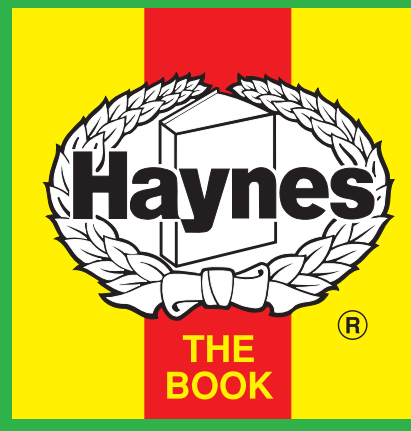


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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## Automotive Technical DATA BOOK

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.

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HELP

### Engine and cooling system 406, 2.0 16V 1995 to 1997

Type	XU10J4RL/Z/L3 RFV/R6E DOHC 16V	
Capacity (cm <sup>3</sup> ) / number of cylinders	1998 / 4	
Compression ratio / pressure	bar	10.4 /
Oil pressure	bar	3.0 (5.0)
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hydraulic adjusters
Valve clearance - exhaust	mm	0: Hydraulic adjusters
Firing order	1-3-4-2	
No 1 cylinder position	FE	
Thermostat opening temperature	°C	83
Radiator cap pressure	bar	1.4

### Fuel system 406, 2.0 16V 1995 to 1997

Idle speed - manual [auto]	rpm	850±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
O <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	_ Bosch	
Type / ref	MP5.1.1	
Main jet / needle	—	
Injection pressure	bar	2.7 to 3.3
Pump pressure	bar	—
Octane rating	RON	95[U]

### Ignition system 406, 2.0 16V 1995 to 1997

Type	Motronic	
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	Computer control 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	Bosch/Champion	
Type	FR8LDC / RC9YCC	
Electrode gap	mm	0.90

### Electrical system 406, 2.0 16V 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 406, 2.0 16V 1995 to 1997

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.0

<b>Tyres</b>		
Saloon	Size	195/65x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	—

<b>Front suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	0.0±0.5
Camber	0°±30'	
Castor	3°30'±30'	
King pin inclination	11°30'±30'	

<b>Rear suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	1.5±0.5
Camber	1°50'±30'	

### Torque wrench settings 406, 2.0 16V 1995 to 1997

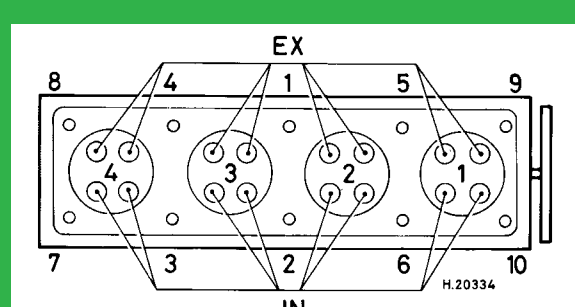
Cylinder head - stage 1	Nm	35 <sup>1</sup>
- stage 2	Nm	70
Cylinder head - stage 3	Nm	+160°
- stage 4	Nm	—
Big-end bearings	Nm	20 +70°
Main bearings	Nm	70
Clutch cover	Nm	—
Flywheel [driveplate]	Nm	50 LcK
Front hubs	Nm	325
Rear hubs	Nm	275
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	27

### Capacities 406, 2.0 16V 1995 to 1997

Engine oil & filter	litres	4.25
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	—
Final drive	litres	WT
Cooling system	litres	7.8
Fuel tank	litres	70

### Notes and Illustrations

<sup>1</sup>Bolt shank length ≤112 mm



1998 cm<sup>3</sup>, 16V