



SERVICE MAINTENANCE SCHEDULE 95/96/97/98 MY

Discovery and Range Rover Classic - All Models

LRL0521ENG

Available from RAVE CD

Owner's name	Job No.
	Model:
	VIN/Engine No.
	Speedometer:
Date	Registration No

* = Intermediate service which excludes 2.0 MPI

Kilometres x 1000	*10	20	*30	40	*50	60	*70	80	*90	100	*110	120	*130	140	*150	160
Miles x 1000 or months	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
VEHICLE INTERIOR																
1 Check condition and security of seatbelts, seat belt mountings, seat belt buckles and operation of inertia seat belts		■		■		■		■		■		■		■		■
2 Check operation of lamps and all warning indicators.	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3 Check operation of front/rear wipers and washers and condition of wiper blades	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4 Check operation of handbrake and adjust if required		■		■		■		■		■		■		■		■
5 Depressurise electronic air suspension and renew intake filter				■				■				■				■
6 Renew electronic air suspension compressor intake filter				■				■				■				■
7 Remove/refit air reservoir drain plug (if evidence of water in system, replace dryer)				■				■				■				■
8 Repressurise air suspension system				■				■				■				■
VEHICLE EXTERIOR																
9 Check/adjust headlamp and auxiliary lamp alignment				■				■				■				■
10 Remove road wheels		■		■		■		■		■		■		■		■
11 Check tyres for compliance with manufacturer's specification, visually for cuts, bulges, uneven wear and depth, tyre pressures (including spare) adjust if required				■				■				■				■
12 Inspect brake pads for wear, callipers for leaks and discs for condition	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
13 Renew fuel filter (V8i and MPI only)								■								■
14 Refit road wheels to original hub position		■		■		■		■		■		■		■		■
15 Check front wheel alignment		■		■		■		■		■		■		■		■
16 Lubricate bonnet catches and fuel flaps		■		■		■		■		■		■		■		■
UNDER BONNET																
17 Check cooling, intercooler and heating systems for leaks, hoses for security and condition. Top up as required	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
18 Lubricate distributor rotor spindle				■				■				■				■
19 Renew spark plugs				■				■				■				■
20 Check/adjust valve clearances (300Tdi)	■	■		■		■		■		■		■		■		■
21 Renew fuel filter element (300 Tdi)		■		■		■		■		■		■		■		■
22 Renew air cleaner element(s) and clean drain holes				■				■				■				■
23 Clean plenum chamber ventilation passage way (V8i only)				■				■				■				■
24 Renew charcoal canister (V8i and MPI only)																■
25 Remove wading plug and check condition of camshaft driving belt (300 Tdi)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
26 Check condition of driving belts				■				■				■				■
27 Renew ancillary driving belts																■
28 Check/top up automatic transmission fluid		■				■				■				■		■
29 Check/top up power steering fluid reservoir		■		■		■		■		■		■		■		■
30 Check/top up brake and clutch fluid reservoirs		■		■		■		■		■		■		■		■
31 Check/top up windscreen and rear screen washer reservoir	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
32 Lubricate accelerator and cruise control linkage		■		■		■		■		■		■		■		■
33 Check/adjust ignition timing (V8i only)				■				■				■				■
34 Check/adjust steering box						■						■				
35 Remove battery connections - clean, grease and refit				■				■				■				■
36 Visually check intercooler/radiator for external obstructions		■		■		■		■		■		■		■		■
37 Flush diesel intercooler								■								■

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Miles x 1000 or months	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
UNDER VEHICLE																
38 Renew engine oil and filter (300 Tdi)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
39 Renew engine oil and filter (V8 and Mpi)				■				■		■		■		■		■
40 Renew engine oil (V8i)	■		■		■		■		■		■		■		■	
41 Renew gearbox oil (V8i)				■				■				■				■
42 Renew gearbox oil (Tdi and Mpi)		■		■		■		■		■		■		■		■
43 Check/top up gearbox oil (V8i)		■				■				■				■		
44 Renew automatic transmission oil and filter				■				■				■				■
45 Renew transfer box oil				■				■				■				■
46 Check/top up transfer box oil		■				■				■				■		
47 Renew front and rear axle oil				■				■				■				■
48 Check/top up front and rear axle oil		■				■				■				■		
49 Renew swivel pin housing oil				■				■				■				■
50 Check/top up swivel pin housing oil		■				■				■				■		
51 Lubricate propeller shaft universal/sliding joints		■		■		■		■		■		■		■		■
52 Visually check brake servo hose, brake, fuel, clutch pipes/unions for chafing, leaks and corrosion. Investigate if necessary	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
53 Check exhaust system for leaks, security and damage		■		■		■		■		■		■		■		■
54 Renew oxygen sensors (V8i only)														■		
55 Renew catalytic converters																■
56 Check for fluid leaks from power/manual steering and suspension systems, hydraulic pipes and unions for chafing and corrosion		■		■		■		■		■		■		■		■
57 Check/tighten steering unit and steering rod ball joint fixings, check condition of ball joints and dust covers		■		■		■		■		■		■		■		■
58 Check air suspension pipes and springs for security and damage		■		■		■		■		■		■		■		■
59 Check shock absorbers/height sensors and harness assembly for leakage and damage		■		■		■		■		■		■		■		■
60 Check/tighten front and rear suspension link fixings, check condition of mounting rubbers		■		■		■		■		■		■		■		■
61 Drain fuel sedimenter (300 Tdi)		■		■		■		■		■		■		■		■
62 Check security of towing bracket		■		■		■		■		■		■		■		■
63 Check condition of engine mounting rubbers						■						■				
64 Check road wheel speed sensor electrical harness for damage (ABS only)		■		■		■		■		■		■		■		■
65 Carry out road roller test (see notes)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
66 Endorse service record and report any unusual features of vehicle condition and additional work required	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

CAMSHAFT DRIVE BELT: The 4 cylinder engine timing gears are driven by a flexible rubber belt which must be renewed at intervals determined by the severity of the operating conditions. In reasonable, temperate climate operation, renew the belt every 120,000 km (72,000 miles) or every 6 years whichever occurs earlier (Tdi) or 160,000 km (96,000 miles) (Mpi). In conditions such as work in dusty atmospheres, high ambient temperatures and desert and tropical zones, renew belt every 60,000 km (36,000 miles) or every three years (Tdi) 80,000 km (48,000 miles) or every 4 years (Mpi). whichever occurs earlier.

OIL CHANGE 300 Tdi ENGINES: If the vehicle is operated on fuel with high sulphur content (over 1%) the oil change interval must not exceed 5,000 km (3,000 miles)

ANTIFREEZE - ALL MODELS: At two yearly intervals or at the onset of the second winter, the cooling system must be drained, flushed and refilled with the required water and antifreeze solution.

VEHICLES FITTED WITH AIR BAGS: The air bags must be replaced every TEN YEARS

IT IS RECOMMENDED THAT:

At 20,000 km (12,000 miles) intervals clean the sunroof drain tubes and channels and lubricate guide rail slides

At 40,000 km (24,000 miles) intervals or every two years whichever is the earlier, the hydraulic brake fluid should be completely renewed

At 80,000 km (48,000 miles) intervals or every four years whichever is the earlier, all hydraulic brake fluid seals, brake servo filter and flexible hoses should be renewed. All working surfaces of the master cylinder and caliper cylinders should be examined and renewed where necessary.

ABS vehicles only - renew hydraulic brake fluid and flexible hoses, examine the working surfaces of the caliper cylinders and renew the seals or cylinders where necessary. ABS vehicles used extensively in arduous/off road conditions - check the rear road speed sensor for abrasive wear at 1,00 km (1,000 miles) intervals

Air suspension vehicles used extensively in arduous/off road conditions will require the compressor inlet filter to be replaced at more regular intervals.

When the vehicle is used in dusty or field conditions, frequent attention to the air cleaner is required.

WARNING: Two wheel roller test must not be carried out. Four wheel roller test must be restricted to 5 km/hour (3Miles/hour)

Operators signature _____

Note: A copy of this schedule should be retained in the customer/vehicle history file