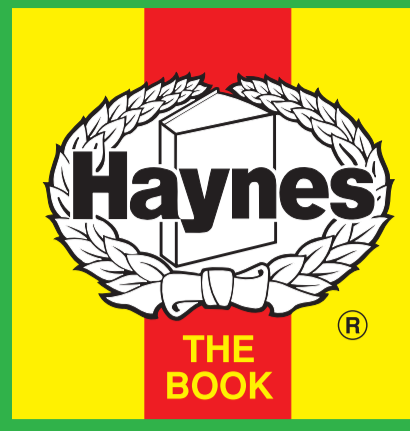


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Automotive Technical DATA BOOK

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Engine and cooling system Megane 2.0 16V Coupé (BAOH) 1996 to 1997

Type	F7R DOHC 16V EC96	
Capacity (cm ³) / number of cylinders	1998 / 4	
Compression ratio / pressure	bar	10.0 /
Oil pressure	bar	2.0 (3.5)
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	89
Radiator cap pressure	bar	1.2

Fuel system Megane 2.0 16V Coupé (BAOH) 1996 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	%	N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	—
CO ₂ @ idle speed [3000 rpm] - see page VI	%	≥14.5
O ₂ @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	—	
Type / ref	SEFI	
Main jet / needle	—	
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	95[U]

Ignition system Megane 2.0 16V Coupé (BAOH) 1996 to 1997

Type	Computerized	
Ignition coil	—	
Primary resistance	ohms	—
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	N/A
V = Vacuum NV = No Vacuum	—	
Total ignition advance	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Vacuum range check	mbar	—
Maximum vacuum advance	° Crankshaft	—
Spark plugs	—	
Type	—	
Electrode gap	mm	—

Electrical system Megane 2.0 16V Coupé (BAOH) 1996 to 1997

Battery	V / CC / RC	—
Alternator voltage / full load current / engine rpm	—	
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gear Megane 2.0 16V Coupé (BAOH) 1996 to 1997

Brakes -		
Front (min. friction material thickness)	mm	—
Rear (min. friction material thickness)	mm	—
Tyres		
Saloon	Size	—
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	—
- Estate / Van	bar	—
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	—
Camber	—	
Castor	—	
King pin inclination	—	
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	—
Camber	—	

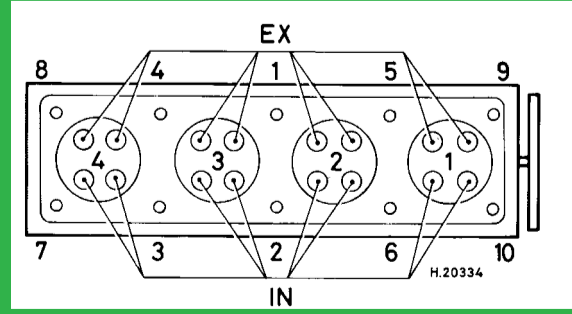
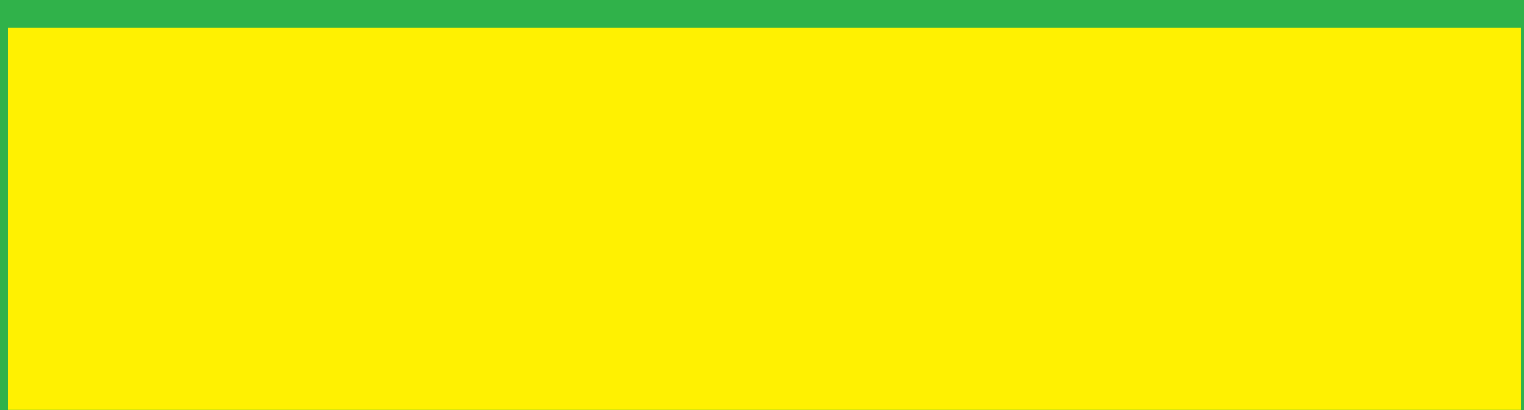
Torque wrench settings Megane 2.0 16V Coupé (BAOH) 1996 to 1997

Cylinder head - stage 1	Nm	30
- stage 2	Nm	70 wait 3 mins
Cylinder head - stage 3	Nm	Slacken 20 +107° in turn
- stage 4	Nm	—
Big-end bearings	Nm	40 to 45
Main bearings	Nm	60 to 65
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	50 to 55
Front hubs	Nm	250
Rear hubs	Nm	175
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	25 to 30

Capacities Megane 2.0 16V Coupé (BAOH) 1996 to 1997

Engine oil & filter	litres	4.2
Gearbox - 4-speed [5-speed]	litres	—
Automatic transmission - refill	litres	—
Final drive	litres	—
Cooling system	litres	—
Fuel tank	litres	—

Notes and Illustrations



1998 cm³ 16V