

## SERVICE CHECK LIST - Defender 200TDi, V8, 4 Cylinder Petrol & Diesel

	Mileage '000miles			
	6	12	24	48
<b>VEHICLE INTERIOR</b>				
Check condition and security of seats, seat belt mountings, seat belts, buckles and operation of inertia seat belts		X	X	X
Check operation of foot brake and clutch		X	X	X
Check operation of all lamps, horns and warning indicators		X	X	X
Check operation of front/rear screen wipers and washers and condition of wiper blades		X	X	X
Check security and operation of handbrake	X	X	X	X
Remove battery connections, clean, grease and refit		X	X	X
<b>VEHICLE EXTERIOR</b>				
Check/adjust headlamp and auxillary lamp alignment		X	X	X
Check front wheel alignment		X	X	X
Remove road wheels	X	X	X	X
Check tyres comply with manufacturers specifications	X	X	X	X
Check tyres visually for cuts, lumps, bulges, uneven tread wear and depth and tyre pressure	X	X	X	X
Inspect brake pads for wear, calipers for leaks, and disks for condition	X	X	X	X
Remove road wheel brake drums, wash out dust, inspect shoes for wear and drums for condition	X	X	X	X
Inspect wheel cylinders for fluid leaks	X	X	X	X
Refit road wheel brake drums	X	X	X	X
Adjust road wheel brakes	X	X	X	X
Refit road wheels to original hub position	X	X	X	X
Check operation of all doors, bonnet and taildoor locks		X	X	X
Lubricate all hinges, door-check mechanisms, bonnet catches and fuel flaps	X	X	X	X
<b>UNDER BONNET</b>				
Check cooling and heater systems for leaks, hoses for security and condition		X	X	X
Check brake servo hose for security and condition		X	X	X
Check condition of heater plug wiring for fraying, chafing and deterioration (diesel vehicles only)		X	X	X
Check ignition wiring and HT leads for fraying, chafing and deterioration		X	X	X
Clean distributor cap, check for cracks and tracking		X	X	X
Renew distributor points (if applicable)		X	X	X
Lubricate distributor rotor spindle with rotor arm removed		X	X	X
Clean/adjust spark plugs	X			
Renew spark plugs		X	X	X
Check/adjust valve clearances (not V8)		X	X	X
Diesel injectors - check for correct spray pattern, ensure no leakage is evident (not 200TDi)			X	X
Renew fuel filter element		X	X	X
Check crankcase breathing system for leaks, hoses for security and condition	X	X	X	X
Renew air cleaner element(s)		X	X	X
Check air cleaner dump valve, clean or renew		X	X	X
Renew engine breather filter (V8 only)			X	X
Clean engine breather filter (not V8)		X	X	X
Renew engine flame trap(s) (V8 only)		X	X	X
Check condition of driving belts - adjust if required	X	X	X	X
Check throttle operation		X	X	X
Top up carburettor piston dampers (V8 only)	X	X	X	X

X indicates items carried out during a standard service. Due to our policy of continuous improvement, the work undertaken on your vehicle service may be altered without prior notification.

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	Mileage '000miles			
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<b>UNDER BONNET (Continued)</b>				
Check/top up cooling system	X	X	X	X
Check/top up fluid in power steering fluid reservoir	X	X	X	X
Check/top up clutch fluid reservoir	X	X	X	X
Check/top up brake fluid reservoir	X	X	X	X
Check/top up windscreen and rear washer reservoir	X	X	X	X
Lubricate accelerator control linkages and pedal pivot		X	X	X
Check/adjust ignition timing	X	X	X	X
Check/adjust engine idle speed and carburetter mixture settings with engine at normal running temperature	X	X	X	X
Check/adjust steering box		X	X	X
Clean diesel intercooler element (200TDi only)				X
<b>UNDER VEHICLE</b>				
Renew engine oil and filter	X	X	X	X
Renew gearbox oil (V8 only)		X	X	X
Check/top up gearbox oil (V8 only)	X			
Renew gearbox oil (not V8)			X	X
Check/top up gearbox oil	X	X		
Renew transfer box oil			X	X
Check/top up transfer box oil	X	X		
Renew front axle oil			X	X
Check/top up front axle oil	X	X		
Renew swivel pin housing oil			X	X
Check/top up swivel pin housing oil	X	X		
Renew rear axle oil			X	X
Check/top up rear axle oil	X	X		
Lubricate propeller shaft sliding joints			X	X
Lubricate propeller shaft universal joints		X	X	X
Lubricate handbrake mechanical linkage	X	X	X	X
Check visually brake, fuel, clutch pipes/unions for chafing, leaks and corrosion		X	X	X
Check exhaust system for leaks, security and damage		X	X	X
Check for fluid leaks from power/manual steering & suspension systems, hydraulic pipes and unions for chafing & corrosion	X	X	X	X
Check/tighten steering unit and steering rod ball joint fixings, check condition of all joints and dust covers		X	X	X
Check tightness of propeller shaft coupling bolts		X	X	X
Ensure front and rear axle breathers are free from obstruction		X	X	X
Check/tighten front and rear axle suspension link fixings, check condition of mounting rubbers		X	X	X
Check for oil leaks from engine and transmission		X	X	X
Clean fuel sedimenter (Diesel only)	X	X	X	X
Drain flywheel housing and timing belt cover if drain plug is fitted for wading (refit plug)		X	X	X
Drain timing gear housing if drain plug is fitted for wading and refit (200TDi only)		X	X	X
Clean camshaft drive belt housing (Diesel NA only)		X	X	X
Check security of fuel tank		X	X	X
Check security of towing bracket		X	X	X
Adjust handbrake if required	X	X	X	X
Carry out road or roller test	X	X	X	X
Check turbo charger boost pressure (Diesel only)			X	X

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