

DEFENDER 90 2004 MODEL YEAR

ENGINE

2.5 LITRE 300 Tdi TURBO DIESEL

2495 cc Turbocharged & Intercooled Direct Injection 4 Cylinder Diesel
Compression Ratio 19.5:1
Maximum Torque 265 Nm (195 lb ft) @ 1800 rpm
Maximum Power 83 kW (111.3 bhp) @ 4000 rpm

2.5 LITRE Td5 TURBO DIESEL

2498 cc Turbocharged & Intercooled Direct Injection 5 Cylinder Diesel
Compression Ratio 19.5:1
Maximum Torque 300 Nm (226 lb ft) @ 1950 rpm
Maximum Power 90 kW (122 bhp) @ 4200 rpm

TRANSMISSION

Permanent 4 Wheel Drive, Differential Lock, Centre Differential
Single Plate Clutch Hydraulic Actuation
R380 Five Speed All Synchronesh Gear Box
2 Speed High & Low Range Transfer Box

STEERING

Worm and Roller Steering Box (Power Assisted)
Hydraulic Steering Damper

SUSPENSION

Live Axles, Coil Springs, Front and Rear (F&R)
Single Rate F&R Coil Spring (Dual Rate on rear for heavy duty)
Telescopic Hydraulic Shock Absorbers, Fully Floating Hubs
Front Axle Location by Radius Arms, Panhard Rod
Rear Axle Location by Radius Arms, A Frame

BODY & CHASSIS

Birmabright Aluminium Body Panels
Steel Door Frames and Bulkhead
Steel Ladder Frame Chassis

ELECTRICAL SYSTEM

12 Volt Negative Earth, Maintenance Free Battery
Tdi-72 amp/hr, Td5-100 amp/hr
65 Amp Alternator on Tdi/120 Amp Alternator on Td5
Alarm Frequency – 315 mHz

BRAKES

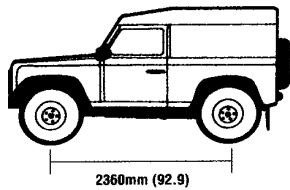
Hydraulic Servo Assisted Dual Circuit Disc Brakes All Round
Cable Operated Transmission Parking Brake

STANDARD FEATURES AND SELECTED OPTIONS

Interior	Soft Top	Pick-Up	Hard Top	S Wagon
Air Conditioning	N/A	O	O	O
Sun Hatch	N/A	N/A	N/A	O
Immobiliser / Alarm	N/A	O	O	O
Laminated Windscreen	S	S	S	S
Canvas Hood	S	S	N/A	N/A
Heater Demister to Front Screen	S	S	S	S
Heated Rear Window	N/A	N/A	S	S
Front Centre Seat	O	O	O	O
Centre Storage Cubby Box	O	O	O	O
Centre Storage Tray	S	S	S	S
Rear Bench Seats (2x2)	O	O	O	S
Cloth Seats	O	O	O	O
Twill Vinyl Seats	S	S	S	S
Tinted Glass	O	O	O	O
Rake adjustable Front Outer Seats With Head Restraints	S	S	S	S
Front Outer Inertia Reel Seat Belts	S	S	S	S
Rear Seat Belts	N/A	N/A	N/A	O
Interior Courtesy Light	S	S	S	S



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■ STANDARD FEATURES AND SELECTED OPTIONS ■

Interior Continued

	Soft Top	Pick-Up	Hard Top	S Wagon
Electric Front Windows	O	O	O	O
Central Door Locking	O	O	O	O
Cold Climate Pack (Heated Seats & Screen) – TD5 only	O	O	O	O
Land Rover Radio / Cassette / Front 2 Speakers	O	O	O	O
Analogue Clock	S	S	S	S

Exterior

	Soft Top	Pick-Up	Hard Top	S Wagon
Anti-lock Brakes & Electronic Traction Control – Td5 Engine only	O	O	O	O
Heavy Duty Suspension (2550Kg GVW) – Specific models only		Check Applicability		
Towing Equipment Plus Electrics	O	O	O	O
Michelin XPC 4x4 205/80R16 Tyres	S	S	S	S
Tyres – 7.50 x 16, Avon Rangemaster/Michelin XPC or XS or XZL	O	O	O	O
5 Spoke Sculptured Alloys + Grabber Tyres	O	O	O	O
Alloy Locking Wheel Nuts	O	O	O	O
Hard Top – Fixed or Sliding windows (Plain Sides Std)	N/A	N/A	O	N/A
Rear Door Mounted Spare Wheel	N/A	N/A	S	S
Bonnet Mounted Spare Wheel (Not on Td5)	O	O	O	O
Bulkhead (Loadspace) Mounted Spare	S	S	N/A	N/A
Quartz Halogen Headlamps	S	S	S	S
Rear Fog Lamp and Reversing Lamp	S	S	S	S
Side Steps	O	O	O	O
Rear Step	N/A	N/A	O	S
Front Under Ride Protection Bar	O	O	O	O
Deformable Wheel Arch Eyebrows	S	S	S	S
Front Mud Flaps	O	O	O	O
Rear Mud Flaps	S	S	S	S
Lockable Fuel Filler Cap	S	S	S	S
Two Speed Wipers with Intermittent Wipe and Programmed Wash/Wipe	S	S	S	S
Rear Wash/Wipe + Heated rear screen	N/A	N/A	S	S
County Pack (Side steps, Tinted Glass, Cloth Seats, Central Door Locking, Front Electric Windows)	N/A	O	O	O
Black/Micatallic/Metallic Paint	O	O	O	O
Nudge Bars or Protection Bars	A	A	A	A
Side Runners	A	A	A	A
Driving or Fog Lights	A	A	A	A
Winch	A	A	A	A
Roof Rack	N/A	N/A	A	A
Lamp Guards – Hinged or Fixed	A	A	A	A

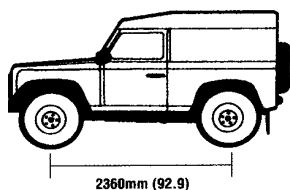
Various Interior and Exterior Accessories available upon request

S = Standard, O = Factory option, A = Accessory (dealer fit), N/A = Not Available, NCO = Non-cost Option



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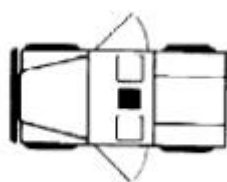


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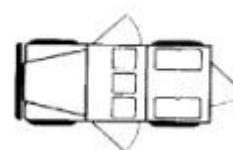
WEIGHTS AND MEASURES

	Soft Top	Pick-Up	Hard Top	S Wagon
Kerb Weight (Kg) Standard/Heavy Duty Suspension	1695/1698	1695/1698	1740/1750	1797/na
Payload (Kg) Standard/Heavy Duty Suspension	705/852	705/852	660/800	753/na
Gross Vehicle Weight (Kg) Standard/Heavy Duty Suspension	2400/2550	2400/2550	2400/2550	2550/na
Towing: Unbraked Trailer (Kg) on-road/off-road	750/500	750/500	750/500	750/500
Towing: Over – Run Braked Trailer (Kg) on-road/off-road	3500/1000	3500/1000	3500/1000	3500/1000
Towing: 4 Wheel Trailer with Coupled Brakes (Kg) on-road/off-road	3500/1000	3500/1000	3500/1000	3500/1000
Dimensions (LxH) (mm) (width: 1790mm) with 205 Tyres	3722x1993	3722x1993	3883x1993	3883x1993
Dimensions (LxH) (mm) (width: 1790mm) with 7.50 Tyres	3722x2076	3722x2076	3883x2076	3883x2076
Shipping Cube (cubic metres) with 205 Tyres/7.50 Tyres	13.28/13.83	13.28/13.83	13.85/14.43	13.85/14.43
Minimum Kerb to Kerb Turning Radius (m) 205/7.50 /265Tyres	5.85/6.15/6.67	5.85/6.15/6.67	5.85/6.15/6.67	5.85/6.15/6.67
Wheel Base (mm)	2360	2360	2360	2360
Maximum Gradient (degrees)	45	45	45	45
Approach Angle (degrees) 205/7.50 or 265 Tyres	48/51.450	48/51.50	48/51.50	48/51.50
Departure Angle (degrees) 205/7.50 or 265 Tyres	49/53	49/53	49/53	49/53
Ramp Break Over Angle (degrees) 205/7.50 or 265 Tyres	145/141	145/141	145/141	145/141
Minimum Ground Clearance (unladen) (mm) 205/7.50 or 265 Tyres	191/229	191/229	191/229	191/229
Wading Depth (mm)	500	500	500	500
Fuel Tank Capacity (litres)	55	55	55	55
Standard Wheel Size	5.50Fx16	5.50Fx16	5.50Fx16	5.50Fx16
Number of Seats Standard/Optional	2/3/6/7	2/3/6/7	2/3/6/7	6/7
Ave. Fuel Consumption (mph/L/100km) Tdi	28.8 (9.8)	28.8 (9.8)	28.8 (9.8)	28.8 (9.8)
Ave. Fuel Consumption (mph/L/100km) Td5	28.0 (10.1)	28.0 (10.1)	28.0 (10.1)	28.0 (10.1)
Standard Tyre Size	205/80R16	205/80R16	205/80R16	205/80R16

SEATING ARRANGEMENTS



Defender 90 Pick Up or Hard Top



Defender 90 Station Wagon

Details correct at time of going to print. We reserve the right to make alterations without notice. Based on Land Rover ROW vehicle specification 905 (LHD) and 906 (RHD). ©Copyright Conrico International August 2003.



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