

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 & Cabrio, 2.0 CAT 1992 to 1997

Type	ABK (85kW) SOHC 8V	
Capacity (cm ³) / number of cylinders	1984 / 4	
Compression ratio / pressure	bar	10.4 / ≥9.0
Oil pressure	bar	[2.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	87
Radiator cap pressure	bar	1.2 to 1.5

Fuel system Coupé & Cabrio, 2.0 CAT 1992 to 1997

Idle speed - manual [auto]	rpm	820±50 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
CO ₂ @ idle speed [3000 rpm] - see page VI	%	-
O ₂ @ idle speed [3000 rpm] - see page VI	%	-
Carburettor / fuel injection	Volkswagen	
Type / ref	Digifant	
Main jet / needle	-	
Injection pressure	bar	2.5
Pump pressure	bar	3.0
Octane rating	RON	95[U]

Ignition system Coupé & Cabrio, 2.0 CAT 1992 to 1997

Type	Digifant	
Ignition coil	N152	
Primary resistance	ohms	0.5 to 0.7
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	6±1 BTDC @ 2000 to 2500 N/A
Total ignition advance	° Crankshaft @ rpm	-
	° 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	BUR6ET	
Electrode gap	mm	0.70 to 0.90

Electrical system Coupé & Cabrio, 2.0 CAT 1992 to 1997

Battery	V / CC / RC	12 / _
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, 2.0 CAT 1992 to 1997

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

Tyres		
Saloon	Size	175/70x14: 195/60x14 ¹
Estate / Van	Size	-
Pressure - front / rear - Saloon	bar	2.1 / 2.1 ²
- Estate / Van	bar	-

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	[+10'±10']
Camber		-50'±30'
Castor		+1°15'±30'. Sport: +1°25'±30'
King pin inclination		-

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	[+20'±20']
Camber		-1°±20'

Torque wrench settings Coupé & Cabrio, 2.0 CAT 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	30 + 90°
Main bearings	Nm	65
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	60 + 90° N
Front hubs	Nm	265LkC ³
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	20

Capacities Coupé & Cabrio, 2.0 CAT 1992 to 1997

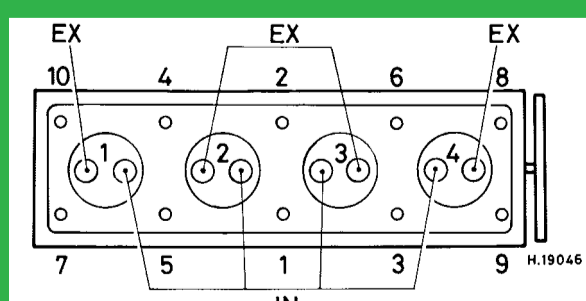
Engine oil & filter	litres	3.0
Gearbox - 4-speed [5-speed]	litres	2.4
Automatic transmission - refill	litres	3.0
Final drive	litres	AT: 1.0
Cooling system	litres	7.0
Fuel tank	litres	68

Notes and Illustrations

¹Also 205/60x15: 205/50x15

²205/50x15: 2.3 / 2.3

³PAS M14: 120 + 90°. PAS M16: 200 + 90°



1984 cm³, 8v