

Engine & Cooling

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Automotive Technical
DATA BOOK

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Engine and cooling systemAccent 1.3i1995 to 1997

Type		SOHC 62kW
Capacity (cm³) / number of cylinders		1341 / 4
Compression ratio / pressure	bar	9.5 /
Oil pressure	bar	1.5
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
Radiator cap pressure	bar	0.80 to 1.10

Fuel systemAccent 1.3i1995 to 1997

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		_ Hyundai
Type / ref		MPI
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	95[U]

Ignition systemAccent 1.3i1995 to 1997

Type		Electronic
Ignition coil		—
Primary resistance	ohms	—
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	7±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
Type		BKR5ES-11
Electrode gap	mm	1.00 to 1.10

Electrical systemAccent 1.3i1995 to 1997

Battery	V / CC / RC	12 / 45Ah
Alternator voltage / full load current / engine rpm		14.7±0.3 / 75 / _
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gearAccent 1.3i1995 to 1997

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

Tyres		
Saloon	Size	155x13
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.9 / 1.9
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0±3.0
Camber		0°±30’
Castor		2°±30’
King pin inclination		12°8’±30’

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+4.0 to 8.0
Camber		-41’±30’

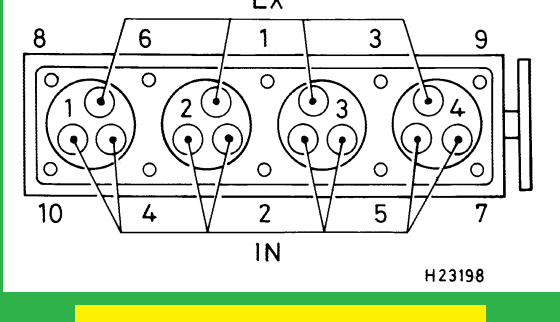
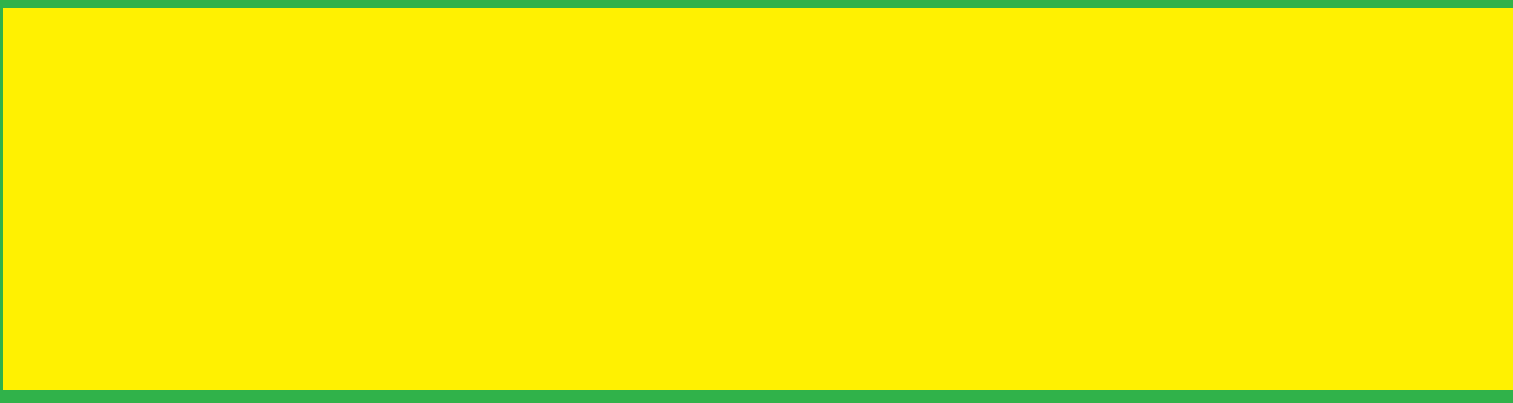
Torque wrench settingsAccent 1.3i1995 to 1997

Cylinder head - stage 1	Nm	70
- stage 2	Nm	75
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	32 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	180 to 220
Wheel nuts / bolts	Nm	100
Spark plugs	Nm	25

CapacitiesAccent 1.3i1995 to 1997

Engine oil & filter	litres	3.0
Gearbox - 4-speed [5-speed]	litres	2.2
Automatic transmission - refill	litres	—
Final drive	litres	WT
Cooling system	litres	6.0
Fuel tank	litres	45

Notes and Illustrations



1341 cm³, 12V