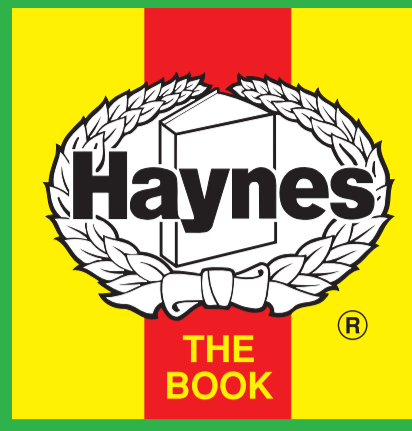


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## Automotive Technical DATA BOOK

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### Engine and cooling system Coupé 2.0 20V 1997

Type	DOHC 20V 108kW	
Capacity (cm <sup>3</sup> ) / number of cylinders	1998 / 5	
Compression ratio / pressure	bar	10.0 / _
Oil pressure	bar	[4.0]
Oil temperature	°C	100
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-2-4-5-3	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	81
Radiator cap pressure	bar	0.98

### Fuel system Coupé 2.0 20V 1997

Idle speed - manual [auto]	rpm	750±50
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	%	≥13.0
O <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	_ Bosch	
Type / ref	M2.10.4-Motronic SEFI	
Main jet / needle	_	
Injection pressure	bar	3.0
Pump pressure	bar	_
Octane rating	RON	95[U]

### Ignition system Coupé 2.0 20V 1997

Type	Motronic Static	
Ignition coil	Bosch 5x 0 221 504 006	
Primary resistance	ohms	0.40
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 V = Vacuum NV = No Vacuum]	° Crankshaft @ rpm	Computer control N/A
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	_/Champion	
Type	RC7BMC	
Electrode gap	mm	0.80

### Electrical system Coupé 2.0 20V 1997

Battery	V / CC / RC	12 / 60 / 380
Alternator voltage / full load current / engine rpm	14.0 to 14.3 / 85 / _	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

### Running gear Coupé 2.0 20V 1997

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	1.5
Rear (min. friction material thickness)	mm	1.5

<b>Tyres</b>		
Saloon	Size	205/50x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.5 / 2.2
- Estate / Van	bar	_

### Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+1.0 to -1.0
Camber		-14' to -1°14'
Castor		2°32' to 3°32'
King pin inclination		_

### Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	0 to +4.0
Camber		-1°30' to -30'

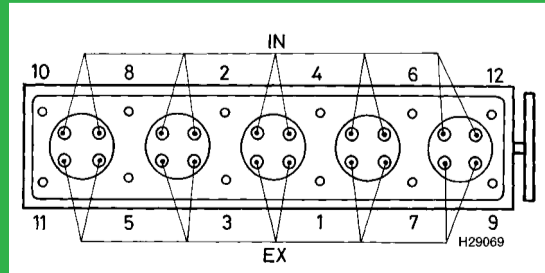
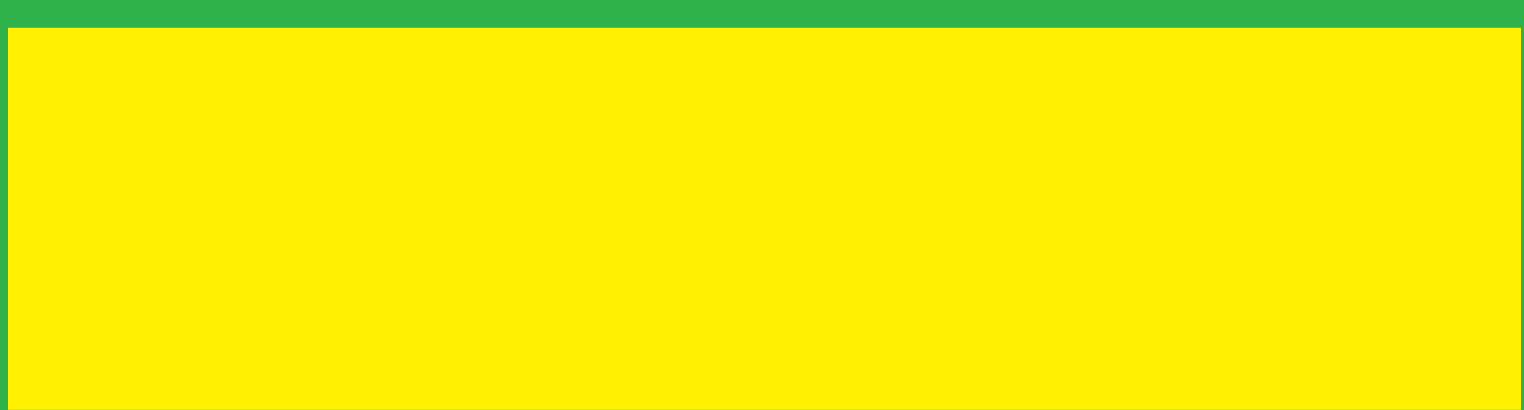
### Torque wrench settings Coupé 2.0 20V 1997

Cylinder head - stage 1	Nm	40
- stage 2	Nm	+ 90°
Cylinder head - stage 3	Nm	+ 90°
- stage 4	Nm	+ 90°
Big-end bearings	Nm	51
Main bearings	Nm	113
Clutch cover	Nm	24
Flywheel [driveplate]	Nm	142
Front hubs	Nm	280
Rear hubs	Nm	280
Wheel nuts / bolts	Nm	97
Spark plugs	Nm	25

### Capacities Coupé 2.0 20V 1997

Engine oil & filter	litres	5.0
Gearbox - 4-speed [5-speed]	litres	1.98
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	7.0
Fuel tank	litres	63

### Notes and Illustrations



1998 cm<sup>3</sup>, 20V