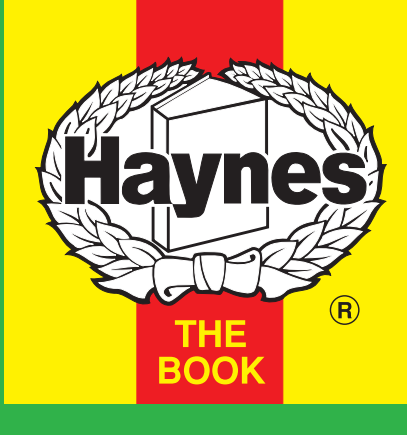


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical
DATA BOOK

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MENU	HELP
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Engine and cooling systemXM 2.0i CAT1990 to 1993

Type		XU10M (RDZ) 79kW US83
Capacity (cm³) / number of cylinders		1998 / 4
Compression ratio / pressure	bar	8.8 / _
Oil pressure	bar	[≥4.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20±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 systemXM 2.0i CAT1990 to 1993

Idle speed - manual [auto]	rpm	850±50
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
CO2 @ idle speed [3000 rpm] - see page VI	%	N/A
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		_
Type / ref		Monopoint G5
Main jet / needle		_
Injection pressure	bar	0.8
Pump pressure	bar	_
Octane rating	RON	95[U]

Ignition systemXM 2.0i CAT1990 to 1993

Type		Static
Ignition coil		Ducellier BTR05. Valeo BAE04
Primary resistance	ohms	_
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Ducellier
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	_
	° 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/Champion
Type		FC52LS / C9YCX
Electrode gap	mm	0.70

Electrical systemXM 2.0i CAT1990 to 1993

Battery	V / CC / RC	12 / 250 / _, 300 / _
Alternator voltage / full load current / engine rpm		13.5 / 70 / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gearXM 2.0i CAT1990 to 1993

Brakes -		
Front (min. friction material thickness)	mm	3.0
Rear (min. friction material thickness)	mm	2.0

Tyres		
Saloon	Size	175/70x15: 185/65x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	1.9 / 1.7
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0 to -3.0
Camber		0±30' ¹ N/A
Castor		+2°30'±30' N/A
King pin inclination		+13°14' ² 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 settingsXM 2.0i CAT1990 to 1993

Cylinder head - stage 1	Nm	40 oiled
- stage 2	Nm	70
Cylinder head - stage 3	Nm	+ 160°
- stage 4	Nm	_
Big-end bearings	Nm	40, loosen, then ³
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

CapacitiesXM 2.0i CAT1990 to 1993

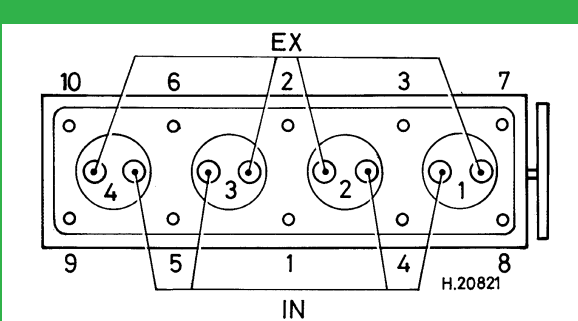
Engine oil & filter	litres	5.4
Gearbox - 4-speed [5-speed]	litres	1.8
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	7.3. A/C: 8.25
Fuel tank	litres	80

Notes and Illustrations

¹Hydractive suspension: -15'±30'

²Hydractive suspension: +13°28'

³20 + 70°



1998 cm³, 8V