

VOLKSWAGEN

Corrado 2.0 16V

1992 to 1996

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		Corrado 2.0 16V	1992 to 1996
Type		9A DOHC 16V 100kW	
Capacity (cm ³) / number of cylinders		1984 / 4	
Compression ratio / pressure	bar	10.5 / ≥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	
Radiator cap pressure	bar	1.3 to 1.5	

Fuel system		Corrado 2.0 16V	1992 to 1996
Idle speed - manual [auto]	rpm	800 to 1000 N/A	
Fast idle speed - manual [auto]	rpm	2500 to 2800	
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 [≤0.3] Ex 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		Bosch	
Type / ref		KE-Motronic	
Main jet / needle		—	
Injection pressure	bar	3.7 to 4.8	
Pump pressure	bar	6.1 to 6.6	
Octane rating	RON	95[U]	

Ignition system		Corrado 2.0 16V	1992 to 1996
Type		DME Motronic	
Ignition coil		—	
Primary resistance	ohms	0.6 to 0.8	
Ballast resistor	ohms	—	
Voltage - Tmnl 15(+) to earth	V	—	
Distributor		Bosch	
Points gap (air gap)	mm	—	
Dwell angle	° (%)	—	
Condenser capacity	µF	—	
Rotation		—	
Ignition timing - basic [static	° Crankshaft @ rpm	6±1 BTDC @ 800 to 1000 N/A	
V = Vacuum NV = No Vacuum		V	
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		BKUR7ET	
Electrode gap	mm	0.70 to 0.90	

Electrical system		Corrado 2.0 16V	1992 to 1996
Battery	V / CC / RC	12 / 220 / 75	
Alternator voltage / full load current / engine rpm		—	
Starter motor current / voltage - cranking	A / V	—	
- locked	A / V	—	

Running gear		Corrado 2.0 16V	1992 to 1996
Brakes -			
Front (min. friction material thickness)	mm	7.0 with backing	
Rear (min. friction material thickness)	mm	7.0 with backing	

Tyres			
Saloon	Size	185/60x14: 185/55x15 ¹	
Estate / Van	Size	—	
Pressure - front / rear - Saloon	bar	2.6 / 2.3 ²	
- 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		Corrado 2.0 16V	1992 to 1996
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 ³	
Clutch cover	Nm	20	
Flywheel [driveplate]	Nm	60 + 90° N	
Front hubs	Nm	265	
Rear hubs	Nm	WSM	
Wheel nuts / bolts	Nm	110	
Spark plugs	Nm	25	

Capacities		Corrado 2.0 16V	1992 to 1996
Engine oil & filter	litres	4.0	
Gearbox - 4-speed [5-speed]	litres	2.0	
Automatic transmission - refill	litres	3.0	
Final drive	litres	AT: 0.75	
Cooling system	litres	5.5	
Fuel tank	litres	55	

Notes and Illustrations

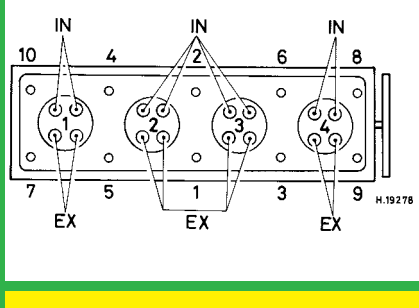
¹195/50x15: 205/50x15

²205/50x15: 2.3 / 2.0

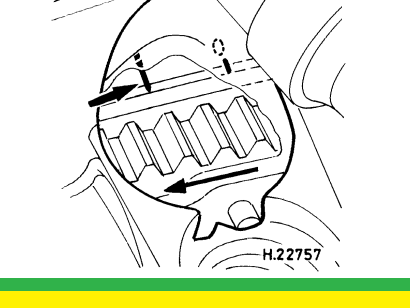
³Replace with fully threaded shank bolts: 65 + 90°

1: Idle speed

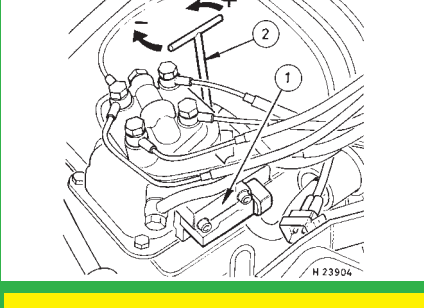
2: CO / Mixture



1984 cm³, 16V



1984 cm³, 16V



KE-Motronic, 9A