

[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 ZX 1.4i CAT 1992 to 1996

Type	TU3MC/L/Z (KDX) 55kW EEC96	
Capacity (cm ³) / 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	_
CO ₂ @ idle speed [3000 rpm] - see page VI	%	≥11.0
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	Bosch ¹	
Type / ref	MA 3.0 Monopoint SPI ¹	
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

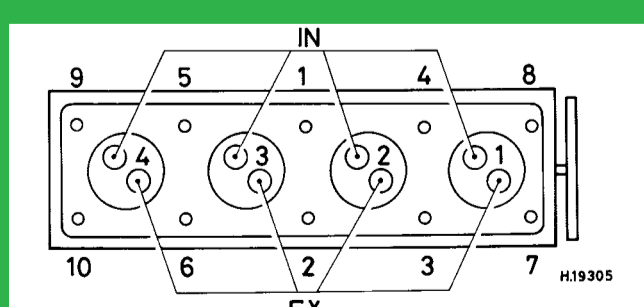
Cylinder head - stage 1	Nm	20
- stage 2	Nm	+ 240°
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	40
Main bearings	Nm	20 + 45°
Clutch cover	Nm	35
Flywheel [driveplate]	Nm	65 LkC
Front hubs	Nm	240
Rear hubs	Nm	200
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	25

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

¹For: Magneti-Marelli MMG6-14



1360 cm³