

Mr./Mrs/Ms: _____ Model: _____ Reg.No: _____
 Invoice/Job no: _____ Odometer reading: _____ V.I.N: _____



DEFENDER (Td5)

(DIESEL MODELS 02 MY ON)

MAINTENANCE CHECK SHEET

Service type:

A	B	A	B	A	B
12	24	36	48	60	72

 84 96
 Months/000 miles: _____
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.

VEHICLE INTERIOR						
A	B		A	B	A	B
<input type="checkbox"/>	<input type="checkbox"/>	1.	Check condition and security of seats and seat belts			
<input type="checkbox"/>	<input type="checkbox"/>	2.	Check operation of all lamps, horns and warning indicators			
<input type="checkbox"/>	<input type="checkbox"/>	3.	Check operation of front/rear wipers and washers and condition of wiper blades			
<input type="checkbox"/>	<input type="checkbox"/>	4.	Check operation of handbrake			
<input type="checkbox"/>	<input type="checkbox"/>	5.	Check battery condition			
<input type="checkbox"/>	<input type="checkbox"/>	6.	Replace alarm handset batteries			

VEHICLE EXTERIOR						
<input type="checkbox"/>	<input type="checkbox"/>	7.	Annual corrosion/cosmetic inspection - Using annual corrosion inspection sheet, vehicles sold after 21/11/98			
<input type="checkbox"/>	<input type="checkbox"/>	8.	Check headlamp and auxiliary lamp alignment			
<input type="checkbox"/>	<input type="checkbox"/>	9.	Remove road wheels			
<input type="checkbox"/>	<input type="checkbox"/>	10.	Check and adjust tyre pressures	LHF <input type="checkbox"/>	RHF <input type="checkbox"/>	RHR <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>				LHR <input type="checkbox"/>	Spare <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	11.	Check and record tread depth	LHF <input type="checkbox"/>	RHF <input type="checkbox"/>	RHR <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>				LHR <input type="checkbox"/>	Spare <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	12.	Inspect brake pads for wear, calipers for leaks and discs for condition			
<input type="checkbox"/>	<input type="checkbox"/>	13.	Inspect road wheel speed sensor electrical harness for damage ABS only			
<input type="checkbox"/>	<input type="checkbox"/>	14.	Renew fuel filter element			
<input type="checkbox"/>	<input type="checkbox"/>	15.	Drain fuel sediment			
<input type="checkbox"/>	<input type="checkbox"/>	16.	Refit road wheels to original hub position (Use anti-seize compound on spigot bore)			
<input type="checkbox"/>	<input type="checkbox"/>	17.	Visually check intercooler/radiator for external obstructions and fan blades for damage			
<input type="checkbox"/>	<input type="checkbox"/>	18.	Check ambient air pressure sensor for damage			
<input type="checkbox"/>	<input type="checkbox"/>	19.	Check operation and Lubricate door locks, hinges, door checks and bonnet catch			

UNDER BONNET						
<input type="checkbox"/>	<input type="checkbox"/>	20.	Renew engine coolant	60k <input type="checkbox"/>	120k <input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	21.	Replace Brake Fluid - Also see recommendations			
<input type="checkbox"/>	<input type="checkbox"/>	22.	Check cooling, intercooler and heating systems for leaks, hoses and oil pipes for security and condition. Top up as required			
<input type="checkbox"/>	<input type="checkbox"/>	23.	Renew air cleaner element and clean dump valve.			
<input type="checkbox"/>	<input type="checkbox"/>	24.	Check condition of ancillary driving belt			
<input type="checkbox"/>	<input type="checkbox"/>	25.	Renew ancillary driving belt	160k <input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	26.	Check/top up brake, PAS and clutch fluid levels and screen washer reservoirs			
<input type="checkbox"/>	<input type="checkbox"/>	27.	Check/adjust steering box	60k <input type="checkbox"/>	120k <input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	28.	Flush diesel intercooler element	80k <input type="checkbox"/>		

UNDER VEHICLE						
<input type="checkbox"/>	<input type="checkbox"/>	29.	Renew engine oil			
<input type="checkbox"/>	<input type="checkbox"/>	30.	Renew centrifuge rotor			

UNDER VEHICLE						
<input type="checkbox"/>	<input type="checkbox"/>	31.	Renew full flow filter	60k <input type="checkbox"/>	120k <input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	32.	Renew manual gearbox oil			
<input type="checkbox"/>	<input type="checkbox"/>	33.	Renew transfer box oil			
<input type="checkbox"/>	<input type="checkbox"/>	34.	Check and top up transfer box oil			
<input type="checkbox"/>	<input type="checkbox"/>	35.	Renew front and rear axle oil			
<input type="checkbox"/>	<input type="checkbox"/>	36.	Check and top up front and rear axle oil			
<input type="checkbox"/>	<input type="checkbox"/>	37.	Lubricate propeller shaft universal/sliding joints			
<input type="checkbox"/>	<input type="checkbox"/>	38.	Check visually, brake servo hose, brake, fuel, clutch pipes and unions			
<input type="checkbox"/>	<input type="checkbox"/>	39.	Check for fluid leaks from power steering systems hydraulic pipes and unions for chafing and corrosion			
<input type="checkbox"/>	<input type="checkbox"/>	40.	Check for fluid leaks from Engine, Gearbox, Transfer box and Axles			
<input type="checkbox"/>	<input type="checkbox"/>	41.	Check exhaust system for leaks, security and damage			
<input type="checkbox"/>	<input type="checkbox"/>	42.	Check/tighten steering box and front and rear axle suspension fixings			
<input type="checkbox"/>	<input type="checkbox"/>	43.	Check steering rod ball joint fixings and condition of ball joints and dust covers			
<input type="checkbox"/>	<input type="checkbox"/>	44.	Check shock absorbers for leakage and damage			
<input type="checkbox"/>	<input type="checkbox"/>	45.	Check/tighten front and rear axle suspension link fixings, check condition of mounting rubbers			
<input type="checkbox"/>	<input type="checkbox"/>	46.	Check security of towing bracket			
<input type="checkbox"/>	<input type="checkbox"/>	47.	Check security of engine and transmission mounting rubbers	50k <input type="checkbox"/>	120k <input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	48.	Carry out road or roller test (see WARNING over page)			
<input type="checkbox"/>	<input type="checkbox"/>	49.	Endorse service record			
<input type="checkbox"/>	<input type="checkbox"/>	50.	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. See overleaf for details

Service check completed and service portfolio book endorsed

Name: _____ Signature: _____ Date: _____

ARDUOUS DRIVING CONDITIONS - ADDITIONAL REQUIREMENTS

Driving Condition	Maintenance Item	Task	Interval	✓
V	W X . Z Engine oil	R	Every 10,000 km or 6 months	
.	W . Y . Air cleaner element - all models	S	Every 5,000 km or 3 months	
.	W . Y . Fuel Filter element - diesel models	R	Every 10,000 km or 6 months	
.	W . Y . Drain fuel sediment - diesel models	S	Every 10,000 km or 6 months	
.	. X . . Cooling hoses and connectors - all models	I	Every 10,000 km or 6 months	
.	W X Y . Ancillary drive belt - all models	I	Every 10,000 km or 6 months	
.	W X Y Z Wheel bearing grease - all models	S	Every 40,000 km or 24 months	
.	. X Y Z Gearbox oil - all models	R	Every 20,000 km or 12 months	
.	W . Y Z Front and rear brakes - all models	I	Every 5,000 km or 3 months	
.	W . Y . Suspension and steering components	I	Every 10,000 km or 6 months	
.	W X Y . Greasing points on propshaft	S	Every 10,000 km or 6 months	

Driving Condition Code

V = Repeated short distance driving (e.g. up to 8 km), stop start driving or idling for long periods
W = Driving in dusty and/or sandy conditions
X = Driving in extremely hot conditions
Y = Driving on rough and/or muddy roads and/or wading
Z = Towing a trailer or driving in mountainous conditions

Task Codes

I = Inspection
R = Replace
S = Service

WARNING :

Two wheel roller tests must not be carried out. Four wheel roller tests must be restricted to 5 km/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 10,000km.

IT IS RECOMMENDED THAT :

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

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

GLOSSARY

MAIN SERVICE = The main service is applicable to all vehicles. It is carried out at 12 month or 12,000 miles 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/140,000 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/100,000km).

NOTE: The service required should be at the time or distance stated, **which ever occurs first**.