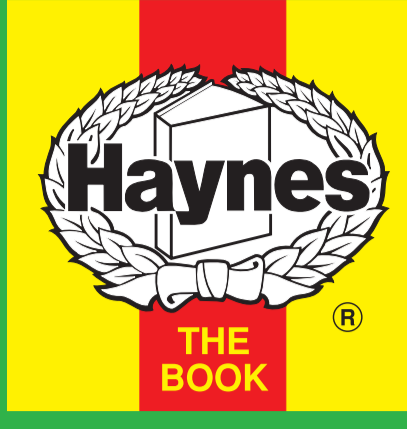


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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# Automotive Technical DATA BOOK

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.

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HELP

### Engine and cooling system A4, 1.6 1995 to 1997

Type	ADP SOHC 8V 74kW	
Capacity (cm <sup>3</sup> ) / number of cylinders	1595 / 4	
Compression ratio / pressure	bar	10.3 / ≤7.5
Oil pressure	bar	1.0 to 2.5 [3.0 to 5.0]
Oil temperature	°C	80
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	—
Radiator cap pressure	bar	1.2 to 1.5

### Fuel system A4, 1.6 1995 to 1997

Idle speed - manual [auto]	rpm	820 to 900 N/A
Fast idle speed - manual [auto]	rpm	2500 to 2800 N/A
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 [≤0.3] N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
O <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	_ Bosch	
Type / ref	M3.2-Motronic	
Main jet / needle	—	
Injection pressure	bar	—
Pump pressure	bar	3.5 to 4.0
Octane rating	RON	95[U]

### Ignition system A4, 1.6 1995 to 1997

Type	Motronic	
Ignition coil	—	
Primary resistance	ohms	0.5 to 1.5
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	0±3 BTDC @ 820 to 900
Total ignition advance	° Crankshaft @ rpm	Computer control
Centrifugal check.	° Crankshaft @ rpm	—
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	—
Spark plugs	Bosch/NGK	
Type	F7LTCR / BKUR6ET	
Electrode gap	mm	0.90 to 1.10. NGK: 0.7 to 0.9

### Electrical system A4, 1.6 1995 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 A4, 1.6 1995 to 1997

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.0
<b>Tyres</b>		
Saloon	Size	195/65x15:205/60x15:205/55x16
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	—
<b>Front suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	[+10'±5']
Camber	-20'±20'. Sports: -35'±20'	
Castor	—	
King pin inclination	—	
<b>Rear suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	[+10'±5']. Sports: [+15'±5']PW
Camber	-1°30'±20' PW	

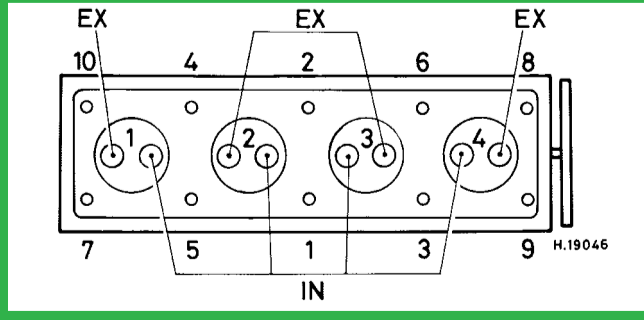
### Torque wrench settings A4, 1.6 1995 to 1997

Cylinder head - stage 1	Nm	40 N
- stage 2	Nm	60
Cylinder head - stage 3	Nm	+180°
- stage 4	Nm	—
Big-end bearings	Nm	30 + 90°
Main bearings	Nm	65
Clutch cover	Nm	—
Flywheel [driveplate]	Nm	60 + 90°. 2 mass: 40 + 180°
Front hubs	Nm	M14: 115 + 90°. M16: 190 + 90°
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	120
Spark plugs	Nm	30

### Capacities A4, 1.6 1995 to 1997

Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.25
Automatic transmission - refill	litres	5.4
Final drive	litres	WT. AT: 1.0
Cooling system	litres	7.0
Fuel tank	litres	62

### Notes and Illustrations



1595 cm<sup>3</sup>