



Mr./Mrs/Ms: _____ Model: _____ Reg.No: _____

Invoice/Job no: _____ Odometer reading: _____ V.I.N: _____

Service type:	FS	A	B	A	B	A	B	A	B		
Months/ ,000 km:	3/5	12/20	24/40	36/60	48/80	60/100	72/120	84/140	96/160		

DISCOVERY SERIES II
(ALL MODELS 99 MY TO 01 MY)
MAINTENANCE CHECK SHEET

Adjust/Lubricate/Replace - Labour cost included in scheduled time except items marked *

Check - After the checking procedure, cleaning, adjusting, repairing or replacing is subject to extra labour and material cost.

FS A B VEHICLE INTERIOR

- 1. Check condition and security of seats and seat belts
- 2. Check operation of all lamps, horns and warning indicators
- 3. Check operation of front/rear wipers and washers and condition of wiper blades
- 4. Check operation of handbrake
- 5. Replace alarm handset batteries

VEHICLE EXTERIOR

- 6. Annual corrosion/cosmetic inspection - **Only on vehicles sold after 21/11/98**
- 7. Remove road wheels
- 8. Check tyre pressures, condition and tread depth.
LHF RHF RHR LHR Spare
- 9. Inspect brake pads for wear , calipers for leaks and discs for condition
- 10. Inspect road wheel speed sensor harness for damage
- 11. Replace Brake Fluid (Every 2 years)
- 12. Renew fuel filter element (**Diesel**)
- 13. Drain fuel sedimenter (**Diesel only**)
- 14. Refit road wheels to original hub position (Use anti-sieze compound on spigot bore)
- 15. Visually check intercooler/radiator for external obstructions and fan blades for damage
- 16. Check ambient air sensor for damage
- 17. Check operation and Lubricate door locks, hinges, door checks, bonnet catch & fuel flap
- 18. 100k 200k Check condition of air suspension intake filter - **See recommendations**

UNDER BONNET

- 19. 60k 120k Renew anti-freeze
- 20. Check cooling, intercooler and heating systems for leaks , hoses and oil pipes for security and condition . Top up as required
- 21. 120k Renew spark plugs
- 22. Renew air cleaner element and clean drain hole (V8)
- 23. 60k 120k Renew air cleaner element and clean dump valve (Diesel)
- 24. Check condition of ancillary driving belt
- 25. 80k Renew ancillary driving belt (V8)
- 26. 160k Renew ancillary driving belt (Diesel)
- 27. Check/top up brake, PAS, clutch and ACE fluid levels and screen washer reservoirs
- 28. 120k Check/adjust steering box
- 29. Check battery condition
- 30. 80k Flush diesel intercooler element
- 31. Renew engine oil
- 32. Renew centrifuge rotor - **Diesel**
- 33. 60k 120k Renew full flow filter - **Diesel**

FS A B MAIN SERVICE (UNDER VEHICLE)

- 34. Renew engine oil filter - **V8**
- 35. Renew manual gearbox oil
- 36. Check and top up manual gearbox oil
- 37. Renew automatic transmission filter - **First 40,000 km only**
- 38. Renew automatic transmission oil
- 39. Renew transfer box oil
- 40. Check and top up transfer box oil
- 41. 160k Renew front and rear axle oil
- 42. Check and top up front and rear axle oil
- 43. Lubricate propeller shaft universal/sliding joints
- 44. Check for free play in anti-roll bar links and condition of rubber boots
- 45. Check condition of gaiters to ACE actuators
- 46. 120k Replace ACE filter in valve block and replace lost fluid
- 47. Check visually, brake servo hose, brake, fuel, clutch pipes, unions, ACE pipes and electrical harnesses for chafing, leaks and corrosion.
- 48. Check for fluid leaks from power steering and suspension systems hydraulic pipes and unions for chafing and corrosion
- 49. Check for fluid leaks from Engine, Gearbox, Transfer box and Axles
- 50. Check exhaust system for leaks , security and damage
- 51. 80k Check/tighten steering box and front and rear axles suspension fixings.
- 52. Check steering rod ball joint fixings and condition of ball joints and dust covers
- 53. Check shock absorbers/height sensors and harness assembly for leakage and damage
- 54. Check/tighten front and rear axle suspension link fixings, check condition of mounting rubbers
- 55. Check security of towing bracket
- 56. 80k Check security of engine and transmission mounting rubbers - **V8 only**
- 57. If fault lamp(s) are illuminated, interrogate that system using TestBook and report findings.
- 58. Carry out road or roller test (see WARNING over page)
- 59. Endorse service record
- 60. Report any unusual features of vehicle condition and additional work required

The maintenance items listed, are those recommended for vehicles operating under normal driving, road and climatic conditions. More frequent attention may be necessary if the vehicle is subject to stop/start operation, extremes of temperature, dusty conditions, off road driving or frequent towing of trailers.

Service check completed and service portfolio book endorsed

Name: Signature: Date:

WARNING :

Two wheel roller tests must not be carried out . Four wheel roller tests must be restricted to 5km/hour.

IMPORTANT**OIL CHANGE DIESEL ENGINES**

If the vehicle is operated on fuel with a high sulphur content (over 1%) the oil change intervals must not exceed 10,000 km

VEHICLES FITTED WITH SUPPLEMENTARY RESTRAINT SYSTEMS

The seatbelt pre-tensioners (where fitted) and air bags must be replaced every TEN YEARS

Side air bags must be replaced every FIFTEEN YEARS

IT IS RECOMMENDED THAT :

At 120,000 Km or every six years, whichever is the sooner, all hydraulic brake fluid seal and hoses should be renewed.

All working surfaces of the caliper cylinders should be examined and renewed where necessary.

Vehicles used extensively in arduous/off road conditions - check the road wheel speed sensors, brake pads and calipers for abrasive wear at 1500 km (1000 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 .

The Power Steering/ACE fluid reservoir should be replaced at 250,000Km

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

When the vehicle is used in areas where fuel quality is poor, more frequent draining of the fuel filter/sedimentor may be required.

For full details regarding the operations contained in this maintenance check sheet, please refer to the workshop manual.

GLOSSARY

FIRST SERVICE (FS)= The first service required after sale of vehicle.

MAIN SERVICE = The main service is applicable to all vehicles. It is carried out at 12 month or 20,000 km intervals, whichever occurs first.

Main Service "A"is applicable at 12 months/20,000 km, 36 months/60,000 km, 60 months/100,000 km 84 months/140,000 km and so on.

Main Service "B"is applicable at 24 months/40,000 km, 48 months/80,000 km, 72 months/120,000 km, 96 months/160,000 km and so on. Some items do not need to be carried out at every main service and these items are identified by an indicator in the tick box e.g. 100k (This indicates that this item is only applicable every 60 months/ 100,000 km)