

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 AX 1.4i CAT & 4x4 1992 to 1996

Type		TU3FM/Z/L (KDY) EEC93 55kW
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	90 to 95
Radiator cap pressure	bar	1.0. 92 ▶: 1.4

Fuel system AX 1.4i CAT & 4x4 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	≤1200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	≥11.0
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Bosch
Type / ref		A2.2 Mono-Jetronic SPI
Main jet / needle		_
Injection pressure	bar	1.0
Pump pressure	bar	1.1
Octane rating	RON	95[U]

Ignition system AX 1.4i CAT & 4x4 1992 to 1996

Type		Electronic - Hall effect
Ignition coil		BTR 02. 91 ▶: BTR 05
Primary resistance	ohms	0.8
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Ducellier/Bosch
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm	8±2 BTDC @ idle
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	C060-D049
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	0 @ 1000 to 1800
	° Crankshaft @ rpm	6 to 10 @ 3000
	° Crankshaft @ rpm	22 to 26 @ 6200
Vacuum range check	mbar	130 to 640
Maximum vacuum advance	° Crankshaft	20 to 24
Spark plugs		Bosch/Eyquem
Type		FR7LDC / RFC52LSP
Electrode gap	mm	0.90

Electrical system AX 1.4i CAT & 4x4 1992 to 1996

Battery	V / CC / RC	12 / 150 / _
Alternator voltage / full load current / engine rpm		13.5 / 70 / 3650
Starter motor current / voltage - cranking	A / V	275 / 12
- locked	A / V	220 / _

Running gear AX 1.4i CAT & 4x4 1992 to 1996

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	1.0
Tyres		
Saloon	Size	155/70x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	1.9 / 1.9
- Estate / Van	bar	_
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-0.5 to -3.5. 4x4:-1.0 to -4.0
Camber		-30'±30'. 4x4: 0±30'
Castor		+2°15'±1°. 4x4: +2°10'±30'
King pin inclination		+12.58°
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.8 to 5.4. 4x4: 1.0 to 8.0
Camber		-1°15'±30'

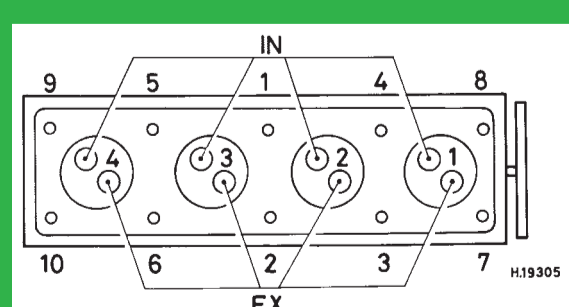
Torque wrench settings AX 1.4i CAT & 4x4 1992 to 1996

Cylinder head - stage 1	Nm	20
- stage 2	Nm	+ 120°
Cylinder head - stage 3	Nm	+ 120°
- stage 4	Nm	_
Big-end bearings	Nm	40
Main bearings	Nm	20 + 45°
Clutch cover	Nm	13
Flywheel [driveplate]	Nm	65 LkC
Front hubs	Nm	250
Rear hubs	Nm	140
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	25

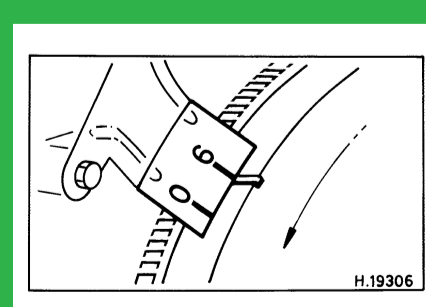
Capacities AX 1.4i CAT & 4x4 1992 to 1996

Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.0. 4x4: 2.6
Automatic transmission - refill	litres	_
Final drive	litres	WT. 4x4 rear: 0.8
Cooling system	litres	4.8
Fuel tank	litres	43

Notes and Illustrations



1360 cm³



1360 cm³