

Engine & Cooling

Fuel

Ignition

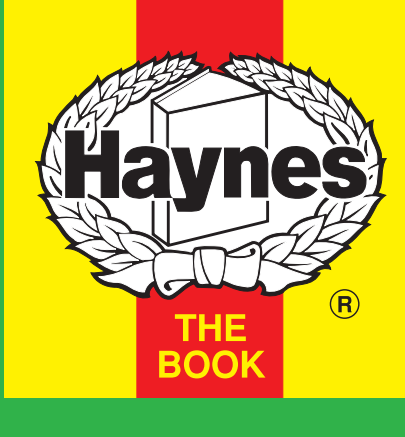
Electrical

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

100 & A6, 2.6

1992 to 1997

Type		ABC (110kW) SOHC 12V
Capacity (cm ³) / number of cylinders		2598 / 6
Compression ratio / pressure	bar	10.0 / ≥9.0
Oil pressure	bar	[4.5 to 6.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-4-3-6-2-5
No 1 cylinder position		PER
Thermostat opening temperature	°C	87
Radiator cap pressure	bar	1.2 to 1.5

Fuel system

100 & A6, 2.6

1992 to 1997

Idle speed - manual [auto]	rpm	680 to 820 N/A
Fast idle speed - manual [auto]	rpm	2500 to 2800
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 [≤0.3]
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		—
Type / ref		MPFI
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	3.8 to 4.2
Octane rating	RON	95[U]

Ignition system

100 & A6, 2.6

1992 to 1997

Type		FEI
Ignition coil		3x N, N128, N158
Primary resistance	ohms	0.50 to 1.20
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	7 to 27 BTDC @ 680 to 820 N/A
V = Vacuum NV = No Vacuum		—
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/Bosch
Type		BKUR6ET-10 / F7LTCR
Electrode gap	mm	1.00±0.10

Electrical system

100 & A6, 2.6

1992 to 1997

Battery	V / CC / RC	12 / 63Ah
Alternator voltage / full load current / engine rpm		12.5 to 14.5 / 90 / 2000
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gear

100 & A6, 2.6

1992 to 1997

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.0

Tyres		
Saloon	Size	195/65x15: 205/60x15 ¹
Estate / Van	Size	195/65x15: 205/60x15 ¹
Pressure - front / rear - Saloon	bar	2.3 / 2.3 ²
- Estate / Van	bar	2.3 / 2.3 ²

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	[+15'+5'-10']
Camber		-50'+35'-25'. AT & 4x4: -40'
Castor		+1°10'±40'. 4x4: +55'±40' N/A
King pin inclination		—

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	[+20'±10']. 4x4: [+10'±10']
Camber		-50'±30'. 4x4: -15'±15'

Torque wrench settings

100 & A6, 2.6

1992 to 1997

Cylinder head - stage 1	Nm	40 N
- stage 2	Nm	60
Cylinder head - stage 3	Nm	+ 90°
- stage 4	Nm	+ 90°
Big-end bearings	Nm	20 + 180°
Main bearings	Nm	—
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	30 + 90° ³
Front hubs	Nm	200 + 90°
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	25 to 30

Capacities

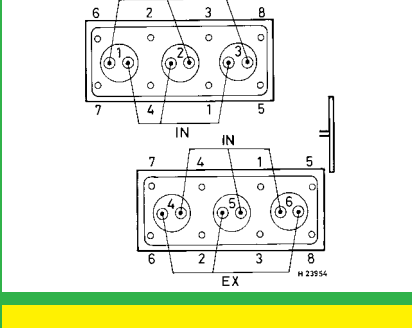
100 & A6, 2.6

1992 to 1997

Engine oil & filter	litres	5.0
Gearbox - 4-speed [5-speed]	litres	2.4. 4x4: 2.85
Automatic transmission - refill	litres	3.0
Final drive	litres	AT: 0.75. 4x4: 1.7
Cooling system	litres	11.0
Fuel tank	litres	80

Notes and Illustrations

¹Also 215/60x15
²215/60x15: 2.1 / 2.1
³Dual mass: 40 + 180°



2598 cm³