

Engine & Cooling

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Engine and cooling system

Coupé & Cabrio 2.6

1993 to 1997

Type		ABC SOHC 12V. 110kW
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

Coupé & Cabrio 2.6

1993 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] N/A
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	91[U]

Ignition system

Coupé & Cabrio 2.6

1993 to 1997

Type		FEI
Ignition coil		3x N, N128, N158
Primary resistance	ohms	0.5 to 1.2
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
Type		BKUR6ET-10
Electrode gap	mm	0.70 to 0.90

Electrical system

Coupé & Cabrio 2.6

1993 to 1997

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

Running gear

Coupé & Cabrio 2.6

1993 to 1997

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

Tyres		
Saloon	Size	185/65x15:195/65x15:205/60x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	[+10'±10']
Camber		-50'±30'. 4x4: -45'±30'
Castor		+1°25'±30'. 4x4: +2°±30'
King pin inclination		—

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	[+20'±20'].4x4: [+20'±10']
Camber		-1°±20'. 4x4: -45'±30'

Torque wrench settings

Coupé & Cabrio 2.6

1993 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° ¹
Front hubs	Nm	200 + 90°
Rear hubs	Nm	WSM. 4x4: 200 + 90°
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	25 to 30

Capacities

Coupé & Cabrio 2.6

1993 to 1997

Engine oil & filter	litres	5.0
Gearbox - 4-speed [5-speed]	litres	2.4. 4x4: 2.9
Automatic transmission - refill	litres	3.0
Final drive	litres	AT & 4x4: 0.75
Cooling system	litres	7.0
Fuel tank	litres	70

Notes and Illustrations

¹Dual mass type: 40 + 180°

