

Engine & Cooling

Fuel

Ignition

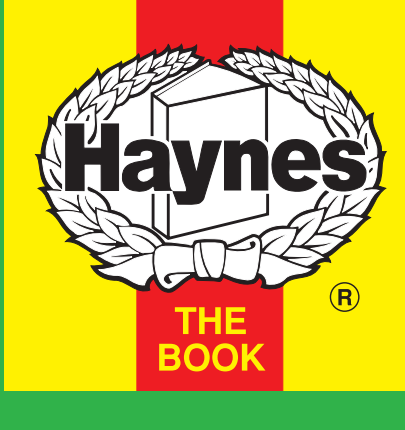
Electrical

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			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	—	
CO2 @ idle speed [3000 rpm] - see page VI		%	≥14.5	
O2 @ 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

