

Engine & Cooling

Fuel

Ignition

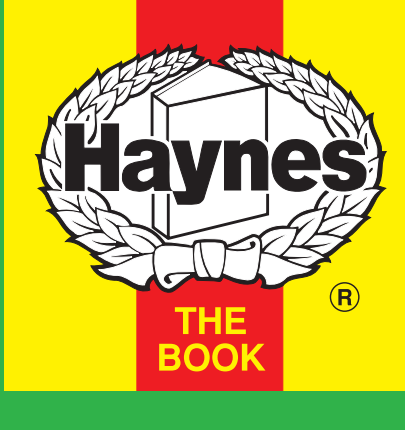
Electrical

Running gear

Torque settings

Capacities

Notes & Illustrations



Automotive Technical
DATA BOOK

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HELP

Engine and cooling system

Pride 1.3i & Van

1995 to 1997

Type		B3 SOHC 8V 46kW
Capacity (cm ³) / number of cylinders		1324 / 4
Compression ratio / pressure	bar	9.7 / 13.7
Oil pressure	bar	[≥3.4]
Oil temperature	°C	80
Valve clearance - inlet	mm	WSM
Valve clearance - exhaust	mm	WSM
Firing order		1-3-4-2
No 1 cylinder position		—
Thermostat opening temperature	°C	80.5 to 83.5
Radiator cap pressure	bar	0.74 to 1.03

Fuel system

Pride 1.3i & Van

1995 to 1997

Idle speed - manual [auto]	rpm	700±20
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		—
Type / ref		MPI
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	95[U]

Ignition system

Pride 1.3i & Van

1995 to 1997

Type		Computerized
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	10±1 BTDC @ 700±20
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/Nippon Denso
Type		BPR5ES-11 / W26EXRU-11
Electrode gap	mm	1.00 to 1.05

Electrical system

Pride 1.3i & Van

1995 to 1997

Battery	V / CC / RC	12 / 50Ah
Alternator voltage / full load current / engine rpm		45A
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gear

Pride 1.3i & Van

1995 to 1997

Brakes -		
Front (min. friction material thickness)	mm	3.0
Rear (min. friction material thickness)	mm	1.0

Tyres		
Saloon	Size	165/70x12
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 to 0.6
Camber		41'±30'
Castor		1°35'±45'
King pin inclination		—

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	3.5±30
Camber		—

Torque wrench settings

Pride 1.3i & Van

1995 to 1997

Cylinder head - stage 1	Nm	30
- stage 2	Nm	76 to 81
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	19 to 34
Main bearings	Nm	54 to 59
Clutch cover	Nm	18 to 26
Flywheel [driveplate]	Nm	96 to 103
Front hubs	Nm	157 to 235
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	88 to 118
Spark plugs	Nm	14 to 23

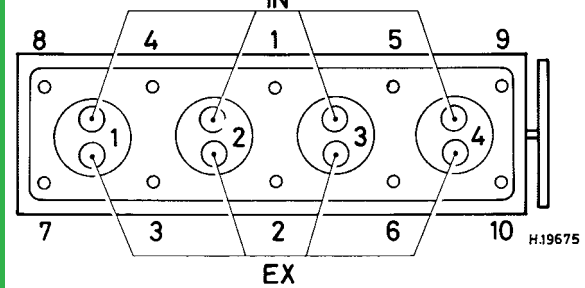
Capacities

Pride 1.3i & Van

1995 to 1997

Engine oil & filter	litres	3.4
Gearbox - 4-speed [5-speed]	litres	2.5
Automatic transmission - refill	litres	—
Final drive	litres	—
Cooling system	litres	5.0
Fuel tank	litres	38

Notes and Illustrations



1324 cm³