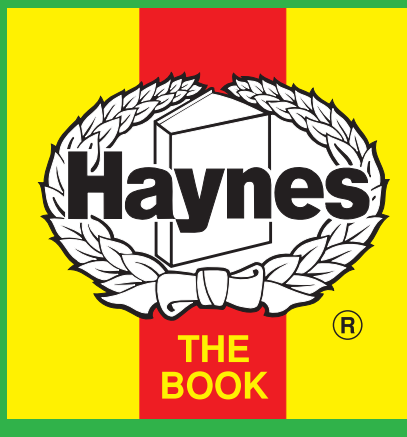


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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# Automotive Technical DATA BOOK

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HELP

## Engine and cooling system Coupé 1.8 16V 1996 to 1997

Type	183 A1.000 96kW DOHC 16V	
Capacity (cm <sup>3</sup> ) / number of cylinders	1747 / 4	
Compression ratio / pressure	bar	10.3 / _
Oil pressure	bar	[3.43 to 4.90]
Oil temperature	°C	100
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	81 to 85
Radiator cap pressure	bar	0.98

## Fuel system Coupé 1.8 16V 1996 to 1997

Idle speed - manual [auto]	rpm	850±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.35
HC @ idle speed [3000 rpm] - see page VI	ppm	≤90
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	_Hitachi	
Type / ref	MFI-0 Ignition / Injection	
Main jet / needle	_	
Injection pressure	bar	3.0±0.06
Pump pressure	bar	_
Octane rating	RON	95[U]

## Ignition system Coupé 1.8 16V 1996 to 1997

Type	Computerized	
Ignition coil	Hitachi 4x GE212331	
Primary resistance	ohms	0.540 to 0.660
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	10±5 BTDC @ 850±50 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	NGK/Champion	
Type	BKR6EKC / R7BMC	
Electrode gap	mm	0.80

## Electrical system Coupé 1.8 16V 1996 to 1997

Battery	V / CC / RC	12 / 60 / 320
Alternator voltage / full load current / engine rpm	14.3 to 14.6 / 75, 85 / _	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

## Running gear Coupé 1.8 16V 1996 to 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	195/55x15; 205/55x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.5 / 2.2
- Estate / Van	bar	_
<b>Front suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	0±1.0
Camber		-30'±30'
Castor		+3°±30'
King pin inclination		_
<b>Rear suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	-0.5±2.0
Camber		-1°±30'

## Torque wrench settings Coupé 1.8 16V 1996 to 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	20 + 60°
Main bearings	Nm	20 + 100°
Clutch cover	Nm	38
Flywheel [driveplate]	Nm	160
Front hubs	Nm	280
Rear hubs	Nm	280
Wheel nuts / bolts	Nm	97
Spark plugs	Nm	27

## Capacities Coupé 1.8 16V 1996 to 1997

Engine oil & filter	litres	5.2
Gearbox - 4-speed [5-speed]	litres	1.98
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	6.9
Fuel tank	litres	63

## Notes and Illustrations

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