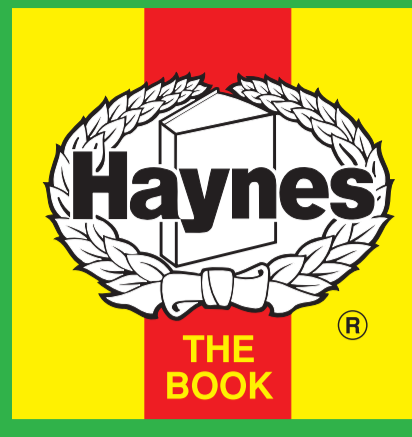


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical DATA BOOK

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**

Engine and cooling system Barchetta 1995 to 1997

Type	183 A1.000 DOHC 16V 96kW	
Capacity (cm ³) / number of cylinders	1747 / 4	
Compression ratio / pressure	bar	10.3 / _
Oil pressure	bar	_
Oil temperature	°C	_
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	_	
No 1 cylinder position	_	
Thermostat opening temperature	°C	_
Radiator cap pressure	bar	_

Fuel system Barchetta 1995 to 1997

Idle speed - manual [auto]	rpm	_
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	_
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	_Hitachi	
Type / ref	MPI	
Main jet / needle	_	
Injection pressure	bar	_
Pump pressure	bar	_
Octane rating	RON	95[U]

Ignition system Barchetta 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	_
V = Vacuum NV = No Vacuum	_	
Total ignition advance	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Vacuum range check	mbar	_
Maximum vacuum advance	° Crankshaft	_
Spark plugs	_	
Type	_	
Electrode gap	mm	_

Electrical system Barchetta 1995 to 1997

Battery	V / CC / RC	_
Alternator voltage / full load current / engine rpm	_	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear Barchetta 1995 to 1997

Brakes -		
Front (min. friction material thickness)	mm	_
Rear (min. friction material thickness)	mm	_
Tyres		
Saloon	Size	195/55x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	_
- Estate / Van	bar	_
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	_
Camber	_	
Castor	_	
King pin inclination	_	
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	_
Camber	_	

Torque wrench settings Barchetta 1995 to 1997

Cylinder head - stage 1	Nm	_
- stage 2	Nm	_
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	_
Main bearings	Nm	_
Clutch cover	Nm	_
Flywheel [driveplate]	Nm	_
Front hubs	Nm	_
Rear hubs	Nm	_
Wheel nuts / bolts	Nm	_
Spark plugs	Nm	_

Capacities Barchetta 1995 to 1997

Engine oil & filter	litres	_
Gearbox - 4-speed [5-speed]	litres	_
Automatic transmission - refill	litres	_
Final drive	litres	_
Cooling system	litres	_
Fuel tank	litres	_

Notes and Illustrations

