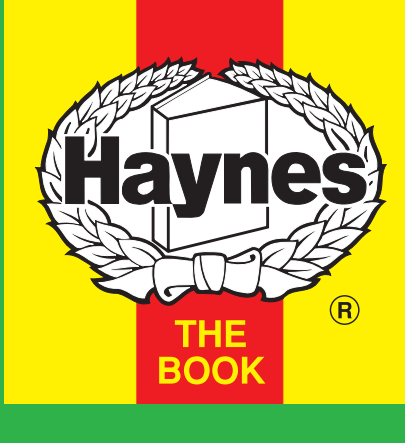




Automotive Technical

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.

MENUHELP

Engine and cooling system

ZX 1.4i CAT

1992 to 1996

Type		TU3MC/L/Z (KDX) 55kW EEC96
Capacity (cm³) / number of cylinders		1360 / 4
Compression ratio / pressure	bar	9.3 / _
Oil pressure	bar	[4.0]
Oil temperature	°C	90
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

ZX 1.4i CAT

1992 to 1996

Idle speed - manual [auto]	rpm	850 ± 50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	_
HC @ idle speed [3000 rpm] - see page VI	ppm	_
CO2 @ idle speed [3000 rpm] - see page VI	%	≥11.0
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Bosch¹
Type / ref		MA 3.0 Monopoint SPI¹
Main jet / needle		_
Injection pressure	bar	1.0. MMG6: 0.8
Pump pressure	bar	1.1
Octane rating	RON	95[U]

Ignition system

ZX 1.4i CAT

1992 to 1996

Type		Static
Ignition coil		BAE 04, 4 output
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	4 BTDC @ 850 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/Eyquem
Type		FR7LDC / RFC52LSP
Electrode gap	mm	0.80 to 0.90

Electrical system

ZX 1.4i CAT

1992 to 1996

Battery	V / CC / RC	(12L1 200, 12L1 250)
Alternator voltage / full load current / engine rpm		13.8 to 14.5 / 70 / 1800
Starter motor current / voltage - cranking	A / V	275 / 12
- locked	A / V	220 / _

Running gear

ZX 1.4i CAT

1992 to 1996

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	1.0

Tyres		
Saloon	Size	165/70x13: 175/65x14
Estate / Van	Size	175/65x14
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	Refer to car

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-1.0 to -3.0. PAS: +1.0 to 3.0
Camber		0±40' N/A
Castor		+1°30'±40'. PAS: +3°±40' N/A
King pin inclination		+10°45'±40'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+2.5 to 6.0
Camber		-1°±40'

Torque wrench settings

ZX 1.4i CAT

1992 to 1996

Cylinder head - stage 1	Nm	20
- stage 2	Nm	+ 240°
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	40
Main bearings	Nm	20 + 45°
Clutch cover	Nm	35
Flywheel [driveplate]	Nm	65 LkC
Front hubs	Nm	240
Rear hubs	Nm	200
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	25

Capacities

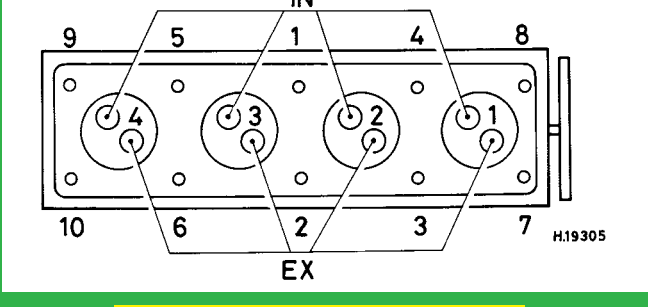
ZX 1.4i CAT

1992 to 1996

Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	6.5. A/C to 93: 7.5
Fuel tank	litres	56. 96 ►: 54

Notes and Illustrations

¹or: Magneti-Marelli MMG6-14



1360 cm³