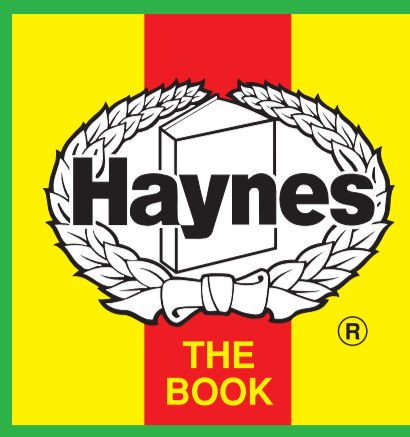


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical DATA BOOK

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.

MENU **HELP**

Engine and cooling system RS2 Avant 1994 to 1996

Type	ADU 232kW DOHC Turbo	
Capacity (cm ³) / number of cylinders	2226 / 5	
Compression ratio / pressure	bar	9.3 / ≥7.0
Oil pressure	bar	[2.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-2-4-5-3	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	87
Radiator cap pressure	bar	1.2 to 1.5

Fuel system RS2 Avant 1994 to 1996

Idle speed - manual [auto]	rpm	800±30 N/A
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	—
O ₂ @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	Bosch	
Type / ref	Motronic plus Turbo	
Main jet / needle	—	
Injection pressure	bar	3.4 to 3.7
Pump pressure	bar	4.0 to 4.2
Octane rating	RON	95[U]

Ignition system RS2 Avant 1994 to 1996

Type	Motronic Static	
Ignition coil	Bosch 1 coil per cylinder	
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	—
Centrifugal check.	° Crankshaft @ rpm	Computer control
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	—
Spark plugs	Bosch	
Type	F5DPOR	
Electrode gap	mm	0.60 to 0.70

Electrical system RS2 Avant 1994 to 1996

Battery	V / CC / RC	12 / 300 / 63Ah
Alternator voltage / full load current / engine rpm	12.5 to 14.5 / _ / 3000	
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gear RS2 Avant 1994 to 1996

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

Tyres		
Saloon	Size	—
Estate / Van	Size	245/40x70
Pressure - front / rear - Saloon	bar	—
- Estate / Van	bar	2.7 / 2.7

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	[+10'±10']
Camber		-45'±30'
Castor		+2°10'±30'
King pin inclination	—	

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	[+10'±10']
Camber		-40'±30'

Torque wrench settings RS2 Avant 1994 to 1996

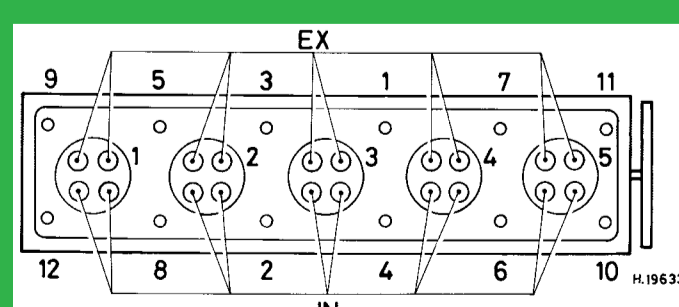
Cylinder head - stage 1	Nm	40 N
- stage 2	Nm	60
Cylinder head - stage 3	Nm	+ 90°
- stage 4	Nm	+ 90°
Big-end bearings	Nm	30 + 90°
Main bearings	Nm	65
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	70 LkC
Front hubs	Nm	M14: 120 + 90° ¹
Rear hubs	Nm	As front
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	30

Capacities RS2 Avant 1994 to 1996

Engine oil & filter	litres	4.5
Gearbox - 4-speed [5-speed]	litres	3.5 +0.1 additive
Automatic transmission - refill	litres	—
Final drive	litres	Rear: 1.5
Cooling system	litres	8.5
Fuel tank	litres	70

Notes and Illustrations

¹M16: 200 + 90°



2226 cm³, 20V