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

		Hi-Jet 1995 to 1997
Type		CB42
Capacity (cm³) / number of cylinders		993 / 3
Compression ratio / pressure	bar	9.3 / 12.3
Oil pressure	bar	3.6
Oil temperature	°C	80
Valve clearance - inlet	mm	0.2 ± 0.05 H
Valve clearance - exhaust	mm	0.2 ± 0.05 H
Firing order		1-2-3
No 1 cylinder position		TBE
Thermostat opening temperature	°C	88 ± 2
Radiator cap pressure	bar	0.9

Fuel system

		Hi-Jet 1995 to 1997
Idle speed - manual [auto]	rpm	900±50
Fast idle speed - manual [auto]	rpm	2200 ± 200
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 N/A
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		_Nippon Denso
Type / ref		MPI
Main jet / needle		_
Injection pressure	bar	0.40 to 0.41
Pump pressure	bar	_
Octane rating	RON	95[U]

Ignition system

		Hi-Jet 1995 to 1997
Type		Electronic
Ignition coil		Diamond
Primary resistance	ohms	_
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Nippon Denso
Points gap (air gap)	mm	[0.2 to 0.4]
Dwell angle	° (%)	10° to 18°
Condenser capacity	µF	_
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	6±2 BTDC @ 900±50 N/A
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		BPR5EY/RN9YC
Electrode gap	mm	0.70 to 0.80

Electrical system

		Hi-Jet 1995 to 1997
Battery	V / CC / RC	12 / 34Ah
Alternator voltage / full load current / engine rpm		14.2 to 14.8V / 40A
Starter motor current / voltage - cranking	A / V	_
Starter motor current / voltage - locked	A / V	_

Running gear

		Hi-Jet 1995 to 1997
Brakes -		
Front (min. friction material thickness)	mm	1.0
Rear (min. friction material thickness)	mm	1.0
Tyres		
Saloon	Size	_
Estate / Van	Size	155x12
Pressure - front / rear - Saloon	bar	_
- Estate / Van	bar	Refer to vehicle
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+2.0 +1.5 -1.0
Camber		+1° +40' -50'
Castor		3°2' ± 1.0°
King pin inclination		11°25'±1°
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	_
Camber		_

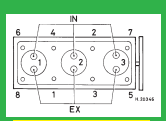
Torque wrench settings

		Hi-Jet 1995 to 1997
Cylinder head - stage 1	Nm	54 to 64
Cylinder head - stage 2	Nm	_
Cylinder head - stage 3	Nm	_
Cylinder head - stage 4	Nm	_
Big-end bearings	Nm	23.5 to 30.4
Main bearings	Nm	53 to 64.7
Clutch cover	Nm	7 to 10
Flywheel [driveplate]	Nm	39.2 to 49
Front hubs	Nm	WSM
Rear hubs	Nm	_
Wheel nuts / bolts	Nm	54
Spark plugs	Nm	14.7 to 21.6

Capacities

		Hi-Jet 1995 to 1997
Engine oil & filter	litres	3.1
Gearbox - 4-speed [5-speed]	litres	[0.7]
Automatic transmission - refill	litres	_
Final drive	litres	1.2
Cooling system	litres	4.6 van/4.4 P-up
Fuel tank	litres	36

Notes and Illustrations



993 cm³

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