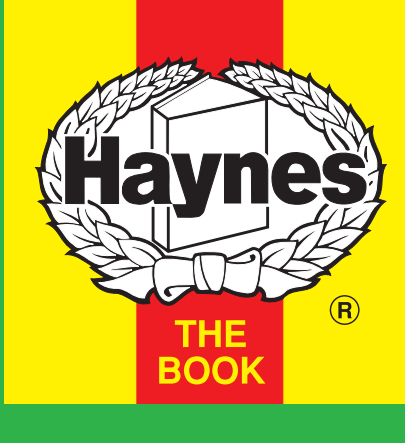




Automotive
Technical
DATA BOOK

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

1994 to 1997

Type		ZPJ4/Z (UKZ) DOHC 24V 147kW US
Capacity (cm³) / number of cylinders		2963 / 6
Compression ratio / pressure	bar	9.5 / _
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	78
Radiator cap pressure	bar	1.4

Fuel system

XM V6 24V

1994 to 1997

Idle speed - manual [auto]	rpm	750±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	≤300
CO2 @ idle speed [3000 rpm] - see page VI	%	≥11.0
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		_Siemens Bendix
Type / ref		Fenix 4 B
Main jet / needle		_
Injection pressure	bar	3.0
Pump pressure	bar	3.0
Octane rating	RON	95[U]

Ignition system

XM V6 24V

1994 to 1997

Type		Fenix
Ignition coil		Bosch
Primary resistance	ohms	0.5
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/Champion
Type		RFC58LS3 / RC7BMC
Electrode gap	mm	1.00±0.01. RC7BMC: 1.60

Electrical system

XM V6 24V

1994 to 1997

Battery	V / CC / RC	12 / 300, 400 / _
Alternator voltage / full load current / engine rpm		13.5 / 90 / 3000
Starter motor current / voltage - cranking	A / V	300
- locked	A / V	_

Running gear

XM V6 24V

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	_
Pressure - front / rear - Saloon	bar	2.6 / 1.9
- Estate / Van	bar	_

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 V6 24V

1994 to 1997

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	25

Capacities

XM V6 24V

1994 to 1997

Engine oil & filter	litres	6.5
Gearbox - 4-speed [5-speed]	litres	1.85
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	12.0
Fuel tank	litres	80

Notes and Illustrations

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