

Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustration
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HELP

1994 to 1997

Capacity (cm ³) / number of cylinders		1994 / 4
Compression ratio / pressure	bar	8.5/_
Oil pressure	bar	0.7
Oil temperature	°C	80
Valve clearance - inlet	mm	0.24 - 0.28 C
Valve clearance - exhaust	mm	0.28 - 0.32 C
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	82 to 86
Radiator cap pressure	bar	0.9 - 1.0

1994 to 1997

Idle speed - manual [auto]	rpm	800±50 N/A
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		—Rover
Type / ref		MEMS MPi
Main jet / needle		—
Injection pressure	bar	3.0 ± 0.2
Pump pressure	bar	—
Octane rating	RON	95[11]

1994 to 1997

Type		MEMS
Ignition coil		Unipart/GCL 199
Primary resistance	ohms	0.71 - 0.81
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		—
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	μF	—
Rotation		Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm	14° ± 2° BTDC
V = Vacuum NV = No Vacuum		V
Total ignition advance	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	—
Spark plugs		Unipart
Type		GSP 6662
Electrode gap	mm	0.85

1994 to 1997

Battery	V / CC / RC	12v 90AH
Alternator voltage / full load current / engine rpm		-
Starter motor current / voltage - cranking	A / V	-
	A / V	-

1994 to 1997

Front (min. friction material thickness)	mm	3
Rear (min. friction material thickness)	mm	3

Types	Rear (mini motion material thickness)	mm	psi
Saloon	Size	205/50x16	
Estate / Van	Size	-	
Pressure - front / rear - Saloon	bar	2.4 / 2.2	
- Estate / Van	bar		

Front suspension / wheel alignment

Toe-in (+) / toe-out (-)	mm [°]	$+0 \pm 3 \text{ mm}$
Camber		$0 \pm 1^\circ$
Castor		$+3^\circ \pm 1^\circ$
King pin inclination		-

Rear suspension / wheel alignment

Camber - 30' ± 30'

1994 to 1997

Cylinder head - stage 1	Nm	45 oiled
- stage 2	Nm	Type A: 80. B:70
Cylinder head - stage 3	Nm	+ 90°
- stage 4	Nm	—
Big-end bearings	Nm	32
Main bearings	Nm	35 Oiled, then 75
Clutch cover	Nm	26
Flywheel [driveplate]	Nm	110 N
Front hubs	Nm	250
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	25

1994 to 1997

Engine oil & filter	litres	4.5
Gearbox - 4-speed [5-speed]	litres	2.3
Automatic transmission - refill	litres	–
Final drive	litres	WT
Cooling system	litres	7.0
Fuel tank	litres	65

Notes and Illustrations

