

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

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HELP

Engine and cooling system XM, 2.0i 1991 to 1992

Type	XU10J2 (R6A) 94kW 15.04	
Capacity (cm ³) / number of cylinders	1998 / 4	
Compression ratio / pressure	bar	8.8 / _
Oil pressure	bar	[4.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.15 to 0.25
Valve clearance - exhaust	mm	0.35 to 0.45
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 1991 to 1992

Idle speed - manual [auto]	rpm	850±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤100
CO ₂ @ idle speed [3000 rpm] - see page VI	%	_
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	_	
Type / ref	MM BA MPI	
Main jet / needle	_	
Injection pressure	bar	2.5 to 3.0
Pump pressure	bar	3.0
Octane rating	RON	98[E 95 RON]

Ignition system XM, 2.0i 1991 to 1992

Type	Static	
Ignition coil	2x Valeo BAE 04	
Primary resistance	ohms	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	N/A
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	Bosch/Champion	
Type	F6DCOR / C7YCX	
Electrode gap	mm	0.80

Electrical system XM, 2.0i 1991 to 1992

Battery	V / CC / RC	12 / 250 / _, 300 / _
Alternator voltage / full load current / engine rpm	13.5 / 75, 90 / 3000	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear XM, 2.0i 1991 to 1992

Brakes -		
Front (min. friction material thickness)	mm	3.0
Rear (min. friction material thickness)	mm	2.0
Tyres		
Saloon	Size	195/60x15
Estate / Van	Size	195/65x15
Pressure - front / rear - Saloon	bar	2.1 / 1.9 ¹
- Estate / Van	bar	2.3 / 2.3
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0 to -3.0
Camber	0±30' ² N/A	
Castor	+2°30'±30' N/A	
King pin inclination	+13°14' ³ 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 1991 to 1992

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

Capacities XM, 2.0i 1991 to 1992

Engine oil & filter	litres	5.4
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	2.0
Final drive	litres	WT
Cooling system	litres	7.3. A/C: 8.2
Fuel tank	litres	80

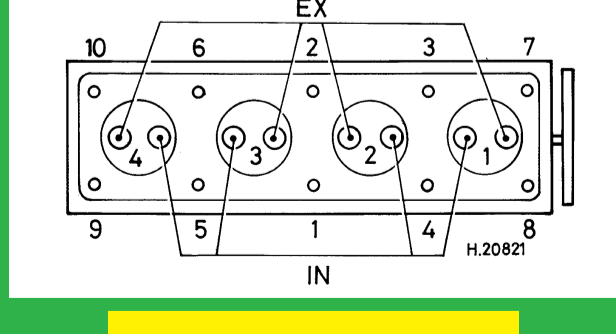
Notes and Illustrations

¹A/C: 2.2 / 1.9

²Hydractive suspension: -15'±30'

³Hydractive suspension: +13°28'

⁴20 + 70°



1998 cm³, 8V