

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 XM 2.0i Turbo CT 1994 to 1997

Type		XU10J2TE/L/Z/L3 (RGX) 108kW
Capacity (cm ³) / number of cylinders		1998 / 4
Compression ratio / pressure	bar	7.9 / _
Oil pressure	bar	[6.4]
Oil temperature	°C	80
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	89
Radiator cap pressure	bar	1.4

Fuel system XM 2.0i Turbo CT 1994 to 1997

Idle speed - manual [auto]	rpm	800±50. A/C: 900±50. [850±50]
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤300
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		MP3.2-Motronic
Main jet / needle		_
Injection pressure	bar	3.0
Pump pressure	bar	2.8 to 3.2
Octane rating	RON	95[U]

Ignition system XM 2.0i Turbo CT 1994 to 1997

Type		Static
Ignition coil		2xValeo BAE04
Primary resistance	ohms	0.5 to 0.8
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		Eyquem/Bosch
Type		RFC58LS2E / FR6LDC
Electrode gap	mm	0.90

Electrical system XM 2.0i Turbo CT 1994 to 1997

Battery	V / CC / RC	12 / 250, 300 / _
Alternator voltage / full load current / engine rpm		13.5 / 80. A/C: 90 / 3000
Starter motor current / voltage - cranking	A / V	300
- locked	A / V	_

Running gear XM 2.0i Turbo CT 1994 to 1997

Brakes -		
Front (min. friction material thickness)	mm	3.0
Rear (min. friction material thickness)	mm	2.0
Tyres		
Saloon	Size	205/60x15
Estate / Van	Size	205/60x15
Pressure - front / rear - Saloon	bar	2.4 / 2.0
- Estate / Van	bar	2.4 / 2.4
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0 to -3.0
Camber		0'±30' N/A
Castor		+2°30'±30' N/A
King pin inclination		+13°15' N/A
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+0.5 to 6.5 N/A
Camber		+50'±20' N/A

Torque wrench settings XM 2.0i Turbo CT 1994 to 1997

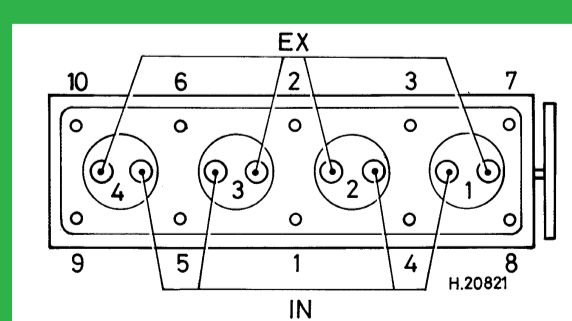
Cylinder head - stage 1	Nm	Bolts ≤122mm: 35
- stage 2	Nm	70
Cylinder head - stage 3	Nm	+160°
- stage 4	Nm	_
Big-end bearings	Nm	40, slacken, 20 + 70°
Main bearings	Nm	70
Clutch cover	Nm	20
Flywheel [driveplate]	Nm	50 LkC
Front hubs	Nm	320
Rear hubs	Nm	275
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	25

Capacities XM 2.0i Turbo CT 1994 to 1997

Engine oil & filter	litres	4.75. A/C: 4.5
Gearbox - 4-speed [5-speed]	litres	1.9
Automatic transmission - refill	litres	2.4
Final drive	litres	WT
Cooling system	litres	10.8. A/C: 11.3
Fuel tank	litres	80

Notes and Illustrations

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1998 cm³, SOHC 8V