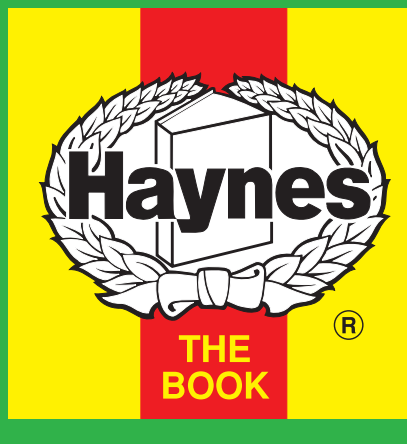


106, 1.4i CAT

1991 to 1995

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

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HELP

Engine and cooling system		106, 1.4i CAT	1991 to 1995
Type	TU25 12/17 (K57) (60kW)		

Capacity (cm ³) / number of cylinders		1360 / 4
Compression ratio / pressure	bar	9.6 / _
Oil pressure	bar	1.5 [3.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20
Valve clearance - exhaust	mm	0.40
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	1.4

Fuel system	106, 1.4i CAT	1991 to 1995
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Idle speed - manual [auto]	rpm	920±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3 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		Bosch
Type / ref		Motronic MP3.1
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	95[11]

Ignition system	106, 1.4i CAT	1991 to 1995
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Type	Static
Ignition coil	2x BAE 04
Primary resistance ohms	0.8
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	[12 to 14] Computer control
V = Vacuum NV = No Vacuum	—
Total ignition advance ° Crankshaft @ rpm	—
° 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	Eyquem/Champion
Type	RFC58LS3 / RC7BMC
Electrode gap mm	1.50 ¹

Electrical system	106, 1.4i CAT	1991 to 1995
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Battery	V / CC / RC	12 / 200 or 250 / 33Ah
Alternator voltage / full load current / engine rpm		13.8 to 14.8 / _ / 3000
Starter motor current / voltage - cranking	A / V	—
	A / V	

Running gear	106	1.4i CAT	1991 to 1995
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Refined

Brakes -			
Front (min. friction material thickness)	mm	1.0	
Rear (min. friction material thickness)	mm		

Tyros

Saloon	Size	165/65x14: 175/60x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.0 / 2.0
Estate / Van	bar	—

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+0.5±0.5 PW
Camber		-46'±30'
Castor		+2°15'±30' PAS: +3°17'
King pin inclination		+12°48'±40' PAS: +12°50'

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+1.95±0.9 PW
Camber		-1°34'±30'

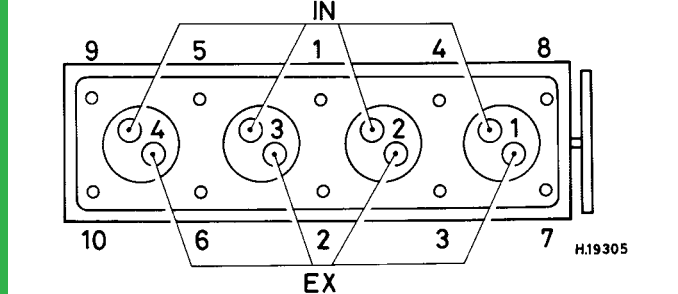
Torque wrench settings	106. 1.4i CAT	1991 to 1995
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Torque wrench settings		200, 210, 220	200 to 2000
Cylinder head - stage 1	Nm	20	
- stage 2	Nm	+ 120°	
Cylinder head - stage 3	Nm	+ 120°	
- stage 4	Nm	—	
Big-end bearings	Nm	40	
Main bearings	Nm	WSM	
Clutch cover	Nm	15	
Flywheel [driveplate]	Nm	60 LkC	
Front hubs	Nm	250	
Rear hubs	Nm	140	
Wheel nuts / bolts	Nm	85	
Spark plugs	Nm	28	

Capacities	106.14 CAT	1991 to 1995
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Capacities		200, 214, 244	2002 to 2005
Engine oil & filter	litres	3.5	
Gearbox - 4-speed [5-speed]	litres	2.0	
Automatic transmission - refill	litres	–	
Final drive	litres	WT	
Cooling system	litres	6.0	
Fuel tank	litres	45	

Notes and Illustrations

¹RC7BMC: 1.00

1360 cm³, TU3