

VOLKSWAGEN

Corrado 2.0

1993 to 1994

Engine & Cooling

Fuel

Ignition

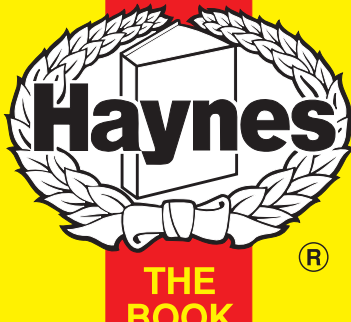
Electrical

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.

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HELP

Engine and cooling system

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Type		2E SOHC 8V 85kW
Capacity (cm ³) / number of cylinders		1984 / 4
Compression ratio / pressure	bar	10.0 / ≥7.5
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	85 to 105
Radiator cap pressure	bar	1.3 to 1.5

Fuel system

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Idle speed - manual [auto]	rpm	770 to 870 N/A
Fast idle speed - manual [auto]	rpm	–
CO @ idle speed [3000 rpm] - see page VI	%	0.2 to 1.2 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		_Volkswagen
Type / ref		Digifant
Main jet / needle		–
Injection pressure	bar	2.5
Pump pressure	bar	3.0
Octane rating	RON	95[U]

Ignition system

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Type		Digifant
Ignition coil		–
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	° Crankshaft @ rpm	6±1 BTDC @ 2000 to 2500
V = Vacuum NV = No Vacuum		–
Total ignition advance	° Crankshaft @ rpm	–
	° Crankshaft @ rpm	–
	° Crankshaft @ rpm	–
Centrifugal check.	° Crankshaft @ rpm	–
	° Crankshaft @ rpm	–
	° Crankshaft @ rpm	–
Vacuum range check	mbar	–
Maximum vacuum advance	° Crankshaft	–
Spark plugs		_/Champion
Type		N7BMC
Electrode gap	mm	0.7 to 0.9

Electrical system

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Battery	V / CC / RC	–
Alternator voltage / full load current / engine rpm		–
Starter motor current / voltage - cranking	A / V	–
- locked	A / V	–

Running gear

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Brakes -		
Front (min. friction material thickness)	mm	7.0 with backing
Rear (min. friction material thickness)	mm	7.0 with backing

Tyres		
Saloon	Size	–
Estate / Van	Size	–
Pressure - front / rear - Saloon	bar	–
- Estate / Van	bar	–

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	[0±10']
Camber		-40'±20'
Castor		1°55'±30 N/A
King pin inclination		–

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	[20' ±10'] N/A
Camber		-1°30'±10 N/A

Torque wrench settings

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Cylinder head - stage 1	Nm	40
- 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	–
Flywheel [driveplate]	Nm	60 +90° N
Front hubs	Nm	WSM
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	25

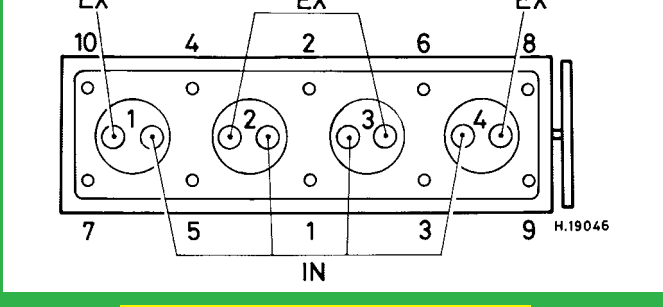
Capacities

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Engine oil & filter	litres	4.0
Gearbox - 4-speed [5-speed]	litres	–
Automatic transmission - refill	litres	3.0
Final drive	litres	AT: 0.75
Cooling system	litres	5.5
Fuel tank	litres	–

Notes and Illustrations



1984 cm³, 8V