

RANGE ROVER



Repair Operation Times

Reparatietijden

Temps de réparation

Reparaturzeiten

**Tempi delle operazioni
di riparazione**

**Tiempos para los trabajos
de reparación**

**Tempos de operações
de reparação**





RANGE ROVER CLASSIC

REPAIR OPERATION

TIMES

AND

WARRANTY CODES

1995 MODEL YEAR ONWARDS

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INTRODUCTION

The time allowances given in this manual are the result of careful analysis of the repair operations covered. They reflect the time that a skilled technician, working in an efficiently run Dealership, should take to perform the operation. The times are calculated to the procedures laid down in the relevant Repair Manual, using standard and special tools or equipment as applicable. Although specialist skills are not required to complete an operation within the published time, product knowledge and training is a requirement. Where applicable the times have been rationalised to reflect the longest time taken to perform an operation on any derivative in a particular model range. In addition, the times include generous allowances to cover the following;

- * Time taken in performing preparatory tasks, e.g. opening and closing bonnet, fitting and removing wing covers, the use of jacks and lifts, draining and refilling fluids and cleaning where necessary.
- * Time taken to receive work instructions, evaluate the operation, obtain and return special tools, collect parts, perform final quality checks and carry out associated clerical work.
- * Time taken to change over and adjust ancillary equipment displaced during the operation.

Times allowance **DO NOT** include

- * Time taken freeing seized parts.
- * Time taken removing rusted or broken fixings.
- * Time taken removing extras of special fitments.
- * Inaccessibility through damage allowance.

VEHICLE MOVEMENT

A single allowance for the first operation only may be used and should be identified by the use of operation number 02.02.02 and include the complaint code for the first repair operation.

Exclusions to the use of this allowance;

- * Non scheduled repair operations.
- * Maintenance or vehicles already in the workshop for maintenance or retail operations.

EXAMPLE

12.29.10 + 54.10.20 + 76.58.02 + one vehicle movement allowance 02.02.02. against firsts repair *

12.29.10 + 12.29.00 + one vehicle movement allowance 02.02.02.*

12.29.00 + one vehicle movement allowance 02.02.02.*

10.10.24 + 12.29.10 + one vehicle movement allowance 02.02.02*

DIAGNOSTIC ROUTINES

All repair times contain an element for diagnosis, but where it is essential to use specialist diagnostic equipment, specific diagnostic allowances are given at the end of each section. The defined routines to which these allowances apply are included in the relevant instructions or Repair Manual.

Diagnostic allowances should be used once only, irrespective of the number of faulty components involved. The allowance for renewing the faulty component can be claimed alongside the diagnostic allowance.

DEFINITIONS

- * The operation "Renew" refers to the removal and replacement of components in the condition they are supplied
- * Times given for "Overhaul" operations include removal, renewal and adjustment of parts and subsequent refitting.
- * The term "Remove for Access and Refit" refers to an assembly in the state which it can be most efficiently removed to give access to components located beneath the assembly. e.g. The removal of a door trim pad during diagnosis and rectification of a rattle.
- * The term "Set" applies to the complete car set of components unless otherwise defined.

TIMES

The time allowances are given in decimal hours and, unless otherwise stated, apply to all fitment conditions, i.e. front/rear, upper/lower and left/right.

WARRANTY CLAIMS PROCEDURE

SCHEDULED REPAIR OPERATIONS

Published SRO's must be quoted.

Each operation in this manual is identified by a six digit Scheduled Repair Operation (SRO) number. The operation number comprises six digits arranged in three pairs. The first pair indicated the major assemblies, the second pair identifies the component and the third pair can either relate to the operation concerned or provide a more accurate definition of the part involved.

EXAMPLE

12.29.11 Cylinder Head Renew

- 12.** First digit pair (major assembly) - engine
- 29.** Second digit pair (component) - cylinder head
- 11.** Third digit pair (operation) - renew

In certain instances, operation numbers with an additional pair of digits are used. These can refer to jobs that can be performed in conjunction with other related repairs or where the fitment of optional equipment affects repair procedures.

ILLUSTRATIONS

Where components are illustrated, they are identified by the applicable SRO number e.g. 12.13.01.

TIME ALLOWANCES

For warranty purposes the times listed include all work elements, including diagnosis. Specific repair operations can be claimed once only in any given submission on a particular vehicle.

WARRANTY COMPLAINT CODES

For your convenience, warranty complaint codes are shown against the relevant time allowance.

WARRANTY CLAIMS

When making warranty claims, select the warranty code for the part which caused the malfunction (causal part) and the SRO for the operation to correct it. In some instances, additional consequential work may be required. If so, select the appropriate SRO and add to the claim.

EXAMPLE

Camshaft seizure due to oil filter failure.

Use warranty complaint code 2A6 - oil filter

Use SRO 12.60.01 - oil filter assembly - renew

Additional consequential work SRO 12.13.02 - Camshaft - renew

If the rectification of the causal part naturally forms part of the consequential repair operation, only the SRO for the major operation must be claimed.

EXAMPLE

Crankshaft bearing failure due to oil pump failure.

Use complaint code 2A1 - oil pump

Use SRO 12.21.33 - Crankshaft - renew

USE ONLY ONE WARRANTY COMPLAINT CODE PER WARRANTY CLAIM AND SELECT THE APPROPRIATE FAULT DESCRIPTION FROM THOSE SHOWN AT THE BOTTOM OF THE TEXT PAGES.

NON SCHEDULED REPAIR OPERATIONS

Published SRO's must be quoted where possible.

Where the full work described in the workshop manual for the SRO is not carried out, then the actual time taken should be claimed against the SRO number. The claims processing system will limit any payment against an SRO to a maximum of the warranty time.

Where a repair is not covered by an existing SRO, and there are very few of these, then a SRO must be constructed according to the component involved and using '00' for the third digit pair. e.g. 12.53.00 is work on a flywheel

NOTE;

- i. Except in exceptional circumstances '00' must not be used to cover failure to complete a job in the published warranty time.
- ii. All '00' claims are liable to review within the processing system.
- iii. No SRO may be claimed more than once on any complaint line.

02.02 02.02.02	FIXED ALLOWANCES Constant allowance - separate vehicle visit to workshop..... .	All models 00.15	
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

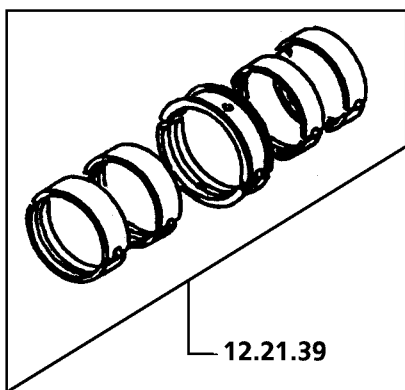
		E.F.I	300 Tdi	
10.10	SERVICE INTERVAL SCHEDULES			
10.10.06	6,000 miles or 6 months service	01.00	01.50	
10.10.12	12,000 miles or 12 months service	02.55	03.20	
10.10.18	18,000 miles or 18 months service	01.00	01.00	
10.10.24	24,000 miles or 24 months service	04.10	03.85	
	Auto	05.20	05.00	
10.10.24/45	24,000 miles or 24 months service (air suspension fitted).....	04.70	04.50	
	Auto	05.85	05.60	
10.10.30	30,000 miles or 30 months service	01.00	01.00	
10.10.36	36,000 miles or 36 months service	02.70	03.40	
10.10.48	48,000 miles or 48 months service	04.50	04.80	
	Auto	05.60	05.90	
10.10.48/45	48,000 miles or 48 months service (air suspension fitted).....	05.05	05.45	
	Auto	06.20	06.60	
10.10.60	60,000 miles or 60 months service	02.60	03.20	
10.10.60/45	60,000 miles or 60 months service (air suspension fitted).....	02.00	03.70	
10.10.72	72,000 miles or 72 months service	04.25	04.05	
	Auto	05.40	05.20	
10.10.72/45	72,000 miles or 72 months service (air suspension fitted).....	04.90	04.70	
	Auto	06.05	05.80	
10.10.84	84,000 miles or 84 months service	02.70	03.05	
	Auto	02.80	03.00	
10.10.84/45	84,000 miles or 84 months service (air suspension fitted).....	02.70	03.75	
	Auto	02.80	03.70	
10.10.96	96,000 miles or 96 months service	05.20	05.05	
	Auto	06.30	06.20	
10.10.96/45	96,000 miles or 96 months service (air suspension fitted).....	05.80	05.70	
	Auto	06.95	06.80	

12 ENGINE

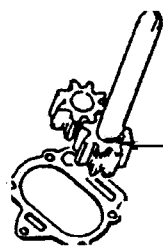
CLASSIC V8

(Operations do not include adjust ignition, fuel systems or kickdown cable)

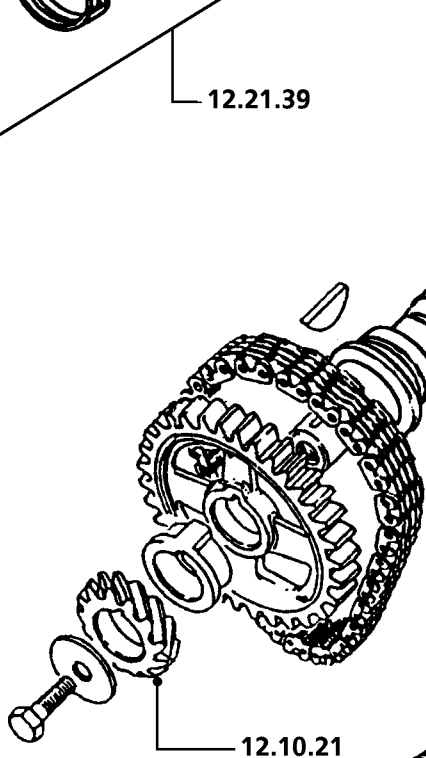
		E.F.I	
12.10	AUXILIARY, DISTRIBUTOR & FUEL PUMP DRIVES		
12.10.20	Distributor driven gear/oil pump drive - assembly - renew	00.60	1M9
12.10.21	Gear - distributor drive - renew	02.55	1M9
12.13	CAMSHAFT		
12.13.02	Camshaft - front/LH/each - renew	06.20	1L1
12.13.02/20	Camshaft - front/LH/each - renew - air conditioning fitted	06.50	1L1
12.17	CONNECTING RODS & PISTONS (Includes, glaze break & measure cylinder bores where applicable)		
12.17.01	Connecting rods and pistons - engine set - renew.....	09.35	1E1
12.17.01/20	Connecting rods and pistons - engine set - renew - air conditioning fitted.....	10.00	1A2
12.17.03	Piston assemblies - engine set - renew	12.45	1E1
12.17.03/20	Piston assemblies - engine set - renew - air conditioning fitted	12.95	1E1
12.17.08	Piston rings - engine set - renew	11.25	1E2
12.17.08/20	Piston rings - engine set - renew - air conditioning fitted	12.30	1E2
12.17.16	Bearings - connecting rods - engine set - renew - includes measure journals	03.00	1C4
12.17.19	Piston assemblies - LH bank - set - renew	07.75	1E1
12.17.20	Piston assemblies - RH bank - set - renew	08.00	1E1
12.17.20/20	Piston assemblies - RH bank - set - renew - air conditioning fitted .	08.50	1E1
12.17.21	Piston rings - LH bank - set - renew	07.35	1E2
12.17.22	Piston rings - RH bank - set - renew	07.70	1E2
12.17.22/20	Piston rings - RH bank - set - renew - air conditioning fitted	08.20	1E2
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



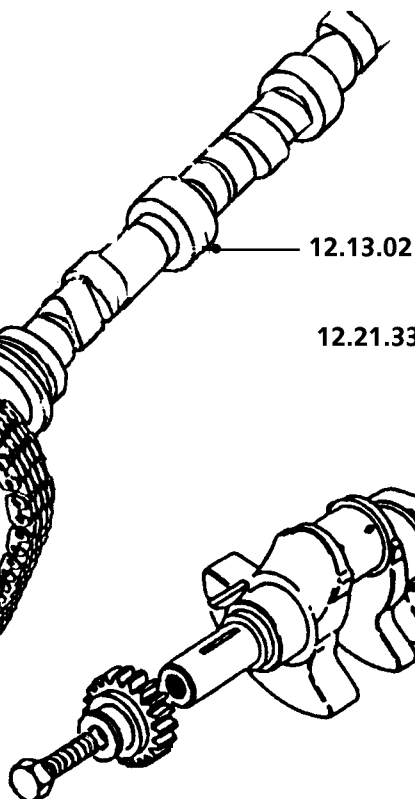
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12.10.20



12.10.21

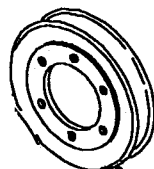


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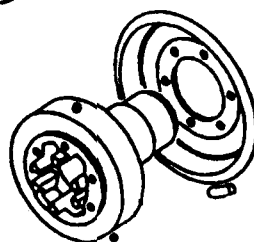
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12.21.45

12.21.20

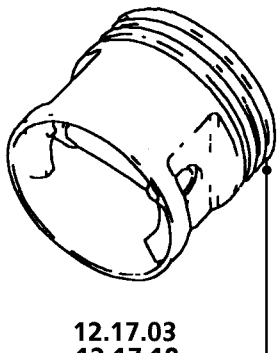
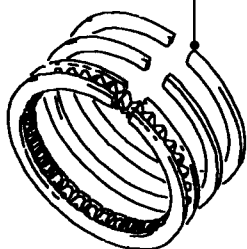


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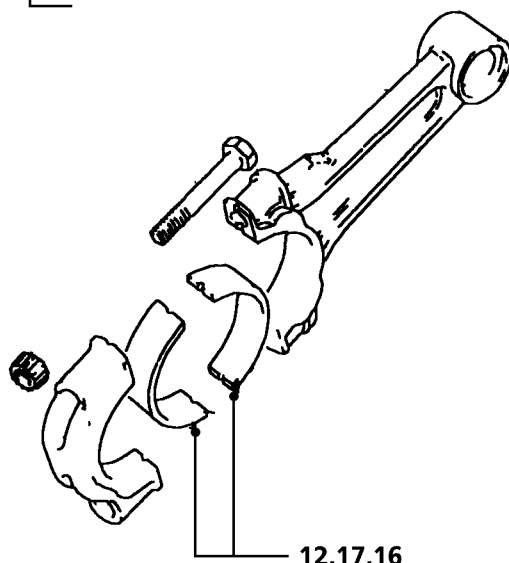


12.21.09

12.17.08
12.17.21
12.17.22



12.17.03
12.17.19
12.17.20



12.17.16

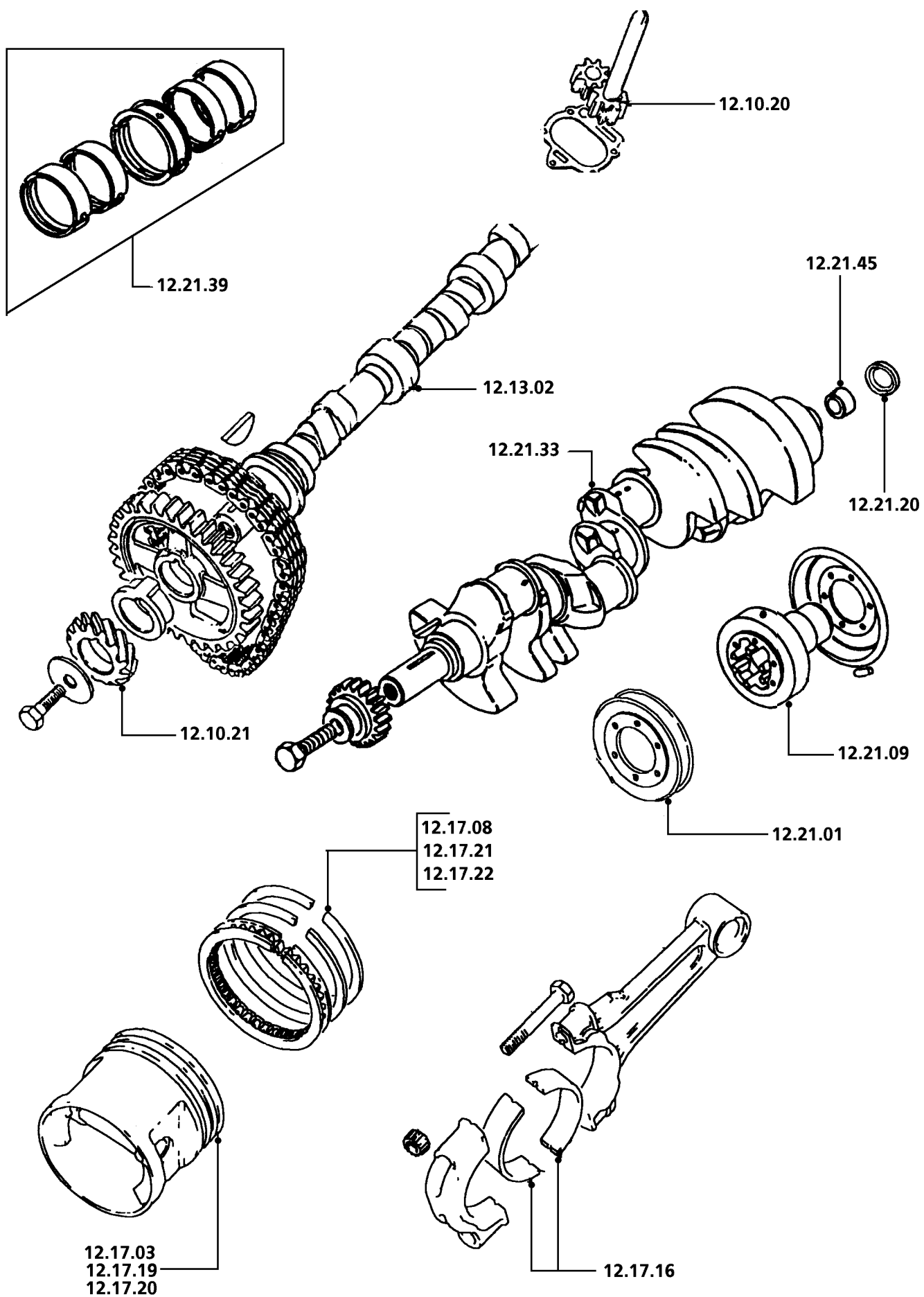
DIS RT6

12 ENGINE

CLASSIC V8

(Operations do not include adjust ignition, fuel systems or kickdown cable)

		E.F.I	
12.21	CRANKSHAFT		
12.21.01	Pulley - crankshaft - renew	01.10	2G1
12.21.09	Damper - crankshaft - renew	01.10	2G1
12.21.20	Oil seal - crankshaft - rear - renew		
	5 Speed	06.05	1Q2
	Auto	06.20	1Q2
12.21.20/01	Oil seal - crankshaft - rear - renew - engine removed	00.55	1Q2
12.21.26	Crankshaft - check & adjust end float	00.90	1C5
12.21.33	Crankshaft - renew - includes mains bearings.....	10.45	1C1
12.21.33/20	Crankshaft - renew - includes mains bearings - air conditioning fitted.....	10.70	1C1
12.21.39	Bearings - main - engine set - renew	06.95	1C3
12.21.45	Bearing - crankshaft spigot - renew		
	5 Speed	05.75	1C2
	Auto	06.60	1C2
12.21.45/01	Bearing - crankshaft spigot - renew - gearbox removed	00.10	1C2
12.25	CYLINDER BLOCK		
12.25.01	Cylinders pressures - check	01.10	*
12.25.21	Bracket - alternator mounting - renew	00.60	7D7
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



DIS RT6

12 ENGINE

CLASSIC V8

(Operations do not include adjust ignition, fuel systems or kickdown cable)

		E.F.I	
12.29	CYLINDER HEAD		
12.29.01	Gaskets - cylinder heads - engine set - renew	06.65	1S6
12.29.01/20	Gaskets - cylinder heads - engine set - renew - air conditioning fitted.....	07.10	1S6
12.29.02	Gasket - cylinder head - LH/front/each - renew	04.40	1S6
12.29.03	Gasket - cylinder head - RH/rear - renew	04.75	1S6
12.29.03/20	Gasket - cylinder head -RH/rear - renew - air conditioning fitted..	04.95	1S6
12.29.04	Cylinder head - assembly - one only - renew	04.55	1F1
12.29.05	Cylinder head - assembly - RH - renew	04.85	1F1
12.29.05/20	Cylinder head - assembly - RH - renew - air conditioning fitted....	05.05	1F1
12.29.06	Cylinder heads/gaskets - engine set - renew.....	05.35	1S6
12.29.06/20	Cylinder heads/gaskets - engine set - renew - air conditioning fitted.....	05.85	
12.29.29	Rocker shaft assembly - LH/front/each - renew.....	00.90	1H6
12.29.30	Rocker shaft assembly - RH/rear - renew	00.60	1H6
12.29.31	Push rods - set - LH - renew	01.00	1H4
12.29.32	Push rods - set - RH - renew	00.55	1H4
12.29.39	Gaskets - covers - camshaft/rocker - engine set - renew	01.30	1S1
12.29.40	Gasket - cover - camshaft/rocker - LH/front/each - renew	00.85	1S1
12.29.41	Gasket - cover - camshaft/rocker - RH/rear - renew	00.50	1S1
12.29.49	Rocker shaft assembly - LH/front/each - overhaul.....	01.20	1H6
12.29.50	Rocker shaft assembly - RH/rear - overhaul	00.90	1H6
12.29.54	Rocker shaft assembly - engine set - renew	01.50	1H6
12.29.55	Rocker shaft assembly - engine set - overhaul	02.05	1H6
12.29.57	Tappets/cam followers - engine set - renew	03.80	1H2
12.29.60	Pushrods - engine set - renew.....	01.35	1H4
12.29.61	Valve guides - engine set - renew - includes reface seats & grind in valves.....	13.10	1F3
12.29.61/20	Valve guides - engine set - renew - air conditioning fitted	13.60	1F3
12.29.62	Valves - engine set - renew - includes reface seats & grind in valves	11.45	*
12.29.62/20	Valves - engine set - renew - air conditioning fitted	11.95	*
12.29.82	Valves - front/LH/each bank - head set - renew - includes reface seats & grind in valves.....	07.00	*
12.29.83	Valves - rear/RH bank - head set - renew - includes reface seats & grind in valves	07.55	*
12.29.83/20	Valves - rear/RH bank - head set - renew - air conditioning fitted ..	08.05	*
12.29.88	Valve guides - front/LH/each bank - set - renew	08.10	1F3
12.29.89	Valve guides - RH/rear bank - set - renew.....	08.25	1F3
12.29.89/20	Valve guides - RH/rear bank - set - renew - air conditioning fitted ..	08.70	1F3
12.29.90	Oil seal - valve stem - inlet - engine set - renew	03.35	1Q3
12.29.93	Oil seal - valve stem - inlet & exhaust - engine set - renew	03.85	1Q3

A - WRONGLY ADJUSTED

B - POROUS/ADRIFT

C - BAD FIT

D - BROKEN

E - CRACKED/SPLIT/CUT

F - SEIZED/STIFF

G - LOOSE/WEAK SYNCHROMESH

H - CORRODED/PLATING FAILURE

J - WORN/STRETCHED

K - NOISY/CHAFED

L - JUDDER/POOR CONNECTION

M - BODY/COOLANT LEAKS/BURNT

N - LEAKS - NOT COOLANT LOSS

P - DIFFICULT ENGAGEMENT

Q - FADED/STAINED/DISCOLOURED

R - FACTORY DAMAGE

S - OPEN CIRCUIT/BLOCKED

T - SHORT CIRCUIT/THREAD DAMAGE

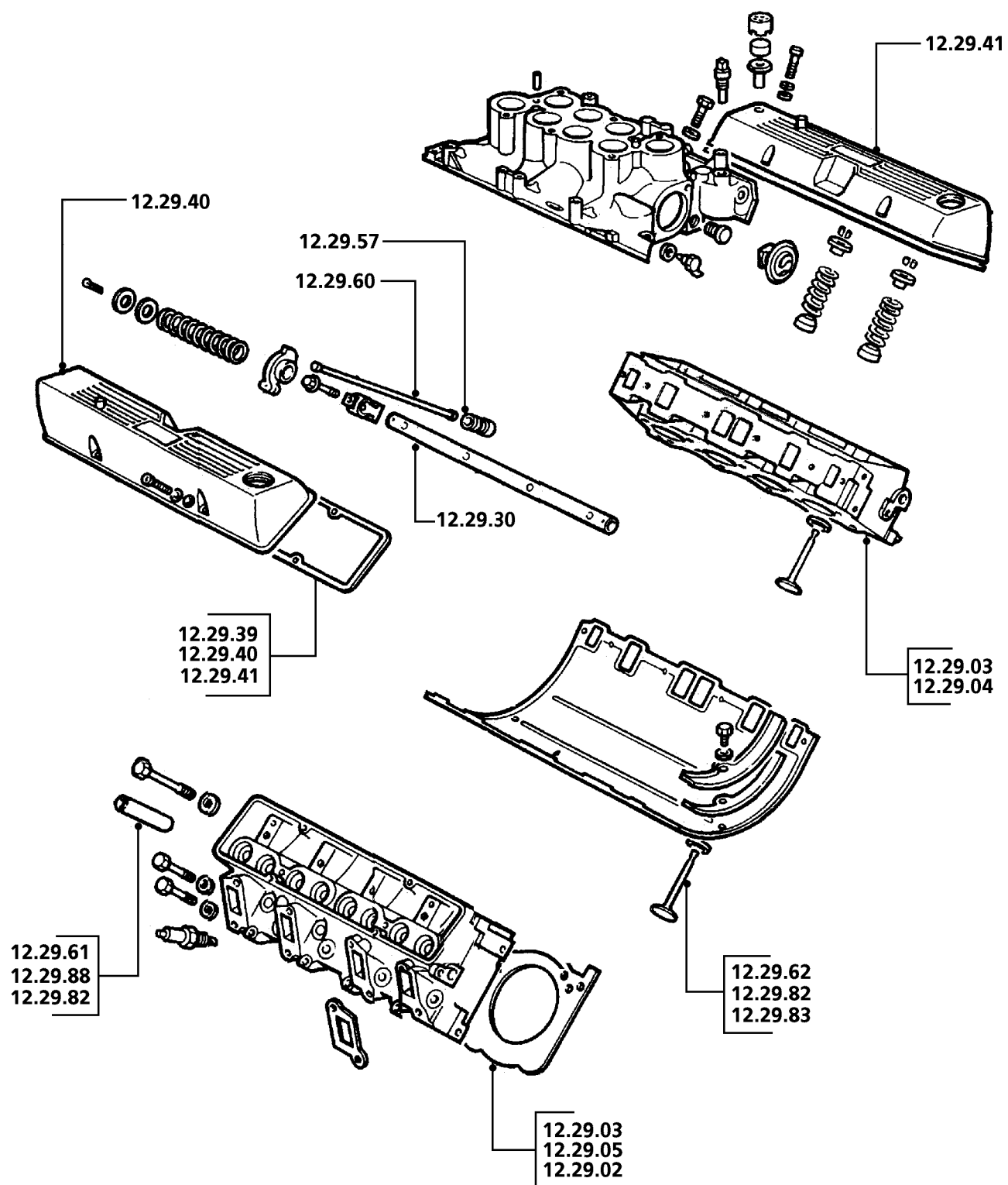
U - INACCURATE/SLIPPING

V - BULB/LIGHT UNIT FAILURE

W - VIBRATION/OUT OF BALANCE

X - BRAKE PULL/SURFACE DAMAGE

Z - INOPERATIVE



DIS RT7

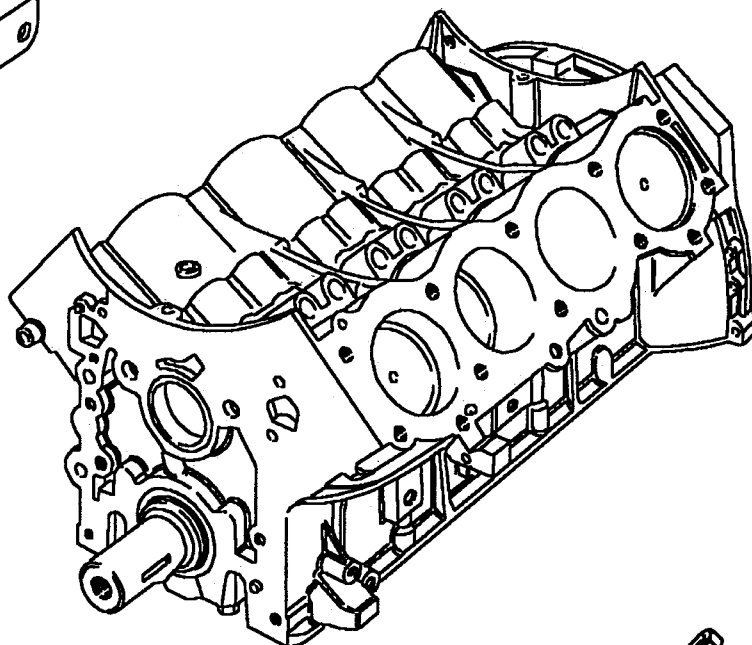
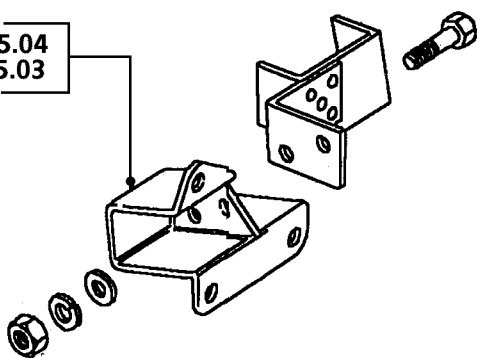
12 ENGINE

CLASSIC V8

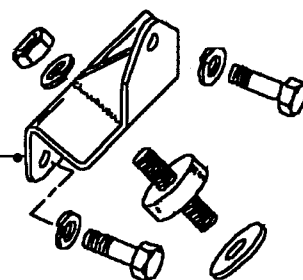
(Operations do not include adjust ignition, fuel systems or kickdown cable)

		E.F.I	
12.41	ENGINE ASSEMBLY		
12.41.01	Engine & ancillaries - renew		
	5 Speed	07.10	*
	Auto	07.45	*
12.41.01/20	Engine & ancillaries - renew - air conditioning fitted		
	5 Speed	07.20	*
	Auto	07.60	*
12.41.02	Stripped engine - remove engine, change over ancillary equipment & refit	09.50	*
12.41.02/20	Stripped engine - remove engine, change over ancillary equipment & refit - air conditioning fitted	09.60	*
12.41.03	Part engine; remove, rebuild & refit engine, does not include cylinder head(s) overhaul	12.95	*
12.41.03/20	Part engine; remove, rebuild & refit engine, does not include cylinder head(s) overhaul - air conditioning fitted	13.10	*
12.45	ENGINE MOUNTINGS		
12.45.01	Mounting - front - LH - renew	00.45	5C1
12.45.03	Mounting - front - RH - renew	00.45	5C1
12.45.04	Mountings - front - set - renew	00.45	5C1
12.45.07	Mounting - rear - LH - renew	00.40	5C1
12.45.09	Mounting - rear - RH - renew	00.30	5C1
12.45.10	Mountings - rear - set - renew	00.60	5C1
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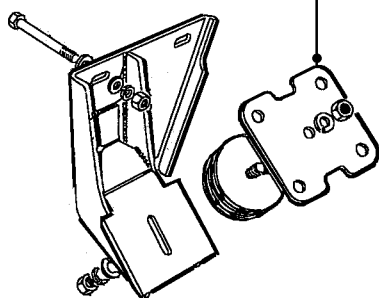
12.45.04
12.45.03



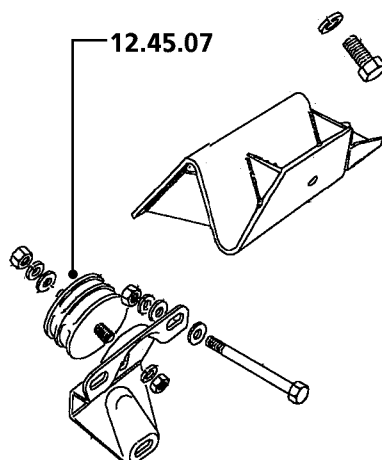
12.45.01
12.45.04



12.45.09



12.45.07



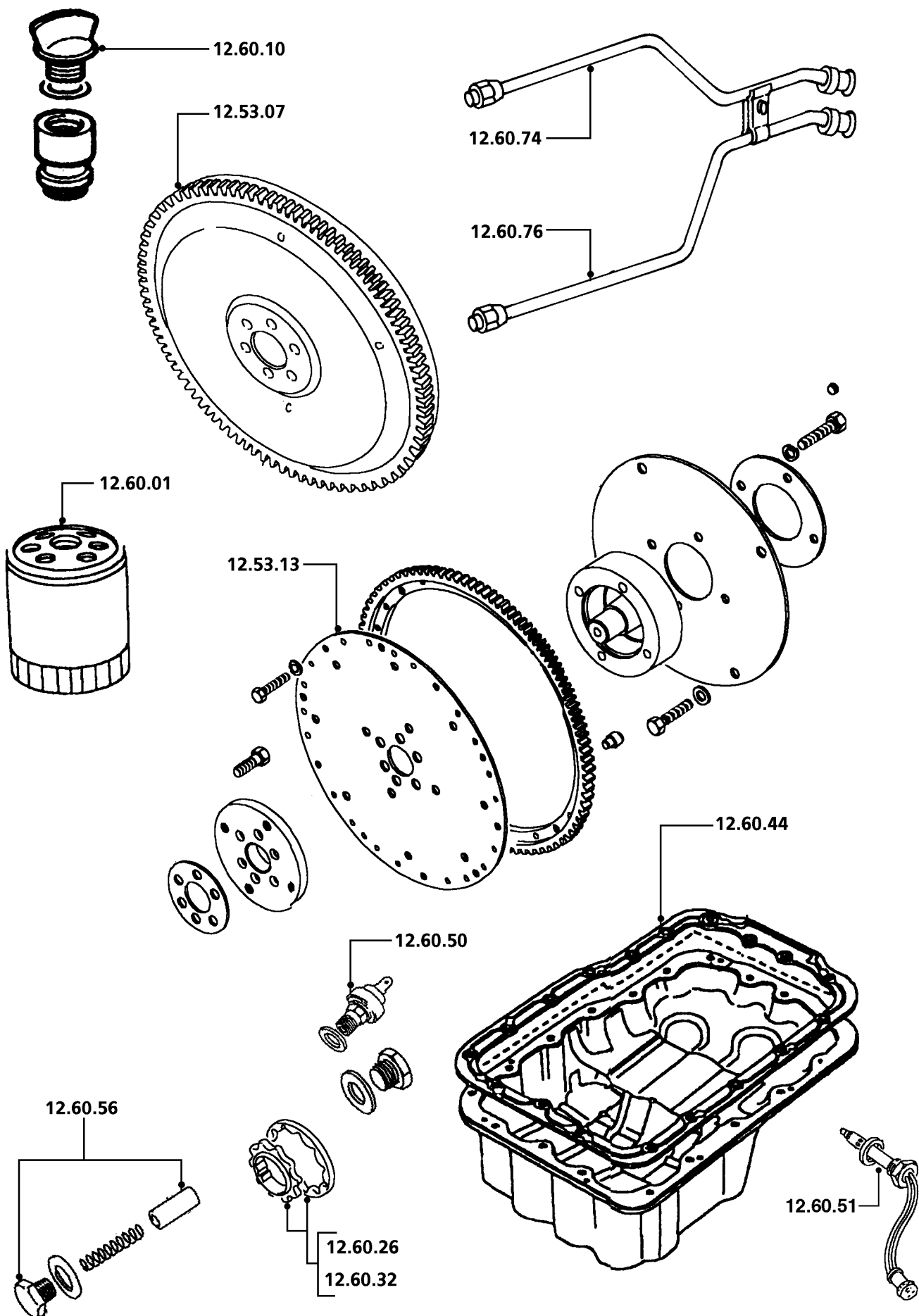
DIS RT96

12 ENGINE

CLASSIC V8

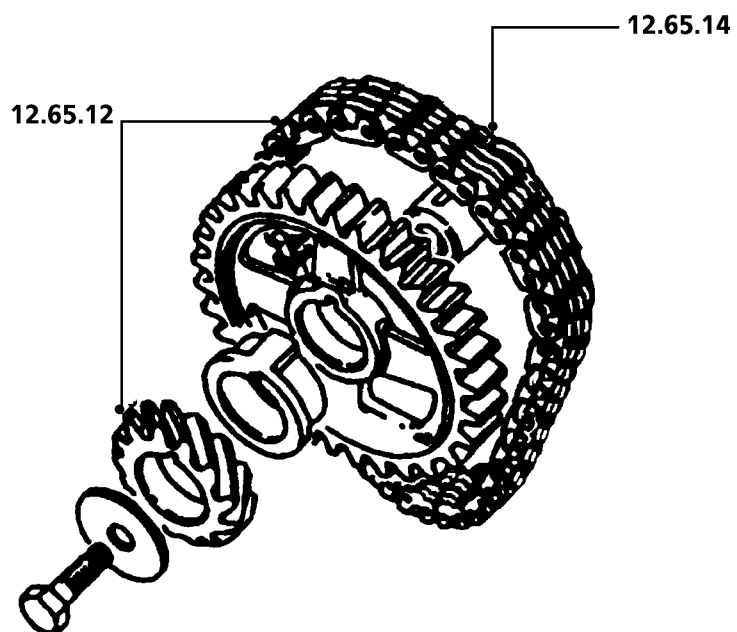
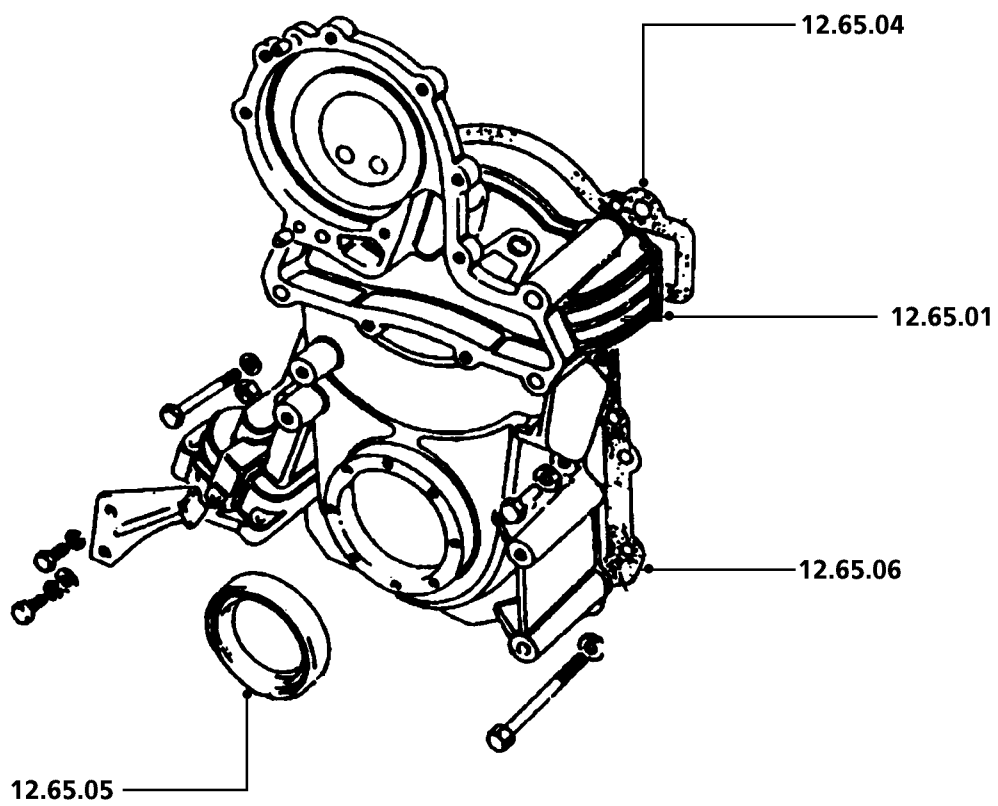
(Operations do not include adjust ignition, fuel systems or kickdown cable)

		E.F.I	
12.53	FLYWHEEL & DRIVE PLATE		
12.53.07	Flywheel - renew 5 Speed	05.40	1C6
12.53.07/01	Flywheel - renew - with clutch removed..... 5 Speed	00.20	1C6
12.53.13	Drive plate - automatic - renew Auto	06.00	4A5
12.53.13/01	Drive plate - automatic - renew - with gearbox removed Auto	00.15	4A5
12.60	LUBRICATION SYSTEM		
12.60.01	Filter assembly - oil - external - renew	00.30	2A6
12.60.10	Cap - oil filler - renew	00.10	1N2
12.60.20	Strainer - oil pick up - renew	00.70	2A2
12.60.26	Pump - oil - renew	03.35	2A1
12.60.32	Pump - oil - overhaul	03.35	2A1
12.60.44	Sump - oil - renew	00.70	1N1
12.60.50	Switch - oil pressure - renew	00.30	7V4
12.60.51	Switch - oil level indicator - renew	00.25	7U2
12.60.56	Valve - oil pressure relief - renew	00.30	2A3
12.60.74	Hose(s) - feed - oil cooler - renew	00.35	2A9
12.60.76	Hose - return - oil cooler - renew	00.70	2A9
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



(Operations do not include adjust ignition, fuel systems or kickdown cable)

		E.F.I	
12.65	TIMING GEARS, CHAINS, TENSIONERS & GUIDES		
12.65.01	Cover - timing gears - renew	03.30	1N6
12.65.04	Gasket - timing gear cover - renew	02.90	1S2
12.65.05	Oil seal - timing gear cover - renew	01.05	1Q1
12.65.06	Oil seal & gasket - timing gear cover - renew	02.95	1S2
12.65.12	Timing belt/chain & gears - renew	03.00	1K5
12.65.14	Timing chain(s) - renew - includes align gears	03.00	1K5
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

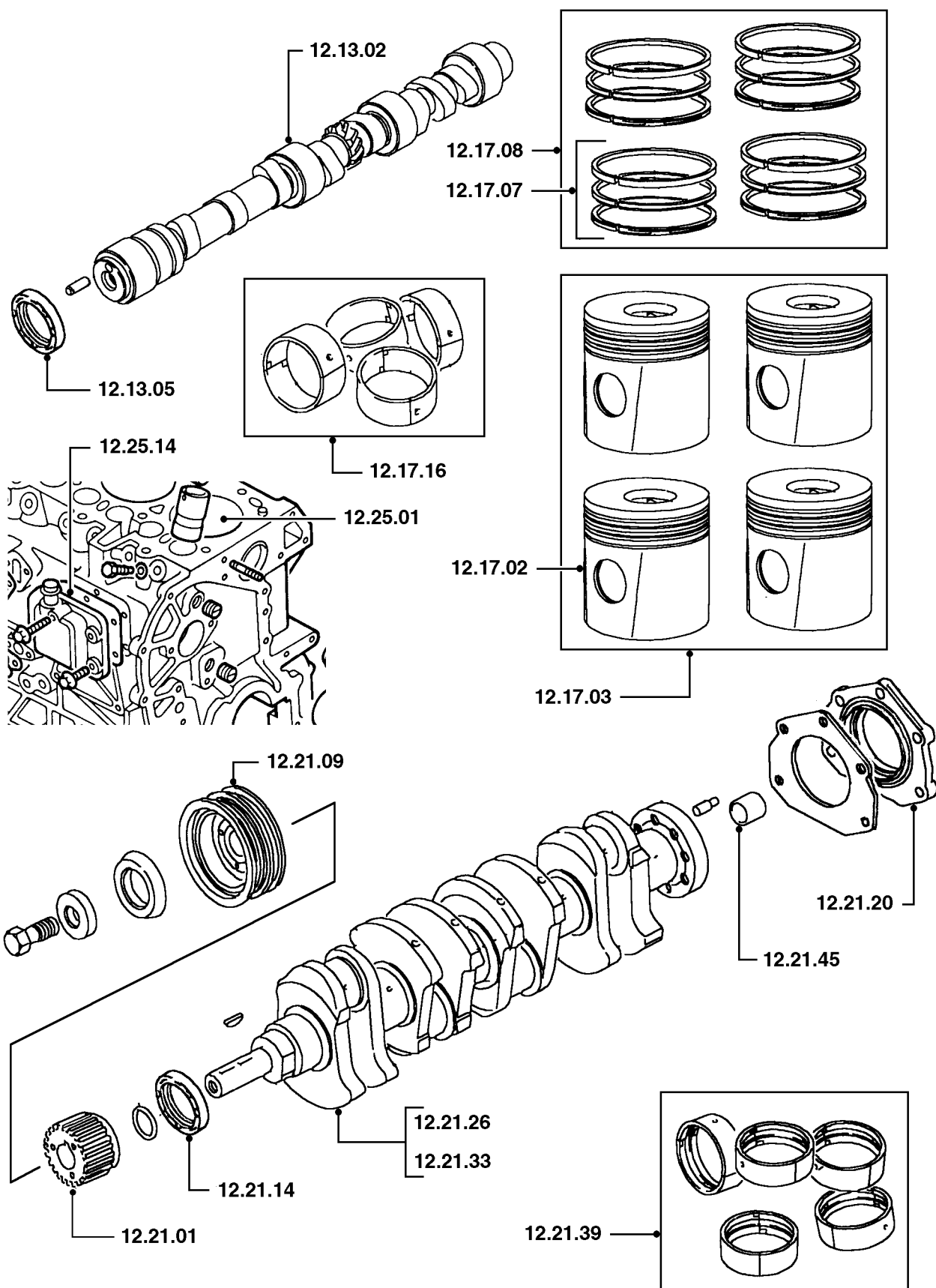


12 ENGINE

CLASSIC Tdi

(Operations do not include adjust ignition, fuel systems or kickdown cable)

		300 Tdi	
12.13	CAMSHAFT		
12.13.02	Camshaft - front/LH/each - renew	12.20	1L1
12.13.02/20	Camshaft - front/LH/each - renew - air conditioning fitted	12.80	1L1
12.13.05	Oil seal - front - camshaft - renew	03.15	1Q6
12.13.05/20	Oil seal - front - camshaft - renew - air conditioning fitted	03.30	
12.17	CONNECTING RODS & PISTONS (Includes, glaze break & measure cylinder bores where applicable)		
12.17.02	Piston assembly - one - renew	06.30	1E1
12.17.03	Piston assemblies - engine set - renew	07.40	1E1
12.17.07	Piston rings - one piston set - renew	06.45	1E2
12.17.08	Piston rings - engine set - renew	07.85	1E2
12.17.16	Bearings - connecting rods - engine set - renew - includes measure journals	01.80	1C4
12.21	CRANKSHAFT		
12.21.01	Pulley - crankshaft - renew	01.45	2G1
12.21.01/20	Pulley - crankshaft - renew - air conditioning fitted	01.65	2G1
12.21.09	Damper - crankshaft - renew	01.45	2G1
12.21.14	Oil seal - crankshaft - front - renew	03.20	1Q1
12.21.14/20	Oil seal - crankshaft - front - renew - air conditioning fitted	03.40	1Q1
12.21.20	Oil seal - crankshaft - rear - renew		
	5 Speed	05.30	1Q2
	Auto	05.45	1Q2
12.21.20/01	Oil seal - crankshaft - rear - renew - engine removed	00.15	1Q2
12.21.26	Crankshaft - check & adjust end float	01.45	1C5
12.21.33	Crankshaft - renew - includes mains bearings.....	15.50	1C1
12.21.33/20	Crankshaft - renew - includes mains bearings - air conditioning fitted.....	15.85	1C1
12.21.39	Bearings - main - engine set - renew.....	02.50	1C3
12.21.45	Bearing - crankshaft spigot - renew		
	5 Speed	05.05	1C2
12.21.45/01	Bearing - crankshaft spigot - renew - gearbox removed	00.10	1C2
12.25	CYLINDER BLOCK		
12.25.01	Cylinders pressures - check	00.95	*
12.25.14	Plate - side - LH/front - renew	00.50	1S3
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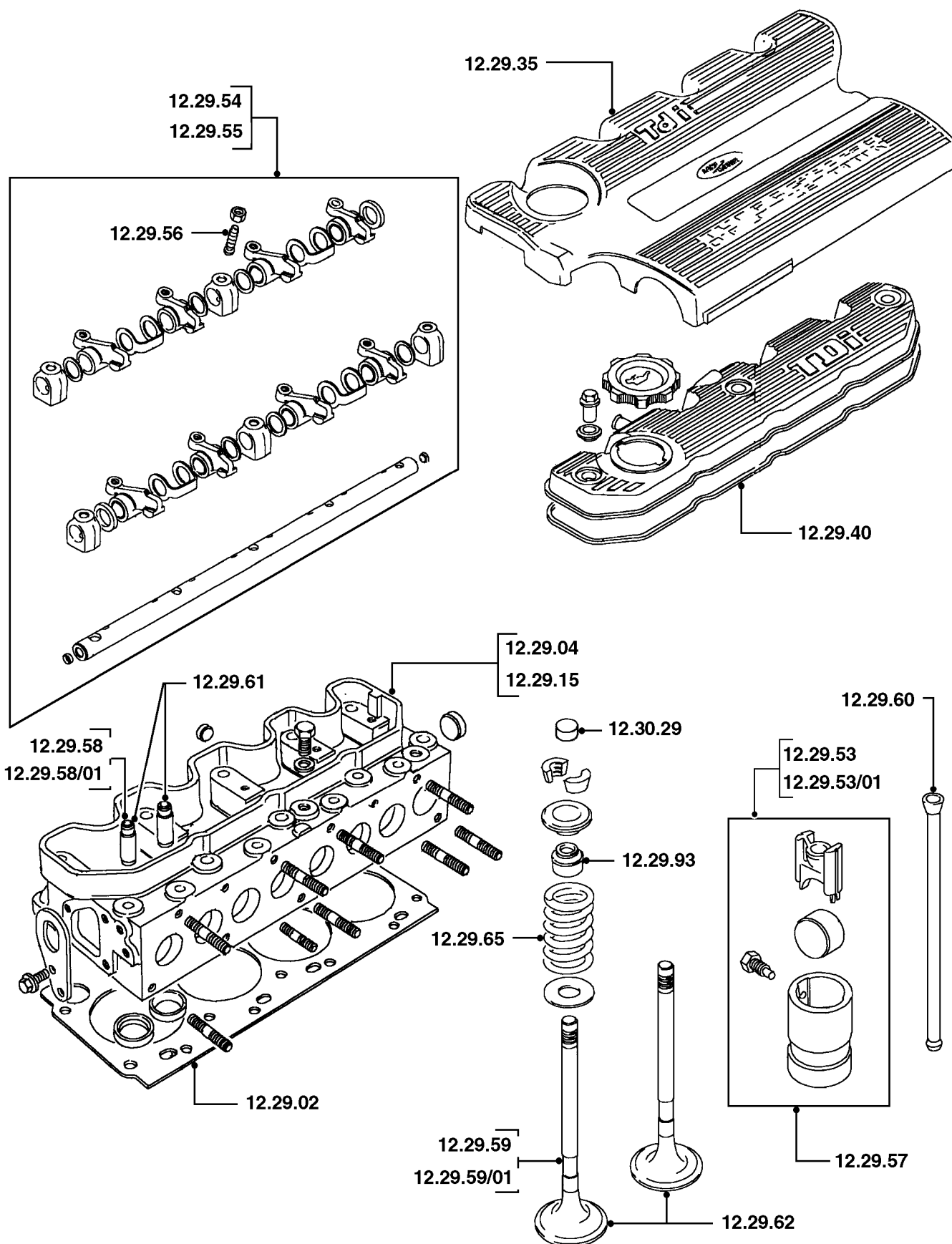


12 ENGINE

CLASSIC Tdi

(Operations do not include adjust ignition, fuel systems or kickdown cable)

		300 Tdi	
12.29	CYLINDER HEAD		
12.29.02	Gasket - cylinder head - LH/front/each - renew	04.95	1S6
12.29.04	Cylinder head - assembly - one only - renew	05.65	1F1
12.29.15	Cylinder head casting - renew - includes decarbonize, reface & grind in valves	08.65	1F1
12.29.35	Sound insulation - camshaft/rocker cover - renew.....	00.10	8Z7
12.29.40	Gasket - cover - camshaft/rocker - LH/front/each - renew	00.40	1S1
12.29.48	Valve clearances - check & adjust.....	00.60	*
12.29.53	Tappet/cam follower - one - renew	05.05	1H2
12.29.53/01	Tappet/cam follower - extra each - renew	00.10	1H2
12.29.54	Rocker shaft assembly - engine set - renew	00.85	1H6
12.29.55	Rocker shaft assembly - engine set - overhaul	02.75	1H6
12.29.56	Screws - rocker adjusting - engine set - renew	01.20	1H5
12.29.57	Tappets/cam followers - engine set - renew	05.65	1H2
12.29.58	Valve guide - one only - cylinder head - front/LH - renew - includes reface seat & grind in valve	05.65	1F3
12.29.58/01	Valve guide - extra each - cylinder head - front/LH - renew - includes reface seat & grind in valve	00.30	1F3
12.29.59	Valve - one only - cylinder head - renew - includes reface seat & grind in valve	05.50	*
12.29.59/01	Valve - extra each - cylinder head - renew - includes reface seat & grind in valve	00.35	*
12.29.60	Pushrods - engine set - renew.....	01.00	1H4
12.29.61	Valve guides - engine set - renew - includes reface seats & grind in valves.....	08.70	1F3
12.29.62	Valves - engine set - renew - includes reface seats & grind in valves	07.85	*
12.29.65	Valve springs - inlet and exhaust - renew	05.80	*
12.29.93	Oil seal - valve stem - inlet & exhaust - engine set - renew	06.10	1Q3
12.30	CYLINDER HEAD continued		
12.30.29	Stem caps - valves - engine set - renew	00.95	1G8
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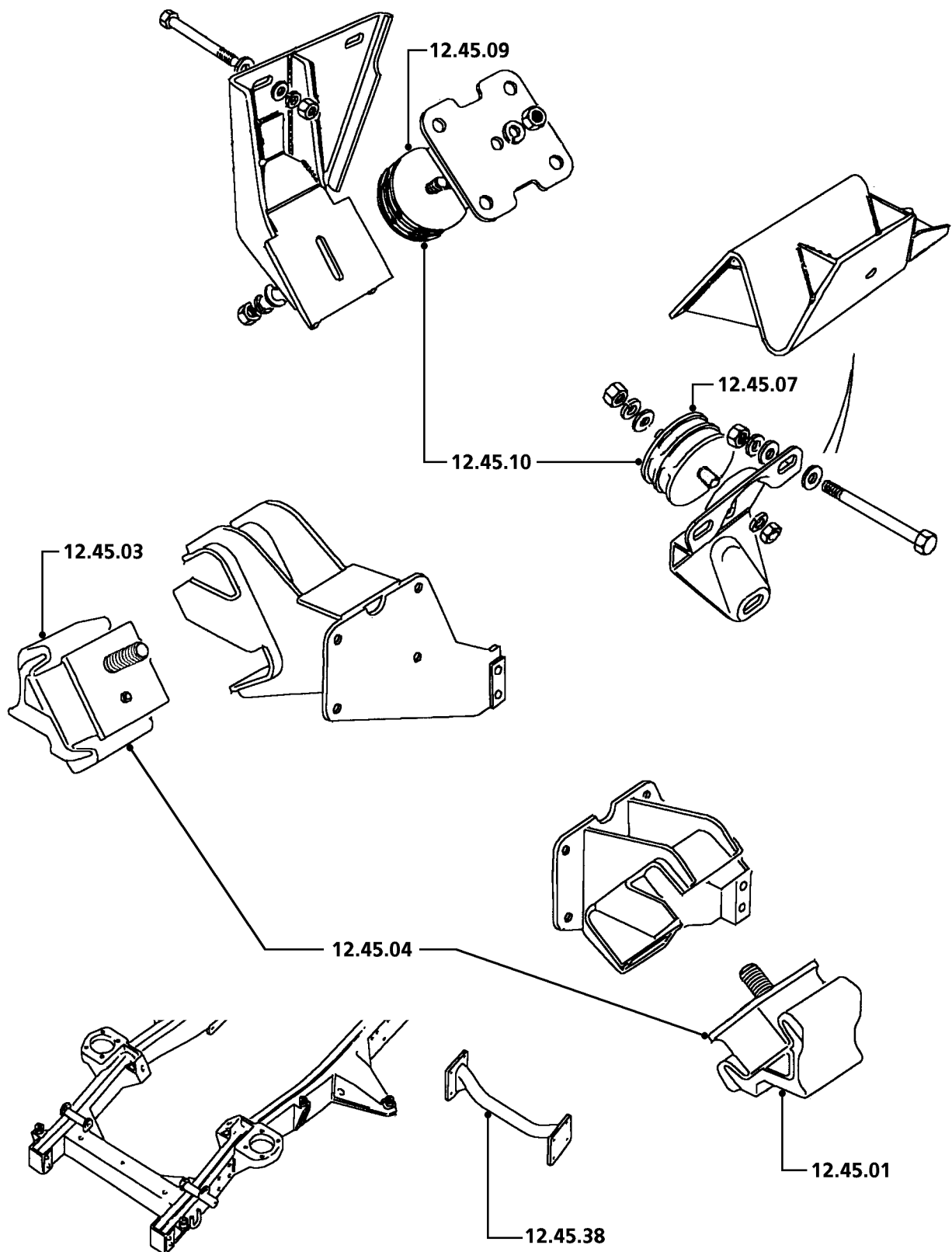


12 ENGINE

CLASSIC Tdi

(Operations do not include adjust ignition, fuel systems or kickdown cable)

		300 Tdi	
12.41	ENGINE ASSEMBLY		
12.41.01	Engine & ancillaries - renew		
	5 Speed	07.45	*
	Auto	07.75	*
12.41.01/20	Engine & ancillaries - renew - air conditioning fitted		
	5 Speed	07.55	*
	Auto	07.85	*
12.41.02	Stripped engine - remove engine, change over ancillary equipment & refit	16.75	*
12.41.02/20	Stripped engine - remove engine, change over ancillary equipment & refit - air conditioning fitted	16.85	*
12.41.03	Part engine; remove, rebuild & refit engine, does not include cylinder head(s) overhaul	21.45	*
12.41.03/20	Part engine; remove, rebuild & refit engine, does not include cylinder head(s) overhaul - air conditioning fitted	21.60	*
12.45	ENGINE MOUNTINGS		
12.45.01	Mounting - front - LH - renew	00.70	5C1
12.45.03	Mounting - front - RH - renew	00.40	5C1
12.45.04	Mountings - front - set - renew	00.95	5C1
12.45.07	Mounting - rear - LH - renew	00.35	5C1
12.45.09	Mounting - rear - RH - renew	00.35	5C1
12.45.10	Mountings - rear - set - renew	00.60	5C1
12.45.38	Crossmember - rear (engine mountings) - renew	00.35	5C1
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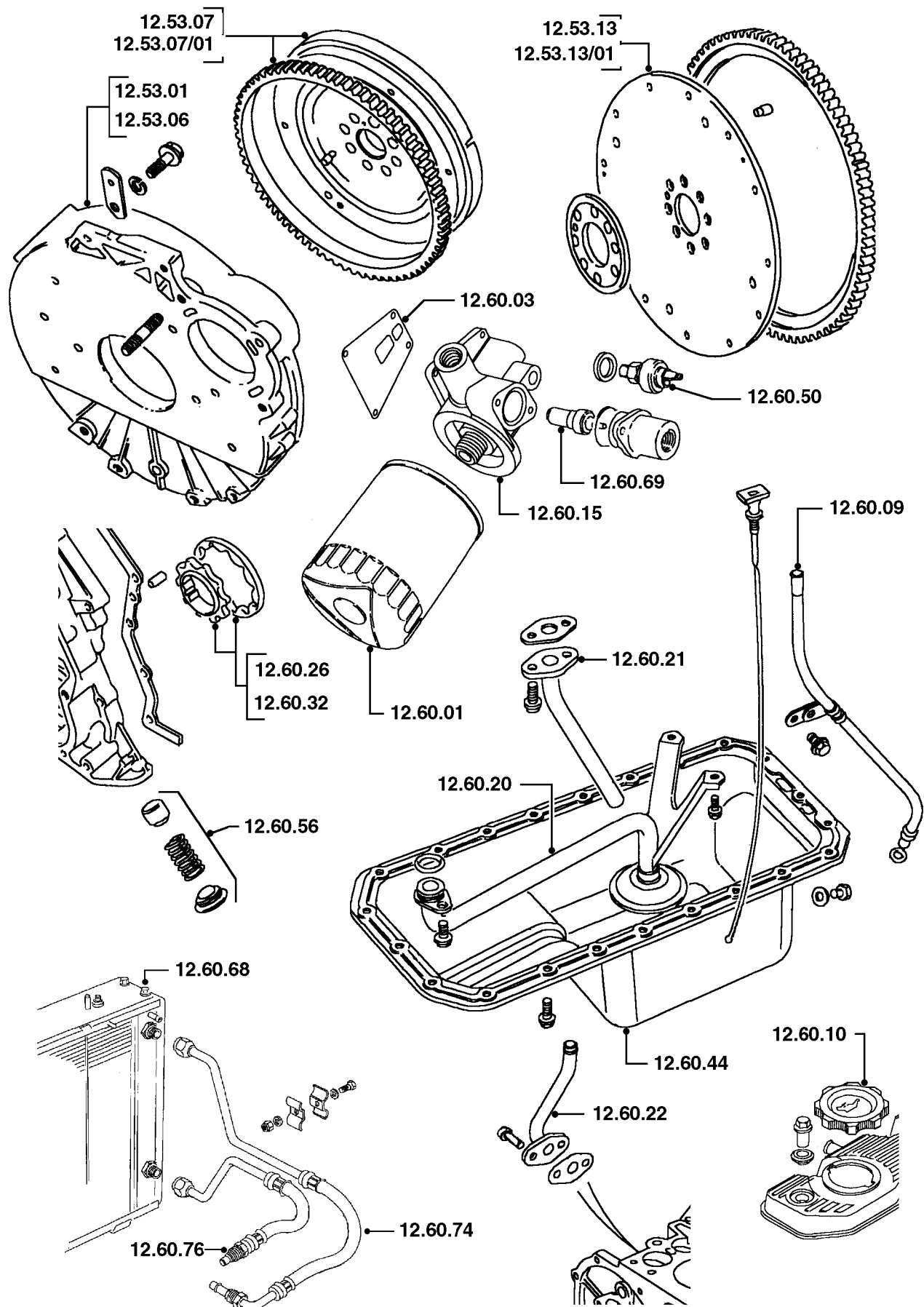
DIS RT86

12 ENGINE

CLASSIC Tdi

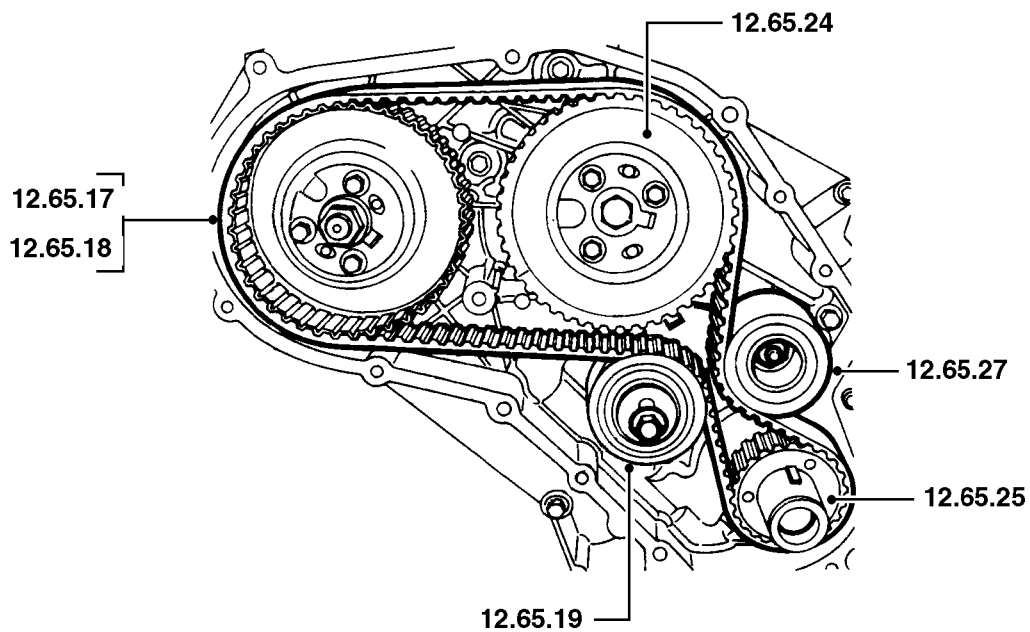
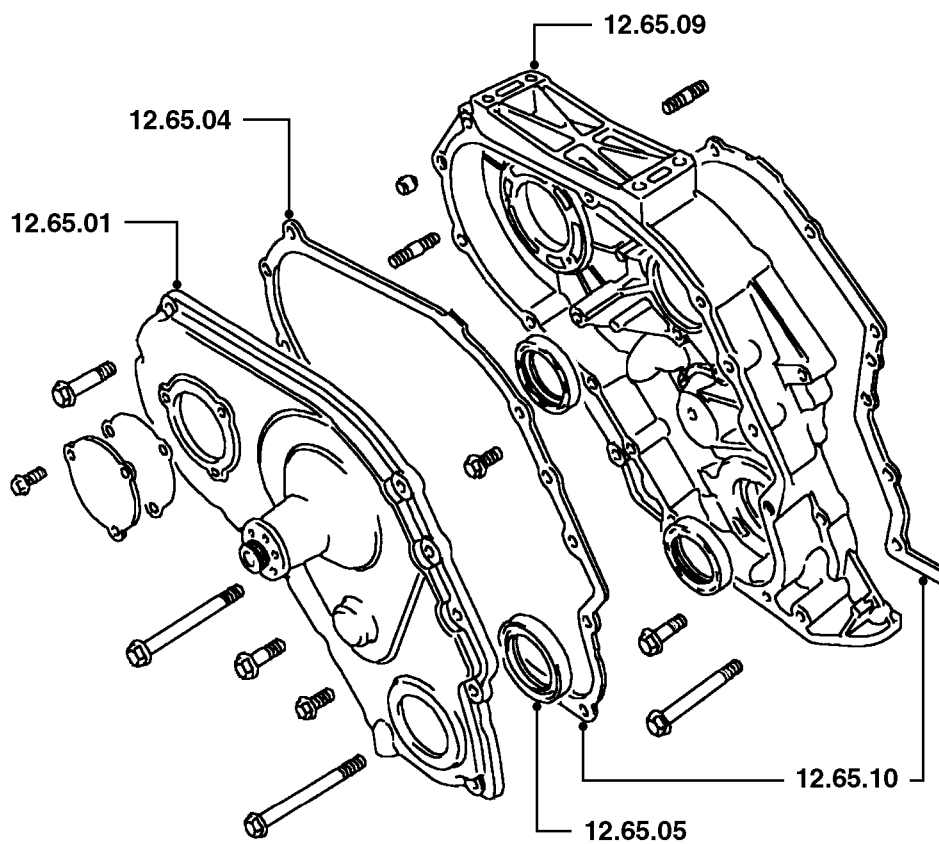
(Operations do not include adjust ignition, fuel systems or kickdown cable)

		300 Tdi	
12.53	FLYWHEEL & DRIVE PLATE		
12.53.01	Housing - flywheel - renew	06.30	3D2
12.53.06	Housing - flywheel - remove. reseal and refit.....	05.65	3D2
12.53.07	Flywheel - renew		
	5 Speed	05.10	1C6
12.53.07/01	Flywheel - renew - with clutch removed.....		
	5 Speed	00.35	1C6
12.53.13	Drive plate - automatic - renew		
	Auto	05.70	4A5
12.53.13/01	Drive plate - automatic - renew - with gearbox removed		
	Auto	00.15	4A5
12.60	LUBRICATION SYSTEM		
12.60.01	Filter assembly - oil - external - renew	00.20	2A6
12.60.03	Gasket - oil filter head - renew	00.45	2V1
12.60.09	Tube - dipstick - renew	00.15	1A6
12.60.10	Cap - oil filler - renew	00.10	1N2
12.60.15	Adaptor - oil filter head - renew	00.70	2A0
12.60.20	Strainer - oil pick up - renew	01.00	2A2
12.60.21	Pipe - oil return - engine sump - renew	00.95	
12.60.22	Pipe - oil return - cylinder block - renew.....	00.25	
12.60.26	Pump - oil - renew	05.70	2A1
12.60.32	Pump - oil - overhaul	05.80	2A1
12.60.44	Sump - oil - renew	00.90	1N1
12.60.50	Switch - oil pressure - renew	00.15	7V4
12.60.56	Valve - oil pressure relief - renew	01.00	2A3
12.60.68	Cooler - oil - renew	01.35	2A7
12.60.69	Valve - thermostatic - oil cooler - renew.....	00.30	
12.60.74	Hose(s) - feed - oil cooler - renew	00.25	2A9
12.60.76	Hose - return - oil cooler - renew	01.05	2A9



(Operations do not include adjust ignition, fuel systems or kickdown cable)

		300 Tdi	
12.65	TIMING GEARS, CHAINS, TENSIONERS & GUIDES		
12.65.01	Cover - timing gears - renew	02.15	1N6
12.65.01/20	Cover - timing gears - renew - air conditioning fitted	02.35	1N6
12.65.04	Gasket - timing gear cover - renew	01.80	1S2
12.65.04/20	Gasket - timing gear cover - renew - air conditioning fitted	02.00	1S2
12.65.05	Oil seal - timing gear cover - renew	01.80	1Q1
12.65.05/20	Oil seal - timing gear cover - renew - air conditioning fitted	02.00	1Q1
12.65.08	Valve timing - check.....	00.70	*
12.65.09	Housing - timing gears - renew	05.95	*
12.65.09/20	Housing - timing gears - renew - air conditioning fitted	06.45	*
12.65.10	Gaskets - timing gear housing - renew	05.30	1S2
12.65.10/20	Gaskets - timing gear housing - renew - air conditioning fitted	05.65	1S2
12.65.17	Timing belt - camshaft - check & adjust tension	02.80	2G9
12.65.17/20	Timing belt - camshaft - check & adjust tension - air conditioning fitted.....		
		02.95	2G9
12.65.18	Timing belt - camshaft - renew	02.95	2G8
12.65.18/20	Timing belt - camshaft - renew - air conditioning fitted	03.15	2G8
12.65.19	Tensioner - drive belt - camshaft - renew	03.00	2G9
12.65.19/20	Tensioner - drive belt - camshaft - renew - air conditioning fitted ..	03.20	2G9
12.65.24	Gear(s) - timing belt - camshaft(s) - renew	03.15	1K3
12.65.24/20	Gear(s) - timing belt - camshaft(s) - renew - air conditioning fitted ..	03.35	1K3
12.65.25	Gear - timing belt - crankshaft - renew.....	03.15	1C0
12.65.25/20	Gear - timing belt - crankshaft - renew - air conditioning fitted.....	03.35	1C0
12.65.27	Jockey pulley - timing belt - renew.....	02.85	2G1
12.65.27/20	Jockey pulley - timing belt - renew - air conditioning fitted.....	03.05	2G0
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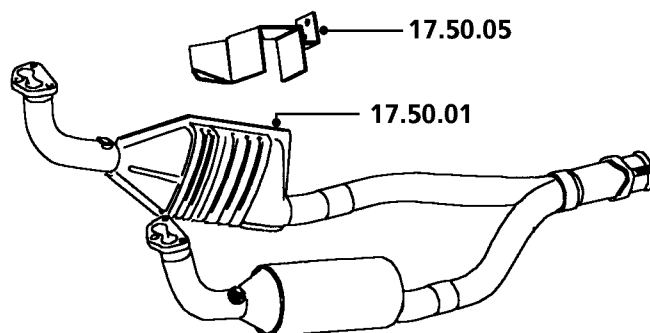
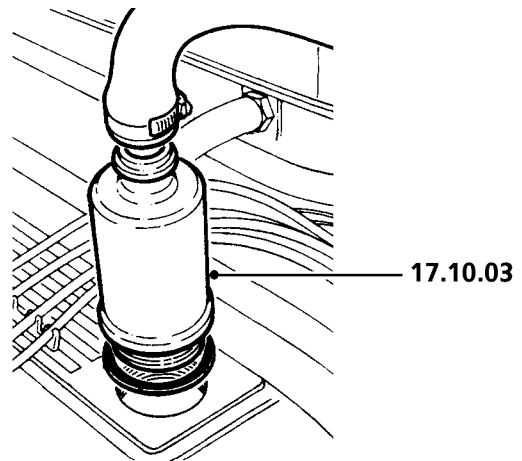
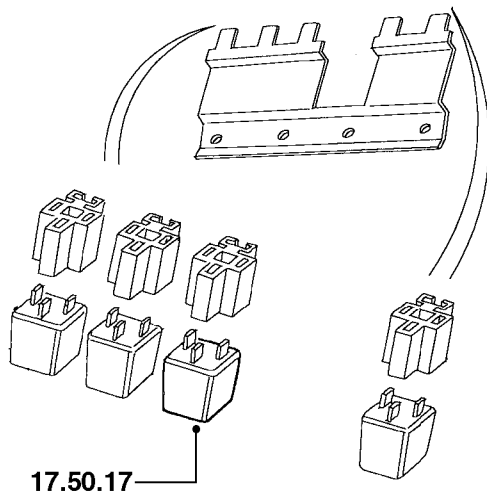
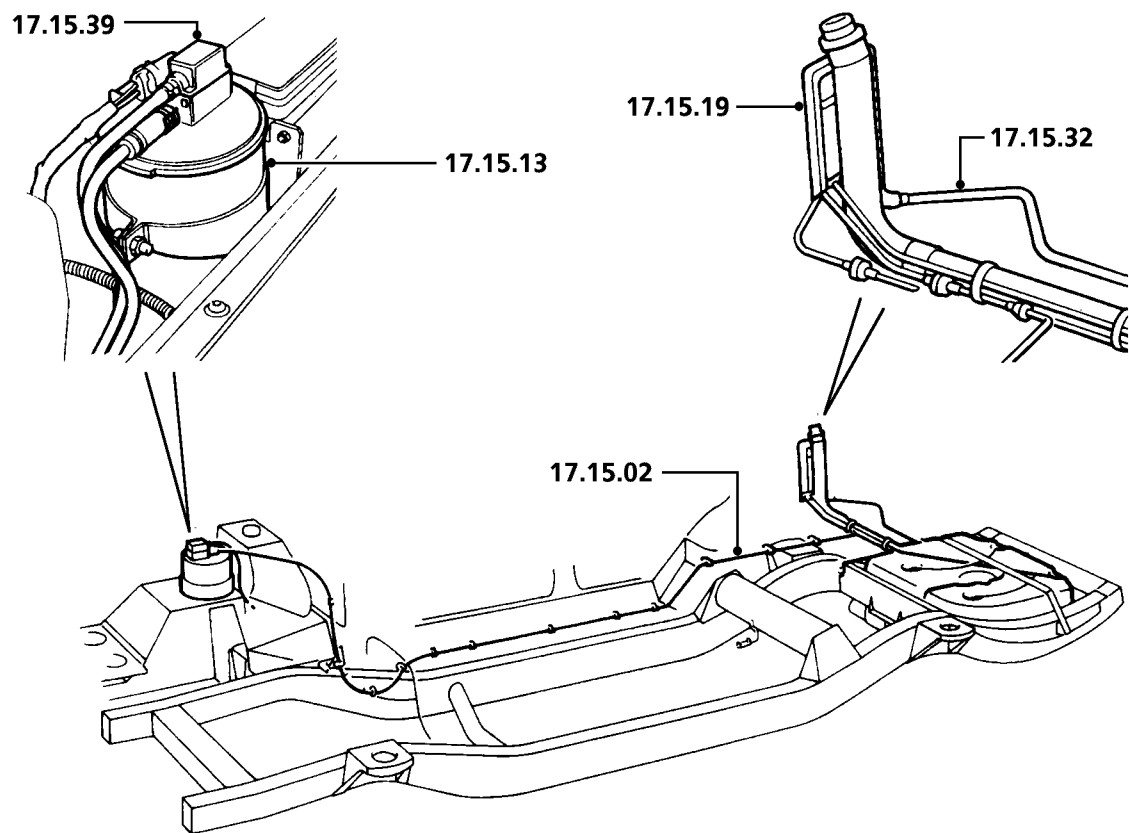


		E.F.I	
17.10	CRANKCASE CONTROL SYSTEMS		
17.10.03	Vapour trap - renew	00.10	1T1
17.15	EVAPORATIVE LOSS CONTROL SYSTEMS		
17.15.02	Hose - charcoal canister to expansion tank/vapour seperator - renew	01.15	2R2
17.15.13	Charcoal canister - renew	00.10	2R1
17.15.19	Expansion tank/vapour seperator - renew	01.35	2R7
17.15.32	Breather pipe - expansion tank/vapour seperator to filler - renew ..	01.15	2R2
17.15.39	Valve - canister purge - renew	00.10	2N4
17.50	CATALYST		
17.50.01	Catalytic converter - renew	00.95	2S0
17.50.05	Heat shield - catalytic converter - renew	00.15	2T2
17.50.17	Relay - catalyst system - renew	00.25	

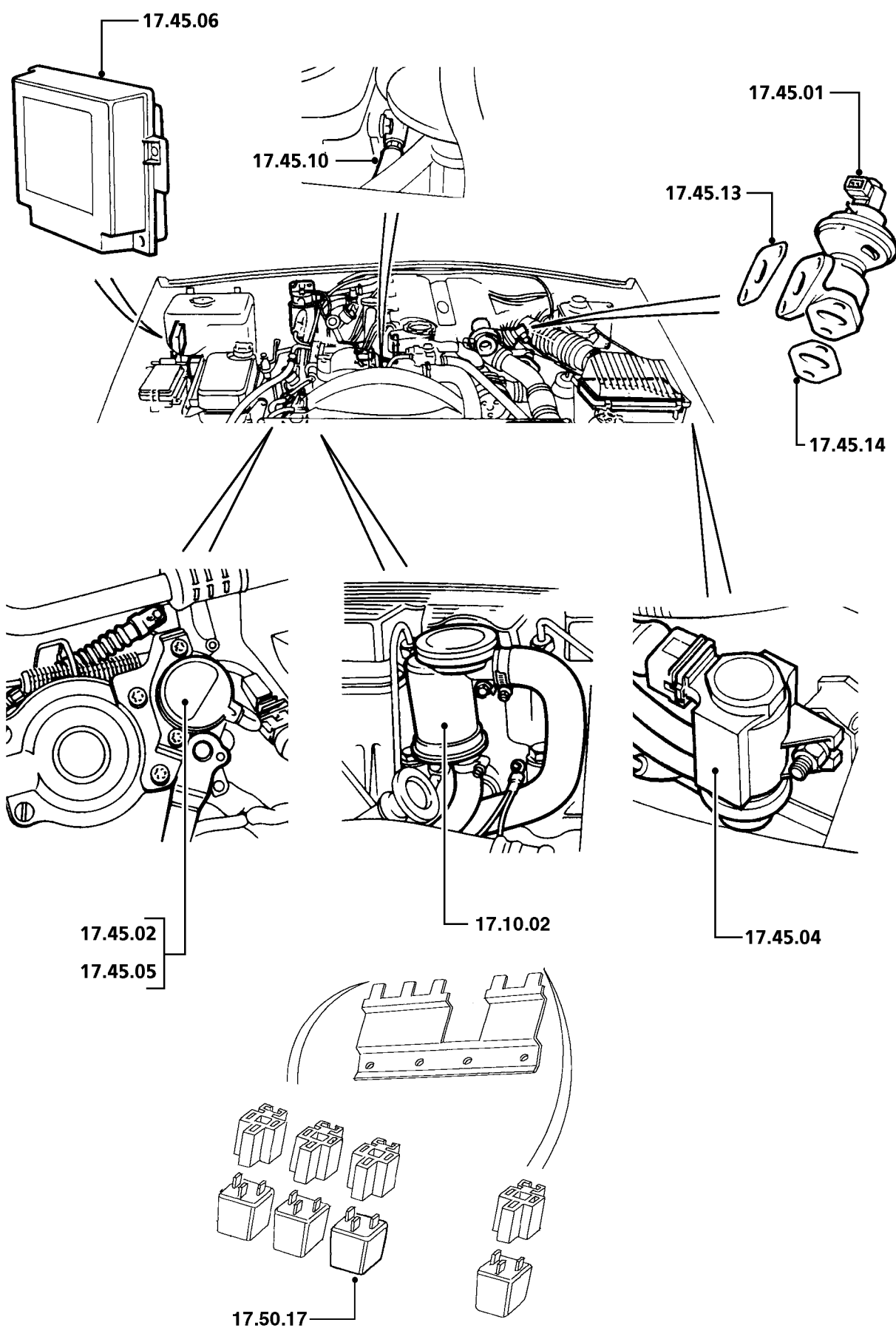
A - WRONGLY ADJUSTED
 B - POROUS/ADRIFT
 C - BAD FIT
 D - BROKEN
 E - CRACKED/SPLIT/CUT
 F - SEIZED/STIFF
 G - LOOSE/WEAK SYNCHROMESH
 H - CORRODED/PLATING FAILURE

J - WORN/STRETCHED
 K - NOISY/CHAFED
 L - JUDDER/POOR CONNECTION
 M - BODY/COOLANT LEAKS/BURNT
 N - LEAKS - NOT COOLANT LOSS
 P - DIFFICULT ENGAGEMENT
 Q - FADED/STAINED/DISCOLOURED
 R - FACTORY DAMAGE

S - OPEN CIRCUIT/BLOCKED
 T - SHORT CIRCUIT/THREAD DAMAGE
 U - INACCURATE/SLIPPING
 V - BULB/LIGHT UNIT FAILURE
 W - VIBRATION/OUT OF BALANCE
 X - BRAKE PULL/SURFACE DAMAGE
 Z - INOPERATIVE

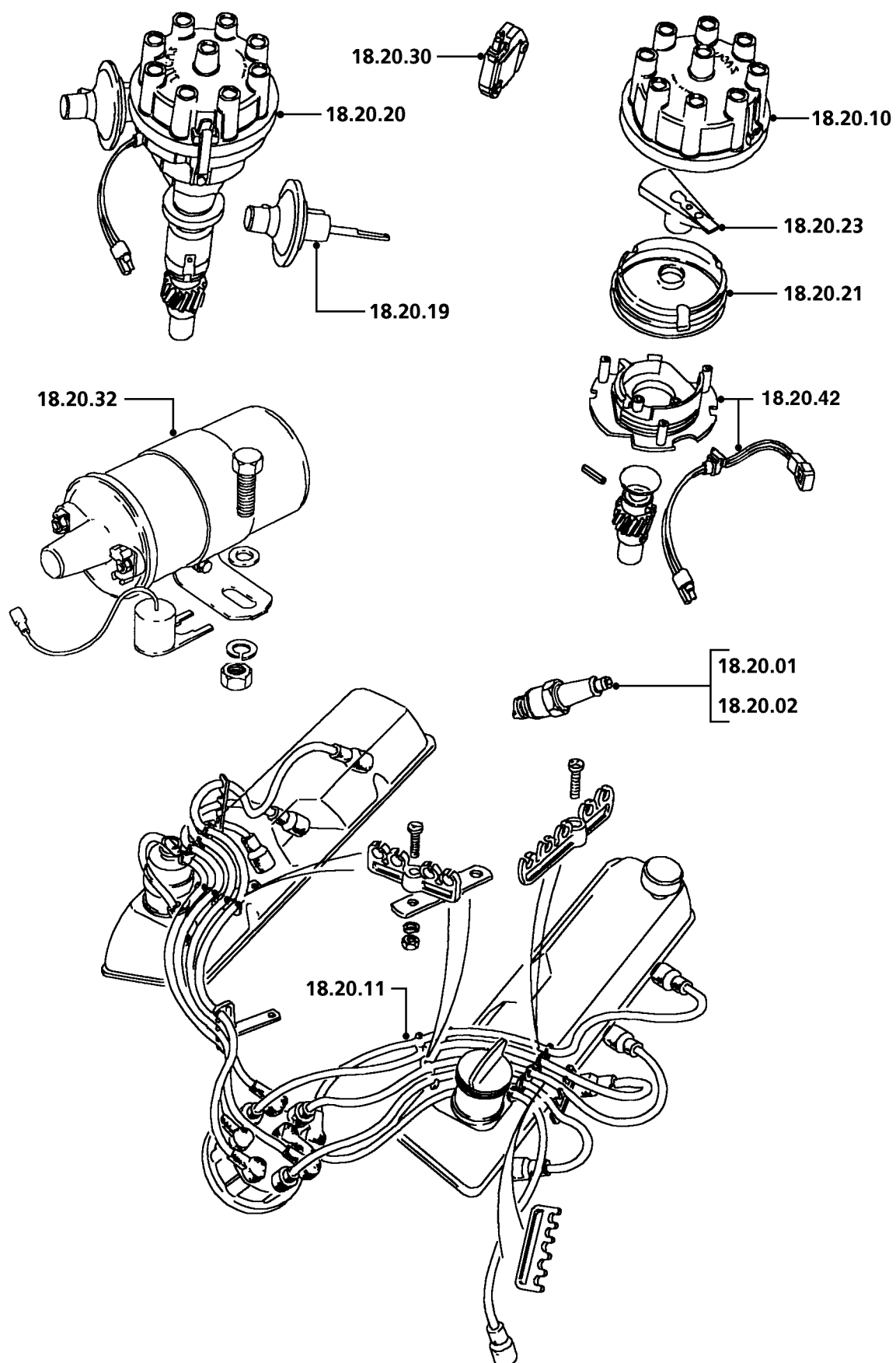


		300 Tdi	
17.10	CRANKCASE CONTROL SYSTEMS		
17.10.02	Filter - engine breather - renew	00.15	1R1
17.45	EXHAUST GAS RECIRCULATION SYSTEM (EGR)		
17.45.01	Valve - EGR - renew	00.30	1U1
17.45.02	Throttle potentiometer - EGR - adjust	00.35	7G5
17.45.04	Solenoid/modulator valve - EGR - renew	00.30	1U1
17.45.05	Throttle potentiometer - EGR - renew	00.45	7G5
17.45.06	Electronic control unit - EGR - renew	00.30	6U1
17.45.10	Pipe - EGR valve to inlet manifold - renew	00.25	1U2
17.45.13	Gaskets - E.G.R induction tube - renew	00.25	
17.45.14	Gaskets - E.G.R control valve - renew	00.30	1U1
17.50	CATALYST		
17.50.17	Relay - catalyst system - renew	00.25	
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



DIS RT89A

		E.F.I	
18.20	IGNITION SYSTEM		
18.20.01	Spark plugs - remove, clean and refit	00.75	7A9
18.20.02	Spark plugs - renew	00.60	7A9
18.20.10	Distributor cap - renew	00.10	7A3
18.20.11	H.T. leads - engine set - renew	00.25	7B1
18.20.15	Ignition timing - adjust	00.35	*
18.20.19	Vacuum unit - distributor - renew	00.75	7A2
18.20.20	Distributor - renew	00.55	7A1
18.20.21	Dust shield - distributor - renew	00.25	7B2
18.20.23	Rotor arm - renew	00.10	7A6
18.20.30	Amplifier module - renew	00.75	7B8
18.20.32	Ignition coil - renew	00.15	7A8
18.20.42	Pick-up module & base plate - renew	01.15	7B7
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



DIS RT83A

19 FUEL SYSTEM

CLASSIC V8

(Operations do not include tuning)

		E.F.I	
19.10	AIR CLEANERS AND HOSES		
19.10.01	Air cleaner(s) - renew	00.10	2F1
19.10.08	Elements - air cleaner(s) - renew.....	00.10	2F4
19.10.18	Intake - air cleaner - renew	00.10	2F2
19.10.26	Hose - air flow meter to plenum chamber - renew	00.10	2F2
19.20	CONTROLS		
19.20.06	Cable - throttle - renew	00.75	2K5
19.22	ELECTRONIC FUEL DISTRIBUTION EQUIPMENT		
19.22.01	Electronic injection system - diagnostic test	00.25	*
19.22.06	Sensor - fuel temperature - test	00.10	
19.22.08	Sensor - engine fuel temperature (EFTS) - renew.....	00.30	7G9
19.22.09	Switch - inertia - fuel cut off - renew.....	00.15	6P2
19.22.10	Relay - main - fuel injection system (ECU) - renew	00.15	7W4
19.22.12	Set idle speed & mixture (includes ignition timing & throttle potentiometer (IACV) check/adjust).....	00.70	*
19.22.16	Sensor - heated oxygen (H02S) - front/LH/each - renew.....	00.15	2T6
19.22.17	Sensor - heated oxygen (H02S) - rear/RH - renew	00.30	2T5
19.22.18	Sensor - coolant temperature - renew	00.25	7G3
19.22.19	Sensor - coolant temperature - test	00.15	7G3
19.22.25	Sensor - mass air flow (MAFS) - renew	00.20	7W2
19.22.34	Electronic control unit - renew	00.40	7G1
19.22.46	Plenum chamber - renew.....	01.50	2R5
19.22.49	Sensor - throttle position (TPS) - renew (includes adjust)	00.15	7G5
19.22.52	Housing - idle air control valve (IACV) (stepper motor) - renew ..	00.10	
19.25	FUEL FILTERS		
19.25.02	Filter - main - renew	00.60	2R3

A - WRONGLY ADJUSTED

B - POROUS/ADRIFT

C - BAD FIT

D - BROKEN

E - CRACKED/SPLIT/CUT

F - SEIZED/STIFF

G - LOOSE/WEAK SYNCHROMESH

H - CORRODED/PLATING FAILURE

J - WORN/STRETCHED

K - NOISY/CHAFED

L - JUDDER/POOR CONNECTION

M - BODY/COOLANT LEAKS/BURNT

N - LEAKS - NOT COOLANT LOSS

P - DIFFICULT ENGAGEMENT

Q - FADED/STAINED/DISCOLOURED

R - FACTORY DAMAGE

S - OPEN CIRCUIT/BLOCKED

T - SHORT CIRCUIT/THREAD DAMAGE

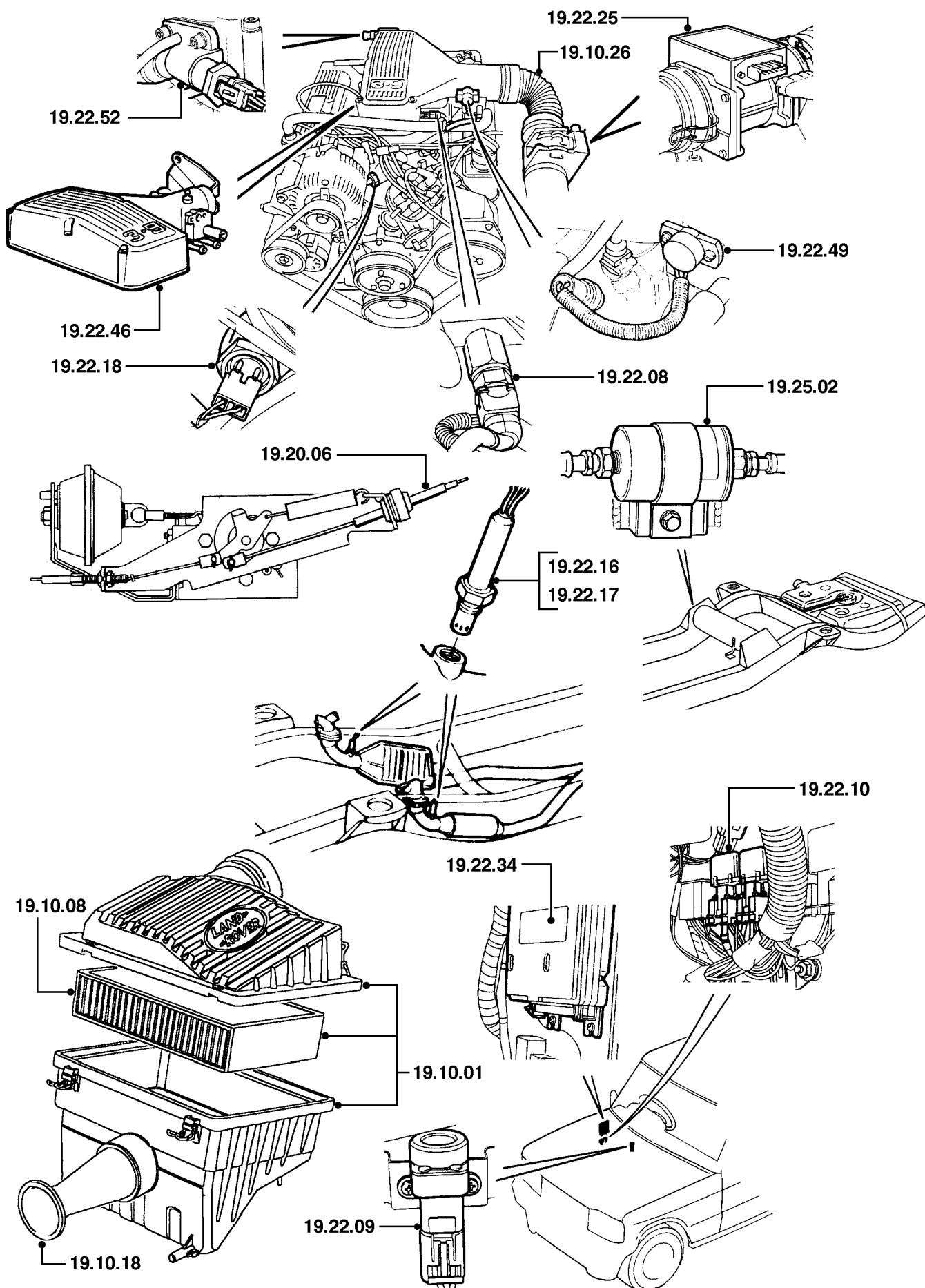
U - INACCURATE/SLIPPING

V - BULB/LIGHT UNIT FAILURE

W - VIBRATION/OUT OF BALANCE

X - BRAKE PULL/SURFACE DAMAGE

Z - INOPERATIVE



DIS RT17A

19 FUEL SYSTEM

CLASSIC V8

(Operations do not include tuning)

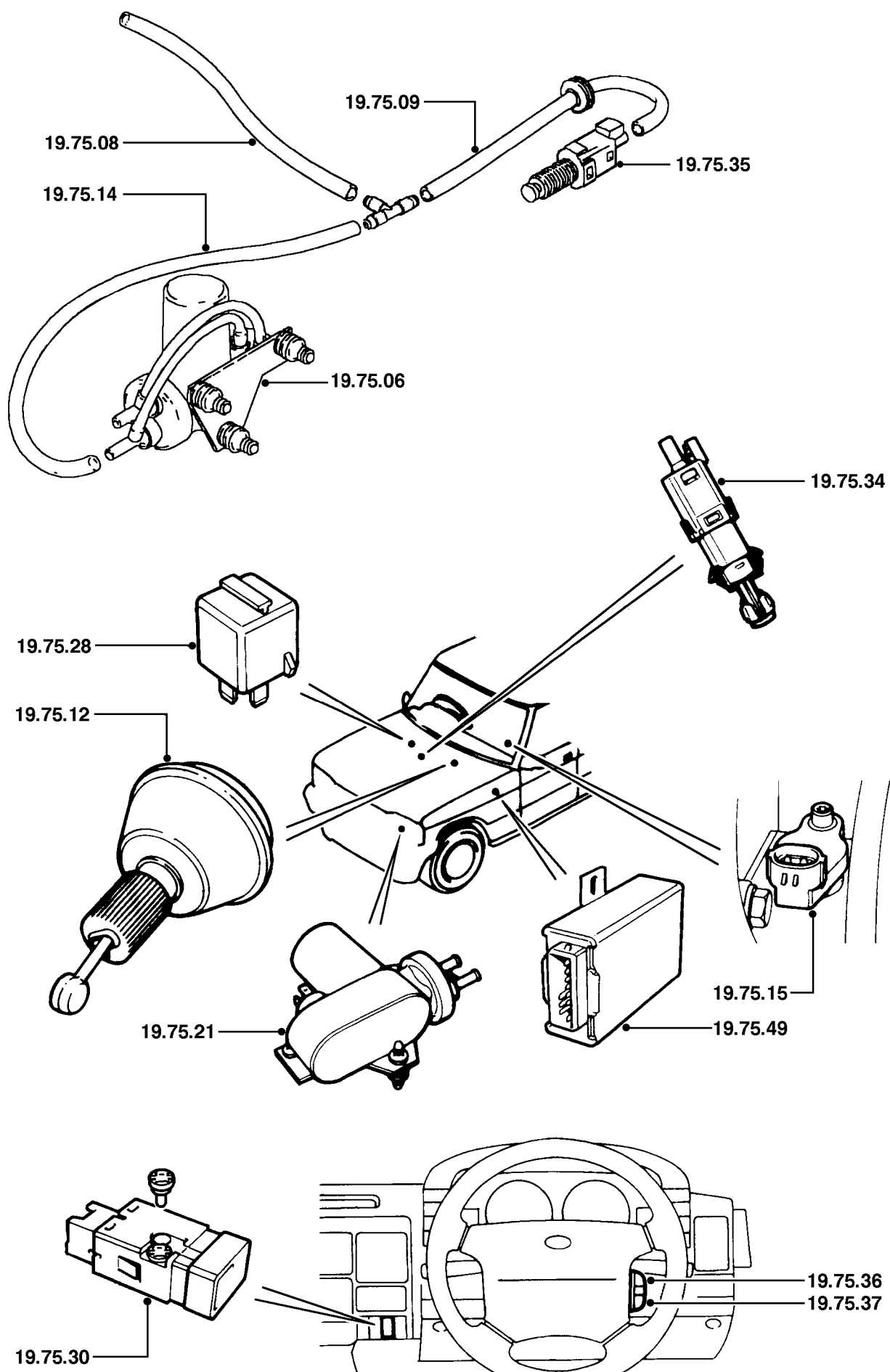
		E.F.I	
19.45	FUEL PUMP		
19.45.03	Pump - integral - fuel tank - rear - renew	00.95	7F9
19.45.06	Regulator - pressure - renew	00.60	2R6
19.45.07	Relay - fuel pump - renew	00.15	7F5
19.50	FUEL SYSTEM		
19.50.13	Fuel system - pressure test	00.65	*
19.55	FUEL TANK (Operations include drain fuel where applicable)		
19.55.07	Filler neck - renew	00.65	2Q0
19.55.08	Cap - fuel filler - renew.....	00.10	9M3
19.55.10	Sealing ring - fuel filler cap - renew	00.10	
19.55.12	Hose - filler neck to tank - renew	00.15	2Q0
19.55.14	Hose - breather - tank to filler neck - renew.....	00.20	2R2
19.55.17	Solenoid/motor - fuel filler flap release - renew	00.50	
19.55.18	Solenoid/motor - fuel filler flap release - adjust	00.10	
19.55.23	Switch - fuel filler flap release - renew	00.15	6P1
19.55.26	Tank - fuel - rear - renew	01.75	2Q8
19.60	INJECTORS & HEATER/GLOW PLUGS		
19.60.04	Fuel rail - renew	02.15	2N5
19.60.10	Injector - each - renew	01.75	2P2
19.60.10/01	Injectors - extra each - renew	00.10	2P2
19.60.12	Injectors - set - renew	02.10	2P2
19.70	VENTURI/AIR INTAKE		
19.70.04	Housing - assembly - ram pipe - renew	01.30	
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

19 FUEL SYSTEM

CLASSIC V8

(Operations do not include tuning)

		E.F.I	
19.75	CRUISE CONTROLS		
19.75.08	Hose - vacuum - throttle actuator to 'T' piece - renew	00.10	
19.75.09	Hose - vacuum - brake switch to 'T' piece - renew	00.30	
19.75.12	Actuator - throttle - renew	00.20	2W3
19.75.13	Link - throttle actuator - adjust	00.15	2W4
19.75.14	Hose - vacuum - control unit to 'T' piece - renew.....	00.10	
19.75.15	Transducer - road speed - renew	00.25	2T6
19.75.21	Pump - vacuum unit/heater recirculation flap - renew	00.25	2W5
19.75.28	Relay - renew	00.10	
19.75.30	Switch - engagement (on/off) - renew	00.15	
19.75.34	Switch - clutch - renew.....	00.50	2W8
19.75.35	Switch - brake - renew	00.50	2W7
19.75.36	Switch - set - renew	00.50	*
19.75.37	Switch - resume - renew	00.50	
19.75.38	Switch - brake - adjust	00.40	2W7
19.75.39	Switch - clutch - adjust.....	00.40	2W8
19.75.40	Electrical system - test.....	00.65	*
19.75.49	E.C.U. - renew	00.40	2W2
19.90	DIAGNOSIS		
	(Operations are based on the procedures in the Repair Operation Manual and/or using approved test equipment)		
19.90.06/01	Fuel pressure - test	00.30	*
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



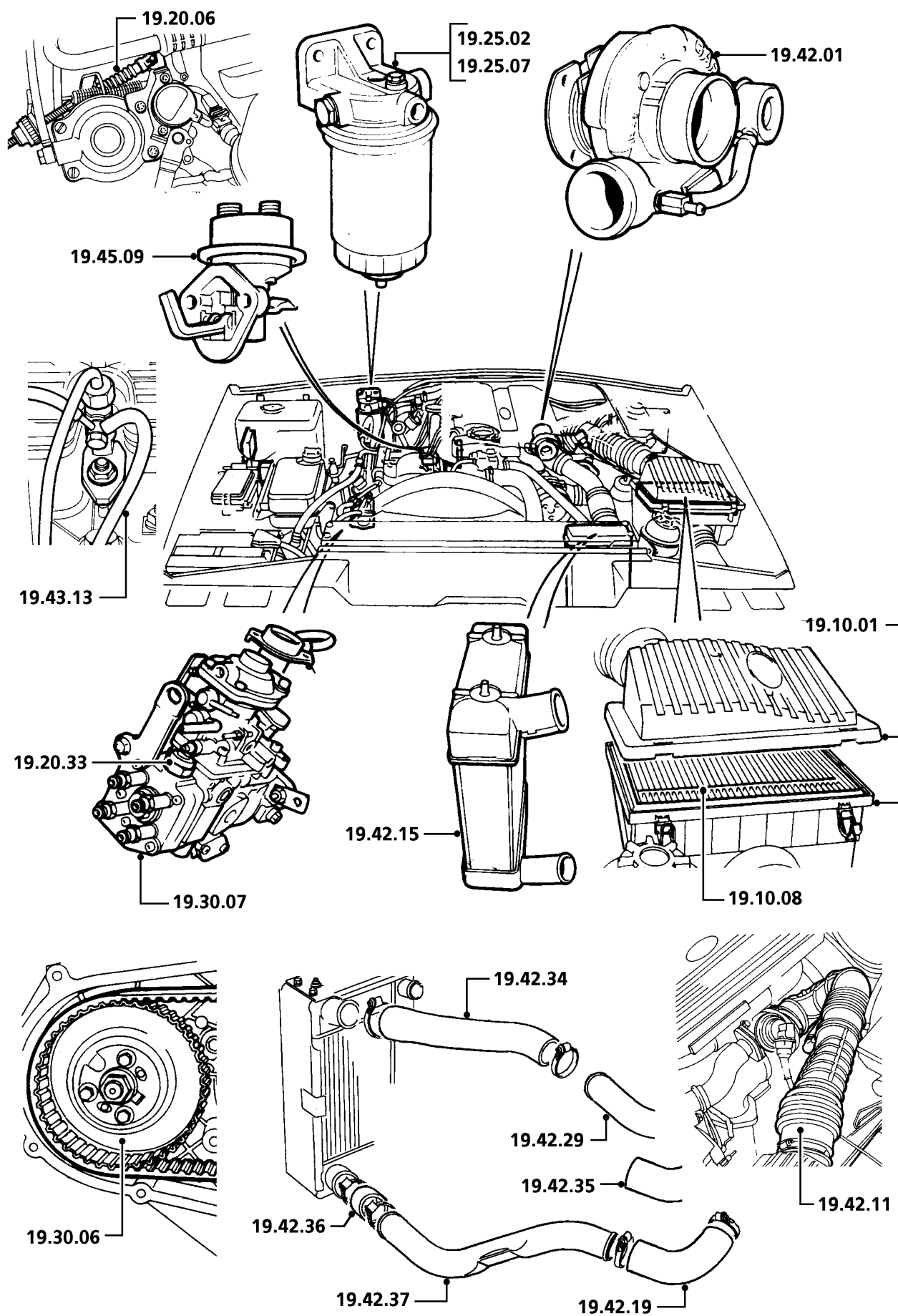
DIS RT19B

19 FUEL SYSTEM

CLASSIC Tdi

(Operations do not include tuning)

		300 Tdi	
19.10	AIR CLEANERS AND HOSES		
19.10.01	Air cleaner(s) - renew	00.20	2F1
19.10.08	Elements - air cleaner(s) - renew.....	00.10	2F4
19.20	CONTROLS		
19.20.06	Cable - throttle - renew	00.20	2K5
19.20.33	Solenoid - stop control - renew	00.10	2P9
19.22	ELECTRONIC FUEL DISTRIBUTION EQUIPMENT		
19.22.09	Switch - inertia - fuel cut off - renew.....	00.15	6P2
19.25	FUEL FILTERS		
19.25.02	Filter - main - renew.....	00.30	2R3
19.25.07	Element - main filter - renew	00.25	*
19.30	FUEL INJECTION PUMP (DIESEL)		
19.30.01	Injection pump timing - check & adjust	00.75	*
19.30.01/20	Injection pump timing - check & adjust - air conditioning fitted	00.95	*
19.30.06	Gear - timing belt - injector pump - renew	03.15	
19.30.06/20	Gear - timing belt - injector pump - renew - air conditioning fitted .	03.35	
19.30.07	Injection pump - renew - includes checking & timing	01.95	2P1
19.30.07/20	Injection pump - renew - includes checking & timing - air conditioning fitted.....	02.25	2P1
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



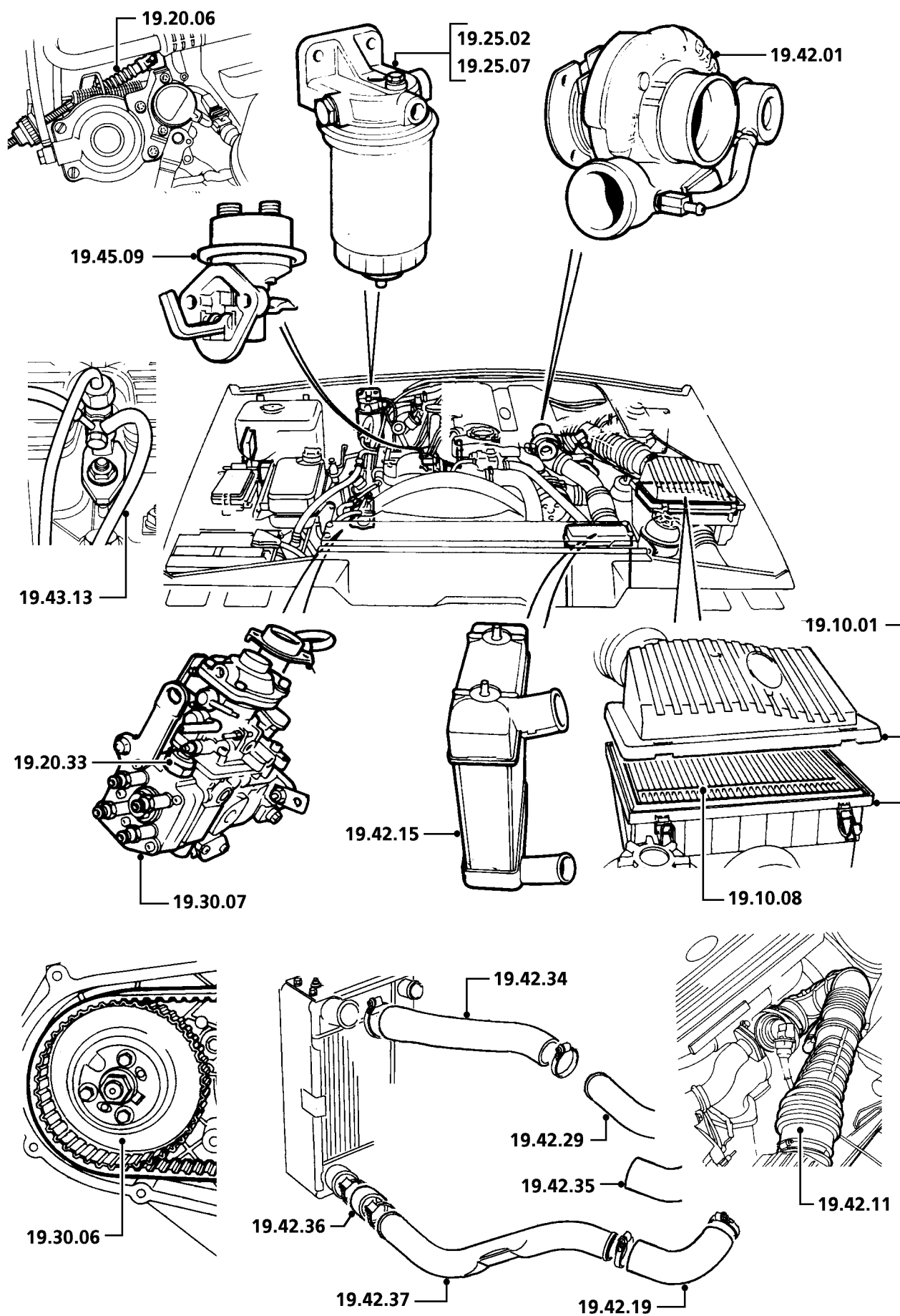
DIS RT90

19 FUEL SYSTEM

CLASSIC Tdi

(Operations do not include tuning)

		300 Tdi	
19.42	TURBOCHARGERS		
19.42.01	Turbocharger - renew	01.55	2Y1
19.42.07	Turbocharger - boost pressure - adjust (includes 19.90.30)	01.50	*
19.42.08	Turbocharger - clean (includes 19.42.07)	02.55	*
19.42.11	Hose - intake - turbocharger - renew	00.15	2Y3
19.42.15	Intercooler - renew	01.10	2Y2
19.42.19	Hose - intercooler pipe to turbo outlet pipe - renew	00.15	2Y3
19.42.27	Hose - connector pipe - turbo to inlet manifold - renew	00.20	2Y3
19.42.29	Pipe - intercooler to induction manifold - renew	00.25	2Y3
19.42.34	Hose - intercooler pipe to intercooler outlet pipe - renew	00.15	2Y3
19.42.35	Hose - intercooler pipe to induction manifold - renew	00.15	2Y3
19.42.37	Pipe - intercooler to turbocharger - renew	00.25	2Y3
19.43	FUEL PIPES & HOSES (DIESEL)		
19.43.13	Pipe - return - injectors to pump - renew	00.25	2P3
19.45	FUEL PUMP		
19.45.09	Lift pump - fuel - renew	00.40	
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



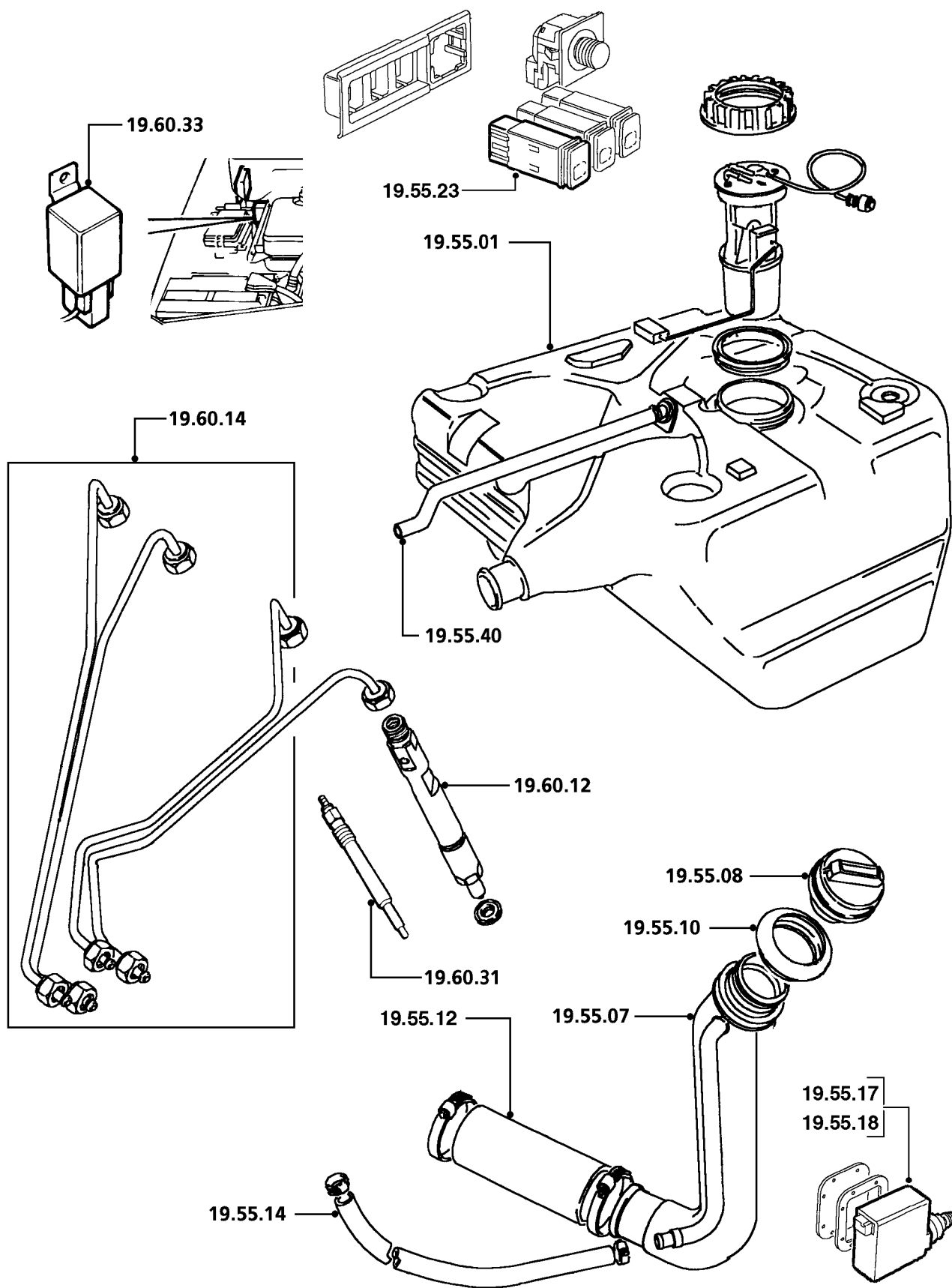
DIS RT90

19 FUEL SYSTEM

CLASSIC Tdi

(Operations do not include tuning)

		300 Tdi	
19.50	FUEL SYSTEM		
19.50.01	Fuel system - priming	00.15	
19.50.07	Fuel system - bleed	00.15	2Q0
19.55	FUEL TANK		
	(Operations include drain fuel where applicable)		
19.55.01	Tank - renew	01.75	2Q8
19.55.07	Filler neck - renew	00.40	2Q0
19.55.08	Cap - fuel filler - renew.....	00.10	9M3
19.55.10	Sealing ring - fuel filler cap - renew	00.10	
19.55.12	Hose - filler neck to tank - renew	00.15	2Q0
19.55.14	Hose - breather - tank to filler neck - renew.....	00.20	2R2
19.55.17	Solenoid/motor - fuel filler flap release - renew	00.50	
19.55.18	Solenoid/motor - fuel filler flap release - adjust	00.10	
19.55.23	Switch - fuel filler flap release - renew	00.15	6P1
19.55.40	Return hose - main line to tank - renew	02.55	2P4
19.60	INJECTORS & HEATER/GLOW PLUGS		
19.60.12	Injectors - set - renew	00.55	2P2
19.60.14	Injection pipes - set/gallery - renew	00.35	2P3
19.60.31	Heater/glow plugs - set - renew	00.35	7F1
19.60.33	Control unit - heater/glow plugs - renew	00.10	7F1
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

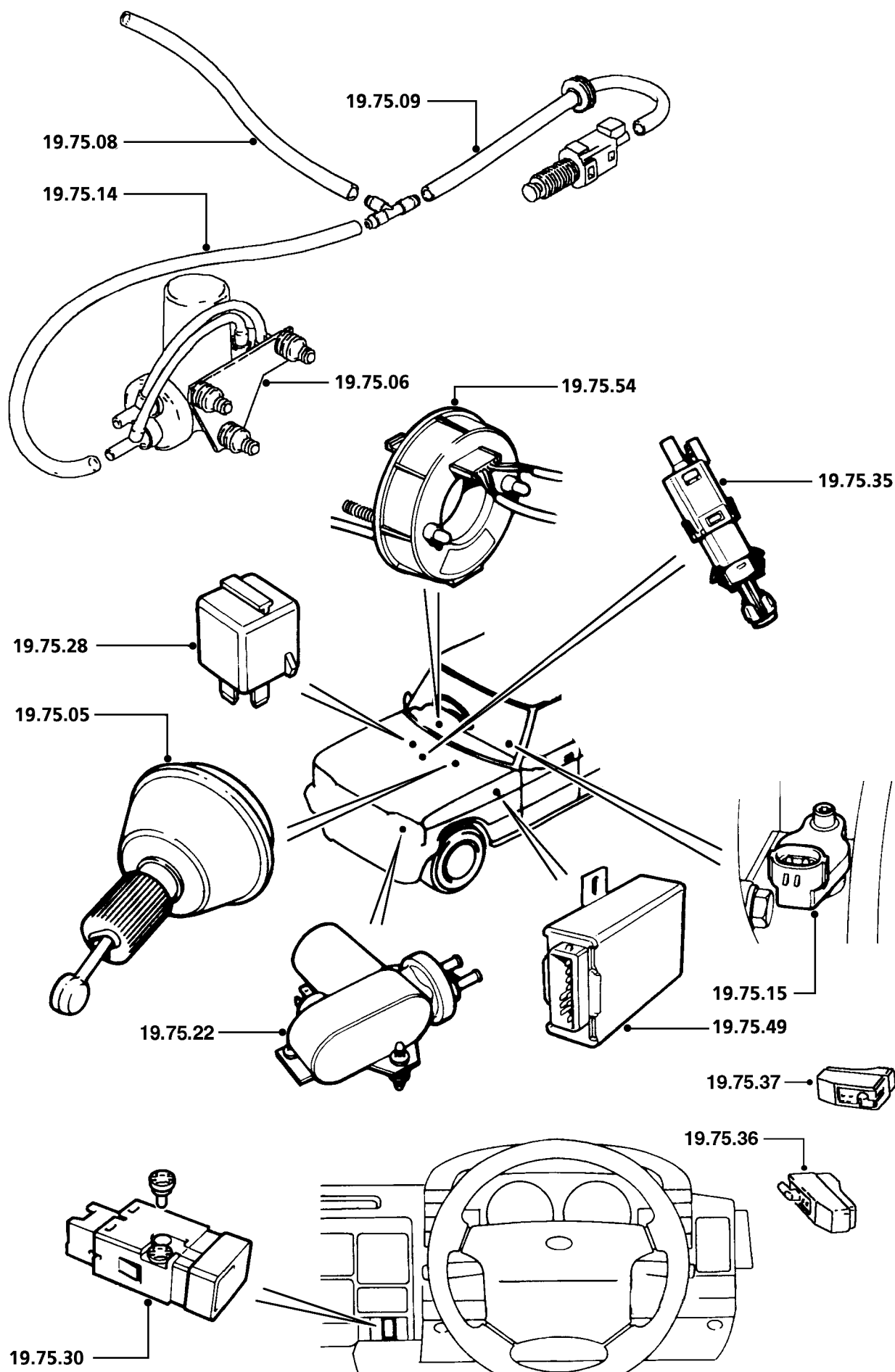


19 FUEL SYSTEM

CLASSIC Tdi

(Operations do not include tuning)

		300 Tdi	
19.75	CRUISE CONTROLS		
19.75.05	Actuator unit - renew	00.10	2W3
19.75.06	Control unit - vacuum - renew	00.25	2W2
19.75.08	Hose - vacuum - throttle actuator to 'T' piece - renew	00.05	
19.75.09	Hose - vacuum - brake switch to 'T' piece - renew	00.15	
19.75.14	Hose - vacuum - control unit to 'T' piece - renew.....	00.35	
19.75.15	Transducer - road speed - renew	00.15	2T6
19.75.28	Relay - renew	00.15	
19.75.30	Switch - engagement (on/off) - renew	00.05	
19.75.35	Switch - brake - renew	00.15	2W7
19.75.36	Switch - set - renew	00.50	*
19.75.37	Switch - resume - renew	00.50	
19.75.49	E.C.U. - renew	00.25	2W2
19.90	DIAGNOSIS		
	(Operations are based on the procedures in the Repair Operation Manual and/or using approved test equipment)		
19.90.30	Turbocharger - boost pressure - check	00.60	*
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

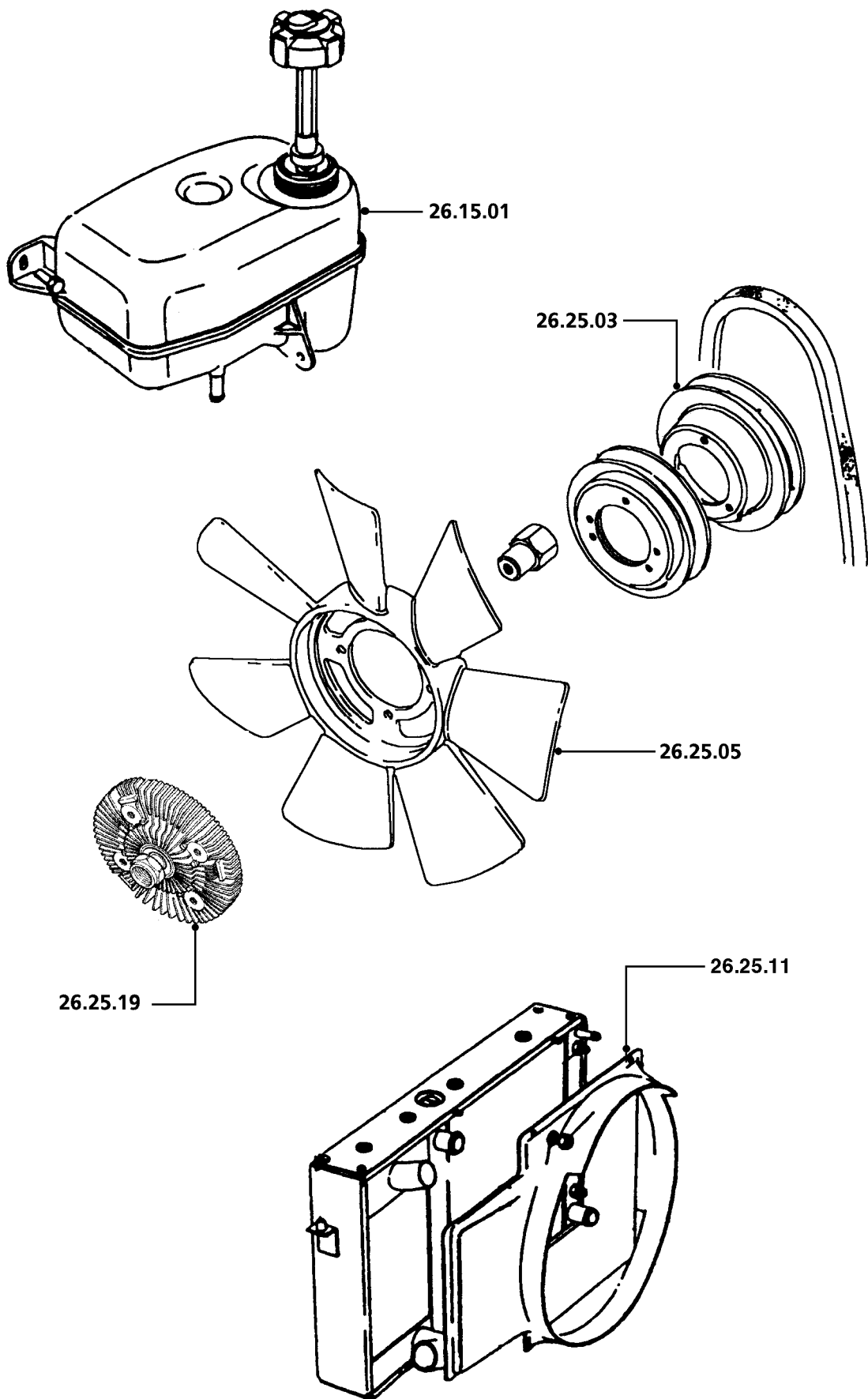


26 COOLING SYSTEM

CLASSIC V8

(Operations include drain, refill, bleed system and pressure test where necessary)

		E.F.I	
26.10	COOLANT & SYSTEM		
26.10.01	Coolant - drain, flush & refill.....	00.50	-
26.10.07	System - pressure test.....	00.10	-
26.15	EXPANSION TANKS		
26.15.01	Tank - renew	00.50	2C7
26.25	FAN BLADES & PULLEYS		
26.25.03	Pulley - water pump - renew	00.40	2H8
26.25.05	Fan blades - set - renew	00.25	2C1
26.25.11	Cowl - fan - renew	00.25	2C1
26.25.19	Coupling unit - viscous fan - renew	00.25	2C2
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



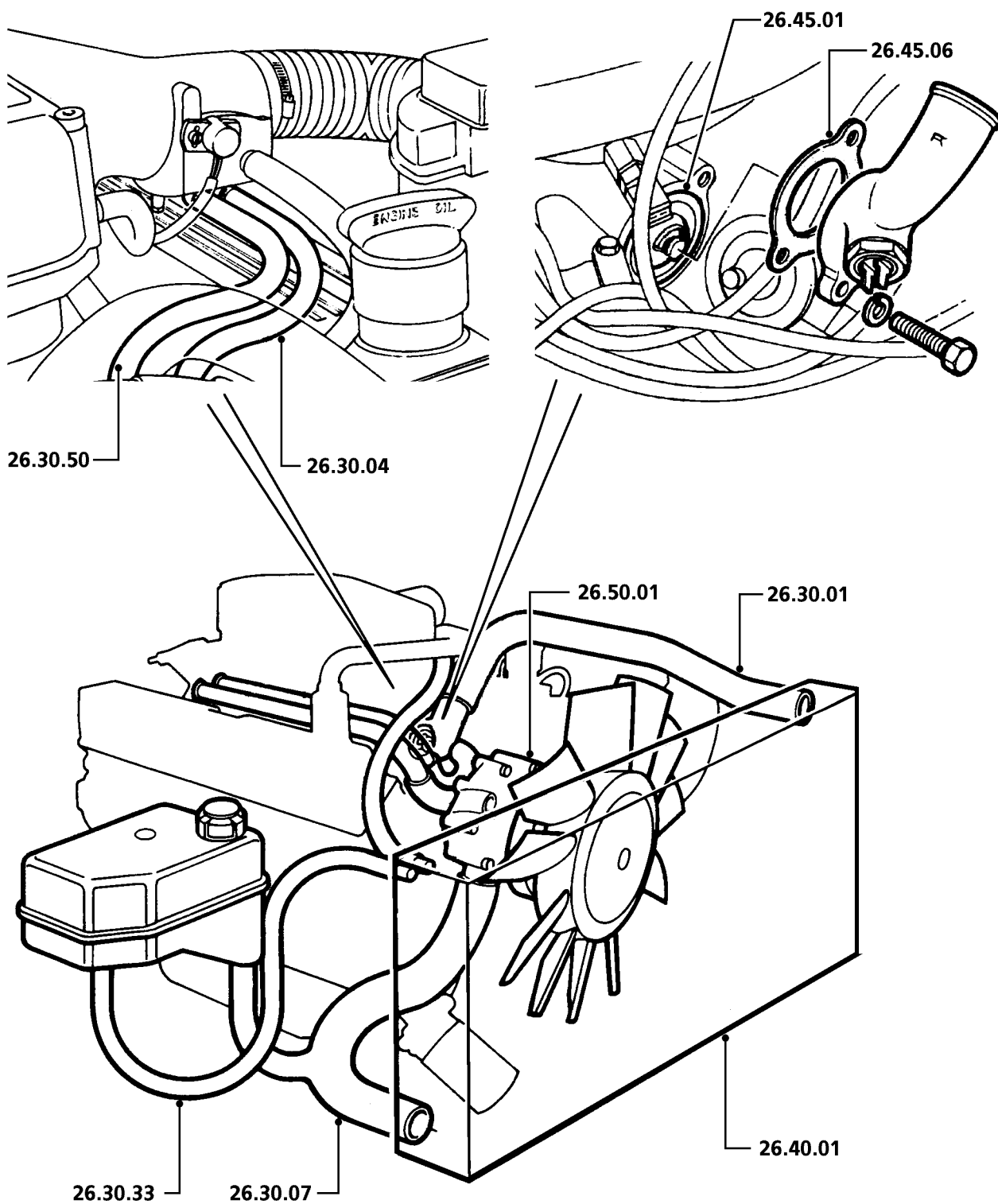
DIS RT21

26 COOLING SYSTEM

CLASSIC V8

(Operations include drain, refill, bleed system and pressure test where necessary)

		E.F.I	
26.30	HOSES & PIPES		
26.30.01	Hose - top - radiator - renew	00.45	2E1
26.30.04	Hose - radiator to throttle housing - renew.....	00.15	2E9
26.30.07	Hose - bottom - radiator - renew	00.90	2E2
26.30.33	Hose - radiator to expansion tank - renew	00.15	2E6
26.30.50	Hose - manifold to throttle housing - renew	00.60	2E9
26.40	RADIATOR		
26.40.01	Radiator assembly - renew	01.25	2C5
26.45	THERMOSTAT		
26.45.01	Thermostat - renew	00.55	2C4
26.45.06	Gasket - thermostat housing - LH/single - renew.....	00.55	2U8
26.45.09	Thermostat - test - includes fit new thermostat if necessary	00.70	2C4
26.50	WATER PUMP		
26.50.01	Pump - water - renew	01.00	2C3
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



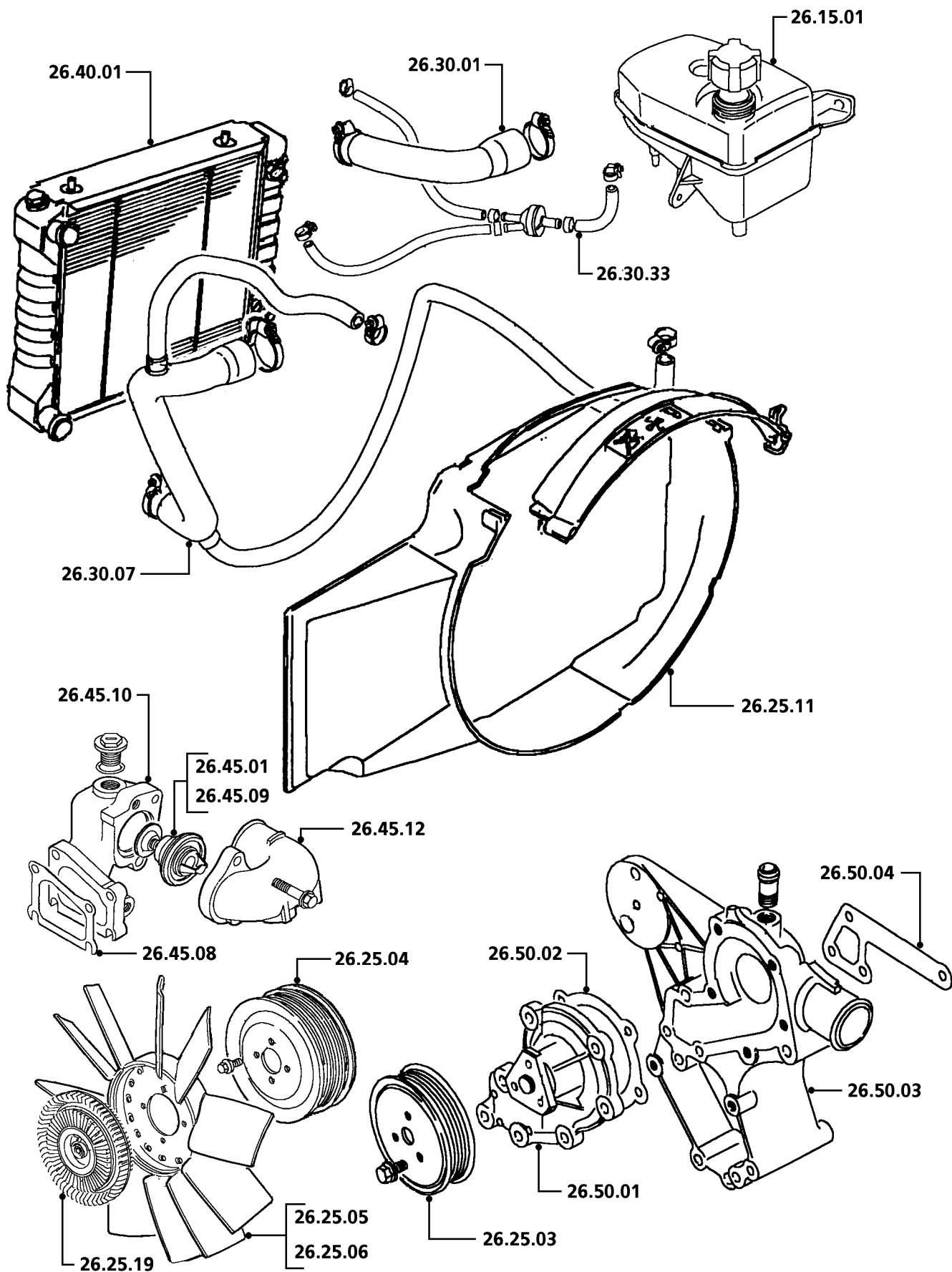
DIS RT22

26 COOLING SYSTEM

CLASSIC Tdi

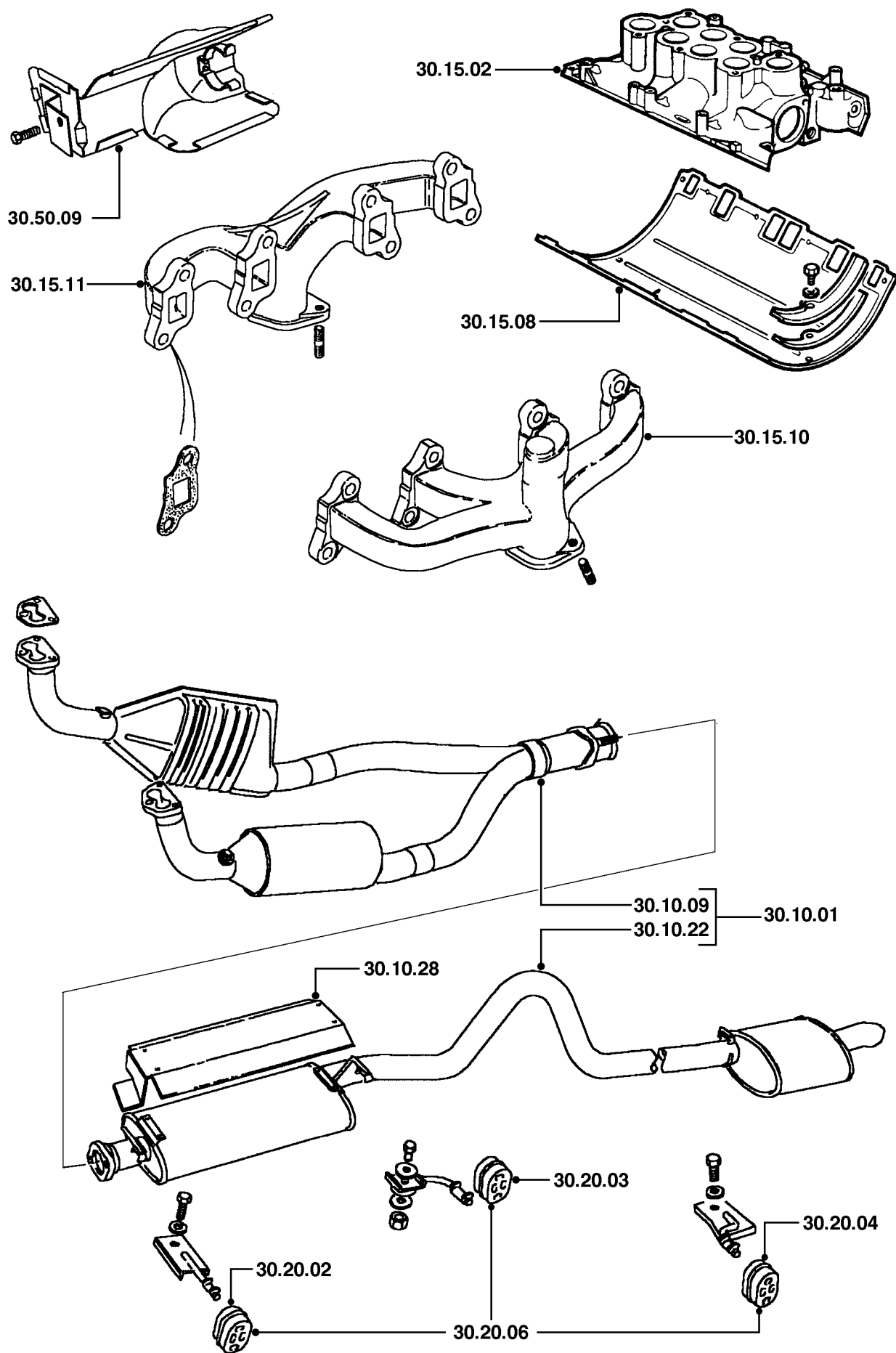
(Operations include drain, refill, bleed system and pressure test where necessary)

		300 Tdi	
26.10	COOLANT & SYSTEM		
26.10.01	Coolant - drain, flush & refill.....	00.50	-
26.10.07	System - pressure test.....	00.10	-
26.15	EXPANSION TANKS		
26.15.01	Tank - renew	00.25	2C7
26.25	FAN BLADES & PULLEYS		
26.25.03	Pulley - water pump - renew	00.50	2H8
26.25.04	Pulley - viscous fan - renew.....	00.50	2C2
26.25.05	Fan blades - set - renew	00.30	2C1
26.25.11	Cowl - fan - renew	00.90	2C1
26.25.19	Coupling unit - viscous fan - renew	00.30	2C2
26.30	HOSES & PIPES		
26.30.01	Hose - top - radiator - renew	00.50	2E1
26.30.07	Hose - bottom - radiator - renew	00.60	2E2
26.30.33	Hose - radiator to expansion tank - renew.....	00.15	2E6
26.40	RADIATOR		
26.40.01	Radiator assembly - renew	01.35	2C5
26.45	THERMOSTAT		
26.45.01	Thermostat - renew	00.60	2C4
26.45.08	Gasket - thermostat housing to cylinder head - renew	00.80	2U8
26.45.09	Thermostat - test - includes fit new thermostat if necessary	00.75	2C4
26.45.10	Housing - thermostat - renew	00.95	2D5
26.45.12	Cover - thermostat - LH/single - renew	00.65	2D5
26.50	WATER PUMP		
26.50.01	Pump - water - renew	01.45	2C3
26.50.02	Gasket - water pump - renew	01.45	2V7
26.50.03	Housing - water pump - renew.....	02.30	2V7
26.50.04	Gasket - water pump housing - reseal or renew	01.90	2V7
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



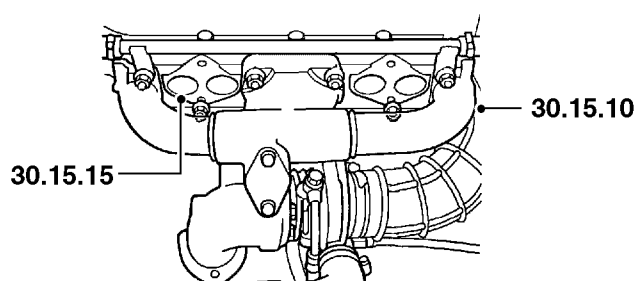
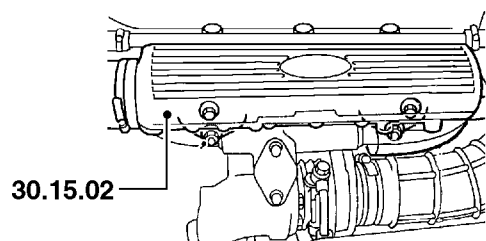
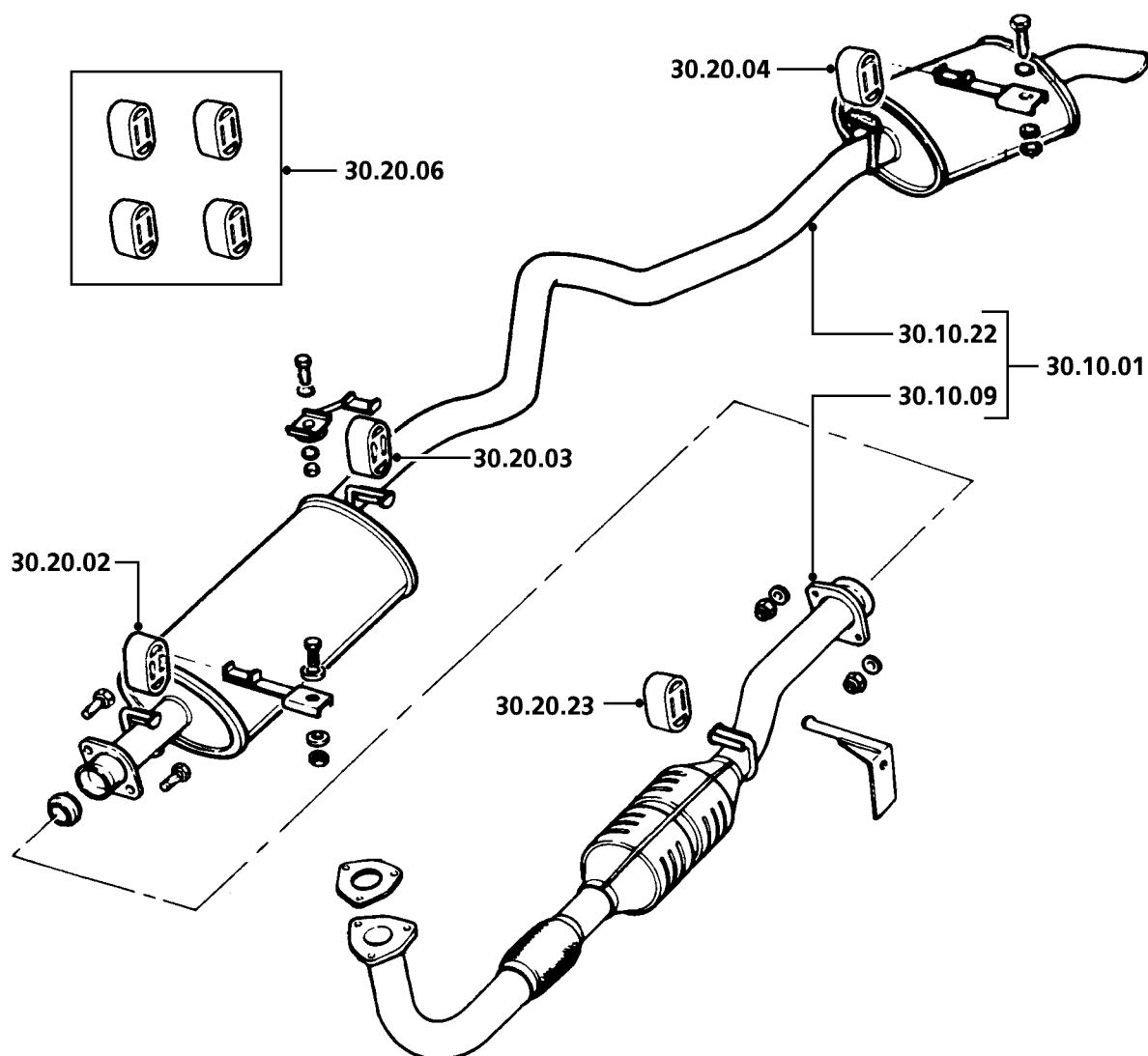
DIS RT93

		E.F.I	
30.10	EXHAUST SYSTEM		
30.10.01	Exhaust system - renew	02.20	*
30.10.01/45	Exhaust system - renew - air suspension fitted	02.65	*
30.10.09	Front pipe - renew	00.75	2S3
30.10.22	Tail pipe & silencer - renew	01.35	2S9
30.10.22/45	Tail pipe & silencer - renew - air suspension fitted	01.75	2S9
30.10.28	Heat shield - front pipe - renew	00.20	2T2
30.15	MANIFOLDS		
30.15.02	Manifold - induction - LH/front/each - renew	02.70	2S1
30.15.08	Gasket(s) - induction manifold - LH/each - renew	02.05	2U1
30.15.09	Heat shield - exhaust manifold - renew	00.20	2T2
30.15.10	Manifold - exhaust - LH/front/each - renew	00.70	2S1
30.15.11	Manifold - exhaust - RH/rear - renew.....	01.05	2S1
30.20	MOUNTINGS		
30.20.02	Mounting rubber - front - renew	00.15	2T1
30.20.03	Mounting rubber - centre - renew	00.15	2T1
30.20.04	Mounting rubber - rear - each - renew	00.15	2T7
30.20.06	Mountings - set - renew	00.30	2T1
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



DIS RT25A

		300 Tdi	
30.10	EXHAUST SYSTEM		
30.10.01	Exhaust system - renew	01.10	*
30.10.09	Front pipe - renew	00.40	2S3
30.10.22	Tail pipe & silencer - renew	00.45	2S9
30.15	MANIFOLDS		
30.15.02	Manifold - induction - LH/front/each - renew	00.40	2S1
30.15.09	Heat shield - exhaust manifold - renew	00.10	2T2
30.15.10	Manifold - exhaust - LH/front/each - renew	01.60	2S1
30.15.15	Gasket(s) - induction & exhaust manifolds - renew	00.90	*
30.20	MOUNTINGS		
30.20.02	Mounting rubber - front - renew	00.15	2T1
30.20.03	Mounting rubber - centre - renew	00.15	2T1
30.20.04	Mounting rubber - rear - each - renew	00.15	2T7
30.20.06	Mountings - set - renew	00.55	2T1
30.20.23	Mounting rubber - down pipe - front - renew	00.20	2T1
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

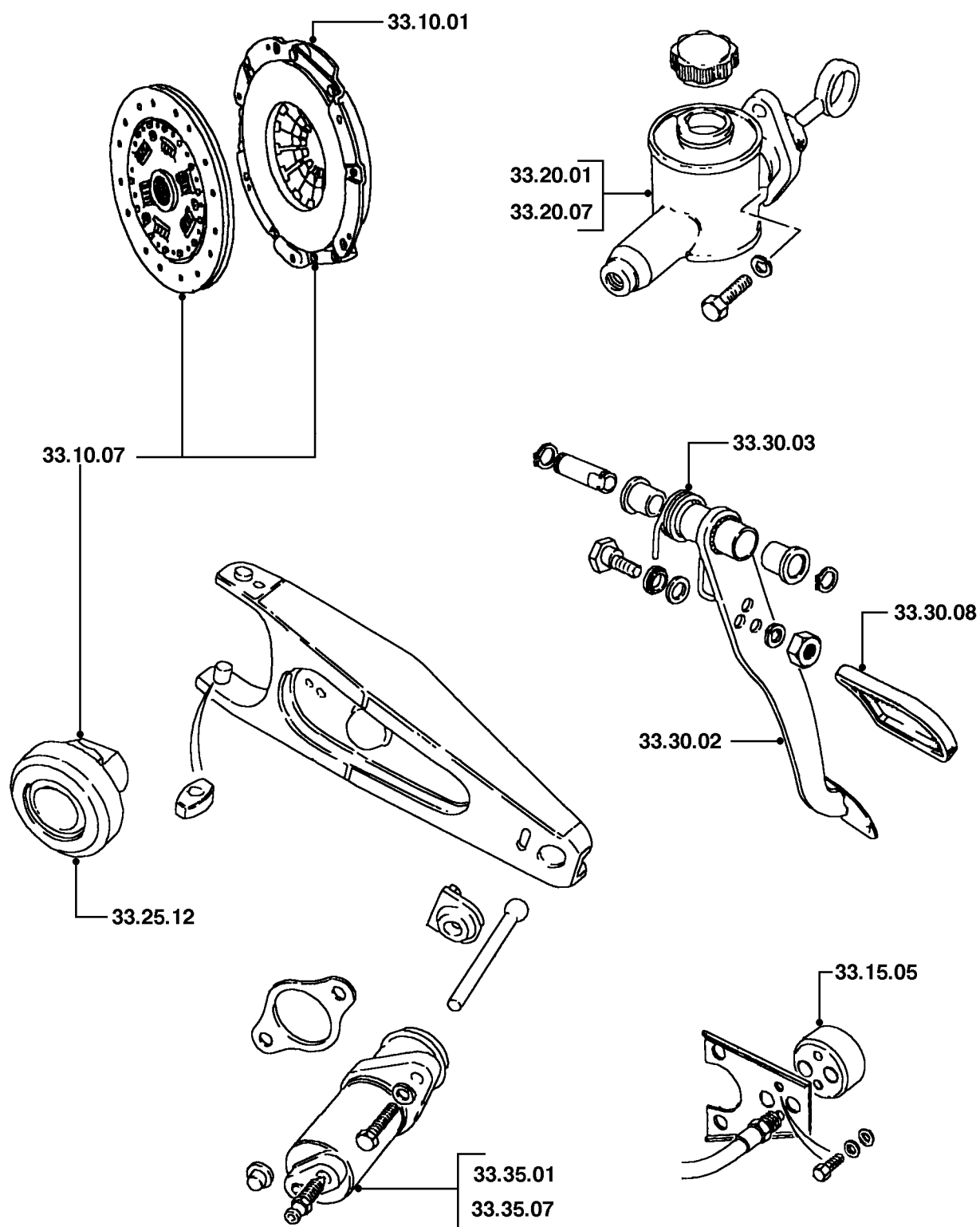


33 CLUTCH

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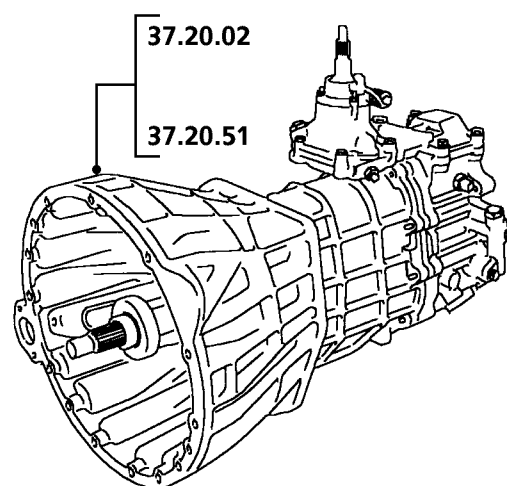
(Operations include bleeding hydraulic system where necessary)

		E.F.I	300 Tdi	
33.10	CLUTCH ASSEMBLY (Operations include check/adjust throw out stop clearance where necessary)			
33.10.01	Clutch assembly - renew	05.40	04.85	*
33.10.01/01	Clutch assembly - renew - with gearbox removed	00.10	00.15	*
33.10.07	Clutch assembly/drive plate & release bearing - renew	05.45	04.90	*
33.15	HYDRAULIC SYSTEM			
33.15.01	Hydraulic system - bleed	00.15	00.15	*
33.15.05	Damper - clutch - renew		00.35	3B9
33.20	MASTER CYLINDER			
33.20.01	Cylinder - master - renew	00.60	00.60	3B4
33.20.07	Cylinder - master - overhaul	00.75	00.75	3B4
33.25	MECHANICAL LINKAGE & RELEASE (Operations include check/adjust throw out stop clearance where necessary)			
33.25.12	Bearing - release - renew	05.20	04.75	3A3
33.30	PEDAL ASSEMBLIES			
33.30.08	Rubber - clutch pedal - renew	00.10	00.10	3B6
33.35	SLAVE CYLINDER			
33.35.01	Cylinder - slave - renew	00.45	00.45	3B5
33.35.07	Cylinder - slave - overhaul	00.50	00.50	3B5
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE				

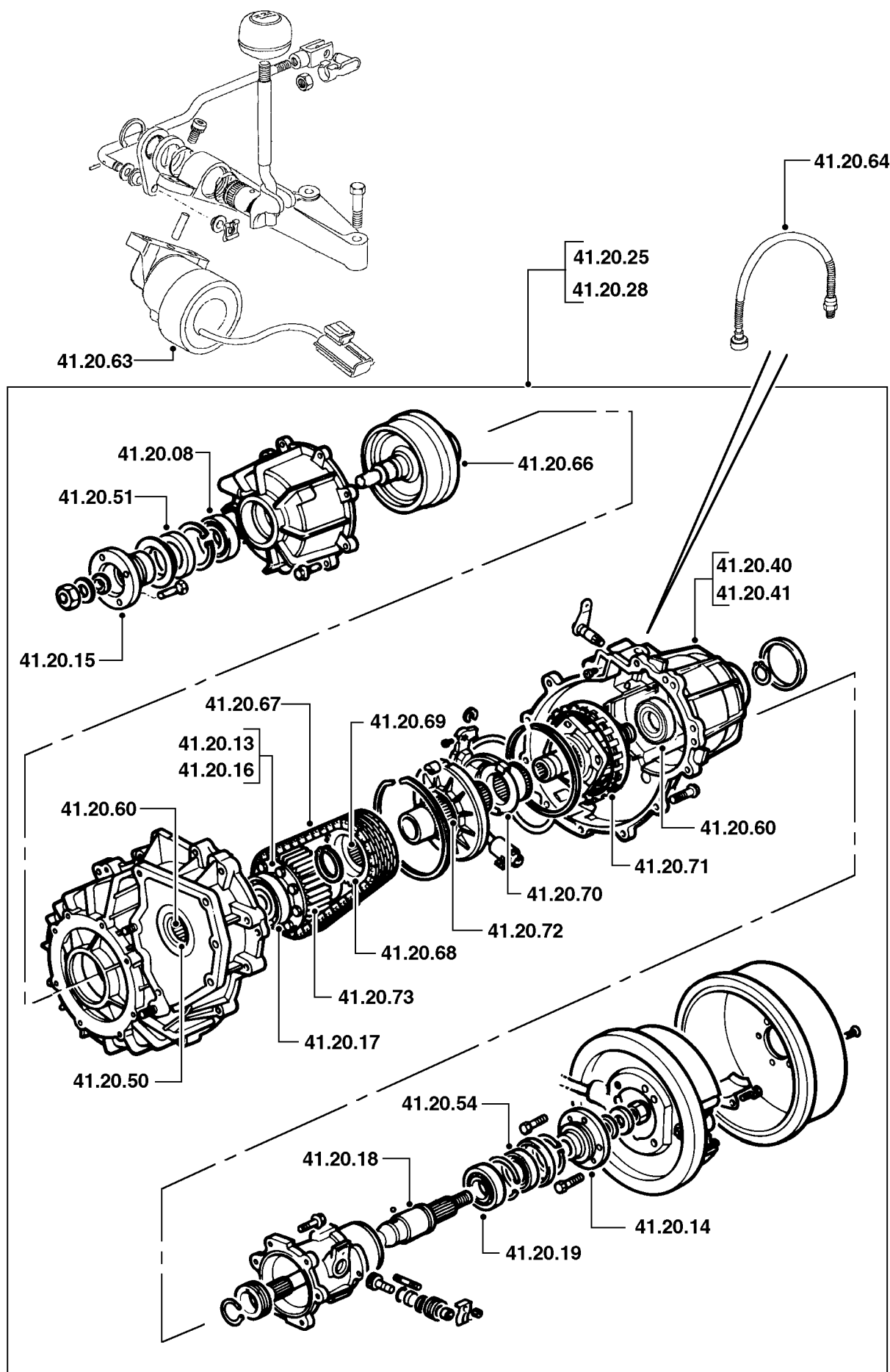


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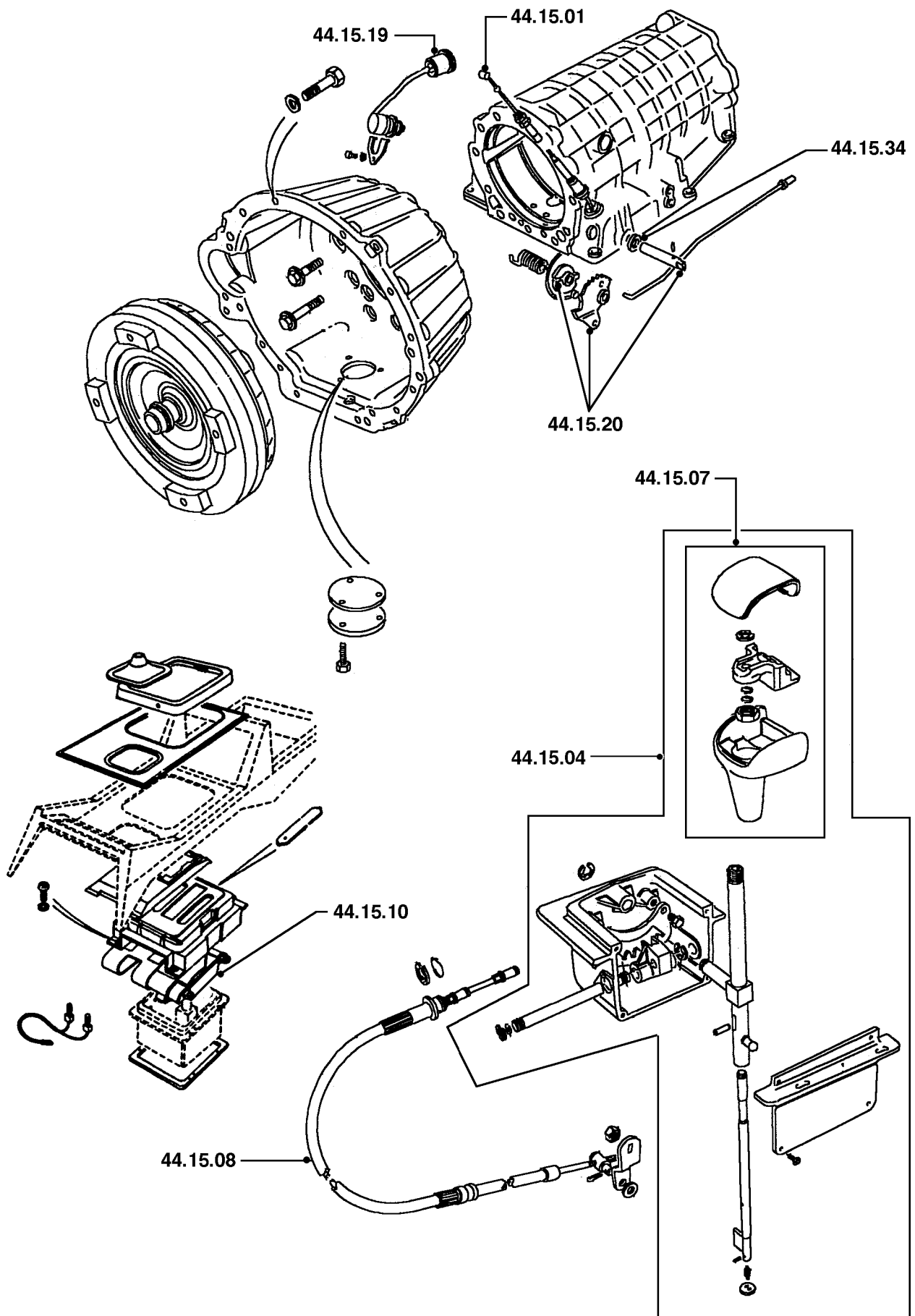
		E.F.I	300 Tdi	
37.20	GEARBOX ASSEMBLY			
37.20.02	Gearbox - renew	07.20	06.25	*
37.20.51	Main gearbox and transfer gearbox assembly - renew	06.05	05.55	*
A - WRONGLY ADJUSTED B - POROUS/ADRIPT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE				



		E.F.I	300 Tdi	
41.20	TRANSFER GEARBOX			
41.20.08	Bearing - front output shaft - renew	02.75	01.80	3N3
41.20.13	Differential assembly - renew	06.40	06.05	3L9
41.20.14	Drive flange - rear output shaft - renew	00.60	00.60	3N5
41.20.15	Drive flange - front output shaft - renew.....	00.50	00.50	3N5
41.20.16	Differential assembly - overhaul	08.30	07.95	3L9
41.20.17	Bearings - differential assembly - renew	06.10	05.75	
41.20.18	Output shaft - rear - renew.....	01.25	01.25	3N2
41.20.19	Bearing - rear output shaft - renew	01.25	01.25	3N2
41.20.25	Transfer gearbox - renew	04.70	04.70	*
41.20.28	Transfer gearbox - overhaul	10.70	10.15	*
41.20.40	Housing - selector lever - renew	01.10	01.10	3W8
41.20.41	Housing - selector lever - overhaul	01.25	01.25	3W8
41.20.46	Linkage/cable - high-low selector - adjust	01.20	01.20	3W8
41.20.50	Oil seal - input shaft - renew	04.45	04.45	3R6
41.20.50/01	Oil seal - input shaft - renew - transfer gearbox removed	00.10	00.10	3R6
41.20.51	Oil seal(s) - front output shaft - renew	00.55	00.55	3R7
41.20.54	Oil seal(s) - rear output shaft - renew	00.75	00.75	3R7
41.20.60	Input gear/bearing - renew.....	05.05	05.05	3H5
41.20.63	Solenoid - high-low gearshift interlock - renew	00.85	00.85	3T9
41.20.64	Switch - audible alarm - gearshift neutral - renew	00.80	00.80	3T0
41.20.65	Knob - high-low selector lever - renew	00.10	00.10	3L3
41.20.66	Coupling - viscous - renew	02.45	01.50	3W1
41.20.67	Drive chain - renew	05.85	05.50	3W3
41.20.68	Gear - high/low drive - renew.....	05.85	05.50	3W2
41.20.69	Bearing - high/low housing - renew	06.05	05.70	
41.20.70	Sleeve - high/low selector gear - renew.....	06.10	05.75	
41.20.71	Gears - planetary set - low range - renew	06.45	06.10	3W7
41.20.72	Bearing - sun gear - renew	06.55	06.25	
41.20.73	Gear - driven - differential unit - renew	06.35	06.05	3W3
41.20.74	Drive shaft - high/low housing - renew.....	06.05	05.70	

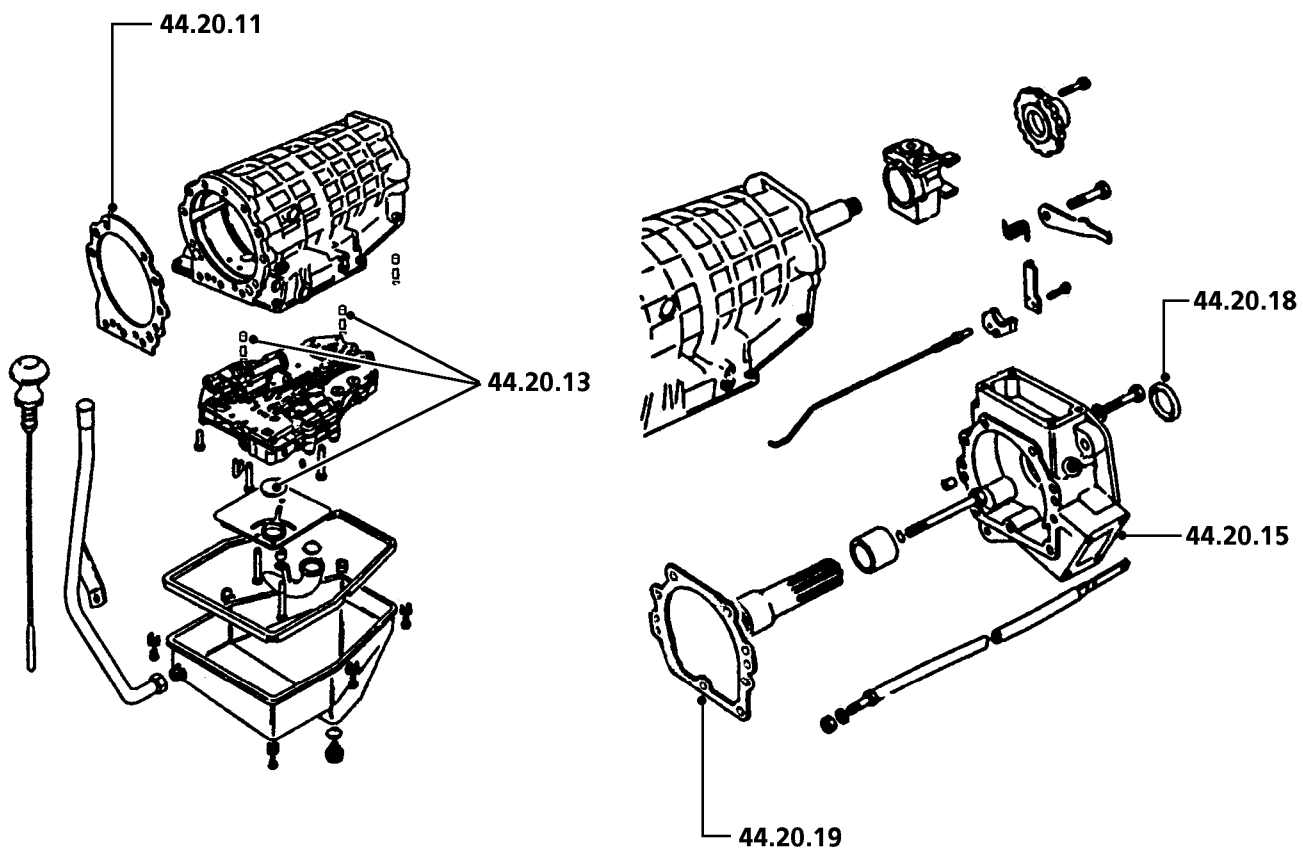
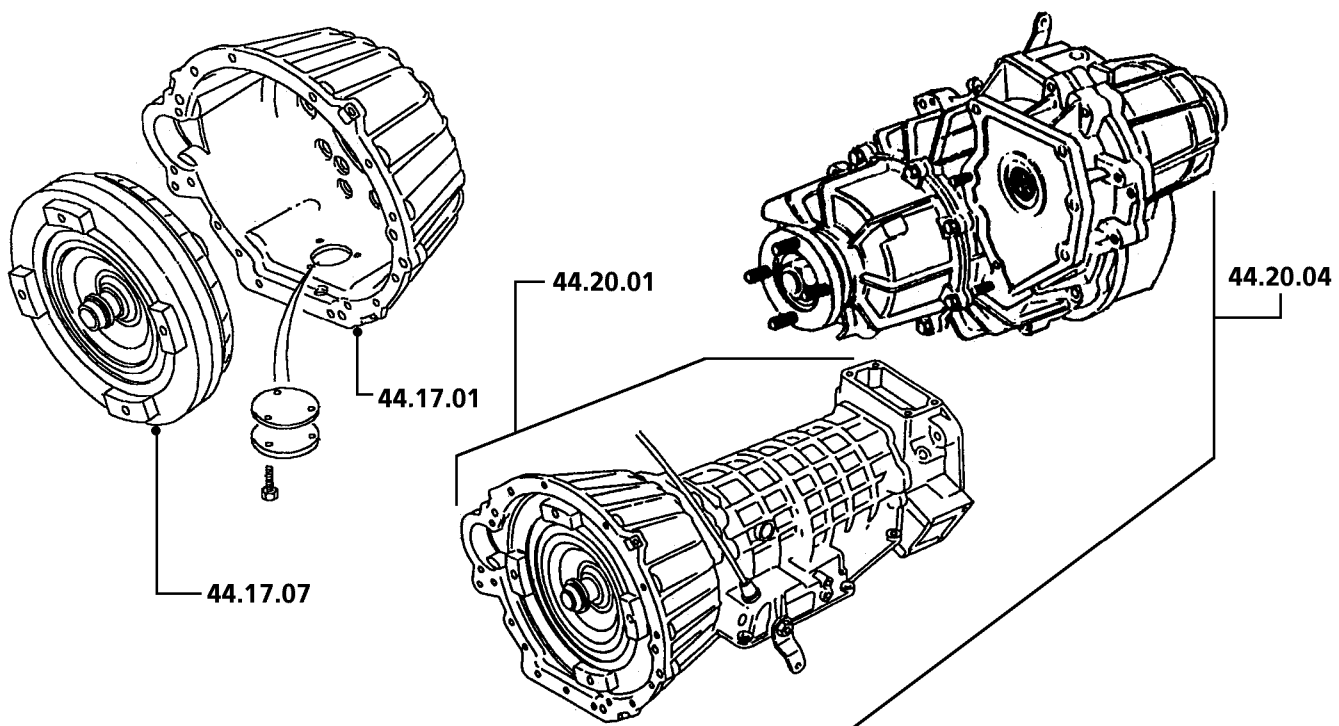


		E.F.I	
44.15	CONTROLS & LINKAGE		
44.15.01	Cable/control - kickdown - renew.....	01.90	4F5
44.15.04	Lever - gearshift selector assembly - renew	00.70	4F1
44.15.08	Rod/cable assembly - selector - renew	01.05	4F3
44.15.10	Indicator - selector - renew	00.25	4F8
44.15.19	Switch - starter inhibitor - renew	00.15	7H2
44.15.20	Selector shaft, cams & stop plate - renew	07.25	4F2
44.15.34	Oil seal - selector shaft - renew	01.40	4H8
44.15.37	Relay(s) - gearshift interlock - renew	00.25	4B3
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



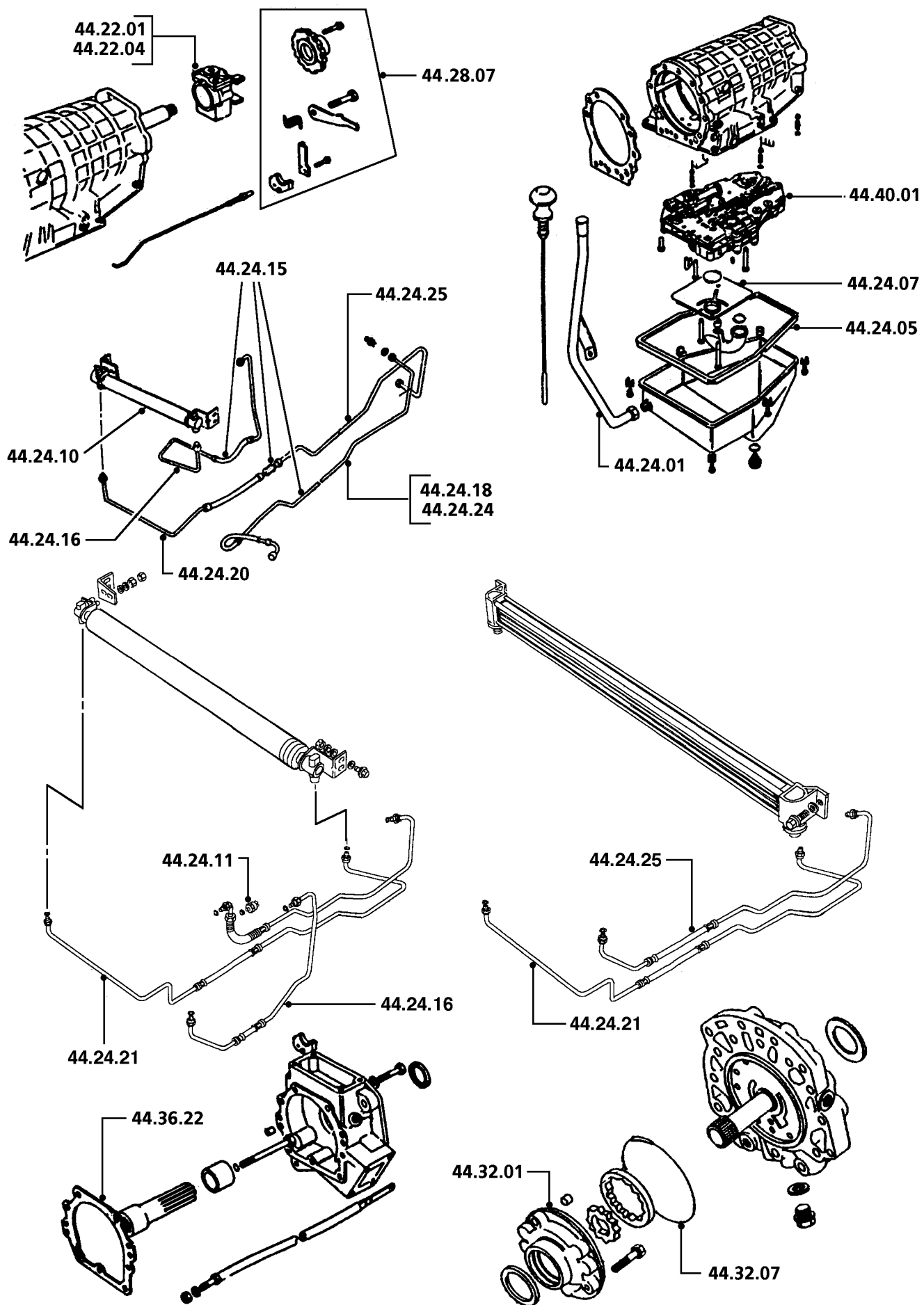
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		E.F.I	
44.17	CONVERTER, HOUSING & PRIMARY DRIVE		
44.17.01	Housing - converter - renew	06.80	4A2
44.17.07	Converter assembly - renew	05.90	4A4
44.20	GEARBOX ASSEMBLY & CASINGS		
44.20.01	Gearbox - renew	07.45	*
44.20.04	Gearbox/converter and transfer gearbox assembly - renew	06.55	*
44.20.11	Gasket - intermediate plate - renew.....	06.20	*
44.20.13	Oil seals - control unit - renew	02.45	
44.20.15	Housing - rear extension - renew.....	05.05	
44.20.18	Oil seal - rear extension housing - renew	04.35	4J5
44.20.19	Gasket - rear extension housing - renew	04.85	4J8
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



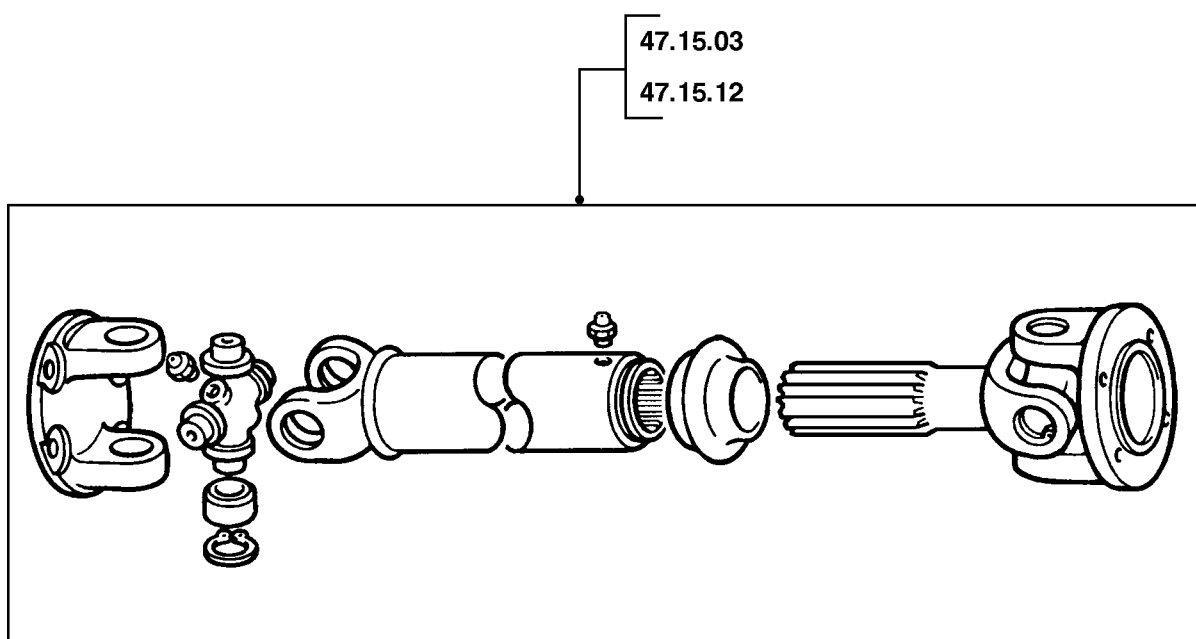
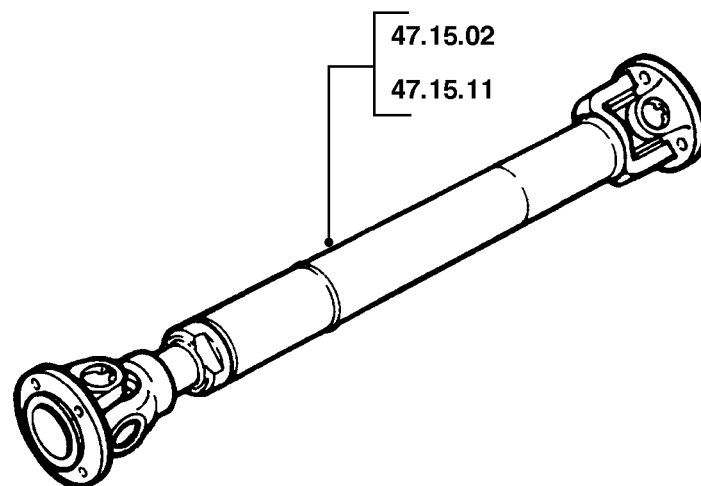
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		E.F.I	
44.22	GOVERNOR		
44.22.01	Governor assembly - renew.....	05.05	4E1
44.22.04	Governor assembly - overhaul.....	05.25	4E1
44.24	LUBRICATION SYSTEM		
44.24.01	Tube - oil/fluid filler - renew	00.55	4B8
44.24.02	Lubrication system - drain & refill.....	00.45	*
44.24.05	Gasket- oil/fluid pan - renew	01.60	4H7
44.24.07	Filter - oil/fluid - renew	01.75	
44.24.10	Cooler - oil/fluid - renew.....	00.45	4B9
44.24.11	Sensor - oil/fluid temperature - renew	00.30	7H4
44.24.15	Hoses/pipes - oil/fluid cooler - set - renew	00.80	4B0
44.24.16	Hose/pipe - radiator to oil/fluid cooler - feed - renew	01.75	4B0
44.24.18	Hose/pipe - oil/fluid cooler - gearbox to radiator feed - renew	01.15	4B0
44.24.20	Hose/pipe - oil/fluid cooler - return - renew	01.75	4B0
44.24.21	Hose/pipe - oil/fluid cooler - gearbox - return - renew	00.80	4B0
44.28	PARKING BRAKE/PARK LOCK		
44.28.07	Parking pawl assembly/park lock mechanism - renew	04.95	4D7
44.30	PRESSURE & ADJUSTMENT CHECKS		
44.30.02/01	Cable/linkage - kickdown control - check & adjust - vehicle in workshop	00.10	4F5
44.30.04	Cable/rod - selector - check & adjust.....	00.15	4F3
44.30.13	Stall test.....	00.30	*
44.32	PUMPS		
44.32.01	Pump - main - renew	06.90	4A7
44.32.07	Oil seal - main pump - renew.....	05.90	4H2
44.36	SHAFTS & GEARS		
44.36.22	Shaft - coupling - renew.....	04.40	
44.40	VALVE BODIES		
44.40.01	Valve body assembly - renew	02.15	4C9
44.90	DIAGNOSIS		
	(Operations are based on the procedures in the Repair Operation Manual and/or using approved test equipment)		
44.90.06/01	Road test procedure	00.65	-
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

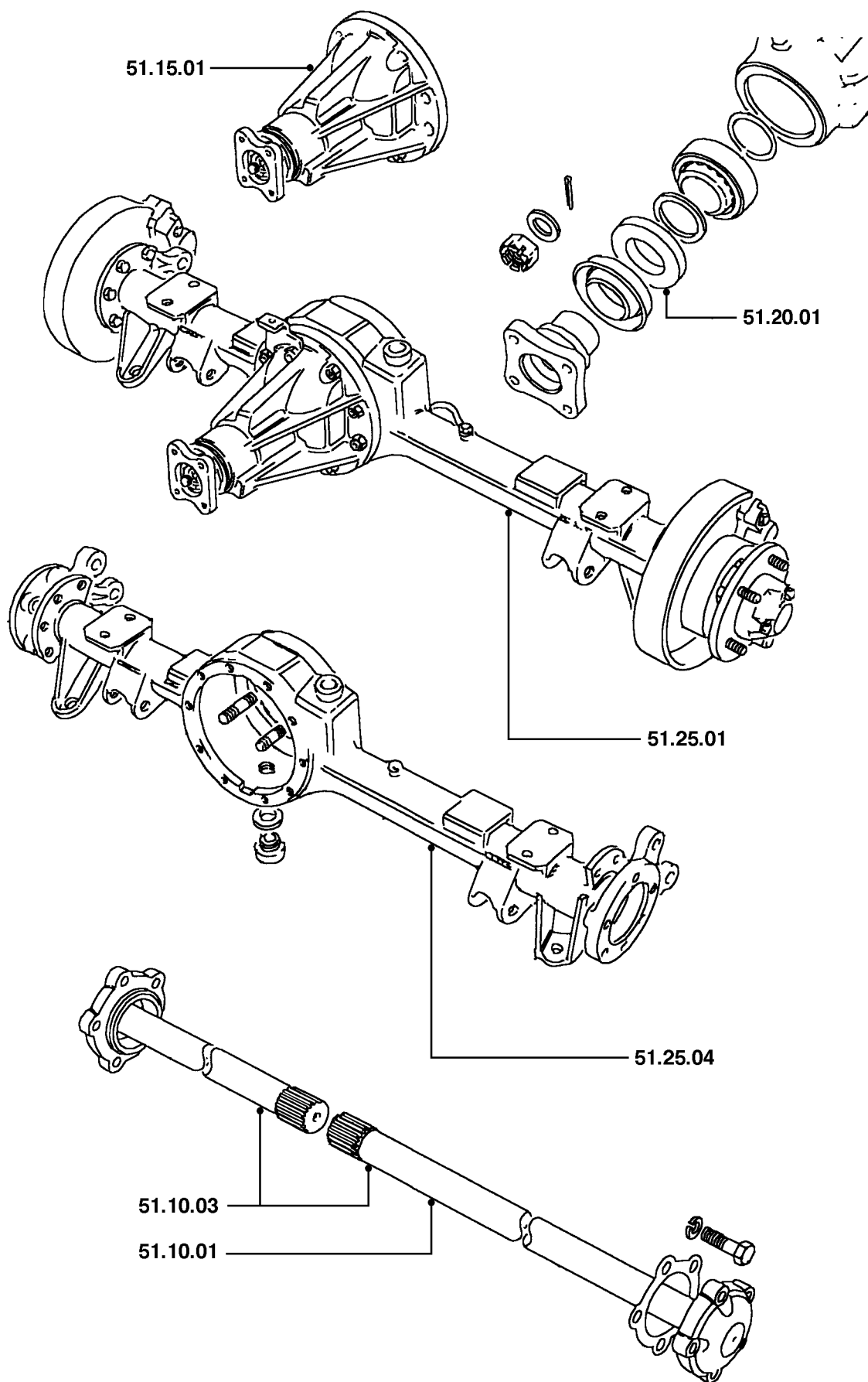


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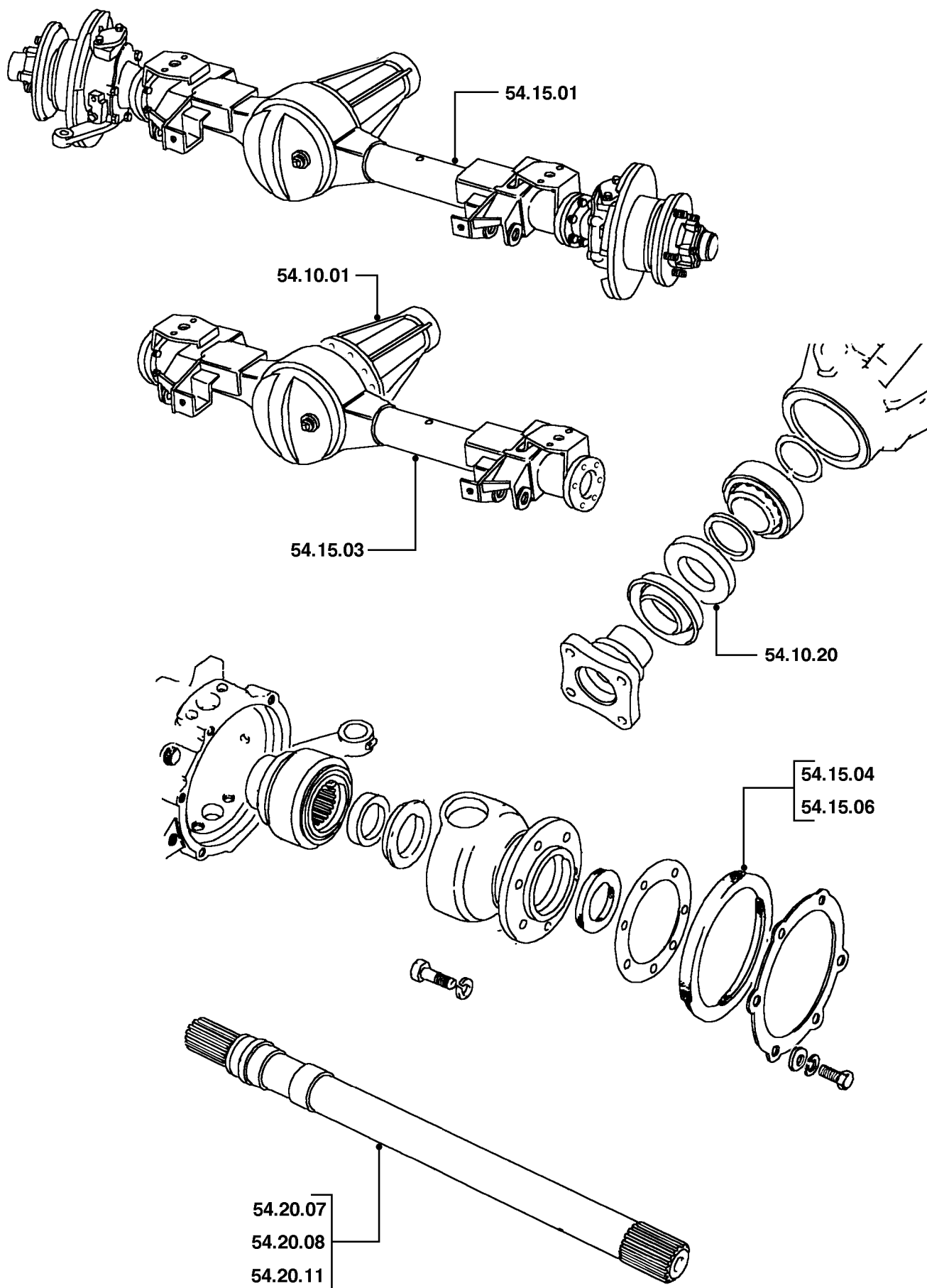
		All models	
47.15	PROPELLER SHAFT		
47.15.02	Propeller shaft - front - renew	00.55	4K1
47.15.03	Propeller shaft - rear - renew	00.55	4K1
47.15.11	Propeller shaft - front - overhaul	01.45	*
47.15.12	Propeller shaft - rear - overhaul	01.45	*
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		All models	
51.10	AXLE (HALF) SHAFTS		
51.10.01	Half shaft - LH/each - renew	00.30	4L5
51.10.03	Half shafts - both - renew.....	00.55	4L5
51.11	AXLE (HALF) SHAFTS (Vehicle fitted with Anti-lock Braking System)		
51.11.01	Half shaft - LH/each - renew	00.40	4L5
51.11.03	Half shafts - both - renew.....	00.70	4L5
51.15	DIFFERENTIAL ASSEMBLY		
51.15.01	Differential assembly - renew	01.35	*
51.15.07	Differential assembly - overhaul	04.20	*
51.16	DIFFERENTIAL ASSEMBLY (Vehicle fitted with Anti-lock Braking System)		
51.16.01	Differential assembly - renew	01.50	*
51.16.07	Differential assembly - overhaul	04.35	*
51.20	OIL SEALS & GASKETS		
51.20.01	Oil seal - pinion - renew	00.40	4S1
51.25	REAR AXLE & FINAL DRIVE UNIT		
51.25.01	Axle assembly - renew.....	02.40	*
51.25.04	Casing - renew.....	04.20	4N1
51.26	REAR AXLE & FINAL DRIVE UNIT (Vehicle fitted with Anti-lock Braking System)		
51.26.01	Axle assembly - renew.....	03.25	*
51.26.04	Casing - renew.....	05.00	4N1
51.27	REAR AXLE & FINAL DRIVE UNIT (Vehicle fitted with Air Suspension System)		
51.27.01	Axle assembly - renew.....	04.45	*
51.27.04	Casing - renew.....	06.20	4N1
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



		All models	
54.10	DIFFERENTIAL ASSEMBLY		
54.10.01	Differential assembly - renew	02.60	*
54.10.07	Differential assembly - overhaul	05.15	*
54.10.20	Oil seal - pinion - renew	00.40	4S5
54.11	DIFFERENTIAL ASSEMBLY (Vehicle fitted with Anti-lock Braking System)		
54.11.01	Differential assembly - renew	03.75	*
54.11.07	Differential assembly - overhaul	06.60	*
54.15	FRONT AXLE ASSEMBLY		
54.15.01	Axle assembly - renew.....	03.30	*
54.15.03	Casing - renew.....	04.00	4N1
54.15.04	Oil seal - axle case - renew	01.00	4S6
54.15.06	Oil seals - axle case - both sides - renew	01.95	4S6
54.16	FRONT AXLE ASSEMBLY (Vehicle fitted with Anti-lock Braking System)		
54.16.01	Axle assembly - renew.....	04.00	*
54.16.03	Casing - renew.....	05.25	4N1
54.16.04	Oil seal - axle case - renew	02.00	4S6
54.16.06	Oil seals - axle case - both sides - renew	02.80	4S6
54.17	FRONT AXLE ASSEMBLY (Vehicle fitted with Air Suspension System)		
54.17.01	Axle assembly - renew.....	04.75	*
54.17.03	Casing - renew.....	06.10	4N1
54.20	SHAFTS		
54.20.07	Half shaft - LH/each - renew	01.05	4L1
54.20.08	Half shaft - both - renew	02.05	4L1
54.21	SHAFTS (Vehicle fitted with Anti-lock Braking System)		
54.21.07	Half shaft - LH/each - renew	02.45	4L1
54.21.08	Half shaft - both - renew	03.75	4L1
54.21.12	End float - axle shaft - LH/each - check & adjust	00.10	*
54.21.13	End float - axle shaft - both sides - check & adjust	00.25	*
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

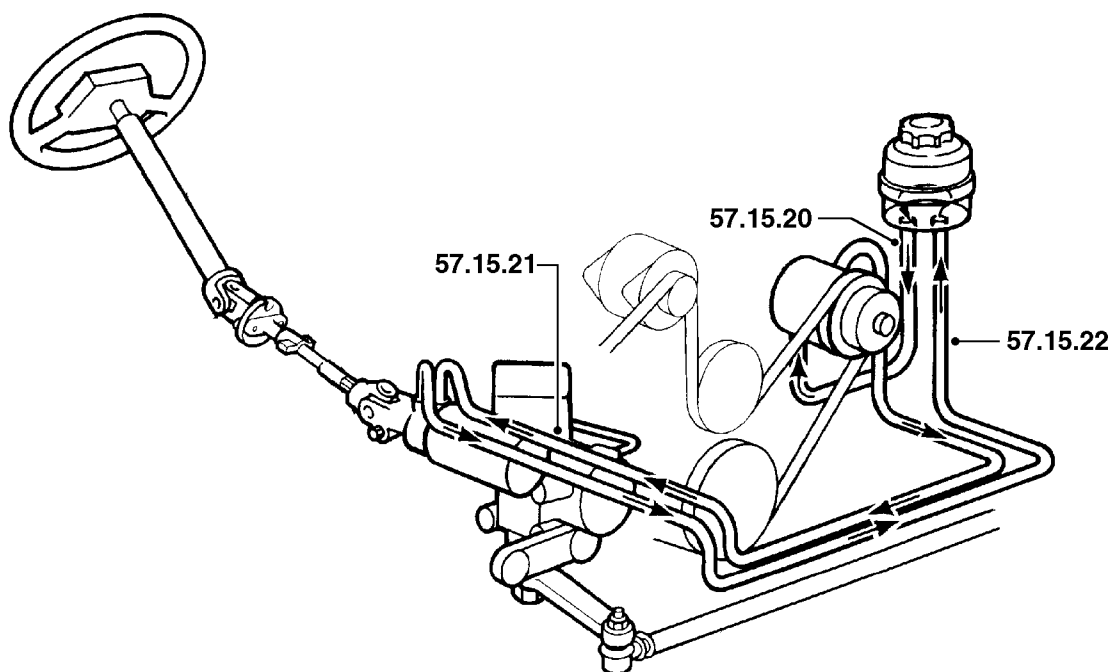
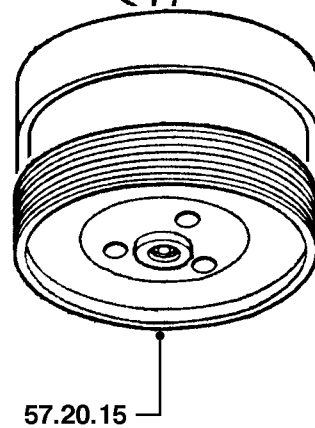
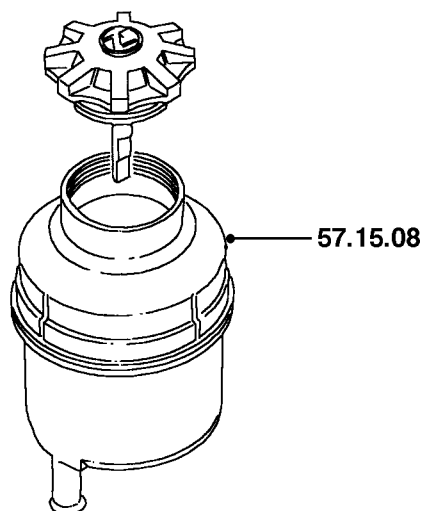
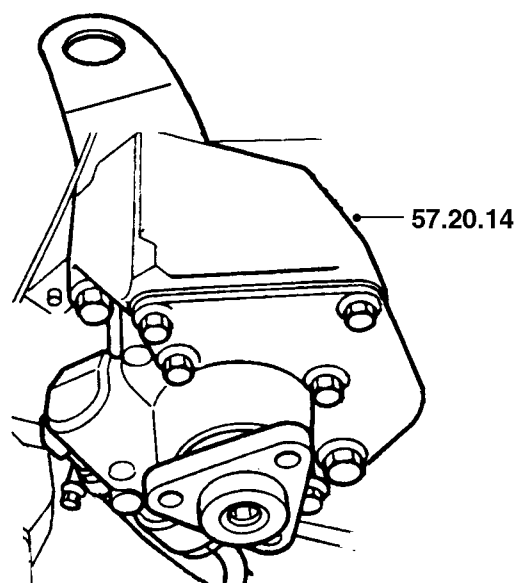
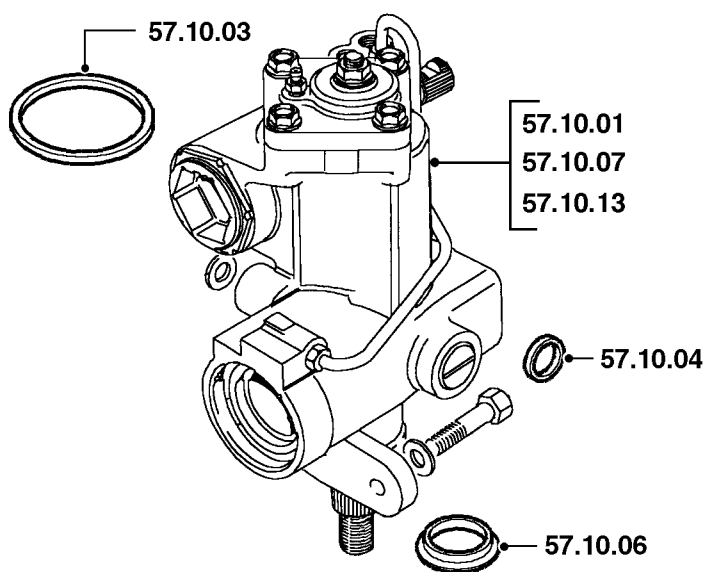


57 STEERING

CLASSIC

(Operations include bleed system & centralise steering wheel
where applicable, does not include wheel alignment)

		All models	
57.10	POWER STEERING RACK/BOX ASSEMBLY		
57.10.01	Power steering rack/box - renew	01.40	5F4
	Tdi	01.25	5F4
57.10.01/45	Power steering rack/box - renew - air suspension fitted	01.55	5F4
57.10.03	Seal - rack pad adjuster - renew	02.00	5F5
	Tdi	01.60	5F5
57.10.03/01	Seal - rack pad adjuster - renew - unit removed	00.35	5F5
57.10.04	Seal - selector shaft cover - renew	02.00	5F5
	Tdi	01.60	5F5
57.10.04/01	Seal - selector shaft cover - renew - unit removed	00.35	5F5
57.10.06	Seal - selector shaft - renew	01.30	5F5
	Tdi	01.05	5F5
57.10.07	Power steering rack/box - overhaul	02.75	5F4
	Tdi	02.65	5F4
57.10.07/45	Power steering rack/box - overhaul - air suspension fitted	02.85	5F4
57.10.13	Power steering rack/box - adjust	00.20	*
57.15	POWER STEERING OIL SYSTEM		
57.15.01	Power steering system - test	00.80	*
57.15.02	Power steering system - bleed	00.30	*
57.15.08	Reservoir - power steering oil - renew	00.45	5G5
57.15.20	Hose - feed - steering pump - renew	00.50	5G4
57.15.21	Pipe/hose - feed - steering rack/box - renew	00.60	5G4
57.15.22	Pipe/hose - return - steering rack/box - renew	00.55	5G4
57.20	POWER STEERING PUMP		
57.20.14	Pump - steering - renew	01.10	5G1
	Tdi	02.05	5G1
57.20.15	Pulley - renew	00.40	2H4
	Tdi	00.50	2H4
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

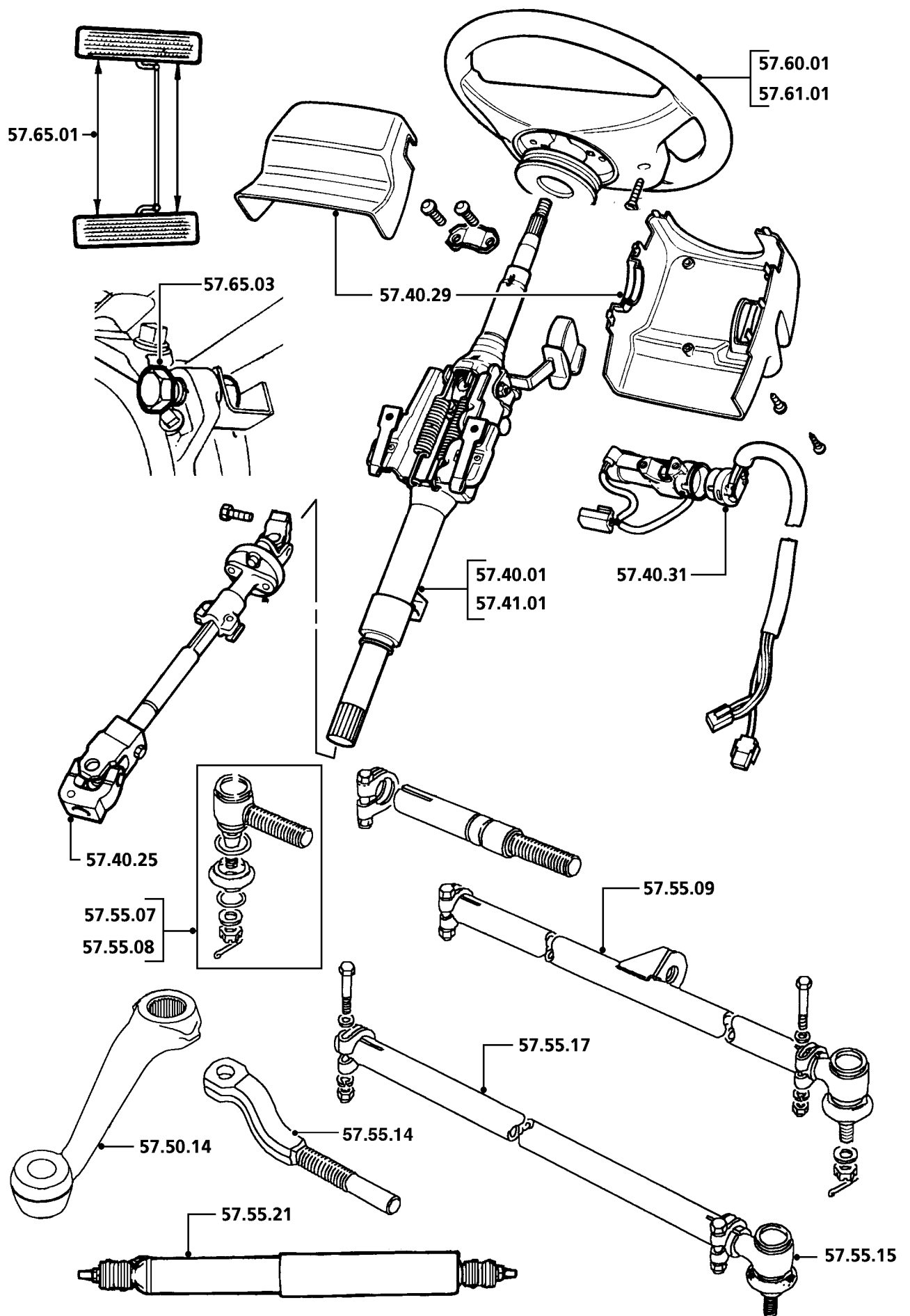


57 STEERING

CLASSIC

(Operations include bleed system & centralise steering wheel
where applicable, does not include wheel alignment)

		All models	
57.40	STEERING COLUMN		
57.40.01	Column assembly - inner & outer - renew	00.75	5D4
57.40.01/30	Column assembly - inner & outer - renew - cruise control fitted ..	00.95	5D4
57.40.25	Universal joint - column - renew	00.20	5D6
57.40.29	Nacelle - column - complete - renew	00.10	8E7
57.40.31	Column lock & ignition/starter switch assembly - renew	00.80	5D5
57.41	STEERING COLUMN (Vehicle fitted with S.R.S - Air Bag)		
57.41.01	Column assembly - inner & outer - renew	01.10	5D4
57.50	STEERING IDLER/RELAY UNIT		
57.50.14	Drop arm - renew.....	00.50	5E7
	Tdi	00.40	5E7
57.55	STEERING RODS		
57.55.07	Ball joint - track rod - each - renew	00.80	5E3
57.55.08	Ball joints - track rod - set - renew	01.00	5E3
57.55.09	Track rod - renew.....	01.10	5E3
57.55.14	End piece - side rod/drag link - renew	00.25	5E5
57.55.15	Ball joint - side rod/drag link - each - renew.....	00.15	5E5
57.55.17	Side rod/drag link - renew	00.25	5E5
57.55.21	Damper - steering box - renew	00.20	5E1
57.60	STEERING WHEEL		
57.60.01	Steering wheel - renew	00.15	5D1
57.60.01/30	Steering wheel - renew - cruise control fitted.....	00.30	5D1
57.61	STEERING WHEEL (Vehicle fitted with S.R.S - Air Bag)		
57.61.01	Steering wheel - renew	00.45	5D1
57.65	WHEEL ALIGNMENT		
57.65.01	Front wheel alignment - check & adjust.....	00.45	5E6
57.65.01/01	Front wheel alignment - check & adjust - vehicle in workshop	00.45	5E6
57.65.03	Lock stops - check and adjust	00.15	5E2
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



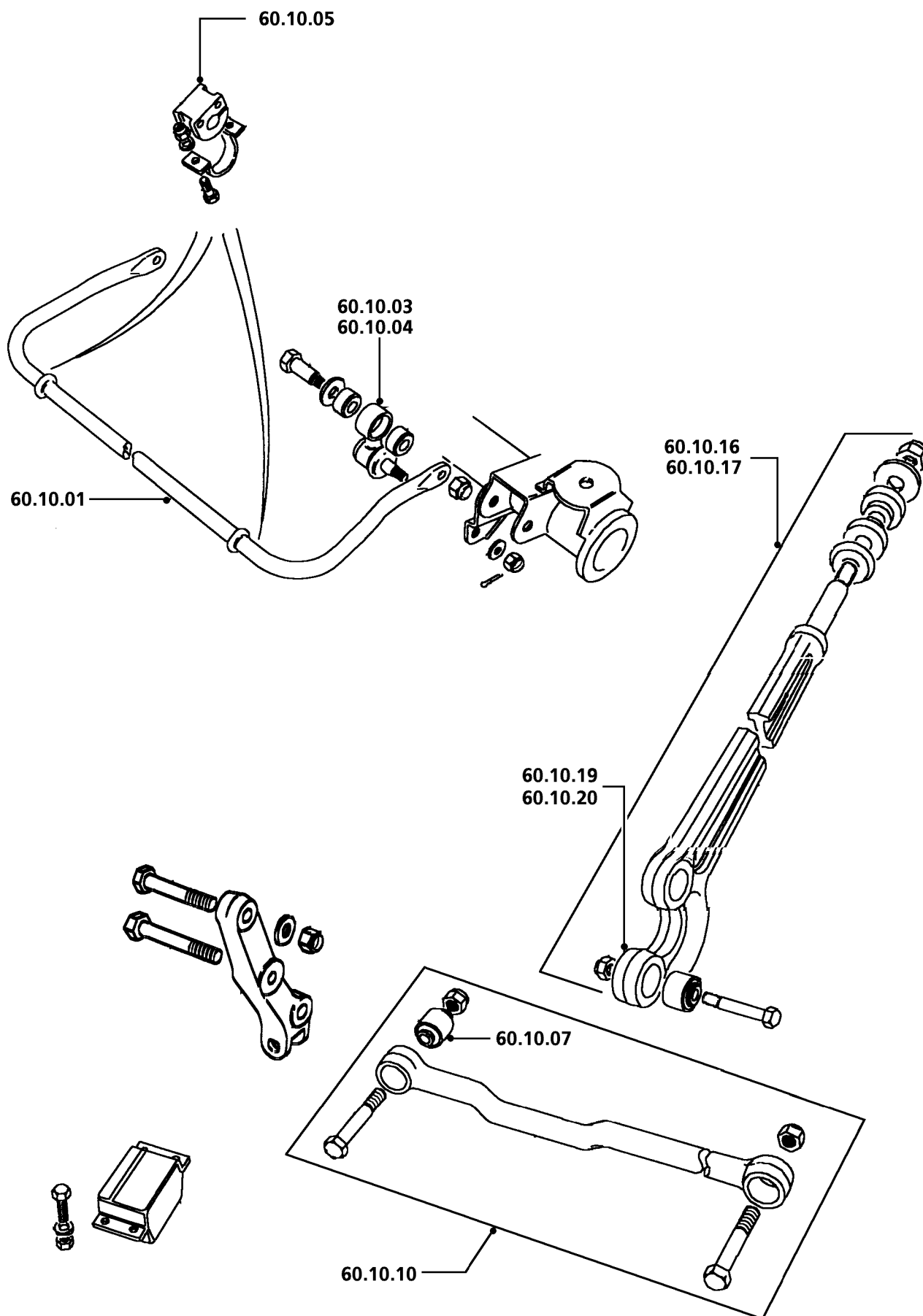
DIS RT42A

60 FRONT SUSPENSION

CLASSIC

(Operations do not include wheel alignment)

		All models	
60.10	ANTI ROLL BARS/STABILISERS		
60.10.01	Anti roll bar - renew	00.50	5J5
60.10.03	Ball joint links - anti roll bar - both sides - renew	00.35	5J7
60.10.04	Ball joint link - anti roll bar - each - renew	00.25	5J7
60.10.05	Mounting rubbers - anti roll bar - set - renew	00.35	5J6
60.10.07	Bush(s) - panhard rod - renew	00.30	5J4
60.10.10	Stabiliser/panhard/tie rod - front axle - renew	00.15	5J3
60.10.16	Radius rod - renew	00.45	5H1
60.10.17	Radius rods - both sides - renew	00.70	5H1
60.10.19	Bush(s) - radius rod - both sides - renew	00.95	5H1
60.10.20	Bush(s) - radius rod - one side - renew	00.60	5H1
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



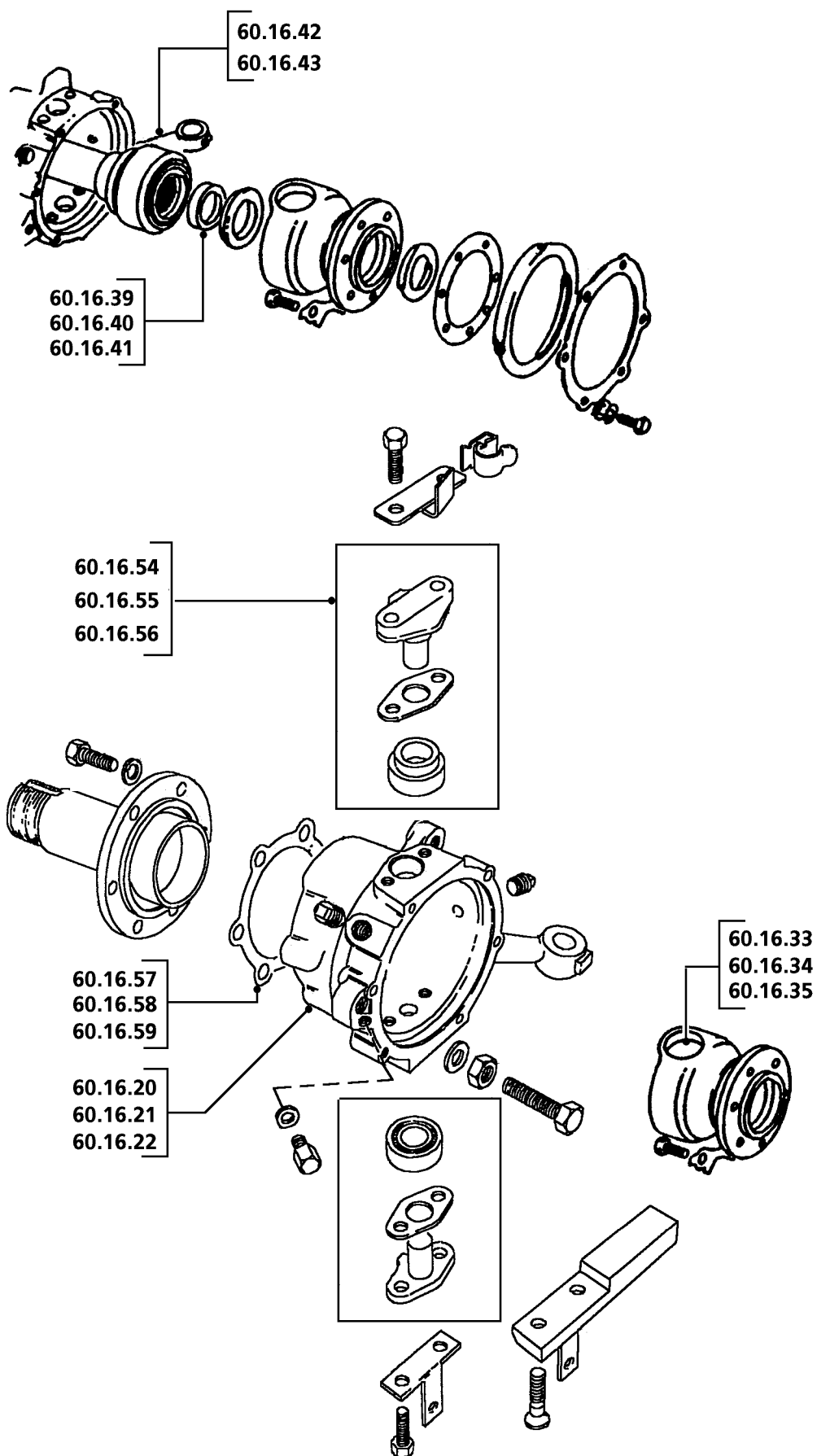
DIS RT45

60 FRONT SUSPENSION

CLASSIC

(Operations do not include wheel alignment)

		All models	
60.16	BALL JOINTS & SWIVELS (Vehicle fitted with Anti-lock Braking System)		
60.16.20	Housing - swivel pin - LH - renew	03.15	5H6
60.16.21	Housing - swivel pin - RH - renew	03.10	5H6
60.16.22	Housings - swivel pins - both sides - renew.....	03.75	5H6
60.16.33	Housing - swivel pin bearing - LH - renew	02.50	5H6
60.16.34	Housing - swivel pin bearing - RH - renew.....	02.45	5H6
60.16.35	Housing - swivel pin bearing - both sides - renew	03.20	5H6
60.16.39	Oil seals - swivel pin housing - outer - both sides - renew.....	03.70	5H0
60.16.40	Oil seal - swivel pin housing - outer - LH - renew	02.40	5H0
60.16.41	Oil seal - swivel pin housing - outer - RH - renew	02.40	5H0
60.16.42	Constant velocity joint - swivel pin housing - both sides - renew ..	03.80	5H9
60.16.43	Constant velocity joint - swivel pin housing - one side - renew	02.50	5H9
60.16.54	Bearings - swivel pin - both sides - adjust	02.95	5H9
60.16.55	Bearings - swivel pin - LH - adjust	02.10	5H9
60.16.56	Bearings - swivel pin - RH - adjust.....	02.00	5H9
60.16.57	Gaskets - swivel pin bearing housing - both sides - renew	03.05	5H0
60.16.58	Gasket - swivel pin bearing housing - LH - renew	02.15	5H0
60.16.59	Gasket - swivel pin bearing housing - RH - renew.....	02.05	5H0
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



DIS RT95

60 FRONT SUSPENSION

CLASSIC

(Operations do not include wheel alignment)

		All models	
60.20	ROAD SPRINGS		
60.20.02	Spring assemblies - both sides - renew		
	EFI	01.30	5N1
	Tdi	01.00	5N1
60.20.11	Road spring - each - renew		
	EFI	00.85	5N1
	Tdi	00.55	5N1
60.21	AIR SPRINGS		
60.21.01	Air spring assembly - one side - renew	00.75	5Y6
60.21.02	Air spring assembly - both sides - renew	01.10	5Y6
60.21.04	Heat shield - air spring - each - renew	00.10	
60.21.05	Heat shield - air springs - both sides - renew	00.10	
60.21.06	Seal(s)/O'ring(s) - air spring - renew	00.40	5Y9
60.25	HUBS & DRIVE FLANGES		
60.25.01	Hub - each - renew	00.95	5V1
60.25.03	Hubs - both sides - renew	01.80	5V1
60.25.12	Bearings - hubs - both sides - check & adjust end float	00.80	5V4
60.25.13	Bearings - hub - one side - check & adjust end float	00.40	5V4
60.25.14	Bearings - hub - one side - renew	00.95	5V4
60.25.15	Oil seals - hub - one side - renew	00.70	5V3
60.25.16	Bearings - hubs - both sides - renew	01.15	5V4
60.25.17	Oil seals - hubs - both sides - renew	01.25	5V3
60.25.21	Stub axles - both sides - renew	01.80	5H7
60.25.22	Stub axle - one side - renew	00.95	5H7
60.25.37	Oil seal - front hub stub axle - one side - renew	01.60	5V3
60.25.38	Oil seals - front hub stub axle - both sides - renew	02.85	5V3
60.26	HUBS & DRIVE FLANGES (Vehicle fitted with Anti-lock Braking System)		
60.26.01	Hub - each - renew	02.25	5V1
60.26.03	Hubs - both sides - renew	03.30	5V1
60.26.12	Bearings - hubs - both sides - check & adjust end float	00.90	5V4
60.26.13	Bearings - hub - one side - check & adjust end float	00.50	5V4
60.26.14	Bearings - hub - one side - renew	02.00	5V4
60.26.15	Oil seals - hub - one side - renew	01.70	5V3
60.26.16	Bearings - hubs - both sides - renew	02.85	5V4
60.26.17	Oil seals - hubs - both sides - renew	02.30	5V3
60.26.21	Stub axles - both sides - renew	03.55	5H7
60.26.22	Stub axle - one side - renew	02.70	5H7
60.26.37	Oil seal - front hub stub axle - one side - renew	02.55	5V3
60.26.38	Oil seals - front hub stub axle - both sides - renew	03.95	5V3

A - WRONGLY ADJUSTED

B - POROUS/ADRIFT

C - BAD FIT

D - BROKEN

E - CRACKED/SPLIT/CUT

F - SEIZED/STIFF

G - LOOSE/WEAK SYNCHROMESH

H - CORRODED/PLATING FAILURE

J - WORN/STRETCHED

K - NOISY/CHAFED

L - JUDDER/POOR CONNECTION

M - BODY/COOLANT LEAKS/BURNT

N - LEAKS - NOT COOLANT LOSS

P - DIFFICULT ENGAGEMENT

Q - FADED/STAINED/DISCOLOURED

R - FACTORY DAMAGE

S - OPEN CIRCUIT/BLOCKED

T - SHORT CIRCUIT/THREAD DAMAGE

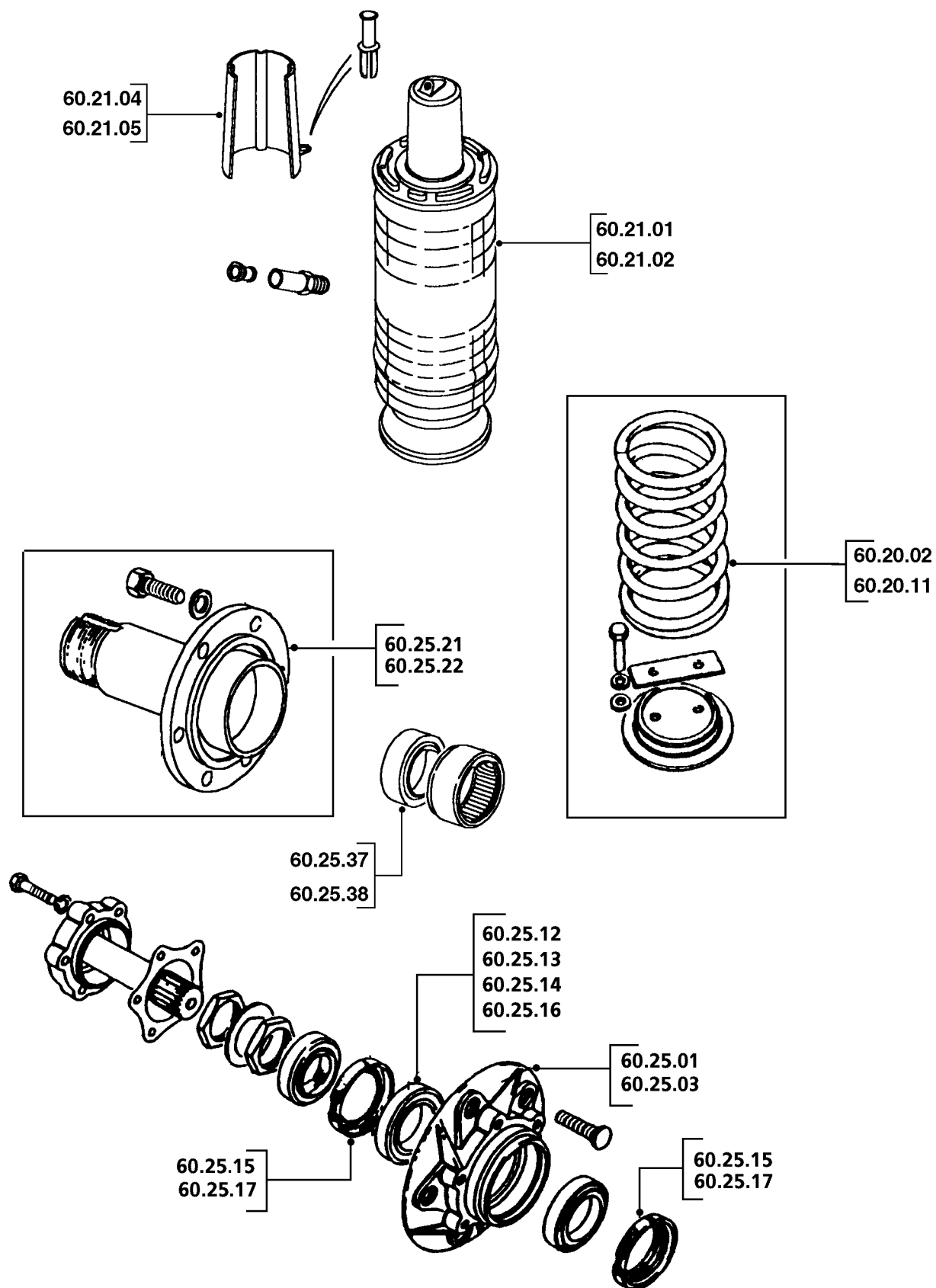
U - INACCURATE/SLIPPING

V - BULB/LIGHT UNIT FAILURE

W - VIBRATION/OUT OF BALANCE

X - BRAKE PULL/SURFACE DAMAGE

Z - INOPERATIVE

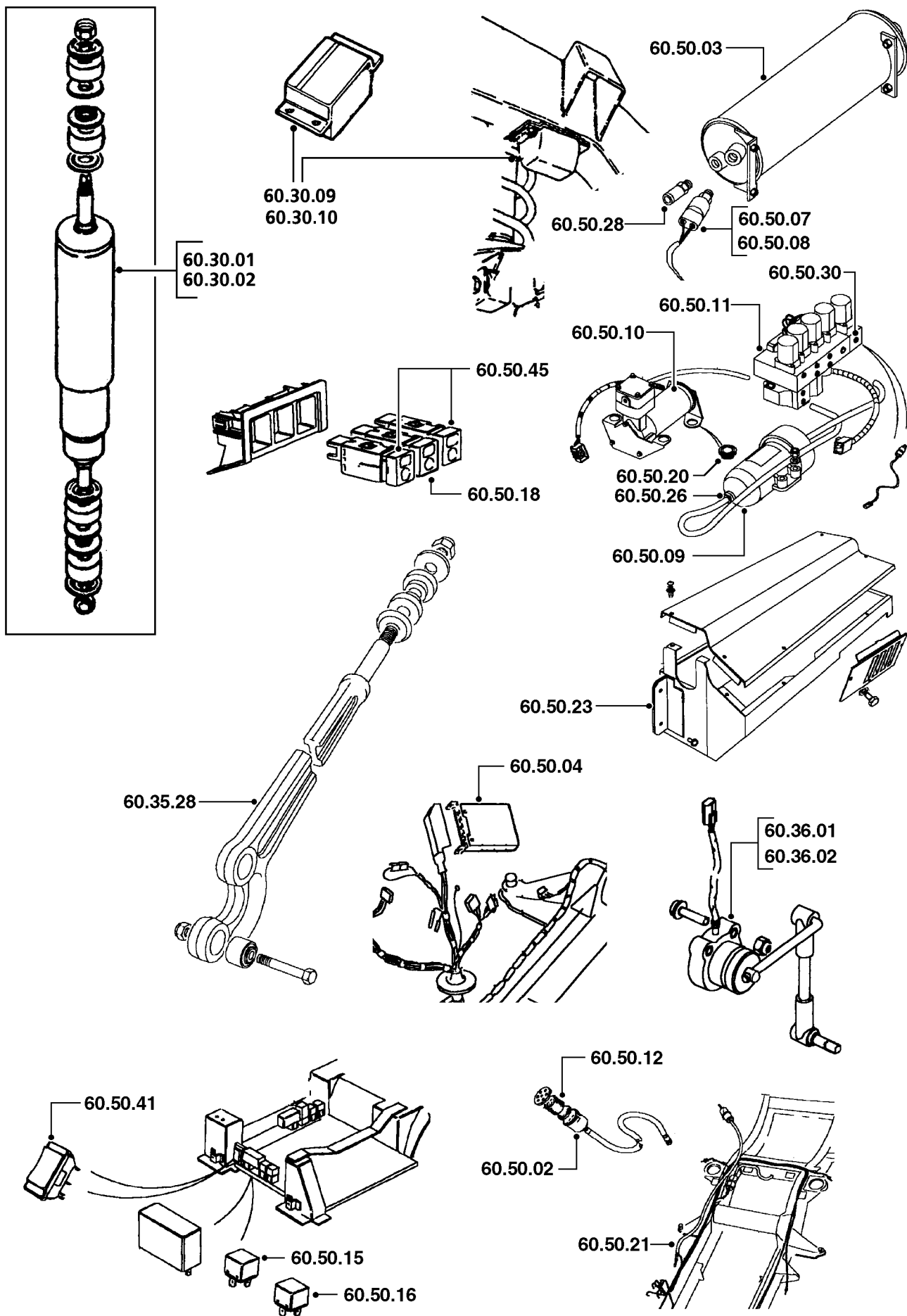


60 FRONT SUSPENSION

CLASSIC

(Operations do not include wheel alignment)

		All models	
60.30	SUSPENSION DAMPERS & STOP RUBBERS		
60.30.01	Dampers - both sides - renew	01.30	5R1
	Tdi	00.95	5R1
60.30.01/45	Dampers - both sides - renew - air suspension fitted.....	00.70	5R1
60.30.02	Damper - one side - renew	00.85	5R1
	Tdi	00.55	5R1
60.30.02/45	Damper - one side - renew - air suspension fitted	00.40	5R1
60.30.09	Bump stops - both sides - renew	00.10	5N7
60.30.10	Bump stop(s) - one side - renew	00.10	5N7
60.35	SUSPENSION ARMS/WISHBONES & BEAMS		
60.35.28	Radius arms - both sides - retorque fixings	00.20	*
60.36	HEIGHT SENSORS		
60.36.01	Sensor - height - front - renew	01.05	6R3
60.36.02	Sensor - height - front - pair - renew	01.35	6R3
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

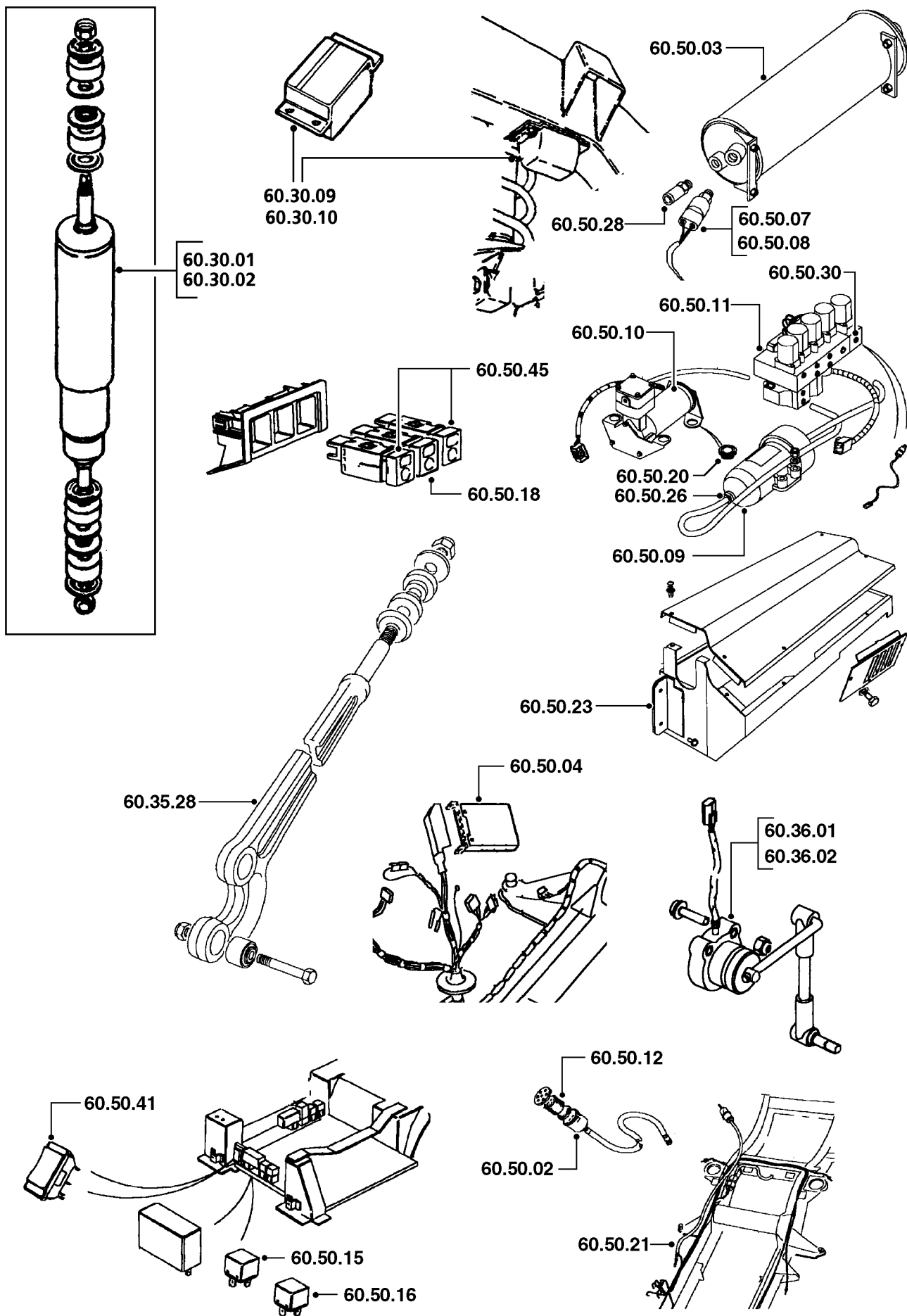


60 FRONT SUSPENSION

CLASSIC

(Operations do not include wheel alignment)

		All models	
60.50	AIR SUSPENSION		
60.50.01	Silencer - air exhaust - renew	00.15	5Z7
60.50.02	Silencer - air intake - renew	00.15	5Z6
60.50.03	Air reservoir - renew	00.60	5Z8
60.50.03/01	Air reservoir - drain	00.30	*
60.50.04	Electronic Control Unit - renew	00.80	6R1
60.50.07	Switch - pressure - renew	00.40	6R2
60.50.08	Switch - pressure - test	00.60	*
60.50.09	Air dryer - renew	01.75	5Y5
60.50.10	Compressor - renew	01.95	5Y1
60.50.11	Valve block assembly - renew	01.85	5Y4
60.50.12	Filter - intake - renew	00.45	5Y2
60.50.15	Relay - air suspension - renew	00.10	
60.50.16	Relay - compressor - renew	00.10	6W1
60.50.18	Switch - inhibit - renew	00.50	6R7
60.50.20	Mountings - compressor - renew	02.00	5Y3
60.50.21	Harness - air pressure pipes - renew	03.55	5Z5
60.50.23	Mounting box - air suspension system - renew	02.40	5Z3
60.50.26	Seal(s)/O' ring(s) - air dryer - renew	01.85	5Y9
60.50.28	Seal(s)/O' ring(s) - air reservoir - renew	00.45	5Y9
60.50.30	Seal(s)/O' ring(s) - valve block - renew	01.90	5Y9
60.50.30/01	Seal(s)/O' ring(s) - valve block - extra each - renew	00.10	5Y9
60.50.38	Suspension - depressurise - repressurise	00.25	*
60.50.41	Switch - transit/service disable - renew	00.15	6R8
60.50.45	Switch - ride height - renew	00.50	6R7
60.90	DIAGNOSIS		
	(Operations are based on the procedures in the Repair Operation Manual and/or using approved test equipment)		
60.90.02	Diagnosis - air suspension	00.50	-
60.90.03	Calibrate - air suspension	00.65	-
60.90.04	Diagnosis - leak test - air suspension	00.50	-
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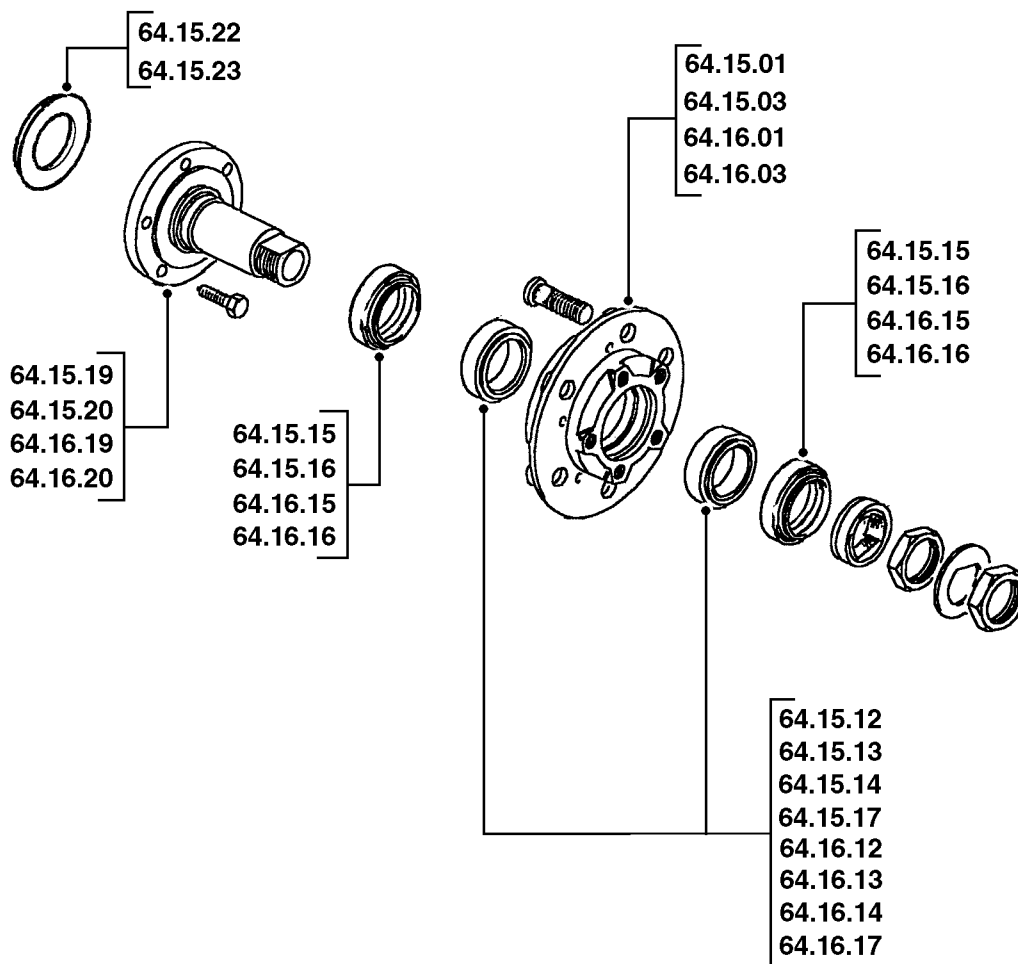


64 REAR SUSPENSION

CLASSIC

(Operations do not include wheel alignment)

		All models	
64.15	HUBS		
64.15.01	Hub - each - renew	01.10	5W1
64.15.03	Hubs - both sides - renew	02.15	5W1
64.15.12	Bearings - hubs - both sides - check & adjust end float.....	00.70	5W4
64.15.13	Bearings - hub - one side - check & adjust end float	00.35	5W4
64.15.14	Bearing(s) - hub - one side - renew	00.75	5W4
64.15.15	Oil seal(s) - hub - one side - renew	00.65	5W3
64.15.16	Oil seals - hubs - both sides - renew	01.15	5W3
64.15.17	Bearings - hubs - both sides - renew	01.45	5W4
64.15.19	Stub axles - rear - both sides - renew	01.40	5W2
64.15.20	Stub axle - each - renew	00.75	5W2
64.16	HUBS		
	(Vehicle fitted with Anti-lock Braking System)		
64.16.01	Hub - each - renew	00.95	5W1
64.16.03	Hubs - both sides - renew	01.70	5W1
64.16.12	Bearings - hubs - both sides - check & adjust end float.....	00.70	*
64.16.13	Bearings - hub - one side - check & adjust end float	00.40	*
64.16.14	Bearing(s) - hub - one side - renew	00.70	5W4
64.16.15	Oil seal(s) - hub - one side - renew	00.60	5W3
64.16.16	Oil seals - hubs - both sides - renew	01.10	5W3
64.16.17	Bearings - hubs - both sides - renew	01.40	5W4
64.16.19	Stub axles - rear - both sides - renew	01.50	5W2
64.16.20	Stub axle - each - renew	00.75	5W2
64.16.22	Oil seal - rear stub axle - LH/each - renew	00.75	5W3
64.16.23	Oil seals - rear stub axles - both sides - renew	01.50	5W3
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

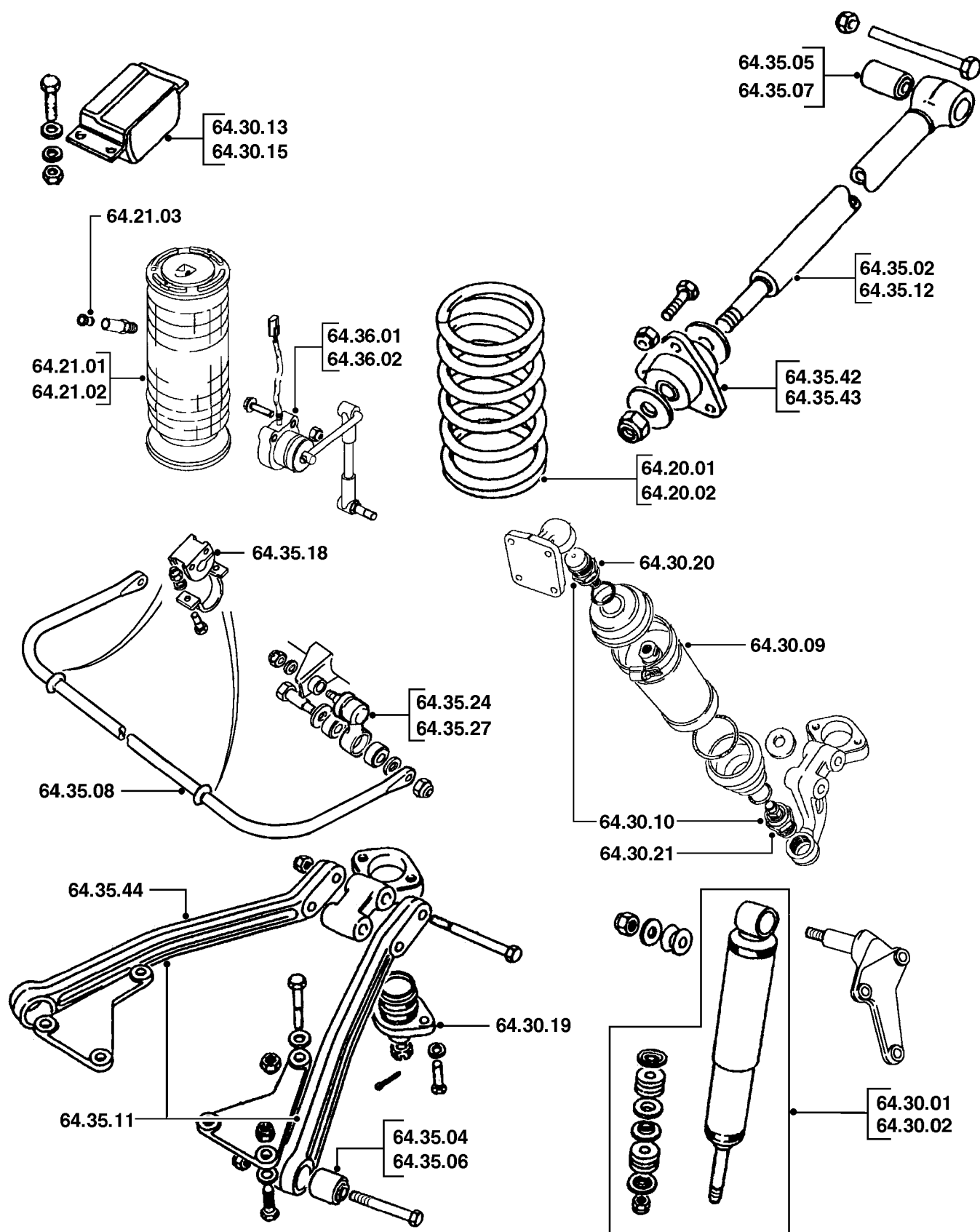


64 REAR SUSPENSION

CLASSIC

(Operations do not include wheel alignment)

		All models	
64.20	ROAD SPRINGS		
64.20.01	Road spring - each - renew	00.50	5P1
64.20.02	Spring assemblies - both sides - renew	00.65	5P1
64.21	AIR SPRINGS		
64.21.01	Air spring assembly - one side - renew	00.85	5Y7
64.21.02	Air spring assembly - both sides - renew	01.25	5Y7
64.21.03	Seals/'O' rings - air spring - one side - renew	00.90	5Y9
64.30	SUSPENSION DAMPERS & STOP RUBBERS		
64.30.01	Dampers - both sides - renew	00.50	5R5
64.30.01/45	Dampers - both sides - renew - air suspension fitted.....	00.45	5R5
64.30.02	Damper - one side - renew	00.30	5R5
64.30.02/45	Damper - one side - renew - air suspension fitted	00.25	5R5
64.30.09	Self levelling unit - one side - renew	00.60	5T1
64.30.10	Ball joints - self levelling unit - pair - renew	00.95	5T4
64.30.13	Bump stop/arch spring - both sides - renew	00.10	5P7
64.30.15	Bump stop - one side - renew	00.10	5P7
64.30.19	Ball joints - axle bracket - renew	01.10	5L7
64.30.20	Ball joint - self levelling unit - top - renew.....	00.70	5T4
64.30.21	Ball joint - self levelling unit - bottom - renew.....	00.85	5T4
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

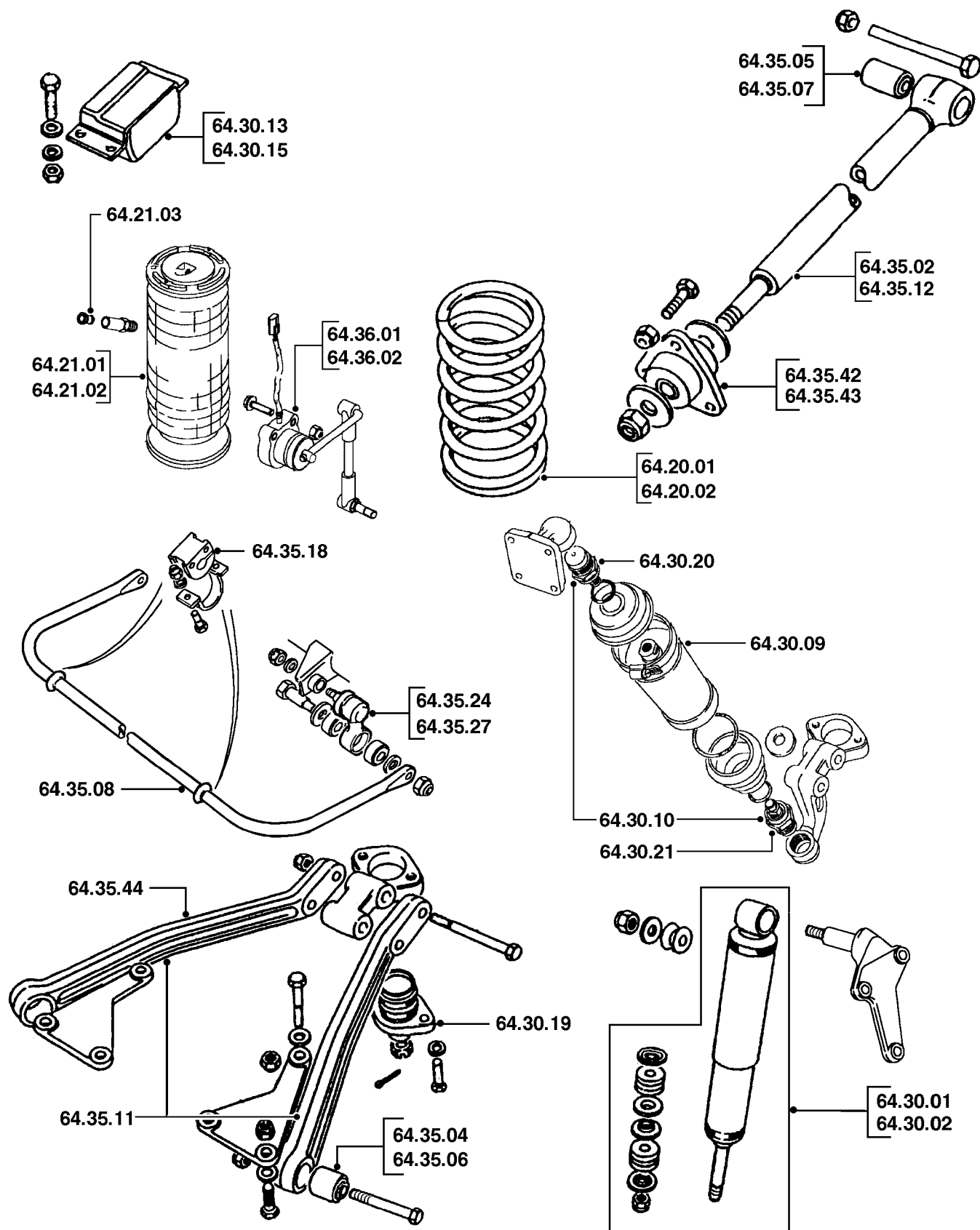


64 REAR SUSPENSION

CLASSIC

(Operations do not include wheel alignment)

		All models	
64.35	SUSPENSION LINKS & ARMS		
64.35.02	Suspension link - lower - renew	00.20	5L1
64.35.04	Bush - suspension link - upper - one side - renew	00.35	5L2
64.35.05	Bush - suspension link - lower - one side - renew	00.25	5L1
64.35.06	Bushes - suspension link - upper - both sides - renew	00.50	5L2
64.35.07	Bushes - suspension link - lower - both sides - renew	00.50	5L1
64.35.08	Anti roll bar - renew	00.45	5M7
64.35.11	Suspension links - upper - both sides - renew	00.45	5L2
64.35.12	Suspension links - lower - both sides - renew	00.35	5L1
64.35.18	Rubbers - anti roll bar - set - renew	00.35	5J6
64.35.24	Link - anti roll bar - renew	00.25	5J8
64.35.27	Links - anti roll bar - rear - both sides - renew	00.35	5J8
64.35.42	Flexible mountings - lower suspension link - both sides - renew ..	00.30	5L1
64.35.43	Flexible mountings - lower suspension link - one side - renew	00.15	5L1
64.35.44	Suspension link - upper - one side - renew	00.30	5L2
64.36	HEIGHT SENSORS		
64.36.01	Sensor - height - rear - renew	01.05	6R4
64.36.02	Sensors - height - rear - pair - renew	01.35	6R4
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

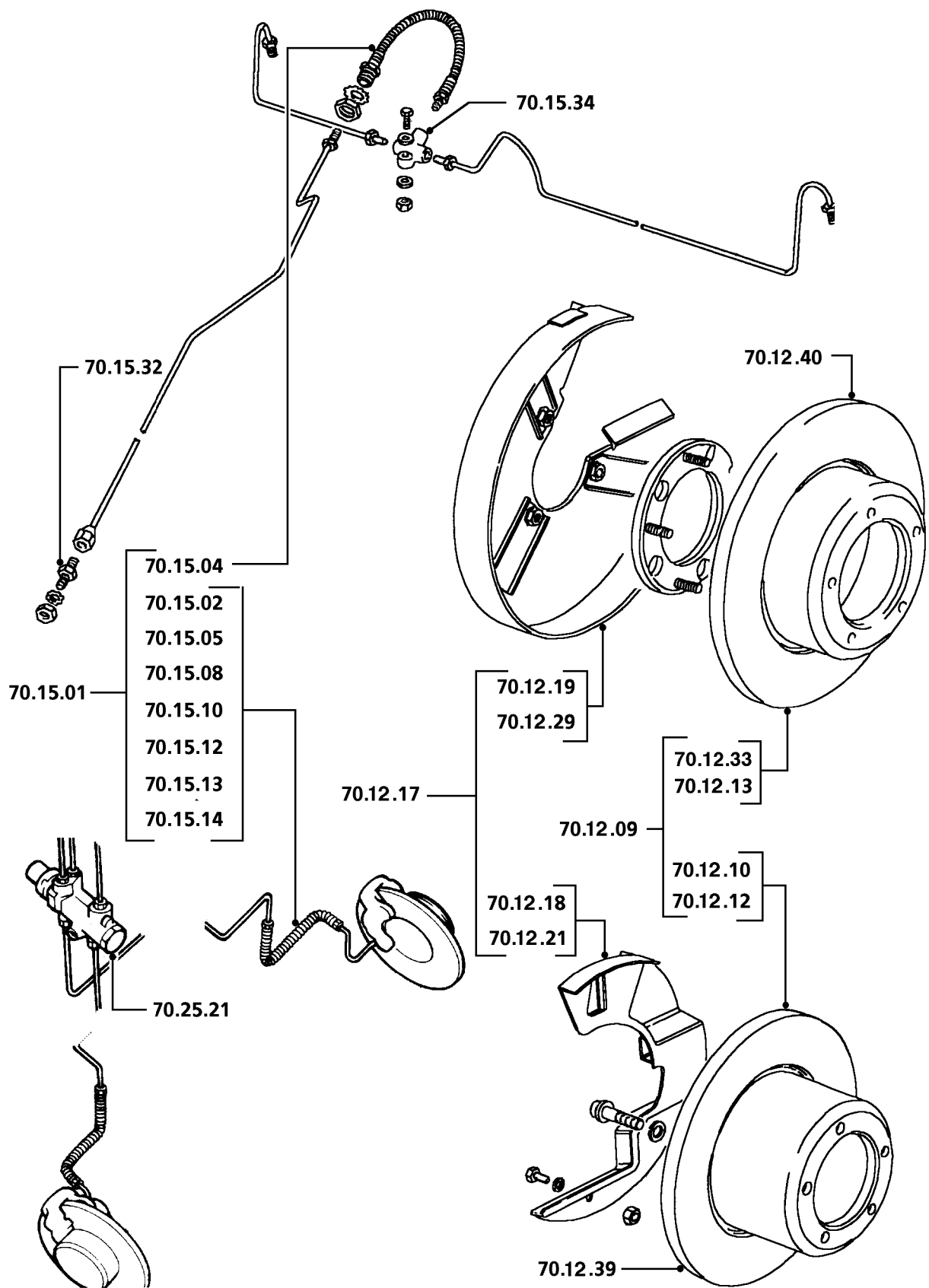


70 BRAKES

CLASSIC

(Operations include bleeding brakes where necessary)

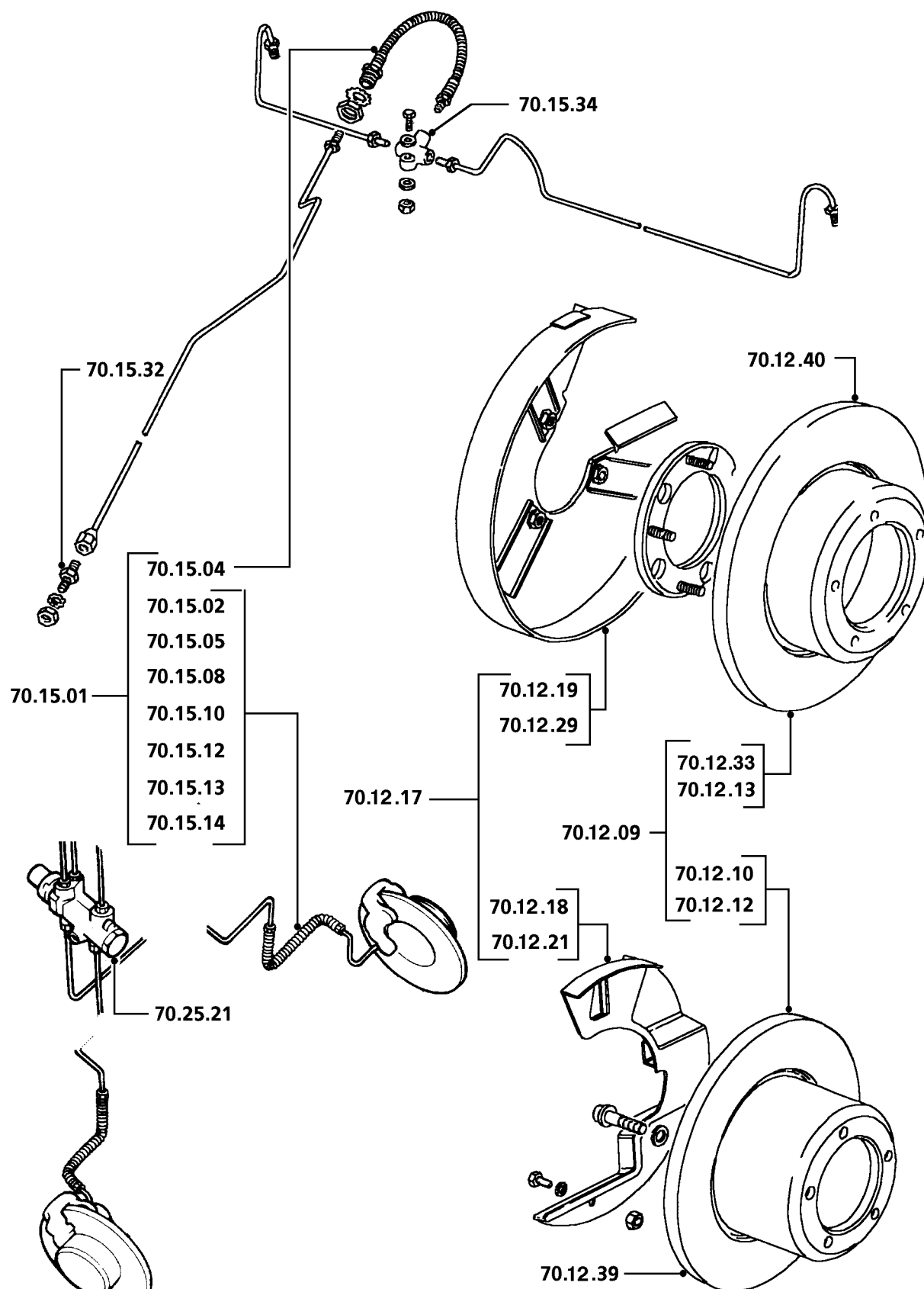
		All models	
70.12	DISCS & DRUMS (Does not include check new disc(s) for runout)		
70.12.09	Discs - vehicle set - renew.....	02.65	*
70.12.09/35	Discs - vehicle set - renew - ABS/ALB fitted	03.95	*
70.12.10	Disc - front - each - renew	00.70	6C1
70.12.10/35	Disc - front - each - renew - ABS/ALB fitted.....	01.80	6C1
70.12.12	Discs - front - set - renew.....	01.30	6C1
70.12.12/35	Discs - front - set - renew - ABS/ALB fitted	02.50	6C1
70.12.13	Discs - rear - set - renew	01.35	6D1
70.12.13/35	Discs - rear - set - renew - ABS/ALB fitted.....	01.70	6D1
70.12.17	Disc shields - vehicle set - renew	01.70	*
70.12.18	Disc shield - front - each - renew	00.30	6D7
70.12.19	Disc shield(s) - rear - each - renew	00.65	6D7
70.12.21	Disc shields - front - axle set - renew.....	00.50	6C7
70.12.29	Disc shields - rear - axle set - renew	01.20	6D7
70.12.30	Discs - axle set - reface off vehicle (does not include remove/refit).	00.75	*
70.12.33	Disc - rear - each - renew	00.70	6D1
70.12.33/35	Disc - rear - each - renew - ABS/ALB fitted	00.90	6D1
70.12.39	Discs - front - set - check disc for run out & reface - includes renew pads.....	02.45	*
70.12.39/35	Discs - front - set - check disc for run out & reface - includes renew pads - ABS/ALB fitted	02.80	*
70.12.40	Discs - rear - set - check disc for run out & reface - includes renew pads.....	02.20	*
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



DIS RT48A

(Operations include bleeding brakes where necessary)

		All models	
70.15	HOSES & CONNECTORS		
70.15.01	Hoses - complete set - renew	01.80	6G4
70.15.01/35	Hoses - complete set - renew - ABS/ALB fitted	02.20	6G4
70.15.02	Hose - front - primary - LH/each - renew	01.00	6G4
70.15.02/35	Hose - front - primary - LH/each - renew - ABS/ALB fitted	01.40	6G4
70.15.04	Hose - centre/intermediate - renew	00.95	6G4
70.15.04/35	Hose - centre/intermediate - renew - ABS/ALB fitted.....	01.35	6G4
70.15.05	Hoses - front - both - one side - renew	01.20	6G4
70.15.05/35	Hoses - front - both - one side - renew - ABS/ALB fitted	01.60	6G4
70.15.08	Hose - front - secondary - renew	01.00	6G4
70.15.08/35	Hose - front - secondary - renew - ABS/ALB fitted	01.40	6G4
70.15.10	Hoses - front - set - renew	01.65	6G4
70.15.10/35	Hoses - front - set - renew - ABS/ALB fitted	02.00	6G4
70.15.12	Hoses - front - secondary - both - renew	01.20	6G4
70.15.12/35	Hoses - front - secondary - both - renew - ABS fitted	01.60	6G4
70.15.13	Hoses - front - primary - both - renew	01.20	6G4
70.15.13/35	Hoses - front - primary - both - renew - ABS/ALB fitted	01.60	6G4
70.15.14	Hoses - primary - set - renew	01.40	6G4
70.15.14/35	Hoses - primary - set - renew _ ABS/ALB fitted.....	01.75	6G4
70.15.32	Connector - two way - renew	00.95	6G4
70.15.32/35	Connector - two way - renew - ABS/ALB fitted	01.35	6G5
70.15.34	Connector - three way - rear - renew	01.15	6G5
70.15.34/35	Connector - three way - rear - renew - ABS/ALB fitted	01.50	6G5
70.25	HYDRAULIC SYSTEM		
70.25.02	Brakes - complete system - bleed	00.80	6C0
70.25.02/35	Brakes - complete system - bleed - ABS/ALB fitted.....	01.20	6C0
70.25.16	Seals - brake system - set - renew	03.85	*
70.25.16/35	Seals - brake system - set - renew - ABS/ALB fitted	03.55	*
70.25.18	Seals & hoses - brake system - set - renew	04.85	*
70.25.18/35	Seals & hoses - brake system - set - renew - ABS/ALB fitted	04.55	*
70.25.21	Valve - pressure reducing - renew.....	01.05	6G6
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



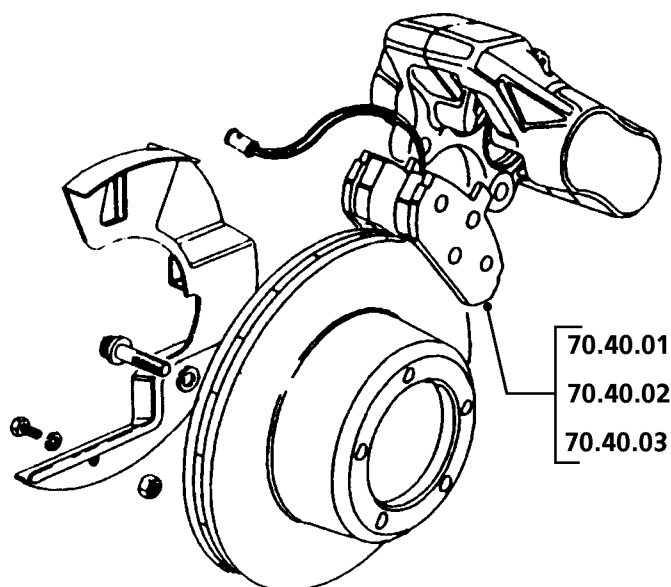
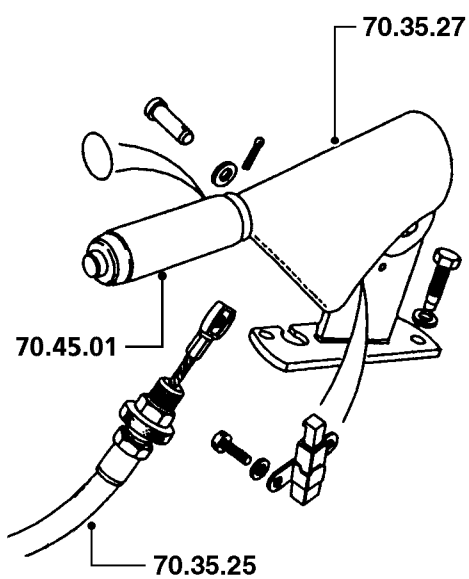
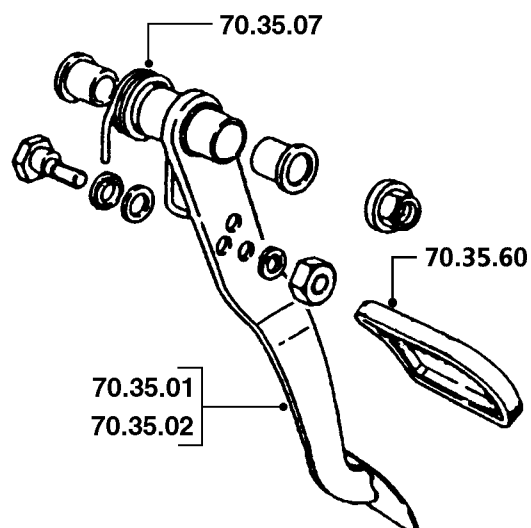
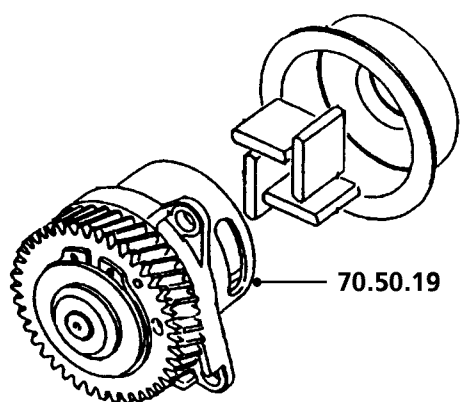
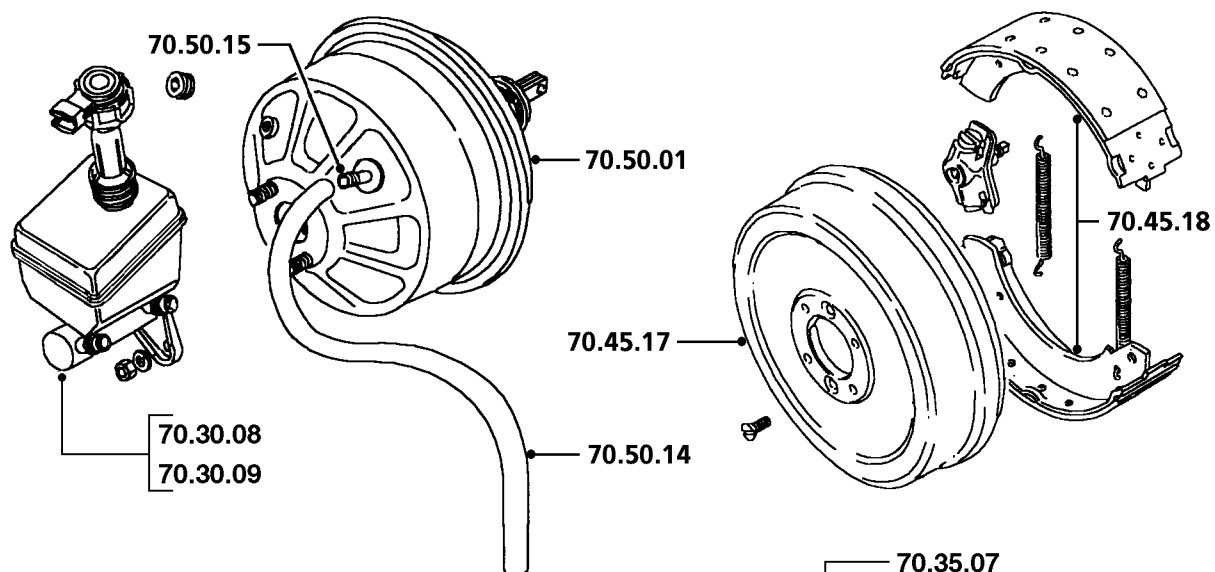
DIS RT48A

70 BRAKES

CLASSIC

(Operations include bleeding brakes where necessary)

		All models	
70.30	MASTER CYLINDER		
70.30.08	Cylinder - master - tandem - renew	01.15	6G1
70.30.09	Cylinder - master - tandem - overhaul	01.55	6G1
70.35	MECHANICAL LINKAGE		
70.35.01	Pedal - brake - renew	00.80	6J1
70.35.02	Brake pedal - overhaul.....	00.85	6J2
70.35.07	Return spring - pedal - renew	00.65	6J3
70.35.25	Cable - handbrake - each - renew	01.10	6A3
70.35.27	Draught excluder - handbrake lever - renew	00.10	8E5
70.35.60	Rubber - brake pedal - renew	00.10	6J5
70.40	SHOES & PADS		
70.40.01	Pads/shoes - vehicle set - renew	01.10	*
70.40.02	Shoes/pads - front - set - renew	00.60	6C2
70.40.03	Shoes/pads - rear - set - renew	00.55	6D2
70.45	TRANSMISSION BRAKE		
70.45.01	Hand lever - transmission brake - renew	00.65	6A1
70.45.09	Transmission brake - adjust.....	00.10	6B1
70.45.17	Drum - transmission brake - renew	00.35	6F1
70.45.18	Shoes - transmission brake - renew	00.75	6B2
70.50	VACUUM SYSTEM		
70.50.01	Servo assembly - renew	01.55	6H1
70.50.14	Hose - manifold to servo - renew	00.10	6H3
70.50.15	Valve - non return - renew	00.10	6H4
70.50.19	Vacuum pump - servo - renew.....	00.45	6H2
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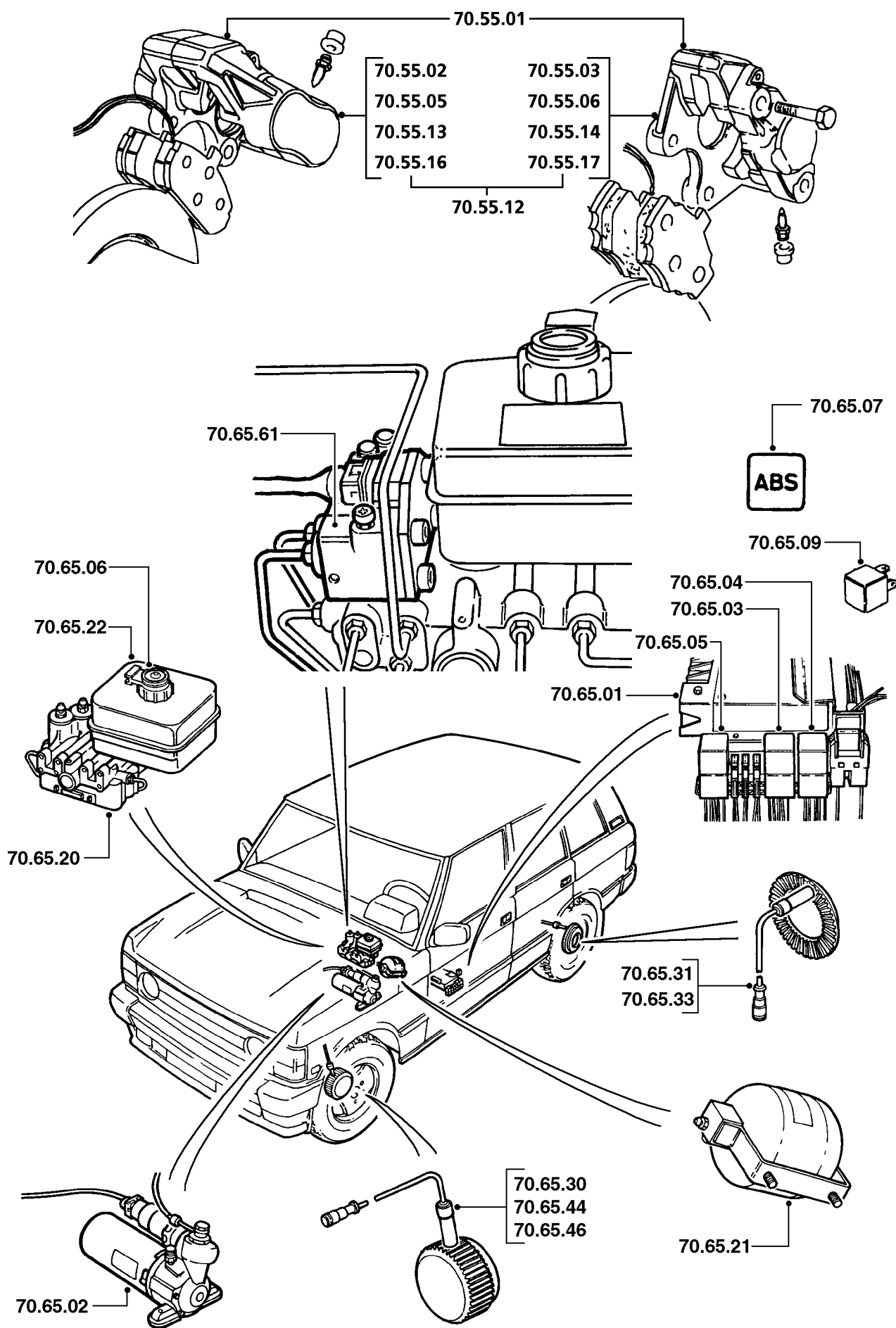


70 BRAKES

CLASSIC

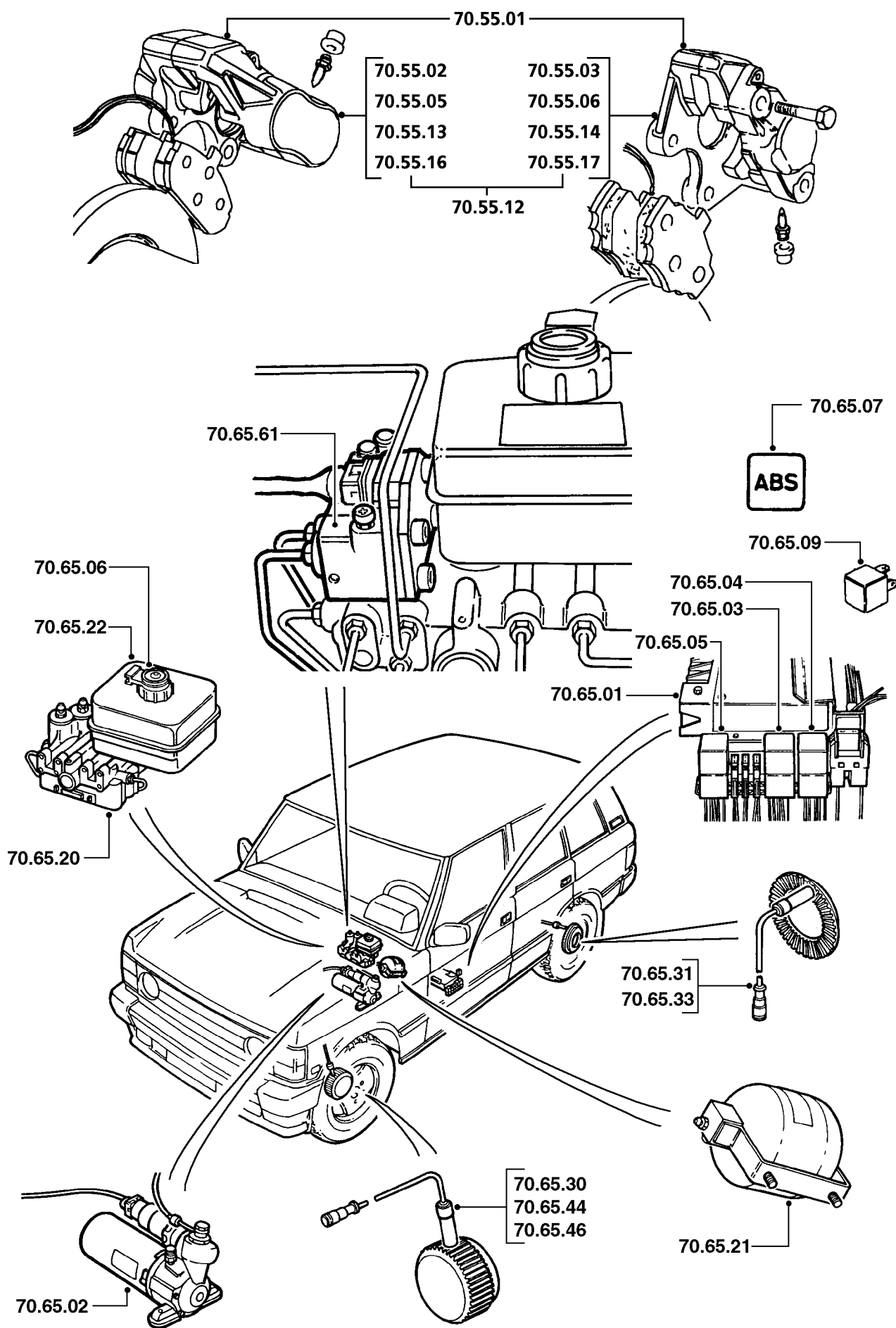
(Operations include bleeding brakes where necessary)

		All models	
70.55	WHEEL/BRAKE CALIPERS		
70.55.01	Calipers - vehicle set - renew	02.00	*
70.55.01/35	Calipers - vehicle set - renew - ABS/ALB fitted	02.35	*
70.55.02	Caliper - front - each - renew	01.15	6C3
70.55.02/35	Caliper - front - each - renew - ABS/ALB fitted	01.50	6C3
70.55.03	Caliper - rear - each - renew	01.05	6D3
70.55.03/35	Caliper - rear - each - renew - ABS/ALB fitted	01.45	6D3
70.55.05	Calipers - front - set - renew	01.45	6C3
70.55.05/35	Calipers - front - set - renew - ABS/ALB fitted	01.80	6C3
70.55.06	Calipers - rear - set - renew	01.35	6D3
70.55.06/35	Calipers - rear - set - renew - ABS/ALB fitted	01.70	6D3
70.55.12	Calipers - vehicle set - overhaul	03.15	*
70.55.12/35	Calipers - vehicle set - overhaul - ABS/ALB fitted	03.55	*
70.55.13	Caliper - front - each - overhaul	01.50	6C3
70.55.13/35	Caliper - front - each - overhaul - ABS/ALB fitted	01.85	6C3
70.55.14	Caliper - rear - each - overhaul	01.30	6D3
70.55.14/35	Caliper - rear - each - overhaul - ABS/ALB fitted	01.45	6D3
70.55.16	Calipers - front - set - overhaul	02.20	6C3
70.55.16/35	Calipers - front - set - overhaul - ABS/ALB fitted	02.55	6C3
70.55.17	Calipers - rear - set - overhaul	01.80	6D3
70.55.17/35	Calipers - rear - set - overhaul - ABS/ALB fitted	02.15	6D3
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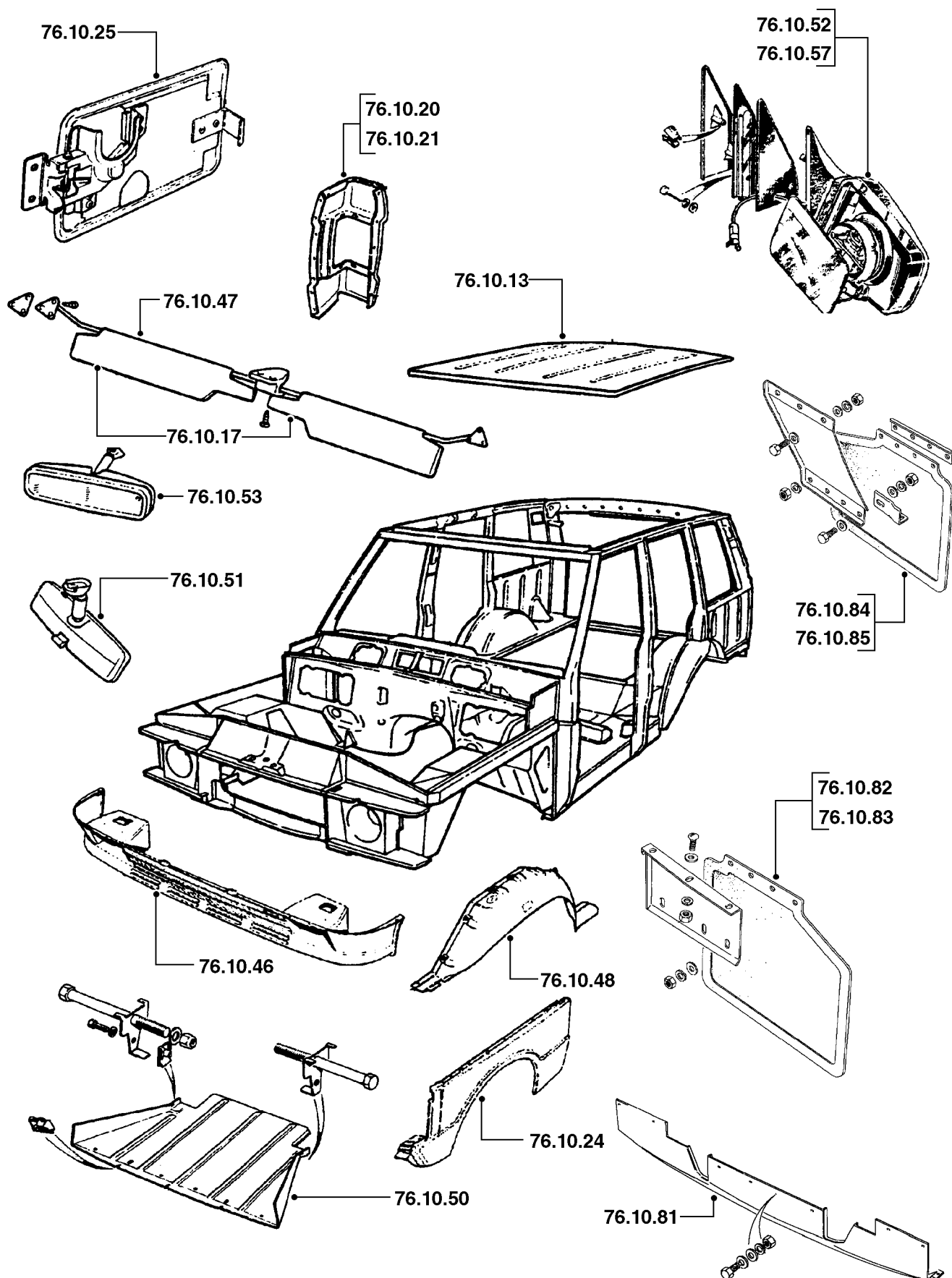


(Operations include bleeding brakes where necessary)

		All models	
70.65	ANTI-LOCK BRAKING SYSTEM (A.B.S.)		
70.65.01	Control unit (ECU) - renew	00.45	7N8
70.65.02	Pump - electric - renew	01.50	6K8
70.65.03	Relay - solenoid valve - renew.....	00.15	7N8
70.65.04	Relay - pump/modulator - renew	00.15	7N8
70.65.05	Relay - ABS warning light - renew	00.15	7N8
70.65.06	Switch - low fluid level - renew.....	00.10	7N2
70.65.07	Bulb - ABS/ALB warning light - renew	00.35	
70.65.09	Main relay - ABS - renew.....	00.15	7N8
70.65.20	Booster unit - renew.....	02.20	6K3
70.65.21	Accumulator - renew	01.85	6K9
70.65.22	Reservoir - booster unit - renew	00.40	6K2
70.65.30	Sensor & harness - front wheel - each - renew	01.60	7N0
70.65.31	Sensor & harness - rear wheel - each - renew	00.55	7N0
70.65.32	Sensor & harness - front wheels - pair - renew	01.90	7N0
70.65.33	Sensor & harness - rear wheels - pair - renew	00.90	7N0
70.65.44	'O' ring seal &/or bush - ABS sensor - front - each - renew	01.40	
70.65.46	'O' ring seal &/or bush - ABS sensor - front - pair - renew	01.65	
70.65.61	Valve block - ABS/ALB - renew	01.55	6M1
70.90	DIAGNOSIS		
	(Operations are based on the procedures in the Repair Operation Manual and/or using approved test equipment)		
70.90.05/01	Anti-lock braking system (ABS or ALB) - diagnosis	00.30	-
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

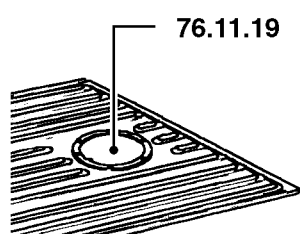
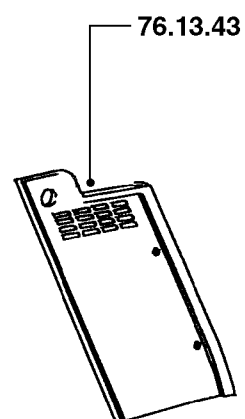
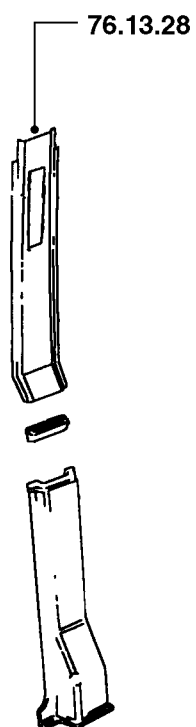
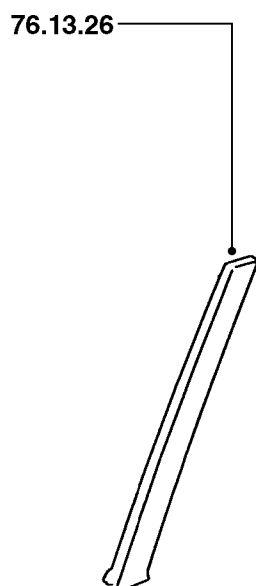


		2 Door	4 Door	
76.10	BODY - GENERAL			
76.10.13	Panel - roof - renew	03.75	03.75	9A2
76.10.13/84	Panel - roof - renew - sun/sliding roof fitted	05.50	05.50	9A2
76.10.17	Sun visors - pair - renew	00.15	00.15	8S4
76.10.20	Panel - rear corner - LH - renew	01.15	01.10	9A4
76.10.21	Panel - rear corner - RH - renew	01.15	01.25	9A4
76.10.24	Wing - front - LH/each - remove for access & refit.....	01.50	01.50	9A3
76.10.25	Flap - fuel filler - renew	00.10	00.10	9P9
76.10.46	Spoiler - front valance - complete - renew	00.35	00.35	9B8
76.10.47	Sun visor - each - renew	00.10	00.10	8S4
76.10.48	Liner - front wheel arch - front - single - renew	00.30	00.30	9P6
76.10.50	Panel - front underbelly - centre - renew		00.15	9Z1
76.10.51	Mirror - interior - renew	00.10	00.10	8S3
76.10.52	Mirror - exterior - each - renew	00.10	00.10	9P1
76.10.53	Mirror - interior - electronic dip - renew	00.10	00.10	8T7
76.10.57	Mirror - exterior - electric - renew.....		00.15	9P1
76.10.81	Panel - lower - front - renew	00.40	00.40	9B0
76.10.82	Mud flaps - front - pair - renew.....	00.45	00.45	9P5
76.10.83	Mud flap - front - each - renew.....	00.20	00.20	9P5
76.10.84	Mud flaps - rear - pair - renew	00.45	00.45	9P5
76.10.85	Mud flap - rear - each - renew	00.20	00.20	9P5
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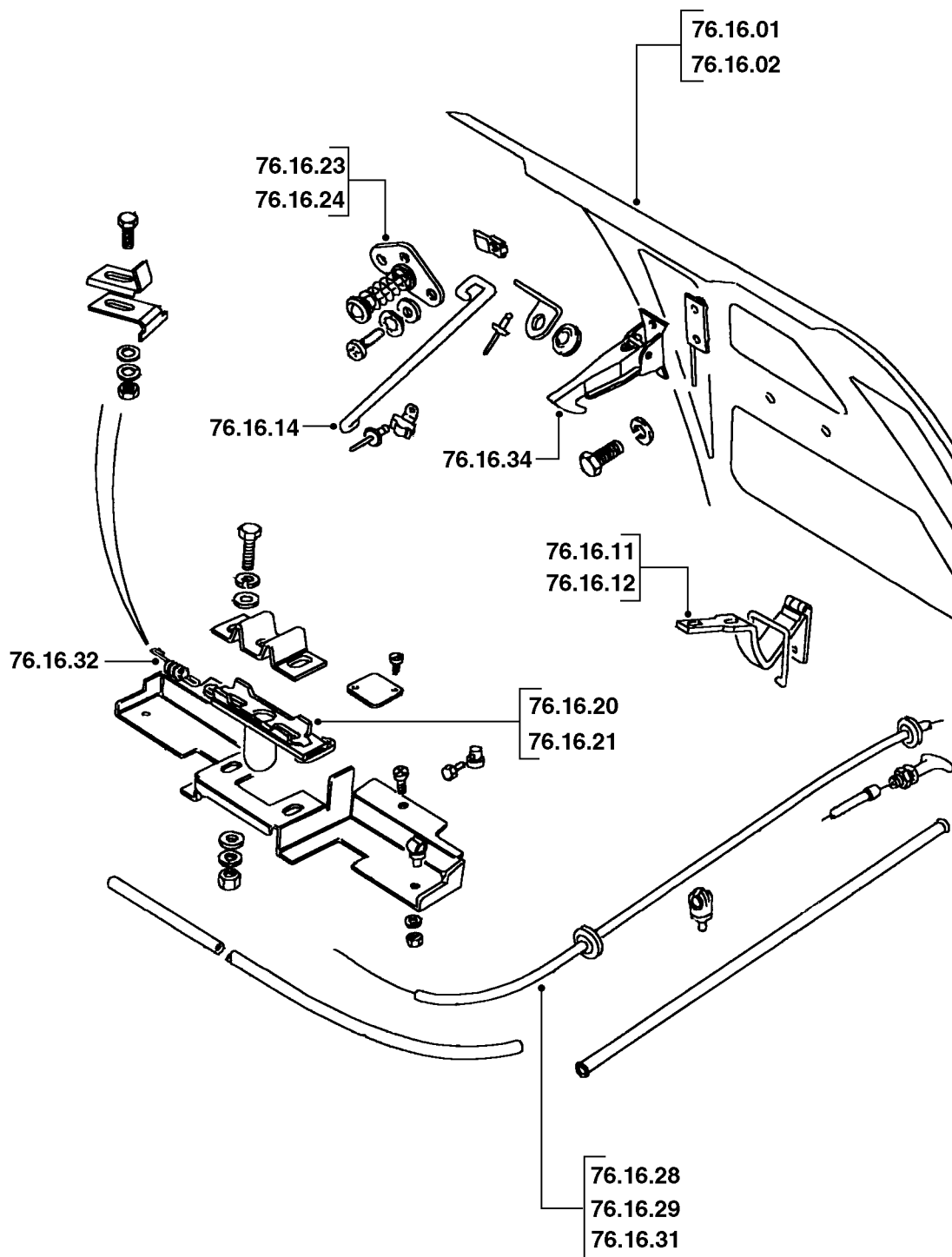


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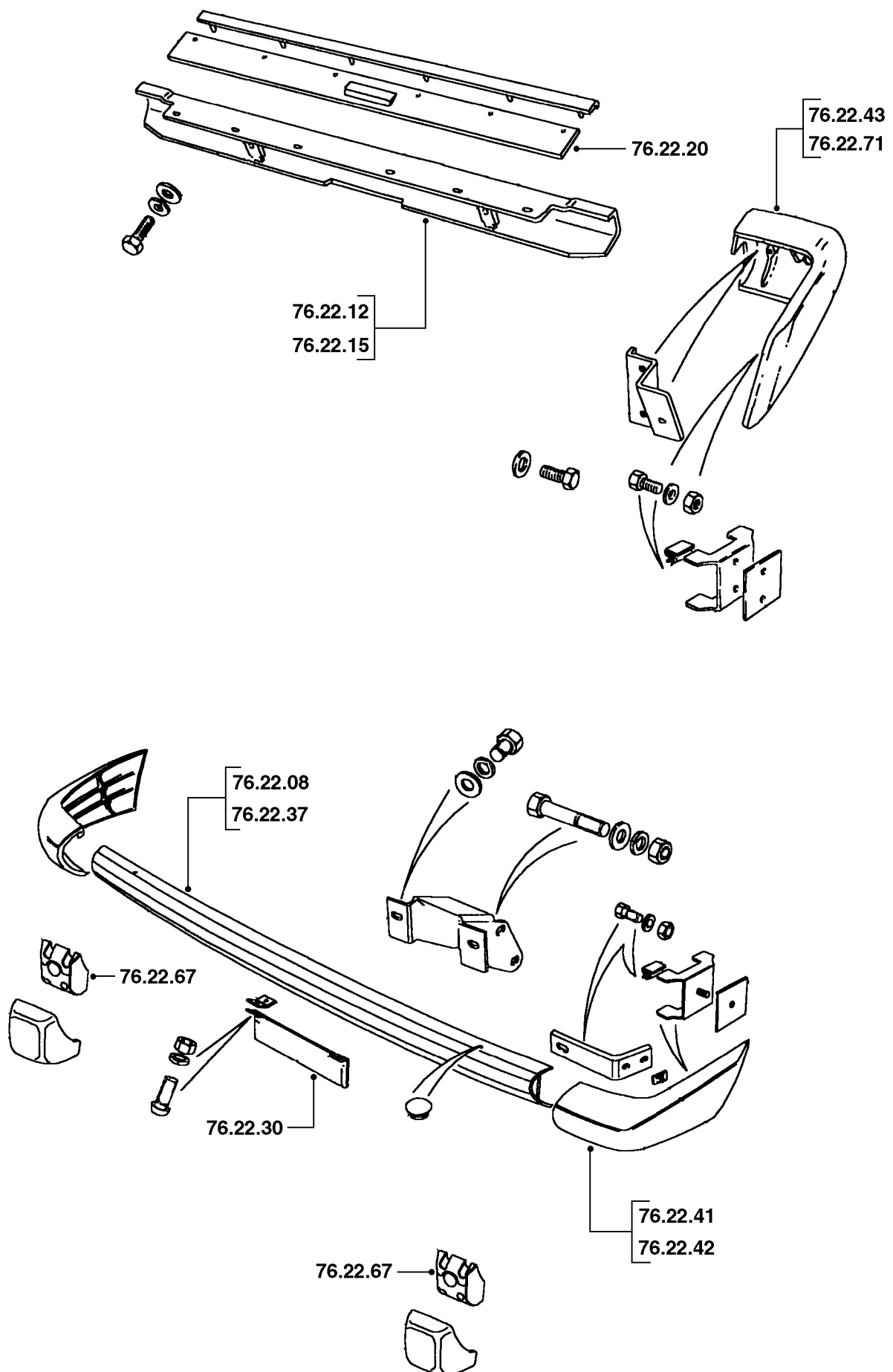
		2 Door	4 Door	
76.11	BODY - GENERAL (cont.)			
76.11.19	Access panel - fuel pump/sender unit - renew.....	00.35	00.35	
76.13	BODY TRIM INTERIOR			
76.13.26	Trim finisher - 'A' post - upper - renew.....	00.10	00.10	8D3
76.13.27	Trim finisher - 'A' post - lower - renew	00.10	00.10	8D3
76.13.28	Trim finisher - 'B' post - upper - renew.....	00.10	00.10	8D3
76.13.43	Trim casing - rear quarter - RH - upper - renew.....	00.35	00.35	
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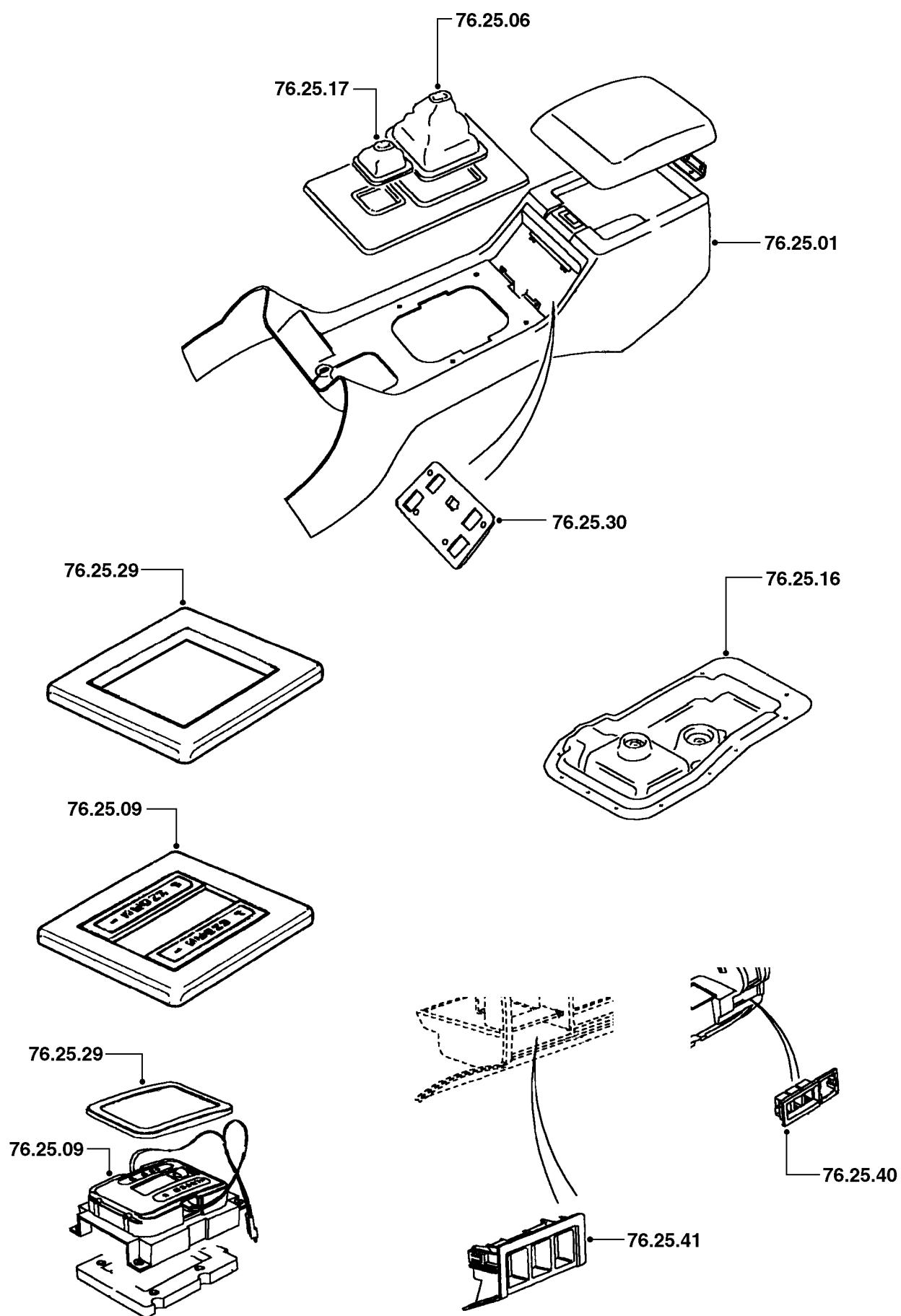
		2 Door	4 Door	
76.16	BONNET & LOCK			
76.16.01	Bonnet - renew	01.25	01.25	9C8
76.16.02	Bonnet - alignment - check & adjust	00.30	00.30	*
76.16.11	Hinge - bonnet - each - renew	01.50	01.50	9F4
76.16.12	Hinges - bonnet - set - renew	01.60	01.60	9F4
76.16.14	Stay/strut - one - renew	00.10	00.10	9F6
76.16.20	Lock(s) - adjust	00.25	00.25	*
76.16.21	Lock - renew	00.25	00.25	8W9
76.16.23	Lock pin(s) - adjust	00.15	00.15	*
76.16.24	Lock pin - LH/each - renew	00.15	00.15	8W9
76.16.28	Cable/rod - lock control - adjust	00.15	00.15	8W3
76.16.29	Cable/rod - lock control - renew	00.25	00.25	8W3
76.16.31	Cable - inner - lock control - renew	00.20	00.20	8W3
76.16.32	Return spring - bonnet lock - renew	00.15	00.15	8W3
76.16.34	Safety catch - bonnet - renew	00.10	00.10	8W2
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE				



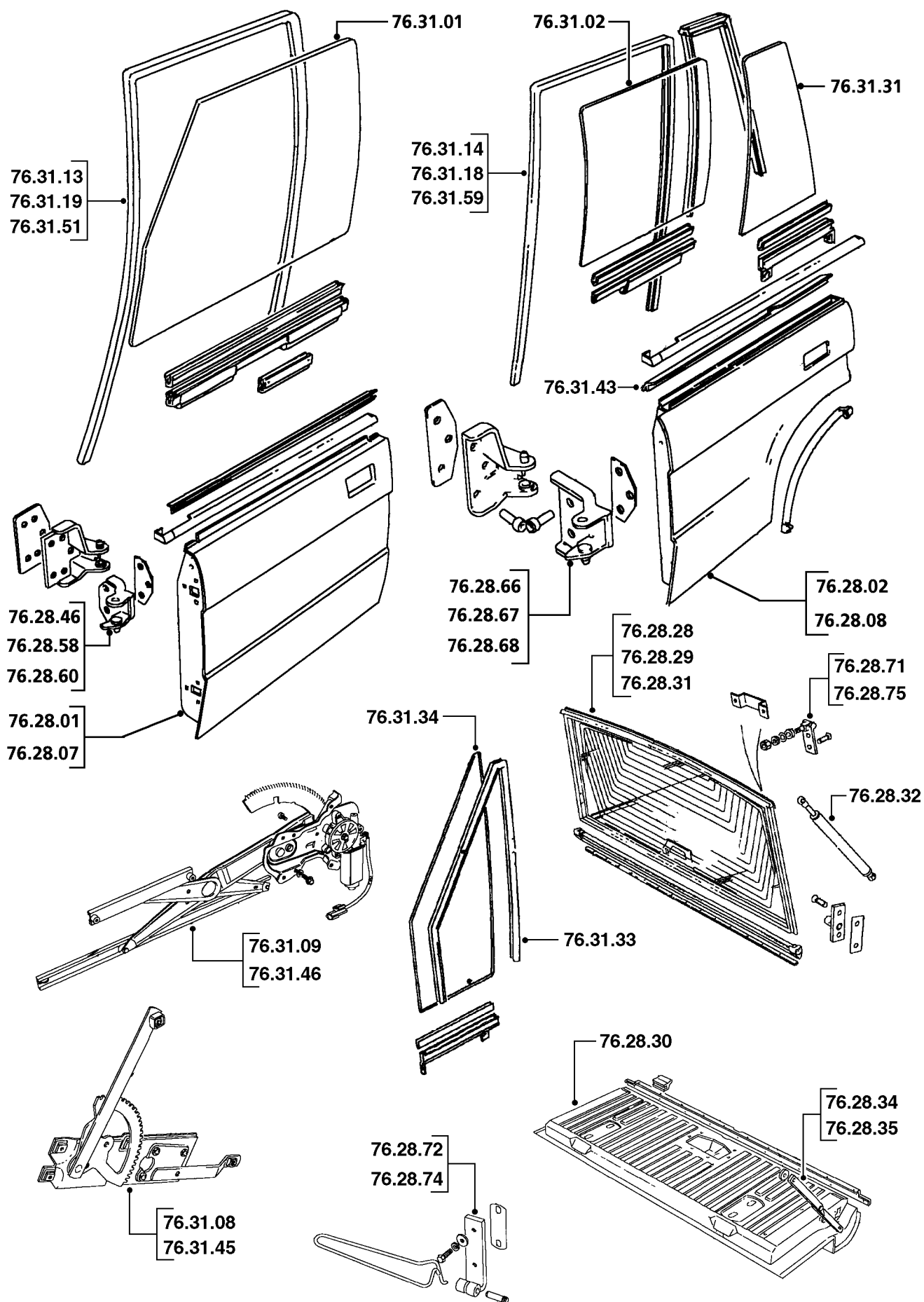
76.22	BUMPERS & OVERRIDERS/UNDERRIDERS (for finishing unpainted parts see PAINT REFINISHING TIMES Section 79J- Flat & Repaint)	2 Door	4 Door	
76.22.08	Bumper assembly - front - renew..... .	01.10	01.10	9M1
76.22.12	Centre section/blade - bumper - rear - renew	00.35	00.35	9R8
76.22.15	Bumper assembly - rear - renew	00.55	00.55	9R8
76.22.20	Trim finisher(s) - bumper - rear - renew	00.40	00.40	9R2
76.22.30	Plinth - number plate - front - renew	00.10	00.10	9R1
76.22.37	Centre section/blade - front bumper - renew	00.85	00.85	9M1
76.22.41	Side section/end capping - front bumper - one side - renew	00.25	00.25	9M1
76.22.42	Side sections/end cappings - front bumper - both sides - renew ..	00.40	00.40	9M1
76.22.43	Side sections/end cappings - rear bumper - both sides - renew ..	00.35	00.35	9R8
76.22.67	Crush cans - front bumper - centre section - renew.....	01.20	01.20	
76.22.71	Side section/end capping - rear bumper - renew	00.20	00.20	9R8
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE		J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE		S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE



		2 Door	4 Door	
76.25	CONTROL PANELS & CONSOLES			
76.25.01	Console assembly - front/centre/upper - renew	00.55	00.55	8E3
76.25.06	Gaiter - gear lever - renew	00.10	00.10	8E4
76.25.09	Cover - automatic transmission selector - renew	00.35	00.35	4F9
76.25.16	Dust excluder - transmission levers - renew	01.05	01.05	8E1
76.25.17	Gaiter - transfer gear lever - renew	00.40	00.40	8E1
76.25.29	Veneer panel - automatic transmission selector - renew	00.10	00.10	4F9
76.25.30	Veneer panel(s) - console - renew	00.10	00.10	8E3
76.25.40	Switch panel - exterior door mirrors - renew	00.20	00.20	8E2
76.25.41	Switch panel - air suspension - renew	00.10	00.10	8E2
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE				

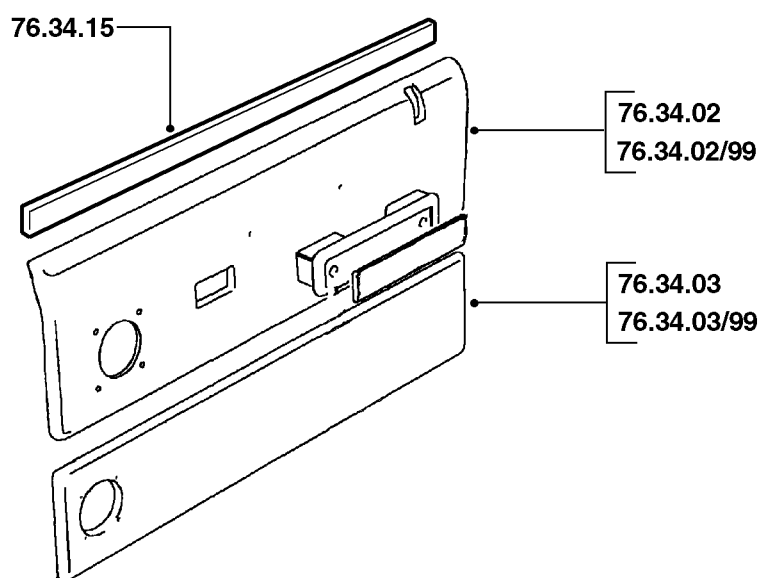
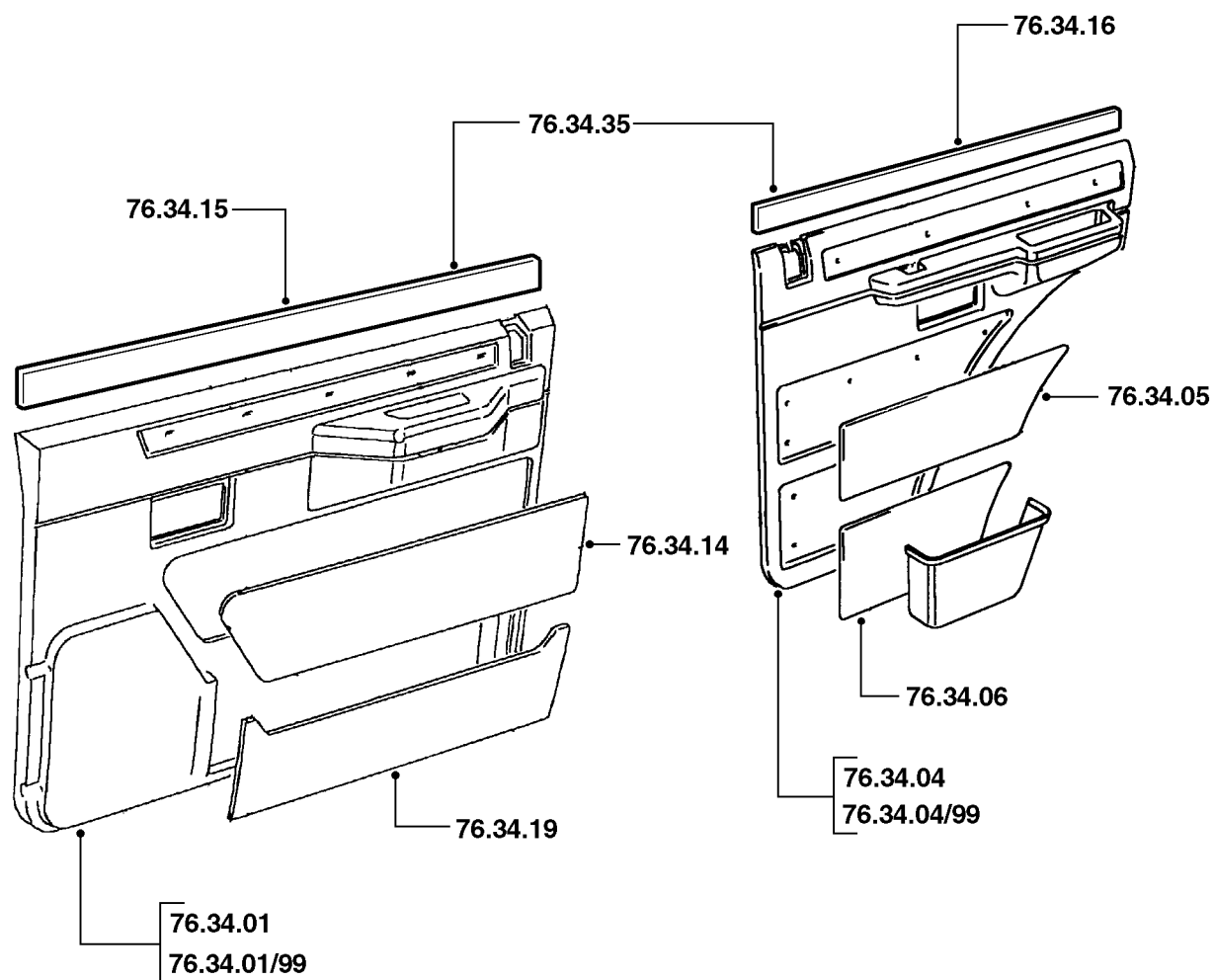


		2 Door	4 Door																									
76.28	DOORS																											
76.28.01	Door assembly - front - each - renew	03.30	03.15	9C1																								
76.28.02	Door assembly - rear - each - renew		03.30	9C2																								
76.28.07	Door - front - align on hinges	00.40	00.40	9F1																								
76.28.08	Door - rear - align on hinges		00.40	9F2																								
76.28.28	Tailgate - adjust on striker(s)	00.10	00.10	8V2																								
76.28.29	Tailgate assembly - upper - renew	01.70	01.70	9C5																								
76.28.30	Tailgate assembly - lower - renew	02.00	02.00	9C6																								
76.28.31	Tailgate - upper - align on hinges (includes adjust on strikers)	00.30	00.30	9F3																								
76.28.32	Stays/struts - tailgate - upper - pair - renew	00.15	00.15	9F9																								
76.28.34	Stays/struts - tailgate - lower - pair - renew	00.15	00.15	9F8																								
76.28.35	Stay/strut - tailgate - lower - renew	00.10	00.10	9F8																								
76.28.46	Hinges - front door - pair - renew	01.00	01.00	9F1																								
76.28.58	Hinge - front door - upper - renew	00.65	00.65	9F1																								
76.28.60	Hinge - front door - lower - renew	00.55	00.60	9F1																								
76.28.66	Hinge - rear door - upper - renew		00.55	9F2																								
76.28.67	Hinge - rear door - lower - renew		00.55	9F2																								
76.28.68	Hinges - rear door - pair - renew		00.85	9F2																								
76.28.71	Hinges - upper tailgate - renew	01.10	01.10	9F3																								
76.28.72	Hinges - lower tailgate - renew	00.40	00.40	9F3																								
76.28.74	Hinge - lower tailgate - each - renew	00.35	00.35	9F2																								
76.28.75	Hinge - upper tailgate - each - renew	01.05	01.05	9F3																								
76.31	DOOR GLASSES, FRAMES & SEALS (for electrically operated window mechanisms - see 86.25)																											
76.31.01	Glass - front door - renew	01.25	01.05	8G3																								
76.31.02	Glass - rear door - renew		01.20	8G3																								
76.31.08	Glass regulator - front door - adjust	00.50	00.50	*																								
76.31.09	Glass regulator - rear door - adjust		00.50	*																								
76.31.13	Rubber/felt - glass channel - front door - renew	01.25	01.15	8F8																								
76.31.14	Rubber/felt - glass channel - rear door - renew		01.25	8F9																								
76.31.18	Glass frame/channel - rear door - upper - adjust		00.45	*																								
76.31.19	Glass frame/channel - front door - upper - adjust	00.45	00.45	*																								
76.31.31	Quarter light - fixed - rear door - renew		01.60	8G0																								
76.31.33	Seal - quarter light - fixed - front door - renew	01.10		9H3																								
76.31.34	Quarter light - fixed - front door - renew	01.45		9J3																								
76.31.43	Seal - glass inner - rear door - renew	00.35	00.25	9H2																								
76.31.45	Glass regulator - front door - renew	01.05	00.65	8F1																								
76.31.46	Glass regulator - rear door - renew		00.90	8F1																								
76.31.51	Frame - side door glass - front - renew	01.45	01.15	9C3																								
76.31.59	Frame - side door glass - rear - renew		01.55	9C3																								
<table><tr><td>A - WRONGLY ADJUSTED</td><td>J - WORN/STRETCHED</td><td>S - OPEN CIRCUIT/BLOCKED</td></tr><tr><td>B - POROUS/ADRIFT</td><td>K - NOISY/CHAFED</td><td>T - SHORT CIRCUIT/THREAD DAMAGE</td></tr><tr><td>C - BAD FIT</td><td>L - JUDDER/POOR CONNECTION</td><td>U - INACCURATE/SLIPPING</td></tr><tr><td>D - BROKEN</td><td>M - BODY/COOLANT LEAKS/BURNT</td><td>V - BULB/LIGHT UNIT FAILURE</td></tr><tr><td>E - CRACKED/SPLIT/CUT</td><td>N - LEAKS - NOT COOLANT LOSS</td><td>W - VIBRATION/OUT OF BALANCE</td></tr><tr><td>F - SEIZED/STIFF</td><td>P - DIFFICULT ENGAGEMENT</td><td>X - BRAKE PULL/SURFACE DAMAGE</td></tr><tr><td>G - LOOSE/WEAK SYNCHROMESH</td><td>Q - FADED/STAINED/DISCOLOURED</td><td>Z - INOPERATIVE</td></tr><tr><td>H - CORRODED/PLATING FAILURE</td><td>R - FACTORY DAMAGE</td><td></td></tr></table>					A - WRONGLY ADJUSTED	J - WORN/STRETCHED	S - OPEN CIRCUIT/BLOCKED	B - POROUS/ADRIFT	K - NOISY/CHAFED	T - SHORT CIRCUIT/THREAD DAMAGE	C - BAD FIT	L - JUDDER/POOR CONNECTION	U - INACCURATE/SLIPPING	D - BROKEN	M - BODY/COOLANT LEAKS/BURNT	V - BULB/LIGHT UNIT FAILURE	E - CRACKED/SPLIT/CUT	N - LEAKS - NOT COOLANT LOSS	W - VIBRATION/OUT OF BALANCE	F - SEIZED/STIFF	P - DIFFICULT ENGAGEMENT	X - BRAKE PULL/SURFACE DAMAGE	G - LOOSE/WEAK SYNCHROMESH	Q - FADED/STAINED/DISCOLOURED	Z - INOPERATIVE	H - CORRODED/PLATING FAILURE	R - FACTORY DAMAGE	
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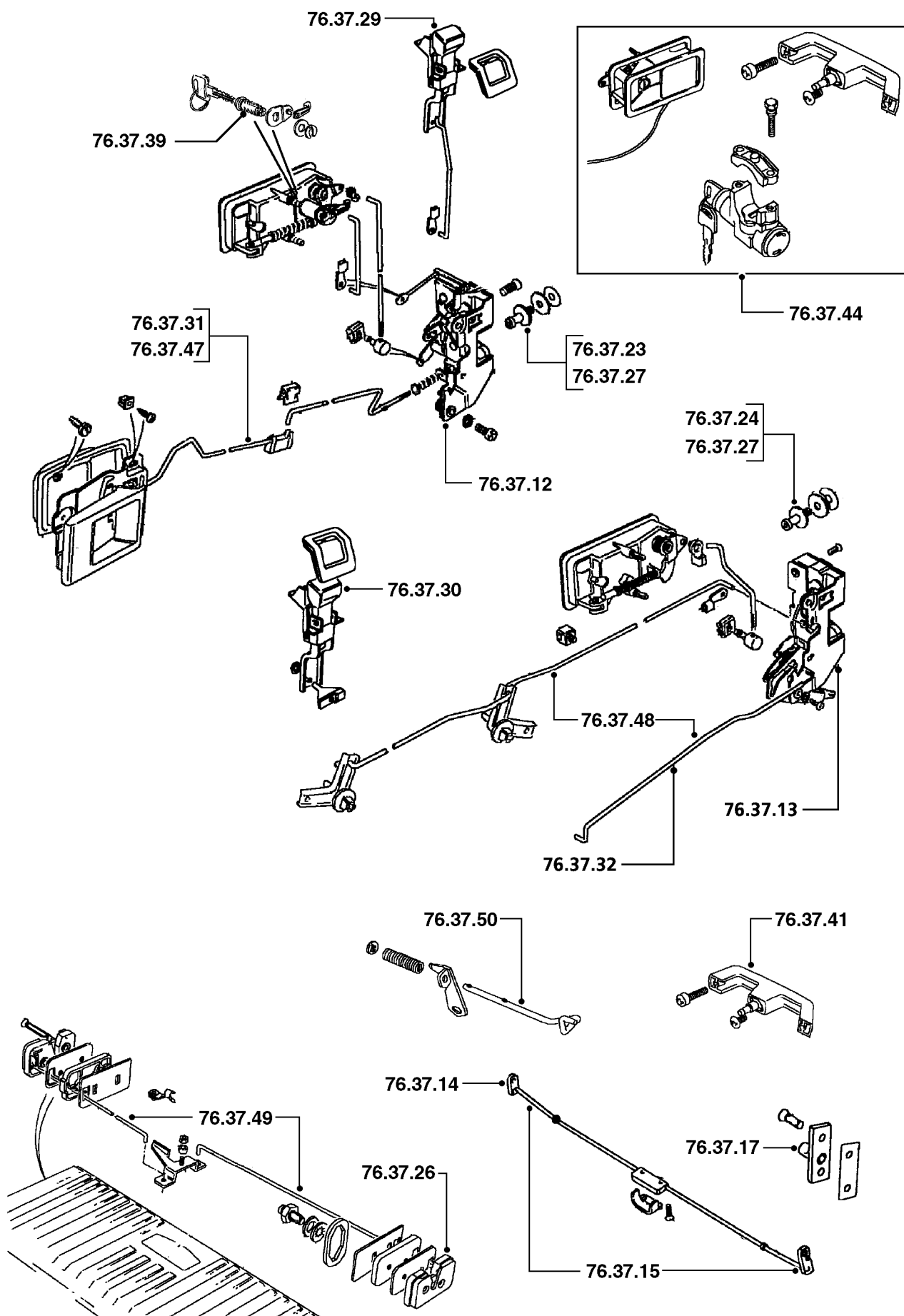


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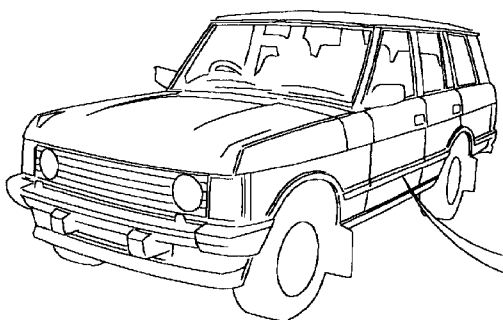
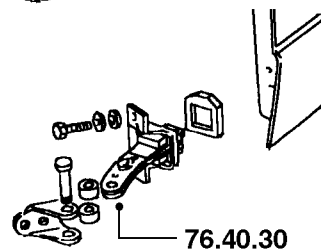
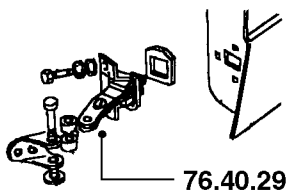
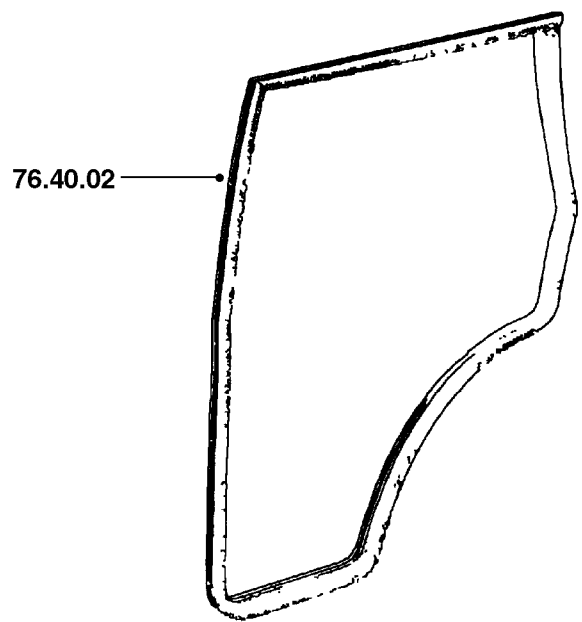
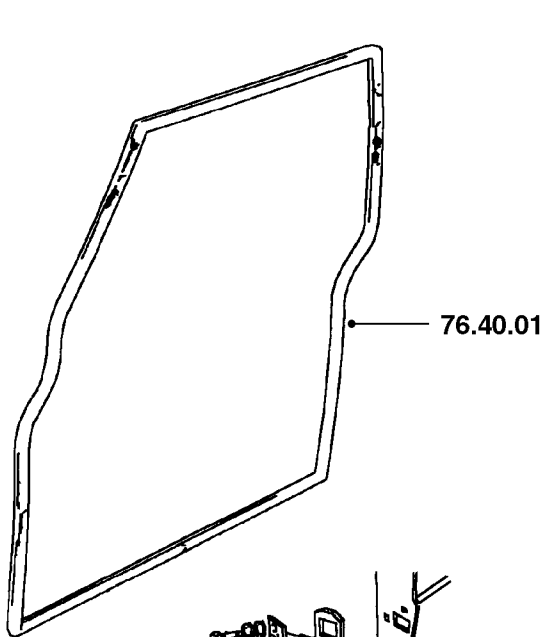
		2 Door	4 Door	
76.34	DOOR INTERIOR TRIM & FINISHERS			
76.34.01	Trim casing - front door - renew.....		00.80	8C6
76.34.01/99	Trim casing - front door - remove for access & refit.....		00.40	*
76.34.02	Trim casing - front door - upper - renew	00.30		8C6
76.34.02/99	Trim casing - front door - upper - remove for access & refit	00.30		*
76.34.03	Trim casing - front door - lower - renew	00.20		8C6
76.34.03/99	Trim casing - front door - lower - remove for access & refit	00.15		*
76.34.04	Trim casing - rear door - renew		00.70	8C6
76.34.04/99	Trim casing - rear door - remove for access & refit		00.40	*
76.34.05	Trim pad - rear door - upper - renew		00.15	8C6
76.34.06	Trim pad - rear door - lower - renew		00.55	8C6
76.34.14	Trim pad - front door - renew		00.15	8C6
76.34.15	Capping - front door - renew	00.10	00.10	8D4
76.34.16	Capping - rear door - renew.....		00.10	8D4
76.34.19	Pocket - front door - renew		00.40	8S6
76.34.35	Mouldings - veneer - interior - vehicle set - renew	00.25	00.25	-
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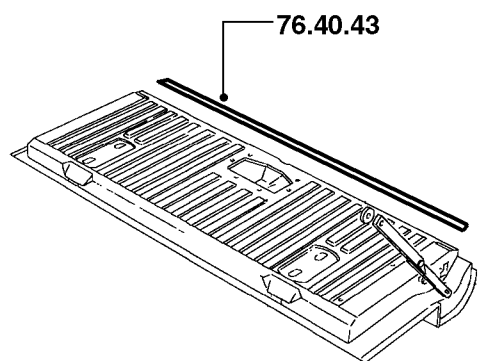
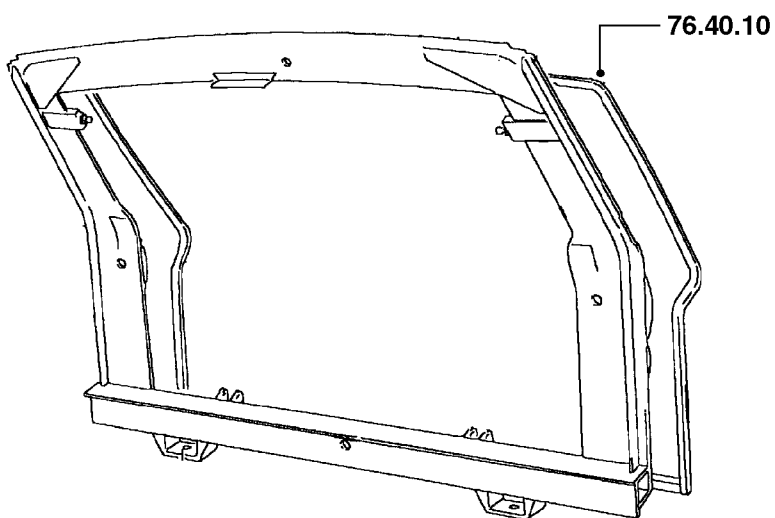
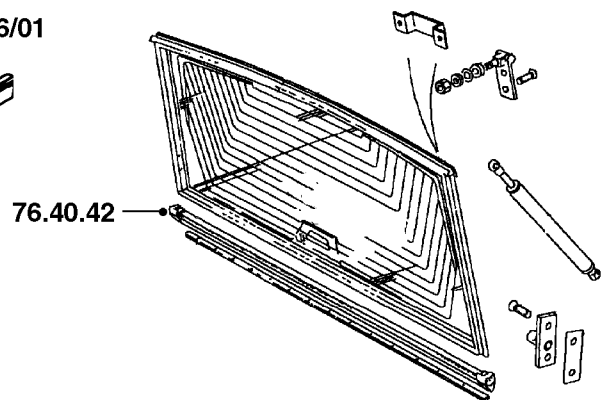
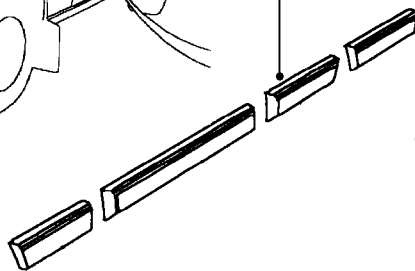
		2 Door	4 Door	
76.37	DOOR LOCKS & LATCHES (for electrically operated locks - see 86.26)			
76.37.12	Latch - front door - renew	01.55	01.30	8U1
76.37.13	Latch - rear door - renew		00.50	8U1
76.37.14	Lock/latch - upper tailgate - each - renew	00.40	00.40	8V1
76.37.15	Lock/latch - upper tailgate - pair - renew	00.60	00.60	8V1
76.37.17	Latch - tailgate - renew	00.10	00.10	8V1
76.37.23	Striker plate - front door - renew - includes adjustment	00.10	00.10	8U2
76.37.24	Striker plate - rear door - renew - includes adjustment		00.10	8U2
76.37.26	Striker plate - tailgate - renew - includes adjustment	00.10	00.10	8V2
76.37.27	Door - front or rear - adjust on striker.....	00.10	00.10	8U2
76.37.29	Lever - remote control locking - front door - renew	00.35	00.35	8U5
76.37.30	Lever - remote control locking - rear door - renew.....	00.35	00.35	8U5
76.37.31	Remote control - front door - renew.....	00.50	00.55	8U4
76.37.32	Remote control - rear door - renew		00.70	8U4
76.37.39	Private lock - front door - renew.....	00.55	00.55	8U0
76.37.41	Private lock - tailgate - renew	00.15	00.15	8V0
76.37.44	Private locks - vehicle set - renew	01.90	01.90	8V0
76.37.47	Operating rods - lock remote control - front door - adjust	00.45	00.50	8U7
76.37.47/01	Operating rods - lock remote control - front door - re-align &/or insulate	00.30		*
76.37.48	Operating rods - lock remote control - rear door - adjust.....		00.50	8U7
76.37.48/01	Operating rods - lock remote control - front door - re-align &/or insulate	00.30		*
76.37.49	Operating rods - lock remote control - tail door - adjust.....	00.35	00.35	*
76.37.50	Operating rod(s) - tailgate lock - renew	00.30	00.30	8V7



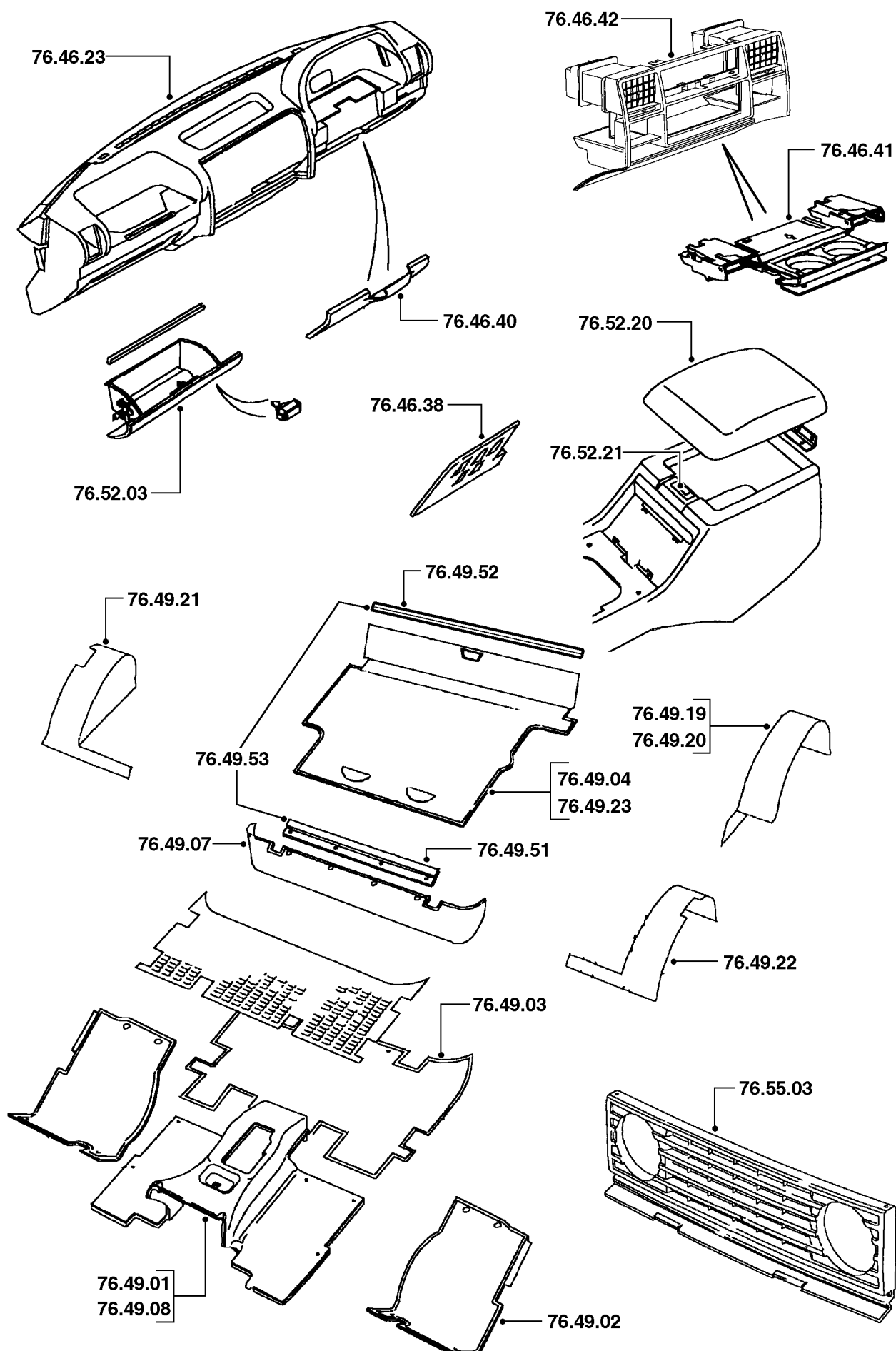
		2 Door	4 Door	
76.40	DOOR SEALS, CHECK STRAPS & STAYS			
76.40.01	Seal - front door - renew	00.40	00.30	9H1
76.40.02	Seal - rear door - renew.....		00.25	9H1
76.40.10	Seal - tailgate/tail door - aperture - complete - renew	00.45	00.45	9H1
76.40.29	Check strap - front door - renew	00.35	00.45	9F7
76.40.30	Check strap - rear door - renew.....		00.45	9F7
76.40.42	Seal - tailgate - upper - renew	00.40	00.40	9J4
76.40.43	Seal - tailgate - lower - renew	01.10	01.10	9J5
76.43	EXTERIOR FINISHERS & MOULDINGS			
76.43.66	Rubbing strip - per panel - renew	00.35	00.35	9L0
76.43.66/01	Rubbing strip - extra per panel - renew	00.25	00.25	9L0
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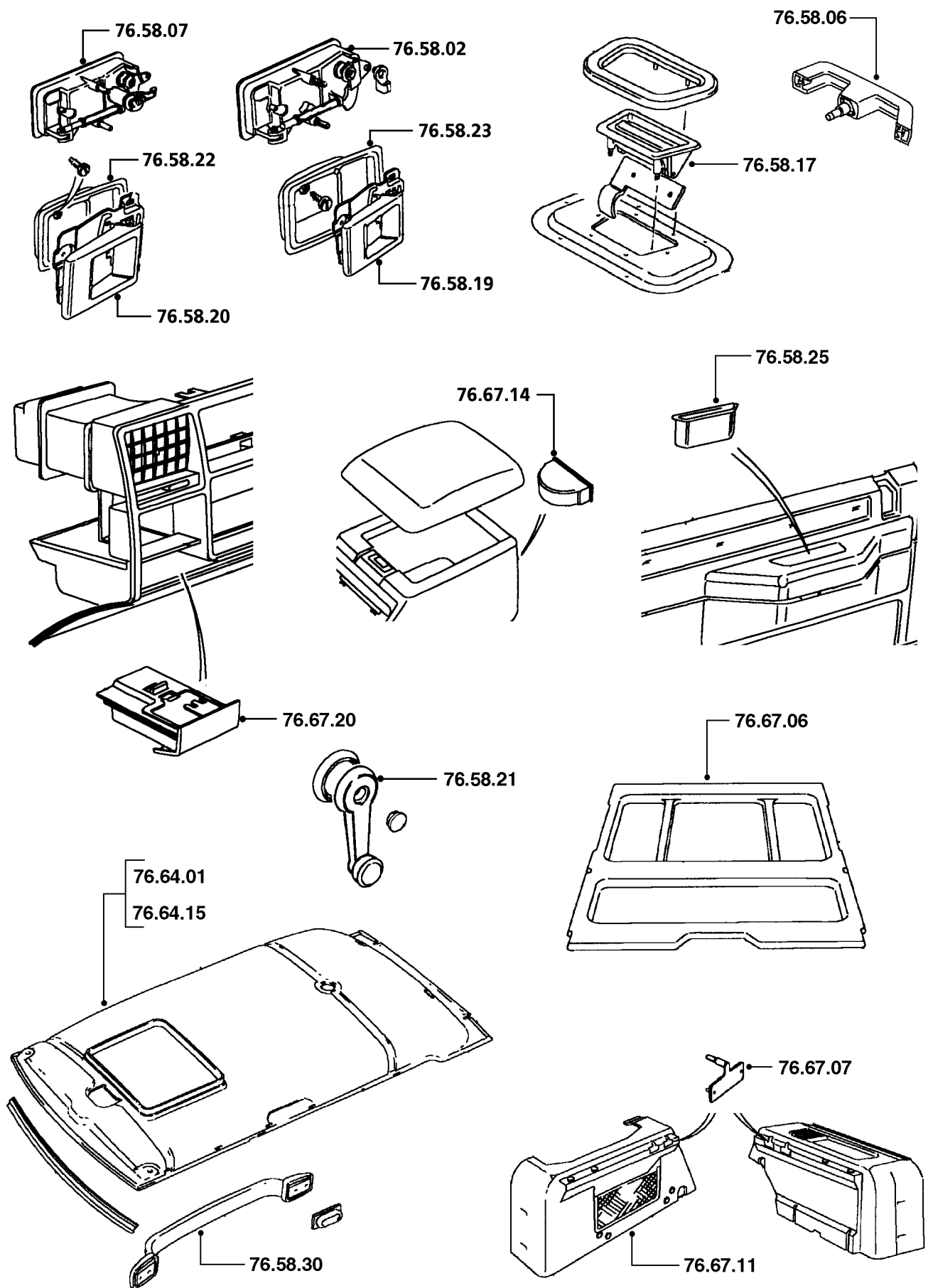
76.43.66
76.43.66/01



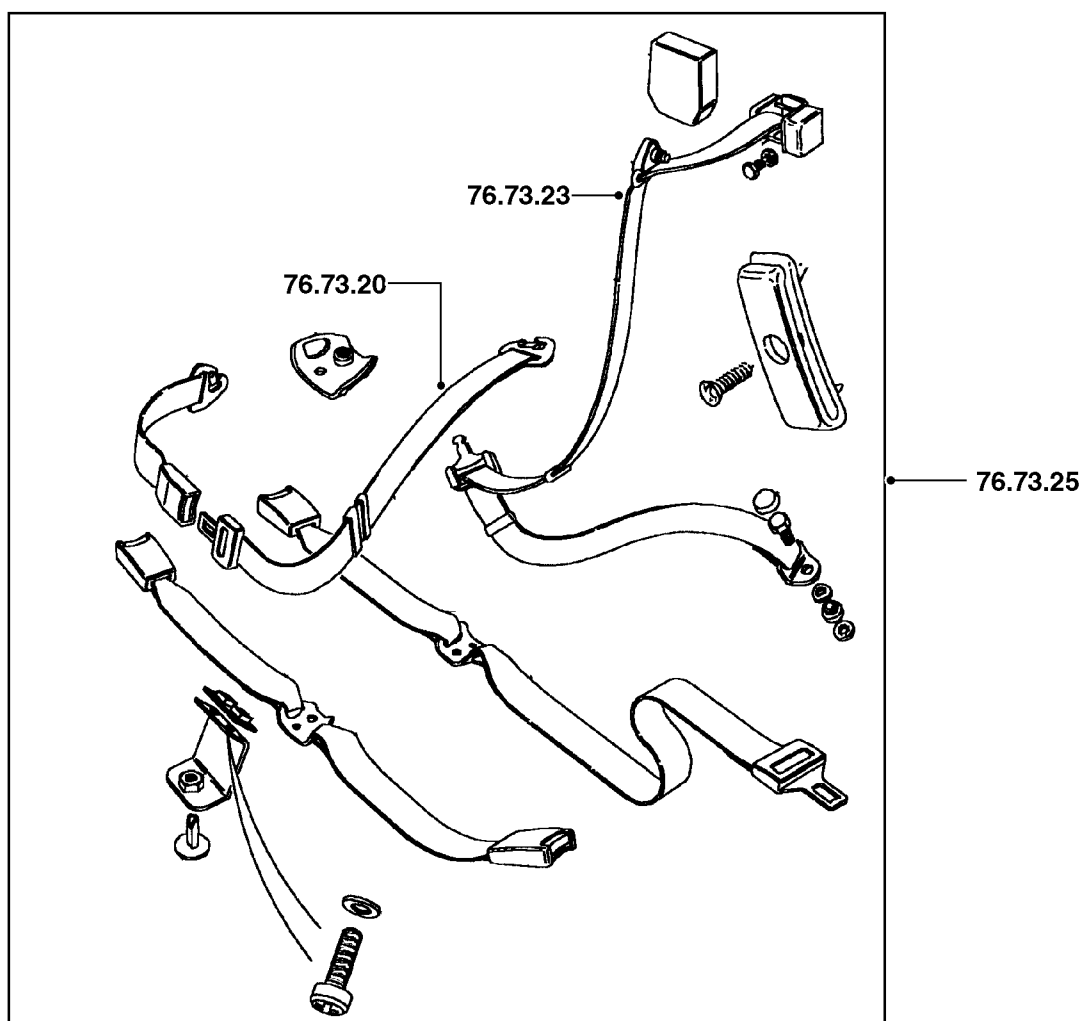
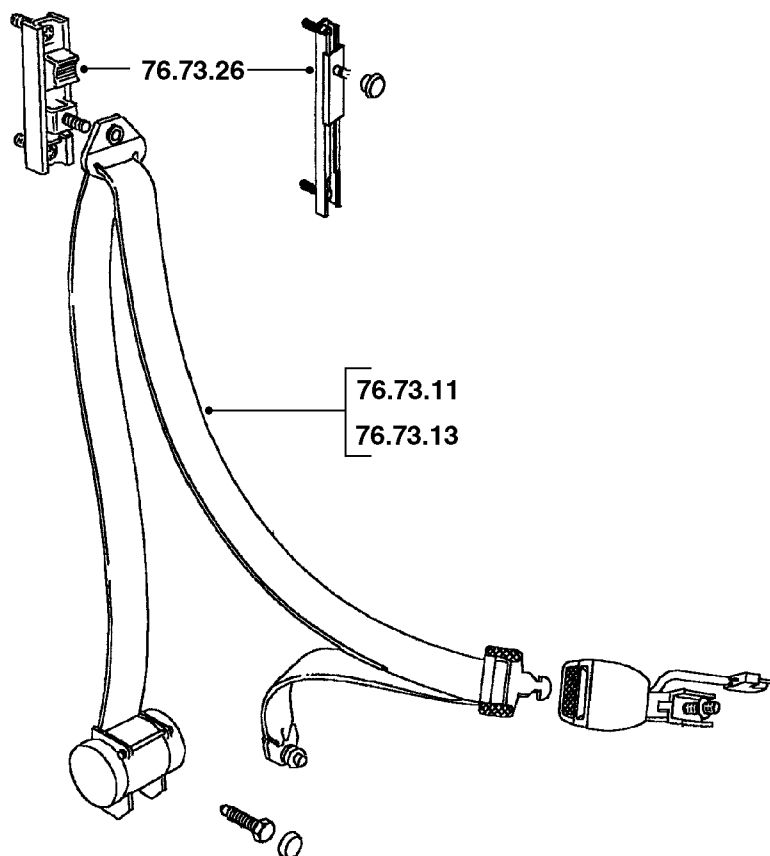
		2 Door	4 Door																									
76.46	FASCIA																											
76.46.23	Fascia - renew	05.25	05.25	8C3																								
76.46.23/99	Fascia - remove for access & refit	04.30	04.30	8C3																								
76.46.24	Panel(s) - veneered - fascia - renew	00.10	00.10	8E0																								
76.46.38	Panel - auxiliary switches - renew	00.20	00.20	8E2																								
76.46.40	Panel - fascia access - drivers side - renew	00.20	00.20	8C3																								
76.46.41	Drink tray assembly - centre fascia - renew.....	00.25	00.25	8Z3																								
76.46.42	Louvre panel assembly - centre fascia - renew	01.55	01.55	8E2																								
76.49	FLOOR COVERINGS																											
76.49.01	Carpet - gearbox cover - front/each - renew	01.40	01.40	8C1																								
76.49.02	Carpet/mat - front - renew	00.15	00.15	8C1																								
76.49.03	Carpet - rear - renew	00.15	00.15	8C1																								
76.49.04	Carpet/mat - luggage compartment - each - renew	00.10	00.10	8C9																								
76.49.07	Carpet - heelboard & seat pan - renew	01.10	01.10	8C1																								
76.49.08	Carpet/mat - front - one piece - renew	02.30	02.30	8C1																								
76.49.19	Cover/carpet - spare wheel - renew.....	00.10	00.10	8D6																								
76.49.20	Carpet - spare wheel/tool compartment - renew	00.10	00.10	8D6																								
76.49.21	Carpet - wheel arch - rear - RH - renew.....	00.85	00.85	8C9																								
76.49.22	Carpet - wheel arch - rear - LH - renew	00.85	00.85	8C9																								
76.49.23	Carpet - tailgate - renew	00.10	00.10	8C9																								
76.49.51	Retainer - carpet - luggage compartment - front - renew.....	00.10	00.10	8C0																								
76.49.52	Retainer - carpet - luggage compartment - rear - renew	00.10	00.10	8C0																								
76.49.53	Retainer - carpet - luggage compartment - pair - renew	00.10	00.10	8C0																								
76.52	GLOVE BOX																											
76.52.03	Glove box - renew - includes adjustment.....	00.15	00.15	8C4																								
76.52.20	Lid - centre console glove box - renew	00.30	00.30	8C4																								
76.52.21	Lock/latch - centre console glove box - renew.....	00.30	00.30	8W5																								
76.55	GRILLES																											
76.55.03	Grille - front - renew	00.10	00.10	9M7																								
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F - SEIZED/STIFF	P - DIFFICULT ENGAGEMENT	X - BRAKE PULL/SURFACE DAMAGE																										
G - LOOSE/WEAK SYNCHROMESH	Q - FADED/STAINED/DISCOLOURED	Z - INOPERATIVE																										
H - CORRODED/PLATING FAILURE	R - FACTORY DAMAGE																											



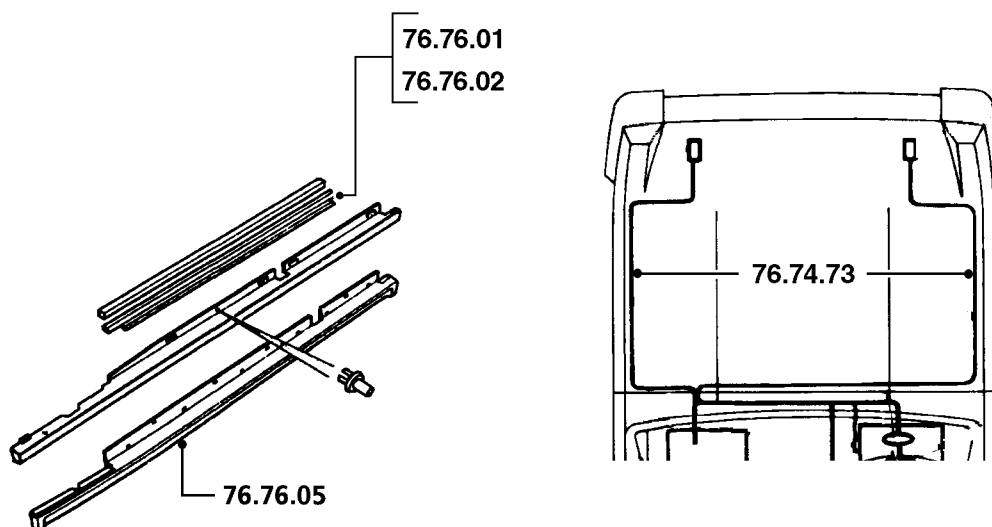
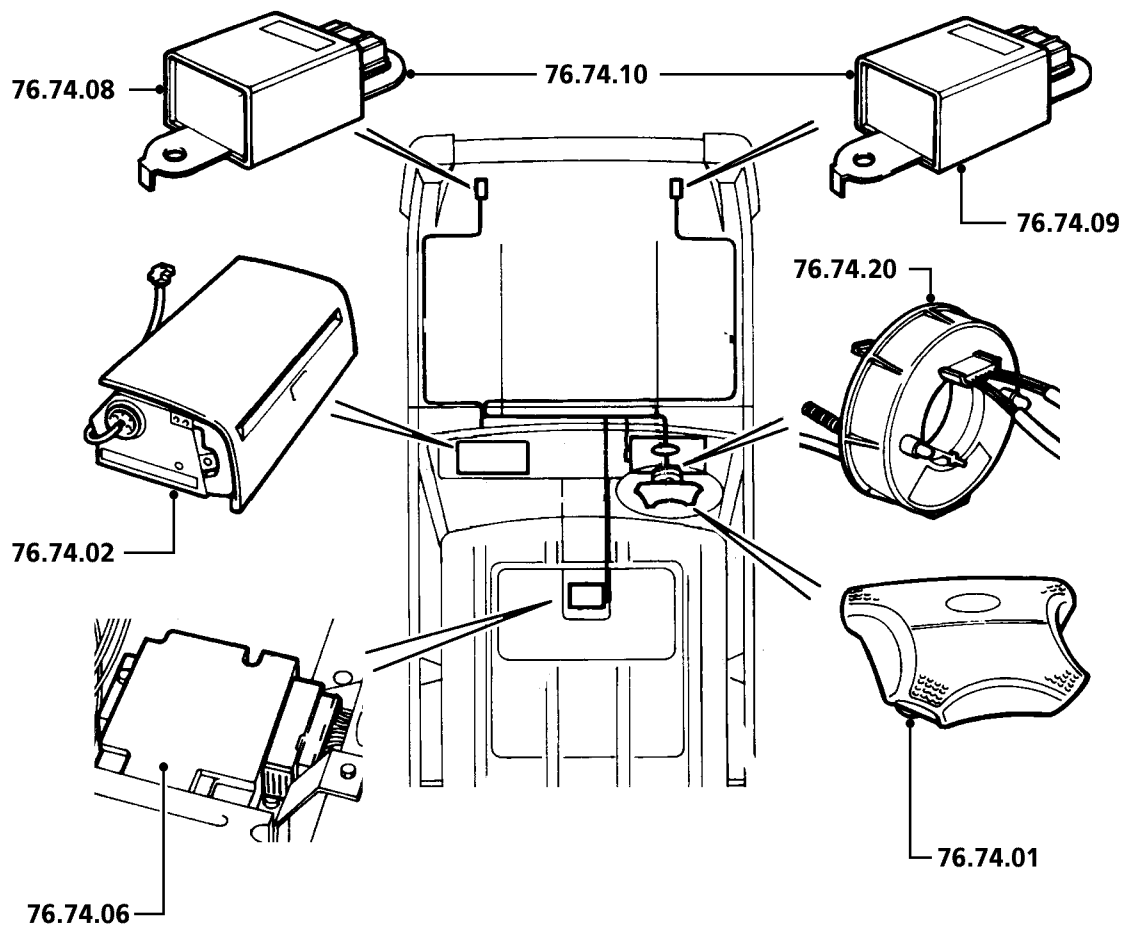
		2 Door	4 Door	
76.58	HANDLES, PULLS & COAT HANGERS			
76.58.02	Handle - outside - rear door - renew		00.80	8U6
76.58.06	Handle - outside - tailgate - renew	00.15	00.15	8V6
76.58.07	Handle - outside - front door - renew	00.10	00.70	8U6
76.58.17	Handle - inside - tail door - renew	00.25	00.25	8V5
76.58.19	Handle - inside - rear door - renew		00.50	8U4
76.58.20	Handle - inside - front door - renew	00.35	00.35	8U4
76.58.21	Handle - glass regulator - renew	00.10		8F2
76.58.25	Door pull - renew	00.10		8S9
76.58.30	Handle - grab - renew	00.15	00.15	8S9
76.64	HEADLININGS			
76.64.01	Headlining - renew	01.50	01.50	8C5
76.64.15	Headlining - sunshine/sliding roof condition - renew	01.80	01.80	8C5
76.67	PARCEL & ASHTRAYS			
76.67.06	Parcel tray - rear - renew	00.10	00.10	8D2
76.67.07	Pivot pins - parcel shelf - pair - renew	00.10	00.10	
76.67.11	Support panel - rear parcel shelf - each - renew	00.10	00.10	8D2
76.67.14	Ashtray - rear - renew	00.10	00.10	8S5
76.67.20	Ashtray - front - each - renew	00.10	00.10	8S5
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE				



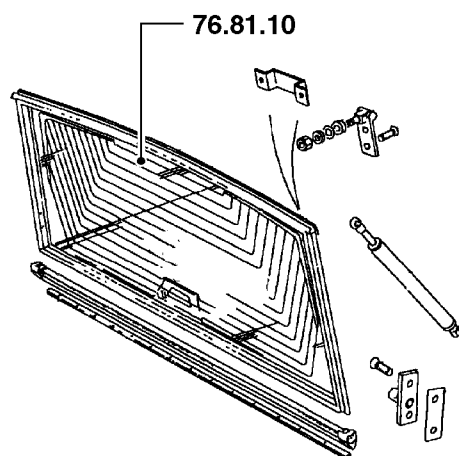
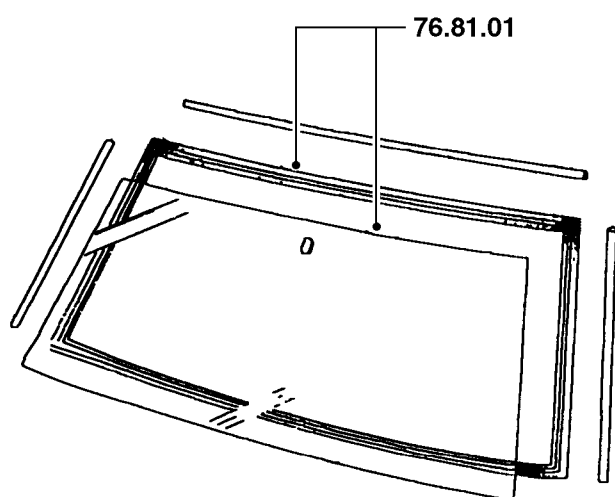
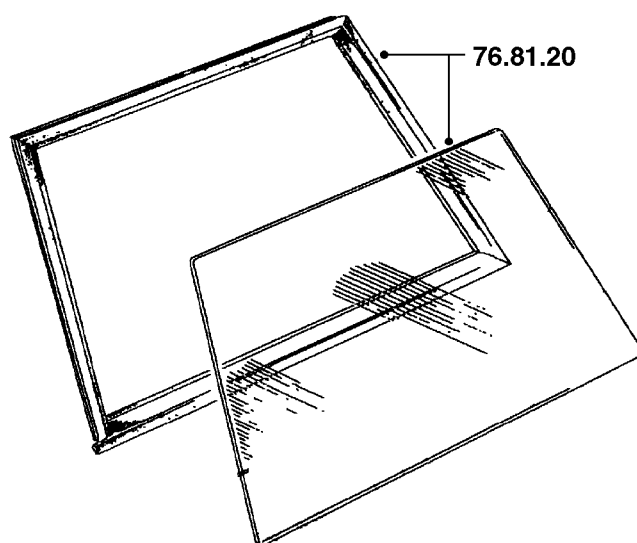
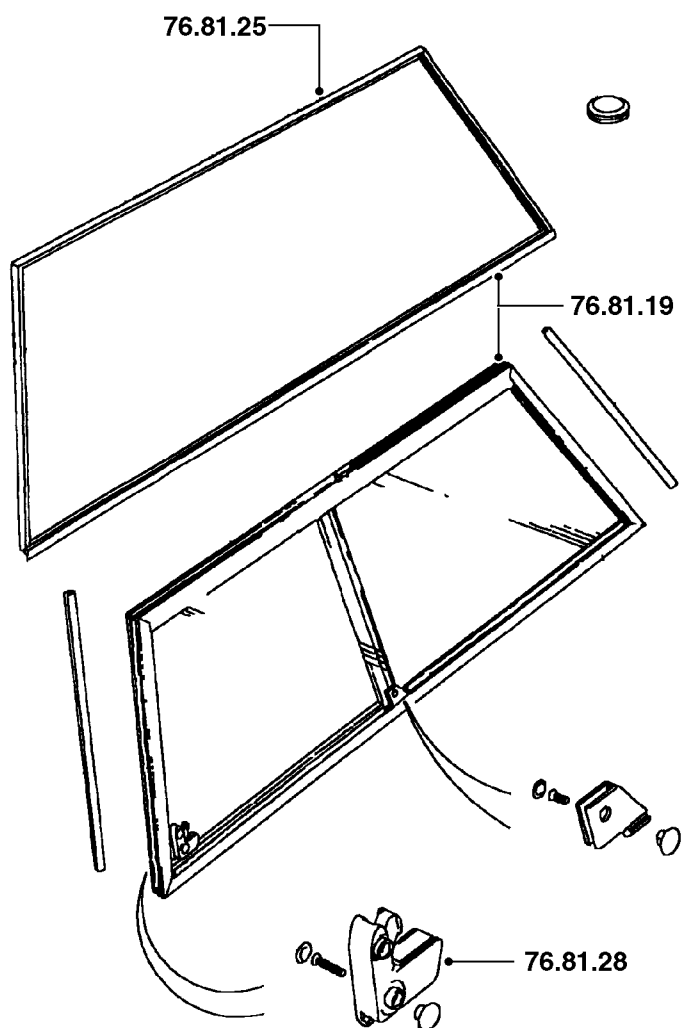
		2 Door	4 Door	
76.73	SEAT BELTS & RESTRAINT SYSTEMS			
76.73.11	Automatic belt assemblies - front - set - renew	00.70	00.70	8P1
76.73.13	Automatic belt assembly - front - each - renew	00.35	00.35	8P1
76.73.20	Seat belt - centre - rear - renew	00.10	00.10	8Y1
76.73.23	Seat belt - rear - LH/each - renew	00.20	00.20	8P5
76.73.25	Seat belts - rear - set - renew	00.40	00.40	*
76.73.26	Adjustable mounting - seat belt - 'B' pillar - each - renew		00.25	8P0
76.73.41	Guide - seat belt - 'B' post - renew	00.10		8P4
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE				



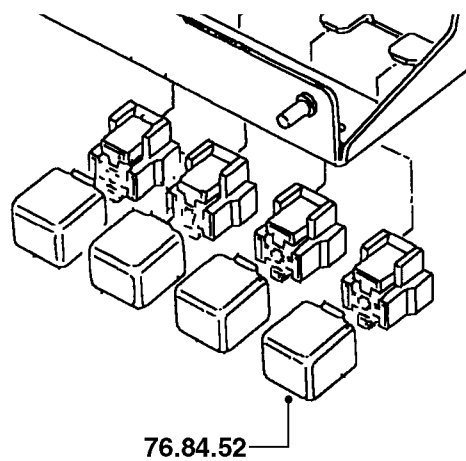
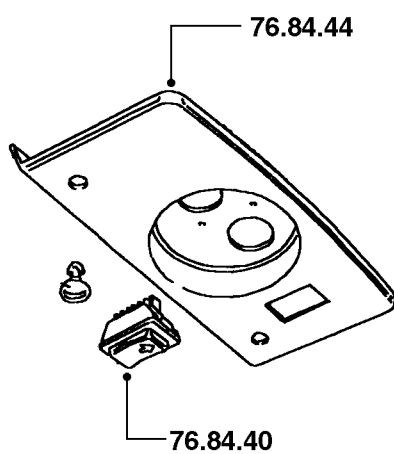
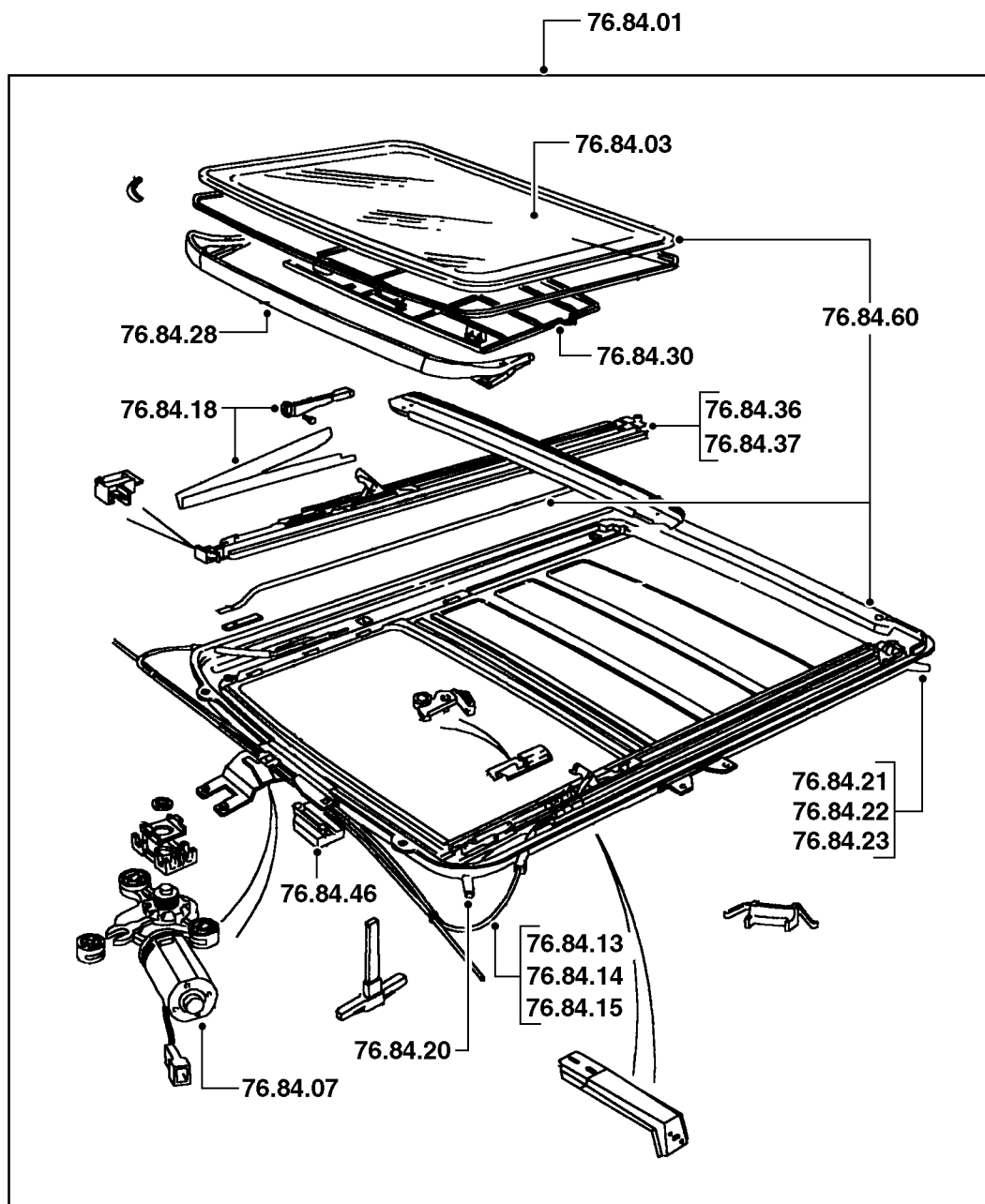
		2 Door	4 Door	
76.74	SUPPLEMENTARY RESTRAINT SYSTEM (AIR BAG)			
76.74.01	Air bag - steering wheel - renew	00.25	00.25	8X1
76.74.02	Air bag - fascia - passenger - renew	00.40	00.40	8X2
76.74.06	Electronic control unit - (S.R.S) air bag system - renew	00.55	00.55	6T3
76.74.08	Crash sensor(s) - air bag - front - LH/each - renew	00.15	00.15	6T4
76.74.09	Crash sensor(s) - air bag - front - RH - renew	00.25	00.25	6T4
76.74.10	Crash sensor(s) - air bag - front - set/both sides - renew	00.35	00.35	6T4
76.74.20	Rotary coupler - (S.R.S) air bag system - renew	00.40		6T2
76.74.73	Harness - air bag - renew	06.35	06.35	6T0
76.76	SILLS, TREAD PLATES			
76.76.01	Tread plate - front sill - each - renew	00.10	00.10	8D1
76.76.02	Tread plate - rear sill - each - renew		00.10	8D1
76.76.05	Finisher - sill - each - renew.....	00.20	00.20	9N3
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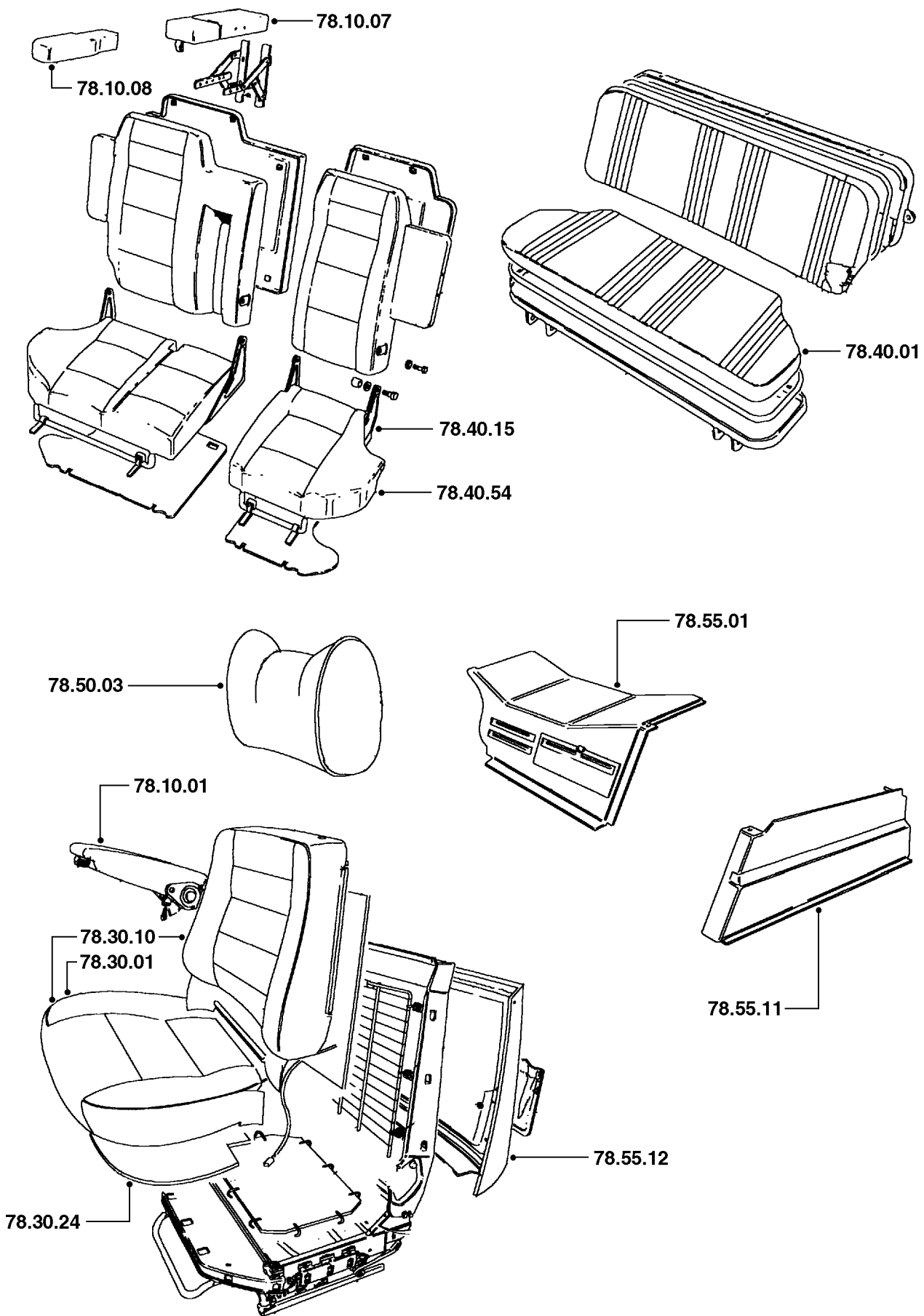
		2 Door	4 Door	
76.81	WINDSCREEN & BODY GLASSES			
76.81.01	Glass/sealing rubber - windscreen - renew	02.70	02.70	8G1
76.81.10	Glass/sealing rubber - rear screen - renew	01.70	01.70	8G2
76.81.19	Glass/sealing rubber - body quarter vent - renew	00.15		8G0
76.81.20	Glass/sealing rubber - quarter light - rear - renew	01.05	01.05	8G0
76.81.25	Sealing rubber &/or channel - body side glass - renew	01.40		9H2
76.81.28	Catch - side screen window - sliding - renew.....	00.10		8F3
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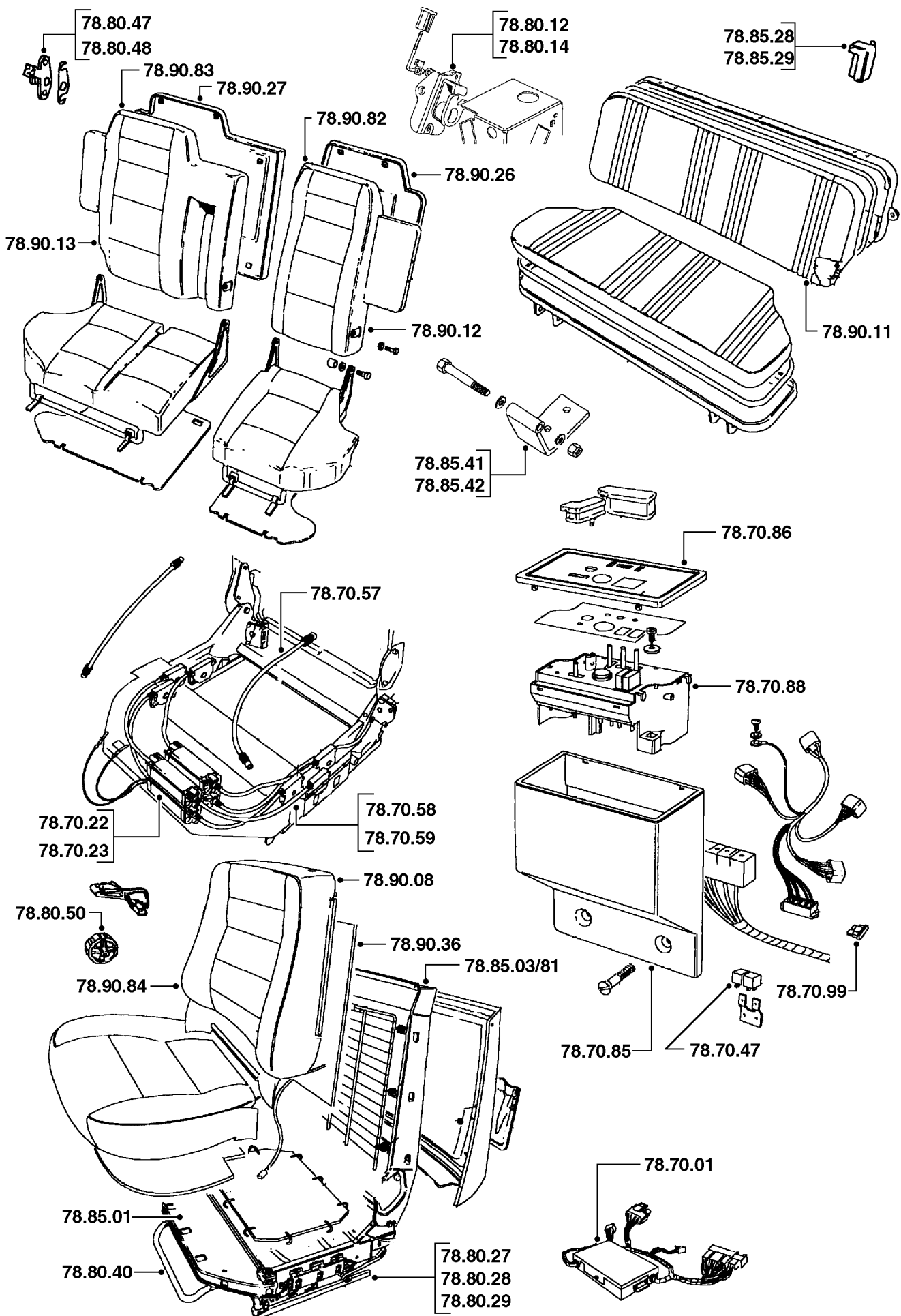
		2 Door	4 Door	
76.84	SLIDING & SUNROOFS (Electrically operated)			
76.84.01	Sun/sliding roof - complete - front - renew	02.35	02.35	*
76.84.03	Glass panel - sun/sliding roof - front - renew	00.30	00.30	9D1
76.84.07	Motor - sun/sliding roof - front - renew	01.10	01.10	9D8
76.84.13	Drive cable - sun/sliding roof - inner - pair - renew	01.95	01.95	9D7
76.84.14	Drive cable - sun/sliding roof - inner - each - renew	01.80	01.80	9D7
76.84.15	Cables - operating sunroof - adjust	00.25	00.25	9D7
76.84.18	Culisse (lifting) assembly - one only - renew	00.15	00.15	9D5
76.84.20	Drain tube - sun/sliding roof - front - each - renew	00.90	00.90	9D3
76.84.21	Drain tube - sun/sliding roof - rear - each - renew	00.90	00.90	9D3
76.84.22	Drain tube - sun/sliding roof - each extra - renew	00.10	00.10	9D3
76.84.23	Drain tubes - sun/sliding roof - roof set - renew	01.05	01.05	9D3
76.84.28	Wind deflector - sun/sliding roof - renew	00.40	00.40	9D6
76.84.30	Sun blind - front - one - renew	00.75	00.75	8Z5
76.84.36	Slide/channel assembly - sun/sliding roof - each - renew	00.80		9D5
76.84.37	Slide/channel assembly - sun/sliding roof - pair - renew	01.05		9D5
76.84.40	Switch - sun/sliding roof - front - renew	00.15	00.15	9D2
76.84.44	Panel - switch - sun/sliding roof - front - renew	00.20	00.20	7M0
76.84.46	Electronic control unit - sun/sliding roof - renew	01.00	01.00	6U3
76.84.52	Relay/module - sun/sliding roof - renew	00.10	00.10	6U3
76.84.60	Seals - sun/sliding roof - set - renew	00.55	00.55	9D4
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		All models	
78.10	ACCESS - (REMOVE & REFIT SEAT ASSEMBLIES)		
78.10.01	Arm rest assembly - front seat - renew	00.25	8A5
78.10.01/81	Arm rest assembly - front seat - renew - electrically operated seat .	00.25	8A5
78.10.07	Arm rest - rear seat - renew.....	00.15	8A6
78.10.08	Arm rest - rear seat - outer - renew	00.10	8A6
78.10.12/99	Cushion - front seat - remove for access & refit.....	01.00	8B1
78.10.43/99	Front seat - (electrically operated) - remove for access & refit	00.65	8B6
78.30	CUSHIONS - FRONT SEATS		
78.30.01	Cover - one piece - front seat cushion - renew	01.25	8B1
78.30.01/81	Cover - one piece - front seat cushion - renew - electrically operated seat.....	01.40	8B1
78.30.10	Cover - complete - cushion & squab - front seat - renew.....	02.05	8B1
78.30.24	Heating element - cushion - front seat - renew	01.40	8J1
78.40	CUSHIONS - REAR & OCCASIONAL SEATS		
78.40.01	Cover - rear seat cushion - bench type - renew.....	00.40	8H5
78.40.15	Frame - rear seat cushion - side - renew	00.50	8A6
78.40.54	Cushion - rear seat - LH/each - renew.....	00.35	8A8
78.50	HEAD RESTRAINTS - FRONT & REAR SEATS		
78.50.03	Head restraint - front seat - LH/each - renew.....	00.10	8B2
78.50.03/81	Head restraint - front seat - LH/each - renew - electrically operated seat	00.10	8B2
78.55	FINISHERS & TRIMS		
78.55.01	Finisher - seat base - front - each - renew.....	00.10	8B1
78.55.06/81	Finisher - cushion side - front seat - renew - electrically operated seat	00.10	
78.55.10	Finishers - front seat - set (includes base) - renew	00.25	
78.55.11	Finisher - front seat base - side - renew	00.15	
78.55.11/81	Finisher - front seat base - side - renew - electrically operated seat	00.10	
78.55.12	Finisher - seat back - front seat - renew	00.15	
78.55.12/81	Finisher - seat back - front seat - renew - electrically operated seat	00.15	
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			

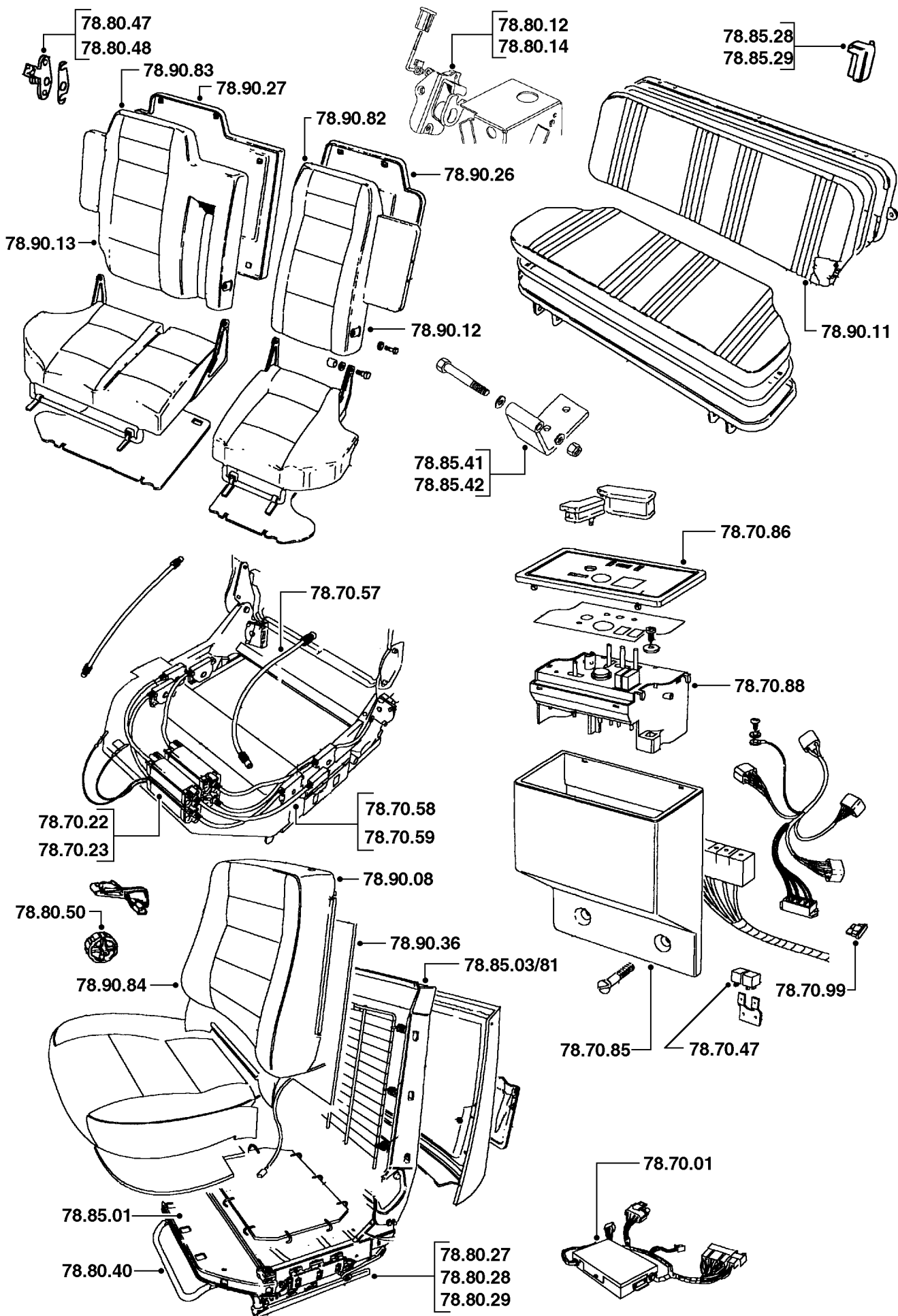


		All models	
78.70	SLIDES & CONTROLS - ELECTRIC		
78.70.01	E.C.U./memory box - front seat - renew	00.75	8H9
78.70.22	Motor - front seat - renew	01.00	8B7
78.70.23	Motors - front seat - set - renew.....	00.95	8B7
78.70.47	Relay - front seat - each - renew	00.10	8H0
78.70.57	Inner cable - wheel box drive - front seat - renew	00.15	83B
78.70.58	Drive cables - front seat squab - adjust	00.70	8B3
78.70.59	Drive cables - front seat cushion - adjust.....	00.40	8B3
78.70.85	Housing - seat switch - lower - renew	00.45	8B8
78.70.86	Cover - top - seat switch housing - renew	00.10	8B8
78.70.88	Switch - electrically operated seat - renew	00.25	8B8
78.70.99	Fuse - electric seats - renew	00.10	
78.80	SLIDES & CONTROLS - MANUAL		
78.80.12	Latch - rear seat - each - renew.....	00.25	8H7
	2 door	00.40	8H7
78.80.14	Latch - rear squab - each - adjust	00.10	8H7
	2 door	00.15	8H7
78.80.27	Slides - manual - front seat - set - renew	01.10	8A1
78.80.28	Slide - manual - front seat - inner - renew	00.90	8A1
78.80.29	Slide - manual - front seat - outer - renew	00.90	8A1
78.80.40	Operating bar/lever - front seat - LH/each - renew	00.10	8A1
78.80.47	Strikers - rear squab latches - pair - renew	00.20	8H6
78.80.48	Striker - rear squab latches - each - renew	00.10	8H6
78.80.50	Control - front seat recline - LH/each - renew	00.10	8A4
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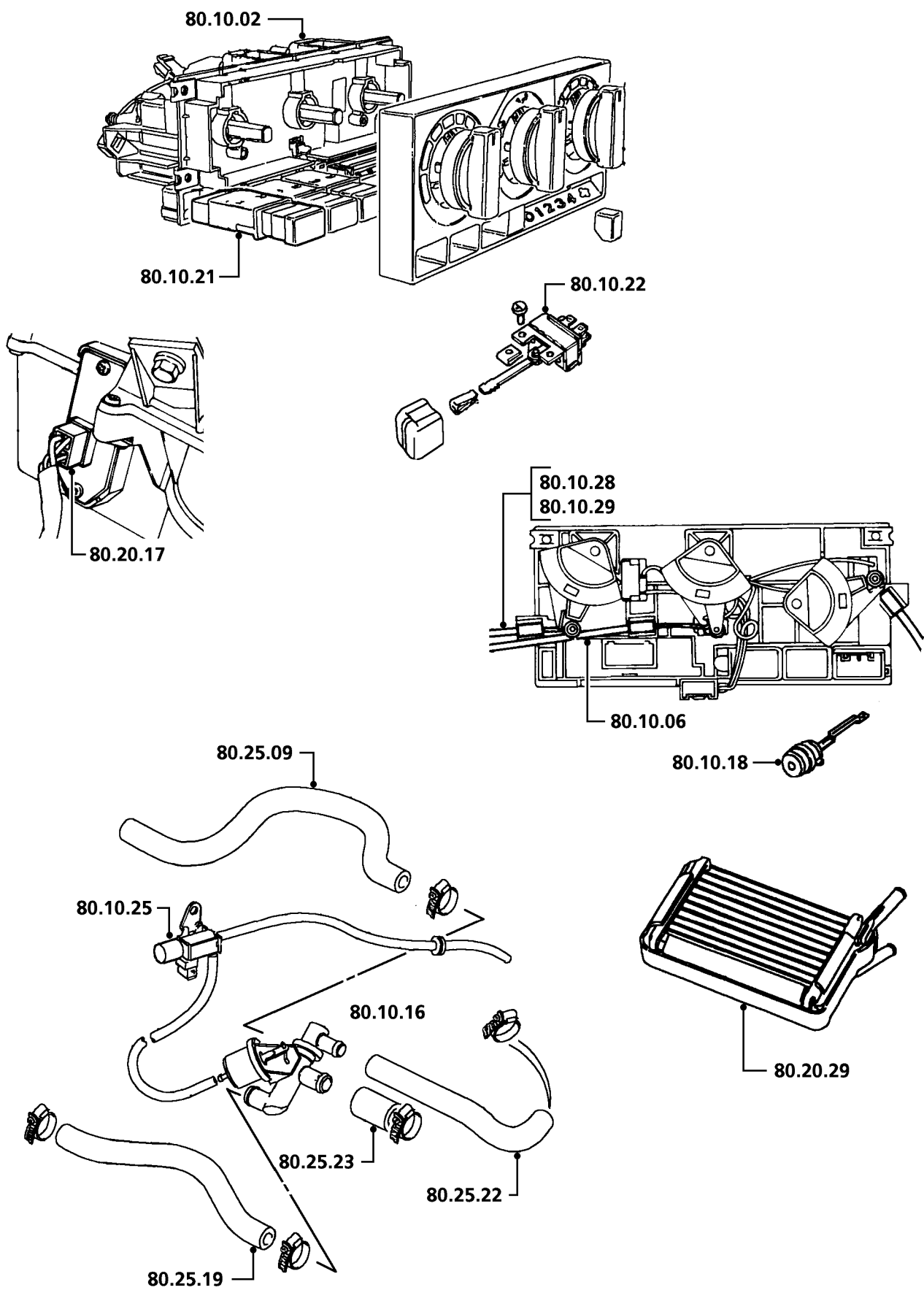


CLRT20

		All models	
78.85	SEAT FRAMES & FIXINGS		
78.85.01	Base - front seat - LH/each - renew	01.15	8A5
78.85.03/81	Frame - drivers seat - complete - renew - electrically operated seat	01.95	8B6
78.85.04/81	Frame - front passenger seat - complete - renew - electrically operated seat.....	02.05	8B6
78.85.28	Bump stop rubber - rear seat(s) - one - renew.....	00.15	
78.85.29	Bump stop rubbers - rear seat(s) - pair - renew.....	00.25	
78.85.41	Hinges - rear seat - pair - renew	00.10	8A7
78.85.42	Hinges - rear seat - LH/each - pair - renew	00.10	8A7
78.90	SQUABS - FRONT & REAR SEATS		
78.90.08	Cover - squab - front seat - renew	00.90	8B1
78.90.08/81	Cover - squab - front seat - renew - electrically operated seat	01.60	8B1
78.90.11	Cover - rear seat squab- bench type - renew	00.40	8H5
78.90.12	Cover - squab - rear seat - side - LH/each - renew	00.50	8H5
78.90.13	Cover - squab - rear seat - RH - renew	00.65	8H5
78.90.26	Frame - rear seat squab - side - LH/each - renew	00.75	8A6
78.90.27	Frame - rear seat squab - RH - renew	00.75	8A6
78.90.36	Heating element - squab - front seat - renew.....	01.60	8J1
78.90.82	Squab - rear seat - LH/each - renew	00.30	8H4
78.90.83	Squab - rear seat - RH - renew	00.45	8H4
78.90.84	Squab - front seat - LH/each - renew.....	00.80	8A3
78.90.84/81	Squab - front seat - LH/each - renew - electrically operated seat .	00.70	8A3
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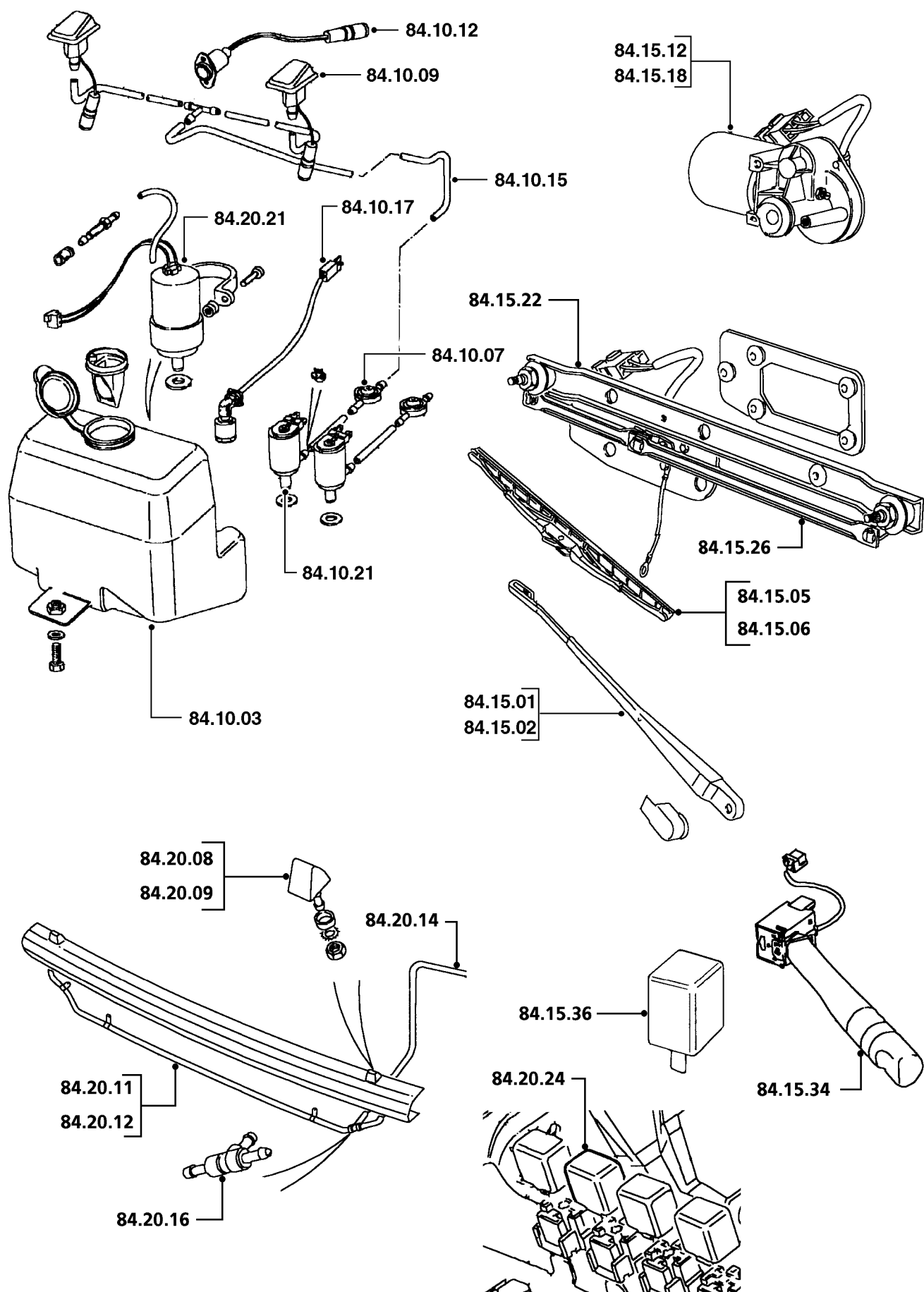
		All models	
80.10	CONTROLS		
80.10.02	Controls - heater - renew	01.60	8M7
80.10.06	Cable - air flow control - renew	01.50	8M0
80.10.16	Valve - water - heater - renew	00.50	8N2
80.10.18	Servo - recirculation flap - renew	04.70	8N3
80.10.21	Switch - recirculation control - renew	01.40	8M7
80.10.22	Switch - fan - front heater - renew	01.45	7S2
80.10.25	Switch - vacuum - heater water valve - renew	00.10	8N5
80.10.28	Cable - heater temperature control - driver - renew	01.50	8M0
80.10.29	Cable - heater temperature control - passenger - renew	01.50	8M0
80.20	HEATER UNIT		
80.20.17	Resistor unit - fan motor - renew	00.30	7S0
80.20.29	Matrix - renew	06.00	8M2
80.25	PIPES & HOSES		
80.25.09	Hose - feed - water valve to heater - renew	00.50	2E4
80.25.19	Hose - return - heater to water valve - renew	00.50	2E5
80.25.22	Hose - feed - water valve to heater rail - renew	00.45	2E4
80.25.23	Hose - return - water valve to heater rail - renew	00.45	2E5
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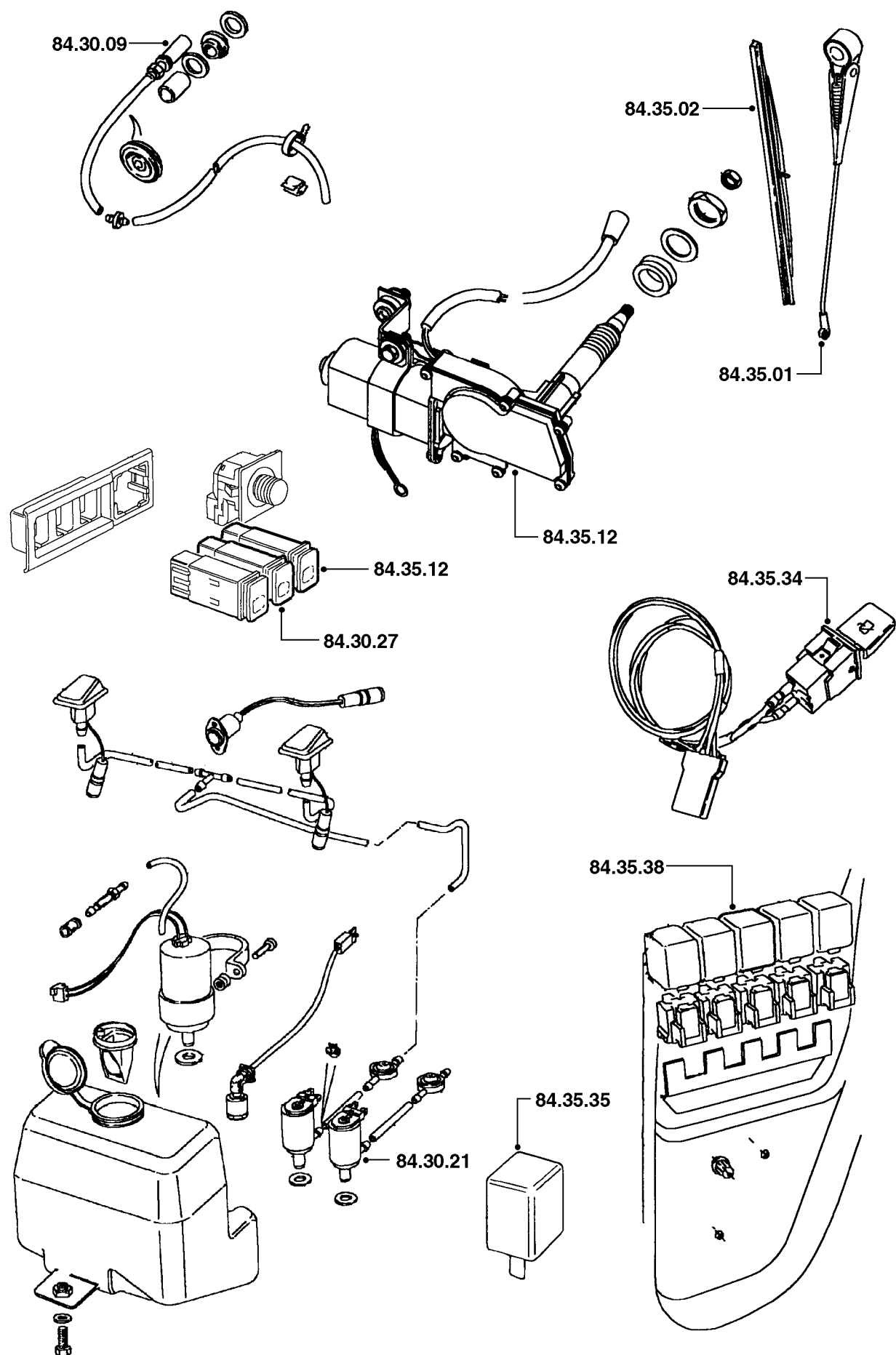
(Operations include depressurise, evacuate, sweep & recharge system)

		All models	
82.10	COMPRESSOR & DRIVE		
82.10.20	Compressor - renew	00.60	8Q1
82.10.21	Hose - compressor to condenser - renew	00.30	8Q5
82.15	CONDENSER		
82.15.01	Motor - condenser fan - renew.....	02.60	8R9
82.15.03	Fan blades - condenser - one - renew.....	02.50	8R9
82.15.06	Fan blades - condenser - set - renew	02.65	8R9
82.15.07	Condenser - renew	01.75	8Q2
82.15.08	Motors - condenser fan - both - renew.....	02.80	8R9
82.17	LIQUID RECEIVER/DRIER (ACCUMULATOR)		
82.17.01	Liquid receiver/drier - renew	00.35	
82.20	CONTROLS		
82.20.08	Relay - main - renew	00.10	-
82.20.09	Relay - condenser fan motor - renew	00.10	-
82.20.12	Switch - air conditioning engagement - renew.....	01.40	
82.20.18	Thermostat - renew	06.35	
82.20.19	Switch - high pressure - renew	00.15	8R3
82.20.45	Switch - engine high temperature - renew	00.15	
82.20.51	Relay - compressor magnetic clutch - renew.....	00.10	7S8
82.25	COOLING UNIT		
82.25.01	Valve - thermostatic expansion (TXV) - renew	05.65	8Q8
82.25.02	Hose - compressor to evaporator - renew	00.30	8Q5
82.25.03	Hose - receiver/drier to evaporator - renew	00.55	8Q5
82.25.13	Blower assembly - renew.....	04.60	7S4
82.25.20	Evaporator - renew	05.60	8Q6
82.25.21	Heater/cooler unit - renew	05.20	
82.25.26	Hoses - drain - evaporator - renew	00.70	8N1
82.25.33	Blower motor - renew.....	04.75	7S1
82.25.50	Thermistor - evaporator - renew	05.45	8Q6
82.30	TESTING AND CHARGING		
82.30.02	Air conditioning system - depressurise - evacuate - capture & recharge	01.35	-
82.30.02/02	Air conditioning system - partial charge and leak test	00.60	-
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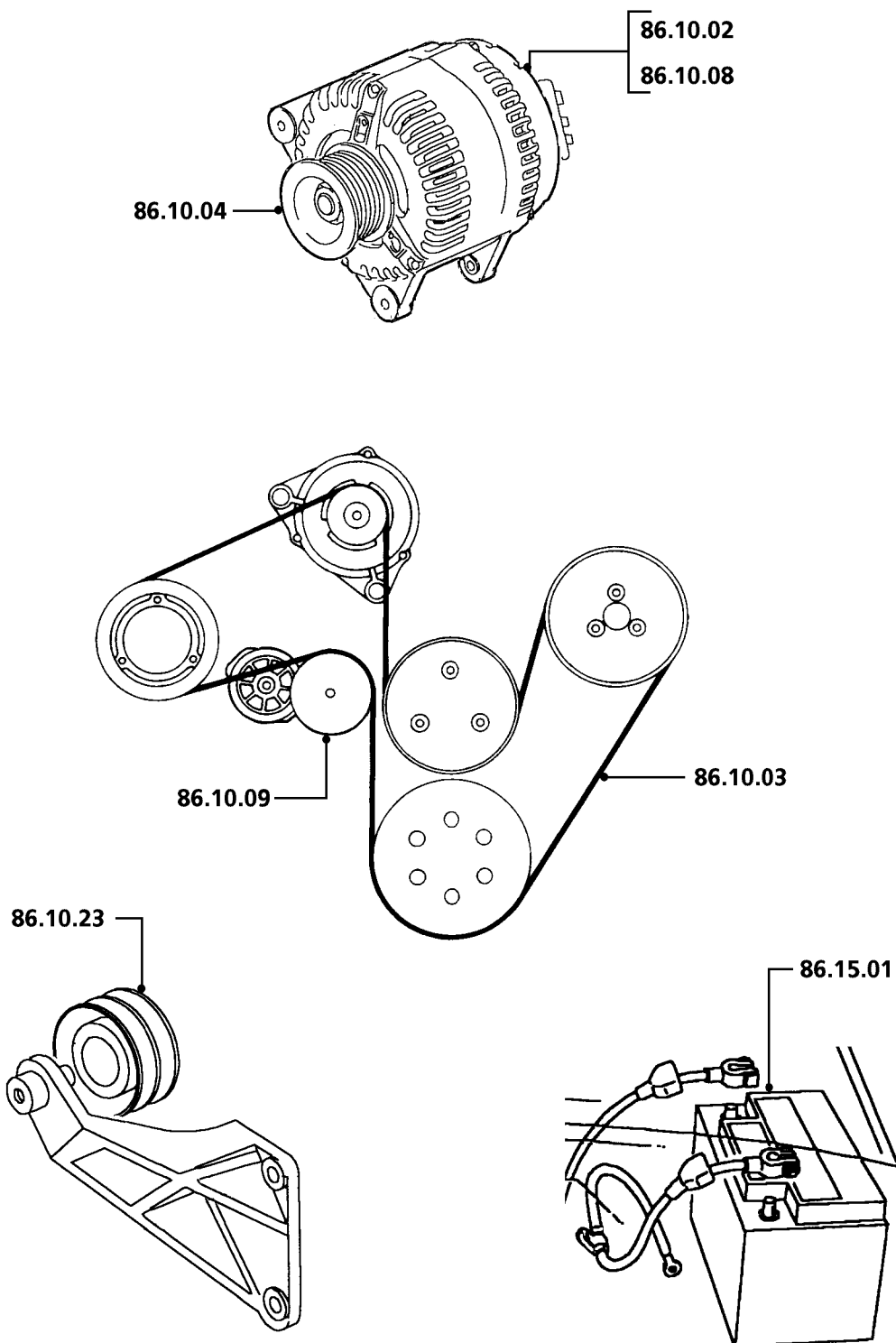
		All models	
84.10	WINDSCREEN WASHERS		
84.10.03	Reservoir - combined windscreen/headlamp washer - renew	00.35	*
84.10.07	Valve - one way - renew	00.10	6Q6
84.10.09	Jets - washer - set - renew	00.15	6Q7
84.10.12	Thermostat - washer jet - renew	00.20	
84.10.15	Tubes - washer - renew	00.15	7Q5
84.10.17	Sensor - washer reservoir level - renew	00.25	6Q4
84.10.21	Pump - washer - renew	00.20	7Q1
84.15	WINDSCREEN WIPERS		
84.15.01	Arms - wipers - set - renew	00.10	7R6
84.15.02	Arm - wiper - each - renew	00.10	7R6
84.15.05	Blades - wiper - set - renew	00.10	7R6
84.15.06	Blade - wiper - each - renew	00.10	7R6
84.15.12	Motor - wiper - renew	01.85	7R1
84.15.18	Motor - wiper - overhaul	02.30	*
84.15.22	Wheel box/drive pivot and linkage assembly - renew	02.00	7R4
84.15.26	Linkage - wiper - renew	01.70	7R4
84.15.34	Switch - wiper/washer - renew	00.35	7R2
84.15.36	Delay unit - renew	00.35	7R7
84.20	HEADLAMP WASHERS		
84.20.08	Jet - washer - one - renew	00.35	6Q7
84.20.09	Jets - washer - set - renew	00.45	6Q7
84.20.11	Washer tubes - T piece to jets - both - renew	00.35	7Q5
84.20.12	Washer tube - T piece to jet - each - renew	00.35	7Q5
84.20.14	Washer tube - washer pump to T piece - renew	00.25	7Q5
84.20.16	T piece - washer - headlamp - renew	00.25	6Q2
84.20.21	Pump - washer - headlamp - renew	00.25	7R9
84.20.24	Relay - power wash - renew	00.10	6T7



		All models	
84.30	REAR SCREEN WASHER		
84.30.09	Jet(s) - washer - renew	01.55	6Q7
84.30.21	Pump - washer - renew	00.20	7Q3
84.30.27	Switch - washer - rear - renew	00.10	7Q4
84.35	REAR SCREEN WIPER		
84.35.01	Arm - wiper - renew	00.10	7R6
84.35.02	Blade - wiper - renew	00.10	7R6
84.35.12	Motor - wiper - renew	01.65	7R3
84.35.33	Switch - wiper - rear - renew	00.15	7R5
84.35.34	Switch - combined wiper/washer - renew	00.40	*
84.35.35	Delay unit - renew	00.35	7R0
84.35.38	Relay - tailgate wipe - renew	00.10	7R8
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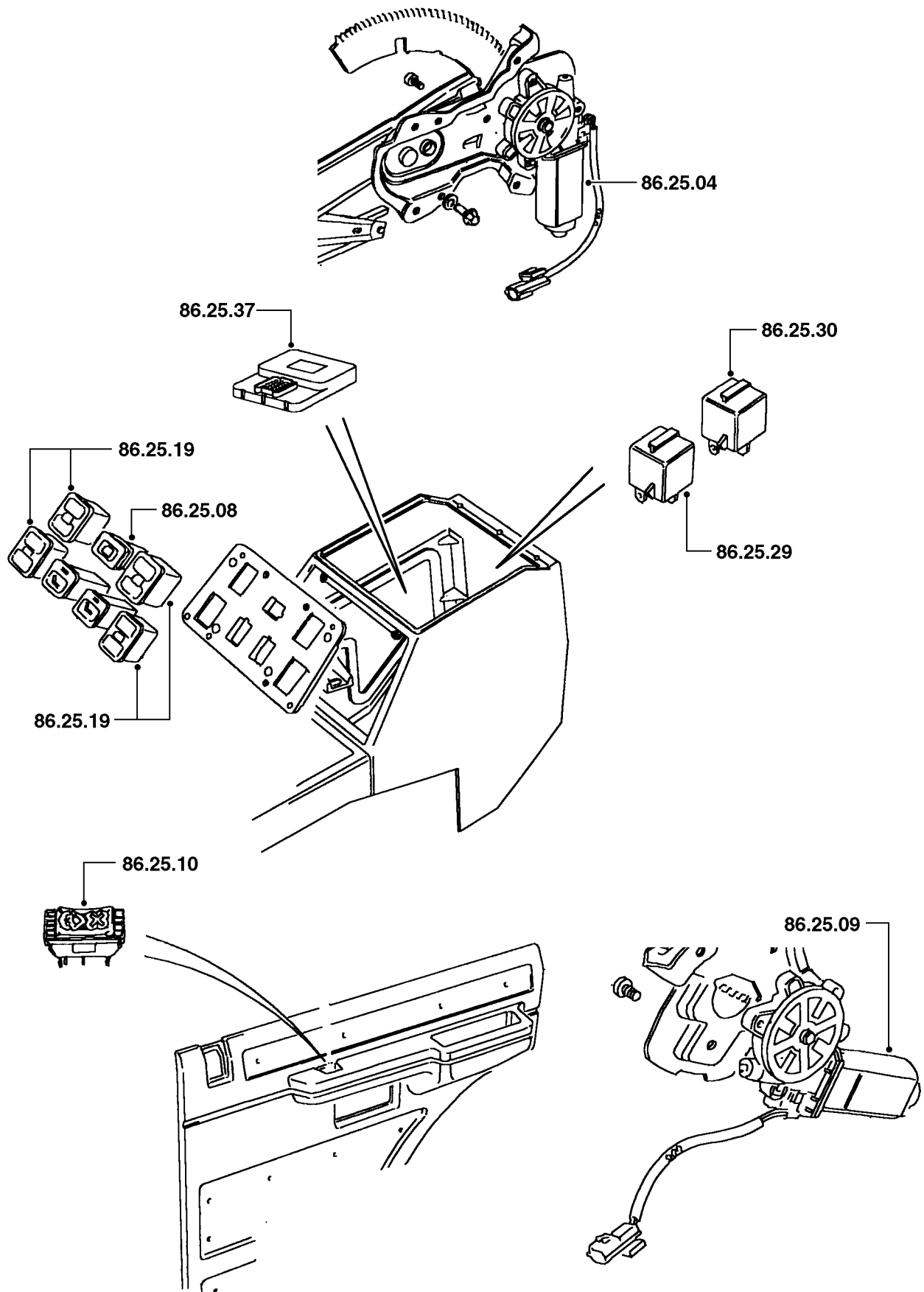


		All models	
86.10	ALTERNATOR & CONTROL UNIT		
86.10.01	Alternator - test (in position)..... .	00.45	7E0
	Tdi	00.50	7E0
86.10.02	Alternator - renew	00.40	7D5
	Tdi	00.45	7D5
86.10.03	Drive belt - alternator - renew	00.25	2G3
	Tdi	00.20	2G3
86.10.04	Pulley - alternator - renew	00.30	2G2
86.10.08	Alternator - overhaul	01.05	*
86.10.09	Automatic tensioner - alternator drive belt - renew	00.25	
86.10.23	Jockey pulley - alternator drive belt - renew		
	Tdi	00.30	2G2
86.15	BATTERY		
86.15.01	Battery(s) - each - renew	00.20	7E2
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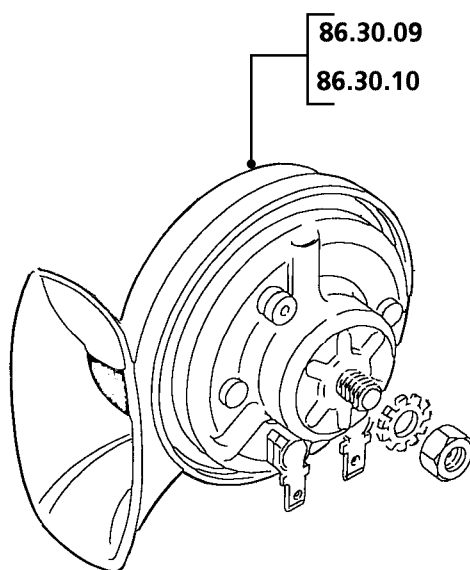
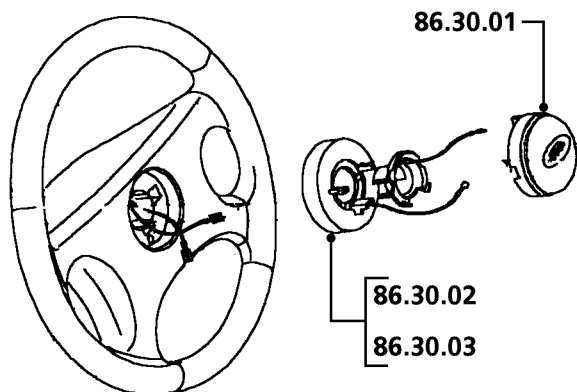
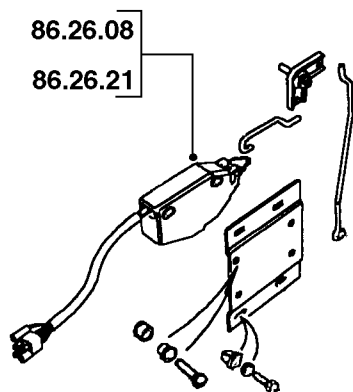
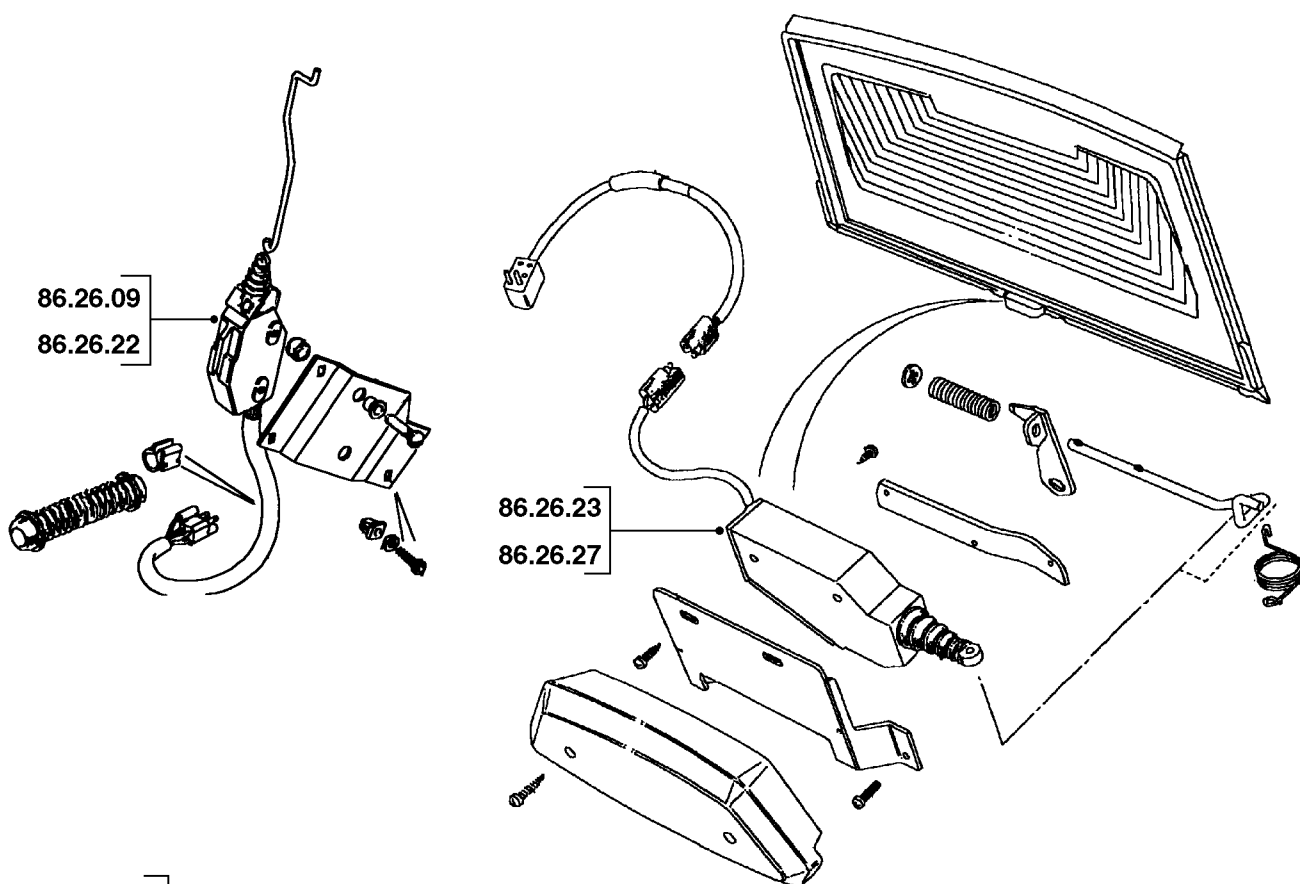


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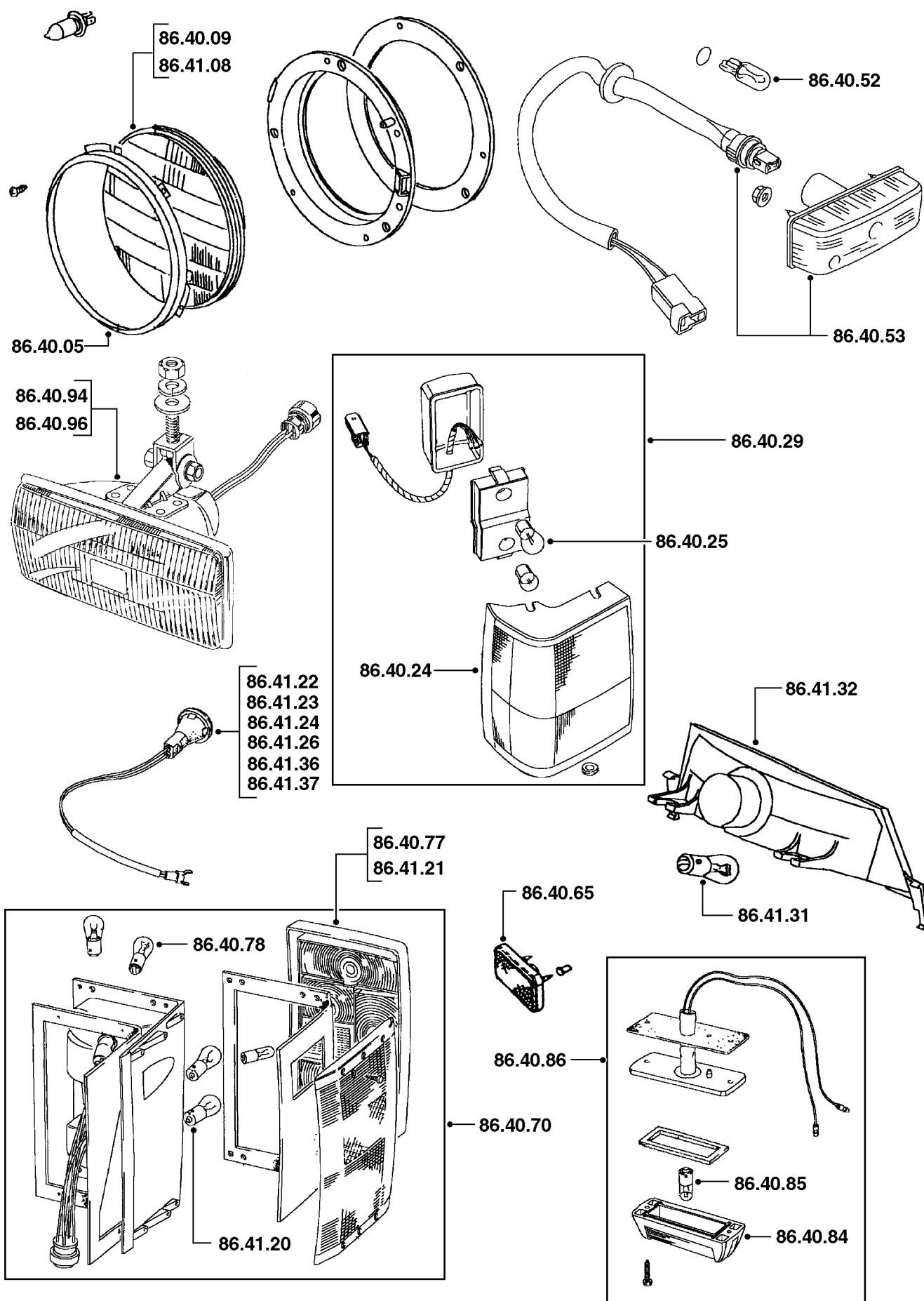
		All models	
86.25	ELECTRICALLY OPERATED WINDOWS		
86.25.04	Motor - front door - renew	00.45	7X2
86.25.08	Switch - master window - renew	00.10	7X1
86.25.09	Motor - rear door - renew	00.80	7X2
86.25.10	Switch - rear door - renew	00.35	7X1
86.25.19	Switch - console - each - renew	00.25	7X1
86.25.19/01	Switch - console - each extra - renew	00.10	7X1
86.25.29	Relay - window lift - front door - renew	00.20	7X4
86.25.30	Relay - window lift - rear door - renew	00.20	7X4
86.25.37	Control unit - one touch - window lift - renew	00.65	6U2
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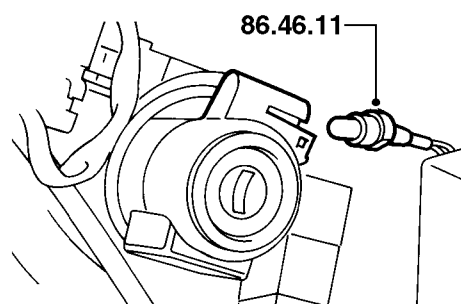
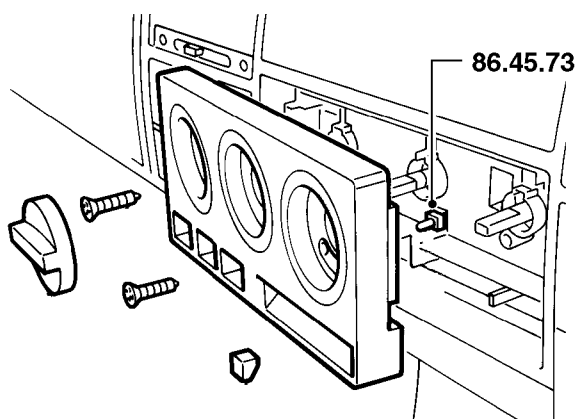
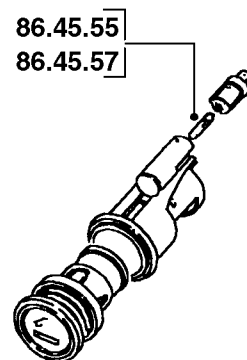
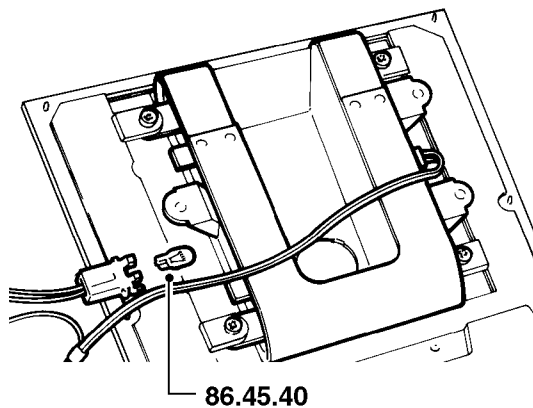
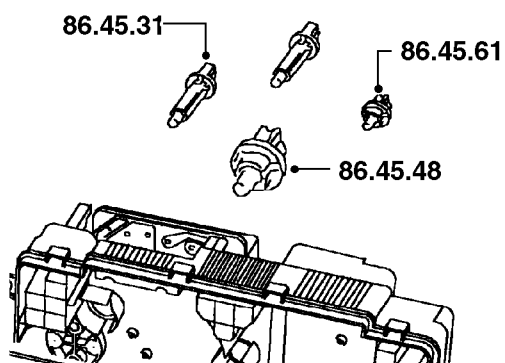
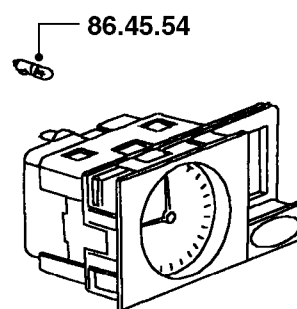
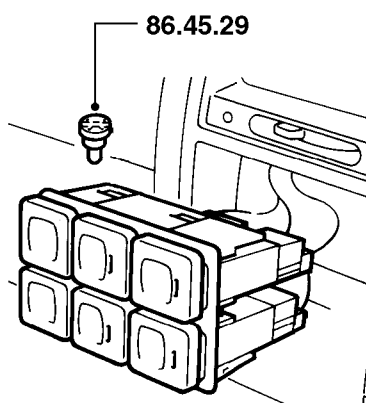
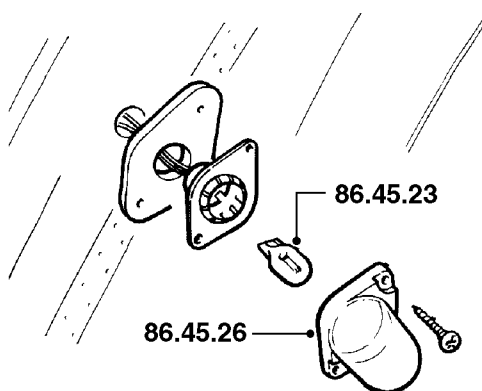
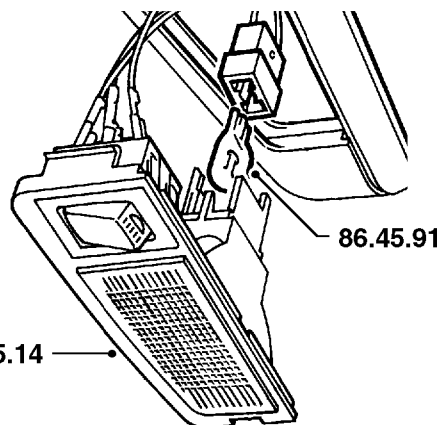
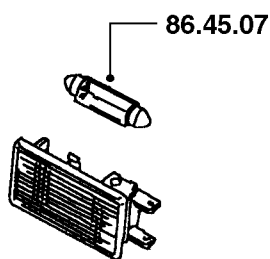
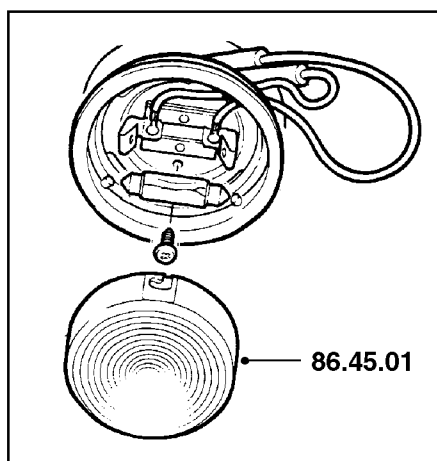
		All models	
86.26	ELECTRICALLY OPERATED DOOR LOCKS		
86.26.08	Solenoid/motor - front door - renew	00.70	8K5
86.26.09	Solenoid/motor - rear door - renew	00.60	8K5
86.26.21	Solenoid/motor - front door - adjust	00.45	8K5
86.26.22	Solenoid/motor - rear door - adjust	00.45	8K5
86.26.23	Solenoid/motor - boot lid/tailgate/tailldoor - adjust	00.20	8K5
86.26.27	Solenoid/motor - boot lid/tailgate release - renew	00.25	8K8
86.30	HORNS		
86.30.02	Slip ring - horn - renew	00.20	7Q7
86.30.03	Connecting plate - horn slip ring - renew	00.20	7Q7
86.30.09	Horns - set - renew	00.15	7Q6
86.30.10	Horn - each - renew	00.10	7Q6
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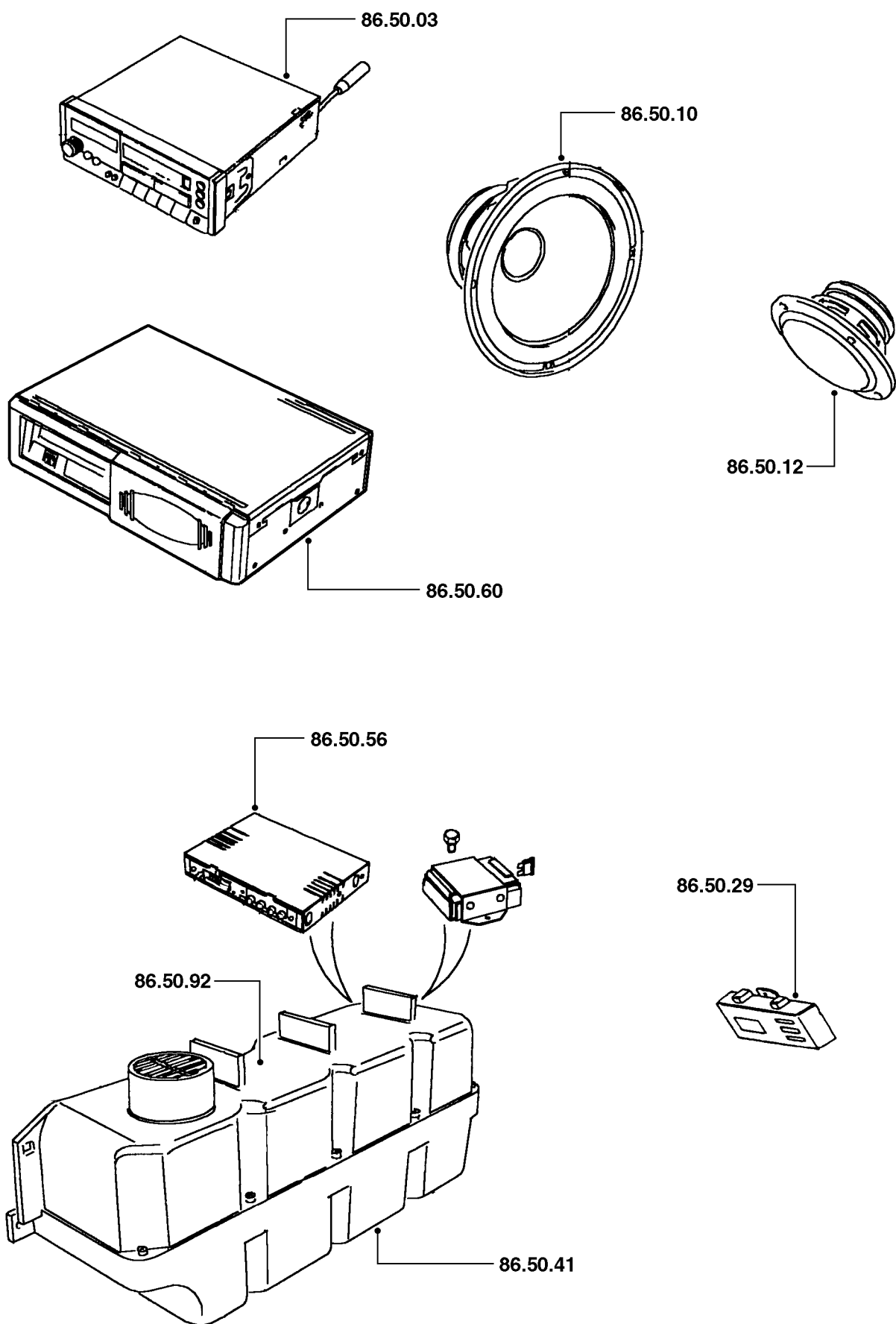
		All models	
86.40	LAMPS - EXTERIOR (Operations do not include headlamp alignment)		
86.40.05	Retainer - headlamp unit - renew	00.15	7J1
86.40.09	Bulb/sealed beam - headlamp - outer/single - renew	00.20	7J1
86.40.17	Headlamps - pair - align beam.....	00.15	7J1
86.40.17/01	Headlamps - pair - align beam - with vehicle in workshop.....	00.15	7J1
86.40.24	Lens - side & flasher lamp - front - renew	00.10	7J2
86.40.25	Bulb - side & flasher lamp - front - renew.....	00.10	7J1
86.40.29	Lamp assembly - side & flasher - front - LH/each - renew.....	00.10	7J2
86.40.52	Bulb - flasher repeater lamp - side - front - renew	00.20	7J4
86.40.53	Lamp assembly - flasher side repeater - front - renew	00.30	7J4
86.40.65	Reflector - side marker - rear - renew	00.10	7J4
86.40.70	Lamp assembly - tail - LH/each - renew	00.15	7J3
86.40.77	Lens - tail lamp - renew	00.10	7J3
86.40.78	Bulb - tail lamp - renew	00.10	7J3
86.40.84	Lens - number plate lamp - renew	00.10	7J5
86.40.85	Bulb - number plate lamp - renew	00.10	7J5
86.40.86	Lamp assembly - number plate - renew	00.35	7J5
86.40.94	Bulb - fog/driving lamp - renew	00.20	7J7
86.40.96	Lamp assembly - fog/driving - renew.....	00.15	7J7
86.41	LAMPS - EXTERIOR continued (Operations do not include headlamp alignment)		
86.41.08	Bulb/sealed beam unit - headlamp - pair - renew	00.35	7J1
86.41.20	Bulb - rear fog guard lamp - renew	00.10	7J8
86.41.21	Lens - rear fog guard lamp - renew	00.10	7J8
86.41.22	Lens - guard lamp - rear door - renew	00.10	7K7
86.41.23	Bulb - guard lamp - rear door - renew	00.10	7K7
86.41.24	Guard lamp - rear door - renew	00.35	7K7
86.41.26	Bulb - guard lamp - front door - renew	00.10	7K7
86.41.31	Bulb(s) - centre high mounted stop lamp - renew	00.10	7J0
86.41.32	Lamp assembly - centre high mounted stop - renew	00.15	7J0
86.41.36	Guard lamp - front door - renew	00.35	7J7
86.41.37	Lens - guard lamp - front door - renew	00.10	7J7
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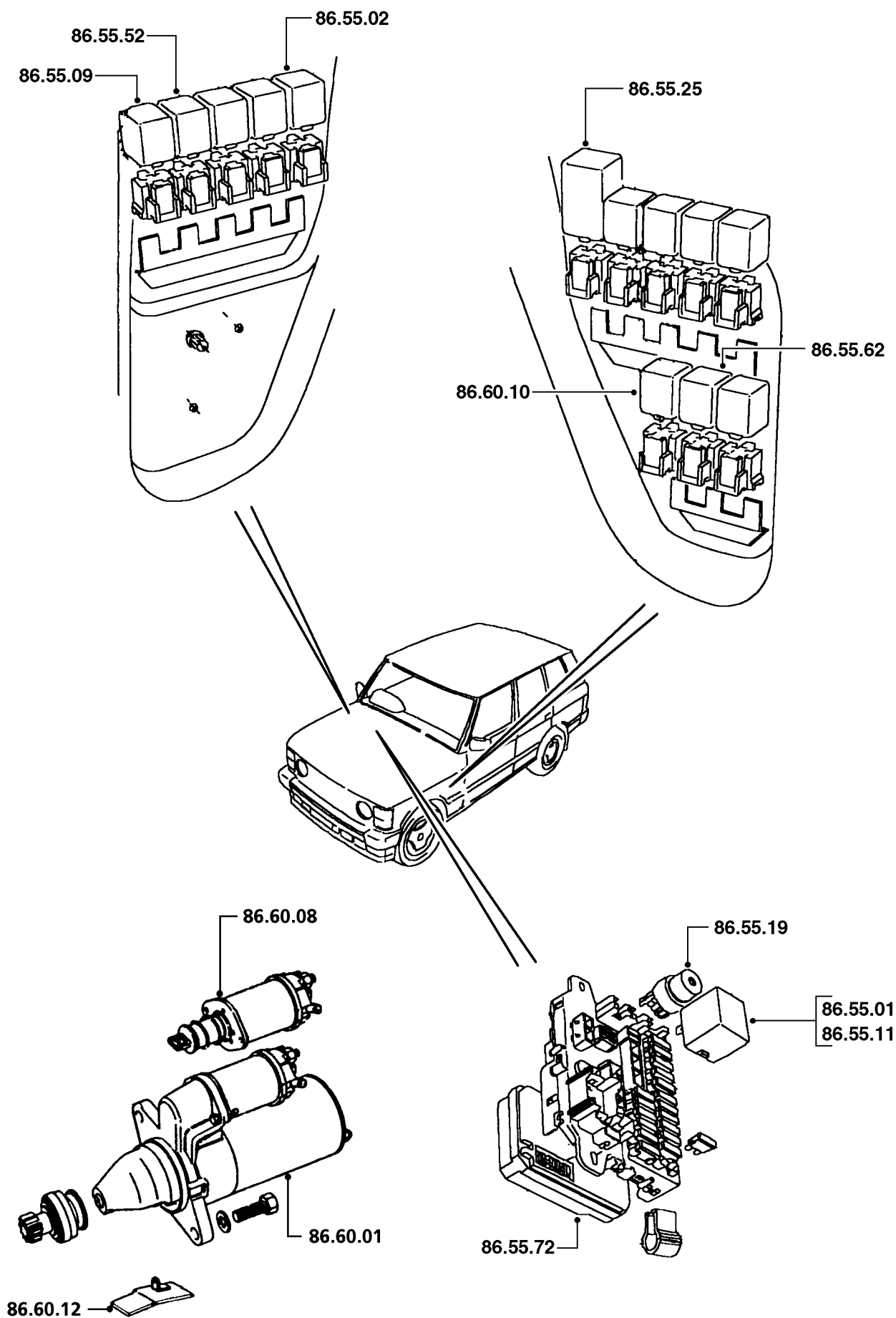
		All models	
86.45	LAMPS - INTERIOR		
86.45.01	Bulb - roof lamp - renew	00.10	7J9
86.45.02	Lamp assembly - roof - renew	00.15	7J9
86.45.07	Bulb - glove compartment lamp - renew	00.10	
86.45.14	Lamp assembly - map/courtesy - front - renew	00.15	7J9
86.45.23	Bulb - bonnet lamp - renew	00.10	7K3
86.45.26	Lens - bonnet lamp - renew	00.10	7K3
86.45.29	Bulb - illumination - switches - each - renew	00.15	*
86.45.31	Bulb - instrument panel - each - renew	00.15	7K1
86.45.40	Bulb - automatic gearbox selector lamp - renew	00.30	7K2
86.45.48	Bulb - illumination - instruments - each - renew	00.50	7K1
86.45.48/01	Bulb - illumination - instruments - each extra - renew	00.10	7K1
86.45.54	Bulb - illumination - clock - renew	00.10	7K1
86.45.55	Bulb - cigar lighter - front - renew	00.65	7Z1
86.45.57	Bulb - cigar lighter - rear - renew	00.65	7Z1
86.45.61	Bulbs - warning light - each - renew	00.45	7K8
86.45.61/01	Bulbs - warning light - each extra - renew	00.10	7K8
86.45.73	Bulb - indicator - heater switch - renew	00.25	7K1
86.45.91	Bulb - map reading lamp - renew	00.10	7J9
86.46	LAMPS - INTERIOR continued		
86.46.11	Bulb - ignition switch illumination - renew	00.15	
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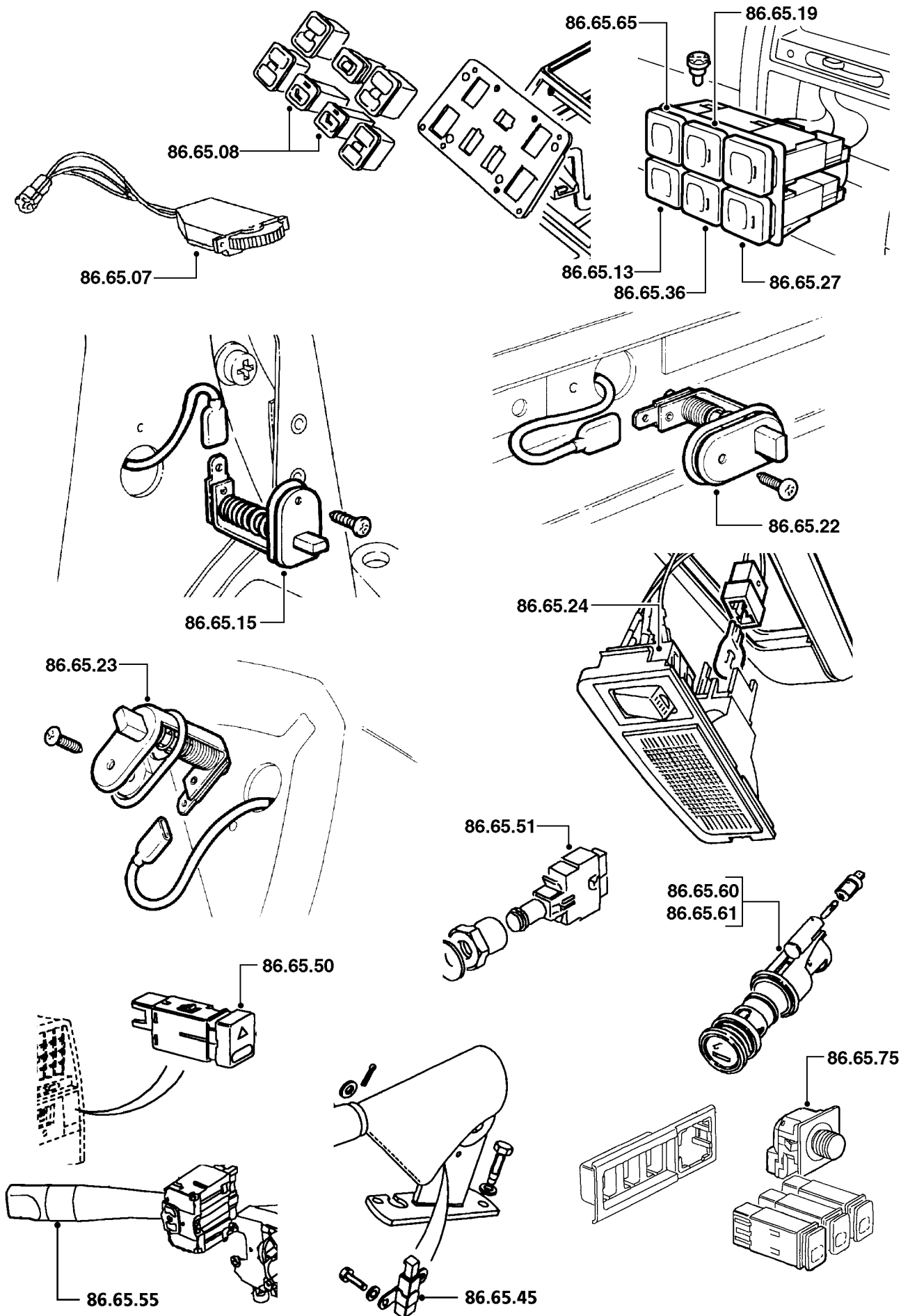
		All models	
86.50	AUDIO		
86.50.03	Radio - renew	00.15	7Z3
86.50.10	Speaker - front door - renew	00.55	7Z5
86.50.12	Speaker - rear - renew	00.20	7Z5
86.50.29	Amplifier/isolator unit - aerial - renew	01.55	7Z8
86.50.41	Speaker & amplifier - pack/assembly - renew	00.25	*
86.50.56	Amplifier - speaker - renew	00.15	6X4
86.50.60	C.D. autochanger - renew	00.45	6X3
86.50.92	Speaker - subwoofer - renew	00.45	6X1
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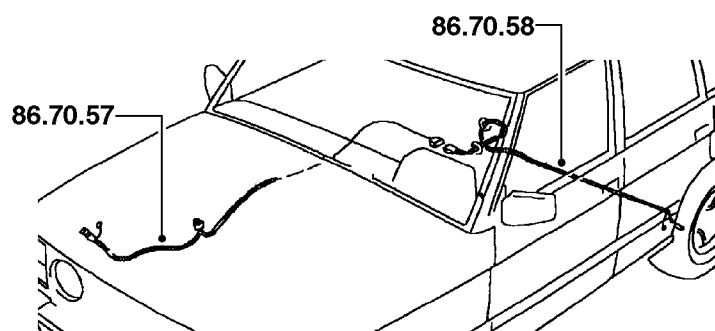
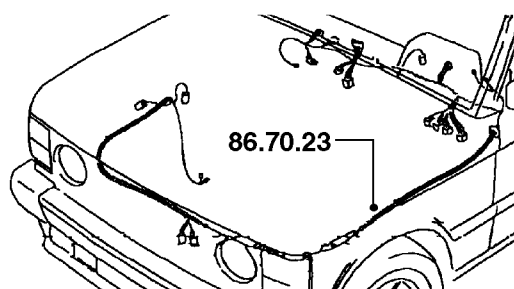
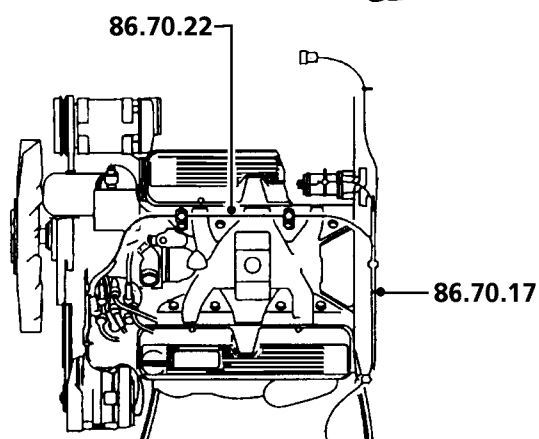
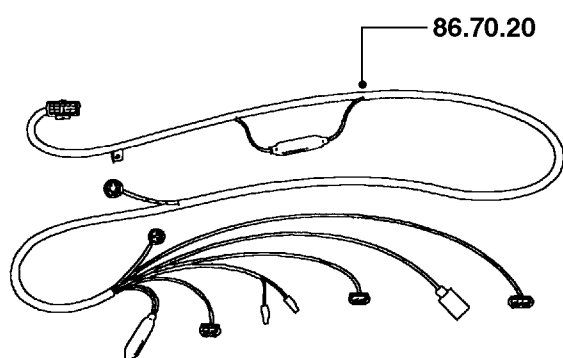
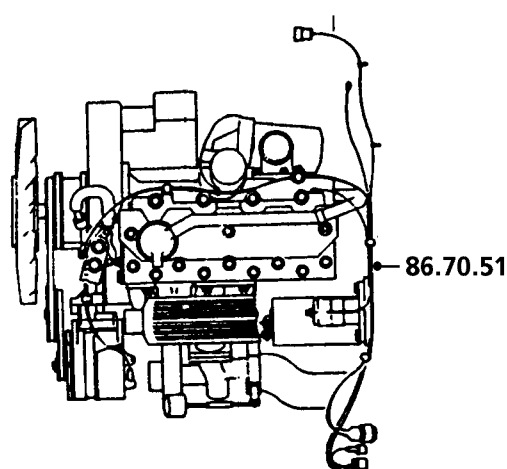
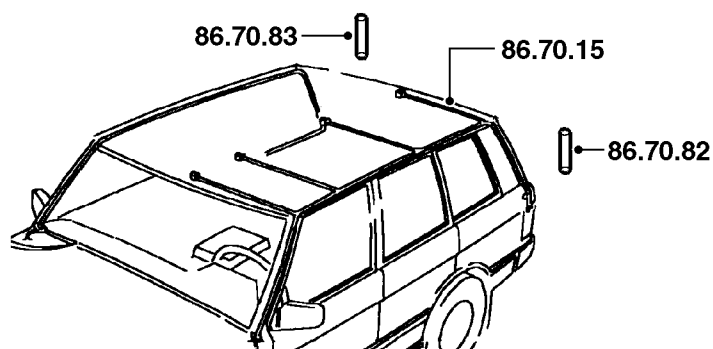
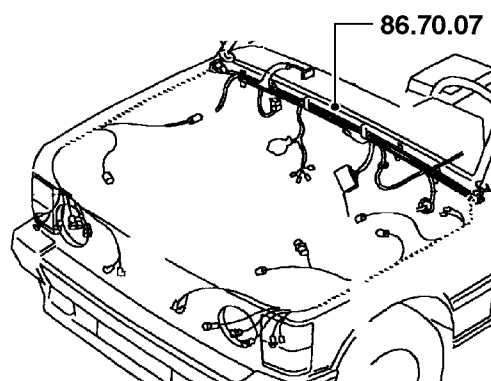
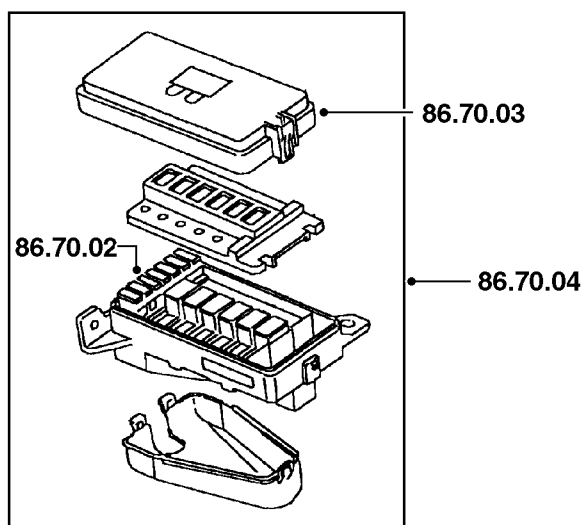
		All models	
86.55	RELAYS & FLASHERS UNITS		
86.55.01	Flasher unit - direction indicator/hazard warning - renew	00.15	7M4
86.55.02	Relay - hazard warning - renew	00.10	7M5
86.55.09	Relay - horn - renew	00.10	7Q8
86.55.11	Flasher unit - direction indicator - renew	00.35	7M4
86.55.18	Relay - heated front screen - renew	00.10	7X7
86.55.19	Relay - heated backlight - renew	00.10	7X8
86.55.25	Relay - blower motor - renew	00.20	7S3
86.55.49	Delay unit - courtesy light - renew	00.10	7M7
86.55.51	Relay - front fog/driving lamps - renew	00.10	7K0
86.55.52	Relay - auxiliary circuits - renew	00.10	*
86.55.62	Relay - ignition protection - renew	00.15	
86.55.72	Multi-function unit - renew	00.40	6U1
86.60	STARTER MOTOR		
86.60.01	Starter motor - renew	01.00	7C1
	Tdi	00.50	7C1
86.60.08	Solenoid - starter - renew	01.20	7C5
	Tdi	00.75	7C5
86.60.10	Relay - starter - renew	00.10	7C7
86.60.12	Heat shield - starter motor - renew	00.30	7C4
A - WRONGLY ADJUSTED B - POROUS/ADRIFT C - BAD FIT D - BROKEN E - CRACKED/SPLIT/CUT F - SEIZED/STIFF G - LOOSE/WEAK SYNCHROMESH H - CORRODED/PLATING FAILURE J - WORN/STRETCHED K - NOISY/CHAFED L - JUDDER/POOR CONNECTION M - BODY/COOLANT LEAKS/BURNT N - LEAKS - NOT COOLANT LOSS P - DIFFICULT ENGAGEMENT Q - FADED/STAINED/DISCOLOURED R - FACTORY DAMAGE S - OPEN CIRCUIT/BLOCKED T - SHORT CIRCUIT/THREAD DAMAGE U - INACCURATE/SLIPPING V - BULB/LIGHT UNIT FAILURE W - VIBRATION/OUT OF BALANCE X - BRAKE PULL/SURFACE DAMAGE Z - INOPERATIVE			



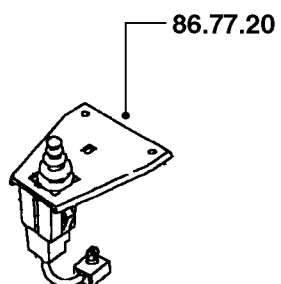
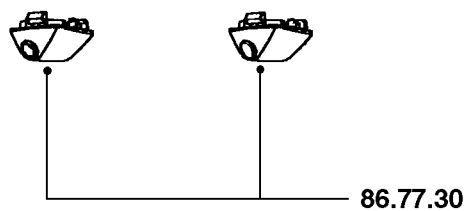
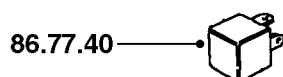
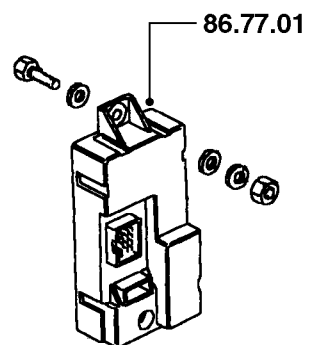
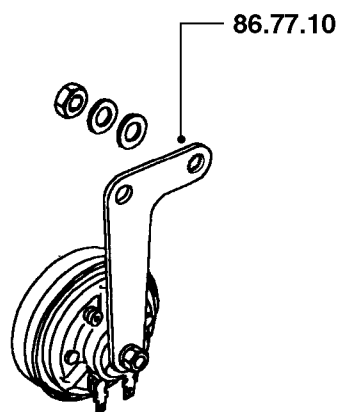
		All models	
86.65	SWITCHES & CIGAR LIGHTERS		
86.65.07	Switch - rheostat - renew	00.15	7M1
86.65.08	Switch - heated seat - renew	00.50	8J2
86.65.13	Switch - interior lamp - renew	00.10	7L5
86.65.15	Switch - door pillar - renew	00.10	7L6
86.65.19	Switch - front fog/driving lamp - renew.....	00.10	7L9
86.65.22	Switch - load space/boot light - renew	00.10	7M2
86.65.23	Switch - bonnet light - renew	00.10	7M2
86.65.24	Switch - glove compartment/map light - renew	00.10	7L9
86.65.27	Switch - heated front screen - renew	00.10	7X9
86.65.36	Switch - backlight heater - renew.....	00.10	7X9
86.65.45	Switch - handbrake warning - renew	00.50	7N6
86.65.50	Switch - hazard warning - renew	00.10	7L4
86.65.51	Switch - stop light - renew	00.50	7N1
86.65.55	Switch - combined direction indicator/headlight/horn - renew	00.30	*
86.65.60	Cigar lighter - front - renew	00.65	7Z1
86.65.61	Cigar lighter - rear - renew	00.15	7Z1
86.65.65	Switch - rear fog lamp - renew	00.15	7L7
86.65.75	Switch - control - exterior mirror - renew	00.15	9P7
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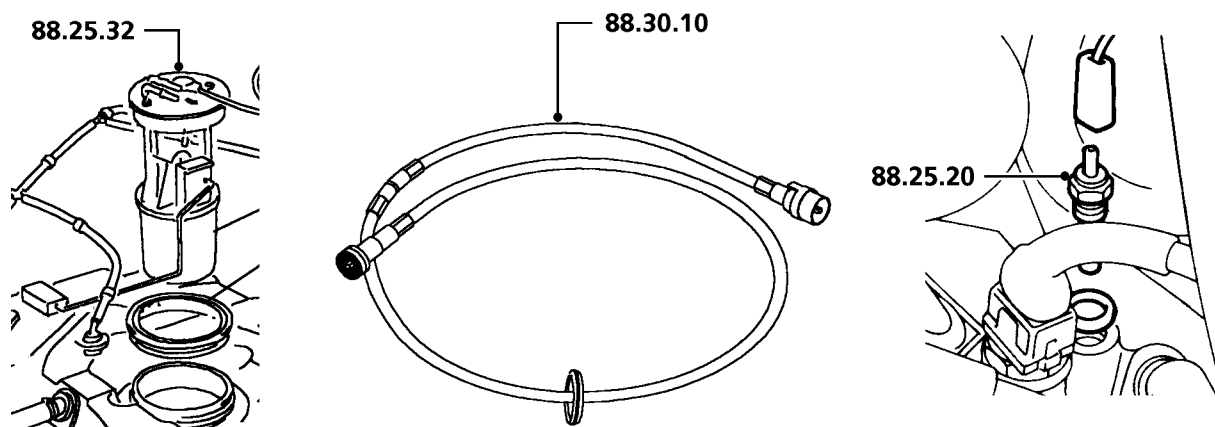
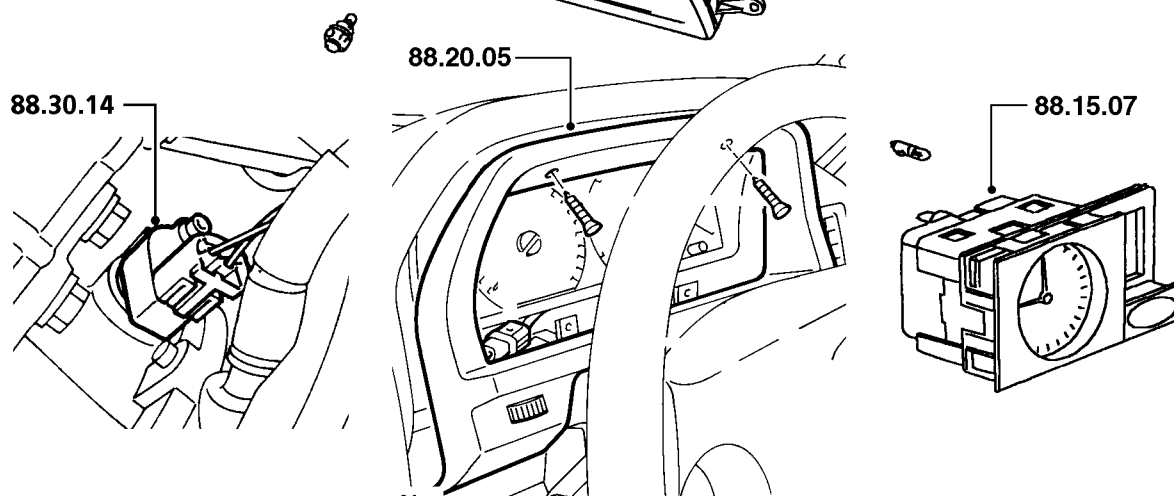
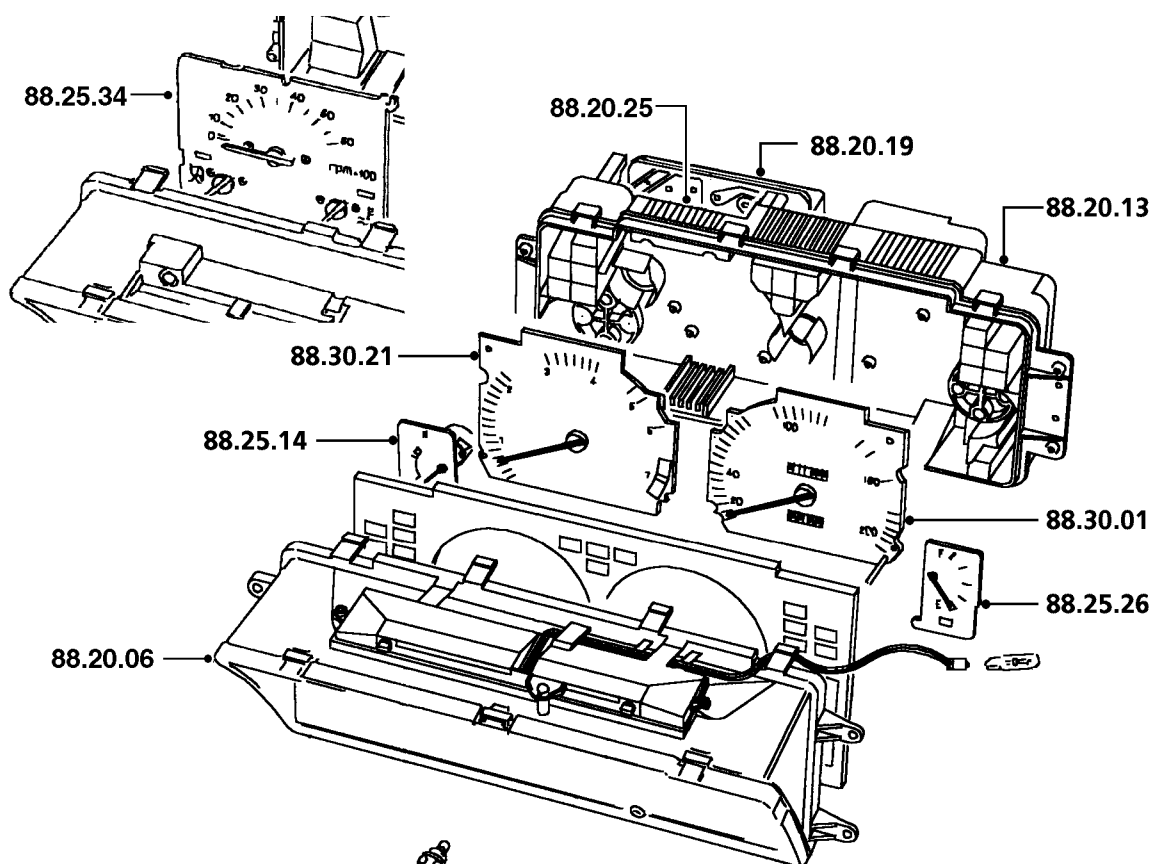
		All models	
86.70	WIRING & FUSES		
86.70.02	Fuse - renew	00.10	7Z2
86.70.02/01	Fuse - each extra - renew	00.10	7Z2
86.70.03	Cover (lid) - fuse box - renew	00.15	7Z2
86.70.04	Fuse box - main - renew	00.40	7Z2
86.70.07	Harness - main - renew	09.45	7Y1
86.70.15	Harness - rear - renew	02.00	7Y1
86.70.15/20	Harness - rear - renew - air conditioning fitted.....	02.80	7Y1
86.70.17	Harness - engine - renew	01.55	7Y1
	Tdi	01.70	7Y1
86.70.20	Harness - gearbox - renew	01.55	*
86.70.22	Harness - injectors - renew	03.25	7F0
86.70.23	Harness - air conditioning - renew	02.00	8R0
86.70.51	Harness - diesel heater plugs - renew	00.20	
86.70.57	Harness - brake pad warning - front - renew	00.20	7N0
86.70.58	Harness - brake pad warning - rear - renew	00.20	7N4
86.70.82	Harness protector - taildoor/gate - LH/each - renew	00.15	
86.70.83	Harness protector - taildoor/gate - RH - renew	00.40	
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		All models	
86.77	ALARM UNITS & MODULES		
86.77.01	Main module (ECU) - alarm system - renew	00.20	6S1
86.77.10	Sounder/horn - alarm system - renew	01.50	6S6
86.77.20	Switch - bonnet - alarm system - renew	00.10	6S5
86.77.30	Sensors - ultrasonic - alarm system - pair - renew	00.10	6S2
86.77.40	Relay - alarm system - renew	00.15	6S4
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		All models	
88.15	CLOCK		
88.15.07	Clock - renew.....	00.10	7V7
88.20	INSTRUMENT PANEL		
88.20.05	Finisher - instrument casing - front - renew	00.25	8S2
88.20.06	Window - instrument casing - renew	00.50	8S2
88.20.13	Housing - instruments - renew.....	00.45	8S2
88.20.19	Printed circuit - instrument panel - renew	00.85	7V9
88.20.25	Electronic control unit - instrument pack - renew.....	00.50	7U5
88.25	OIL, COOLANT & FUEL GAUGES		
88.25.14	Gauge - coolant temperature - renew	00.80	7U1
88.25.20	Transmitter - coolant temperature - renew.....	00.40	7U3
88.25.26	Gauge - fuel - renew	00.80	7U7
88.25.32	Sender unit - fuel tank gauge - renew	00.90	7U8
88.25.34	Combined gauge - coolant temperature, fuel & tachometer - renew.....	00.75	*
88.30	SPEEDOMETER & TACHOMETER		
88.30.01	Speedometer - renew	00.80	7T1
88.30.10	Cable - speedometer - gearbox to transducer - renew	00.20	7T3
88.30.14	Transducer - speed - renew.....	00.25	7T2
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Dealers Address

PROCEDURE FOR REVIEW OF MECHANICAL REPAIR OPERATION TIME

Extensive research is carried out to ensure the accuracy of these times but should you have any queries the review form printed below must be reproduced and completed in full.
 Time allowances are set using the methods as describes within the repair operations manuals and/or technical bulletins

Operation Number Model
 Scheduled Publication Part No. Variant.....
 Published Time Model Year.....
 Description

Details of time Taken

Please provide this data in as much detail as possible. No action will be taken unless this information is provided.

Diagnosis	Remove	Clean & Inspect	Dismantle & Overhaul	Refit	Adjust	Vehicle movement	Collect Parts	Collect Service tools	Total time taken

Please state specific areas of concern or difficulty

Additional comments.....

It is confirmed that the above details are a realistic assessment of the times taken when adhering to the procedures detailed in the Repair Operation Manual.

Service Manager.....Date.....

(DEALER RETAIN COPY FOR REFERENCE)

