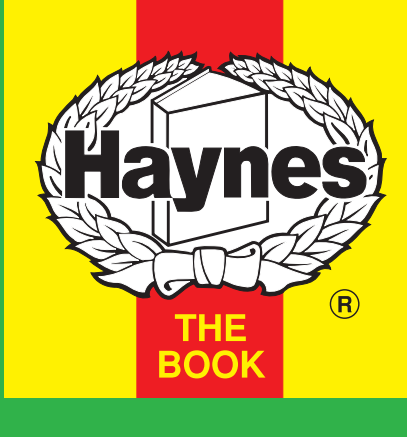


Engine & CoolingFuelIgnitionElectricalRunning gearTorque settingsCapacitiesNotes & Illustrations



Automotive Technical
DATA BOOK

Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the data screen.

MENUHELP

Engine and cooling system

Plus 4 2.0i1992 to 1997

Type		Rover 20T4 DOHC 16V T16 101kW
Capacity (cm³) / number of cylinders		1994 / 4
Compression ratio / pressure	bar	10.0 / ≥10.3
Oil pressure	bar	1.0 [3.8]
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
Radiator cap pressure	bar	1.04

Fuel system

Plus 4 2.0i1992 to 1997

Idle speed - manual [auto]	rpm	900±50 N/A
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5
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		Indirect MPI (H) with MEMS
Main jet / needle		—
Injection pressure	bar	3.0±0.2
Pump pressure	bar	5.0
Octane rating	RON	95[U]

Ignition system

Plus 4 2.0i1992 to 1997

Type		MEMS
Ignition coil		NEC10002 or 10003
Primary resistance	ohms	0.30 to 0.50
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Lucas
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation		Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm	12±5 BTDC @ 900±50 N/A
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 or GSP6962
Electrode gap	mm	1.00 to 1.10

Electrical system

Plus 4 2.0i1992 to 1997

Battery	V / CC / RC	12 / 35, 45Ah
Alternator voltage / full load current / engine rpm		13.6 to 14.4 / 55 / 2500
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gear

Plus 4 2.0i1992 to 1997

Brakes -		
Front (min. friction material thickness)	mm	1.5
Rear (min. friction material thickness)	mm	1.5

Tyres		
Saloon	Size	195/60x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.5 / 1.5
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	[+15'±10']
Camber		-30'
Castor		+4°
King pin inclination		+2°

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0
Camber		0

Torque wrench settings

Plus 4 2.0i1992 to 1997

Cylinder head - stage 1	Nm	MSPS type: 45²
- stage 2	Nm	MSPS type: 80²
Cylinder head - stage 3	Nm	MSPS type: + 90°²
- stage 4	Nm	—
Big-end bearings	Nm	55
Main bearings	Nm	110
Clutch cover	Nm	26
Flywheel [driveplate]	Nm	110
Front hubs	Nm	WSM
Rear hubs	Nm	—
Wheel nuts / bolts	Nm	Centre locking wire wheels
Spark plugs	Nm	25

Capacities

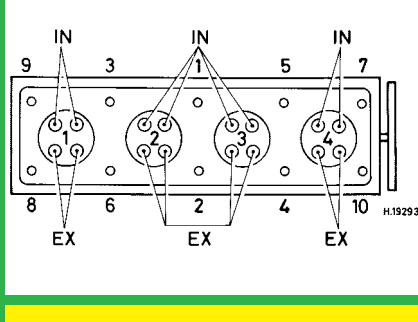
Plus 4 2.0i1992 to 1997

Engine oil & filter	litres	4.5
Gearbox - 4-speed [5-speed]	litres	2.4
Automatic transmission - refill	litres	—
Final drive	litres	1.0
Cooling system	litres	10.2
Fuel tank	litres	50 or 53

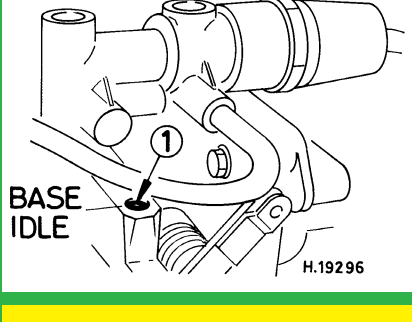
Notes and Illustrations

¹KX type: 45, 70 + 90°

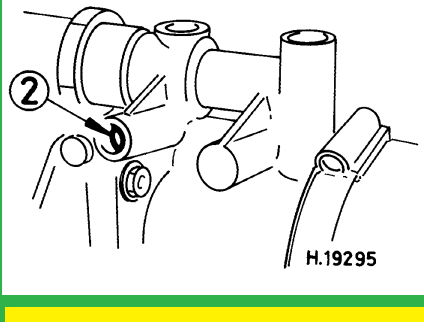
1: Idle speed2: CO / Mixture



1994 cm³



Plus 4, MPi



Plus 4, MPi