

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

900 2.0i 1993 to 1997

Type	B202i DOHC 16V 104kW	
Capacity (cm <sup>3</sup> ) / number of cylinders	1985 / 4	
Compression ratio / pressure	bar	10.1 / ≥10.0
Oil pressure	bar	[2.7]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
- exhaust	mm	0: Hyd.
Firing order	1-3-4-2	
No 1 cylinder position	TCE	
Thermostat opening temperature	°C	87 to 91
Radiator cap pressure	bar	0.9 to 1.2

## Fuel system

900 2.0i 1993 to 1997

Idle speed - manual [auto]	rpm	900±50 N/A
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	≥14.0
O <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	Bosch	
Type / ref	Motronic	
Main jet / needle	—	
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	95[U]

## Ignition system

900 2.0i 1993 to 1997

Type	Motronic	
Ignition coil	Bosch	
Primary resistance	ohms	—
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor	Bosch	
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation	Anticlockwise	
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	NGK/Champion	
Type	BCP5EV / C7GY	
Electrode gap	mm	0.60

## Electrical system

900 2.0i 1993 to 1997

Battery	V / CC / RC	12 / 60Ah
Alternator voltage / full load current / engine rpm	13.9 to 14.8 / 70 / 2500	
Starter motor current / voltage - cranking	A / V	315 / 9.0
- locked	A / V	650 to 750 / 4.0

## Running gear

900 2.0i 1993 to 1997

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	4.0
Rear (min. friction material thickness)	mm	4.0

<b>Tyres</b>		
Saloon	Size	195/60x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	—

## Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+1.5±0.5
Camber	-0°30'±20'	
Castor	2°08'±20'	
King pin inclination	13°18'	

## Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	1.0±2.0
Camber	-2°12'	

## Torque wrench settings

900 2.0i 1993 to 1997

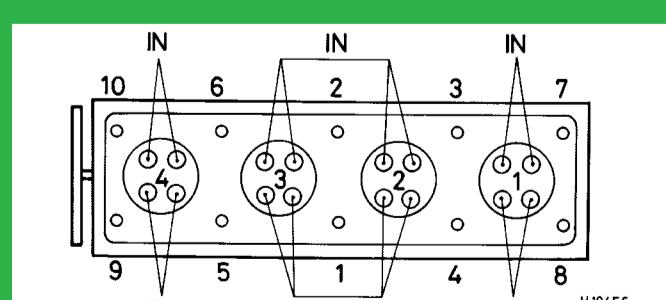
Cylinder head - stage 1	Nm	60
- stage 2	Nm	80
- stage 3	Nm	Warm up, then cool, slacken
- stage 4	Nm	80 + 90°
Big-end bearings	Nm	55
Main bearings	Nm	110
Clutch cover	Nm	22±2
Flywheel [driveplate]	Nm	60
Front hubs	Nm	290
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	90 to 110
Spark plugs	Nm	25 to 29

## Capacities

900 2.0i 1993 to 1997

Engine oil & filter	litres	4.0
Gearbox - 4-speed [5-speed]	litres	2.5
Automatic transmission - refill	litres	2.5 to 3.0
Final drive	litres	WT
Cooling system	litres	8.5
Fuel tank	litres	68

## Notes and Illustrations

1985 cm<sup>3</sup>, 16V