

Engine & Cooling

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Automotive Technical
DATA BOOK

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Engine and cooling system106, 1.4i1991 to 1992

Type	TU3FJ2/K (K6B) (72kW)	
Capacity (cm³) / number of cylinders	1360 / 4	
Compression ratio / pressure	bar	9.6 / _
Oil pressure	bar	1.5 [3.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20
Valve clearance - exhaust	mm	0.40
Firing order	1-3-4-2	
No 1 cylinder position	FE	
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	1.4

Fuel system106, 1.4i1991 to 1992

Idle speed - manual [auto]	rpm	920±50
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	1.0±0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	≥10.0
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	Bosch	
Type / ref	Motronic MP3.1	
Main jet / needle	_	
Injection pressure	bar	_
Pump pressure	bar	_
Octane rating	RON	97[E 95 RON]

Ignition system106, 1.4i1991 to 1992

Type	Static	
Ignition coil	2x BAE 04	
Primary resistance	ohms	0.8
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor	_	
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation	Anticlockwise	
Ignition timing - basic [static	° Crankshaft @ rpm	[12 to 14] Computer control
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	1.50 ¹

Electrical system106, 1.4i1991 to 1992

Battery	V / CC / RC	12 / 200 / 33Ah
Alternator voltage / full load current / engine rpm	13.8 to 14.8 / _ / 3000	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear106, 1.4i1991 to 1992

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

Tyres		
Saloon	Size	165/65x14: 175/60x14
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.0 / 2.0
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+0.5±0.5 PW
Camber	-46'±30'	
Castor	+2°15'±30'	
King pin inclination	+12°49'±40'	

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.95±0.9 PW
Camber	-1°34'±30'	

Torque wrench settings106, 1.4i1991 to 1992

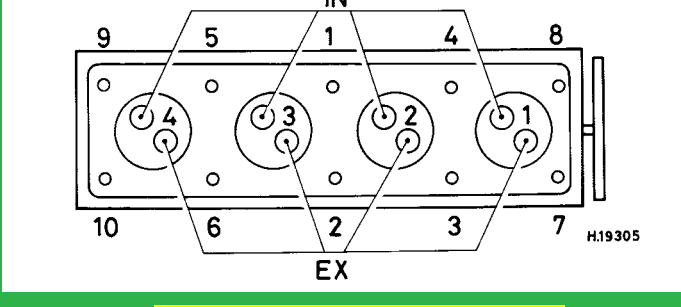
Cylinder head - stage 1	Nm	20
- stage 2	Nm	+ 120°
Cylinder head - stage 3	Nm	+ 120°
- stage 4	Nm	_
Big-end bearings	Nm	40
Main bearings	Nm	WSM
Clutch cover	Nm	15
Flywheel [driveplate]	Nm	60 LkC
Front hubs	Nm	250
Rear hubs	Nm	140
Wheel nuts / bolts	Nm	85
Spark plugs	Nm	28

Capacities106, 1.4i1991 to 1992

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	6.0
Fuel tank	litres	45

Notes and Illustrations

¹RC7BMC: 1.00



1360 cm³, TU3