4 Cylinder |
| | MUC1248 | Insulation | 1 | V8<br>Upto VIN FA424037 |
| | BTR360 | Insulation | 1 | V8<br>From VIN FA424038 |
| **Dash centre - Carpet - Upto Note(2)** | | | | |
| 1 | MUC1356RD | Carpet | 1 | 4 Cylinder |
| | MUC1256RD | Carpet | 1 | V8 |
| **Dash centre - Carpet - From Note(2)** | | | | |
| 1 | MXC2949LDE | Carpet | 1 | 4 Cylinder |
| | MXC2948LDE | Carpet | 1 | V8 |
| **Toebox trim - RHD - Non Air Con** | | | | |
| 2 | MUC9167 | Panel toebox trim RH | 1 | Upto VIN FA440581 |
| | MXC6538 | Panel toebox trim RH | 1 | From VIN FA440582<br>Upto VIN KA922165 |
| | BTR5232 | Panel toebox trim RH | 1 | From VIN KA922166 |
| 3 | MTC4866 | Panel toebox trim LH | 1 | Upto VIN FA440581 |
| | MXC6539 | Panel toebox trim LH | 1 | From VIN FA440582<br>Upto VIN KA922165 |
| | BTR5233 | Panel toebox trim LH | 1 | From VIN KA922166 |




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**Page** ADPXIA1A

## FACIA - DASH TRIM

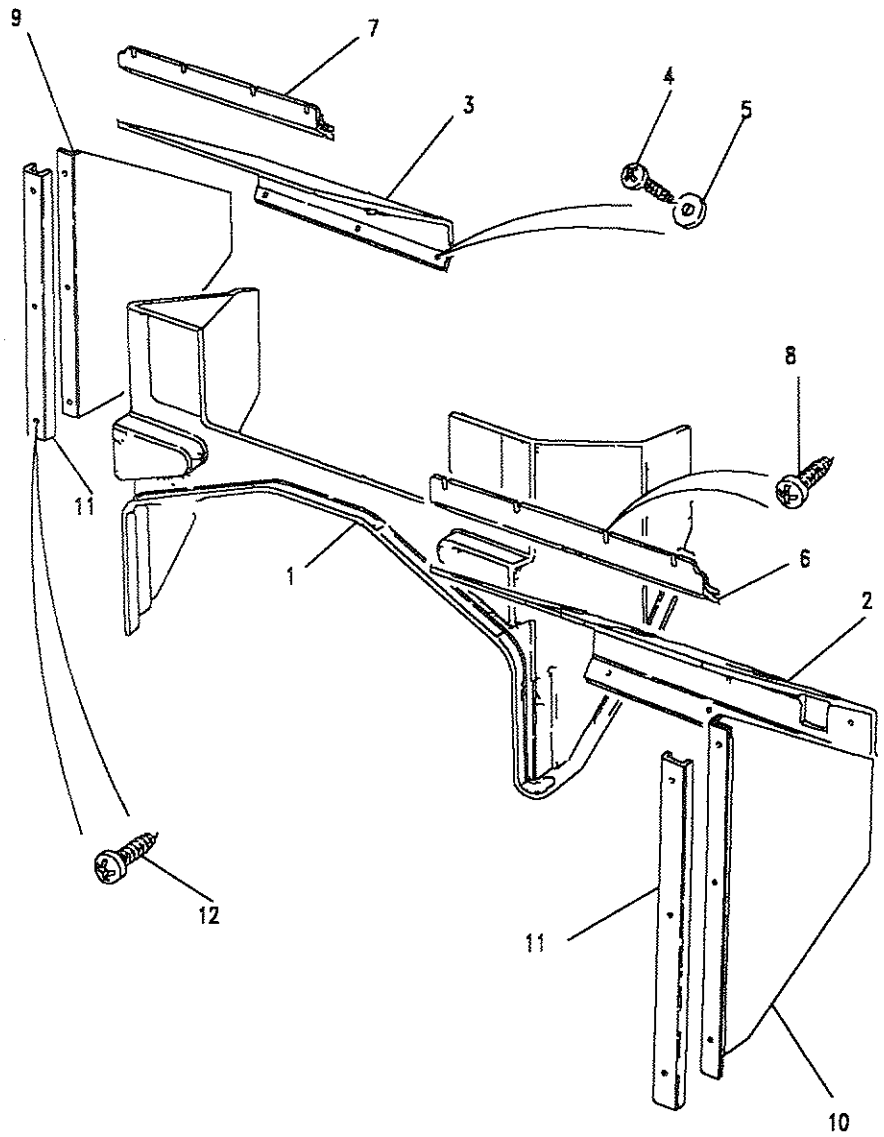
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Toebox trim - RHD - Air Con** | | | | |
| 2 | MUC9167 | Panel toebox trim RH | 1 | Upto VIN FA440581 |
| | MXC6538 | Panel toebox trim RH | 1 | From VIN FA440582 Upto VIN KA922165 |
| | BTR5232 | Panel toebox trim RH | 1 | From VIN KA922166 |
| 3 | MUC2210 | Panel toebox trim LH | 1 | Upto VIN FA440581 |
| | MXC6543 | Panel toebox trim LH | 1 | From VIN FA440582 |
| **Toebox trim - LHD - Non Air Con** | | | | |
| 2 | MUC9168 | Panel toebox trim RH | 1 | Upto VIN FA440581 |
| | MXC6540 | Panel toebox trim RH | 1 | From VIN FA440582 Upto VIN KA922252 |
| | BTR5234 | Panel toebox trim RH | 1 | From VIN KA922253 |
| 3 | MTC4865 | Panel toebox trim LH | 1 | Upto VIN FA440581 |
| | MXC6541 | Panel toebox trim LH | 1 | From VIN FA440582 Upto VIN KA922252 |
| | BTR5235 | Panel toebox trim LH | 1 | From VIN KA922253 |




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**Page** ADPXIA1A

## FACIA - DASH TRIM

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Toebox trim - LHD - Air Con** | | | | |
| 2 | MTC8360 | Panel toebox trim RH | 1 | Upto Note(1) |
| | MUC9169 | Panel toebox trim RH | 1 | From Note(1)<br>Upto VIN FA440581 |
| | MXC6542 | Panel toebox trim RH | 1 | From VIN FA440582<br>Upto VIN KA922252 |
| | BTR5236 | Panel toebox trim RH | 1 | From VIN KA922253 |
| 3 | MTC4865 | Panel toebox trim LH | 1 | Upto VIN FA440581 |
| | MXC6541 | Panel toebox trim LH | 1 | From VIN FA440582<br>Upto VIN KA922252 |
| | BTR5235 | Panel toebox trim LH | 1 | From VIN KA922253 |
| | MTC8349 | Baffle | 1 | Air Con |
| 4 | AB606041L | Screw | 6 | |
| 5 | WC104001L | Washer plain | 6 | |
| 6 | MWC6254 | Retainer RH | 1 | Upto VIN FA440581 |
| | MXC6550 | Retainer RH | 1 | From VIN FA440582 |
| | | -RHS | | Upto VIN KA922165 |
| | | -LHS | | Upto VIN KA922252 |
| | BTR6194 | Retainer trim panel | 1 | |
| | | -RHS | | From VIN KA922166 |
| | | -LHS | | From VIN KA922253 |
| 7 | 396416 | Retainer LH | 1 | Upto VIN 303555 |
| | MWC6253 | Retainer LH | 1 | From VIN 303556<br>Upto VIN FA440581 |
| | MXC6551 | Retainer LH | 1 | From VIN FA440582 |
| | | -RHS | | Upto VIN KA922165 |
| | | -LHS | | Upto VIN KA922252 |
| | BTR6193 | Retainer trim panel | 1 | |
| | | -RHS | | From VIN KA922166 |
| | | -LHS | | From VIN KA922253 |
| 8 | AB606031L | Screw | 6 | Upto Note(3) |

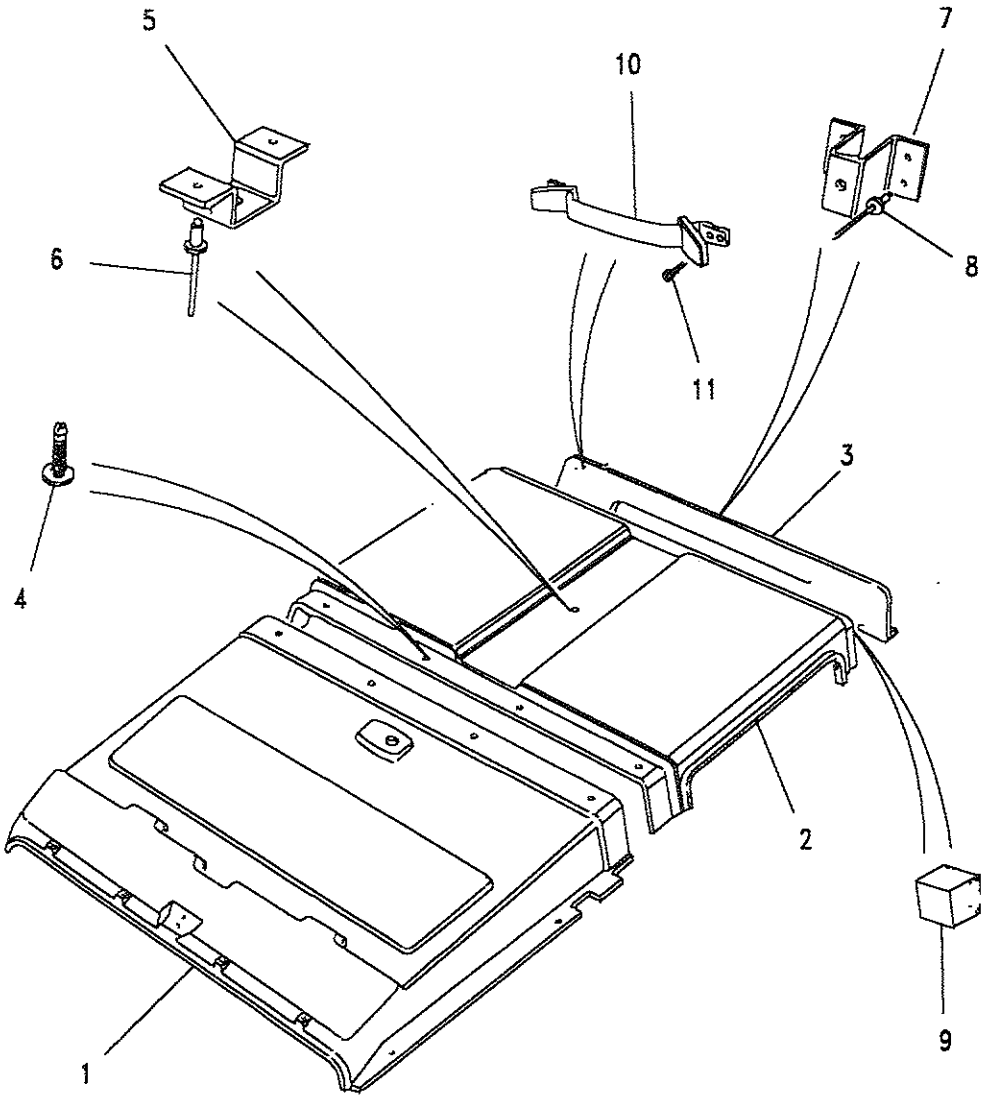



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**Page** ADPXIA1A

**FACIA - DASH TRIM**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 9 | MRC5394 | Cover dash side LH | 1 | Upto VIN 455945 |
| | BTR981 | Cover dash side LH | 1 | From VIN HA455946 |
| 10 | MTC6820 | Cover dash side RH | 1 | Upto VIN 455945 |
| | BTR980 | Cover dash side RH | 1 | From VIN HA455946 |
| 11 | MUC9347 | Retainer | 2 | Upto VIN 455945 |
| | BTR978 | Retainer RH | 1 | From VIN HA455946 Upto VIN HA702829 |
| | BTR2372 | Retainer RH | 1 | From VIN HA702830 |
| | BTR979 | Retainer LH | 1 | From VIN HA455946 Upto VIN HA702829 |
| | BTR2371 | Retainer LH | 1 | From VIN HA702830 |
| 12 | AB606041L | Screw | 6 | |

Note(1) VIN SALLDVAD7AA270227, SALLDVAC7AA270484, and SALLDVAV7AA271214 - Introduction of 1987 Model Year
Note(2) Introduction of 1988 Model Year - VIN FA
Note(3) Upto VIN FA440581, from VIN FA440582 use heater duct fixings - see items 3, 4, and 5 on page 929 - 930

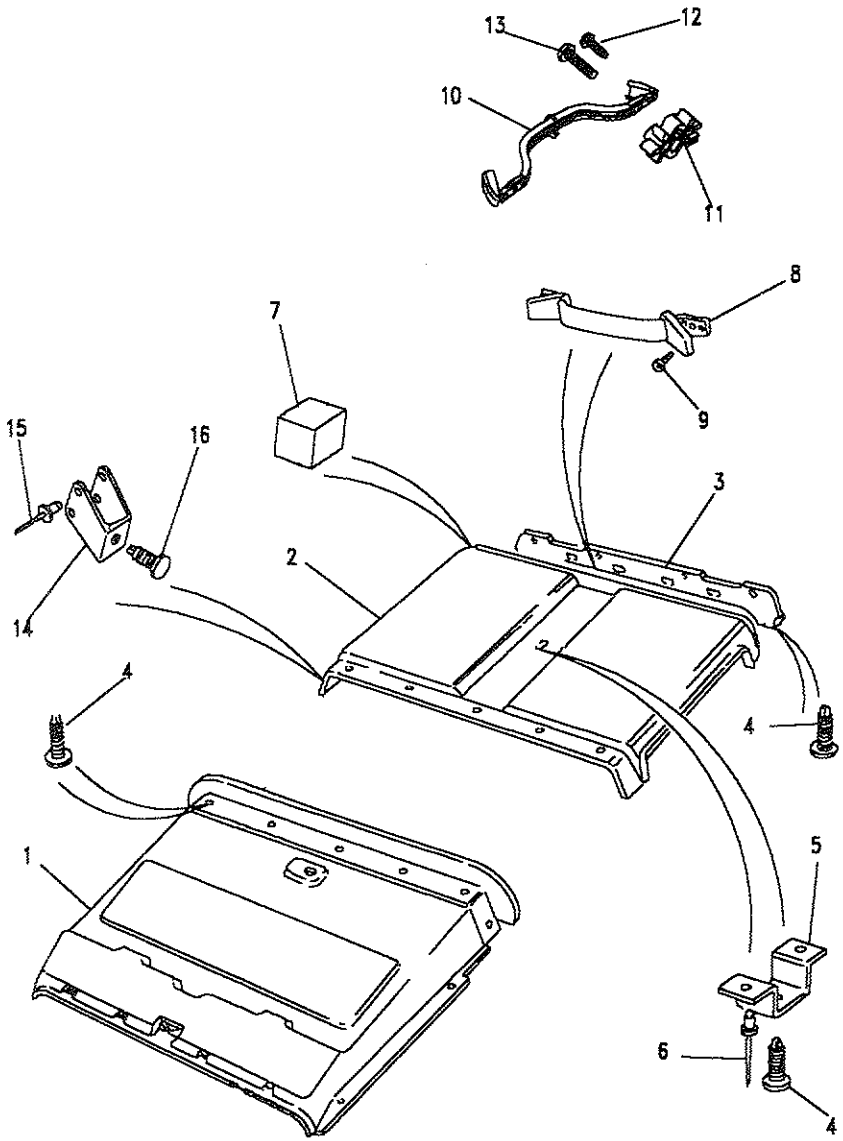



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**TRIM - STATION WAGON - ROOF**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN 314173 - Note(1)** | | | | |
| 1 | MUC6484 | Headlining | 1 | Upto VIN 232401 |
| | MUC6492 | Headlining front | 1 | From VIN 232402 |
| 2 | MUC6493 | Headlining rear | 1 | |
| 3 | MUC6487 | Lining rear end | 1 | |
| | MWC2896 | Lining rear end | 1 | Note(2) |
| 4 | AFU1900 | Fastener | 15 | |
| 5 | MTC6686 | Bracket mounting | 1 | |
| 6 | RU608123L | Rivet | 2 | |
| 7 | MTC6408 | Bracket mounting | 4 | Upto VIN 238316 |
| 8 | RU608123L | Rivet | 16 | Upto VIN 238316 |
| 9 | MWC3137 | Spacer foam | 2 | |
| 10 | YGA2682L | Grab handle | 2 | Rear |
| 11 | AB608061L | Screw | 8 | |

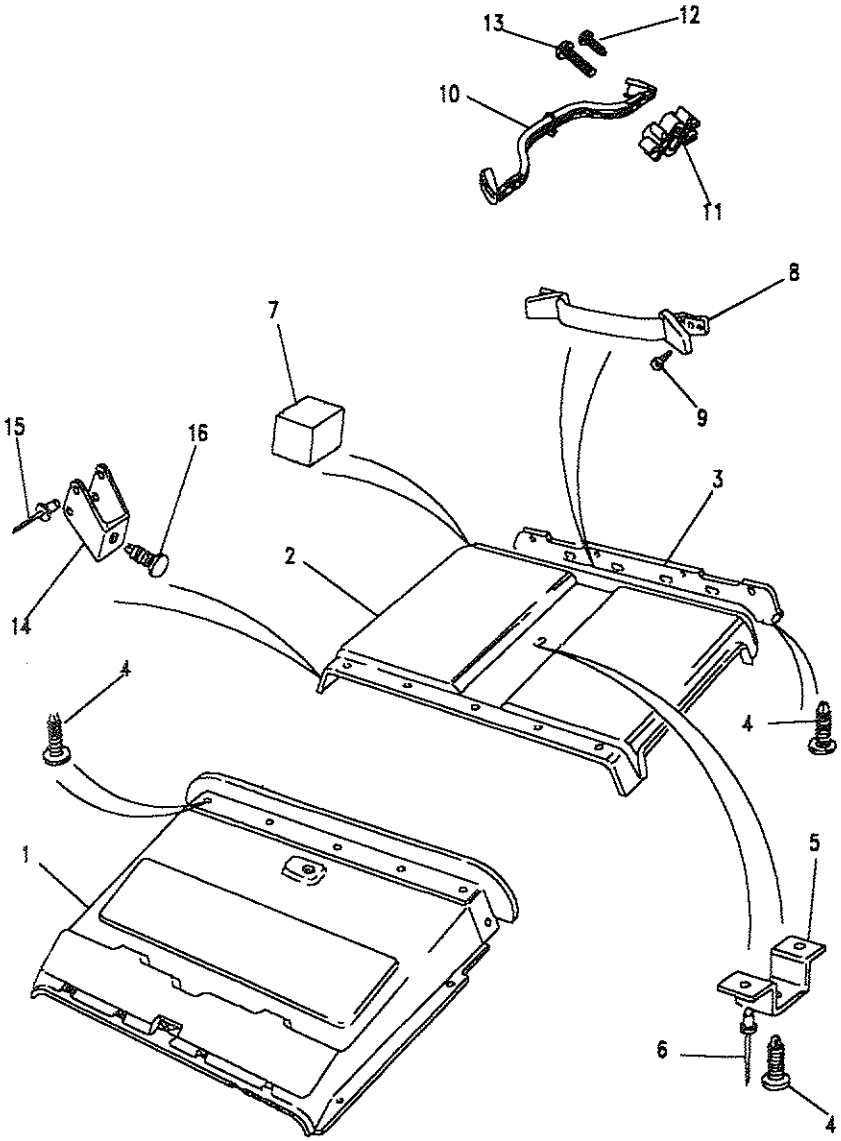
Note(1) Introduction of 1988 Model Year - VIN EA
Note(2) With ventilator aperture provision




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**Page** ADPXKA2A

**TRIM - STATION WAGON - ROOF**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From VIN EA314174 - Note(1)** | | | | |
| 1 | MXC2343LUH | Headlining front | 1 | |
| | BTR9176LUH | Headlining front | 1 | From MA939976 |
| | MWC9491LUH | Headlining front-sunroof | 1 | Upto Note(2) |
| | MXC5856LUH | Headlining front-sunroof | 1 | From Note(2) Upto VIN 455945 |
| | MXC2344LUH | Headlining front-sunroof | 1 | From VIN HA455946 |
| | BTR4525LUH | Headlining front-sunroof | 1 | From VIN JA906680 |
| | BTR9181LUH | Headlining front-sunroof | 1 | From MA939976 680 |
| 2 | MXC2346LUH | Headlining rear | 1 | |
| | MXC2346LUH | Headlining rear-sunroof | 1 | |
| 3 | MXC1645LUH | Lining rear end | 1 | Upto VIN FA441847 |
| | BTR586LUH | Lining rear end | 1 | From VIN FA441848 |
| 4 | MWC9832LUH | Fastener | 15 | |
| 5 | MTC6686 | Bracket mounting | 1 | |
| 6 | RU608123L | Rivet | 2 | |
| 7 | MUC4199 | Spacer foam | 2 | Upto VIN 335120 |
| | MWC3137 | Spacer foam | 2 | From VIN 335121 |

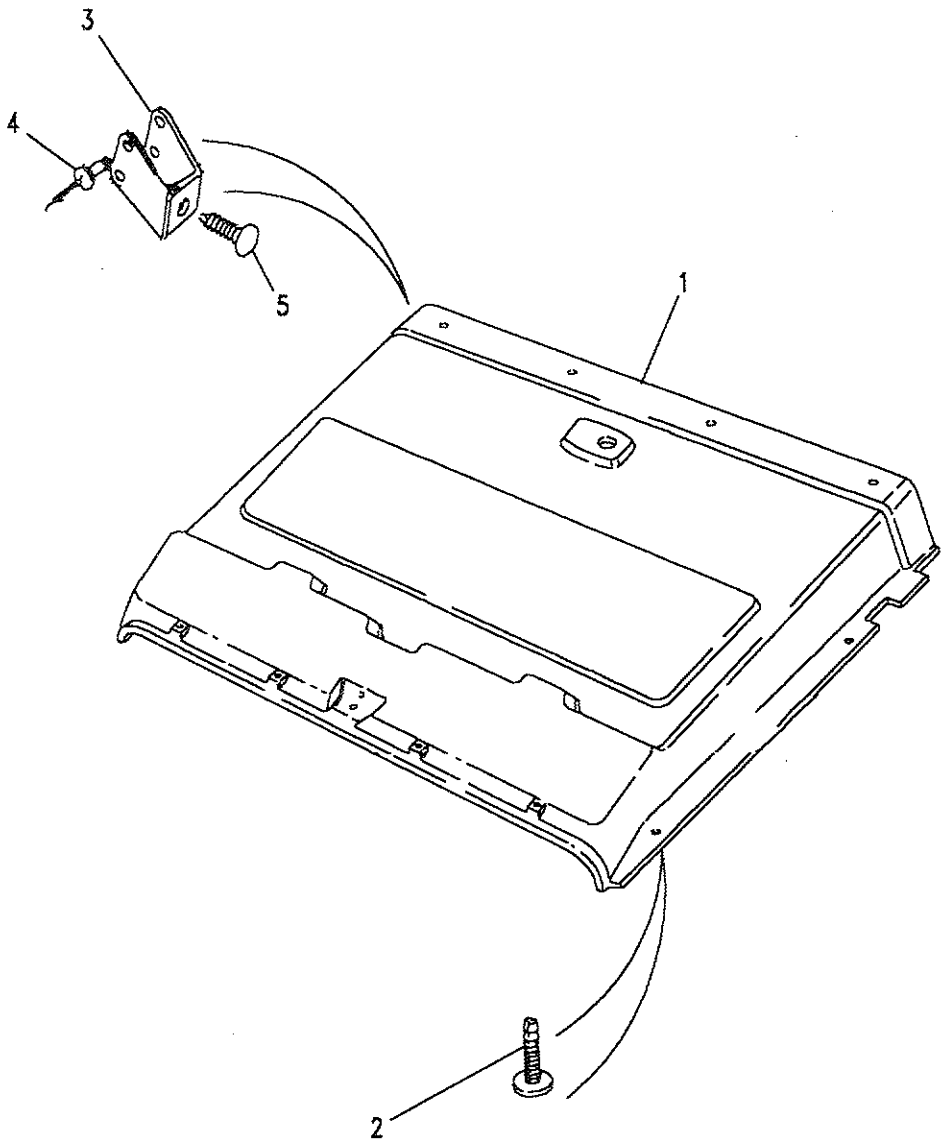



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**Page** ADPXKA2A

**TRIM - STATION WAGON - ROOF**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 8 | YGA2682L | Grab handle | 2 | Upto VIN JA917889 |
| 9 | AB608061L | Screw | 8 | Upto VIN JA917889 |
| 10 | JPC5641LUN | Grab handle | 2 | From VIN JA917890 Note(4) |
| 11 | PAM4356L | Spacer | 4 | From VIN JA917890 |
| 12 | AB608107 | Screw | 4 | From VIN JA917890 |
| 13 | SE105351L | Screw | 4 | From VIN JA917890 |
| 14 | MXC5859 | Bracket retaining | 2 | |
| 15 | RU612373L | Rivet | 8 | |
| 16 | MWC9832LUH | Fastener | 2 | |

Note(1) Introduction of I988 Model Year - VIN EA314174
Note(2) Introduction of 1989 Model Year - VIN FA
Note(3) LUH = Ripple Grey
Note(4) LUN = Ash

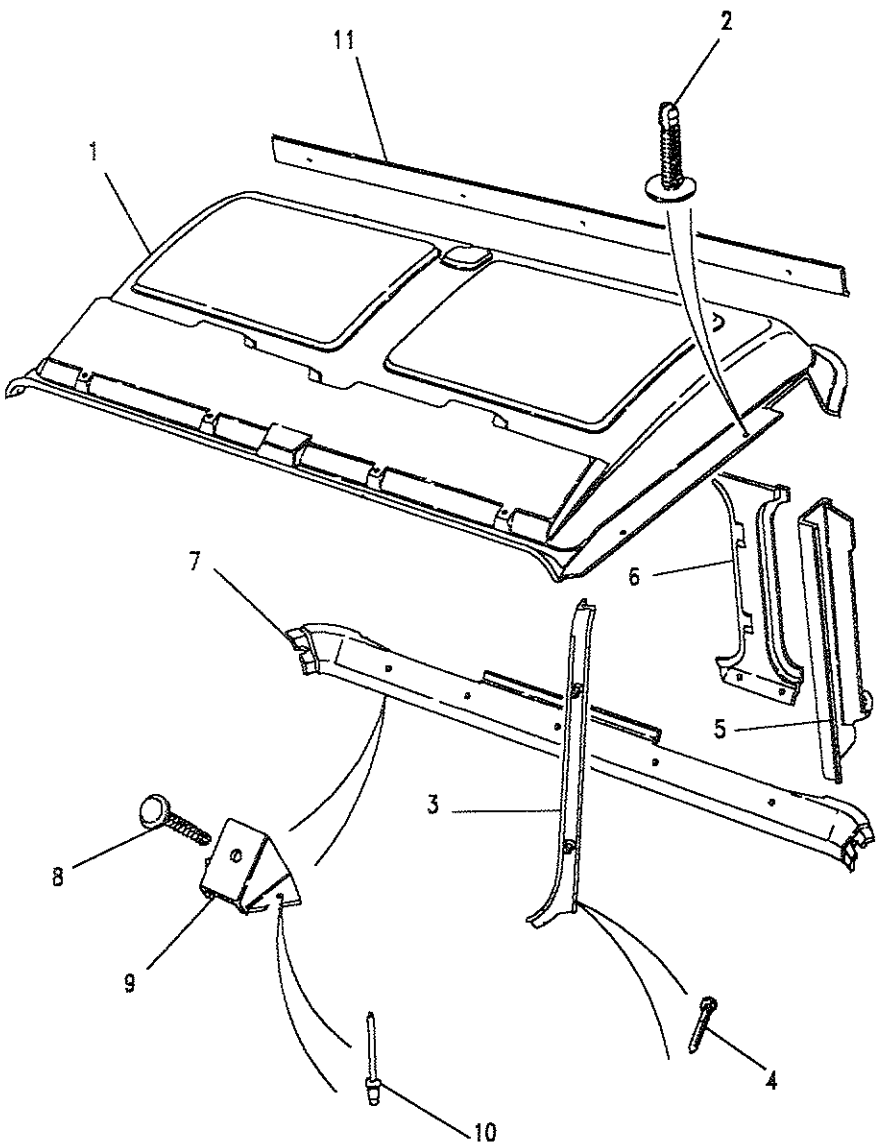



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**Page** ADPXKA3A

**TRIM - HARD TOP**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC6651 | Headlining front | 1 | Upto Note(1) |
| | MXC5857LUH | Headlining front | 1 | From Note(1) Upto VIN 455945 |
| | MXC2345LUH | Headlining front | 1 | From VIN HA455946 |
| | BTR9178LUH | Headlining front | 1 | From MA939976 946 |
| | BTR4525LUH | Headlining front-sunroof | 1 | From VIN JA906680 |
| | BTR9181LUH | Headlining front-sunroof | 1 | From MA939976 680 |
| 2 | AFU1900 | Fastener | 8 | Upto Note(1) |
| | MWC9832LUH | Fastener | 8 | From Note(1) |
| 3 | MXC5859 | Bracket retaining | 2 | From Note(1) |
| 4 | RU612373L | Rivet | 8 | From Note(1) |
| 5 | MWC9832LUH | Fastener | 2 | From Note(1) |

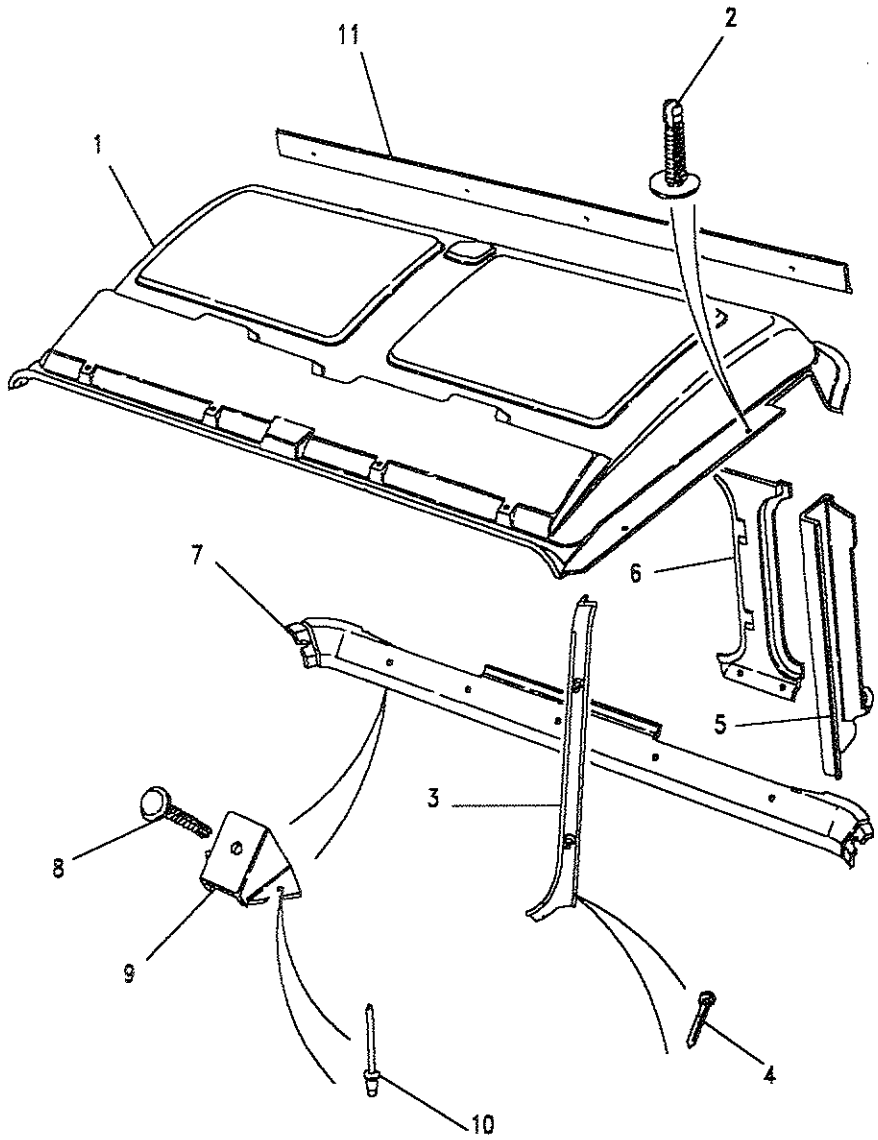
Note(1) Introduction of 1988 Model Year - VIN EA314059
Note(2) LUH = Ripple Grey




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**Page** ADPXKA4A

**TRIM - TRUCK CAB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC5206 | Headlining | 1 | Upto VIN 232401 |
| | MUC6496 | Headlining | 1 | From VIN 232402 Upto VIN 314040 |
| | MXC2348LUH | Headlining | 1 | From Note(2) |
| | BTR9179LUH | Headlining | 1 | From MA939976 |
| 2 | AFU1900 | Fastener | 4 | Upto VIN 314040 |
| | MWC9832LUH | Fastener | 4 | From Note(2) |
| 3 | MTC5212 | Trim 'A' post RH | 1 | |
| | MTC5213 | Trim 'A' post LH | 1 | Upto Note(1) |
| | MWC2314 | Trim 'A' post LH | 1 | From Note(1) |
| 4 | AB606084 | Screw | 4 | |
| 5 | MUC6498 | Trim 'B' post RH | 1 | Upto VIN 314040 |
| | MUC6499 | Trim 'B' post LH | 1 | Upto VIN 314040 |
| | MWC5712LUH | Trim 'B' post RH | 1 | From Note(2) |
| | MWC5713LUH | Trim 'B' post LH | 1 | From Note(2) |
| 6 | MUC6652 | Trim rear pillar RH | 1 | Upto VIN 314040 |
| | MUC6653 | Trim rear pillar LH | 1 | Upto VIN 314040 |
| | MWC5710LUH | Trim rear pillar RH | 1 | From Note(2) |
| | MWC5711LUH | Trim rear pillar LH | 1 | From Note(2) |
| 7 | MUC6497 | Trim rear lower | 1 | Upto VIN 314040 |
| | MWC5708LUH | Trim rear lower | 1 | From Note(2) |
| 8 | AFU1900 | Fastener | 7 | Upto VIN 314040 |
| | MWC9832LUH | Fastener | 7 | From Note(2) |

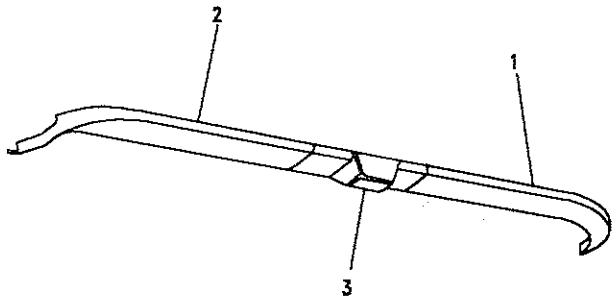



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**Page** ADPXKA4A

**TRIM - TRUCK CAB**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 9 | MTC5486 | Bracket mounting | 7 | |
| 10 | RA608236L | Rivet | 14 | |
| 11 | MWC9604 | Retainer headlining | 1 | From Note(2) Upto VIN KA930143 |
| | AB608054L | Screw | 4 | From Note(2) Upto VIN KA930143 |

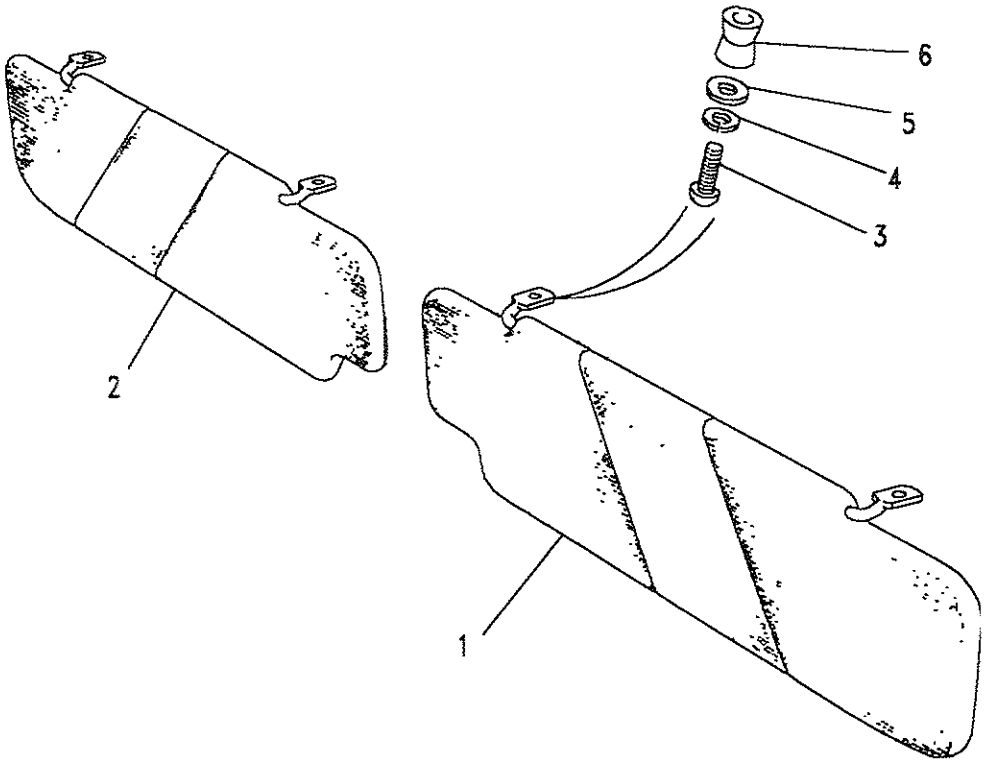
Note(1) VIN SALLDVAD7AA270227, SALLDVAC7AA270484, and SALLDVAV7AA271214 - Introduction of 1987 Model Year
Note(2) VIN 314041 - Introduction of 1988 Model Year




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**Page** ADPXKA5A

**TRIM - TRUCK CAB**

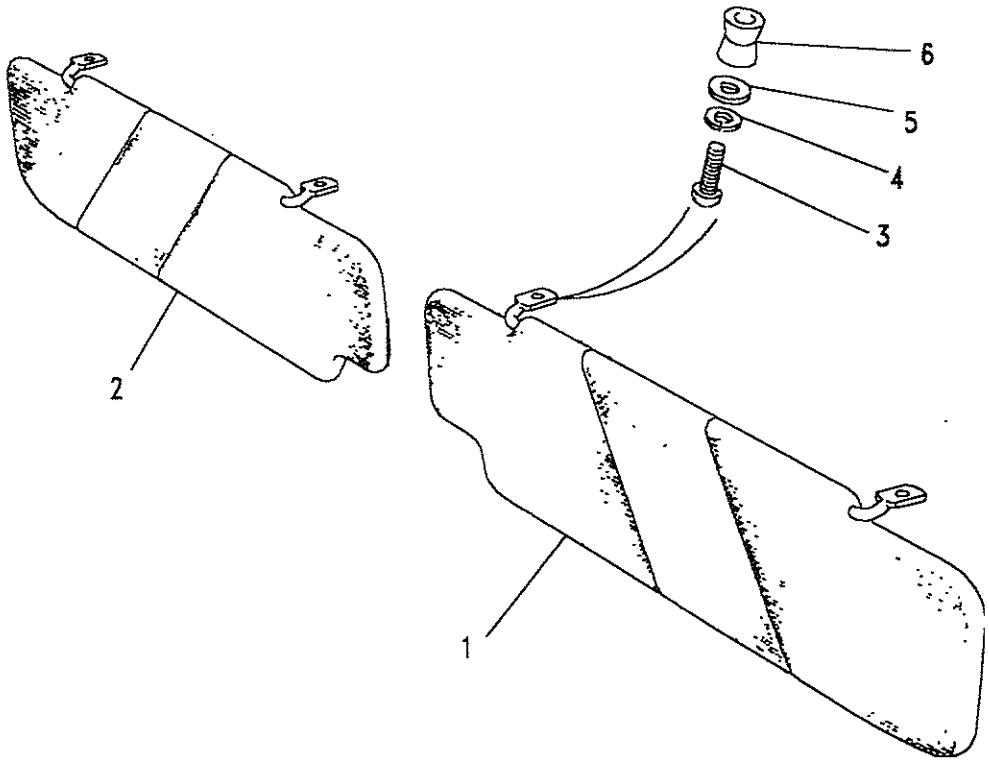
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 17 | BTR9810 | Panel trim RH -windscreen header | 1 | 90SV |
| 18 | BTR9811 | Panel trim centre -windscreen header | 1 | 90SV |
| 19 | BTR8513 | Panel trim LH -windscreen header | 1 | 90SV |
| 17 | AWR1547LNF | Panel trim RH -windscreen header | 1 | 95my |
| 18 | AWR1546LNF | Panel trim centre -windscreen header | 1 | 95my |
| 19 | AWR1545LNF | Panel trim LH -windscreen header | 1 | 95my |




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## TRIM - SUN VISORS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC5698 | Sunvisor RH | 1 | Upto VIN 314058 |
| 2 | MTC5699 | Sunvisor LH | 1 | Upto VIN 314058 |
| | MXC1394LUH | Sunvisor RH | 1 | From Note(1) |
| | MXC1395LUH | Sunvisor LH | 1 | From Note(1) |
| | BTR6334PUC | Sunvisor RH | 1 | 90SV |
| | BTR6333PUC | Sunvisor LH | 1 | 90SV |
| **Untrimmed Vehicle - Upto VIN KA926045** | | | | |
| 3 | SE106201L | Screw | 4 | |
| 4 | WL106001L | Washer spring | 4 | |
| 5 | WA106041L | Washer plain | 4 | |
| 6 | NN106021 | Nut anchor | 4 | From VIN FA413835 |
| **Untrimmed Vehicle - From VIN KA926046** | | | | |
| 3 | AB614061L | Screw | 4 | |
| 4 | WL106001L | Washer spring | 4 | |
| 5 | WA106041L | Washer plain | 4 | |
| 6 | 79246 | Nut spire | 4 | |
| **Trimmed Vehicle - Upto VIN KA926045** | | | | |
| 3 | SE106251L | Screw | 4 | |
| 4 | WL106001L | Washer spring | 4 | |
| 5 | WA106041L | Washer plain | 4 | |
| 6 | NN106021 | Nut anchor | 4 | From VIN FA413835 |

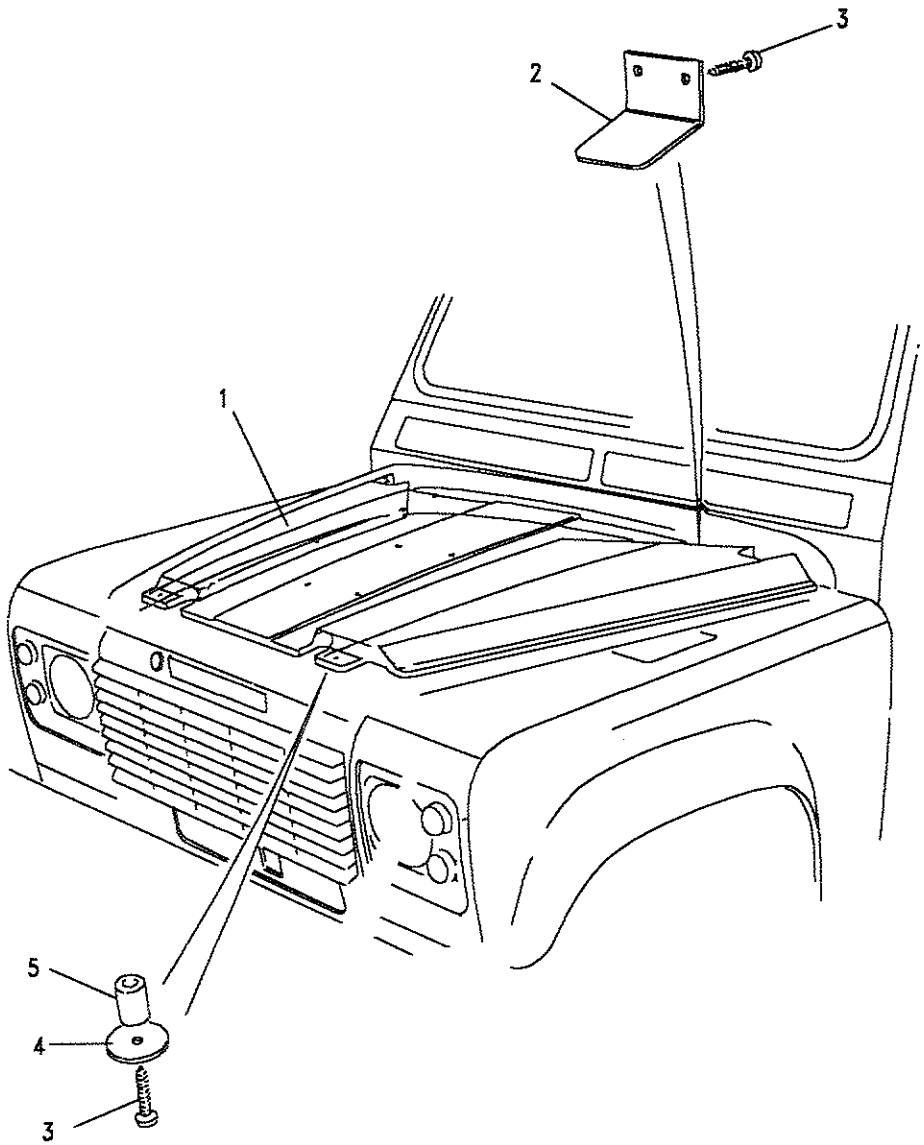



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**TRIM - SUN VISORS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Trimmed Vehicle - From VIN KA926046** | | | | |
| 3 | AB614081L | Screw | 4 | |
| 4 | WL106001L | Washer spring | 4 | |
| 5 | WA106041L | Washer plain | 4 | |
| 6 | 79246 | Nut spire | 4 | |

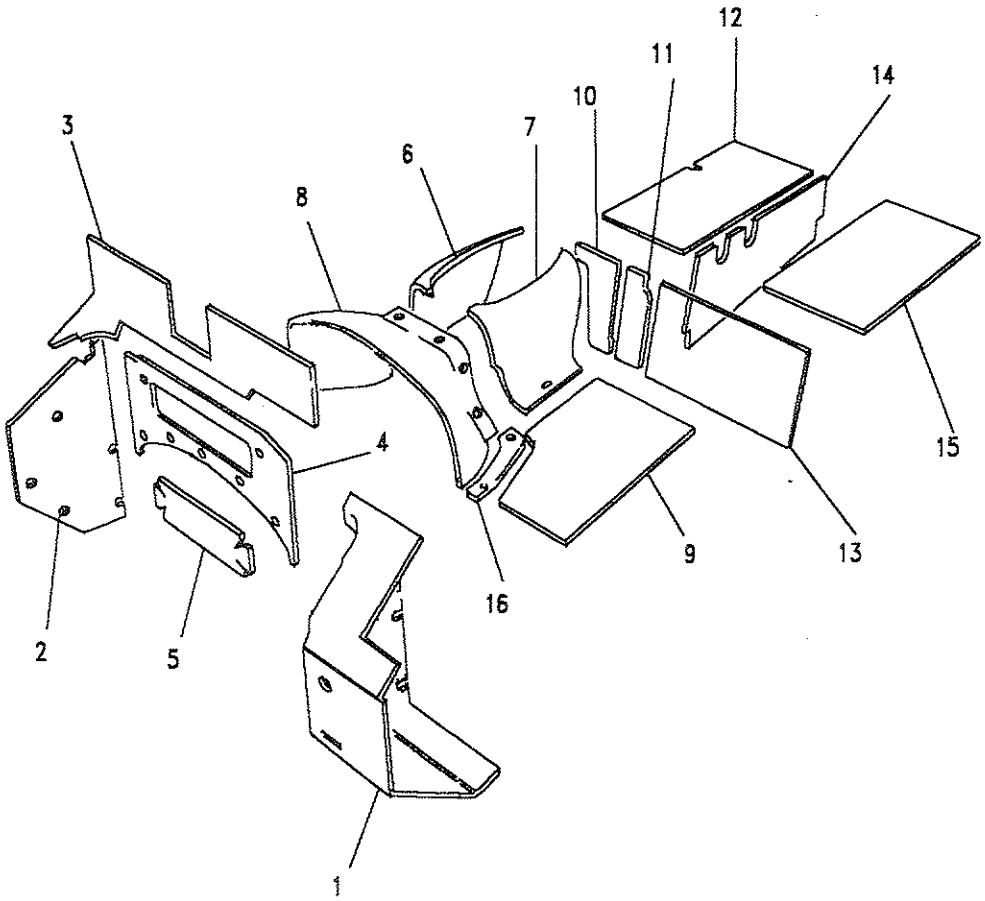
Note(1) VIN 314059 - Introduction of 1988 Model Year




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## TRIM - BONNET INSULATION

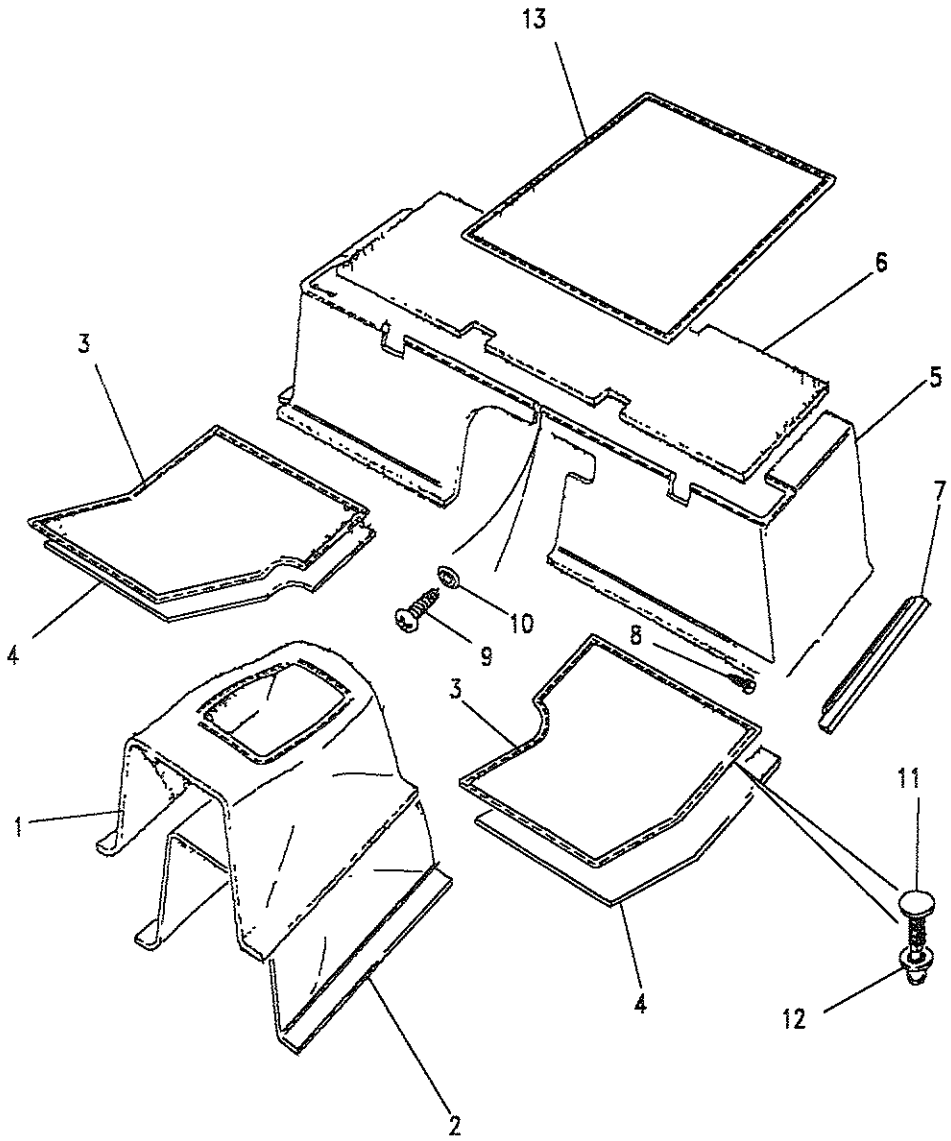
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | BTR3415 | Insulation bonnet | 1 | |
| | BTR6189 | Insulation bonnet | 1 | From MA939976 |
| 2 | MTC4657 | Bracket mounting | 2 | Upto VIN JA915268 |
| 3 | AR608061 | Screw | 13 | Upto VIN JA915268 |
| | AR608061 | Screw | 9 | From VIN JA915269 |
| 4 | AFU1071 | Washer plain | 9 | |
| 5 | AFU1497 | Spacer | 9 | Upto VIN JA915268 |
| | RU612373L | Rivet | 9 | Alternative fixing |




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**Page** ADPXMA2A

## INSULATION - TURBO DIESEL

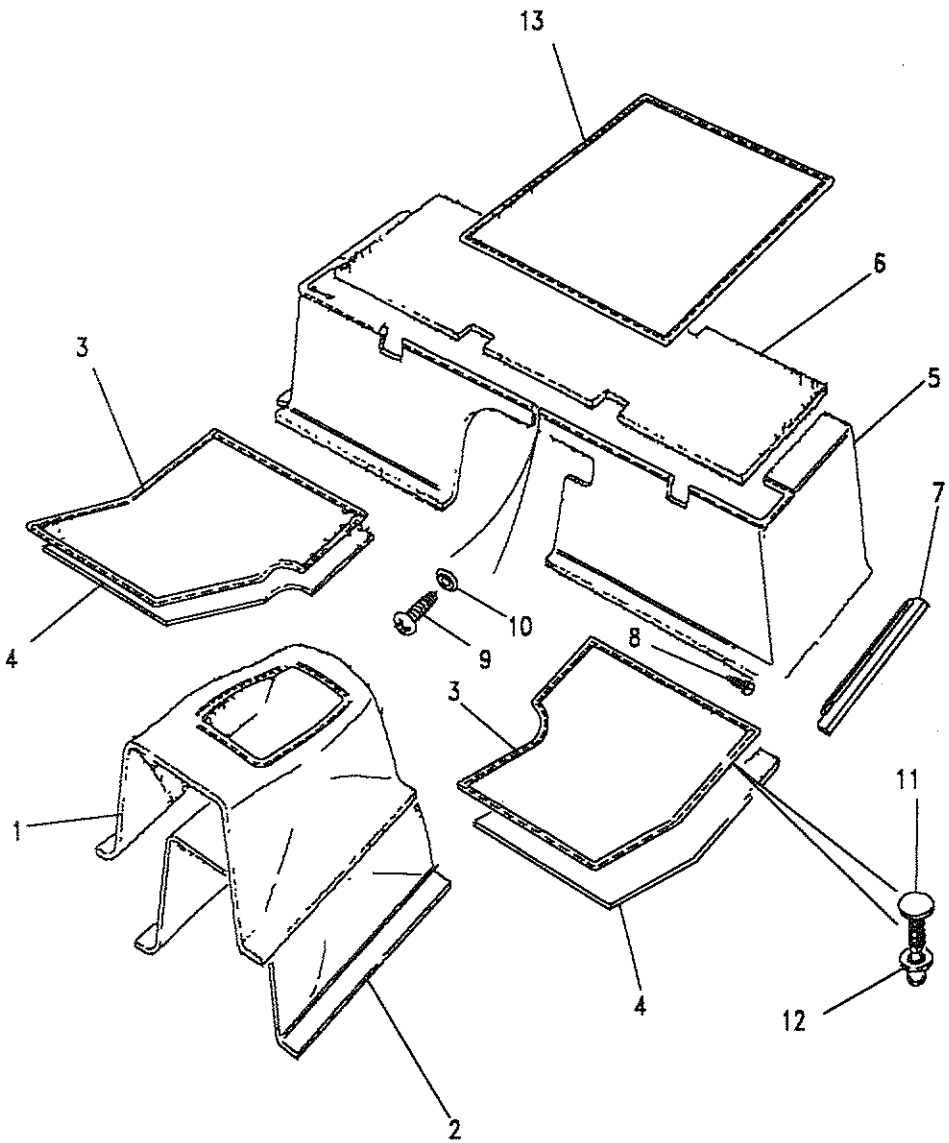
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MWC8203 | Insulation toebox LH | 1 | RHD |
| | MWC8201 | Insulation Toebox LH | 1 | LHD |
| 2 | MWC8202 | Insulation toebox innr RH | 1 | |
| 3 | MWC8205 | Insulation dash vent | 1 | |
| 4 | MWC8206 | Insulation dash pnl cntre | 1 | |
| 5 | MWC8207 | Insulation dash pnl lower | 1 | |
| 6 | MWC8208 | Insulation tunnel pnl RH | 1 | |
| 7 | MWC8209 | Insulation tunnel pnl LH | 1 | |
| 8 | MWC8210 | Insulation diaphrgm panel | 1 | |
| 9 | MWC8211 | Insulation floor plate LH | 1 | |
| 10 | MWC8212 | Insulation heelbrd centre | 1 | RHD Upto VIN 455945 |
| | BTR362 | Insulation heelbrd centre | 1 | RHD From VIN HA455946 |
| | MWC8213 | Insulation heelbrd centre | 1 | LHD Upto VIN 455945 |
| | BTR361 | Insulation heelbrd centre | 1 | LHD From VIN HA455946 |
| 11 | MWC8214 | Insulation heelboard LH | 1 | Upto VIN 455945 |
| | BTR363 | Insulation heelboard LH | 1 | From VIN HA455946 |
| 12 | MWC8215 | Insulation intmd panel LH | 1 | |
| 13 | MWC8216 | Insulation batt box front | 1 | Upto VIN 455945 |
| | BTR364 | Insulation batt box front | 1 | From VIN HA455946 |
| 14 | MWC8217 | Insulation batt box side | 1 | Upto VIN 455945 |
| | BTR365 | Insulation batt box side | 1 | From VIN HA455946 |
| 15 | MWC8218 | Insulation batt box lid | 1 | |
| 16 | MWC8219 | Insulation diaph flnge LH | 1 | |




**Model** DEFENDER 90
**Page** ADPXPA1A

**TRIM - CARPETS - FLOOR AND SEATBASE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto introduction of 1988 Model Year - Note(1)** | | | | |
| **4 Cylinder** | | | | |
| 1 | MUC1361RD | Carpet tunnel | 1 | |
| 2 | MUC1499 | Felt tunnel | 1 | |
| 3 | MUC1358RD | Carpet front floor RH | 1 | RHD |
| | MUC1357RD | Carpet front floor LH | 1 | RHD |
| | MUC1362RD | Carpet front floor RH | 1 | LHD |
| | MUC1363RD | Carpet front floor LH | 1 | LHD |
| 4 | MUC1498 | Felt front floor RH | 1 | Upto VIN KA929549 |
| | BTR8114 | Felt floor front RH-LT77 | 1 | From VIN KA929550 |
| | MUC1497 | Felt front floor LH | 1 | Upto VIN KA929549 |
| | BTR8115 | Felt floor front LH-LT77 | 1 | From VIN KA929550 |
| 5 | MUC3567RD | Carpet seatbase RH | 1 | RHD |
| | MUC1359RD | Carpet seatbase LH | 1 | RHD |
| | MUC3568RD | Carpet seatbase RH | 1 | LHD |
| | MUC1365RD | Carpet seatbase LH | 1 | LHD |
| **V8** | | | | |
| 1 | MUC1257RD | Carpet tunnel | 1 | |
| 2 | MUC1499 | Felt tunnel | 1 | |
| 3 | MUC1258RD | Carpet front floor RH | 1 | RHD |
| | MUC1259RD | Carpet front floor LH | 1 | RHD |
| | MUC1264RD | Carpet front floor RH | 1 | LHD |
| | MUC1265RD | Carpet front floor LH | 1 | LHD |
| 4 | MUC1268 | Felt front floor RH | 1 | Upto VIN KA929549 |
| | BTR8116 | Felt floor front RH | 1 | From VIN KA929550 |
| | MUC1269 | Felt front floor LH | 1 | |

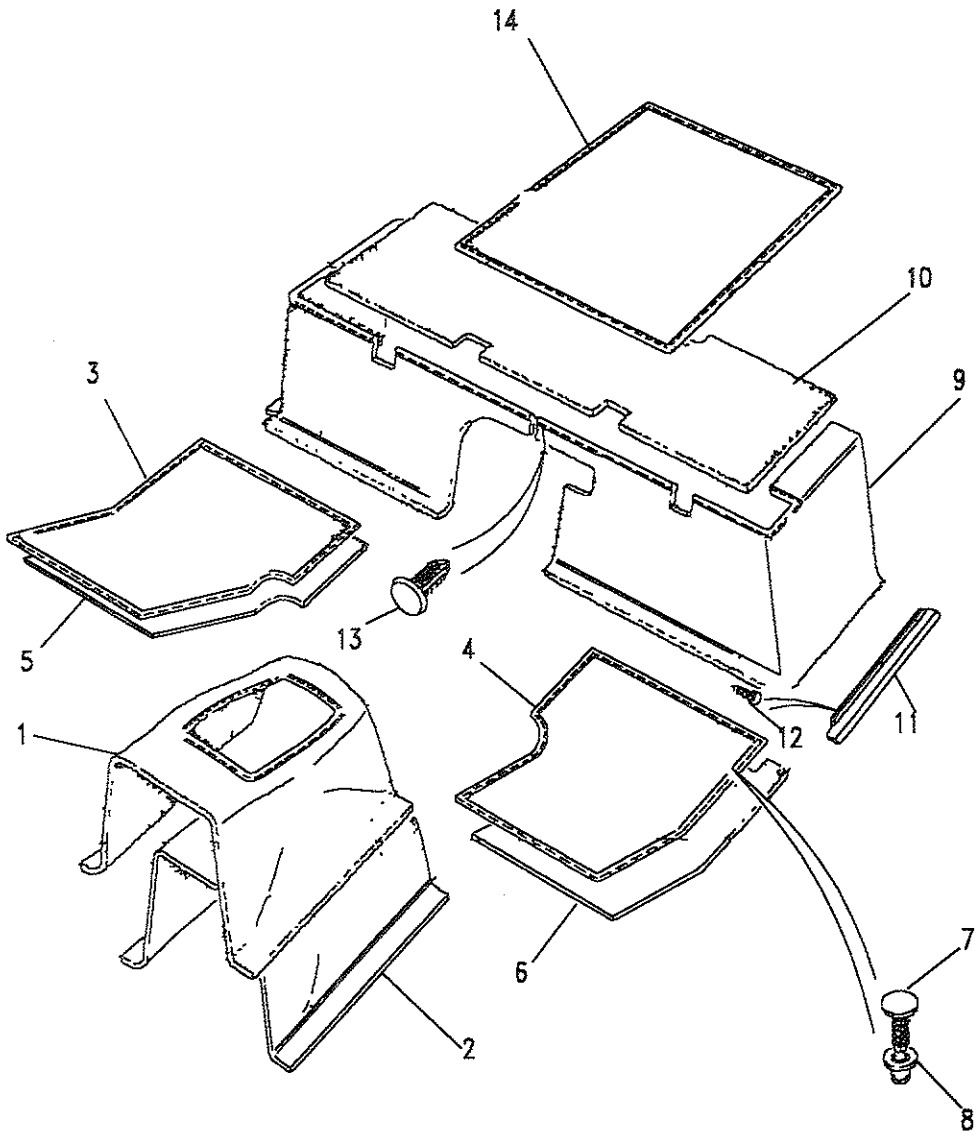



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**Page** ADPXPA1A

## TRIM - CARPETS - FLOOR AND SEATBASE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 5 | MUC4067RD | Carpet seatbase RH | 1 | RHD |
| | MUC1261RD | Carpet seatbase LH | 1 | RHD |
| | MUC4068RD | Carpet seatbase | 1 | LHD |
| **4 Cyl and V8** | | | | |
| 6 | MUC1757RD | Carpet seatbase top | 1 | |
| 7 | MUC1500 | Retainer | 2 | |
| 8 | AB606054L | Screw | 6 | |
| 9 | MTC9428 | Screw | 16 | |
| 10 | MTC9429 | Washer cup | 16 | |
| 11 | RTC3938AV | Fastener | 4 | |
| 12 | 13H2475L | Stud anchor | 4 | |
| 13 | MUC2400RD | Carpet rear floor | 1 | |

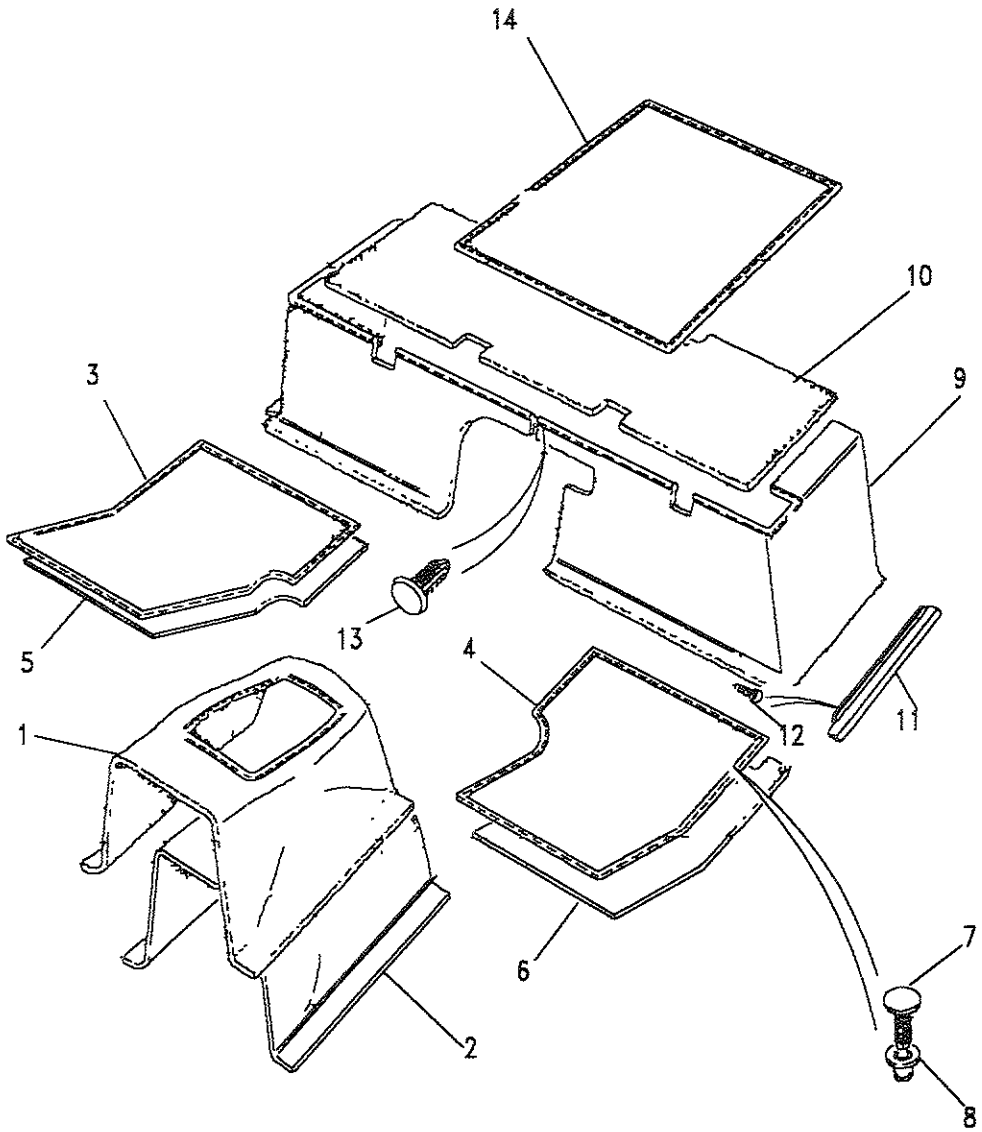
Note(1) Regular VIN 314059, Station Wagon VIN 314174
Note(2) RD = Brushwood
Note(3) AV = Brushwood




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**Page** ADPXPA2A

**TRIM - CARPETS - FLOOR AND SEATBASE**

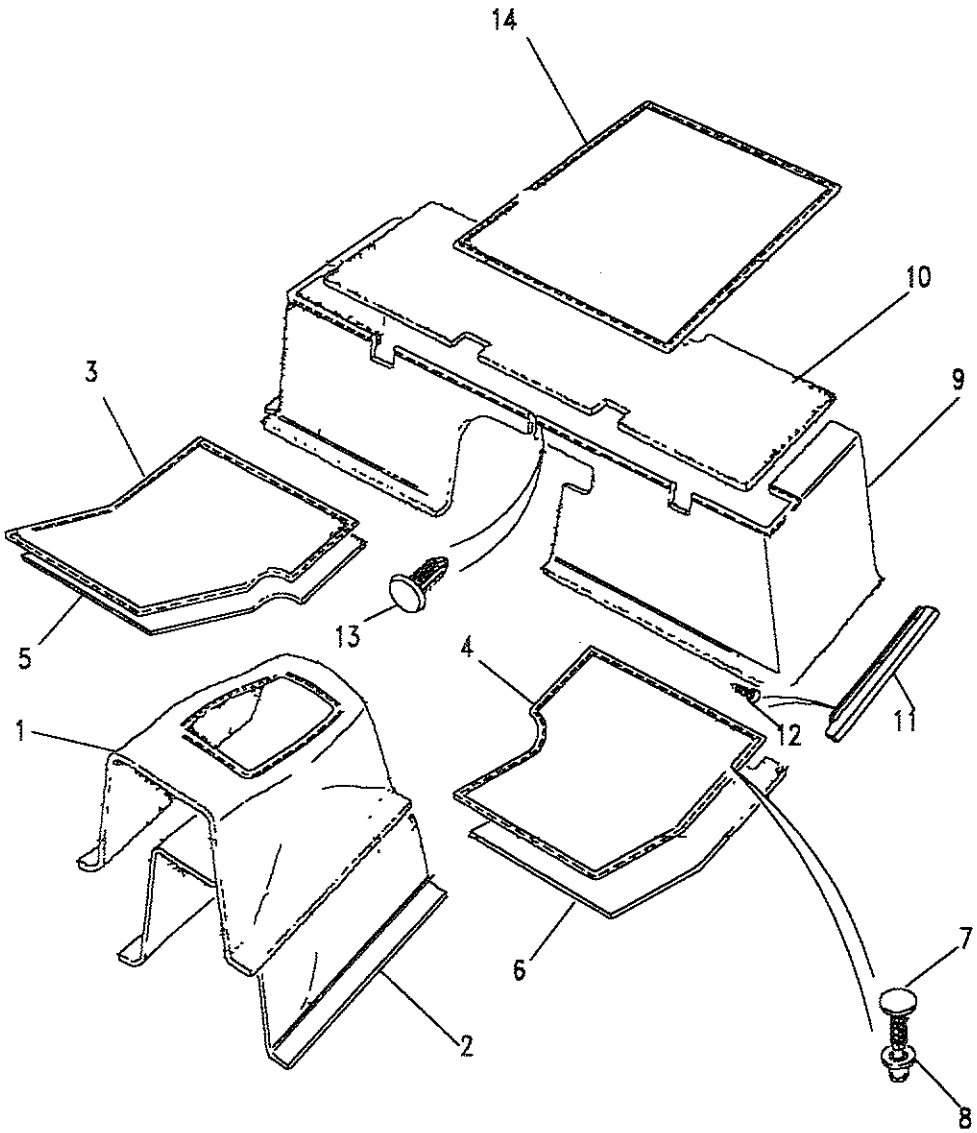
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From introduction of 1988 Model Year - Note(1)** | | | | |
| **4 Cylinder** | | | | |
| 1 | MUC1361LDE | Carpet tunnel | 1 | Upto LA939975 |
| | BTR9321LDE | Carpet tunnel | 1 | From MA939976 |
| 2 | MUC1499 | Felt tunnel | 1 | |
| 3 | MUC1358LDE | Carpet front floor RH | 1 | RHD |
| 4 | MUC1357LDE | Carpet front floor LH | 1 | RHD |
| | MUC1362LDE | Carpet front floor RH | 1 | LHD |
| | MUC1363LDE | Carpet front floor LH | 1 | LHD |
| 5 | MUC1498 | Felt front floor RH | 1 | Upto VIN KA929549 |
| | BTR8114 | Felt floor front RH-LT77 | 1 | From VIN KA929550 |
| 6 | MUC1497 | Felt front floor LH | 1 | Upto VIN KA929549 |
| | BTR8115 | Felt floor front LH-LT77 | 1 | From VIN KA929550 |
| 7 | RTC3938LDE | Fastener | 4 | |
| 8 | 13H2475L | Stud anchor | 4 | |
| **V8** | | | | |
| 1 | MUC1257LDE | Carpet tunnel | 1 | LT85 |
| | BTR1200LDE | Carpet tunnel | 1 | LT77 |
| | BTR9321LDE | Carpet tunnel | 1 | From MA939976 |
| 2 | MUC1499 | Felt tunnel | 1 | |
| 3 | MUC1258LDE | Carpet front floor RH | 1 | RHD |
| 4 | MUC1259LDE | Carpet front floor LH | 1 | RHD LT85 |
| | BTR1682LDE | Carpet front floor LH | 1 | RHD LT77 |
| | MUC1264LDE | Carpet front floor RH | 1 | LHD |
| | MUC1265LDE | Carpet front floor LH | 1 | LHD LT85 |
| | BTR1681LDE | Carpet front floor LH | 1 | LHD LT77 |
| 5 | MUC1268 | Felt front floor RH | 1 | Upto VIN KA929549 |
| | BTR8116 | Felt floor front RH | 1 | From VIN KA929550 |
| 6 | MUC1269 | Felt front floor LH | 1 | LT85 |
| | BTR1683 | Felt front floor LH | 1 | LT77 Upto VIN KA929549 |
| | BTR8117 | Felt floor front LH | 1 | From VIN KA929550 |
| 7 | RTC3938LDE | Fastener | 4 | |
| 8 | 13H2475L | Stud anchor | 4 | |




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**Page** ADPXPA2A

**TRIM - CARPETS - FLOOR AND SEATBASE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder - Upto VIN 347903** | | | | |
| 9 | MWC7658LDE | Carpet seatbase front RH | 1 | RHD |
| | MWC7657LDE | Carpet seatbase front LH | 1 | RHD |
| | MWC7662LDE | Carpet seatbase front RH | 1 | LHD |
| | MWC7661LDE | Carpet seatbase front LH | 1 | LHD |
| **V8 - Upto VIN 347903** | | | | |
| 9 | MWC7660LDE | Carpet seatbase front RH | 1 | RHD |
| | MWC7659LDE | Carpet seatbase front LH | 1 | RHD |
| | MWC7663LDE | Carpet seatbase front | 1 | LHD |
| **From VIN 347904 upto VIN 455945** | | | | |
| 9 | MWC9370LDE | Carpet seatbase front RH | 1 | 4 Cylinder |
| | MWC9371LDE | Carpet seatbase front LH | 1 | 4 Cylinder |
| | MWC9369LDE | Carpet seatbase front | 1 | V8 |
| **From VIN HA455946** | | | | |
| 9 | MXC2338LDE | Carpet seatbase front RH | 1 | 4 Cylinder |
| | MXC2339LDE | Carpet seatbase front LH | 1 | 4 Cylinder |
| | MXC2340LDE | Carpet seatbase front | 1 | V8 LT85 |
| | BTR1194LDE | Carpet seatbase front | 1 | V8 LT77 |
| 10 | MUC1757LDE | Carpet seatbase top | 1 | Upto VIN 455945 |
| | MXC2337LDE | Carpet seatbase top | 1 | From VIN HA455946 |

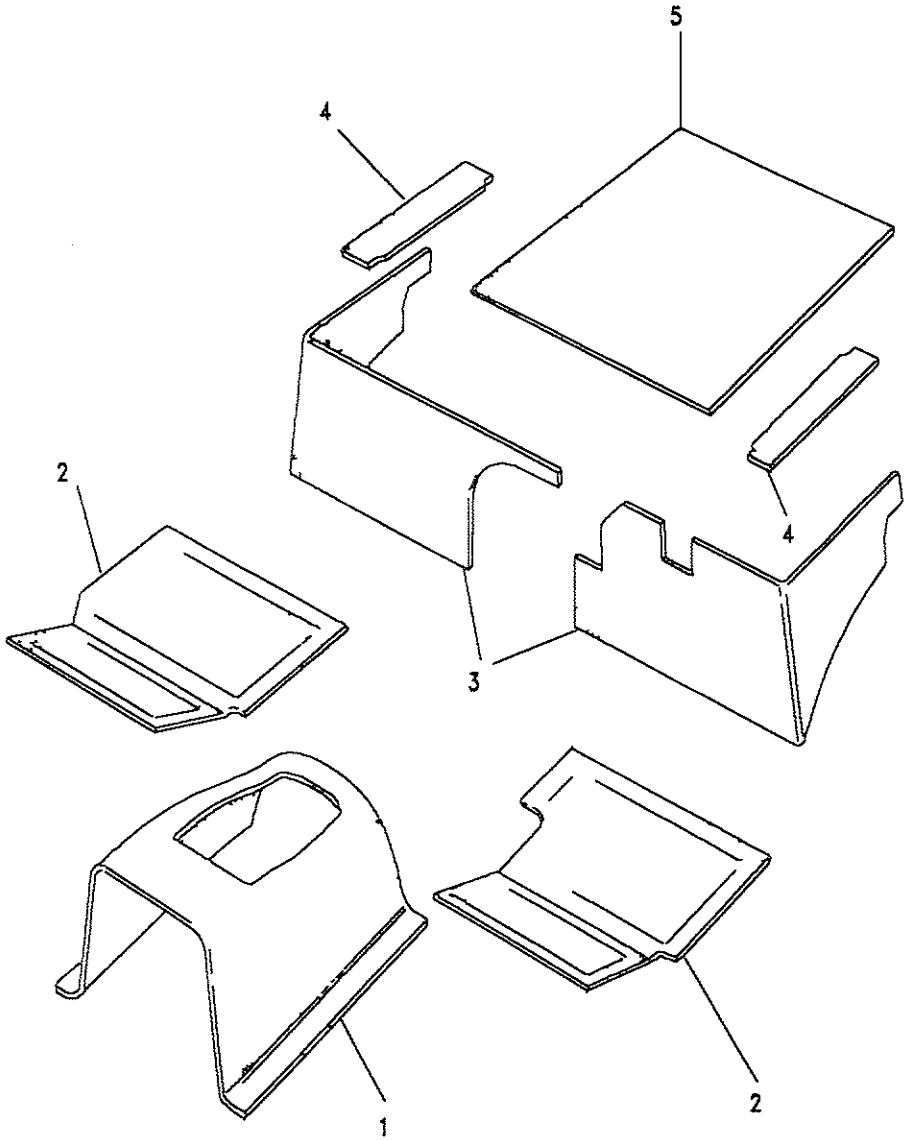



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**Page** ADPXPA2A

**TRIM - CARPETS - FLOOR AND SEATBASE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 11 | MUC1500 | Retainer | 2 | Upto VIN KA924784 |
| **Non Station Wagon Only - From VIN 347904** | | | | |
| 11 | MWC9376 | Retainer | 2 | Upto VIN KA924784 |
| 12 | AB606054L | Screw | 6 | Upto VIN KA924784 |
| 13 | AFU1897LDE | Fastener | 9 | |
| 14 | MUC2400LDE | Carpet rear floor | 1 | |

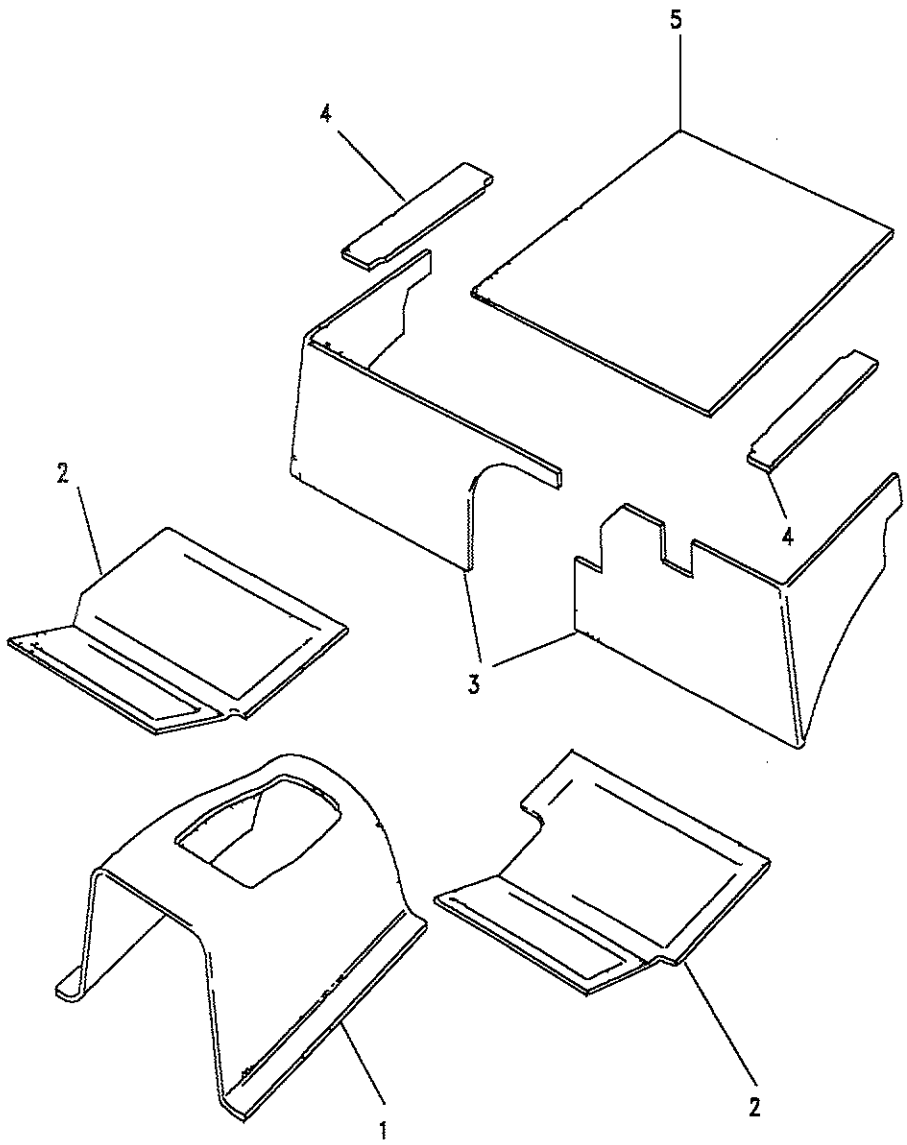
Note(1) Regular VIN 314059, Station Wagon VIN314174
Note(2) LDE = Slate




**Model** DEFENDER 90
**Page** ADPXTA1A

## TRIM - RUBBER FLOOR MATS AND SEATBASE INSULATION

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **4 Cylinder** | | | | |
| 1 | MUC1621 | Cover tunnel | 1 | |
| 2 | MUC2268 | Cover floor RH RHD | 1 | Upto VIN KA929549 |
| | BTR7896 | Cover floor RH | 1 | From VIN KA929550 |
| | MUC2269 | Cover floor LH RHD | 1 | Upto VIN KA929549 |
| | BTR7895 | Cover floor LH | 1 | From VIN KA929550 |
| | MUC2270 | Cover floor RH LHD | 1 | Upto VIN KA929549 |
| | BTR7896 | Cover floor RH | 1 | From VIN KA929550 |
| | MUC2271 | Cover floor LH LHD | 1 | Upto VIN KA929549 |
| | BTR7895 | Cover floor LH | 1 | From VIN KA929550 |
| 3 | MXC1804PMA | Insuln s/base front RH | 1 | Upto VIN 455945 |
| | MXC1805PMA | Insuln s/base front LH | 1 | Upto VIN 455945 |
| | MXC5088PMA | Insuln s/base front RH | 1 | From VIN HA455946 |
| | MXC5089PMA | Insuln s/base front LH | 1 | From VIN HA455946 |
| **V8** | | | | |
| 1 | MUC1253 | Cover tunnel | 1 | LT85 |
| | BTR1198 | Cover tunnel | 1 | LT77 |
| | BTR9320 | Carpet tunnel | 1 | From MA939976 |
| 2 | MUC1250 | Cover floor RH RHD | 1 | Upto VIN KA929549 |
| | BTR7898 | Cover floor RH | 1 | From VIN KA929550 |
| | MUC1249 | Cover floor LH RHD-LT85 | 1 | |
| | BTR1680 | Cover floor LH RHD-LT77 | 1 | Upto VIN KA929549 |
| | BTR7897 | Cover floor LH | 1 | From VIN KA929550 |
| | MUC1254 | Cover floor RH LHD | 1 | Upto VIN KA929549 |
| | BTR7898 | Cover floor RH | 1 | From VIN KA929550 |
| | MUC1255 | Cover floor LH LHD-LT85 | 1 | |
| | BTR1679 | Cover floor LH LHD-LT77 | 1 | Upto VIN KA929549 |
| | BTR7897 | Cover floor LH | 1 | From VIN KA929550 |
| 3 | MXC1806PMA | Insuln seatbase front | 1 | Upto VIN 455945 |
| | MXC5090PMA | Insuln seatbase front | 1 | LT85 From VIN HA455946 |
| | BTR1197PMA | Insuln seatbase front | 1 | LT77 |
| **4 Cylinder and V8** | | | | |
| 4 | 396950 | Insuln seatbase top RH | 1 | Upto VIN 347052 |

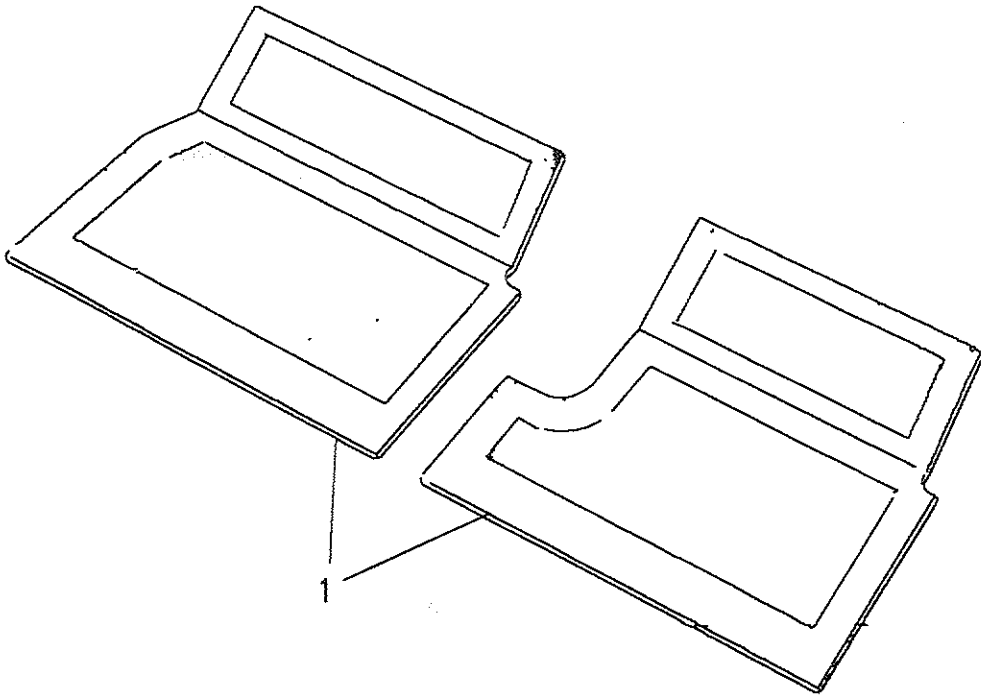



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**Page** ADPXTA1A

**TRIM - RUBBER FLOOR MATS AND SEATBASE INSULATION**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | 396951 | Insuln seatbase top LH | 1 | Upto VIN 347052 |
| 5 | MTC8294 | Cover floor rear | 1 | |

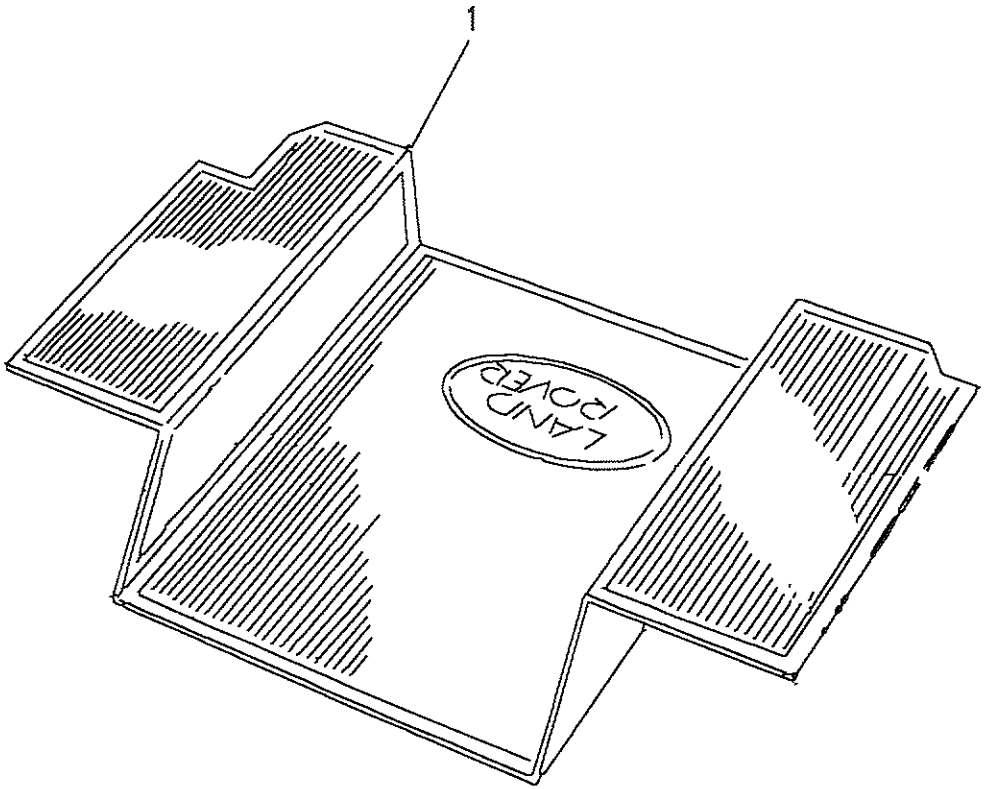
Note(1) PMA = Black




**Model** DEFENDER 90
**Page** ADPXTA2A

## TRIM -ADDITIONAL FLOOR COVERS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto VIN HA467836** | | | | |
| **Additional floor mats - 4 Cylinder** | | | | |
| 1 | MUC2380 | Mat front RH | 1 | RHD |
| | MUC2379 | Mat front LH | 1 | RHD |
| | MUC2382 | Mat front RH | 1 | LHD |
| | MUC2381 | Mat front LH | 1 | LHD |
| **Additional floor mats - V8** | | | | |
| 1 | MUC4150 | Mat front RH | 1 | RHD |
| | MUC4149 | Mat front LH | 1 | RHD |
| | MUC4152 | Mat front RH | 1 | LHD |
| | MUC4153 | Mat front LH | 1 | LHD |




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**Page** ADPXTA2B

**TRIM -ADDITIONAL FLOOR COVERS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | BTR8309 | Cover floor rear | 1 | Note(1) |

Note(1) With Land Rover Logo

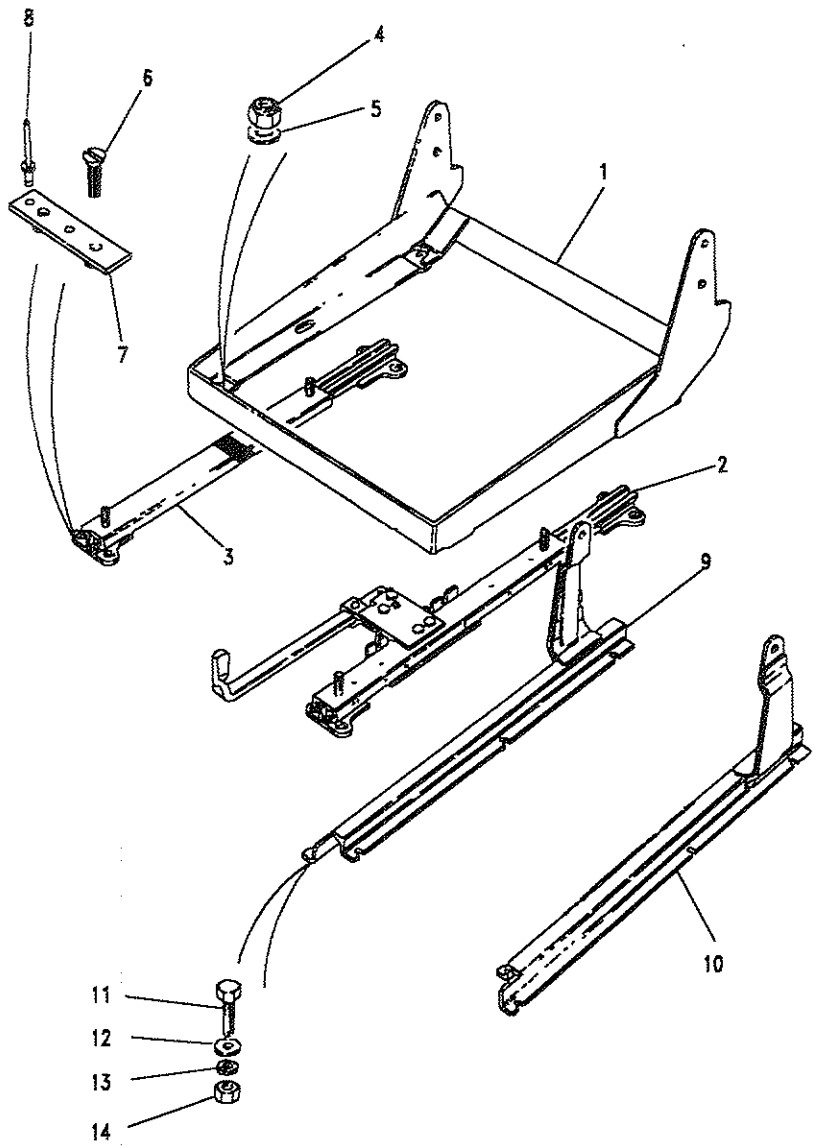
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GROUP R

SEATS

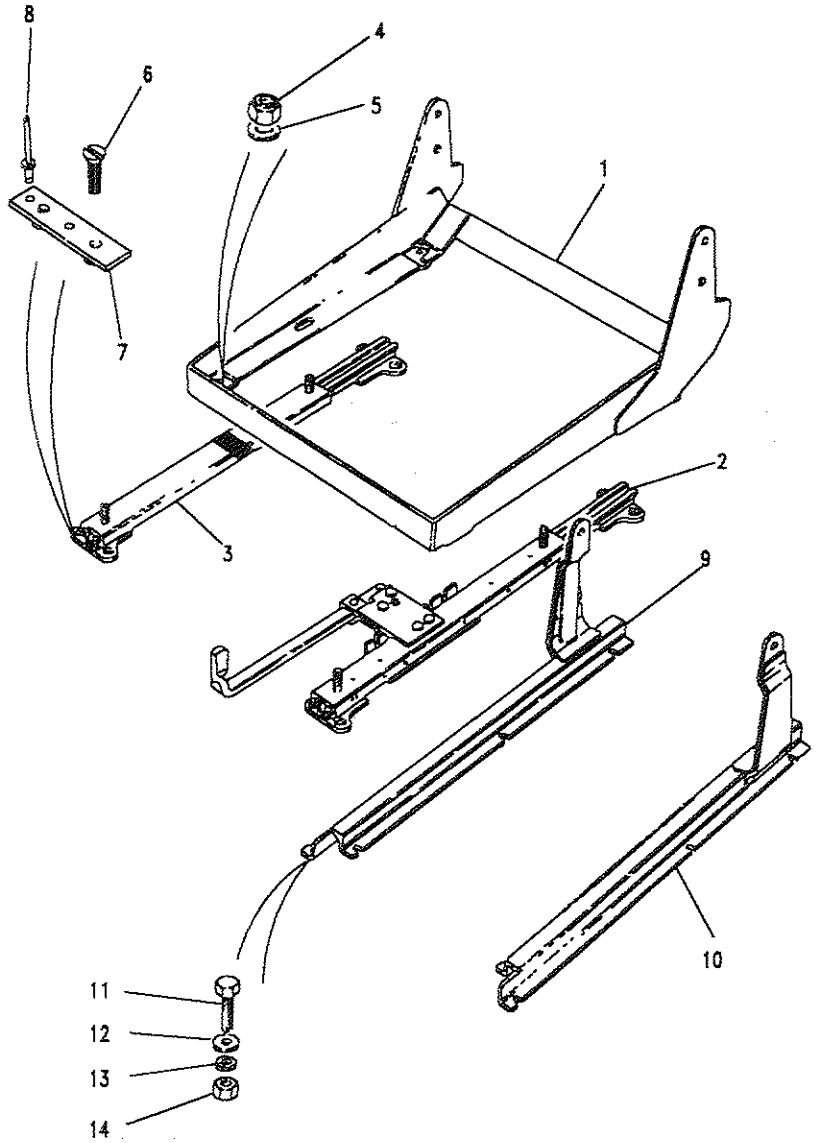

| | |
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| REAR SEATS | 1009 |




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## FRONT SEATS - SUPPORTS AND SLIDES - BASIC SEATS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 349996 | Seat frame | 2 | |
| 2 | MRC9492 | Seat slide RH-control | 1 | Upto VIN 410573 |
| | MRC9493 | Seat slide LH-control | 1 | Upto VIN 410573 |
| 3 | MRC9481 | Seat Slide-plain | 2 | Upto VIN 410573 |
| | MXC3258 | Seat slide RH-control | 2 | From VIN 410574 |
| | MXC3259 | Seat Slide LH-plain | 2 | From VIN 410574 |
| 4 | NT108041L | Lock nut | 8 | |
| 5 | WF108001L | Washer shakeproof | 8 | |
| | 4075L | Washer plain | 8 | |
| **Upto VIN 410573** | | | | |
| 6 | SF106201L | Screw | 16 | |
| 7 | MTC7631 | Nut plate | 8 | |
| 8 | RU608253L | Rivet | 16 | |
| **From VIN 410574** | | | | |
| | SA106201 | Screw | 8 | |
| | MRC5525 | Washer plain | 8 | |
| | WL106001L | Washer spring | 8 | |
| | NH106041L | Nut | 8 | |
| **Upto Note(1)** | | | | |
| 9 | MTC1714 | Support RH centre | 1 | |
| 10 | MTC1715 | Support LH centre | 1 | |

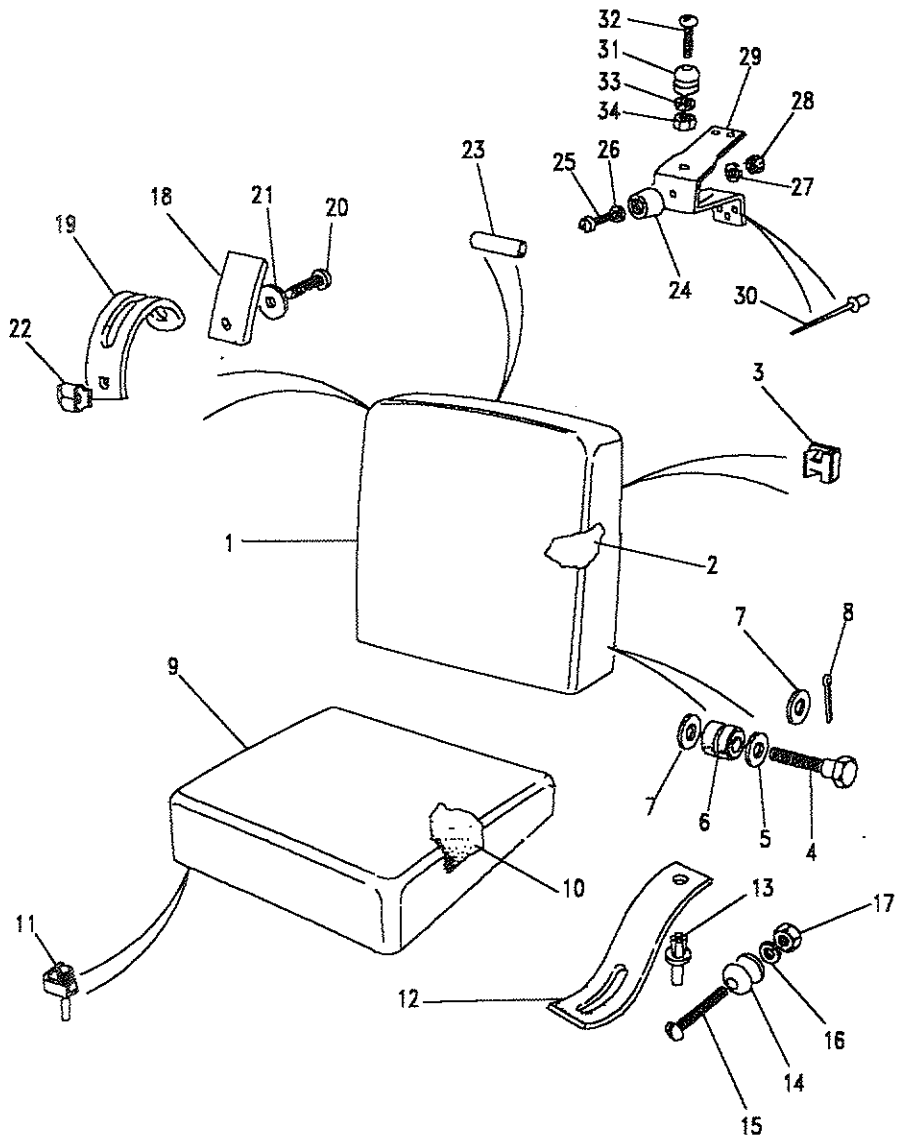



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## FRONT SEATS - SUPPORTS AND SLIDES - BASIC SEATS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 11 | FS106201L | Flange screw | 4 | |
| 12 | MRC5525 | Washer plain | 12 | |
| | RTC615 | Washer plain | 2 | |
| 13 | WL106001L | Washer spring | 4 | |
| 14 | NH106041L | Nut | 4 | |

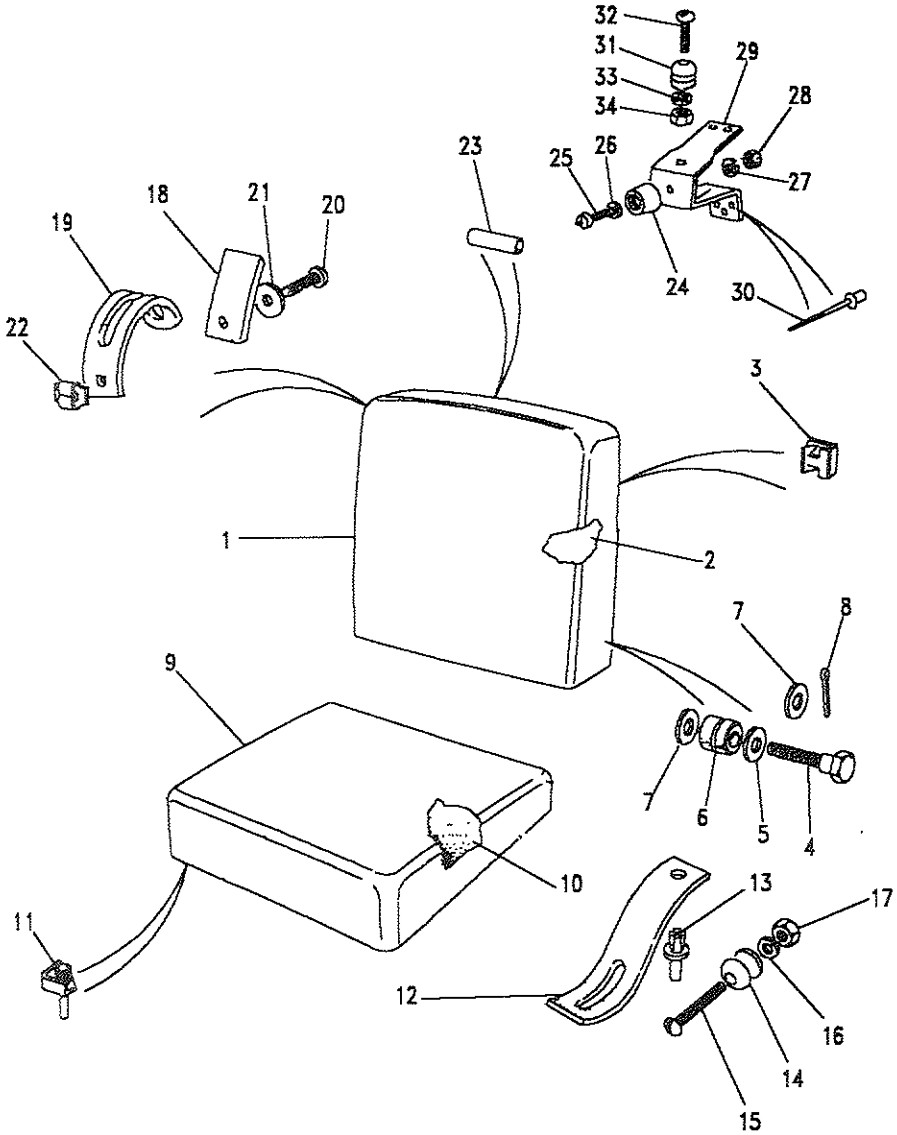
Note(1) Introduction of 1991 Model Year - Deletion of centre seat




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**Page** ADRXEA1A

**FRONT SEATS - BASIC - VINYL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Black - Upto Note(1)** | | | | |
| 1 | MUC1520 | Squab driver seat | 1 | |
| | MUC1520 | Squab passenger seat | 1 | |
| | MUC1488 | Squab centre seat | 1 | |
| **Grey - From Note(1)** | | | | |
| 1 | MWC5599LCS | Squab driver seat | 1 | |
| | MWC5599LCS | Squab passenger seat | 1 | |
| | MWC5607LCS | Squab centre seat | 1 | Upto Note(2) |
| 2 | 337873 | Interior driver squab | 1 | |
| | 337873 | Interior passenger squab | 1 | |
| | 337880 | Interior centre squab | 1 | Upto Note(2) |
| 3 | RTC3764 | Clip trim | 24 | Upto Note(2) |
| | RTC3764 | Clip trim | 16 | From Note(2) |
| **Fixings - Driver and passenger squab** | | | | |
| 4 | 331709 | Bolt | 8 | |
| 5 | WC108051L | Washer plain | 8 | |
| 6 | 345213 | Washer rubber | 4 | |
| 7 | 349931 | Washer plastic | 4 | |
| **Fixings - Centre squab** | | | | |
| 7 | 349931 | Washer plastic | 2 | Upto Note(2) |
| 8 | RTC614 | Pin split | 2 | Upto Note(2) |
| | 349997 | Stop-Seat Squab | 4 | |
| | SP604061 | Screw | 4 | |
| | WE600041L | Washer shakeproof | 4 | |
| | 349998 | Strip edging | 4 | Seat frame |
| **Black - Upto Note(1)** | | | | |
| 9 | 320699 | Cushion driver seat | 1 | |
| | 320699 | Cushion passenger seat | 1 | |
| | 320726 | Cushion centre seat | 1 | |

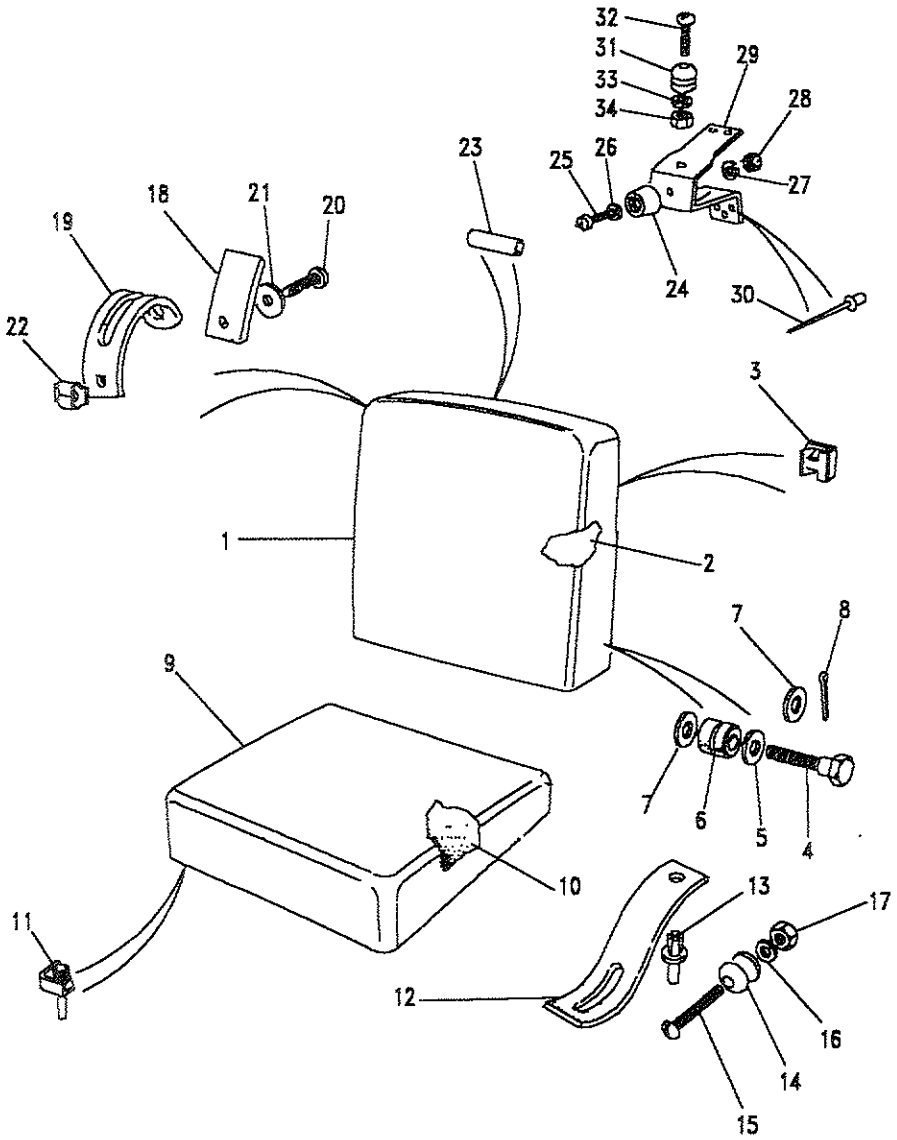



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**FRONT SEATS - BASIC - VINYL**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Grey - From Note(1)** | | | | |
| 9 | MWC5573LCS | Cushion driver seat | 1 | |
| | MWC5573LCS | Cushion passenger seat | 1 | |
| | MWC5613LCS | Cushion centre seat | 1 | From Note(1) Upto Note(2) |
| 10 | 337899 | Interior driver cushion | 1 | |
| | 337899 | Interior passgr cushion | 1 | |
| | 337859 | Interior centre cushion | 1 | Upto Note(2) |
| 11 | 349943 | Capping corner | 12 | Upto Note(2) |
| | 349943 | Capping corner | 8 | From Note(2) |
| 12 | 331974 | Strap centre cushion | 1 | Upto Note(2) |
| 13 | RTC3755 | Rivet plastic | 1 | |
| 14 | 348430 | Stud | 1 | |
| 15 | SE105251L | Screw | 1 | |
| 16 | WL105001L | Washer spring | 1 | |
| 17 | NH105041L | Nut | 1 | |

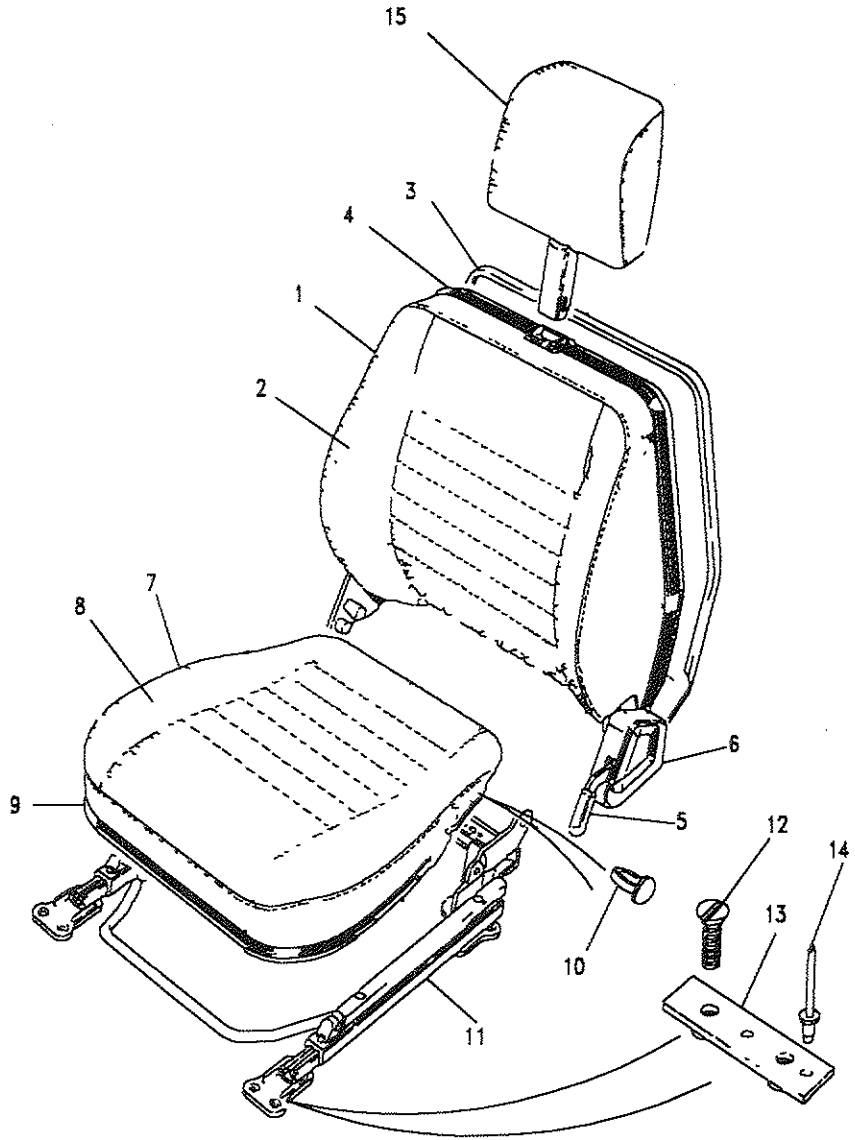
Note(1) Introduction of 1988 Model Year - Regular VIN EA314059,
Note(2) Introduction of 1991 Model Year - Deletion of centre seat
Note(3) LCS = Grey




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**Page** ADRXEA1A

**FRONT SEATS - BASIC - VINYL**

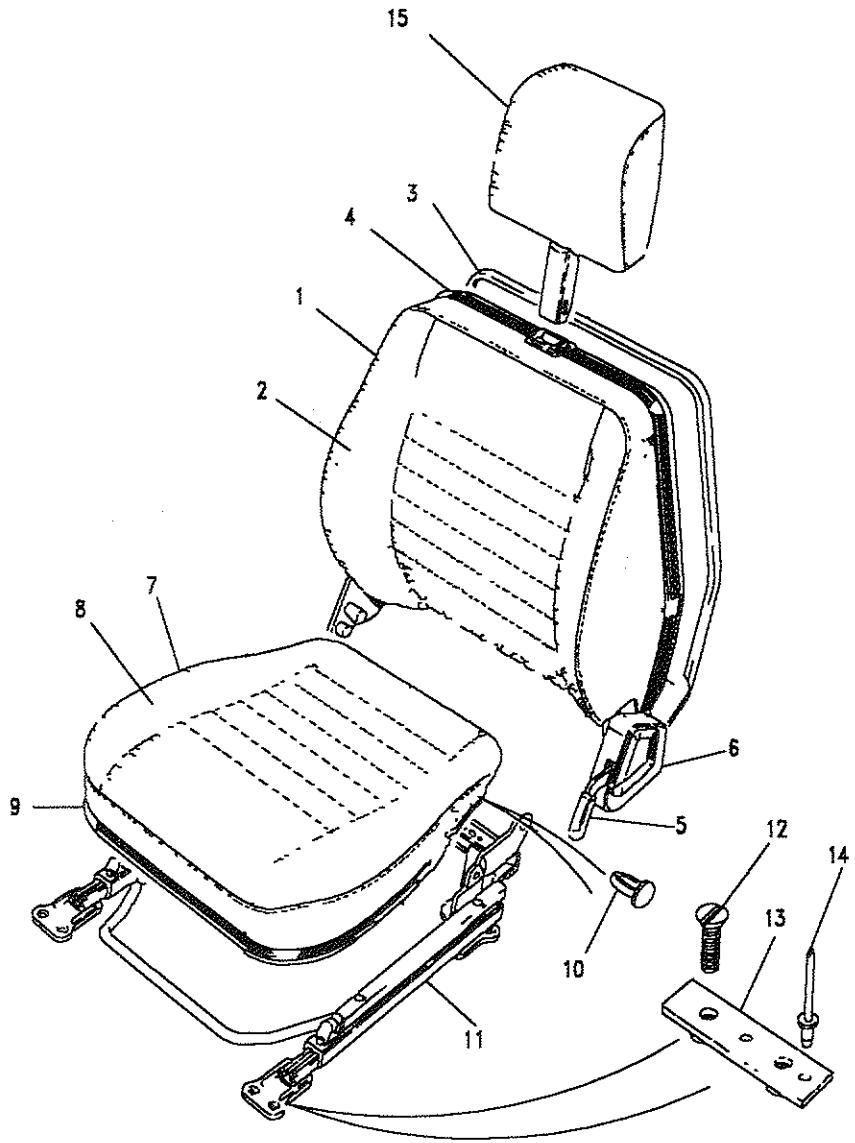
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Driver/passenger squab - Station Wagon - Upto Note(1)** | | | | |
| 18 | 339986 | Packing rubber | 4 | |
| 20 | AB610081 | Screw | 4 | |
| 21 | WJ105001 | Washer plain | 4 | |
| 22 | 78237 | Nut spire | 4 | |
| **Centre squab - Non Station Wagon - Upto Note(1)** | | | | |
| 19 | 331273 | Strap | 2 | |
| 20 | AB610061L | Screw | 2 | |
| 21 | WJ105001L | Washer plain | 2 | |
| 22 | 78237 | Nut spire | 2 | |
| 23 | 346410 | Tube | 3 | |
| 24 | 304125 | Buffer rubber | 2 | |
| 25 | SE105251L | Screw | 2 | |
| 26 | WC702101L | Washer plain | 2 | |
| 27 | WE702101L | Washer shakeproof | 2 | |
| 28 | NH105041L | Nut | 2 | |
| 29 | 347553 | Bracket support | 6 | Upto Note(1) |
| 30 | RU612373L | Rivet | 24 | Upto Note(1) |
| Note(1) | Non Station Wagon | | | |
| 31 | 348430 | Stud | 2 | |
| 32 | SE105251L | Screw | 2 | |
| 33 | WL105001L | Washer spring | 2 | |
| 34 | NH105041L | Nut | 2 | |
| Note(2) | Introduction of 1991 Model Year - Deletion of centre seat | | | |




**Model** DEFENDER 90
**Page** ADRXEA2A

## FRONT SEATS - RH/LH - COUNTY - TYPE A

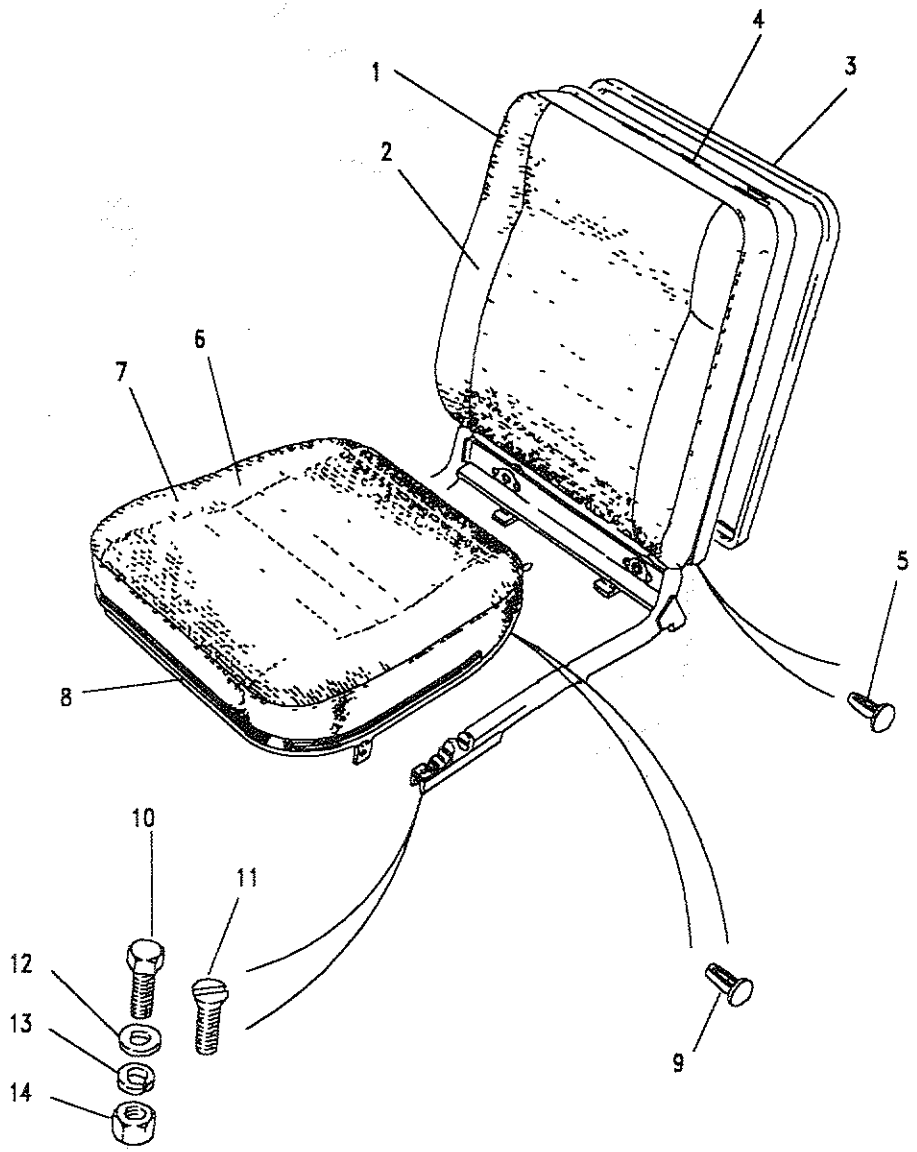
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Brushwood/Berber cloth** | | | | |
| | MTC1674RD | Seat assembly RH | 1 | Upto VIN 277964<br>NLA-Use MUC8428RD |
| | MTC1675RD | Seat assembly LH | 1 | Upto VIN 277964<br>NLA-Use MUC8429RD |
| **Black vinyl** | | | | |
| | MTC1670 | Seat assembly RH | 1 | Upto VIN 276737<br>NLA-Use MWC3306 |
| | MTC1671 | Seat assembly LH | 1 | Upto VIN 276737<br>NLA-Use MWC3307 |
| 1 | MUC8448RD | Squab RH cloth | 1 | |
| | MUC8449RD | Squab LH cloth | 1 | |
| | MWC3302 | Squab RH vinyl | 1 | |
| | MWC3303 | Squab LH vinyl | 1 | |
| 2 | MTC1933RD | Cover squab cloth | 2 | |
| | MWC4535 | Cover squab vinyl | 2 | |
| 3 | STC354AV | Panel back-Brushwood | 2 | |
| | STC354PB | Panel back-Black | 2 | |
| 4 | MTC9956 | Trim locking | 2 | |
| 5 | MUC8754 | Knob-Black | 2 | |
| 6 | RTC3107 | Cover mechanism RH | 1 | |
| | RTC3108 | Cover mechanism LH | 1 | |
| 7 | MUC8780RD | Cushion cloth | 2 | |
| | MWC4535 | Cushion vinyl | 2 | |
| 8 | MTC1932RD | Cover cushion cloth | 2 | |
| | MWC4534 | Cover cushion vinyl | 2 | |
| 9 | MTC9967 | Trim locking | 2 | |
| 10 | MTC9962 | Trim nail | 12 | |
| | RTC4102 | Retaining rod assy | 2 | |
| 11 | MXC5778 | Subframe and slide RH | 1 | |
| | MXC5779 | Subframe and slide LH | 1 | |
| | MWC4537 | Bracket stop | 2 | Seat slide RH seat |
| 12 | SF106201L | Screw | 16 | |
| 13 | MTC7631 | Nut plate | 8 | |
| 14 | RU608253L | Rivet | 16 | |




**Model** DEFENDER 90
**Page** ADRXEA2A

**FRONT SEATS - RH/LH - COUNTY - TYPE A**

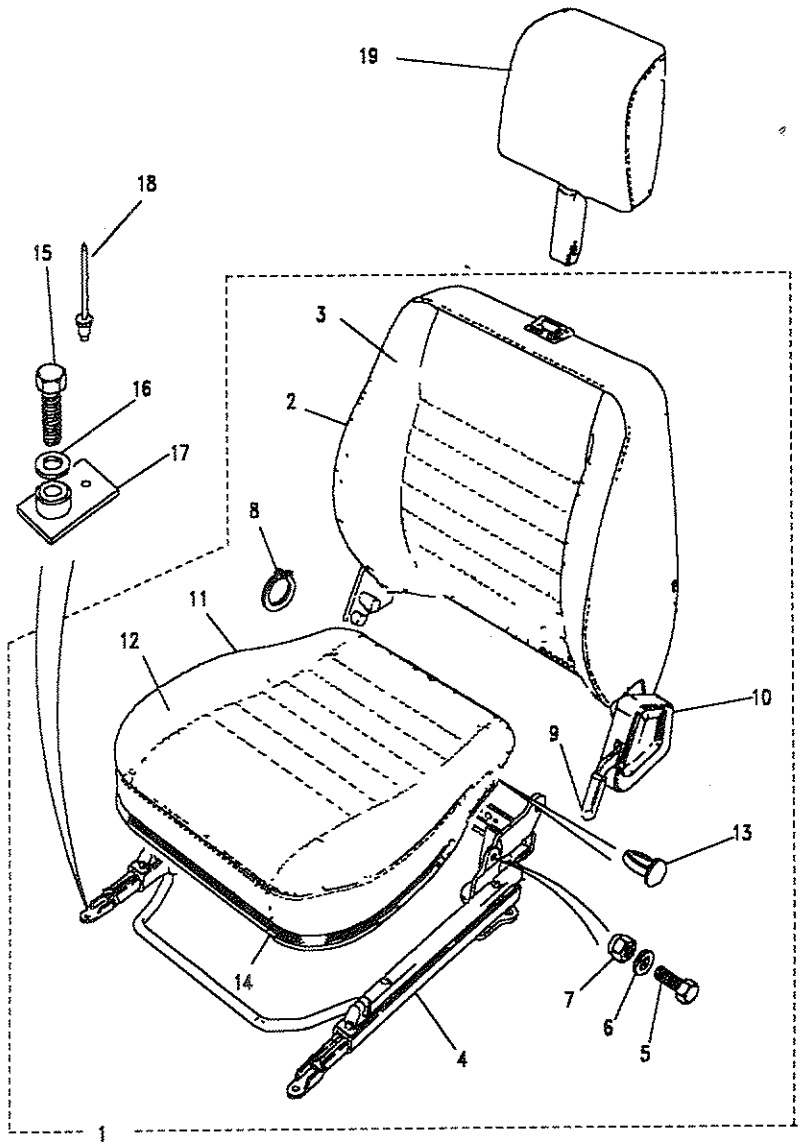
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 15 | MWC1018RD | Head restraint cloth | 2 | |
| | MWC1010 | Head restraint vinyl | 2 | |




**Model** DEFENDER 90
**Page** ADRXEA3A

## FRONT SEATS - CENTRE - COUNTY - TYPE A

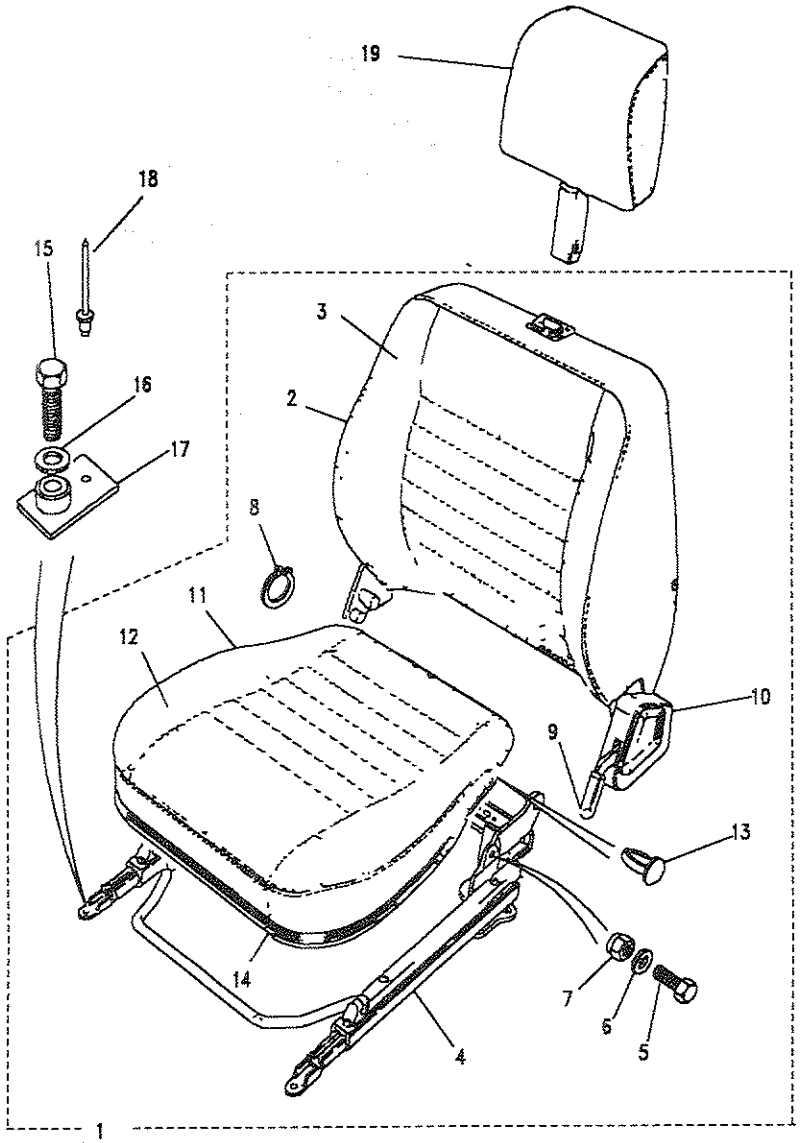
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Brushwood/Berber cloth** | | | | |
| | MTC1673RD | Seat assembly centre | 1 | Upto VIN 277964<br>NLA-Use MUC8432RD |
| **Black vinyl** | | | | |
| | MTC1672 | Seat assembly centre | 1 | Upto VIN 277964<br>NLA-Use MWC4548 |
| 1 | MUC8450RD | Squab cloth | 1 | |
| | MUC8447 | Squab vinyl | 1 | |
| 2 | MTC1950RD | Cover squab cloth | 1 | |
| | MTC1944 | Cover squab vinyl | 1 | |
| 3 | STC355AV | Panel back-Brushwood | 1 | |
| | STC355PB | Panel back-Black | 1 | |
| 4 | MTC9958 | Trim locking | 1 | |
| 5 | MTC9962 | Trim nail | 2 | |
| 6 | MUC8779RD | Cushion cloth | 1 | |
| | MWC4549 | Cushion vinyl | 1 | |
| 7 | MTC1949RD | Cover cushion cloth | 1 | |
| | MTC1943 | Cover cushion vinyl | 1 | |
| 8 | MTC9959 | Trim locking | 1 | |
| 9 | MTC9962 | Trim nail | 4 | |
| 10 | BH106071 | Bolt | 2 | Front |
| 11 | SF106201L | Screw | 2 | Rear |
| 12 | MRC5525 | Washer plain | 4 | |
| 13 | WL106001L | Washer spring | 4 | |
| 14 | NH106041L | Nut | 4 | |




**Model** DEFENDER 90
**Page** ADRXEA4A

## FRONT SEATS - DRIVER - COUNTY - TYPE B

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | **Upto introduction of 1988 Model Year** | | | |
| | **Brushwood/Berber cloth** | | | |
| 1 | MUC8428RD | Seat assembly RHD-driver | 1 | From VIN 277964 |
| | MUC8429RD | Seat assembly LHD-driver | 1 | From VIN 277964 |
| | **Black vinyl** | | | |
| 1 | MWC3306 | Seat assembly RHD-driver | 1 | From VIN 276737 |
| | MWC3307 | Seat assembly LHD-driver | 1 | From VIN 276737 |
| 2 | MUC8448RD | Squab RHD cloth | 1 | |
| | MUC8449RD | Squab LHD cloth | 1 | |
| | MWC3302 | Squab RHD vinyl | 1 | |
| | MWC3303 | Squab LHD vinyl | 1 | |
| 3 | MUC8409RD | Cover squab cloth | 1 | |
| | MUC8414 | Cover squab vinyl | 1 | |
| 4 | MXC5778 | Subframe and slide RHD | 1 | |
| | MXC5779 | Subframe and slide LHD | 1 | |
| 5 | SH108151 | Screw | 2 | |
| 6 | WA108041 | Washer plain | 2 | |
| 7 | NY108041L | Nut | 2 | |
| 8 | CR120205 | Circlip | 1 | |
| 9 | MUC8754 | Knob | 1 | |
| 10 | MWC7636 | Cover mechanism RH | 1 | |
| | MWC7635 | Cover mechanism LH | 1 | |
| 11 | MUC8780RD | Cushion cloth | 1 | |
| | MWC4535 | Cushion vinyl | 1 | |
| 12 | MTC1932RD | Cover cushion cloth | 1 | |
| | MWC4534 | Cover cushion cloth | 1 | |
| 13 | MTC9962 | Trim nail | 4 | |
| 14 | MTC9967 | Trim locking | 1 | |
| | MWC4536 | Bracket stop | 2 | Seat slide RHD |
| | **Fixings - When centre seat not fitted** | | | |
| 15 | FS108251L | Screw | 4 | |
| 16 | WA108051L | Washer plain | 4 | |
| | 4075L | Spacer | 4 | |

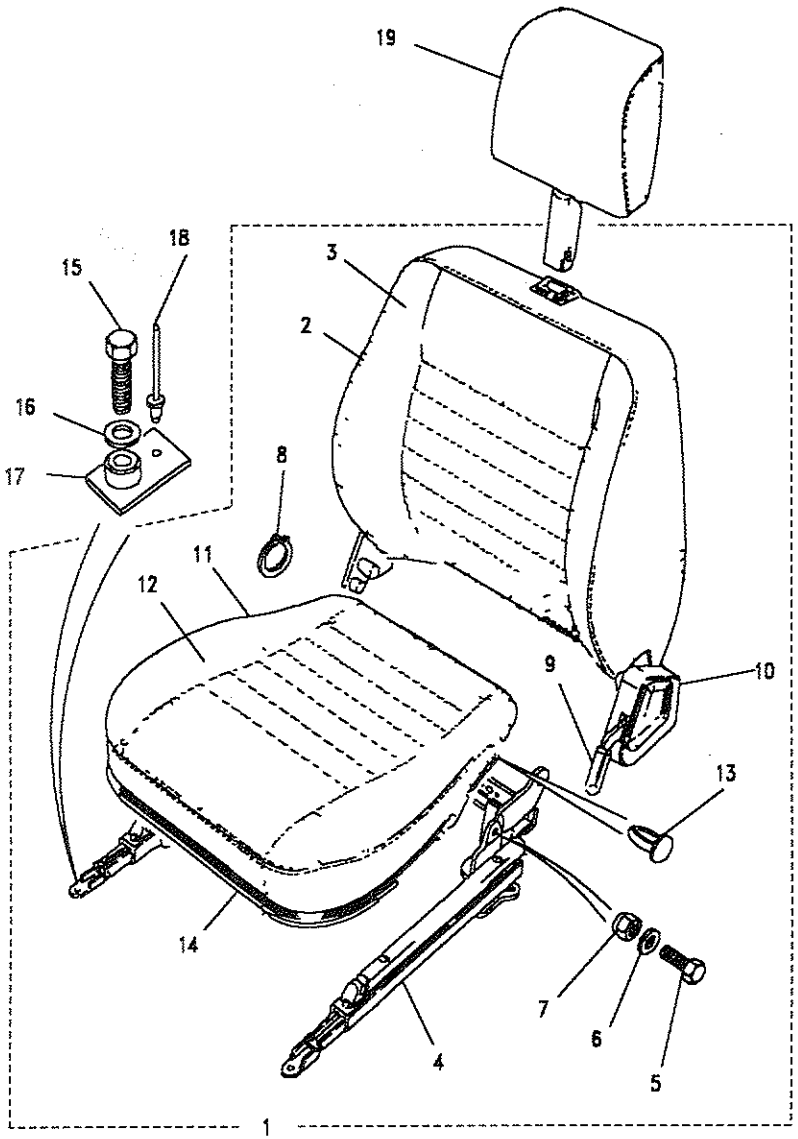



**Model** DEFENDER 90
**Page** ADRXEA4A

**FRONT SEATS - DRIVER - COUNTY - TYPE B**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 17 | MUC7947 | Bush and plate | 4 | |
| 18 | RU608313L | Rivet | 4 | |
| | **Fixings - When centre seat is fitted** | | | |
| | FS108251L | Screw | 4 | |
| | WA108051L | Washer plain | 5 | |
| | 4075L | Spacer | 4 | |
| | MUC7947 | Bush and plate | 3 | |
| | RU608313L | Rivet | 3 | |
| | FN108041L | Nut | 1 | |
| 19 | MWC1018RD | Head restraint cloth | 1 | |
| | MWC1010 | Head restraint vinyl | 1 | |

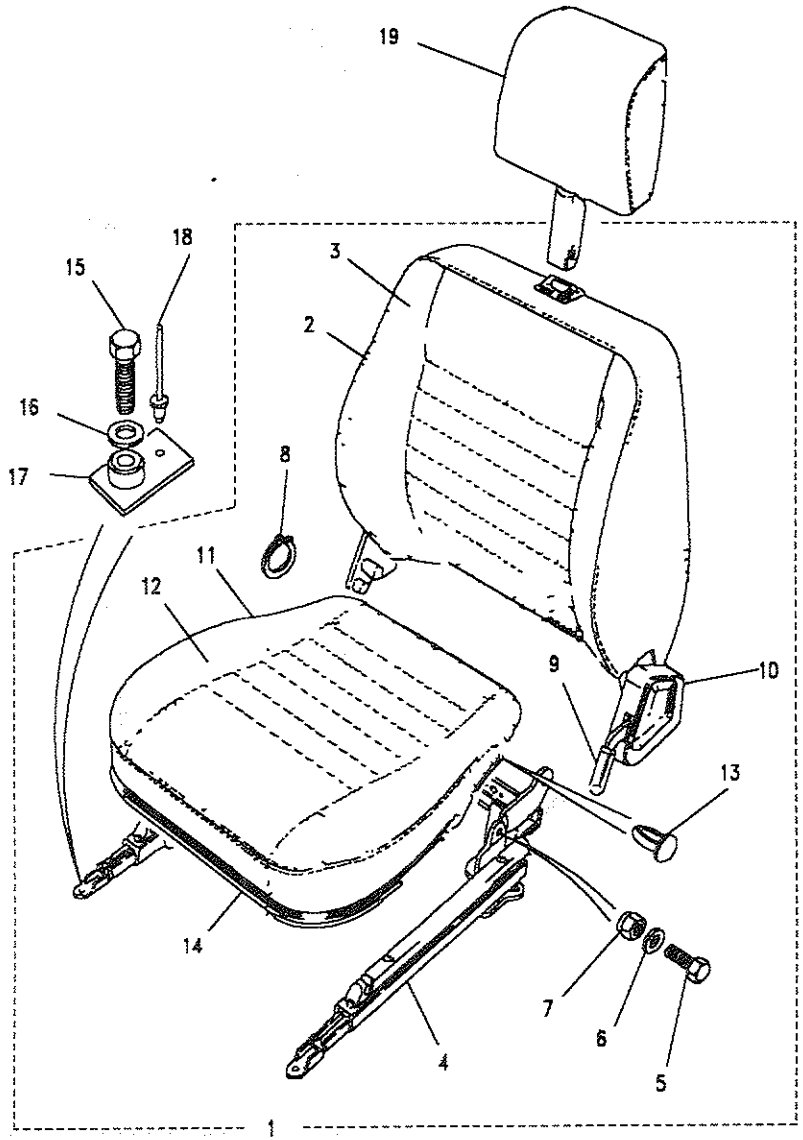
Note(1) Drivers seats are adjustable and have recline mechanism




**Model** DEFENDER 90
**Page** ADRXEA5A

**FRONT SEATS - PASSENGER - COUNTY - TYPE B**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto introduction of 1988 Model Year** | | | | |
| **Brushwood/Berber cloth** | | | | |
| 1 | MUC8430RD | Seat assy RHD-passenger | 1 | From VIN 277964 |
| | MUC8431RD | Seat assy LHD-passenger | 1 | From VIN 277964 |
| **Black vinyl** | | | | |
| 1 | MWC3301 | Seat assembly-passenger | 1 | From VIN 276737 NLA-Use MWC3307 |
| 2 | MUC8449RD | Squab RHD cloth | 1 | |
| | MUC8448RD | Squab LHD cloth | 1 | |
| 2 | MWC3305 | Squab and frame vinyl | 1 | |
| 3 | MUC8409RD | Cover squab cloth | 1 | |
| | MUC8414 | Cover squab cloth | 1 | |
| **Applicable to cloth seat only** | | | | |
| 4 | MUC8439 | Subframe RHD | 1 | |
| | MUC8438 | Subframe LHD | 1 | |
| 5 | SH108151 | Screw | 2 | |
| 6 | WA108041 | Washer plain | 2 | |
| 7 | NY108041L | Nut | 2 | |
| 8 | CR120205 | Circlip | 1 | |
| 9 | MUC8754 | Knob | 1 | |
| 10 | MWC7636 | Cover mechanism RH | 1 | |
| | MWC7635 | Cover mechanism LH | 1 | |
| 11 | MUC8780RD | Cushion cloth | 1 | |
| | MWC4535 | Cushion vinyl | 1 | |
| 12 | MTC1932RD | Cover cushion cloth | 1 | |
| | MWC4534 | Cover cushion vinyl | 1 | |
| 13 | MTC9962 | Trim nail | 4 | |
| 14 | MTC9967 | Trim locking | 1 | |
| **Fixings - When centre seat not fitted** | | | | |
| 15 | FS108251L | Screw | 4 | |
| 16 | WA108051L | Washer plain | 4 | |

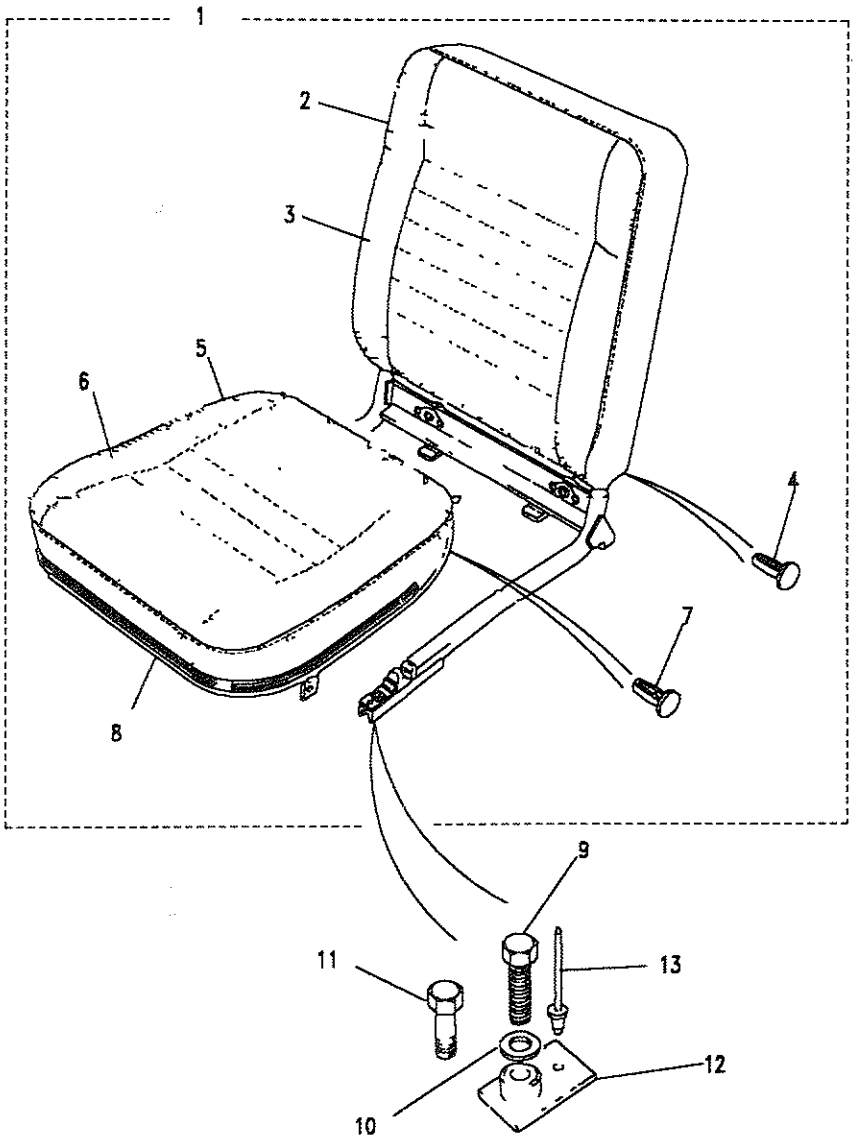



**Model** DEFENDER 90
**Page** ADRXEA5A

**FRONT SEATS - PASSENGER - COUNTY - TYPE B**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | 4075L | Spacer | 4 | |
| 17 | MUC7947 | Bush and plate | 4 | |
| 18 | RU608313L | Rivet | 4 | |
| | **Fixings - When centre seat is fitted** | | | |
| | FS108251L | Screw | 4 | |
| | WA108051L | Washer plain | 5 | |
| | 4075L | Spacer | 4 | |
| | MUC7947 | Bush and plate | 3 | |
| | RU608313L | Rivet | 3 | |
| | FN108041L | Nut | 1 | |
| 19 | MWC1018RD | Head restraint cloth | 1 | |
| | MWC1010 | Head restraint vinyl | 1 | |

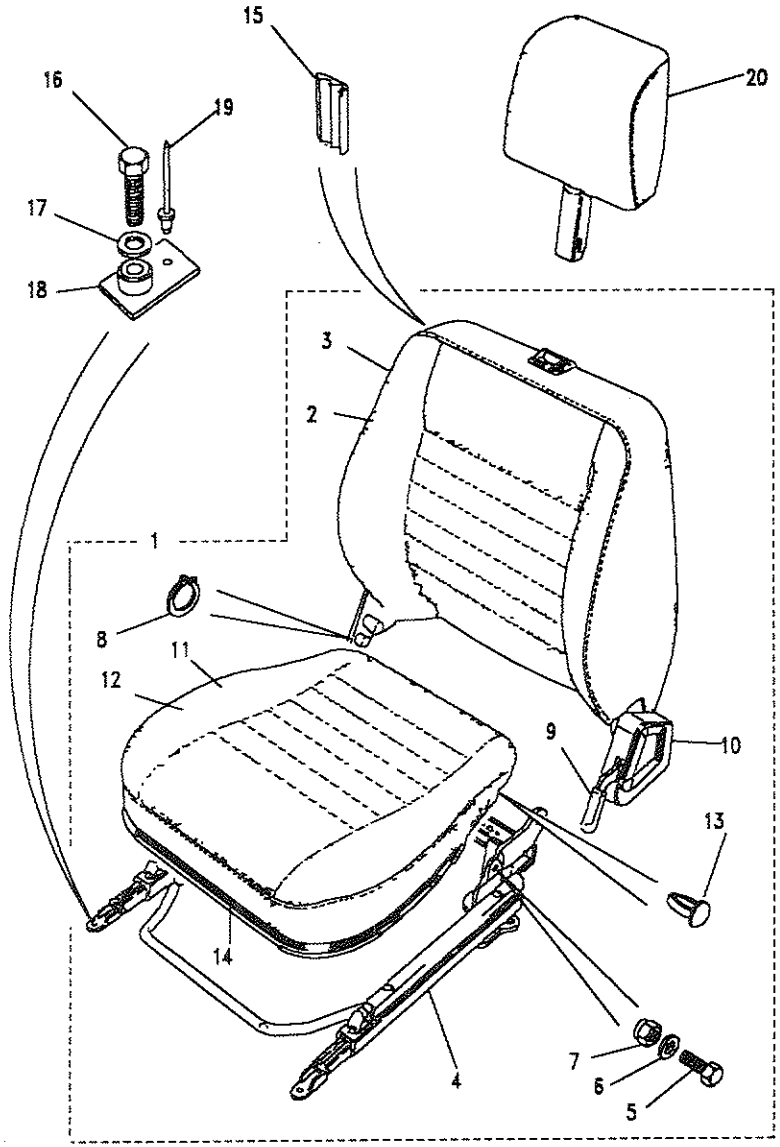
Note(1) MUC8430RD and MUC8431RD are not adjustable but have recline mechanism
Note(2) MWC3301 is not adjustable and has no recline mechanism
Note(3) MWC3307 is adjustable and has recline mechanism




**Model** DEFENDER 90
**Page** ADRXEA6A

**FRONT SEATS - CENTRE - COUNTY - TYPE B**

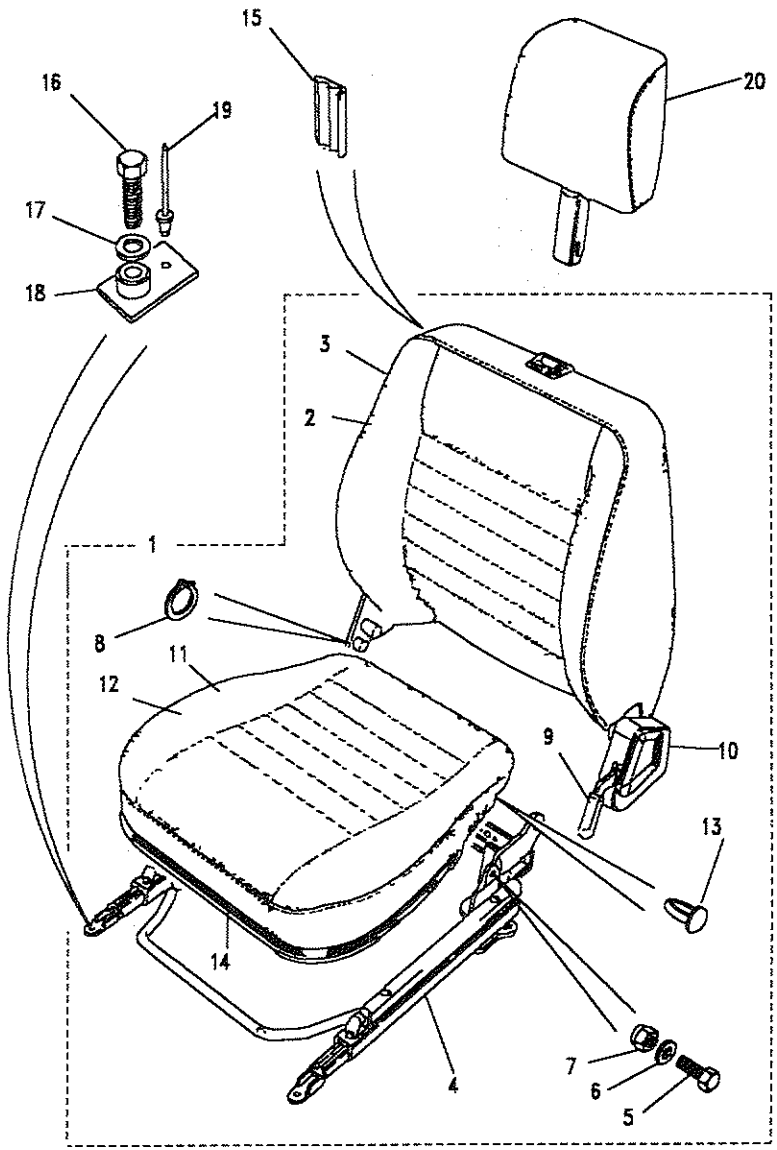
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto introduction of 1988 Model Year** | | | | |
| **Brushwood/Berber cloth** | | | | |
| 1 | MUC8432RD | Seat assembly centre | 1 | From VIN 277964 |
| **Black vinyl** | | | | |
| 1 | MWC4548 | Seat assembly centre | 1 | From VIN 277964 |
| 2 | MUC8450RD | Squab cloth | 1 | |
| | MUC8447 | Squab vinyl | 1 | |
| 3 | MUC8411RD | Cover squab cloth | 1 | |
| | MUC8412 | Cover squab vinyl | 1 | |
| 4 | MTC9962 | Trim nail | 4 | |
| 5 | MUC8779RD | Cushion cloth | 1 | |
| | MWC4549 | Cushion vinyl | 1 | |
| 6 | MTC1949RD | Cover cushion cloth | 1 | |
| | MWC4950 | Cover cushion vinyl | 1 | |
| 7 | MTC9962 | Trim nail | 4 | |
| 8 | MTC9959 | Trim locking | 1 | |
| 9 | FS108251L | Screw | 2 | Rear |
| 10 | WC108051L | Washer plain | 4 | |
| 11 | FS108301L | Bolt | 2 | Front |
| 12 | MUC7947 | Bush and plate | 2 | Front |
| 13 | RU608313L | Rivet | 2 | |
| | FN108041L | Nut | 2 | Rear |




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**Page** ADRXEA7A

**FRONT SEATS - RH/LH - COUNTY**

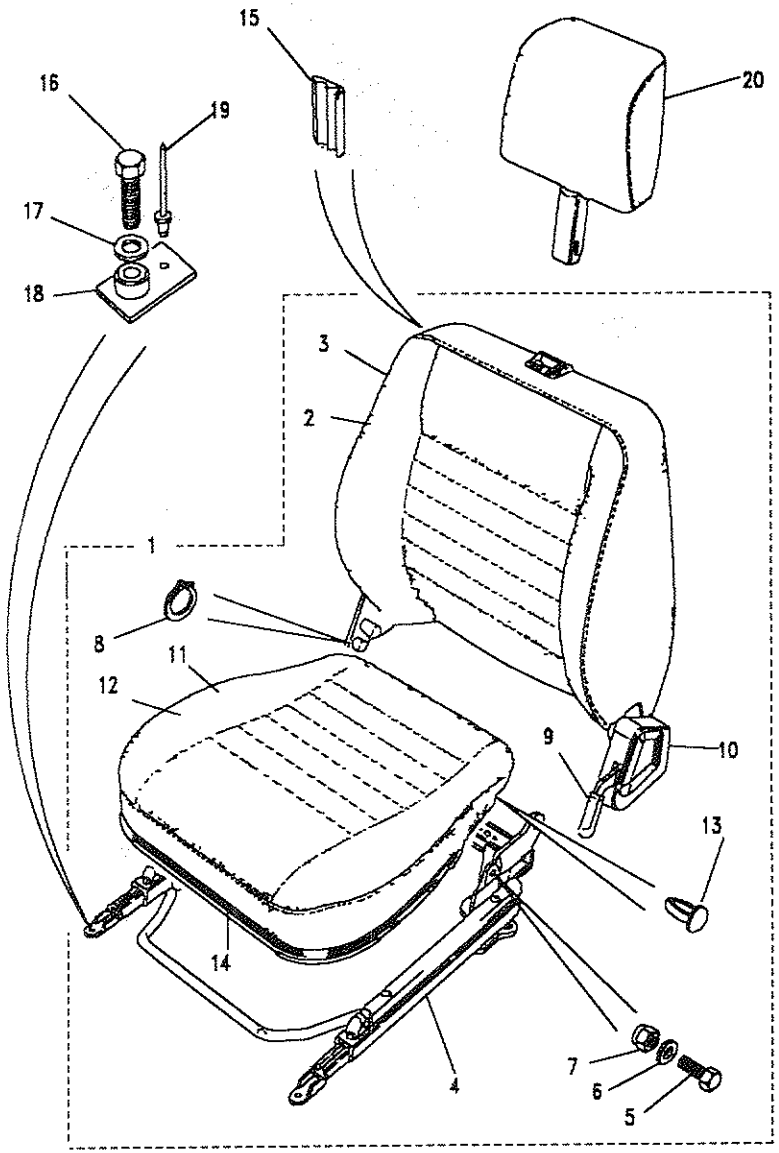
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From 1988 Model Year - Note(1)** | | | | |
| **Blue Grey/Grey Cloth** | | | | |
| 1 | MWC5630RCF | Seat assembly RH | 1 | Upto Note(2) |
| | MWC5676RCF | Seat assembly LH | 1 | Upto Note(2) |
| | MWC8944RCF | Seat assembly RH | 1 | From Note(2) Upto VIN 456060 |
| | MWC8945RCF | Seat assembly LH | 1 | From Note(2) Upto VIN 456060 |
| **Moorland/Grey cloth** | | | | |
| 1 | MXC3254RUY | Seat assembly RH | 1 | From VIN HA456061 |
| | MXC3255RUY | Seat assembly LH | 1 | From VIN HA456061 |
| **Grey Vinyl** | | | | |
| 1 | MWC5667LCS | Seat assembly RH | 1 | Upto Note(2) |
| | MWC5674LCS | Seat assembly LH | 1 | Upto Note(2) |
| | MWC8946LCS | Seat assembly RH | 1 | From Note (2) Upto VIN 455631 |
| | MWC8947LCS | Seat assembly LH | 1 | From Note(2) Upto VIN 455631 |
| | MXC3256LCS | Seat assembly RH | 1 | From VIN HA455632 |
| | MXC3257LCS | Seat assembly LH | 1 | From VIN HA455632 |
| 2 | MWC5677RCF | Squab RH cloth | 1 | Upto Note(2) |
| | MWC5679RCF | Squab LH cloth | 1 | Upto Note(2) |
| | MWC9842RCF | Squab RH cloth | 1 | From Note(2) Upto VIN456060 |
| | MWC9841RCF | Squab LH cloth | 1 | From Note(2) Upto VIN 456060 |
| | MWC9842RUY | Squab RH cloth | 1 | From VIN HA456061 |
| | MWC9841RUY | Squab LH cloth | 1 | From VIN HA456061 |
| | MWC5668LCS | Squab RH vinyl | 1 | Upto Note(2) |
| | MWC5675LCS | Squab LH vinyl | 1 | Upto Note(2) |
| | MWC9844LCS | Squab RH vinyl | 1 | From Note(2) |
| | MWC9843LCS | Squab LH vinyl | 1 | From Note(2) |




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**Page** ADRXEA7A

**FRONT SEATS - RH/LH - COUNTY**

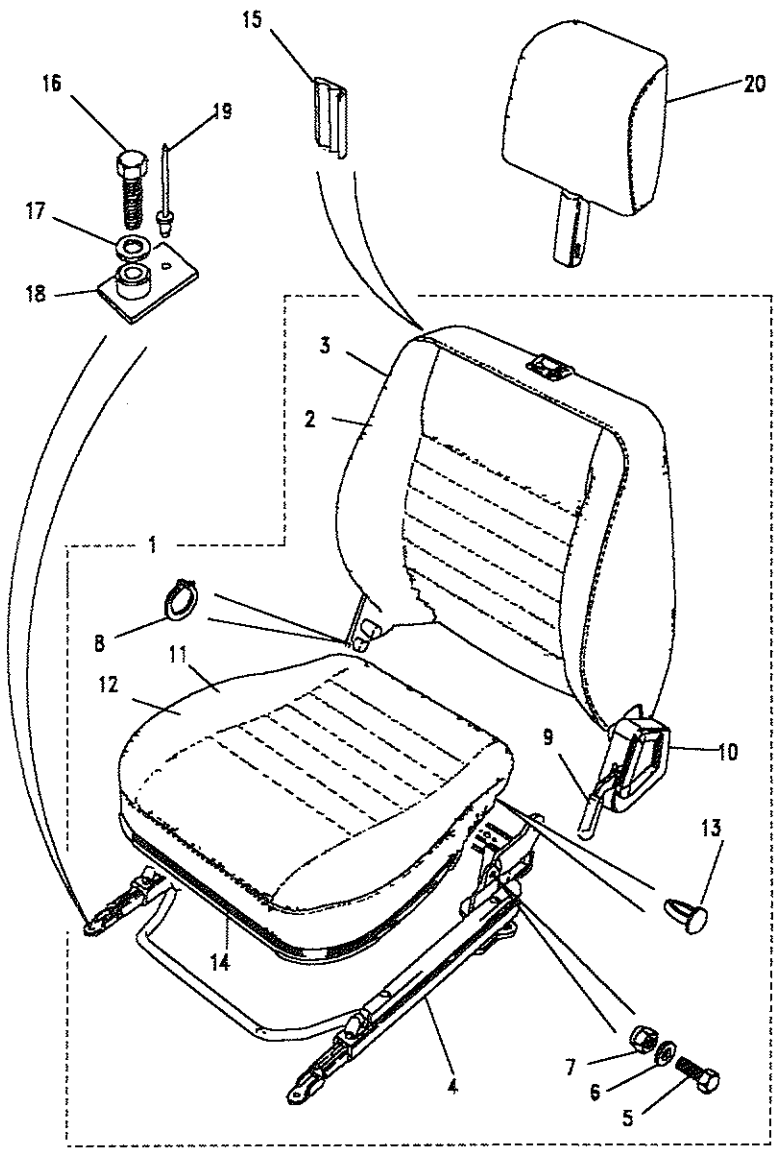
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 3 | MWC5632RCF | Cover squab cloth | 2 | Upto Note(2) |
| | MWC8942RCF | Cover squab cloth | 2 | From Note(2) Upto VIN 456060 |
| | MWC8942RUY | Cover squab cloth | 2 | From VIN HA456061 |
| | MWC5669LCS | Cover squab vinyl | 2 | Upto Note(2) |
| | MWC8943LCS | Cover squab vinyl | 2 | From Note(2) |
| 4 | MXC5778 | Subframe and slide RH | 1 | |
| | MXC5779 | Subframe and slide LH | 1 | |
| 5 | SH108151L | Screw | 4 | |
| 6 | WA108051L | Washer plain | 4 | |
| 7 | NY108041L | Nut | 4 | |
| 8 | CR120205 | Circlip | 2 | |
| 9 | MUC8754 | Knob | 2 | |
| 10 | MWC7636 | Cover mechanism RH | 1 | |
| | MWC7635 | Cover mechanism LH | 1 | |




**Model** DEFENDER 90
**Page** ADRXEA7A

**FRONT SEATS - RH/LH - COUNTY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 11 | MWC5648RCF | Cushion cloth | 2 | Upto VIN 456060 |
| | MWC5648RUY | Cushion cloth | 2 | From VIN HA456061 |
| | MWC5670LCS | Cushion vinyl | 2 | |
| 12 | MWC5649RCF | Cover cushion cloth | 2 | Upto VIN 456060 |
| | MWC5649RUY | Cover cushion cloth | 2 | From VIN HA456061 |
| | MWC5671LCS | Cover cushion vinyl | 2 | |
| 13 | MTC9962 | Trim nail | 8 | |
| 14 | MTC9967 | Trim locking | 2 | |
| 15 | MWC6106PCB | Rubbing strip | 4 | |
| **When centre seat not fitted** | | | | |
| 16 | SH108251L | Screw | 8 | |
| 17 | WA108051L | Washer plain | 8 | |
| | 4075L | Spacer | 8 | |
| 18 | MUC7947 | Bush and plate | 8 | |
| 19 | RU608313L | Rivet | 8 | |

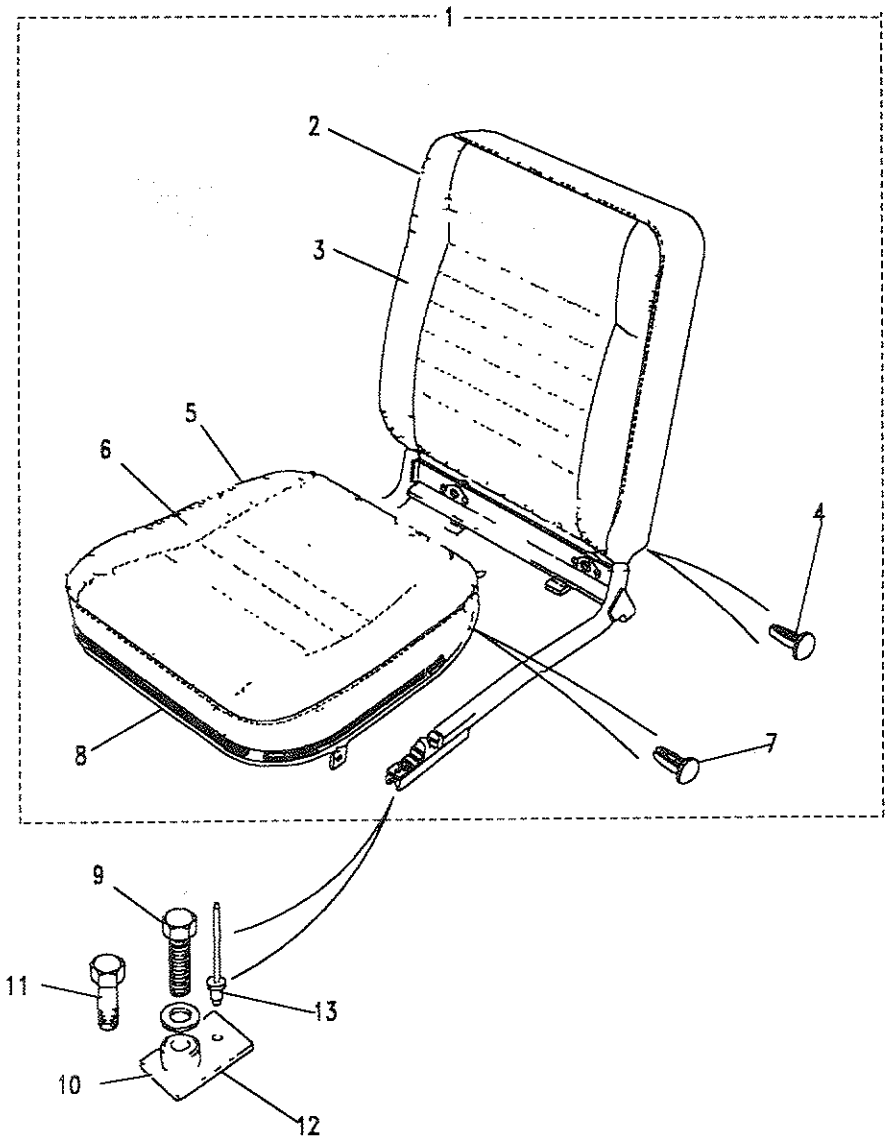



**Model** DEFENDER 90
**Page** ADRXEA7A

**FRONT SEATS - RH/LH - COUNTY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **When centre seat is fitted** | | | | |
| | FS108251L | Screw | 8 | |
| | WA108051L | Washer plain | 10 | |
| | 4075L | Spacer | 48 | |
| | MUC7947 | Bush and plate | 6 | |
| | RU608313L | Rivet | 6 | |
| | FN108041L | Nut | 2 | |
| | MWC4536 | Bracket stop | 2 | Driver seat RHD |
| 20 | MWC5626RCF | Head restraint cloth | 2 | Upto VIN 456060 |
| | MWC5626RUY | Head restraint cloth | 2 | From VIN HA456061 |
| | MWC5628LCS | Head restraint vinyl | 2 | |

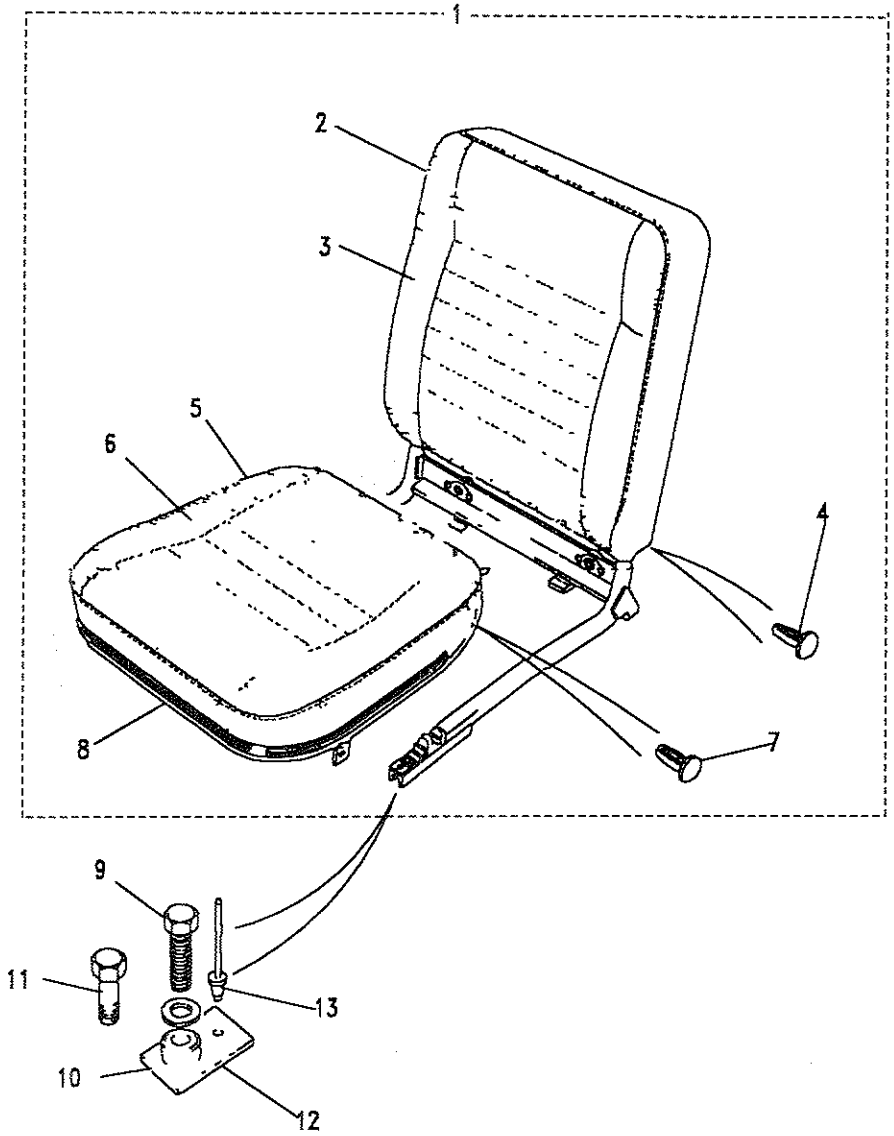
Note(1) Regular VIN EA314059, Station Wagon VIN EA314174
Note(2) Introduction of 1989 Model Year - VIN FA




**Model** DEFENDER 90
**Page** ADRXEA8A

## FRONT SEATS - CENTRE - COUNTY

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From introduction of 1988 Model Year - Note(1)** | | | | |
| **Blue Grey/Grey cloth** | | | | |
| 1 | MWC5680RCF | Seat assembly centre | 1 | Upto VIN 456060 |
| **Moorland/Grey cloth** | | | | |
| 1 | MXC2646RUY | Seat assembly centre | 1 | From VIN HA456061 |
| **Grey vinyl** | | | | |
| 1 | MWC5685LCS | Seat assembly centre | 1 | Upto VIN 455631 |
| | MXC2645LCS | Seat assembly centre | 1 | From VIN HA455632 |
| 2 | MWC5681RCF | Squab cloth | 1 | Upto VIN 456060 |
| | MXC2650RUY | Squab cloth | 1 | From VIN HA456061 |
| | MWC5686LCS | Squab vinyl | 1 | Upto VIN 455631 |
| | MXC2648LCS | Squab vinyl | 1 | From VIN HA455632 |
| 3 | MWC5682RCF | Cover squab cloth | 1 | Upto VIN 456060 |
| | MXC2641RUY | Cover squab cloth | 1 | From VIN HA456061 |
| | MWC5687LCS | Cover squab vinyl | 1 | Upto VIN 455631 |
| | MXC2652LCS | Cover squab vinyl | 1 | From VIN HA455632 |
| 4 | MTC9962 | Trim nail | 4 | |
| 5 | MWC5683RCF | Cushion cloth | 1 | Upto VIN 456060 |
| | MXC2649RUY | Cushion cloth | 1 | From VIN HA456061 |
| | MWC5688LCS | Cushion vinyl | 1 | Upto VIN 455631 |
| | MXC2647LCS | Cushion vinyl | 1 | From VIN HA455632 |
| 6 | MWC5684RCF | Cover cushion cloth | 1 | Upto VIN 456060 |
| | MXC2640RUY | Cover cushion cloth | 1 | From VIN HA456061 |
| | MWC5689LCS | Cover cushion vinyl | 1 | Upto VIN 455631 |
| | MXC2651LCS | Cover cushion vinyl | 1 | From VIN HA455632 |
| 7 | MTC9962 | Trim nail | 4 | |
| 8 | MTC9959 | Trim locking | 1 | |
| 9 | FS108251L | Screw | 2 | Rear |
| 10 | WC108051L | Washer plain | 4 | |
| 11 | FS108301L | Bolt | 2 | Front |
| 12 | MUC7947 | Bush and plate | 2 | Front |
| 13 | RU608313L | Rivet | 2 | |

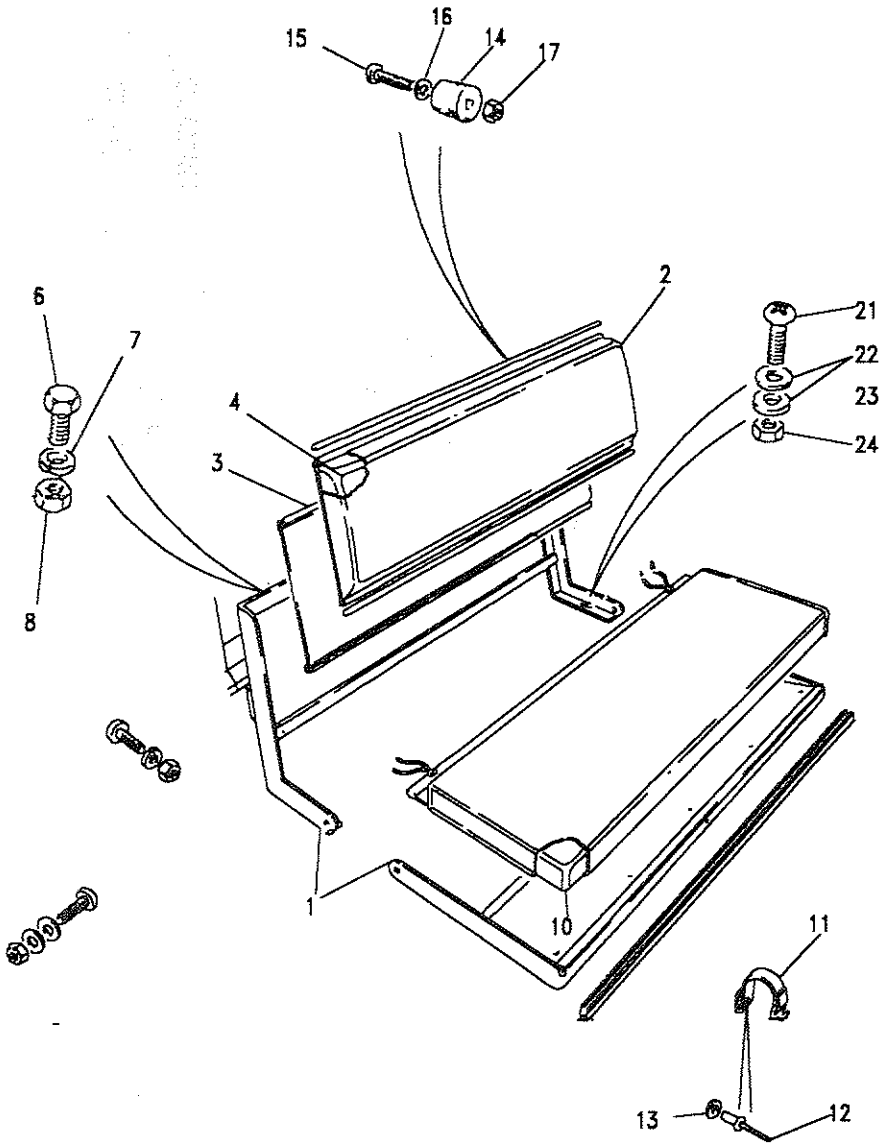



**Model** DEFENDER 90
**Page** ADRXEA8A

**FRONT SEATS - CENTRE - COUNTY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | FN108041L | Nut | 2 | Rear |

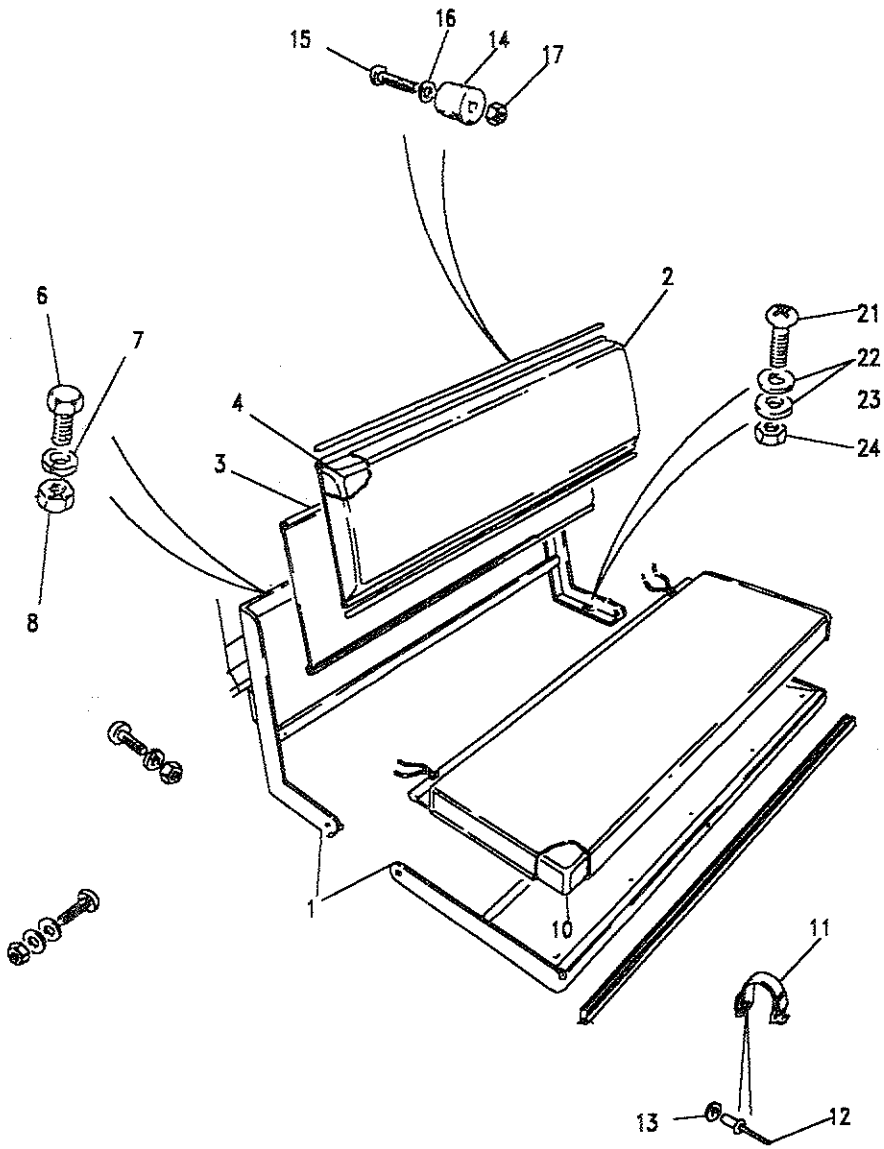
Note(1) Regular VIN EA314059, Station Wagon VIN EA314174




**Model** DEFENDER 90
**Page** ADRXKA1A

## REAR SEATS - INWARD FACING - TWO SEATER BENCH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto introduction of 1988 Model Year** | | | | |
| 1 | MTC6448 | Seat frame | 1 | |
| 2 | SE106204 | Screw | 2 | |
| 3 | AFU2651 | Washer plain | 6 | |
| 4 | NY106041L | Nut | 2 | |
| 5 | MTC6452 | Clip RH | 1 | |
| | MTC6453 | Clip LH | 1 | |
| 6 | SE106164 | Screw | 4 | |
| 7 | WL106004L | Washer spring | 4 | |
| 8 | NH106044 | Nut | 4 | |
| 9 | 302648 | Strap seat | 1 | |
| 10 | 301005 | Hook | 1 | |
| 11 | RU612373L | Rivet | 2 | |
| 12 | WC702101L | Washer plain | 2 | |
| **Brushwood/Berber cloth** | | | | |
| 13 | MTC4488RD | Backrest | 1 | |
| **Black vinyl** | | | | |
| 13 | 396739 | Backrest | 1 | |
| 14 | 396698 | Pad | 1 | |
| 15 | STC1012 | Panel | 1 | |
| 16 | 301476 | Rod | 2 | |

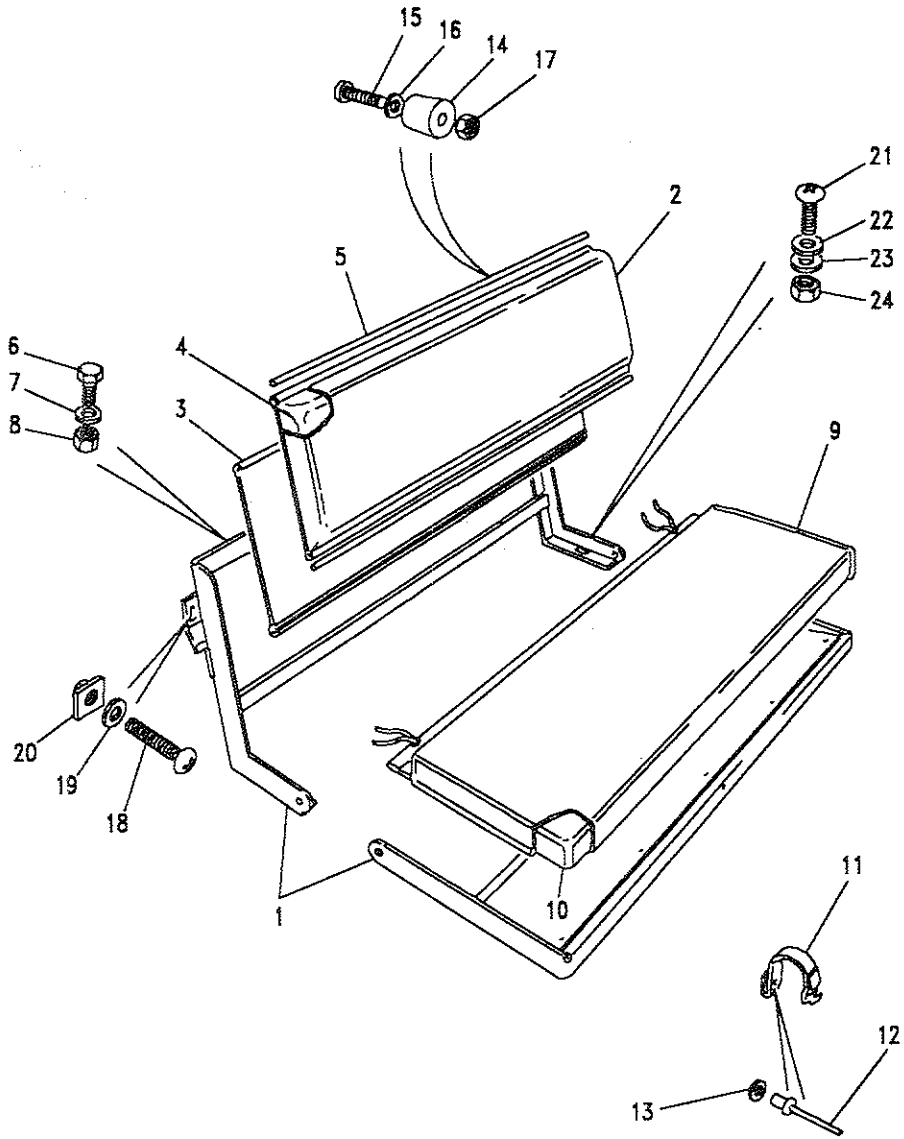



**Model** DEFENDER 90
**Page** ADRXKA1A

## REAR SEATS - INWARD FACING - TWO SEATER BENCH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Fixings - Backrest to frame** | | | | |
| 17 | SH106124 | Screw | 5 | |
| 18 | WL106004L | Washer spring | 5 | |
| 19 | NH106044 | Nut | 5 | |
| **Brushwood/Berber cloth** | | | | |
| 20 | MTC4487RD | Cushion | 1 | |
| **Black vinyl** | | | | |
| 20 | 320674 | Cushion | 1 | |
| 21 | 331835 | Pad | 1 | |
| 22 | SE106201L | Screw | 2 | |
| 23 | MRC5528 | Washer plain | 2 | |
| 24 | AFU1070 | Washer packing | 4 | |
| 25 | WL106001L | Washer spring | 2 | |
| 26 | NH106041L | Nut | 2 | |
| 27 | 304125 | Buffer rubber | 2 | |
| 28 | SE105251L | Screw | 2 | |
| 29 | WA105001L | Washer plain | 2 | |
| 30 | NH105041L | Nut | 2 | |

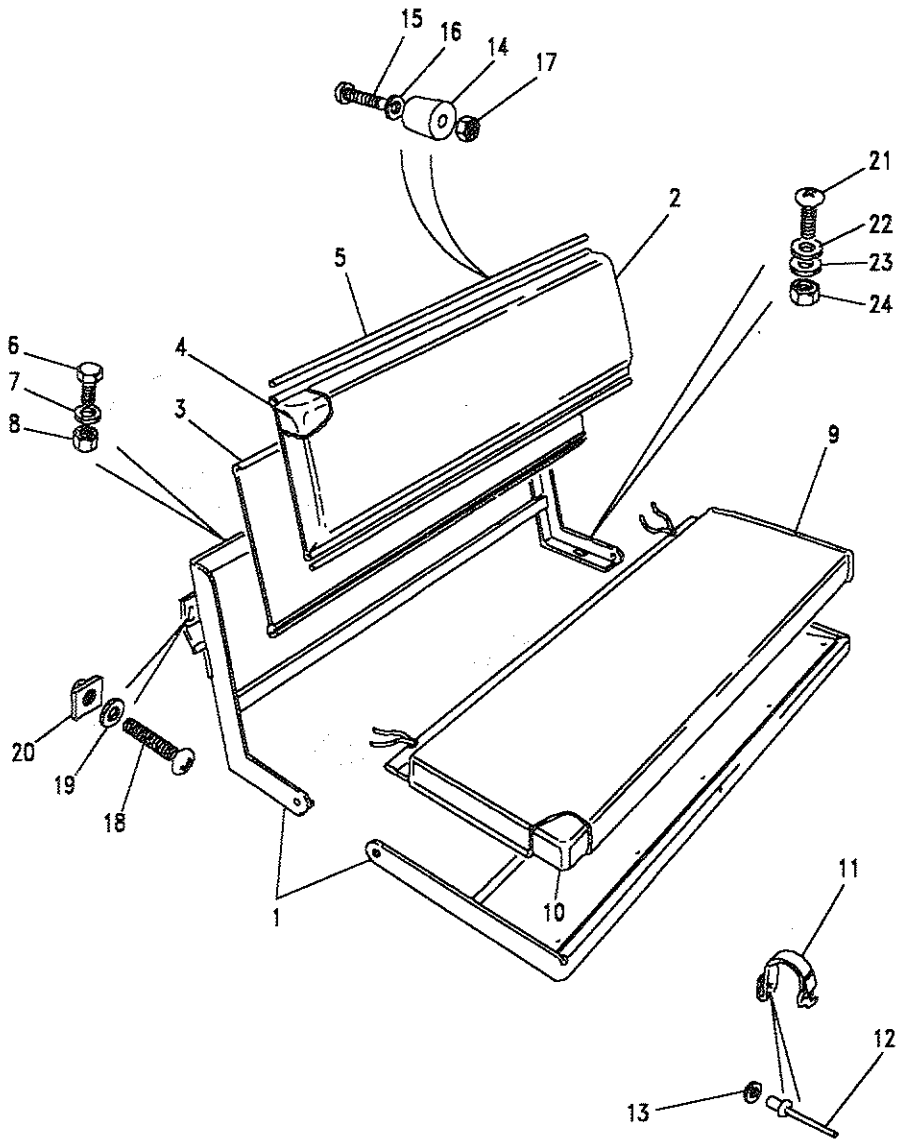
Note(1) Quantities shown are for one seat only




**Model** DEFENDER 90
**Page** ADRXKA2A

## REAR SEATS - INWARD FACING - TWO SEATER BENCH

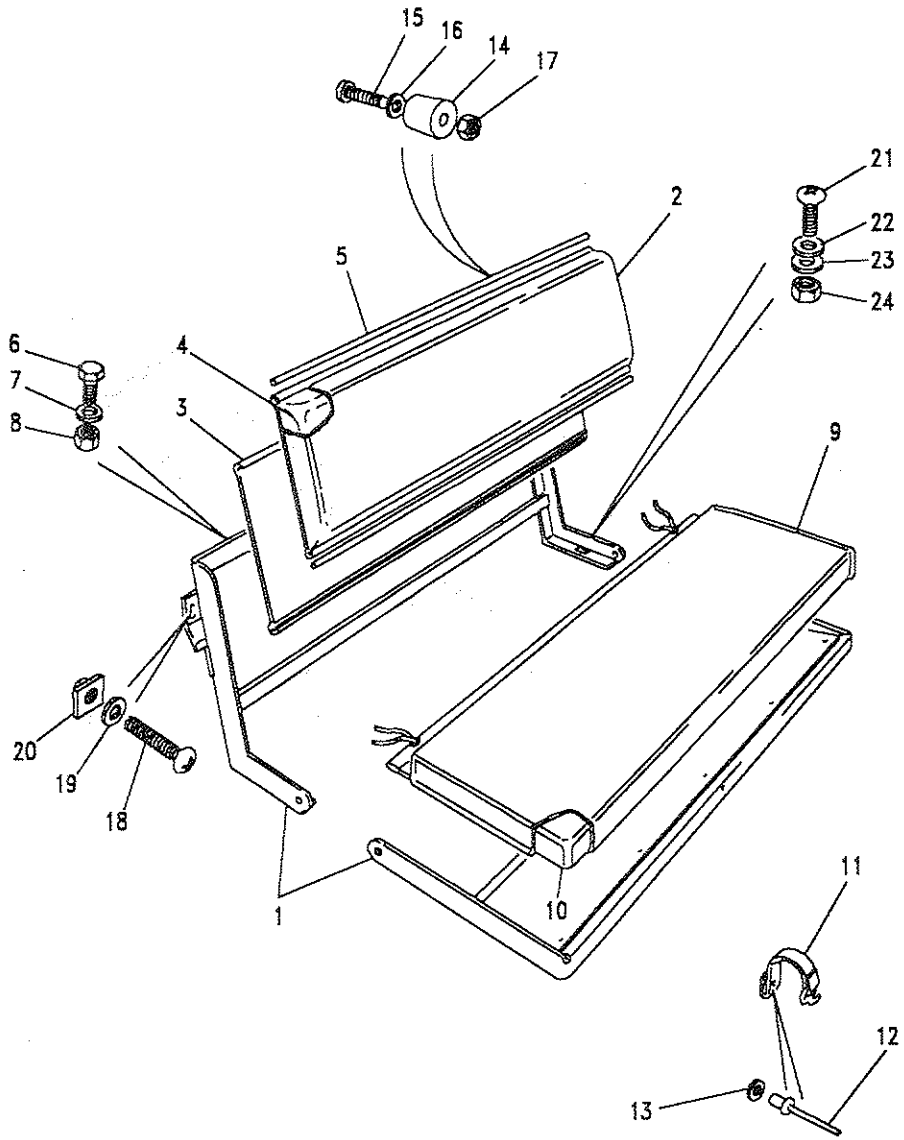
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From introduction of 1988 Model Year - Note(1)** | | | | |
| 1 | MWC4822 | Seat frame | 1 | |
| **Blue Grey/Grey cloth** | | | | |
| 2 | MWC5466RCF | Backrest | 1 | Upto Note(2) |
| **Moorland/Grey cloth** | | | | |
| 2 | MWC5466RUY | Backrest | 1 | From Note(2) Upto VIN HA705239 |
| | BTR2935RUY | Backrest | 1 | From VIN HA705240 |
| **Grey vinyl** | | | | |
| 2 | MWC5465LCS | Backrest | 1 | Upto VIN HA705239 |
| | BTR2934LCS | Backrest | 1 | From VIN HA705240 |
| 3 | STC1012 | Panel | 1 | Upto VIN HA705239 |
| 4 | 396696 | Pad | 1 | Upto VIN HA705239 |
| 5 | 301476 | Rod | 2 | Upto VIN HA705239 |
| **Fixings - Backrest to frame** | | | | |
| 6 | SH106124 | Screw | 5 | |
| 7 | WL106004L | Washer spring | 5 | |
| 8 | NH106044 | Nut | 5 | |




**Model** DEFENDER 90
**Page** ADRXKA2A

## REAR SEATS - INWARD FACING - TWO SEATER BENCH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Blue Grey/Grey cloth** | | | | |
| 9 | MWC5464RCF | Cushion | 1 | Upto Note(2) |
| **Moorland/Grey cloth** | | | | |
| 9 | MWC5464RUY | Cushion | 1 | From Note(2) |
| **Grey vinyl** | | | | |
| 9 | MWC5463LCS | Cushion | 1 | |
| 10 | 331835 | Pad | 1 | |
| 11 | 302648 | Strap | 1 | |
| 12 | RU612373L | Rivet | 2 | |
| 13 | WC702101L | Plain Washer | 2 | |
| 14 | 304125 | Buffer rubber | 2 | |
| 15 | SE105251L | Screw | 2 | |
| 16 | WA105001L | Washer plain | 2 | |
| 17 | NH105041L | Nut | 2 | |
| **Fixings - Seat frame to bodyside** | | | | |
| 18 | SE106401 | Screw | 2 | |
| 19 | WC600045L | Washer plain | 2 | |
| 20 | MTC3203 | Nut plate | 2 | |

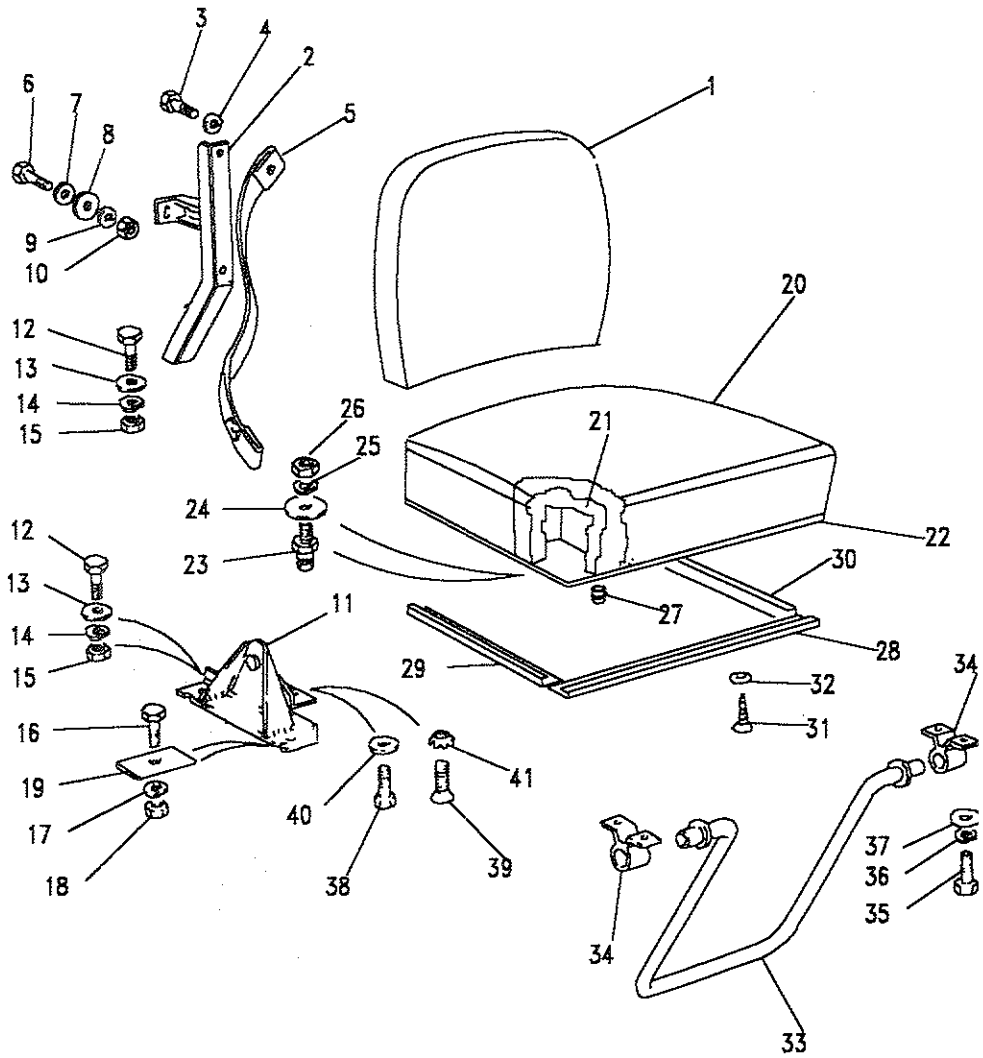



**Model** DEFENDER 90
**Page** ADRXKA2A

## REAR SEATS - INWARD FACING - TWO SEATER BENCH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Fixings - Seat frame to wheelarch** | | | | |
| 21 | SE106201L | Screw | 2 | |
| 22 | MRC5528 | Washer plain | 2 | |
| 23 | AFU1070 | Washer packing | 2 | |
| 24 | NH106041L | Nut M6 | 2 | |

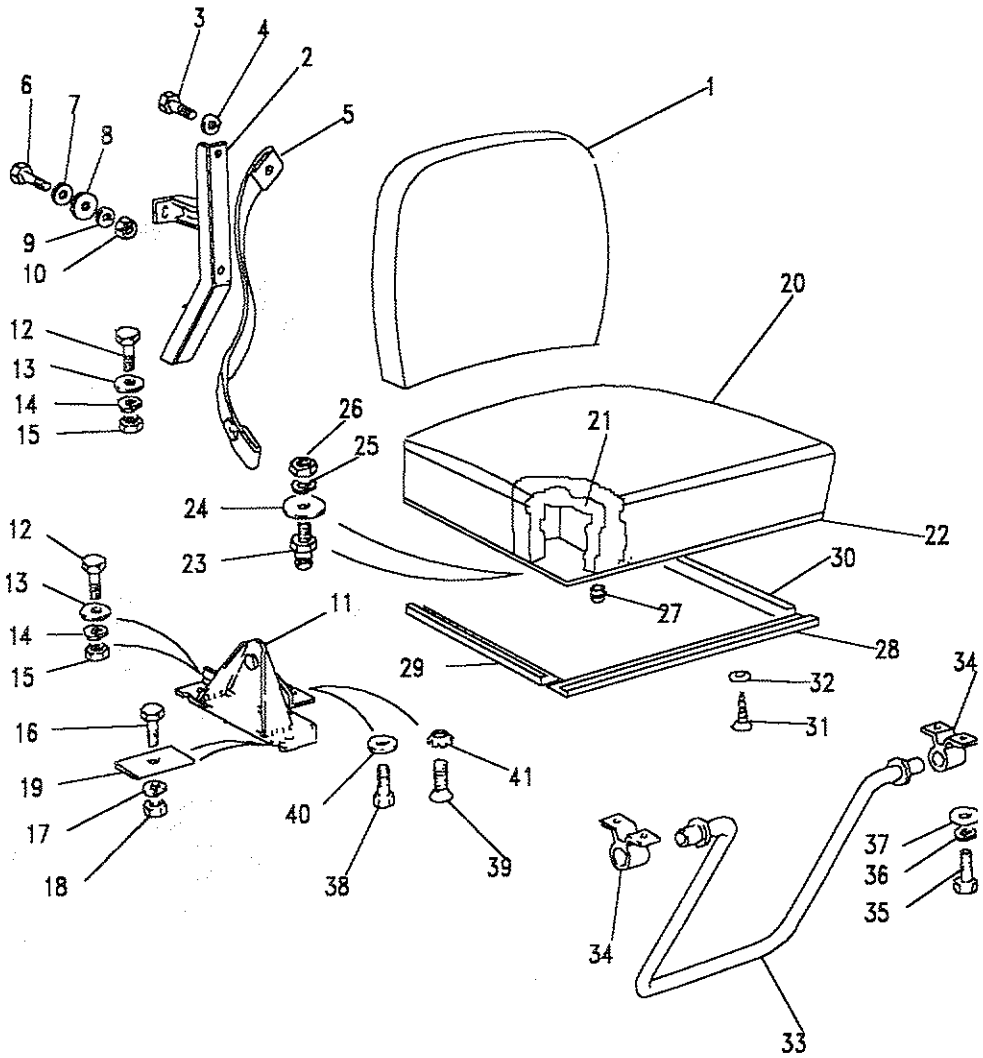
Note(1) VIN EA314174
Note(2) Introduction of 1991 Model Year - VIN HA
Note(3) Quantities shown are for one seat only




**Model** DEFENDER 90
**Page** ADRXKA3A

**REAR SEATS - INWARD FACING - INDIVIDUAL - COUNTY**

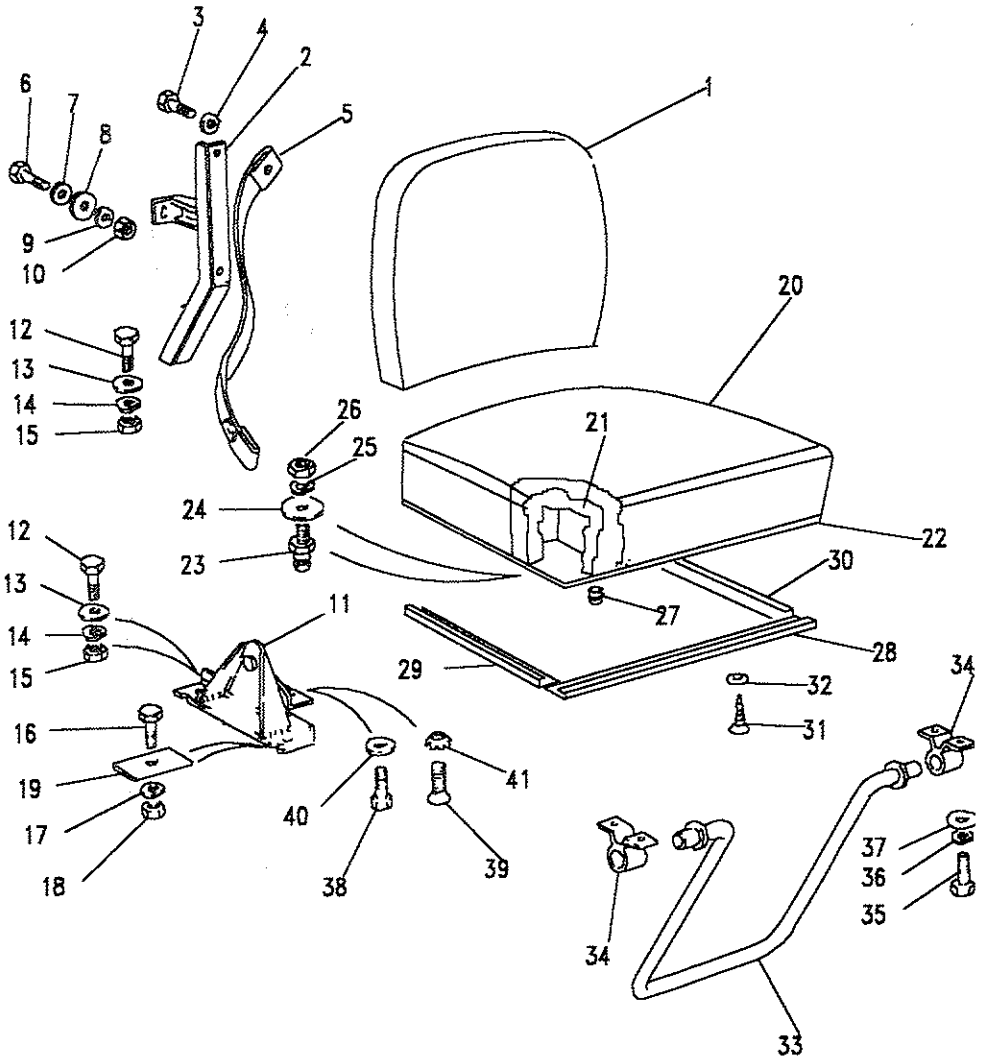
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Brushwood/Berber cloth** | | | | |
| 1 | MTC4484RD | Backrest | 4 | Upto Note(1) |
| **Blue Grey/Grey cloth** | | | | |
| 1 | MWC5508RCF | Backrest | 4 | From Note(1)<br>Upto Note(2) |
| **Moorland/Grey cloth** | | | | |
| 1 | MWC5508RUY | Backrest | 4 | From Note(2) |
| 2 | MTC8302 | Support RH | 4 | Upto Note(1) |
| | MTC8303 | Support LH | 4 | Upto Note(1) |
| | MWC8666 | Support RH | 4 | From Note(1) |
| | MWC8667 | Support LH | 4 | From Note(1) |
| **Fixings - Backrest to support** | | | | |
| 3 | FS106167L | Screw | 16 | |
| 4 | WL106001L | Washer spring | 16 | |
| 5 | RTC6453 | Strap retaining | 4 | |




**Model** DEFENDER 90
**Page** ADRXKA3A

## REAR SEATS - INWARD FACING - INDIVIDUAL - COUNTY

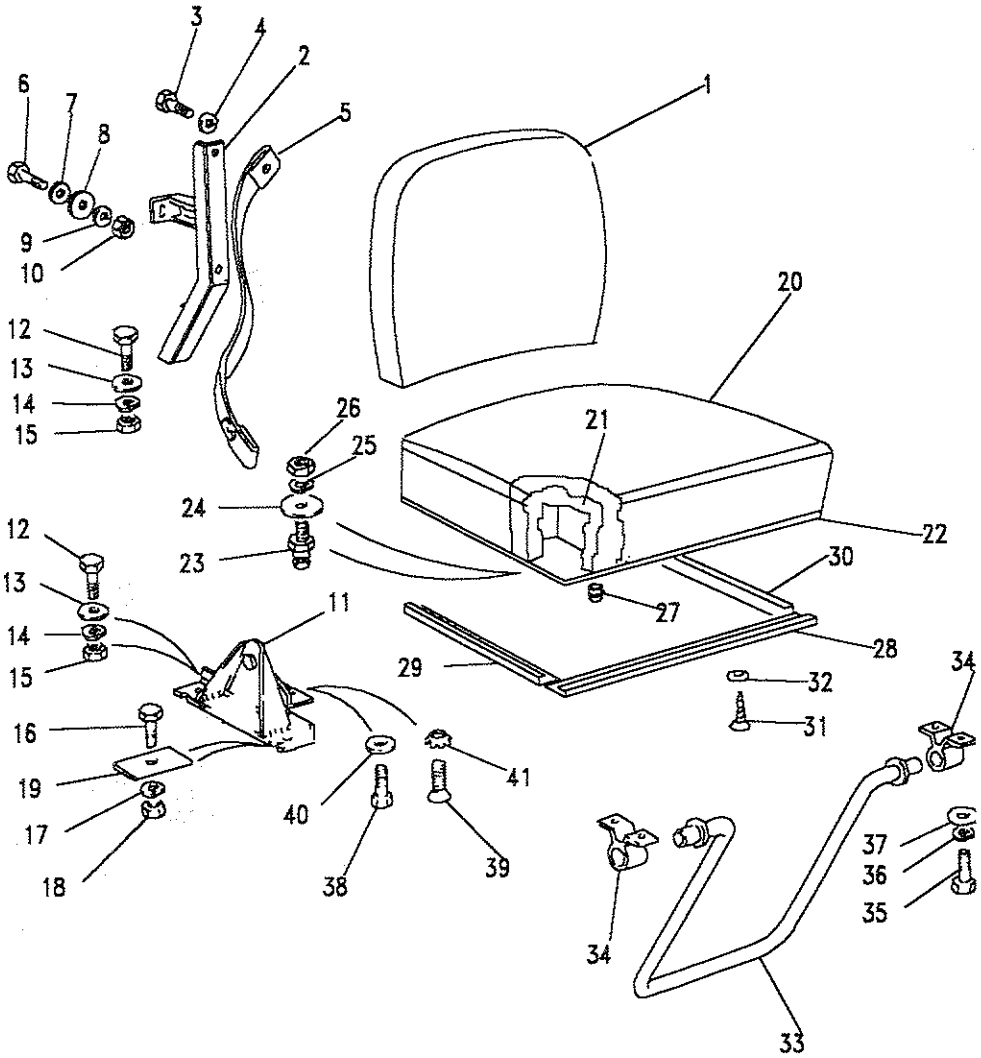
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Fixings - Support to capping** | | | | |
| 6 | FS106167L | Screw | 6 | |
| 7 | WB106041L | Washer plain | 6 | |
| 8 | WC106041L | Washer plain | 6 | |
| 9 | WL106001L | Washer spring | 6 | |
| 10 | NH106041L | Nut | 6 | |
| 11 | MUC4108 | Bracket pivot RH | 4 | |
| | MUC4109 | Bracket pivot LH | 4 | |
| **Supports and outer brackets to wheelarch** | | | | |
| 12 | SH604051L | Screw | 16 | |
| 13 | WC600045L | Washer plain | 16 | |
| 14 | WM600041L | Washer spring | 16 | |
| 15 | NH604041L | Nut | 16 | |
| **Inner brackets to wheelarch** | | | | |
| 16 | SH604071L | Screw | 4 | |
| 17 | WM600041L | Washer spring | 4 | |
| 18 | NH604041L | Nut | 4 | |
| 19 | 346804 | Clamping bar | 4 | |




**Model** DEFENDER 90
**Page** ADRXKA3A

**REAR SEATS - INWARD FACING - INDIVIDUAL - COUNTY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Brushwood/Berber cloth** | | | | |
| 20 | MTC4483RD | Cushion | 4 | Upto Note(1) |
| **Blue Grey/Grey cloth** | | | | |
| 20 | MWC5507RCF | Cushion | 4 | From Note(1) Upto Note(2) |
| **Moorland/Grey cloth** | | | | |
| 20 | MWC5507RUY | Cushion | 4 | From Note(2) |
| 21 | 349516 | Interior | 4 | |
| 22 | 306316 | Panel seat base | 4 | |
| 23 | 243618 | Stud | 4 | |
| 24 | 3852L | Washer plain | 4 | |
| 25 | WM702001L | Washer spring | 4 | |
| 26 | RTC608 | Nut | 4 | |
| 27 | 312028 | Buffer rubber | 4 | |
| 28 | 307418 | Finisher | 4 | Front |
| 29 | 307419 | Finisher RH | 4 | Side |
| 30 | 307420 | Finisher LH | 4 | Side |
| 31 | 20138 | Screw | 8 | Finisher |
| | 20147 | Screw | 16 | Finisher |
| | AF608081 | Screw | 8 | Seat base |
| 32 | WK608213 | Washer cup | 8 | |
| 33 | MUC4083 | Support tube | 4 | |
| 34 | 90306199 | Tube bearing | 8 | |

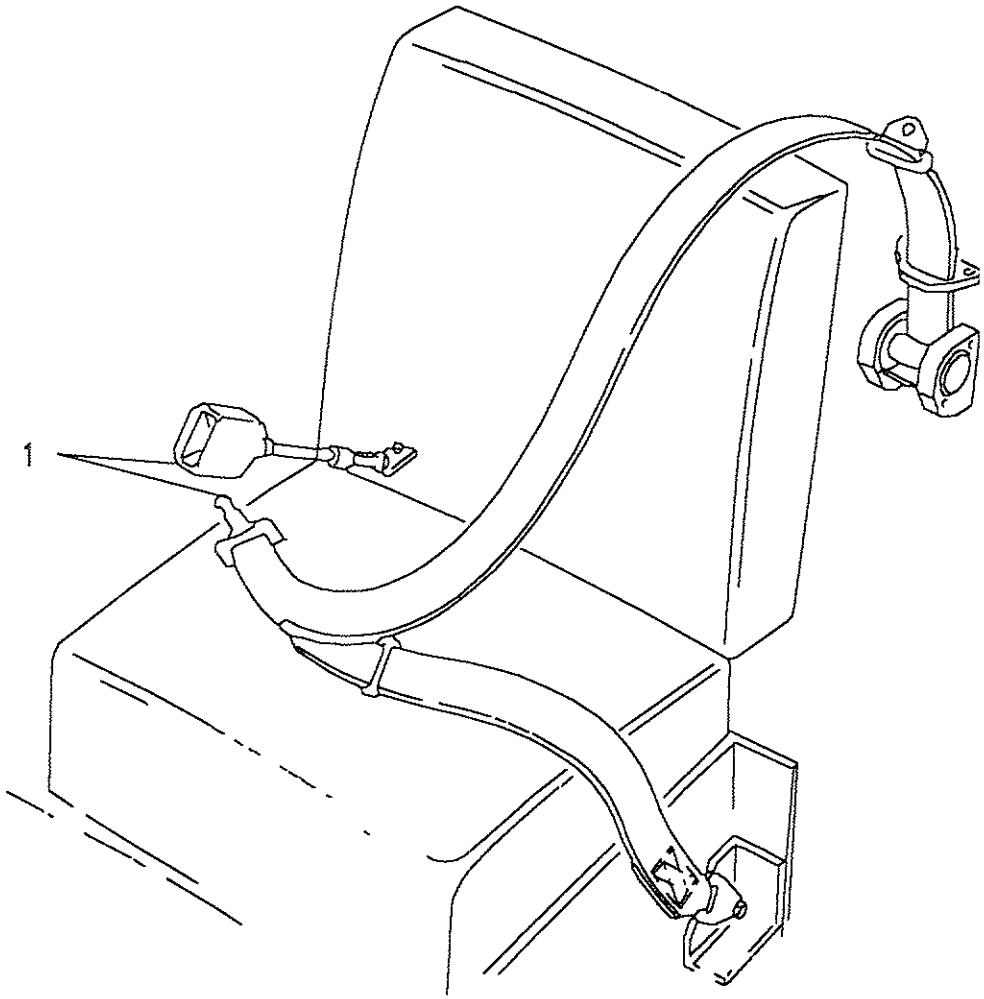



**Model** DEFENDER 90
**Page** ADRXKA3A

**REAR SEATS - INWARD FACING - INDIVIDUAL - COUNTY**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Fixings - Bearing to cushion frame** | | | | |
| 35 | SH604071L | Screw | 16 | |
| 36 | WM600041L | Washer spring | 16 | |
| 37 | WB106045 | Washer plain | 16 | |
| **Fixings - Pivot bracket to cushion frame** | | | | |
| 38 | SH604071 | Screw | 8 | |
| 39 | SF604101 | Screw | 8 | |
| 40 | WB106045 | Washer plain | 16 | |
| 41 | WH600041L | Washer shakeproof | 8 | Countersunk |

Note(1) Introduction of 1988 Model Year - VIN EA314174
Note(2) Introduction of 1991 Model Year - VIN HA

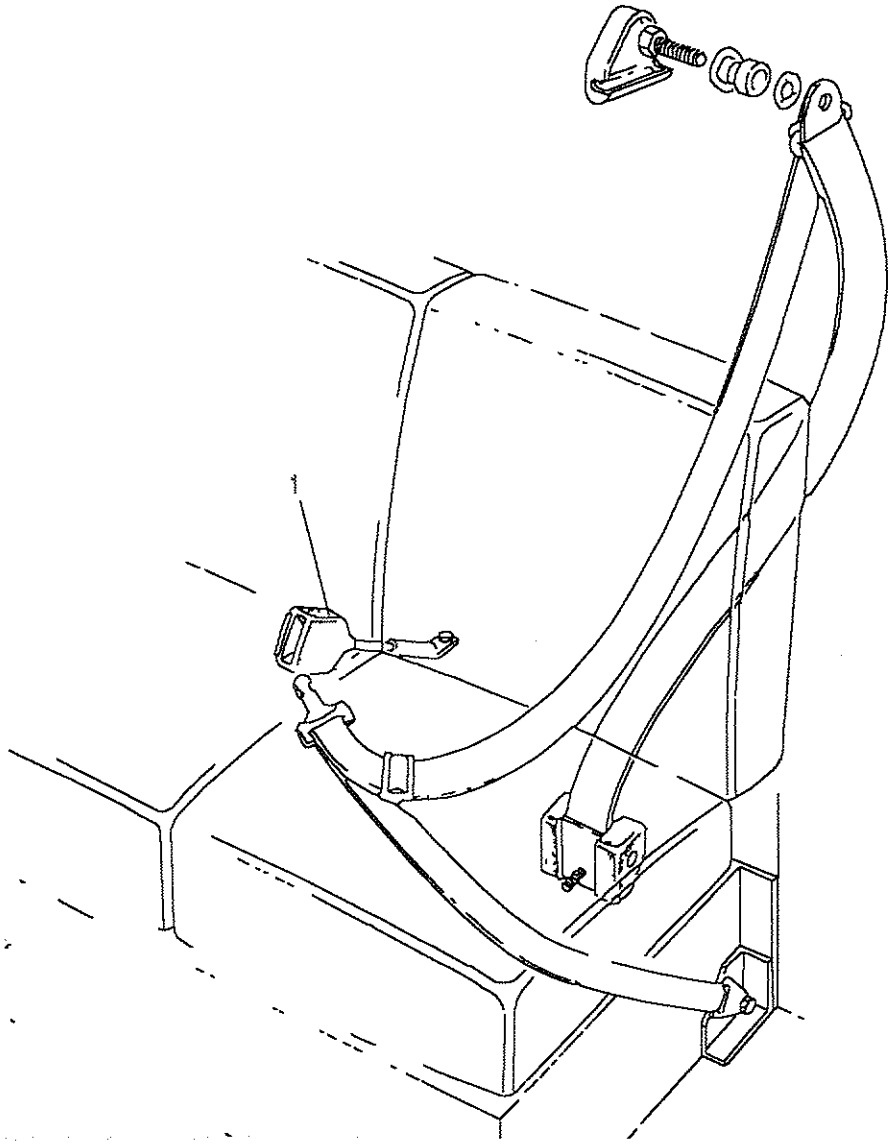



**Model** DEFENDER 90
**Page** ADRXPA1A

## SAFETY HARNESS - FRONT SEATS - RH/LH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Vehicles with Full Length Hood - Upto Note(1)** | | | | |
| 1 | MTC1608 | Seat belt RH | 1 | |
| | MTC1609 | Seat belt LH | 1 | |
| | AFU2875 | Clip retaining | 2 | On seatbase |
| | AB610051L | Screw | 4 | |

Note(1) VIN SALLDVAD7AA270227, SALLDVAC7AA270484, and SALLDVAV7AA271214 - Introduction of 1987 Model Year

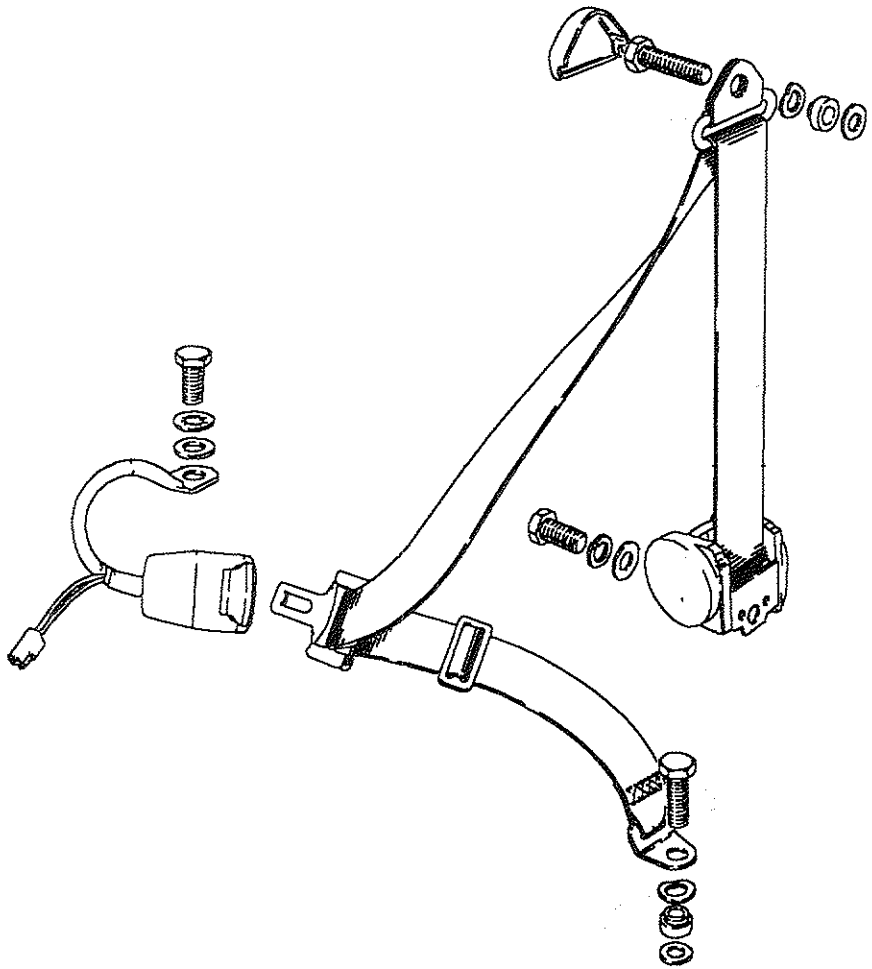



**Model** DEFENDER 90
**Page** ADRXPA2A

## SAFETY HARNESS - FRONT SEATS - RH/LH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **All Vehicles Except Full Length Hood - Upto Note(1)** | | | | |
| 1 | MWC3284 | Seat belt RH | 1 | |
| | MWC3285 | Seat belt LH | 1 | |
| | MTC7798 | Seat belt LH | 1 | Audible warning Saudi Arabia |
| | AFU2875 | Clip retaining | 2 | On seatbase |
| | AB610051L | Screw | 4 | |

Note(1) VIN SALLDVAD7AA270227, SALLDVAC7AA270484, and SALLDVAV7AA271214 - Introduction of 1987 Model Year



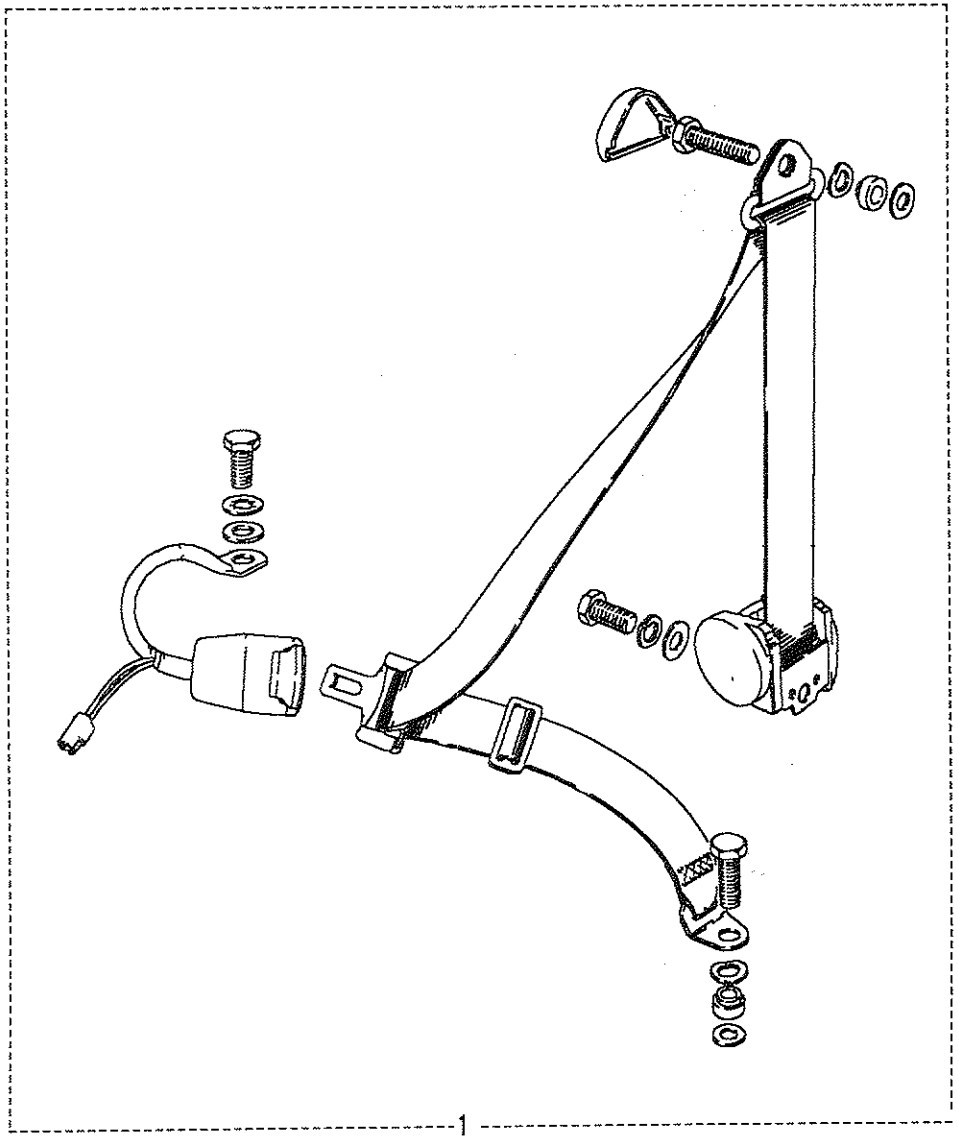
1

**Model** DEFENDER 90
**Page** ADRXPA3A

## SAFETY HARNESS - FRONT SEATS - RH/LH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From Note(1)** | | | | |
| **Full Length Hood Vehicles** | | | | |
| 1 | RTC6105 | Seat belt RH | 1 | Upto VIN KA924692 |
| | AWR2002 | Seat belt RH | 1 | ) |
| | BTR4372 | Buckle assembly RH | 1 | )From VIN KA924693 |
| | BTR1884PMA | Cap for bolt | 2 | ) |
| | STC1180 | Kit fixings | 1 | ) |
| 1 | RTC6106 | Seat belt LH | 1 | Upto VIN KA924692 |
| | AWR2001 | Seat belt LH | 1 | ) |
| | BTR4373 | Buckle assembly LH | 1 | )From VIN KA924693 |
| | BTR1884PMA | Cap for bolt | 2 | ) |
| | STC1180 | Kit fixings | 1 | ) |
| 1 | MUC9419 | Seat belt LH | 1 | Audible warning |
| **Fixings for AWR2001/2** | | | | |
| | WL106001L | Washer plain | 1 | |
| | SH106251L | Setscrew | 1 | |
| | NH106041L | Nut | 2 | |
| | MRC5527 | Plain washer | 1 | |

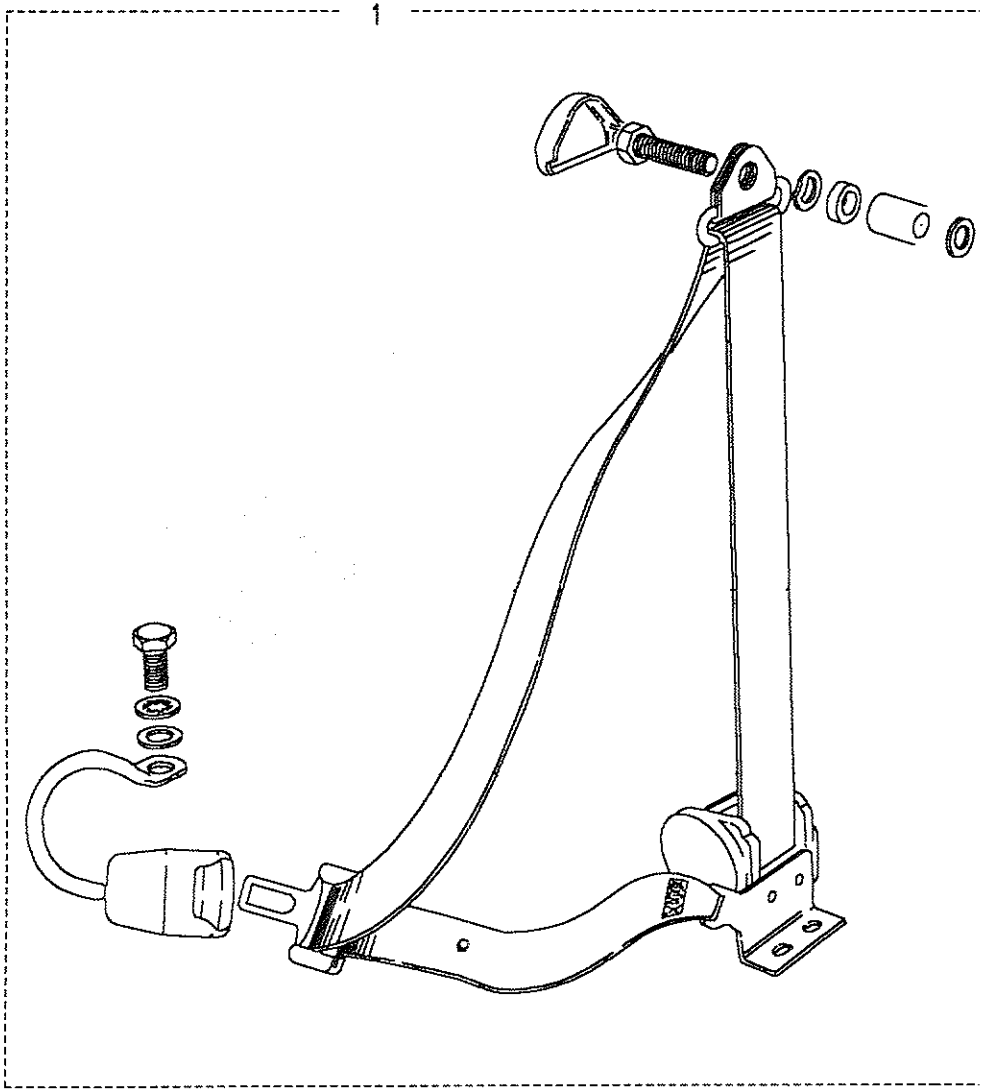
Note(1) VIN SALLDVAD7AA270227, SALLDVAC7AA270484, and SALLDVAV7AA271214 - Introduction of 1987 Model Year




**Model** DEFENDER 90
**Page** ADRXPA3A

**SAFETY HARNESS - FRONT SEATS - RH/LH MA939976 On.**

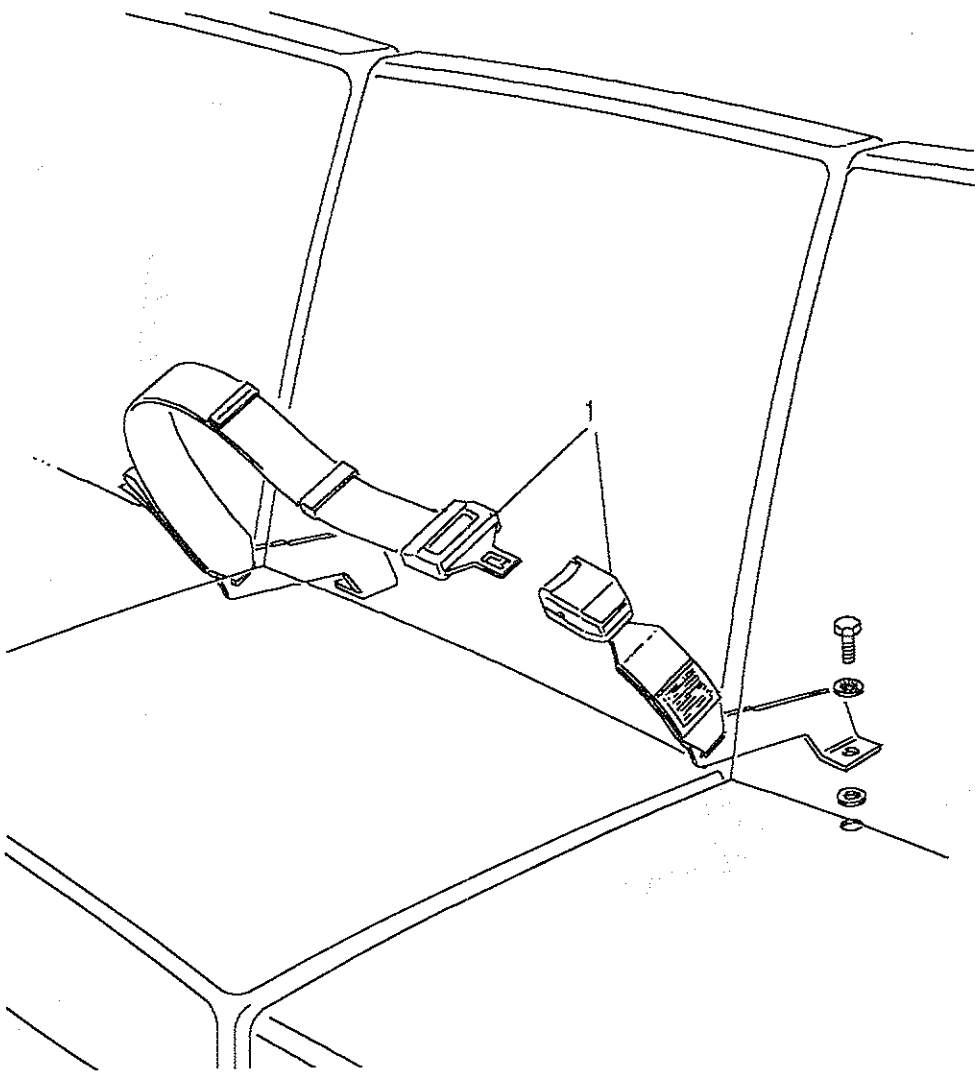
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Full Length Hood Vehicles** | | | | |
| 1 | BTR8410 | Seat belt RH | 1 | |
| | BTR8411 | Seat belt LH | 1 | |
| | BTR4372 | Buckle assembly RH | 1 | |
| | BTR4373 | Buckle assembly LH | 1 | |
| | BTR1884PMA | Cap for bolt | 2 | |




**Model** DEFENDER 90
**Page** ADRXPA4A

## SAFETY HARNESS - FRONT SEATS - RH/LH

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **All Vehicles Except Full Length Hood - Upto VIN EA354677** | | | | |
| 1 | MXC5492 | Seat belt RH | 1 | |
| 1 | MXC5493 | Seat belt LH | 1 | |
| 1 | MXC5491 | Seat belt LH | 1 | Audible warning |
| | AFU2875 | Clip retaining | 2 | On seatbase |
| | AB610051L | Screw | 4 | |
| **All Vehicles Except Full Length Hood - From VIN EA354678** | | | | |
| 1 | MXC5488 | Seat belt RH | 1 | Upto VIN KA924692 |
| | BTR6562 | Seat belt RH | 1 | ) |
| | BTR4372 | Buckle assembly RH | 1 | )From VIN KA924693 |
| | BTR1884PMA | Cap for bolt | 2 | ) |
| | STC1180 | Kit fixings | 1 | ) |
| 1 | MXC5489 | Seat belt LH | 1 | Upto VIN KA924692 |
| | BTR6561 | Seat belt LH | 1 | ) |
| | BTR4373 | Buckle assembly LH | 1 | )From VIN KA924693 |
| | BTR1884PMA | Cap for bolt | 2 | ) |
| | STC1180 | Kit fixings | 1 | ) |
| 1 | MWC8615 | Seat belt LH | 1 | Audible warning Upto VIN KA924692 |
| | BTR6561 | Seat belt LH | 1 | ) |
| | MXC5509 | Buckle assembly LH | 1 | )From VIN KA924693 |
| | BTR1884PMA | Cap for bolt | 2 | ) |
| | STC1180 | Kit fixings | 1 | ) |
| | AFU2875 | Clip retaining | 2 | On seatbase |
| | AB610051L | Screw | 4 | |




**Model** DEFENDER 90
**Page** ADRXPA5A

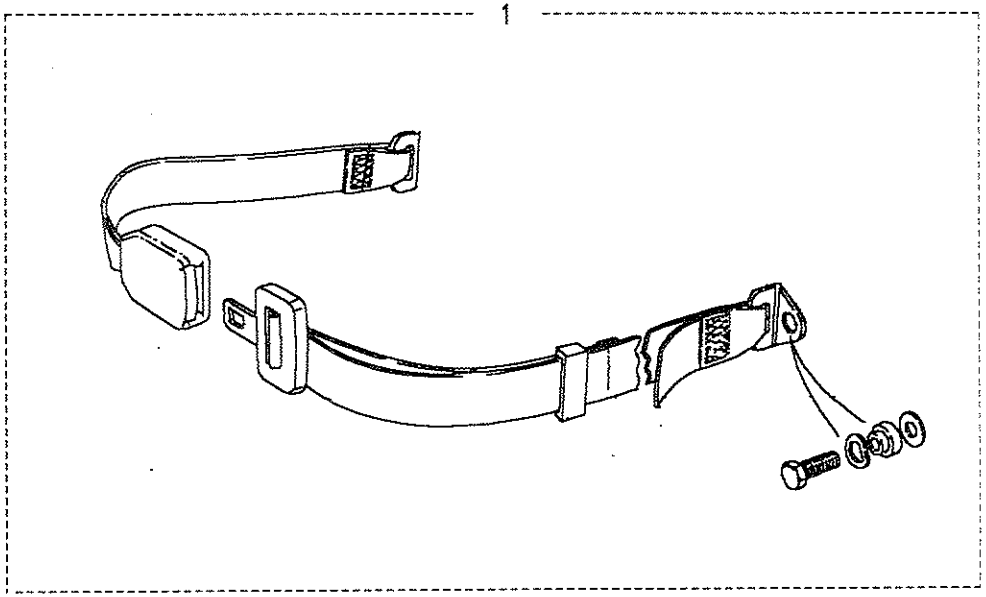
## SAFETY HARNESS - FRONT SEATS - CENTRE

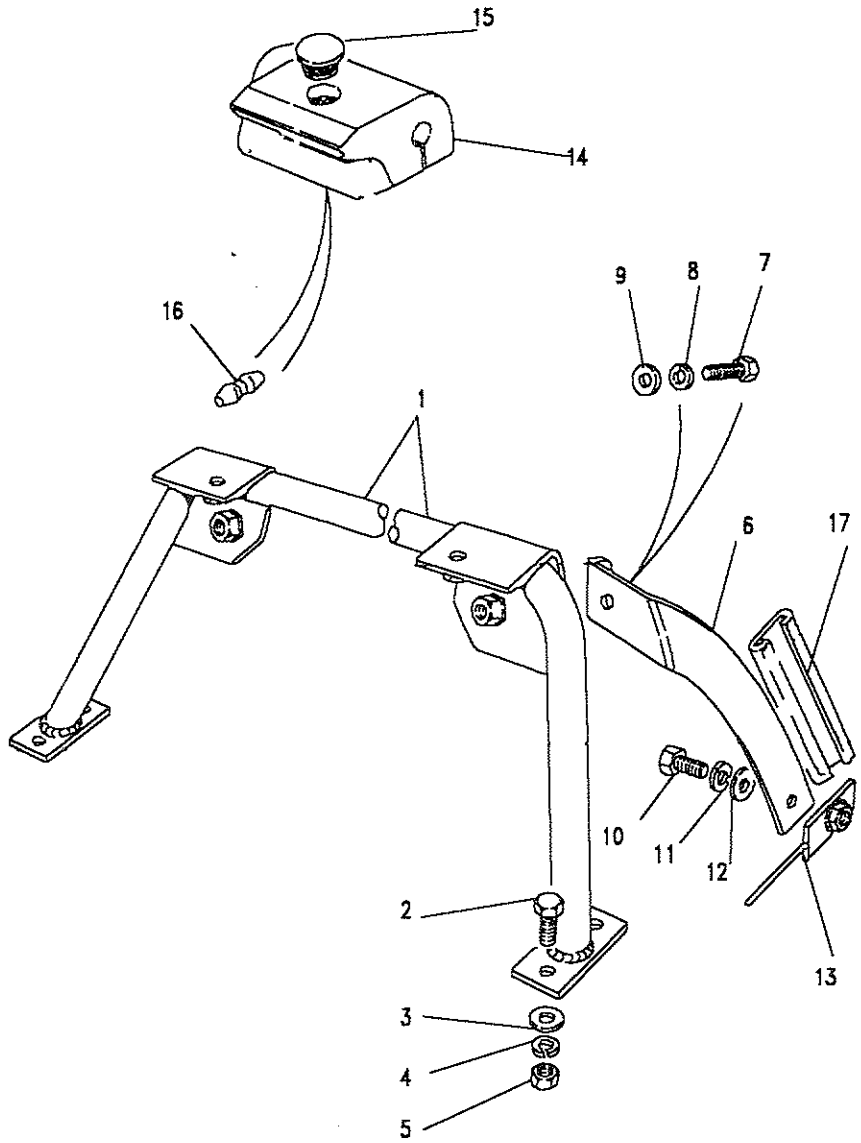
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MXC2537 | Lap strap | 1 | |
| | BTR4347 | Tongue lap belt | 1 | )MA939976 On |
| | BTR4346 | Buckle lap belt | 1 | ) |
| | STC1180 | Kit fixings | 1 | ) |

**Model** DEFENDER 90
**Page** ADRXPE1A

## SAFETY HARNESS - REAR SEATS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MXC5495 | Lap strap | 4 | |

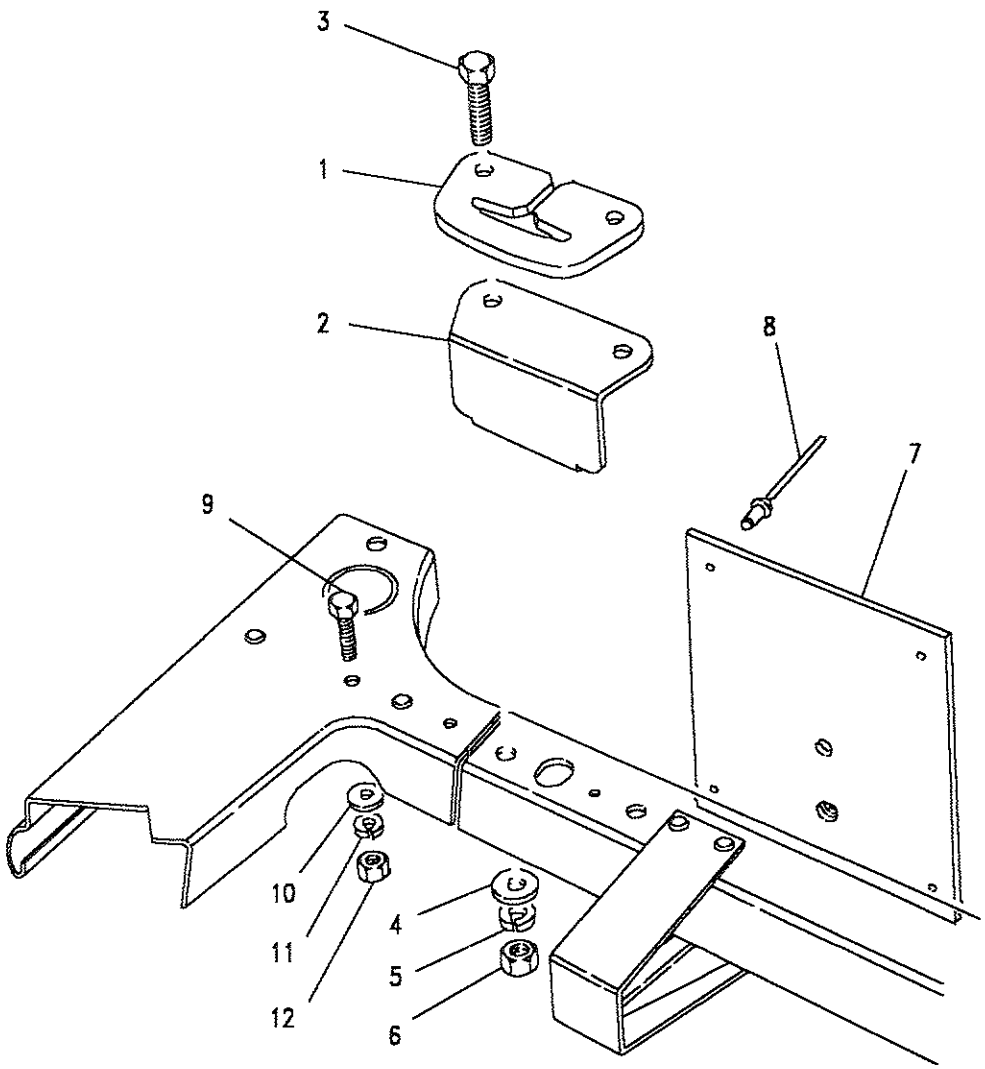





**Model** DEFENDER 90
**Page** ADRXRA1A

## SAFETY HARNESS ANCHORAGES - FRONT SEATS

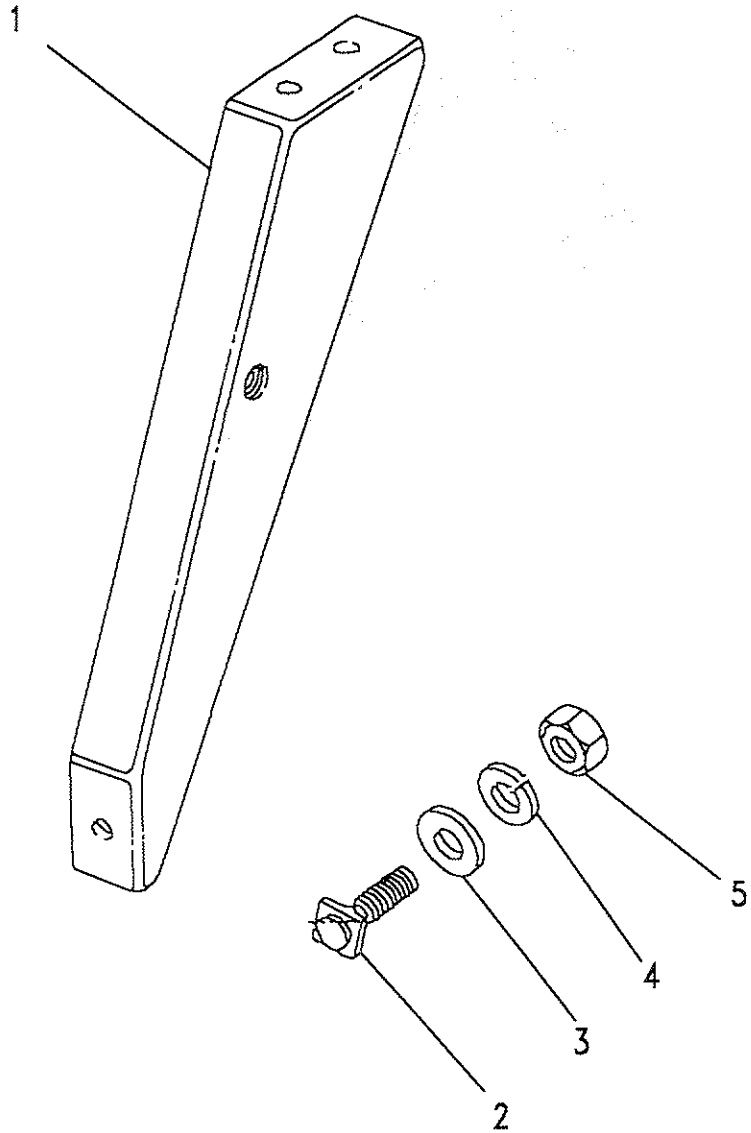
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Anchor Rail - Full Length Soft Top Vehicles** | | | | |
| 1 | MRC7354 | Rail anchorage | 1 | |
| 2 | FS108251L | Screw | 4 | |
| 3 | WA108051L | Washer plain | 4 | |
| 4 | WL108001L | Washer spring | 4 | |
| 5 | FN108041L | Nut | 4 | |
| | MRC199 | Tie bar RH | 1 | |
| 6 | MRC200 | Tie bar LH | 1 | |
| 7 | SH112251 | Screw | 2 | |
| 8 | WL112001L | Washer spring | 2 | |
| 9 | WA112081L | Washer plain | 2 | |
| 10 | SH110201L | Screw | 2 | |
| 11 | WL110001L | Washer spring | 2 | |
| 12 | WA110061L | Washer plain | 2 | |
| 13 | MRC7610 | Nut plate | 2 | |
| 14 | MRC8329 | Finishing cap RH | 1 | |
| | MRC8330 | Finishing cap LH | 1 | |
| 15 | MRC8389 | Plug | 4 | |
| 16 | MRC8390 | Fixing lug | 14 | |
| | MRC8392 | Cover tie bar RH | 1 | |
| 17 | MRC8393 | Cover tie bar LH | 1 | |




**Model** DEFENDER 90
**Page** ADRXRA2A

## SAFETY HARNESS ANCHORAGES - FRONT SEATS

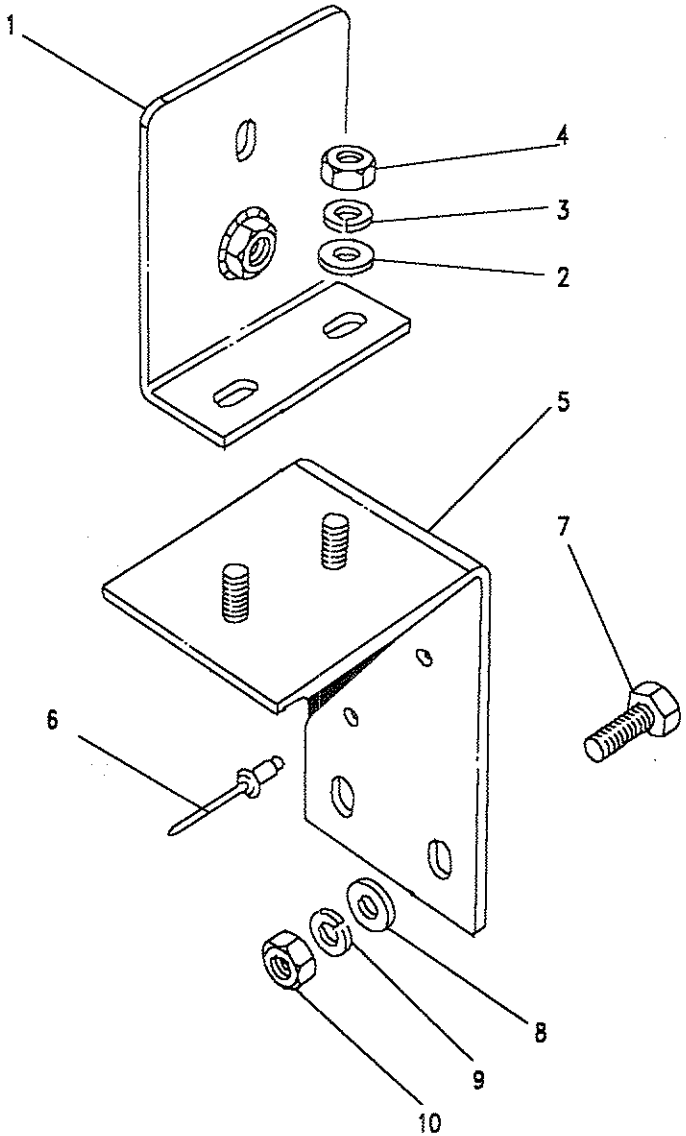
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Harness Guide - Full Length Soft Top Vehicles** | | | | |
| 1 | MRC7755 | Guide | 2 | |
| 2 | 345937 | Plate guard | 2 | |
| 3 | BH605101L | Bolt | 4 | |
| 4 | WA108051L | Washer plain | 4 | |
| 5 | WL600051 | Washer spring | 4 | |
| 6 | NH605041L | Nut | 4 | |
| 7 | MTC1631 | Plate reinforcement | 2 | |
| 8 | RU612373L | Rivet | 8 | |
| 9 | SH106201 | Screw | 8 | |
| 10 | MRC5524 | Washer plain | 8 | |
| 11 | WL106001L | Washer spring | 8 | |
| 12 | NH106041L | Nut | 8 | |




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## SAFETY HARNESS ANCHORAGES - FRONT SEATS

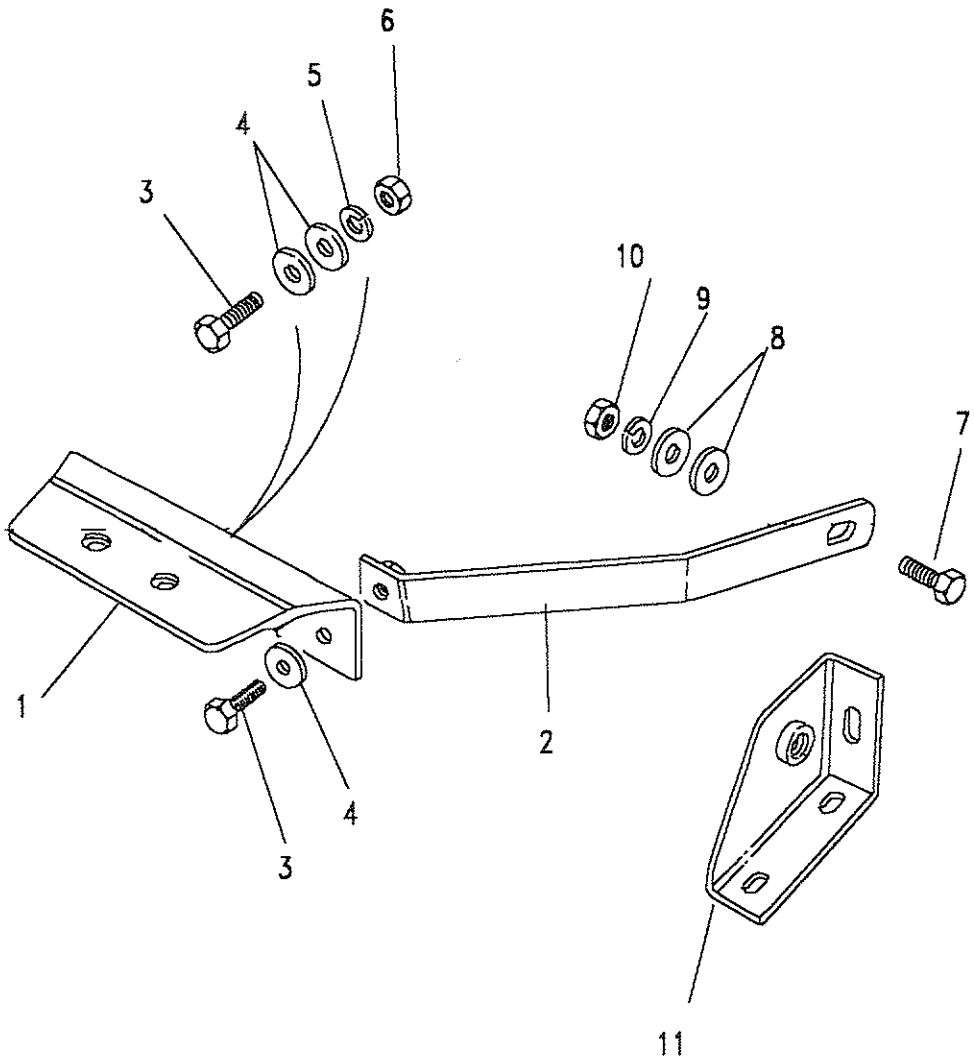
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Shoulder Anchorage - Hard Top** | | | | |
| 1 | 395586 | Bracket mounting RH | 1 | |
| | 395587 | Bracket mounting LH | 1 | |
| 2 | MRC7626 | Bolt plate | 2 | |
| 3 | WB106041L | Washer plain | 2 | |
| 4 | WL106001L | Washer spring | 2 | |
| 5 | NH106041L | Nut | 2 | |




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**Page** ADRXRA4A

## SAFETY HARNESS ANCHORAGES - FRONT SEATS

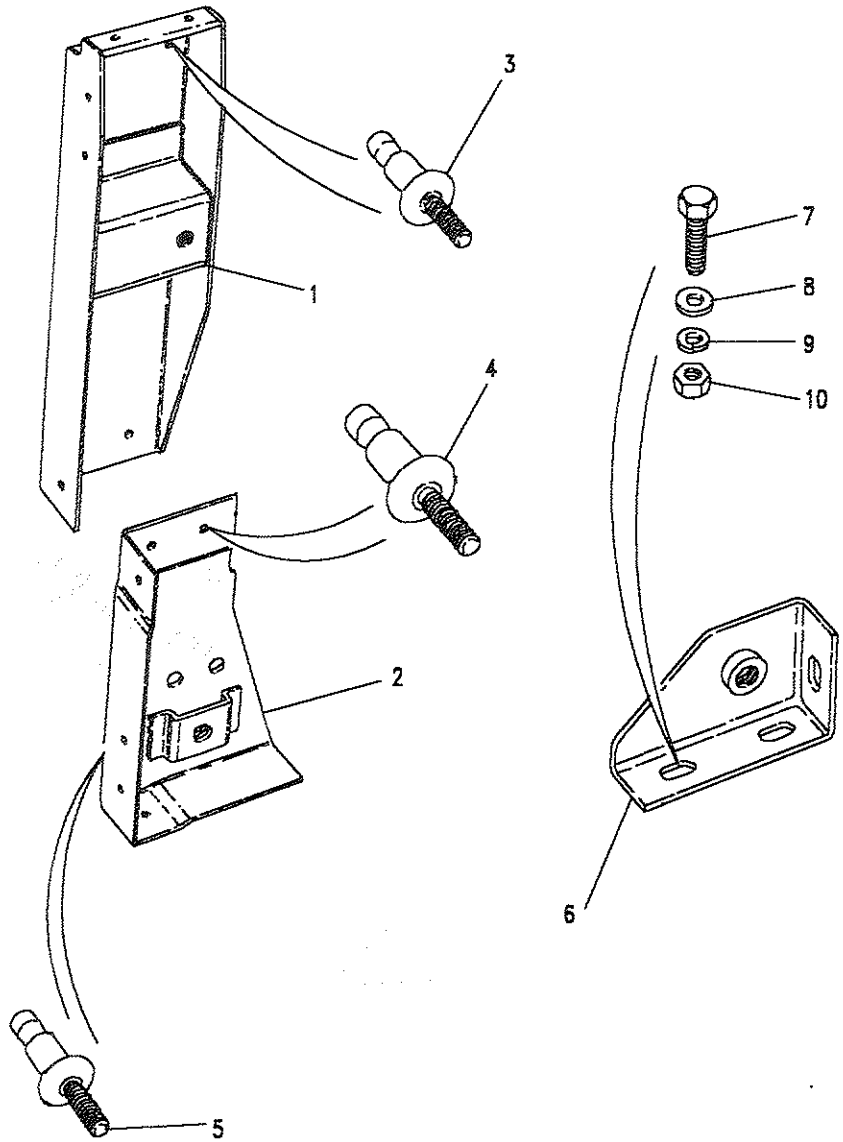
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Inertia Reel Mounting - Chassis Cab and Hard Top** | | | | |
| 1 | MTC4090 | Bracket mounting | 2 | Reel |
| 2 | WC108051L | Washer plain | 4 | |
| 3 | WL108001L | Washer spring | 4 | |
| 4 | FN108041L | Nut | 4 | |
| 5 | MRC8524 | Bracket mounting | 2 | Bulkhead |
| 6 | RA612347L | Rivet | 4 | |
| 7 | FS108251L | Screw | 4 | |
| 8 | WA108051L | Washer plain | 4 | |
| 9 | WL108001L | Washer spring | 4 | |
| 10 | FN108041L | Nut | 4 | |




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## SAFETY HARNESS ANCHORAGES - FRONT SEATS

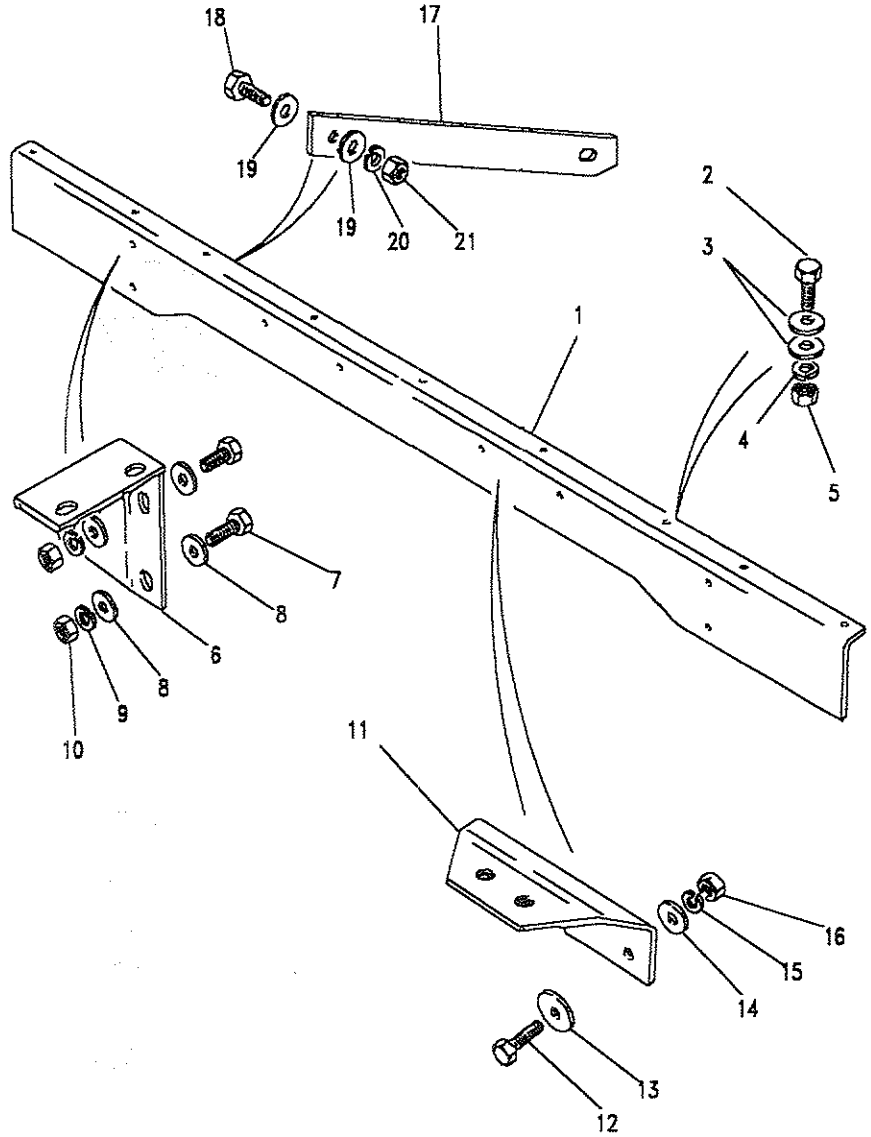
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Seatbase Anchorage - Soft and Hard Top** | | | | |
| 1 | 395252 | Bracket harness | 2 | |
| | MRC4885 | Tie bar RH | 1 | |
| 2 | MRC4886 | Tie bar LH | 1 | |
| 3 | BH108071L | Bolt | 4 | |
| 4 | AFU1079 | Washer plain | 6 | |
| 5 | WL108001L | Washer spring | 4 | |
| 6 | FN108041L | Nut | 2 | |
| 8 | AFU1079 | Washer plain | 4 | |
| 9 | WL108001L | Washer spring | 2 | |
| 10 | FN108041L | Nut | 2 | |
| | 345100 | Gusset sill RH | 1 | |
| 11 | 345101 | Gusset sill LH | 1 | |




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## SAFETY HARNESS ANCHORAGES - FRONT SEATS

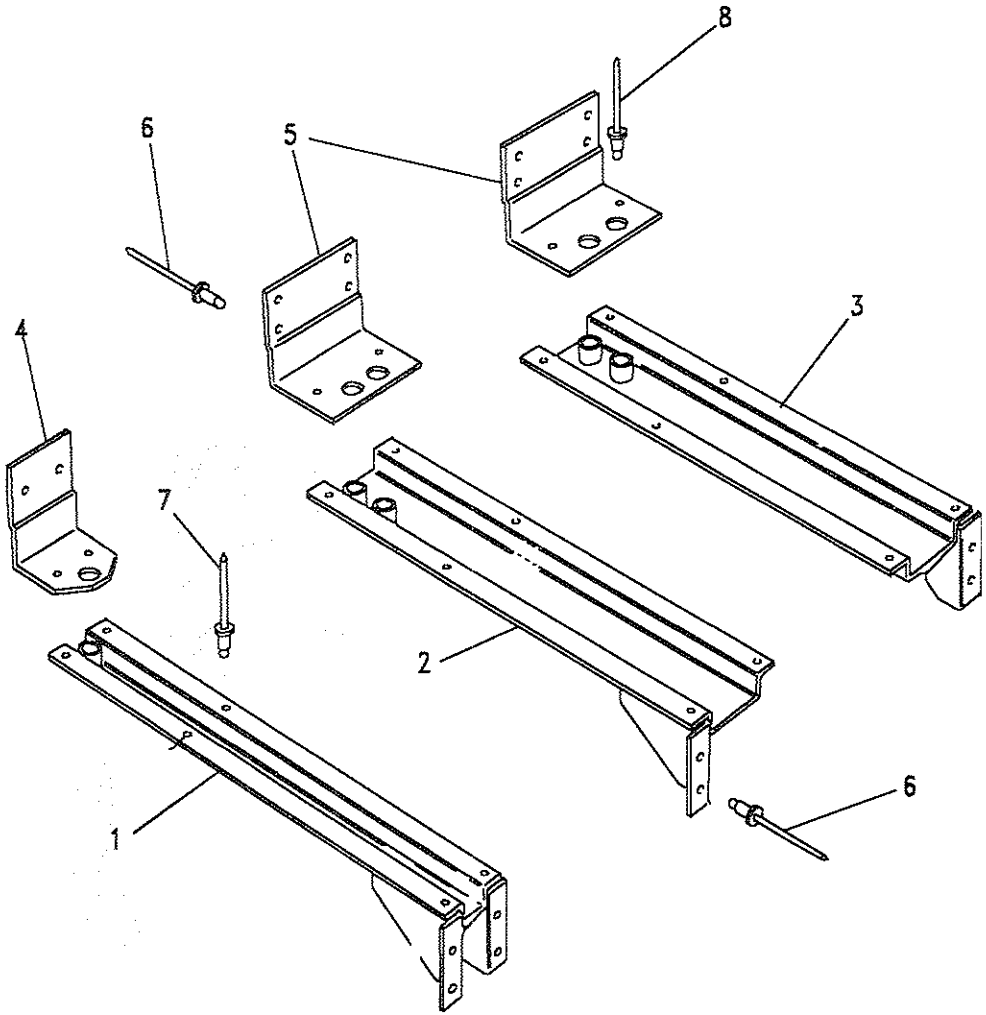
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Shoulder and Seatbase Anchorages - Truck Cab** | | | | |
| 1 | MRC9361 | Shoulder anchor upper RH | 1 | |
| | MRC9362 | Shoulder anchor upper LH | 1 | |
| 2 | MRC9367 | Shoulder anchor lower RH | 1 | |
| | MRC9368 | Shoulder anchor lower LH | 1 | |
| 3 | AFU1298 | Monobolt | 12 | |
| 4 | AFU1350 | Monobolt | 6 | |
| 5 | AFU1298 | Monobolt | 12 | |
| 6 | 345100 | Gusset sill RH | 1 | |
| | 345101 | Gusset sill LH | 1 | |
| 7 | SH106251L | Screw | 2 | |
| 8 | AFU1069 | Washer plain | 2 | |
| 9 | WL106001L | Washer spring | 2 | |
| 10 | NH106041L | Nut | 2 | |




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**Page** ADRXRA7A

## SAFETY HARNESS ANCHORAGES - FRONT SEATS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Cab Base Anchorages - Truck Cab** | | | | |
| 1 | MTC3042 | Reinforcing angle | 1 | |
| 2 | FS108251L | Screw | 9 | |
| 3 | WC108051L | Washer plain | 18 | |
| 4 | WL108001L | Washer spring | 9 | |
| 5 | FN108041L | Nut | 9 | |
| 6 | MTC3051 | Bracket | 1 | |
| | MTC3052 | Bracket LH | 1 | |
| 7 | FS108251L | Screw | 2 | Upper |
| | SH108301L | Screw | 2 | Lower |
| 8 | WC108051L | Washer plain | 8 | |
| 9 | WL108001L | Washer spring | 4 | |
| 10 | FN108041L | Nut | 4 | |
| 11 | 395252 | Bracket mounting | 2 | Harness |
| 12 | FS108251L | Screw | 4 | |
| 13 | AFU1079 | Washer plain | 4 | |
| 14 | WC108051L | Wasaher plain | 4 | |
| 15 | WL108001L | Washer spring | 4 | |
| 16 | FN108041L | Nut | 4 | |
| 17 | MTC3032 | Tie bar | 2 | |
| 18 | FS108251L | Screw | 4 | |
| 19 | WC108051L | Washer plain | 8 | |
| 20 | WL108001L | Washer spring | 4 | |
| 21 | FN108041L | Nut | 4 | |




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**Page** ADRXRE1A

## SAFETY HARNESS ANCHORAGE - REAR SEATS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MTC6836 | Stiffener wheelarch front | 2 | |
| 2 | MUC1330 | Stiffener wheelarch centr | 1 | RH side |
| | MUC1331 | Stiffener wheelarch centr | 1 | LH side |
| 3 | MUC1331 | Stiffener Wheelarch rear | 1 | RH side |
| | MUC1330 | Stiffener wheelarch rear | 1 | LH side |
| 4 | MTC6840 | Angle bracket front | 2 | |
| 5 | MUC1327 | Angle bracket centre | 2 | |
| | MUC1327 | Angle bracket rear | 2 | |
| **Fixings - Front stiffeners and angle brackets** | | | | |
| 6 | AFU1350 | Monobolt | 12 | |
| 7 | RA612156L | Rivet | 8 | |
| 8 | RA612236 | Rivet | 4 | |
| **Fixings - Centre stiffeners and angle brackets** | | | | |
| 6 | AFU1350 | Monobolt | 12 | |
| 7 | RA612156L | Rivet | 8 | |
| 8 | RA612236 | Rivet | 4 | |
| **Fixings - Rear stiffeners and angle brackets** | | | | |
| 6 | AFU1350 | Monobolt | 12 | |
| 7 | RA612156L | Rivet | 8 | |
| 8 | RA612236 | Rivet | 4 | |

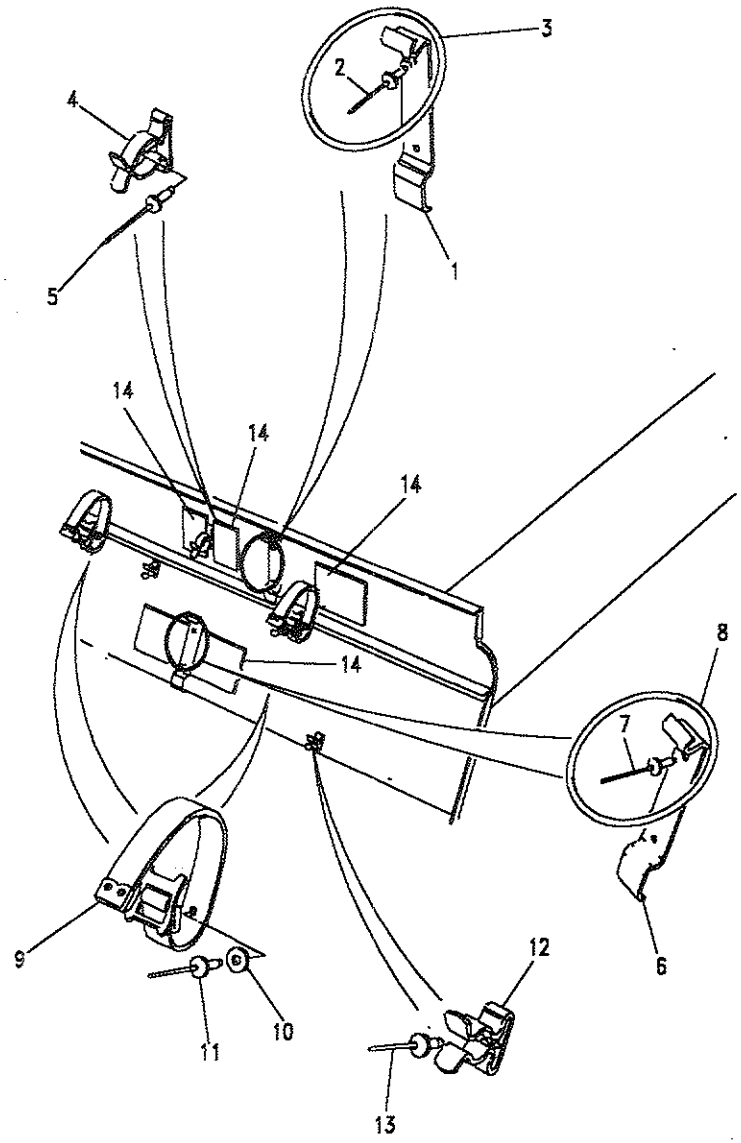
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STOWAGE


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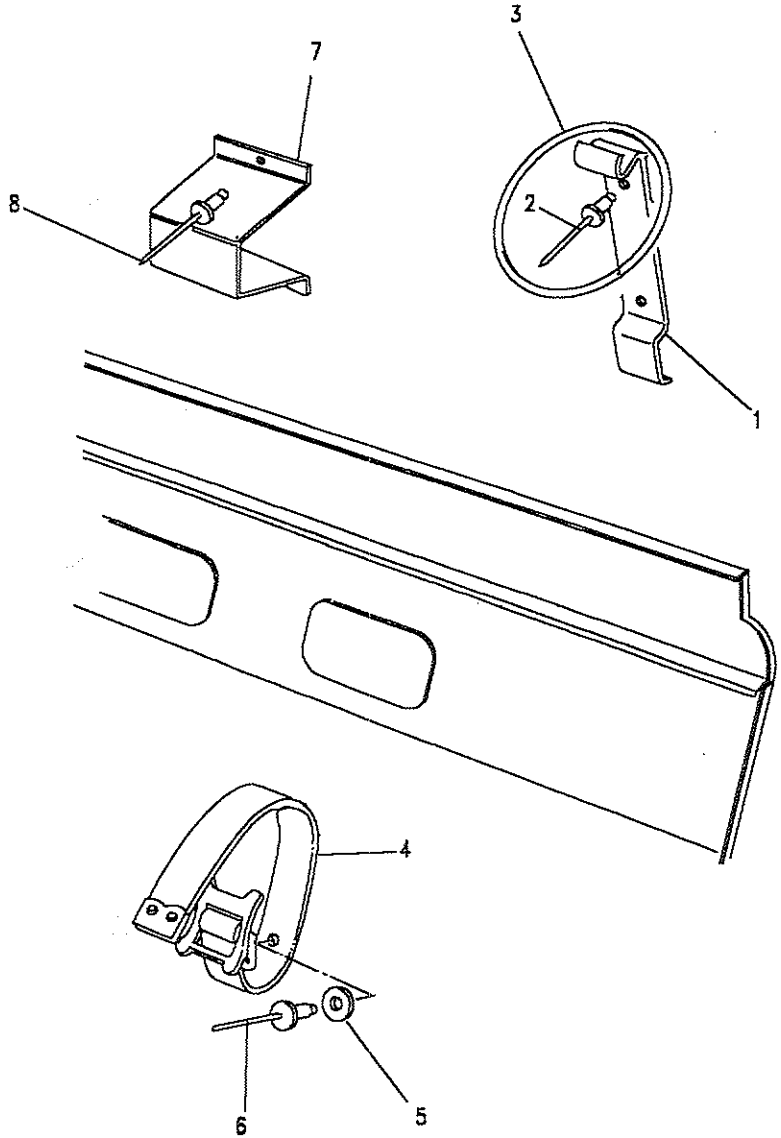



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**Page** ADSXAA1A

## STOWAGE - TOOL STOWAGE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto Note(1)** | | | | |
| 1 | MWC9313 | Bracket-hand pump | 1 | |
| 2 | RU612123L | Rivet | 2 | |
| 3 | 371144 | Ring retaining | 1 | |
| 4 | MTC7449 | Clip spring-hand pump | 1 | |
| 5 | RU612123L | Rivet | 1 | |
| 6 | MWC9313 | Bracket-jack base | 1 | |
| 7 | RU612123L | Rivet | 2 | |
| 8 | 371144 | Ring retaining | 1 | |
| 9 | MTC1359 | Strap-side lift jack | 2 | |
| 10 | AFU1256 | Washer | 2 | |
| 11 | RU612373L | Rivet | 2 | |
| 12 | 90508035 | Clip spring-strtng handle | 3 | |
| 13 | RU612123L | Rivet | 3 | |
| 14 | MTC7457 | Pad anti rattle | A/R | No longer available |

Note(1) VIN SALLDVAD7AA270227, SALLDVAC7AA270484, and SALLDVAV7AA271214 - Introduction of 1987 Model Year

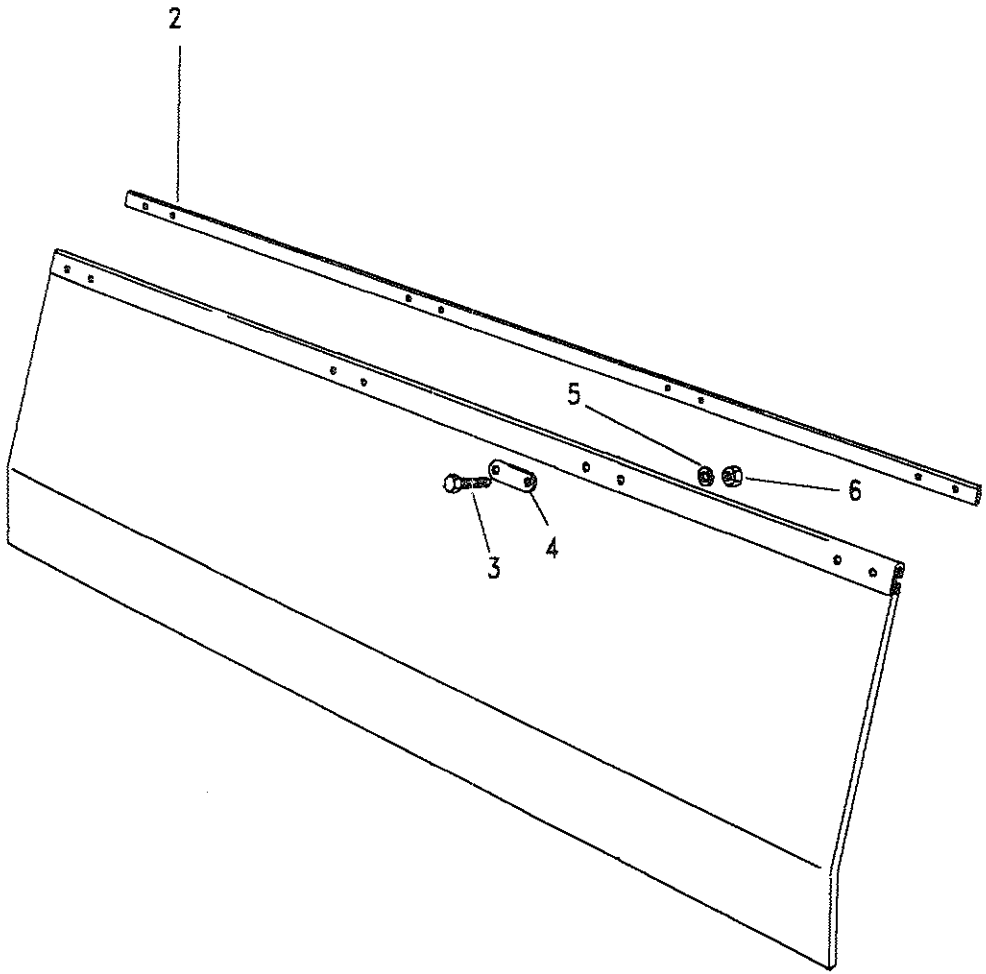



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**Page** ADSXAA2A

## STOWAGE - TOOL STOWAGE

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From Note(1)** | | | | |
| 1 | MWC9313 | Bracket-tool roll | 1 | |
| 2 | 78248 | Rivet | 2 | |
| 3 | 371144 | Ring retaining | 1 | |
| | MWC9313 | Bracket-jack base | 1 | |
| | 78248 | Rivet | 2 | |
| | 371144 | Ring retaining | 1 | |
| 4 | MTC1359 | Strap-jack retaining | 1 | |
| 5 | AFU1256 | Washer | 1 | |
| 6 | 78248 | Rivet | 1 | |
| 7 | MWC2145 | Bracket-jack retaining LH | 1 | |
| | MWC2146 | Bracket-jack retaining RH | 1 | |
| 8 | 78248 | Rivet | 2 | |

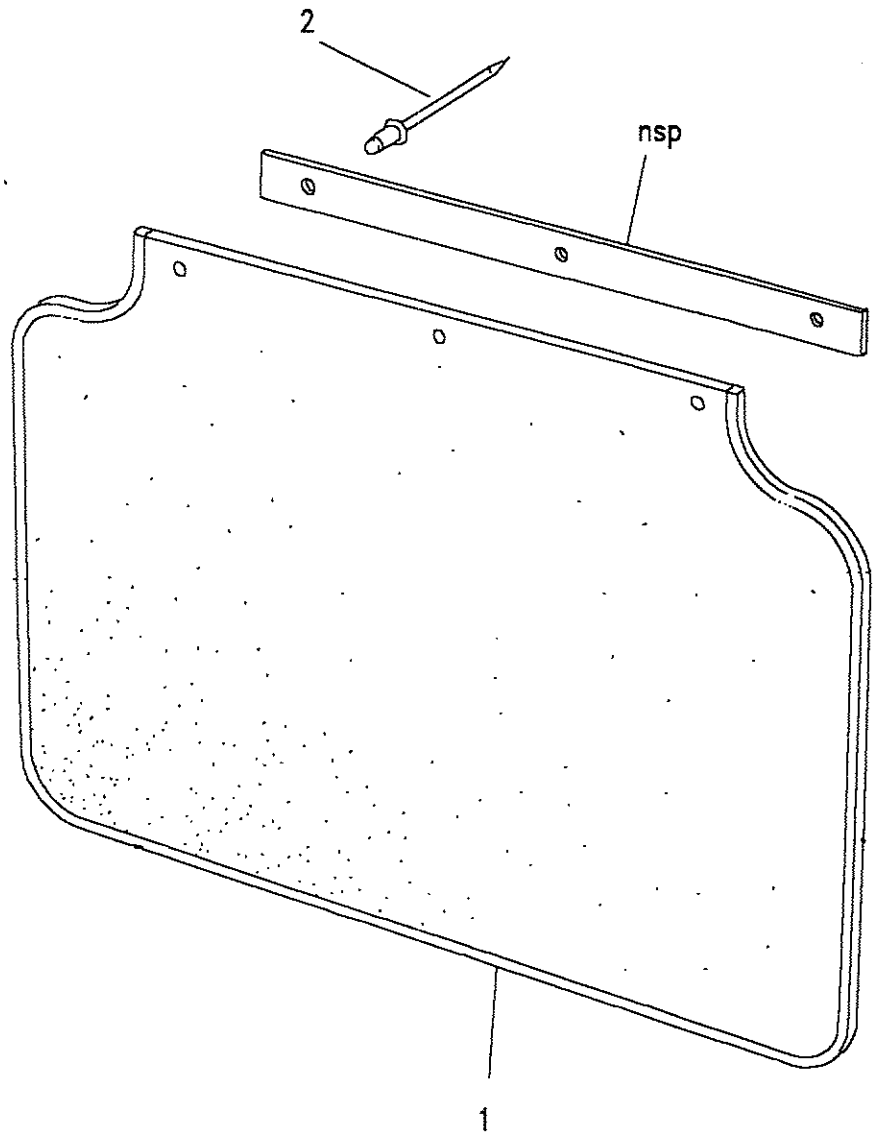
Note(1) VIN SALLDVAD7AA270227, SALLDVAC7AA270484, and SALLDVAV7AA271214 - Introduction of 1987 Model Year




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**Page** ADSXAA3A

## STOWAGE - TOOL CURTAIN

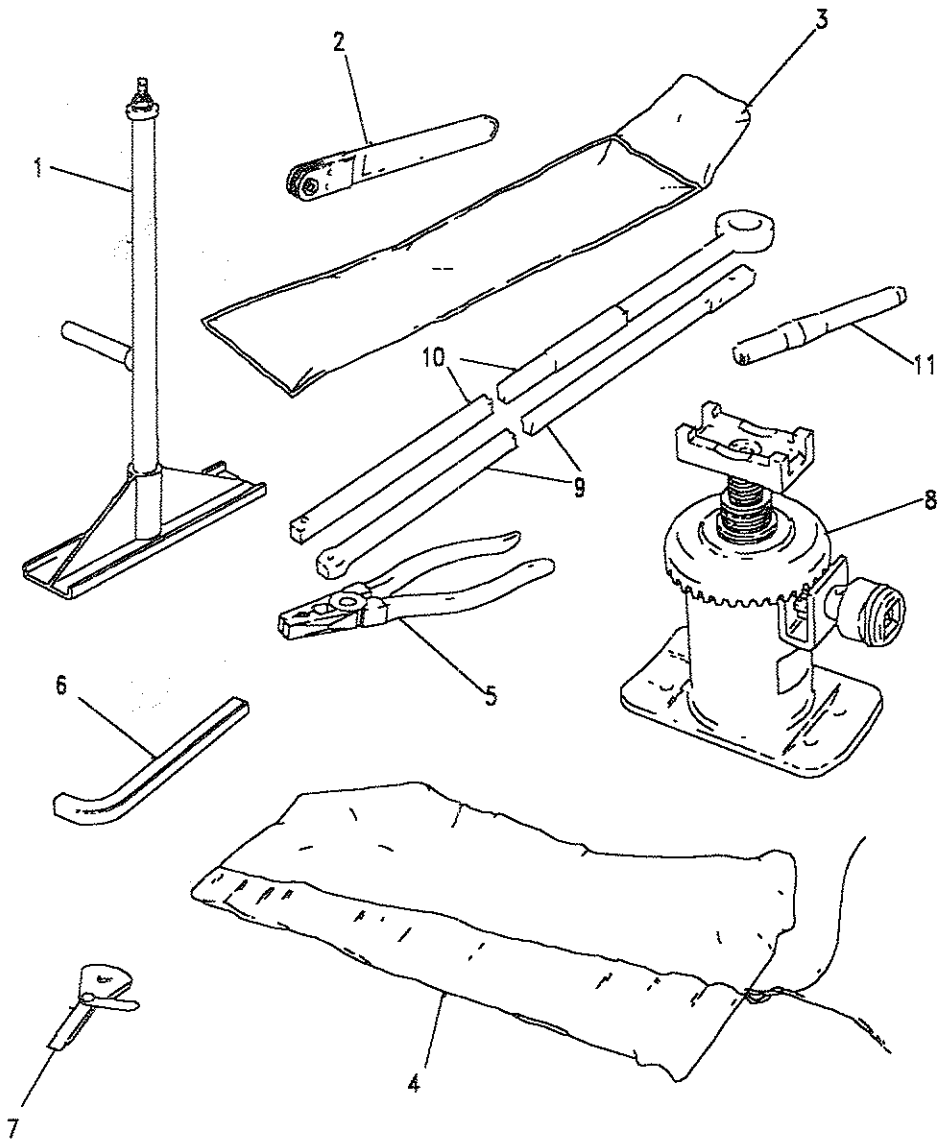
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto 1991 Model Year** | | | | |
| **Germany** | | | | |
| 1 | MTC3165 | Tool curtain | 1 | |
| 2 | MTC3166 | Plate retaining | 1 | |
| 3 | SH106251L | Screw | 8 | |
| 4 | MTC4601 | Washer plate | 4 | |
| 5 | WL106001L | Washer spring | 8 | |
| 6 | NH106041L | Nut | 8 | |




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**Page** ADSXAA4A

**STOWAGE - TOOL CURTAIN**

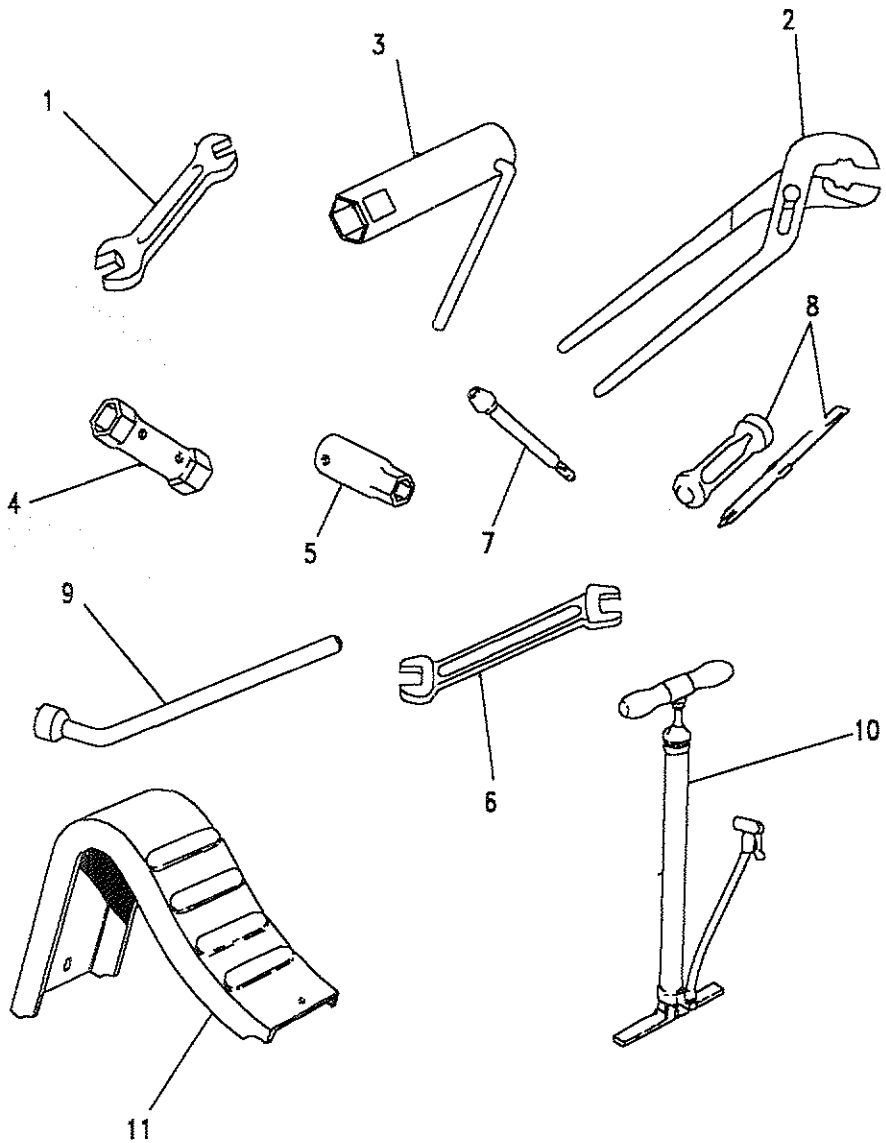
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From 1991 Model Year** | | | | |
| 1 | MXC6321PMA | Tool Curtain | 1 | |
| 2 | 78248 | Rivet | 3 | |




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**MISCELLANEOUS - TOOLS**

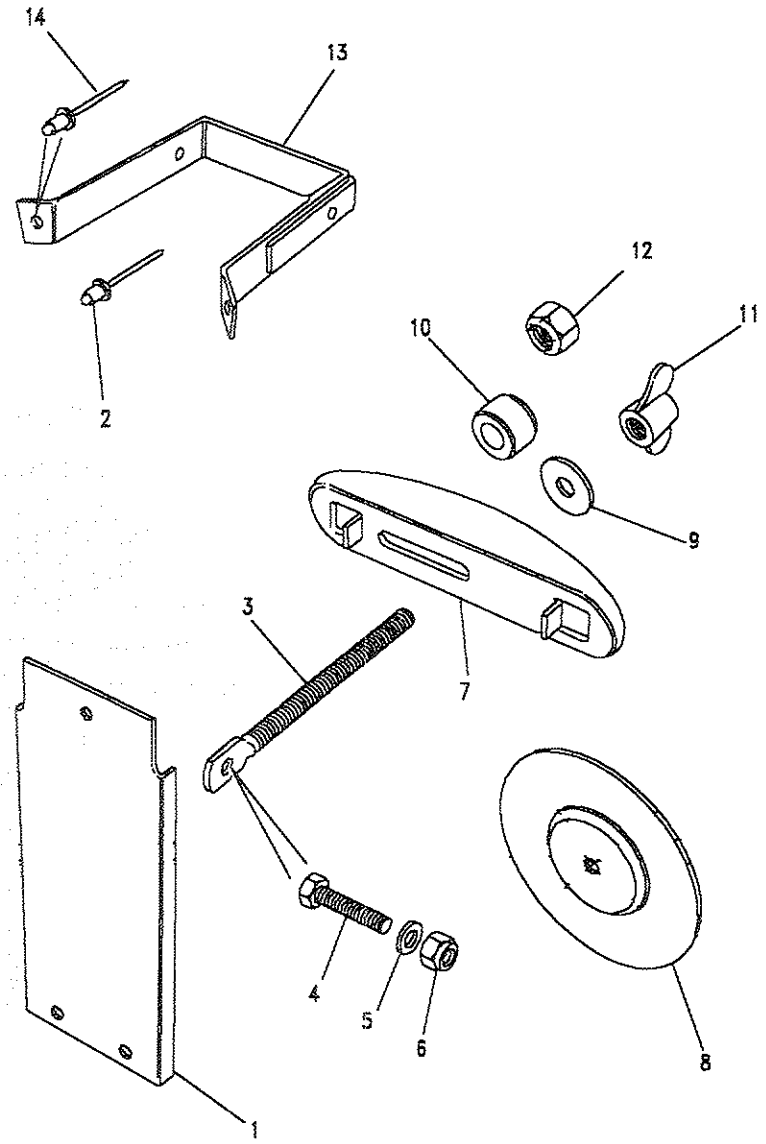
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NTC7955 | Jack side lift | 1 | |
| 2 | NRC6481 | Spanner ratchet | 1 | |
| 3 | NRC7455 | Bag stowage | 1 | |
| 4 | 219704 | Roll tool storage | 1 | |
| 5 | AFU1024L | Pliers | 1 | |
| 6 | NRC1081 | Wrench drain plug | 1 | |
| 7 | 240836 | Screwdriver and feeler | 1 | No longer available |
| 8 | NTC7956 | Jack triple lift | 1 | From VIN FA454476 |
| 9 | 592513 | Shaft jack | 1 | |
| 10 | 592514 | Shaft jack | 1 | |
| 11 | 543301 | Jack handle | 1 | |




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**MISCELLANEOUS - TOOLS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 2705 | Spanner | 1 | 3/16" x 1/4" |
| | 230736 | Spanner | 1 | 5/16" x 7/16" |
| | 276396 | Spanner | 1 | 1/2" x 7/16" |
| | 276397 | Spanner | 1 | 9/16" x 5/8" |
| | 277217 | Spanner | 1 | 11/16" x 3/4" |
| | AFU1004 | Spanner | 1 | 6mm x 8mm |
| | AFU1005 | Spanner | 1 | 10mm x 12mm |
| 2 | MUC4291 | Pliers | 1 | |
| 3 | MUC4275 | Box Spanner | 1 | |
| 4 | 276322 | Spanner plug | 1 | |
| 5 | 276323 | Spanner extension | 1 | |
| 6 | 549840 | Spanner | 1 | DPA 5/16" x 3/8" |
| 7 | 562019 | Gauge tyre pressure | 1 | |
| 8 | NRC6993 | Screwdriver | 1 | |
| 9 | NTC7829 | Wheelbrace | 1 | |
| 10 | 523638 | Pump tyre | 1 | |
| 11 | NTC7937 | Chock roadwheel | 1 | Up to MA941926 |
| | ANR3052 | Chock roadwheel | 1 | From MA941927 |




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## STOWAGE - SPARE WHEEL STOWAGE - INTERIOR

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MUC6332 | Mounting spare wheel | 1 | |
| 2 | RA612237 | Rivet | 3 | |
| 3 | 347866 | Tie bar-3/8"UNF | 1 | Upto VIN FA450153 |
| | MXC5479 | Tie bar-M16 | 1 | From VIN FA450154 |
| 4 | FB106081L | Bolt | 1 | |
| 5 | WC106041L | Washer plain | 2 | |
| 6 | NY106041L | Nut | 1 | |
| 7 | 303847 | Clamp | 1 | Note(1) Upto VIN FA450153 |
| | MXC5477 | Clamp | 1 | Note(1) From VIN FA450154 |
| 8 | 390411 | Clamp disc | 1 | Note(2) Upto VIN FA450153 |
| | MXC5478 | Clamp Disc | 1 | Note(2) From VIN FA450154 |
| 9 | AFU1265 | Washer plain | 1 | Upto VIN FA450153 |
| | WA116101L | Washer plain | 1 | Note(2) From VIN FA450154 |
| 10 | MXC5480 | Spacer | 1 | Note(1) From VIN FA450154 |
| 11 | 250053 | Nut wing-3/8"UNF | 1 | Upto VIN FA450153 |
| 12 | 90577473 | Wheel nut-M16 | 1 | From VIN FA450154 |
| 13 | MUC1649 | Bracket rubbing | 1 | Note(1) |
| | MUC1649 | Bracket rubbing | 2 | Note(2) |
| 14 | RA612237 | Rivet | 2 | Note(1) |
| | RA612237 | Rivet | 4 | Note(2) |

Note(1) Vehicles with Defender wheels
Note(2) Vehicles with Range Rover wheels

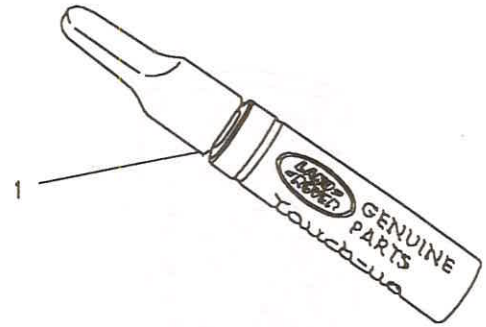
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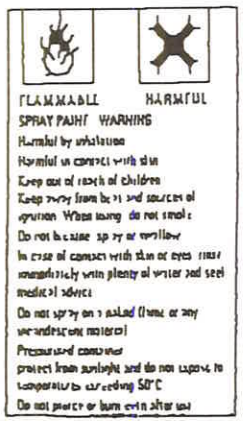
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| CAR CARE | 1032 |
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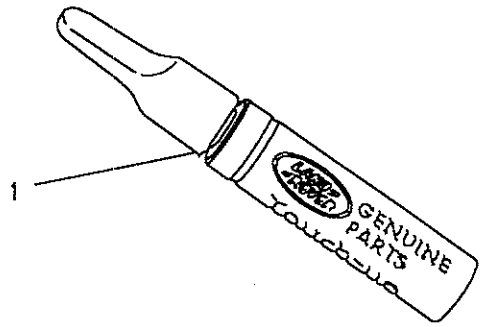


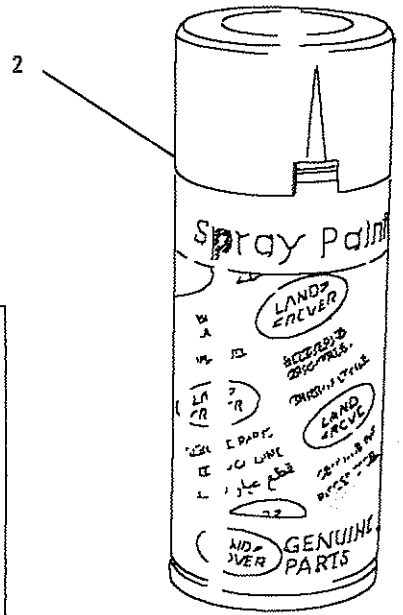


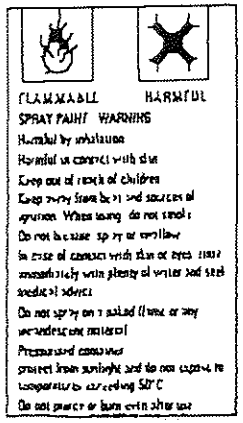

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**Page** ADTXAA1A

**MISCELLANEOUS - PAINT**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Touch Up Pencil** | | | | |
| 1 | RTC4058T | Paint Ivory | 1 | |
| | RTC4032T | Paint Masai Red | 1 | |
| | RTC4035T | Paint Venetian Red | 1 | |
| | RTC4042T | Paint Bronze Green | 1 | |
| | RTC4043T | Paint Marine Blue | 1 | NLS |
| | RTC4044T | Paint Limestone | 1 | NLS |
| | RTC4047T | Paint Trident Green | 1 | NLS |
| | RTC4048T | Paint Roan Brown | 1 | NLS |
| | RTC4049T | Paint Stratos Blue | 1 | |
| | RTC4051T | Paint Arizona Tan | 1 | |
| | RTC4054T | Paint Slate Grey | 1 | |
| | RTC4055T | Paint White Primer | 1 | NLS |
| | RTC4056T | Paint Grey Primer | 1 | NLS |
| | RTC4057T | Paint Red Oxide Primer | 1 | NLS |
| | RTC5727T | Paint Shire Blue | 1 | |
| | RTC5728T | Paint Arrow Red | 1 | |
| | RTC5980T | Paint Arran Beige | 1 | |
| | RTC5981T | Paint Eastnor Green | 1 | |
| | RTC6401T | Paint Pacific Blue | 1 | |
| | RTC6870T | Paint White | 1 | |
| | RTC6869T | Paint Grey | 1 | |
| | RTC5983T | Paint County Red | 1 | |
| | RTC6634T | Paint County Green | 1 | |
| | RTC5979T | Paint County Black | 1 | |
| | STC1349T | Paint Montpellier Red | 1 | |
| | STC1348T | Paint Coniston Green | 1 | |



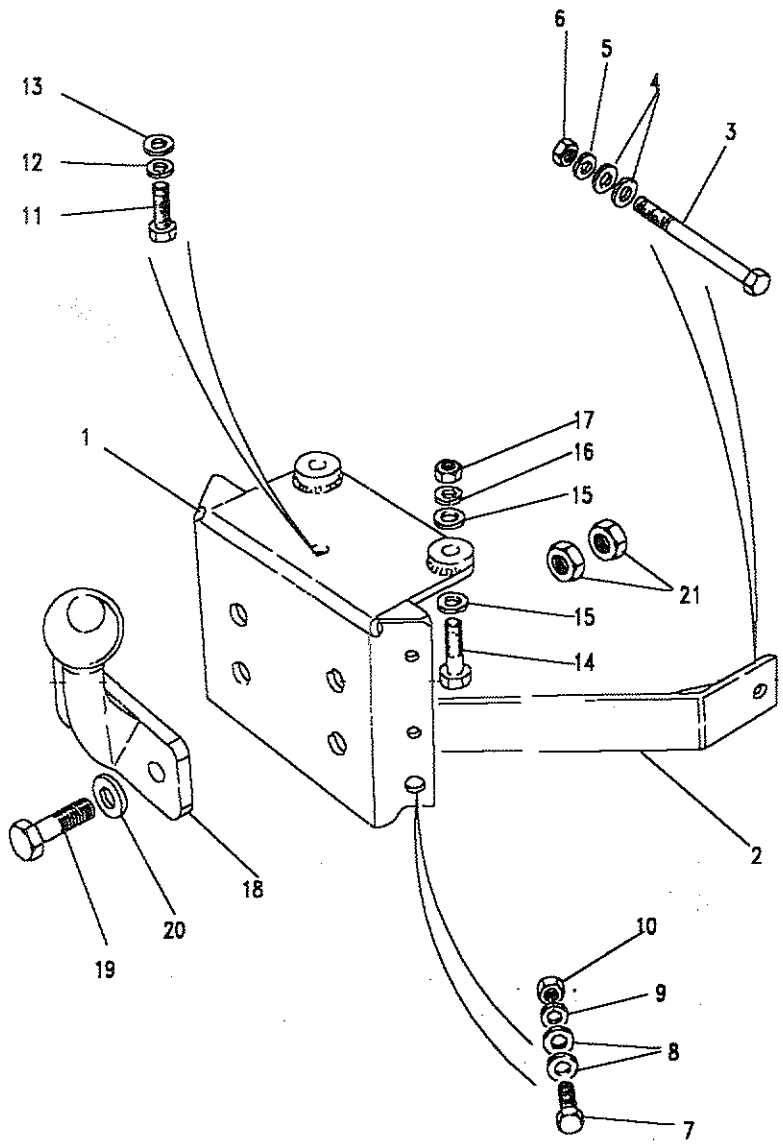




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**Page** ADTXAA1A

## MISCELLANEOUS - PAINT

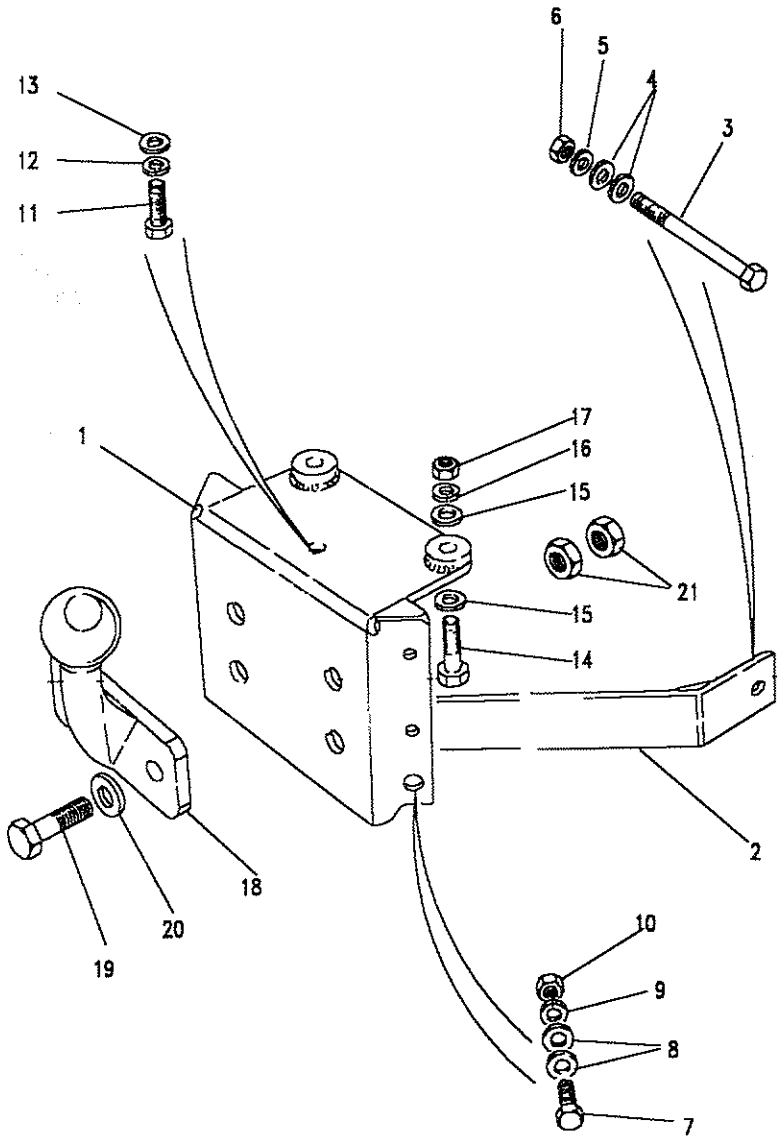
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Aerosol** | | | | |
| 2 | RTC4058A | Paint Ivory | 1 | |
| | RTC4032A | Paint Masai Red | 1 | |
| | RTC4035A | Paint Venetian Red | 1 | |
| | RTC4042A | Paint Bronze Green | 1 | |
| | RTC4043A | Paint Marine Blue | 1 | |
| | RTC4044A | Paint Limestone | 1 | |
| | RTC4047A | Paint Trident Green | 1 | |
| | RTC4048A | Paint Roan Brown | 1 | |
| | RTC4049A | Paint Stratos Blue | 1 | |
| | RTC4051A | Paint Arizona Tan | 1 | |
| | RTC4054A | Paint Slate Grey | 1 | |
| | RTC4055A | Paint White Primer | 1 | |
| | RTC4056A | Paint Grey Primer | 1 | |
| | RTC4057A | Paint Red Oxide Primer | 1 | |
| | RTC5727A | Paint Shire Blue | 1 | |
| | RTC5728A | Paint Arrow Red | 1 | |
| | RTC5980A | Paint Arran Beige | 1 | |
| | RTC5981A | Paint Eastnor Green | 1 | |
| | RTC6401A | Paint Pacific Blue | 1 | |
| | RTC6870A | Paint White | 1 | |
| | RTC6869A | Paint Grey | 1 | |
| | RTC5983A | Paint County Red | 1 | |
| | RTC6634A | Paint County Green | 1 | |
| | RTC5979A | Paint County Black | 1 | |
| | STC1349A | Paint Montpellier Red | 1 | |
| | STC1348A | Paint Coniston Green | 1 | |




**Model** DEFENDER 90
**Page** ADTXCA1A

## OPTIONAL EQUIPMENT - TOWING BALL AND BRACKET

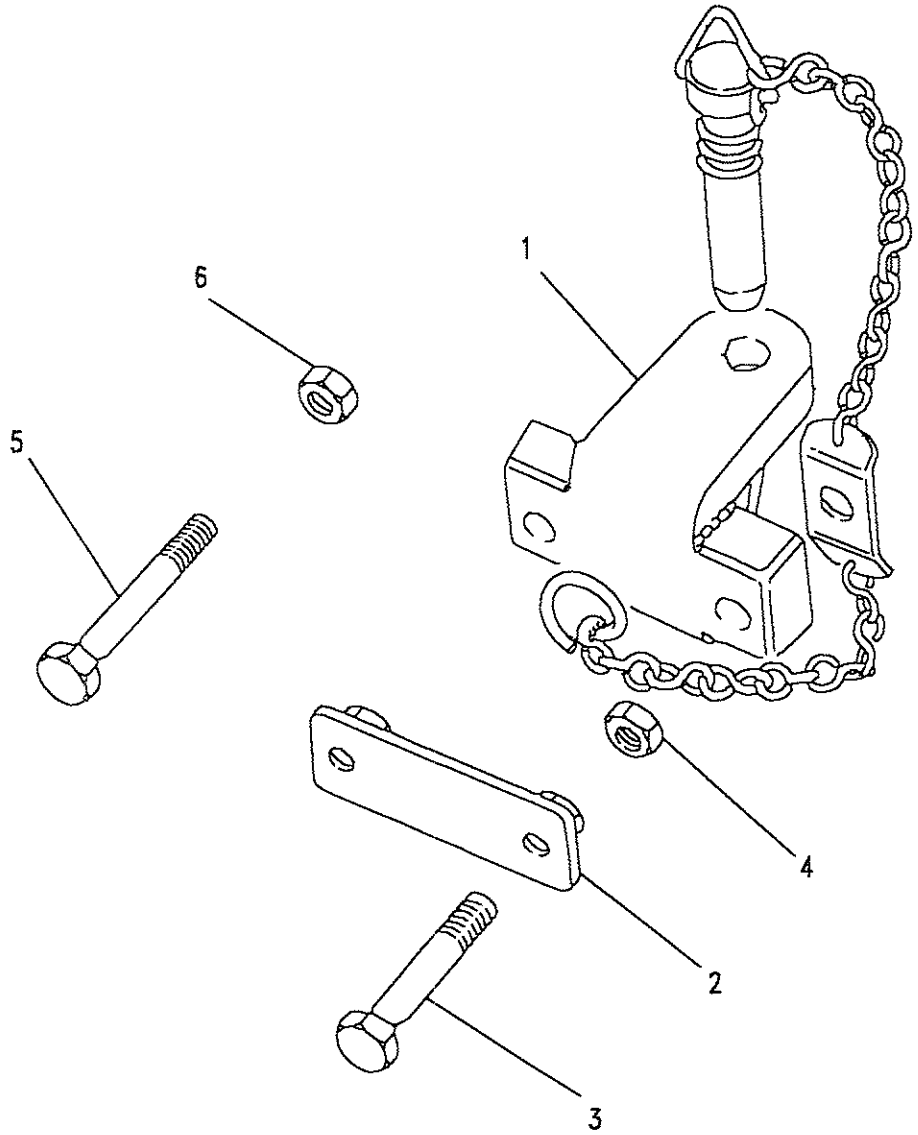
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | NRC8208 | Bracket towing jaw | 1 | |
| 2 | NRC8210 | Tie bar RH | 1 | |
| | NRC8211 | Tie bar LH | 1 | |
| **Fixings - Tie bars to chassis** | | | | |
| 3 | BH110201L | Bolt | 2 | |
| 4 | WA110061L | Washer plain | 4 | |
| 5 | WL110001 | Washer spring | 2 | |
| 6 | NY110041L | Nut | 2 | |
| **Fixings - Tie bars to bracket** | | | | |
| 7 | SH110301 | Screw | 2 | |
| 8 | WA110061L | Washer plain | 4 | |
| 9 | WL110001 | Washer spring | 2 | |
| 10 | NY110041L | Nut | 2 | |
| **Fixings - Bracket to rear crossmember** | | | | |
| 11 | SH110251L | Screw | 1 | |
| 12 | WL110001 | Washer spring | 1 | |
| 13 | WA110061L | Washer plain | 1 | |
| 14 | BH110081L | Bolt | 2 | |
| 15 | WA110061L | Washer plain | 4 | |
| 16 | WL110001 | Washer spring | 2 | |
| 17 | NY110041L | Nut | 2 | |
| 18 | RTC8891 | Ball towing | 1 | Option |




**Model** DEFENDER 90
**Page** ADTXCA1A

**OPTIONAL EQUIPMENT - TOWING BALL AND BRACKET**

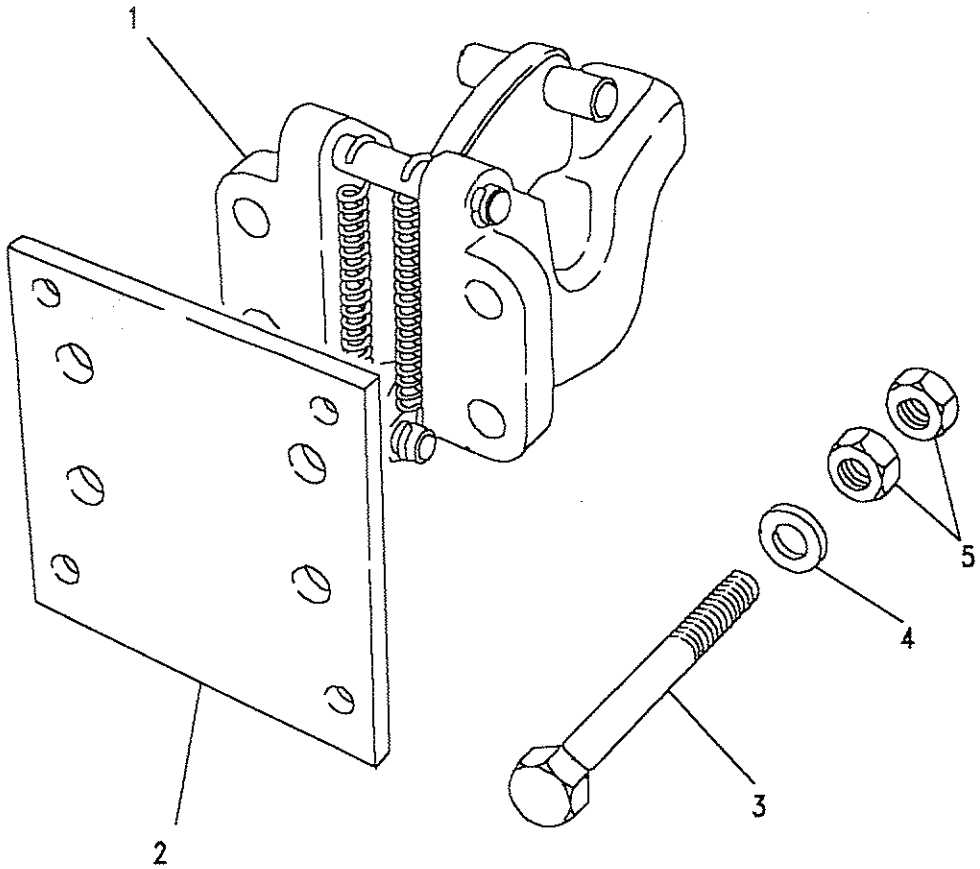
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Fixings - Towing ball to bracket** | | | | |
| 19 | BH116121L | Bolt | 2 | |
| 20 | RTC625 | Washer | 2 | |
| 21 | NY116041L | Nut | 4 | |




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**Page** ADTXCC1A

## OPTIONAL EQUIPMENT - TOWING JAW

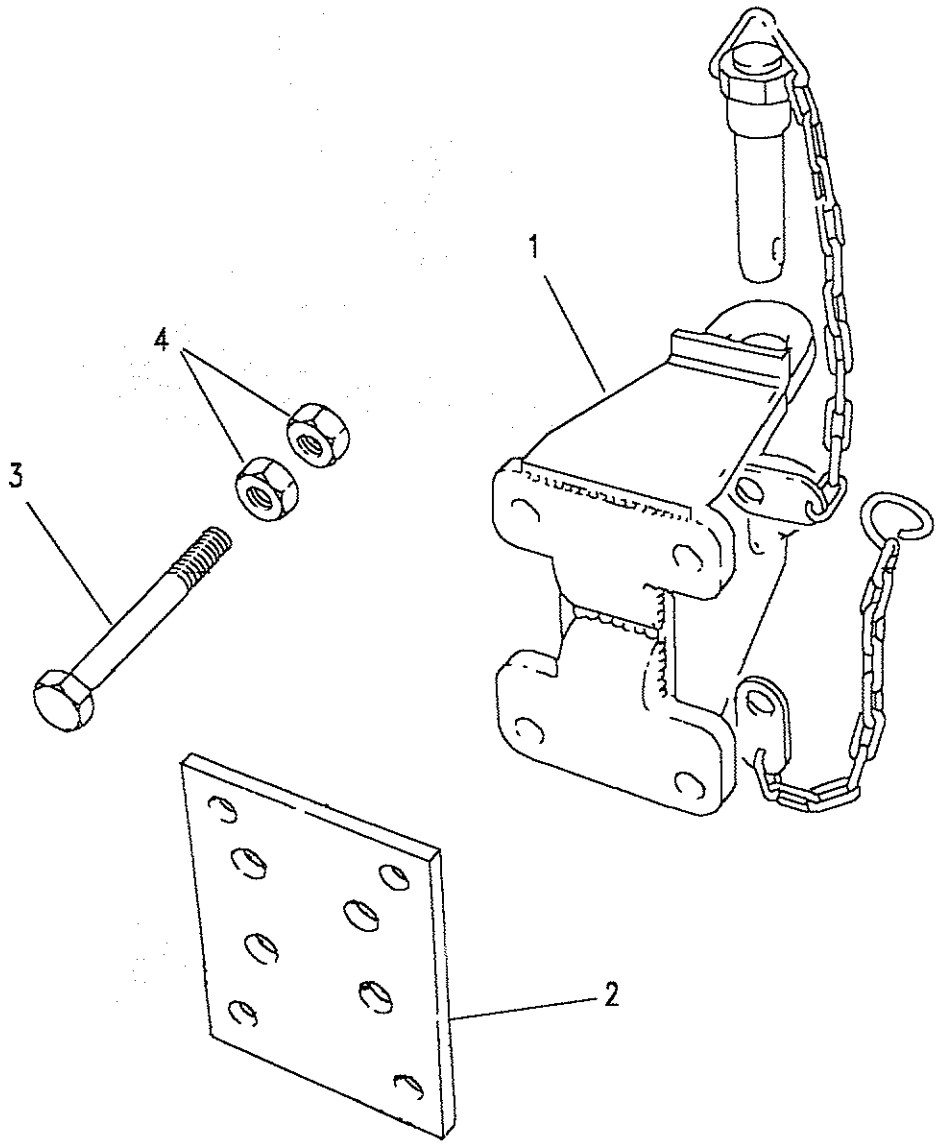
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 559636 | Jaw towing | 1 | |
| **Fixings - Towing jaw to rear crossmember** | | | | |
| 2 | 562756 | Distance piece | 1 | |
| 3 | BH116261 | Bolt | 2 | |
| 4 | NY116041L | Nut | 2 | |
| **Fixings - Towing jaw to bracket** | | | | |
| 5 | BH116161L | Bolt | 2 | |
| 6 | NY116041L | Nut | 4 | |




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**Page** ADTXCE1A

## OPTIONAL EQUIPMENT - TOWING HOOK

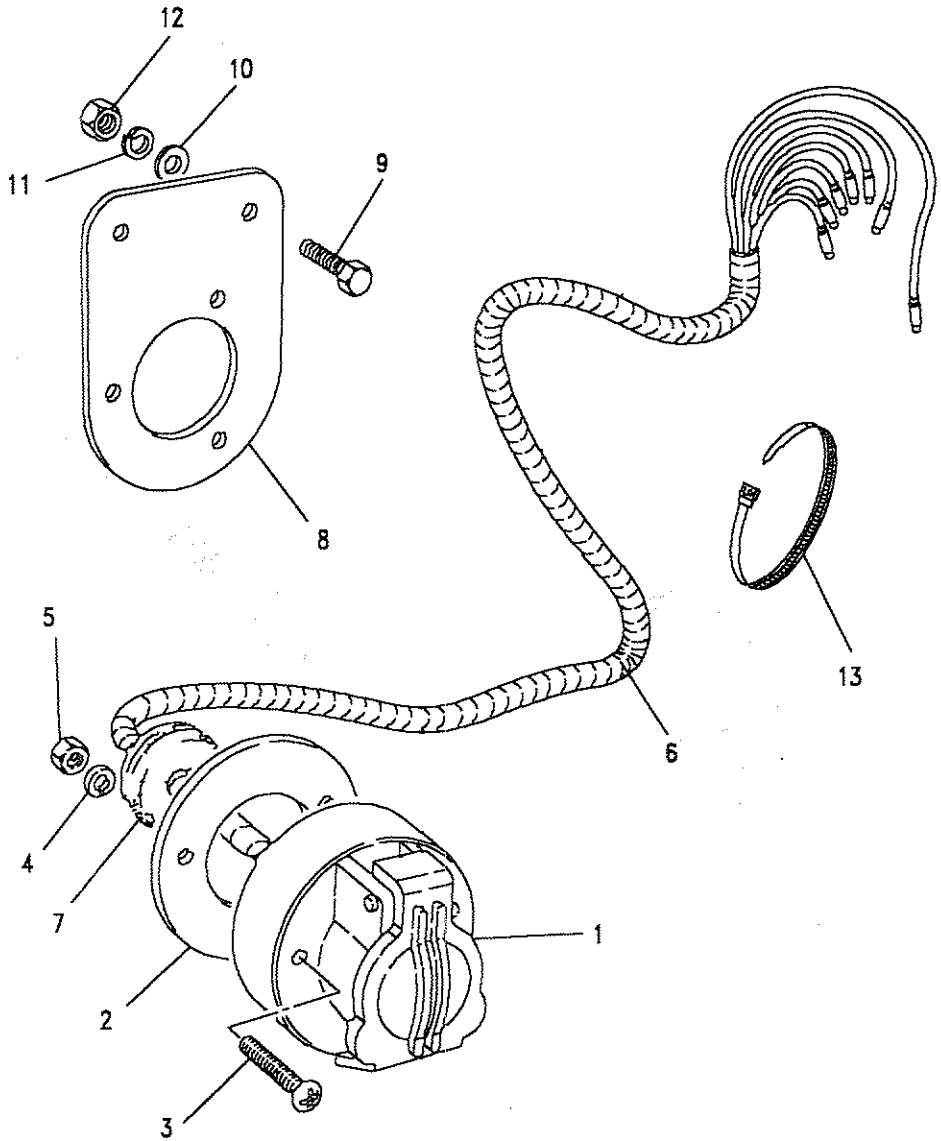
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 246109 | Hook towing | 1 | No longer available |
| 2 | NRC8323 | Stiffener | 1 | |
| **Fixings - Towing hook to crossmember** | | | | |
| 3 | BX112201 | Bolt | 4 | |
| 4 | WA112081L | Washer plain | 4 | |
| 5 | NH112041L | Nut | 8 | |
| **Fixings - Towing hook to drop plate** | | | | |
| | BH112101L | Bolt | 4 | |
| | NH112041L | Nut | 8 | |




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**Page** ADTXCI1A

## OPTIONAL EQUIPMENT - TOWING PINTLE

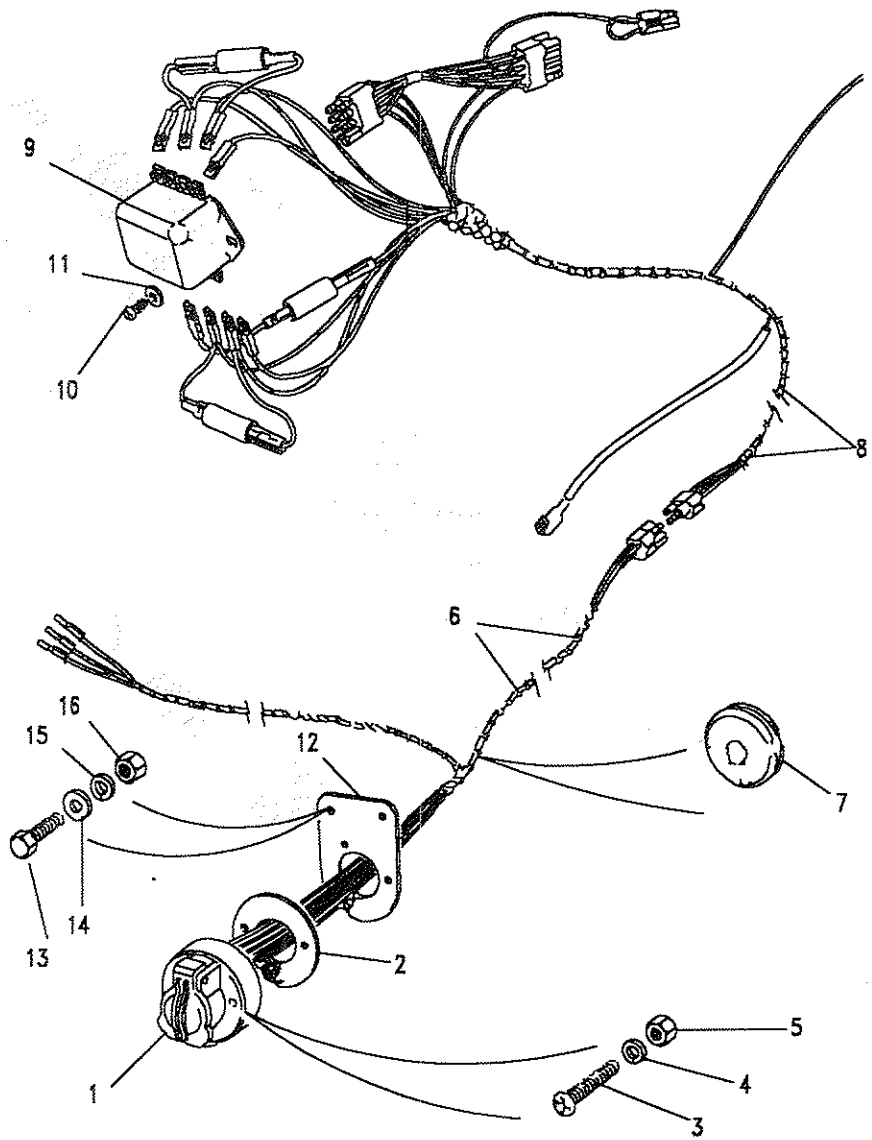
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 535068 | Pintle towing | 1 | |
| 2 | NRC8323 | Stiffener | 1 | |
| **Fixings - Pintle to crossmember** | | | | |
| 3 | BH110181L | Bolt | 4 | |
| 4 | NH110041L | Nut | 8 | |
| **Fixings - Pintle to drop plate** | | | | |
| | BH110081L | Bolt | 4 | |
| | NH110041L | Nut | 8 | |




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**Page** ADTXCK1A

## OPTIONAL EQUIPMENT - TRAILER SOCKET

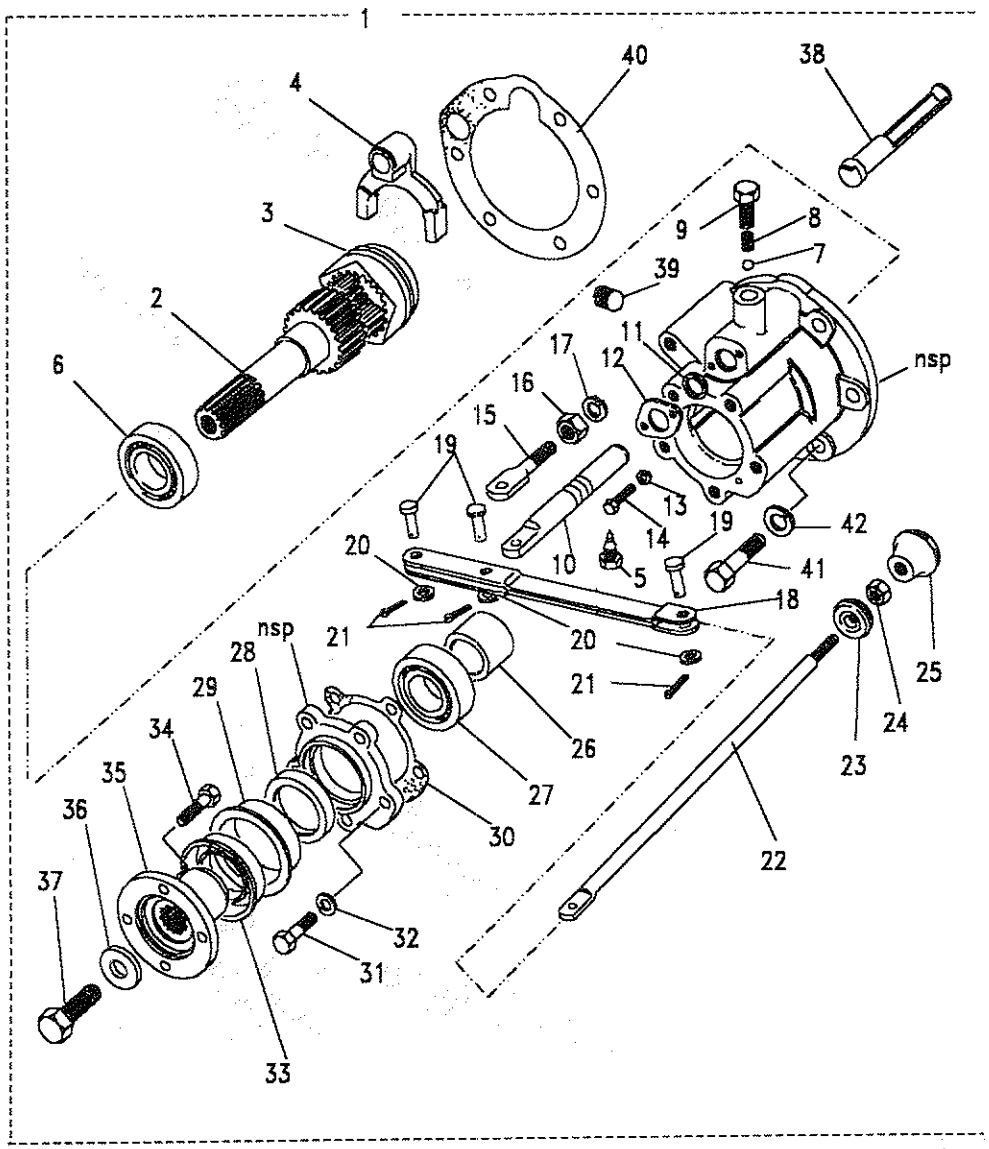
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Except Switzerland** | | | | |
| 1 | 579409 | Socket trailer | 1 | 7 pin |
| | RTC3729 | Socket trailer | 1 | Additional From VIN 283270 |
| 2 | 560553 | Seal | 1 | Upto VIN 283269 |
| | PRC4540 | Seal | 2 | From VIN 283270 |
| 3 | SE105351L | Screw | 6 | |
| 4 | WL105001L | Washer spring | 6 | |
| 5 | NH105041L | Nut | 6 | |
| **UK and Europe** | | | | |
| 6 | PRC2403 | Cable assembly | 1 | Upto VIN 283269 |
| | PRC5357 | Cable assembly | 1 | From VIN 283270 |
| **Rest of World** | | | | |
| 6 | PRC4209 | Cable assembly | 1 | Upto VIN 283269 |
| | PRC5356 | Cable assembly | 1 | From VIN 283270 |
| **When universal tow hitch fitted** | | | | |
| 6 | PRC8131 | Cable assembly | 1 | |
| 7 | PRC2439 | Grommet | 1 | |
| 8 | NRC8048 | Bracket | 2 | |
| 9 | SH106251 | Screw | 4 | |
| 10 | WA106041L | Washer plain | 4 | |
| 11 | WL106001 | Washer spring | 4 | |
| 12 | NH106041L | Nut | 4 | |
| 13 | UKC6684L | Cable tie | 2 | |




**Model** DEFENDER 90
**Page** ADTXCK2A

## OPTIONAL EQUIPMENT - TRAILER SOCKET

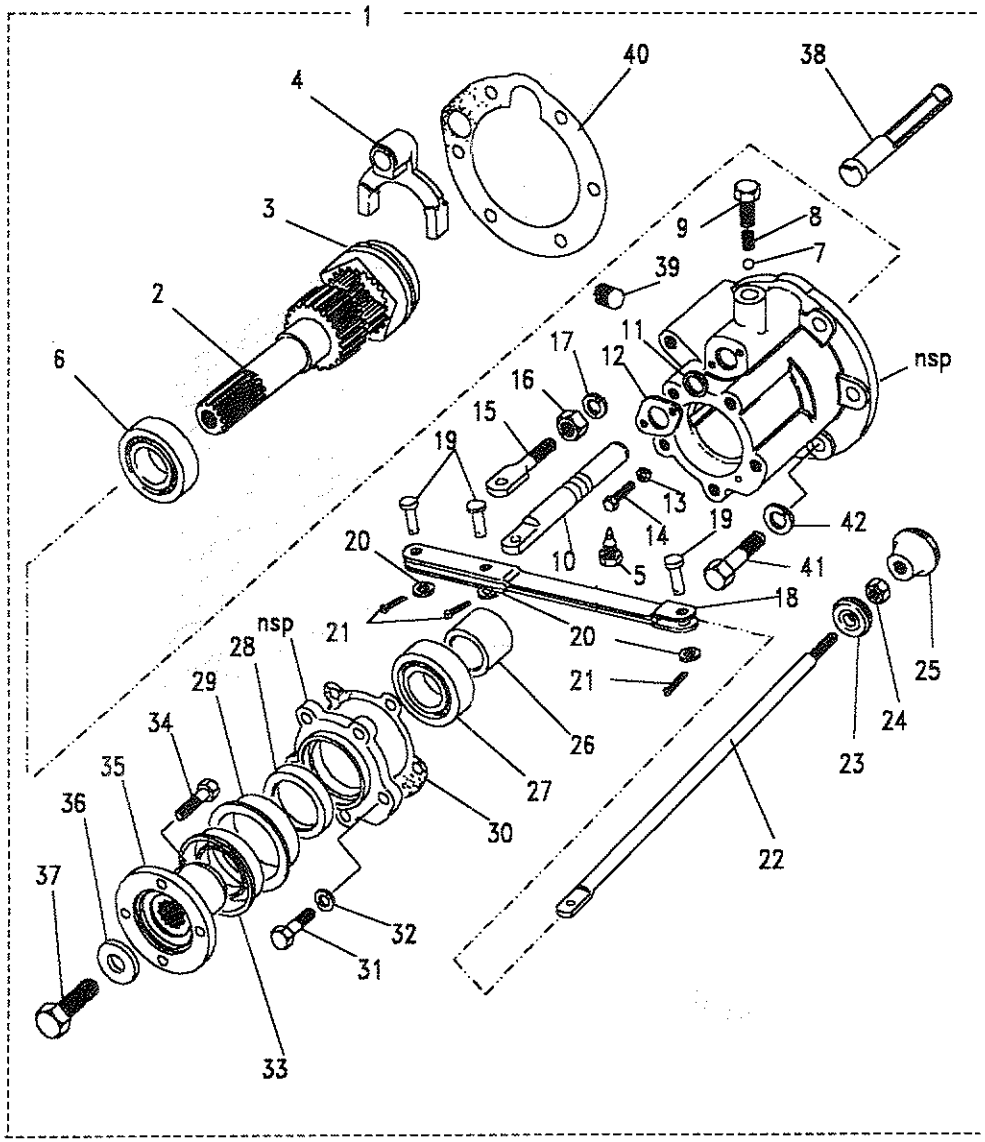
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Switzerland** | | | | |
| 1 | 579409 | Socket trailer | 1 | 7 pin |
| | RTC3729 | Socket trailer | 1 | Additional From 283270 |
| 2 | 560553 | Seal | 1 | Upto 283269 |
| | PRC4540 | Seal | 2 | From 283270 |
| 3 | SE105351L | Screw | 6 | |
| 4 | WL105001L | Washer spring | 6 | |
| 5 | NH105041L | Nut | 6 | |
| 6 | PRC4127 | Cable assembly | 1 | Upto 283269 |
| | PRC5383 | Cable assembly | 1 | From 283270 |
| 7 | PRC2439 | Grommet | 1 | |
| 8 | PRC4151 | Cable dash | 1 | |
| 9 | STC1956 | Relay | 1 | |
| 10 | AB608031 | Screw | 2 | |
| 11 | WA105001 | Washer plain | 2 | |
| 12 | NRC8048 | Bracket | 2 | |
| 13 | SH106251 | Screw | 4 | |
| 14 | WA106041L | Washer plain | 4 | |
| 15 | WL106001 | Washer spring | 4 | |
| 16 | NH106041L | Nut | 4 | |




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## OPTIONAL EQUIPMENT - CENTRE POWER TAKE OFF

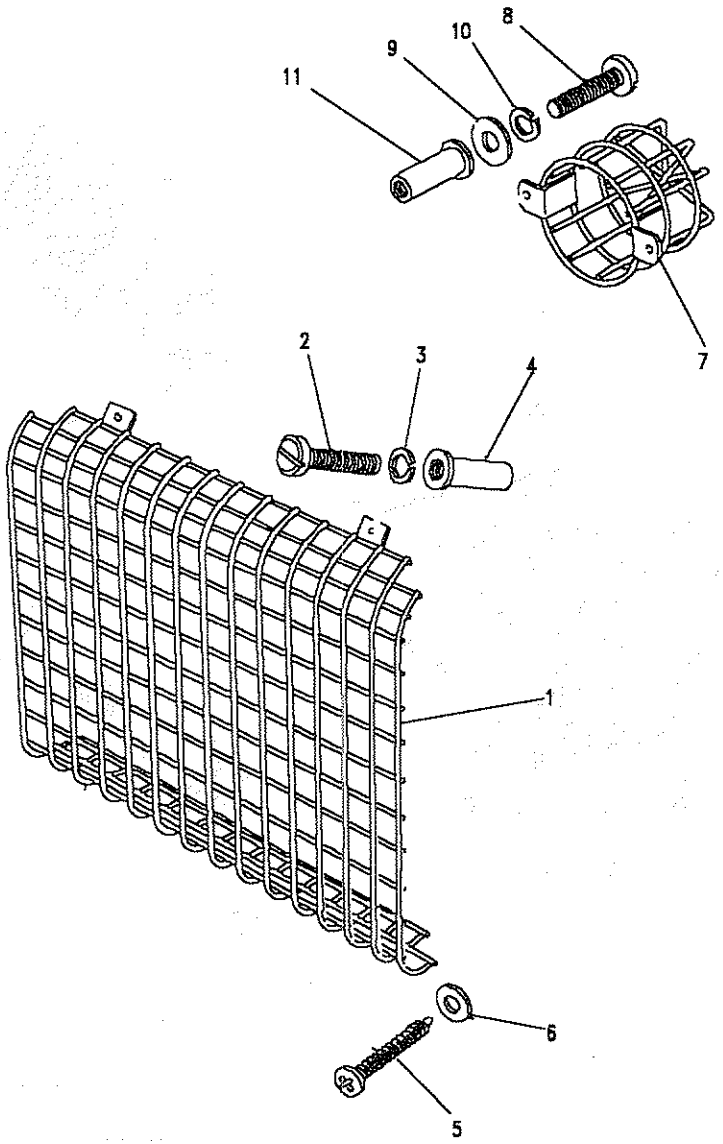
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | FTC988 | Power take off centre | 1 | 4 Cylinder |
| | FRC8541 | Power take off centre | 1 | V8 |
| 2 | FRC5376 | Shaft output | 1 | |
| 3 | FRC5381 | Dog | 1 | |
| 4 | FRC5379 | Fork selector | 1 | |
| 5 | FRC7018 | Screw retaining | 1 | |
| 6 | 217325 | Bearing rear | 1 | |
| 7 | BLS112L | Ball detent | 1 | |
| 8 | NRC255 | Spring detent | 1 | |
| 9 | SH112201 | Screw detent | 1 | |
| 10 | FRC5380 | Shaft selector | 1 | |
| 11 | FRC3477 | O ring | 1 | |
| 12 | FRC5388 | Plate | 1 | |
| 13 | WL106001L | Washer spring | 2 | |
| 14 | SH106141L | Screw | 2 | |
| 15 | 576303 | Pin pivot | 1 | |
| 16 | FN110041L | Nut flanged | 1 | |
| 17 | WM600071L | Washer spring | 1 | |




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**Page** ADTXGA1A

**OPTIONAL EQUIPMENT - CENTRE POWER TAKE OFF**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 18 | FRC5383 | Lever | 1 | |
| 19 | PC106291 | Pin clevis | 3 | |
| 20 | WA106041L | Washer plain | 3 | |
| 21 | PS103121L | Pin split | 3 | |
| 22 | FRC5391 | Rod | 1 | 4 Cylinder |
| | FRC8538 | Rod | 1 | V8 |
| 23 | 508571 | Grommet | 1 | |
| 24 | NT110041L | Lock nut | 1 | |
| 25 | FRC3470 | Knob | 1 | |
| 26 | FRC5385 | Spacer | 1 | |
| 27 | STC1130 | Ball bearing | 1 | |
| 28 | FRC5387 | Seal oil | 1 | |
| 29 | 236548 | Mudguard | 1 | |
| 30 | FRC5386 | Gasket | 1 | |
| 31 | FS108251L | Screw | 5 | |
| 32 | WL108001L | Washer spring | 5 | |
| 33 | 236074 | Mudshield | 1 | |
| 34 | 509045P | Bolt | 4 | |
| 35 | FRC5378 | Flange | 1 | |
| 36 | 571174 | Washer | 1 | |
| 37 | SH116301 | Screw | 1 | |
| 38 | FRC6933 | Catcher oil | 1 | |
| 39 | SK110101 | Screw | 1 | No longer available |
| 40 | FRC5389 | Joint Washer | 1 | |
| 41 | BH110091L | Bolt | 6 | |
| 42 | WL110001L | Washer spring | 6 | |

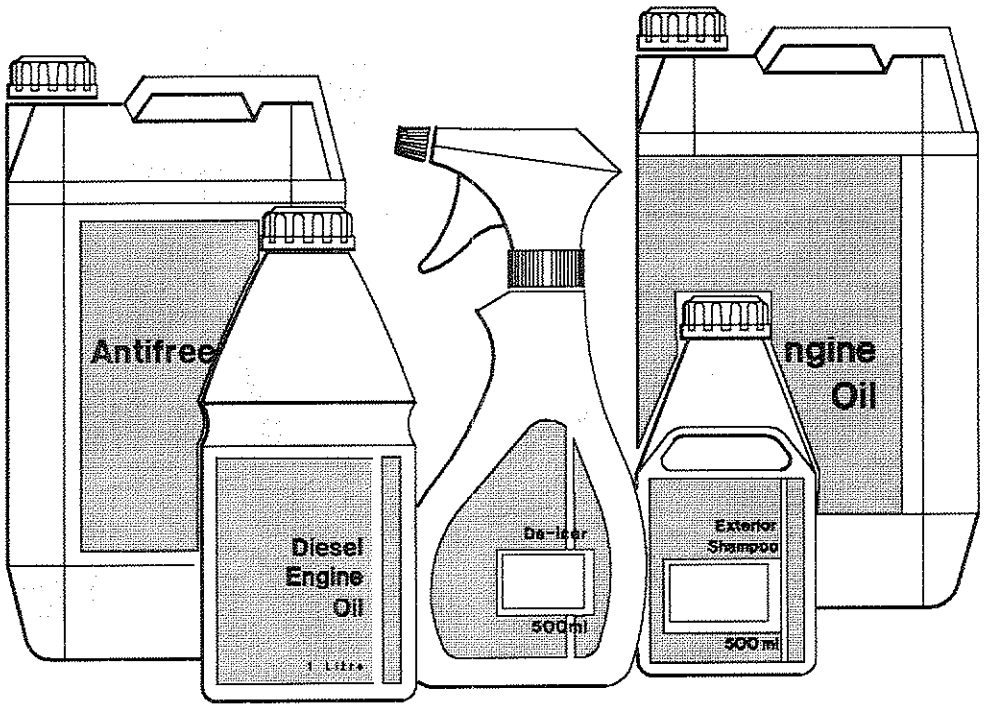



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## OPTIONAL EQUIPMENT - LAMP GUARDS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | 345985 | Guard lamp front | 2 | |
| 2 | 78384 | Screw | 4 | |
| 3 | WL700101L | Washer spring | 4 | |
| 4 | AFU1876 | Rivnut | 4 | |
| 5 | AB608047L | Screw | 4 | |
| 6 | WC702101L | Washer plain | 4 | |
| 7 | RTC8064 | Kit guard lamp rear | 1 | Note (1) |
| 8 | 78384 | Screw | 4 | |
| 9 | WC702101L | Washer plain | 4 | |
| 10 | WL700101L | Washer spring | 4 | |
| 11 | AFU1876 | Rivnut | 4 | |

Note(1) Two kits required per vehicle

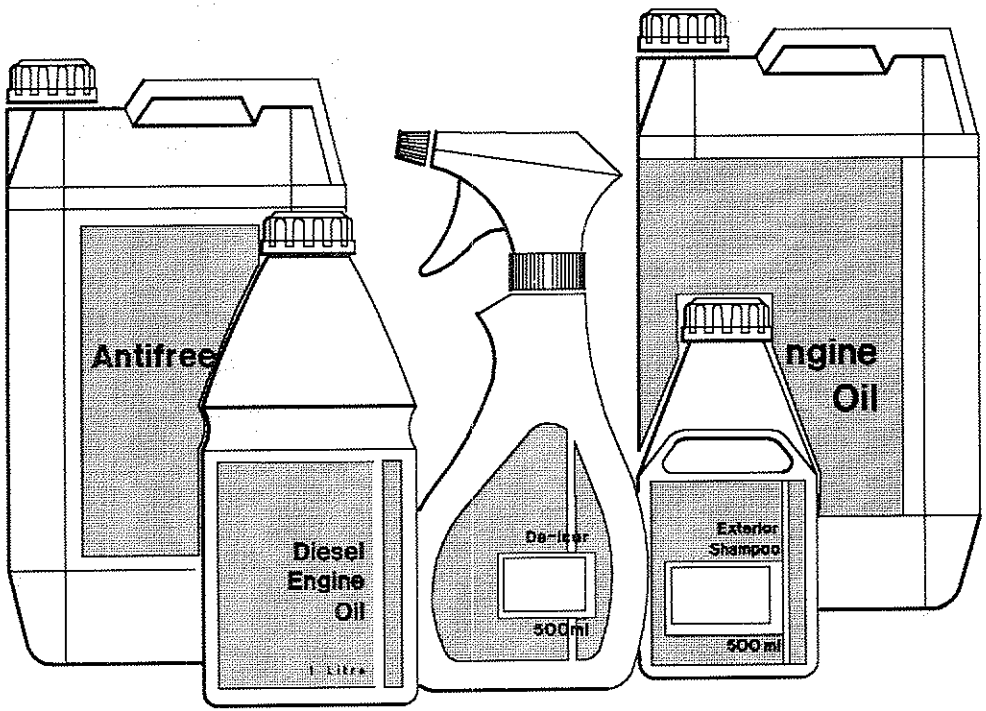



**Model** DEFENDER 90
**Page** ADTXLG1A

**MISCELLANEOUS - LUBRICANTS**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Lubricants - UK only** | | | | |
| | STC8257 | Oil engine 1 litre | A/R | SHPD |
| | STC8256 | Oil engine 5 litres | A/R | SHPD |
| | STC8255 | Oil engine 1 litre | A/R | 15W40 |
| | STC8254 | Oil engine 5 litres | A/R | 15W40 |
| | STC8259 | Oil gear | A/R | EP90 |
| | STC8261 | Fluid auto trans | A/R | Dextron 11 |
| | STC8263 | Fluid auto trans | A/R | Type G |
| **Brake fluid - UK only** | | | | |
| | STC8292 | Brake fluid | A/R | |
| **Anti-freeze** | | | | |
| | RTC5782A | Anti-freeze 205 litres | A/R | |
| | RTC5781A | Anti-freeze 5 litres | A/R | |
| | RTC5779A | Anti-freeze 1 litre | A/R | |
| **Product guide** | | | | |
| | STC8352 | Product guide | A/R | |

Note(1) Not available in all territories
Note(2) For application details see Product guide STC8352

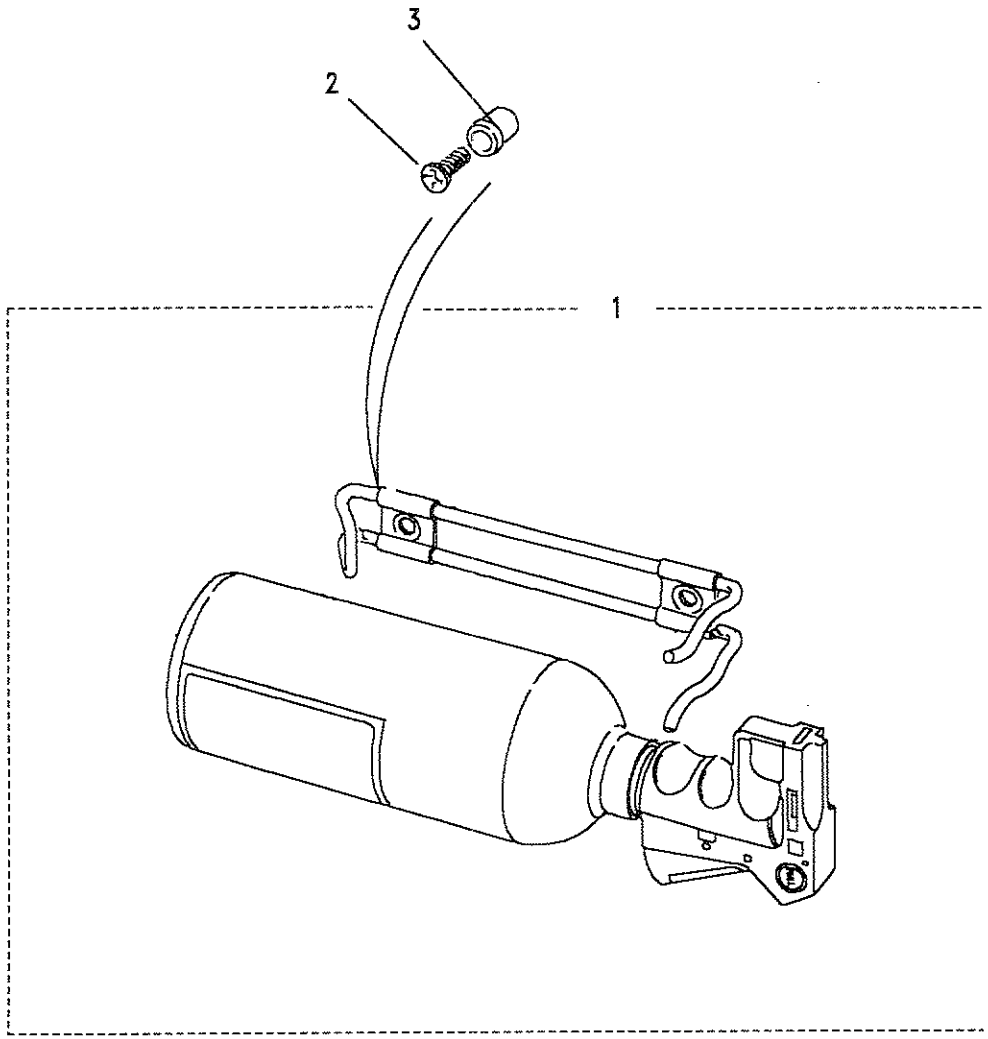



**Model** DEFENDER 90
**Page** ADTXLG1A

**MISCELLANEOUS - CAR CARE**

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Europe only** | | | | |
| | STC8249 | Screenwash | A/R | 1 Bottle |
| | STC717 | De icer | A/R | 500ml trigger |
| | STC718 | Alloy wheel cleaner | A/R | 500ml trigger |
| | STC719 | Glass cleaner | A/R | 500ml trigger |
| | STC721 | Black bumper cleaner | A/R | 500ml bottle |
| | STC722 | Shampoo | A/R | 500ml bottle |
| | STC723 | Polish wax | A/R | 500ml bottle |

Note(1) Not available in all territories




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**Page** ADTXMA1A

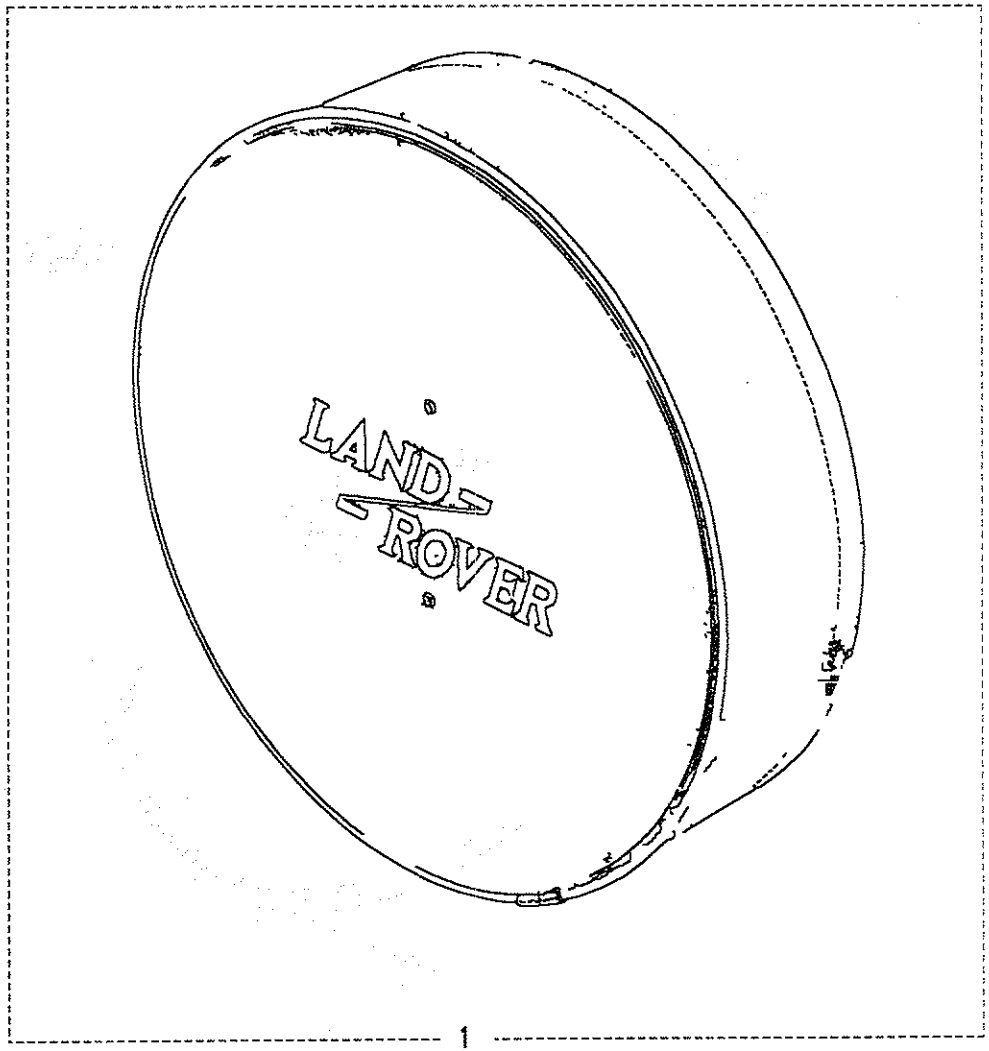
## OPTIONAL EQUIPMENT - FIRE EXTINGUISHER

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | MRC7350 | Extinguisher fire with bracket | 1 | Upto KA922469 |
| 2 | SF106161L | Screw | 2 | |
| 3 | MM106301L | Rivnut | 2 | |
| 1 | STC8529 | Extinguisher c/w brkt | 1 | From KA922470 |
| 2 | SF105201 | Screw | 2 | |
| 3 | NN105021L | Rivnut | 2 | |

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**Page** ADTXMA1B

## ACCESSORIES - SEAT COVERS

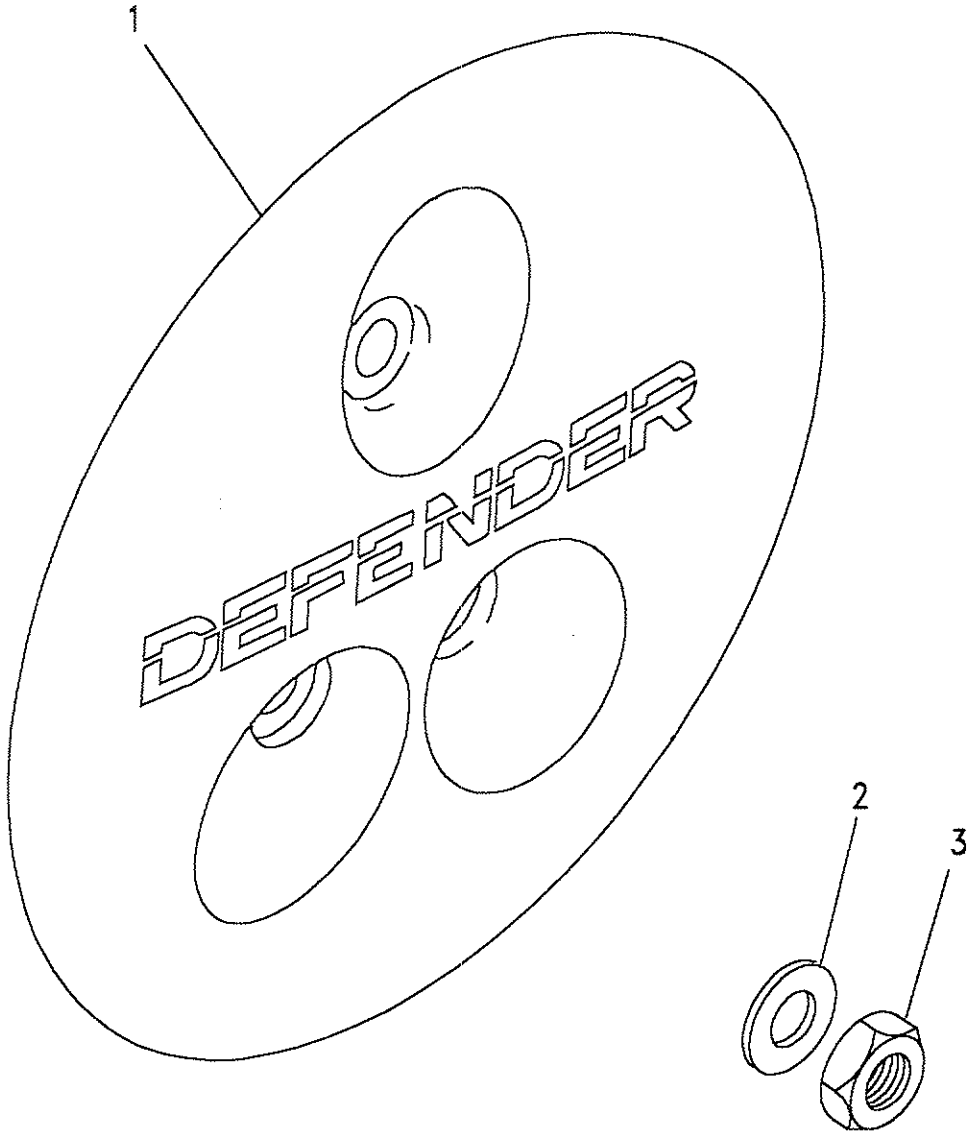
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | STC8178 | Seat covers | 1 | |




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**Page** ADTXPA1A

## OPTIONAL EQUIPMENT - SPARE WHEEL COVER

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **Upto FA414686** | | | | |
| **Optional** | | | | |
| 1 | MRC7365 | Cover spare wheel | 1 | 750 x 16<br>No longer available<br>Use MXC6407<br>See ADTXPA2A |
| | MTC7993 | Cover spare wheel | 1 | 205 600 x 16 |
| **Germany** | | | | |
| 1 | MUC4161 | Cover spare wheel | 1 | 750 x 16 |
| | MUC3628 | Cover spare wheel | 1 | 205 600 x 16 |




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**Page** ADTXPA4A

## OPTIONAL EQUIPMENT - SPARE WHEEL COVER

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| **From JA906581** | | | | |
| 1 | BTR2129NUC | Cover spare wheel | 1 | |
| 2 | MXC7335 | Washer plastic | 3 | |
| 3 | MXC7887 | Nut M16 | 3 | |

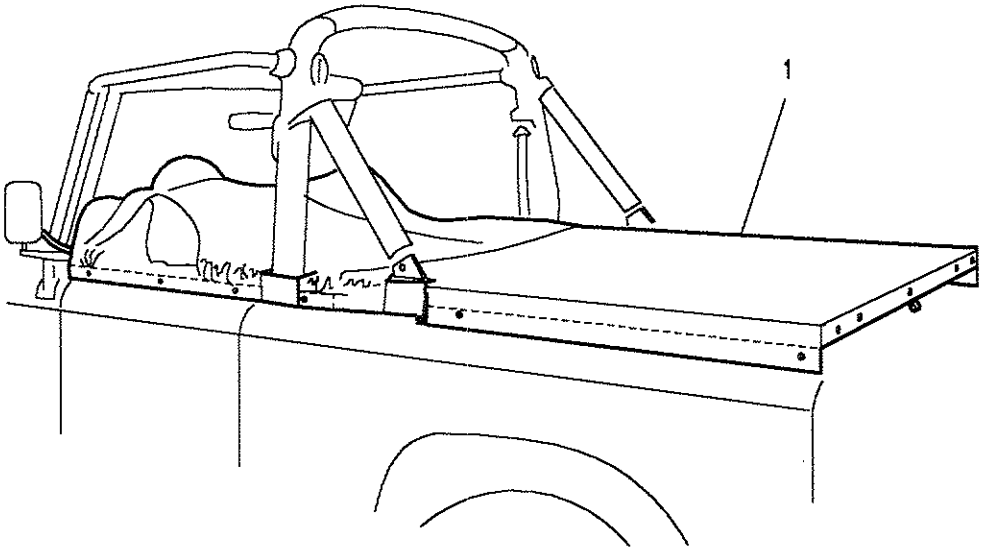
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**Page** ADTXPA5A

**OPTIONAL EQUIPMENT -**

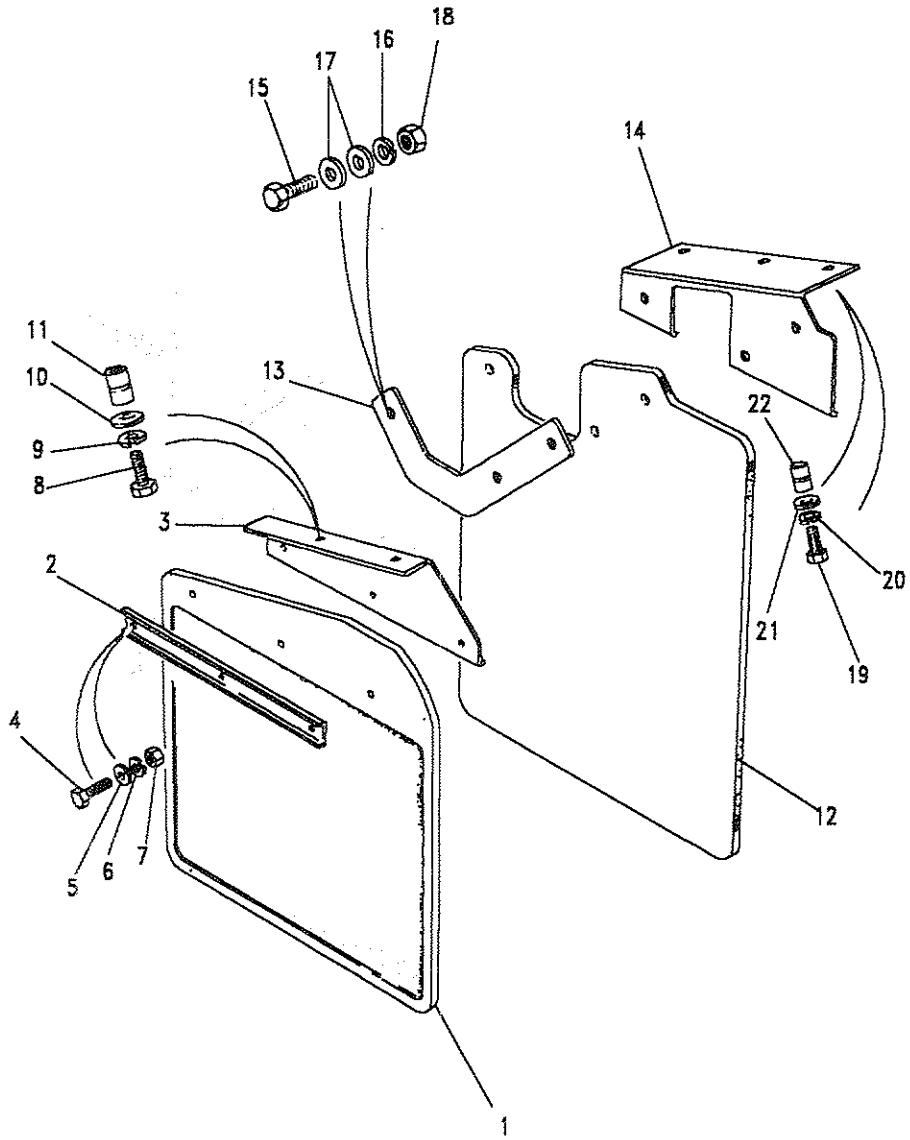
| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| | STC8112 | Covers wheel nut | | |
| | STC8124 | Kit gun box fixing | | |
| | STC8438 | Side runner-twin tube | | |

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**Page** ADTXPA6A

## OPTIONAL EQUIPMENT - TONNEAU COVER - 90SV



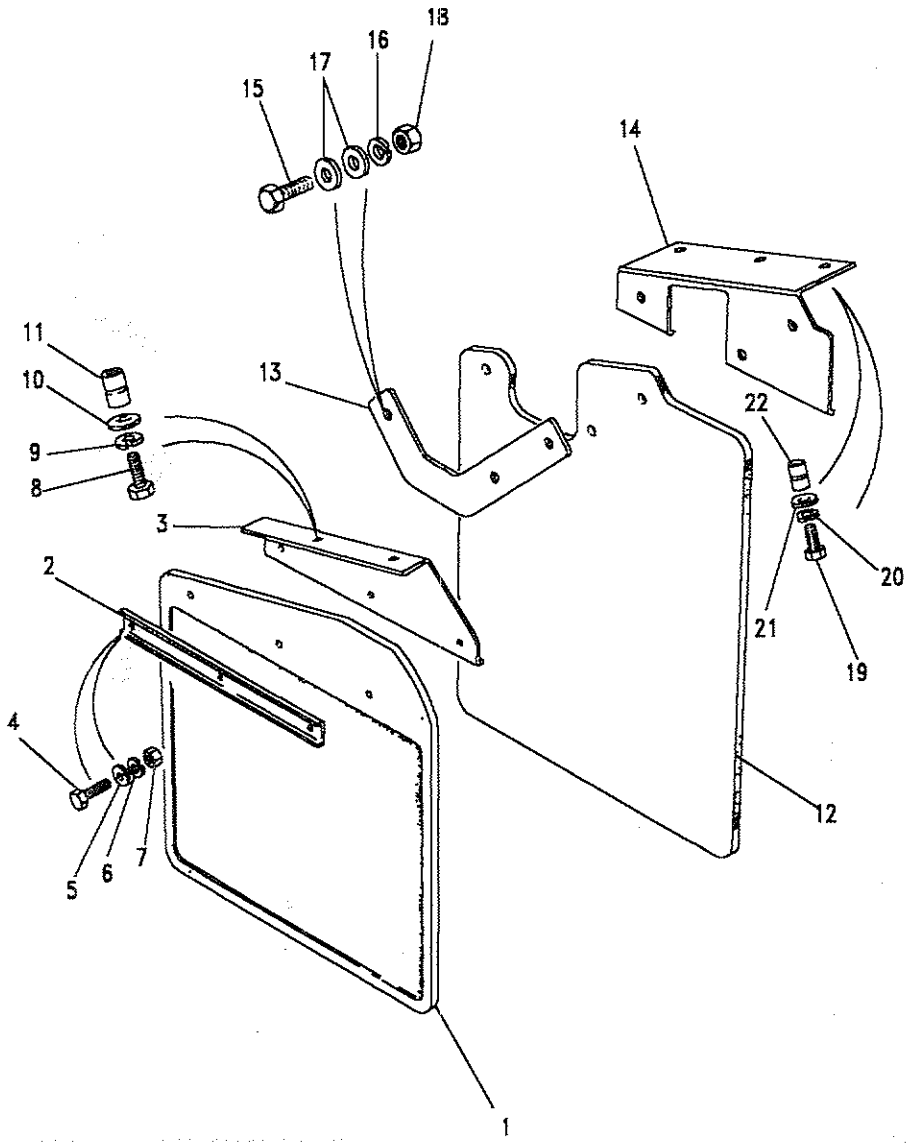

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | BTR8691 | Cover tonneau assembly | 1 | |




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**Page** ADTXSA1A

## OPTIONAL EQUIPMENT - MUDFLAPS

| Ill. | Part No. | Description | Qty | Remarks |
|---|---|---|---|---|
| 1 | RTC4685 | Mudflap pair front | 1 | |
| 2 | MTC3874 | Stiffener | 2 | |
| 3 | MTC3000 | Bracket mounting RH | 1 | |
| | MTC3001 | Bracket mounting LH | 1 | |
| 4 | SH106251L | Screw | 6 | |
| 5 | WA106041L | Washer plain | 6 | |
| 6 | WL106001L | Washer spring | 6 | |
| 7 | NH106041L | Nut | 6 | |
| 8 | FS106201L | Flange screw | 4 | |
| 9 | WL106001L | Washer spring | 4 | |
| 10 | WA106041L | Washer plain | 4 | |
| 11 | NN106021 | Nutsert | 4 | |
| **All Vehicles** | | | | |
| 12 | MUC2344 | Mudflap rear RH | 1 | Upto FA414686 |
| | MXC6412 | Mudflap rear RH | 1 | From FA414687 |
| **Soft Top Vehicles** | | | | |
| 12 | MUC2345 | Mudflap rear LH | 1 | Upto 232010 |
| | MUC3990 | Mudflap rear LH | 1 | From 232011 Upto FA414686 |
| | MXC6413 | Mudflap rear LH | 1 | From FA414687 |
| **Hard Top and Station Wagon Vehicles** | | | | |
| 12 | MUC2345 | Mudflap rear LH | 1 | Upto 253494 |
| | MUC3990 | Mudflap rear LH | 1 | From 253495 Upto FA414686 |
| | MXC6413 | Mudflap rear LH | 1 | From FA414687 |
| 13 | MUC1512 | Washer Plate | 2 | |
| **Soft Top Vehicles** | | | | |
| 14 | MUC3984 | Bracket mounting RH | 1 | Upto 232010 |
| | MUC3985 | Bracket mounting LH | 1 | Upto 232010 |
| | MUC3986 | Bracket mounting RH | 1 | From 232011 |
| | MUC3987 | Bracket mounting LH | 1 | From 232011 |




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**Page** ADTXSA1A

## OPTIONAL EQUIPMENT - MUDFLAPS

| Ill. | Part No. | Description | Qty | Remarks |
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| 14 | MUC3984 | Bracket mounting RH | 1 | Upto 253494 |
| | MUC3985 | Bracket mounting LH | 1 | Upto 253494 |
| | MUC3986 | Bracket mounting RH | 1 | From 253495 |
| | MUC3987 | Bracket mounting LH | 1 | From 253495 |
| 15 | SH106251L | Screw | 6 | |
| 16 | WL106001L | Washer spring | 6 | |
| 17 | WA106041L | Washer plain | 12 | |
| 18 | NH106041L | Nut | 6 | |
| 19 | FS106201L | Flange screw | 6 | |
| 20 | WL106001L | Washer spring | 6 | |
| 21 | WA106041L | Washer plain | 6 | |
| 22 | NN106021 | Nutsert | 6 | |
| **Germany** | | | | |
| | MTC7513 | Strip edge | A/R | |

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| CCN110L | 489 | CN100208L | 40 | CN100308L | 672 | CP105061 | 751 | CRC2135 | 584 | CUD2788L | 331 |
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| FTC3863 | 516 | FTC3891 | 507 | FTC4036 | 424 | FTC4189 | 446 | FTC56 | 496 | FTC742 | 441 |
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| FTC3865 | 516 | FTC3895 | 485 | FTC4036 | 471 | FTC4206 | 404 | FTC575 | 261 | FTC744 | 441 |
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| FTC3867 | 514 | FTC3911 | 398 | FTC4037 | 449 | FTC4238 | 405 | FTC576 | 261 | FTC744 | 466 |
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| FTC3869 | 485 | FTC3915 | 411 | FTC4053 | 404 | FTC4242 | 408 | FTC726 | 443 | FTC746 | 443 |
| FTC3869 | 507 | FTC3921 | 402 | FTC4056 | 400 | FTC4245 | 408 | FTC726 | 466 | FTC746 | 466 |
| FTC3871 | 485 | FTC3922 | 402 | FTC4095 | 452 | FTC4296 | 401 | FTC728 | 441 | FTC748 | 441 |
| FTC3871 | 507 | FTC3927 | 405 | FTC4108 | 400 | FTC4298 | 401 | FTC728 | 443 | FTC748 | 443 |
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| FTC762 | 443 | FTC859 | 499 | HN2005L | 338 | MRC1980 | 841 | MRC5525 | 967 | MRC7365 | 1035 |
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| FTC764 | 466 | FTC916 | 383 | JPC9023PMA | 853 | MRC2178 | 838 | MRC5527 | 804 | MRC7626 | 1004 |
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| FTC770 | 443 | FTP8030 | 665 | JZX1181L | 331 | MRC4619 | 910 | MRC5528 | 862 | MRC8329 | 1002 |
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| FTC785 | 504 | GS110501 | 411 | MRC1300 | 801 | MRC5525 | 811 | MRC7281 | 718 | MRC8524 | 1005 |
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| FTC785R | 504 | HAM4301L | 739 | MRC1525 | 718 | MRC5525 | 846 | MRC7283 | 930 | MRC8564 | 785 |
| FTC785R | 506 | HN2005L | 304 | MRC1979 | 909 | MRC5525 | 856 | MRC7350 | 1033 | MRC8564 | 786 |

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