

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

Engine and cooling system		214 16V	1995 to 1997
Type	14K16 DOHC 16V		

Capacity (cm ³) / number of cylinders		1396 / 4
Compression ratio / pressure	bar	10.4 / _
Oil pressure	bar	1.7 to 3.5
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	88±2
Radiator cap pressure	bar	0.90 to 1.20

Fuel system	214 16V	1995 to 1997
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Idle speed - manual [auto]	rpm	875±50 N/A
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 N/A
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	4.1
Octane rating	RON	95[11]

Ignition system	214 16V	1995 to 1997
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Type		MEMS
Ignition coil		NEC 100630
Primary resistance	ohms	0.63 to 0.77
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	10°±5° BTDC @ 875±50
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		GSP6662
Electrode gap	mm	0.85

Electrical system	214 16V	1995 to 1997
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Battery	V / CC / RC	12 / 45Ah
Alternator voltage / full load current / engine rpm		_ / 65 / _
Starter motor current / voltage - cranking	A / V	-
	A / V	

Running gear	214 16V	1995 to 1997
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Running gear	214 10V	1955 to 1957
Brakes		

Front (min. friction material thickness)	mm	3.0
Rear (min. friction material thickness)	mm	2.0

Real (min. friction material thickness)	mm	2.0
Tyres		

Saloon	Size	175/65x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.1 / 2.1

- Estate / Van	bar	–
Front suspension / wheel alignment		

Toe-in (+) / Toe-out (-)	mm [°]	[-0°10'±15']
Camber		-0°20'±10'
Castor		2°±30'
King pin inclination		12°07'±30'

Rear suspension / wheel alignment	22.04.2007
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Toe-in (+) / Toe-out (-)	mm [°]	[0°16'±20']
Camber		-0°20'±10'

Torque wrench settings	314.16N	1995 to 1997
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Torque wrench settings		214 16V	1995 to 1997
Cylinder head - stage 1	Nm	20	
- stage 2	Nm	+180°	
Cylinder head - stage 3	Nm	+180°	
- stage 4	Nm	–	
Big-end bearings	Nm	20 +45°	
Main bearings	Nm	WSM	
Clutch cover	Nm	18	
Flywheel [driveplate]	Nm	85 N	
Front hubs	Nm	180 N	
Rear hubs	Nm	180 N	
Wheel nuts / bolts	Nm	110	
Spark plugs	Nm	27	

Capacities	214 16V	1995 to 1997
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	litres	4.5
Engine oil & filter	litres	4.5
Gearbox - 4-speed [5-speed]	litres	1.8
Automatic transmission - refill	litres	–
Final drive	litres	WT
Cooling system	litres	4.7
Fuel tank	litres	50

Notes and Illustrations

