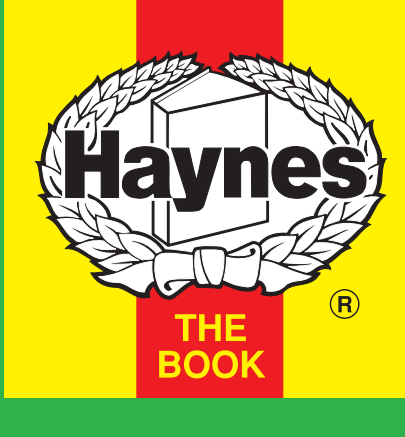


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical
DATA BOOK

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.

MENU	HELP
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Engine and cooling systemSCoupé 1.5i1992 to 1996

Type		Alpha 65kW SOHC 12V
Capacity (cm³) / number of cylinders		1495 / 4
Compression ratio / pressure	bar	10.0 / 13.2
Oil pressure	bar	0.3
Oil temperature	°C	90
Valve clearance - inlet	mm	0.25 H
Valve clearance - exhaust	mm	0.30 H
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	0.81 to 1.08

Fuel systemSCoupé 1.5i1992 to 1996

Idle speed - manual [auto]	rpm	800±100
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.2
HC @ idle speed [3000 rpm] - see page VI	ppm	≤50
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Bosch
Type / ref		Motronic MPI
Main jet / needle		—
Injection pressure	bar	3.00
Pump pressure	bar	3.3
Octane rating	RON	95[U]

Ignition systemSCoupé 1.5i1992 to 1996

Type		Motronic
Ignition coil		Diamond. Poon Sung. Dae Joon.
Primary resistance	ohms	0.50
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		—
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation		—
Ignition timing - basic [static	° Crankshaft @ rpm	9±5 BTDC @ 800±100
V = Vacuum NV = No Vacuum		—
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		NGK/Champion
Type		BKR5ES-11 / RN9YC4
Electrode gap	mm	1.00 to 1.10

Electrical systemSCoupé 1.5i1992 to 1996

Battery	V / CC / RC	12 / 380 / 80
Alternator voltage / full load current / engine rpm		14.4 / 75 / 2500
Starter motor current / voltage - cranking	A / V	60 / 11.5 (no load)
- locked	A / V	—

Running gearSCoupé 1.5i1992 to 1996

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

Tyres		
Saloon	Size	185/60x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.9 / 1.9
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+4.0 to -2.0
Camber		-10'±30'
Castor		+1°44'±30'
King pin inclination		+13°14'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+6.0 to -3.0
Camber		-40'±30'

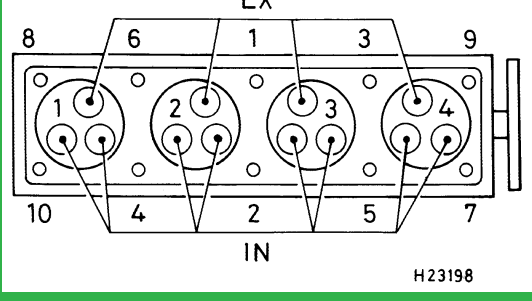
Torque wrench settingsSCoupé 1.5i1992 to 1996

Cylinder head - stage 1	Nm	35
- stage 2	Nm	70 to 75
Cylinder head - stage 3	Nm	80 to 85 H
- stage 4	Nm	—
Big-end bearings	Nm	35 to 38
Main bearings	Nm	55 to 60
Clutch cover	Nm	15 to 22
Flywheel [driveplate]	Nm	130 to 140
Front hubs	Nm	200 to 260
Rear hubs	Nm	150 to 200
Wheel nuts / bolts	Nm	90 to 110
Spark plugs	Nm	20 to 30

CapacitiesSCoupé 1.5i1992 to 1996

Engine oil & filter	litres	3.3
Gearbox - 4-speed [5-speed]	litres	2.2
Automatic transmission - refill	litres	6.1
Final drive	litres	WT
Cooling system	litres	5.5
Fuel tank	litres	45

Notes and Illustrations



1495 cm³, 12V