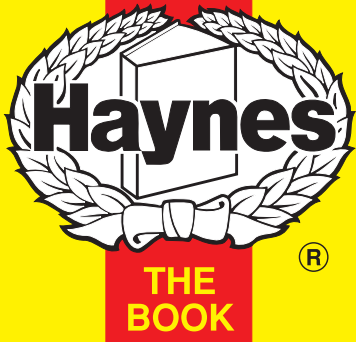


Engine & CoolingFuelIgnitionElectricalRunning gearTorque settingsCapacitiesNotes & Illustrations



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.

MENUHELP

Engine and cooling system

Piazza Turbo

1986 to 1990

Type		4Z C1T SOHC
Capacity (cm ³) / number of cylinders		1994 / 4
Compression ratio / pressure	bar	7.9 / ≥8.6
Oil pressure	bar	[3.9]
Oil temperature	°C	50
Valve clearance - inlet	mm	0.15
Valve clearance - exhaust	mm	0.25
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	82
Radiator cap pressure	bar	1.03

Fuel system

Piazza Turbo

1986 to 1990

Idle speed - manual [auto]	rpm	900±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	1.5
HC @ idle speed [3000 rpm] - see page VI	ppm	—
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Hitachi
Type / ref		I-Tec EFI + Turbo
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	3.0
Octane rating	RON	97[E 95 RON]

Ignition system

Piazza Turbo

1986 to 1990

Type		Electronic
Ignition coil		—
Primary resistance	ohms	1.13 to 1.53
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Hitachi
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	12 BTDC @ 900
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		NGK/Champion
Type		BPR6ES / N9YC
Electrode gap	mm	1.0

Electrical system

Piazza Turbo

1986 to 1990

Battery	V / CC / RC	12 / _ / 50Ah
Alternator voltage / full load current / engine rpm		14.0 to 15.0 / _ / 3000
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gear

Piazza Turbo

1986 to 1990

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

Tyres		
Saloon	Size	195/60x14
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 to +3.0
Camber		-1° to +30'
Castor		+3°30' to 6°
King pin inclination		+8°

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

Torque wrench settings

Piazza Turbo

1986 to 1990

Cylinder head - stage 1	Nm	59
- stage 2	Nm	78
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	59
Main bearings	Nm	98
Clutch cover	Nm	18
Flywheel [driveplate]	Nm	54
Front hubs	Nm	WSM
Rear hubs	Nm	—
Wheel nuts / bolts	Nm	118
Spark plugs	Nm	—

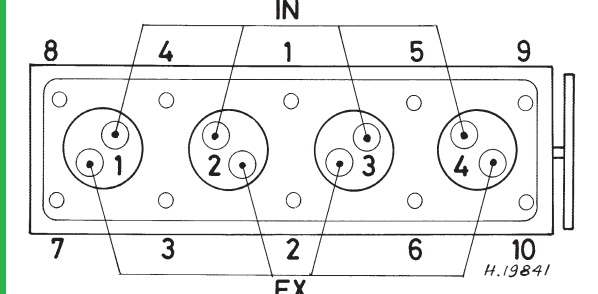
Capacities

Piazza Turbo

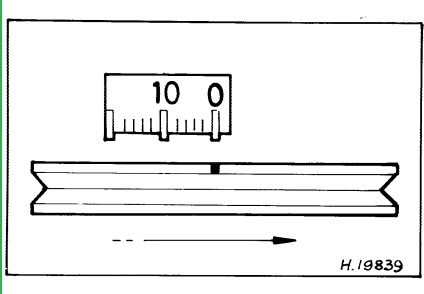
1986 to 1990

Engine oil & filter	litres	3.4
Gearbox - 4-speed [5-speed]	litres	1.6
Automatic transmission - refill	litres	6.3
Final drive	litres	1.5
Cooling system	litres	9.6 [AT: 9.0]
Fuel tank	litres	58

Notes and Illustrations



1994 cm³



1994 cm³