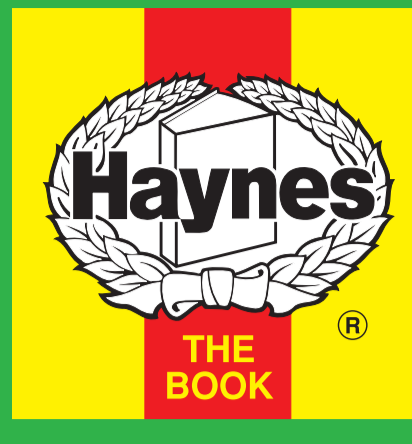


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
------------------	------	----------	------------	--------------	-----------------	------------	-----------------------



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 XM V6 24V CAT 1990 to 1994

Type	ZPJ4 (SKZ) 24V 147kW US83	
Capacity (cm ³) / number of cylinders	2975 / 6	
Compression ratio / pressure	bar	9.4 / _
Oil pressure	bar	[5.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-6-3-5-2-4	
No 1 cylinder position	FEL	
Thermostat opening temperature	°C	83. 91 ▶: 78
Radiator cap pressure	bar	1.4

Fuel system XM V6 24V CAT 1990 to 1994

Idle speed - manual [auto]	rpm	750 (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	≤300
CO ₂ @ idle speed [3000 rpm] - see page VI	%	≥11.0
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	Siemens Bendix	
Type / ref	Fenix 4	
Main jet / needle	_	
Injection pressure	bar	3.0
Pump pressure	bar	3.0
Octane rating	RON	95[U]

Ignition system XM V6 24V CAT 1990 to 1994

Type	Computerized	
Ignition coil	Bosch 0 221 122 411	
Primary resistance	ohms	0.5
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor	Bosch	
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	RFC58LS3 / RC7BMC	
Electrode gap	mm	1.0±0.1 ¹

Electrical system XM V6 24V CAT 1990 to 1994

Battery	V / CC / RC	12 / 300, 400 / _
Alternator voltage / full load current / engine rpm	13.5 / 75 / 3000	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear XM V6 24V CAT 1990 to 1994

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	_
Pressure - front / rear - Saloon	bar	2.2 / 1.9
- Estate / Van	bar	_

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	0 to -3.0
Camber	-15'±30' N/A	
Castor	+2°30'±30' N/A	
King pin inclination	+13°28' 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 V6 24V CAT 1990 to 1994

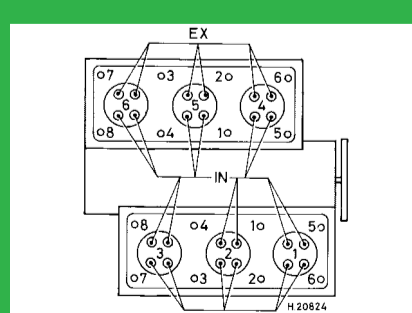
Cylinder head - stage 1	Nm	60
- stage 2	Nm	Slacken
Cylinder head - stage 3	Nm	40
- stage 4	Nm	+ 180°
Big-end bearings	Nm	20 + 75°
Main bearings	Nm	30 + 75°
Clutch cover	Nm	20
Flywheel [driveplate]	Nm	50 LkC
Front hubs	Nm	320
Rear hubs	Nm	275
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	15

Capacities XM V6 24V CAT 1990 to 1994

Engine oil & filter	litres	7.0
Gearbox - 4-speed [5-speed]	litres	1.9
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	10.0
Fuel tank	litres	80

Notes and Illustrations

¹RC7BMC: 1.6



2975 cm³, 24V