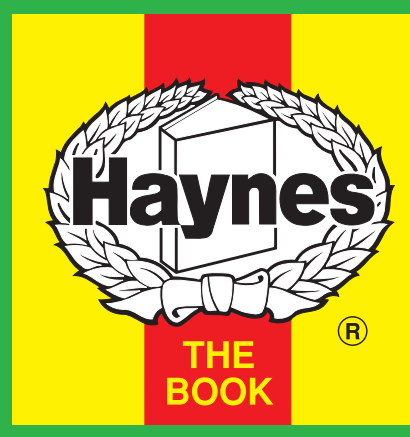


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
------------------	------	----------	------------	--------------	-----------------	------------	-----------------------



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.

MENU

HELP

Engine and cooling system 406, 2.0 Turbo 1996 to 1997

Type	XU10J2TE/L3 RGX 8V 112kW	
Capacity (cm ³) / number of cylinders	1998 / 4	
Compression ratio / pressure	bar	8.0 / _
Oil pressure	bar	2.1 [5.2]
Oil temperature	°C	90
Valve clearance - inlet	mm	0.20±0.05
Valve clearance - exhaust	mm	0.40±0.05
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 Turbo 1996 to 1997

Idle speed - manual [auto]	rpm	800±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.4 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤100
CO ₂ @ idle speed [3000 rpm] - see page VI	%	≥11.0
O ₂ @ 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 Turbo 1996 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 V = Vacuum NV = No Vacuum]	° Crankshaft @ rpm	Computer control N/A
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	Eyquem	
Type	RFC58LS2E	
Electrode gap	mm	0.80

Electrical system 406, 2.0 Turbo 1996 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 Turbo 1996 to 1997

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.0

Tyres		
Saloon	Size	195/65x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	_

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	0.0±0.5
Camber		0°±30'
Castor		3°30'±30'
King pin inclination		11°30'±30'

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	1.5±0.5
Camber		1°50'±30'

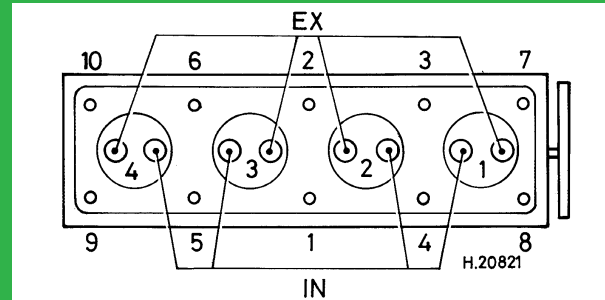
Torque wrench settings 406, 2.0 Turbo 1996 to 1997

Cylinder head - stage 1	Nm	35 N
- 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	20
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 Turbo 1996 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



1998 cm³ 8V