

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 Corrado 2.0 16V 1992 to 1996

Type		9A DOHC 16V 100kW
Capacity (cm <sup>3</sup> ) / 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
CO <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	-
O <sub>2</sub> @ 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

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	7.0 with backing
Rear (min. friction material thickness)	mm	7.0 with backing

<b>Tyres</b>		
Saloon	Size	185/60x14: 185/55x15 <sup>1</sup>
Estate / Van	Size	-
Pressure - front / rear - Saloon	bar	2.6 / 2.3 <sup>2</sup>
- 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 <sup>3</sup>
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

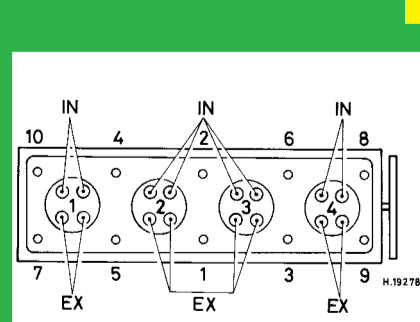
## Notes and Illustrations

<sup>1</sup>195/50x15: 205/50x15

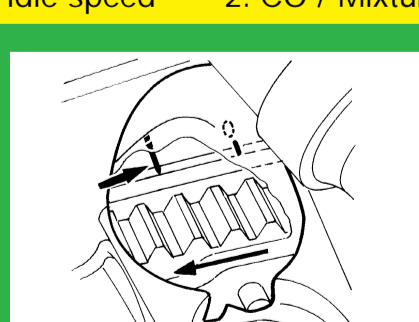
<sup>2</sup>205/50x15: 2.3 / 2.0

<sup>3</sup>Replace with fully threaded shank bolts: 65 + 90°

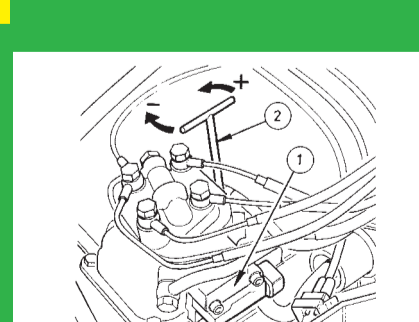
1: Idle speed 2: CO / Mixture



1984 cm<sup>3</sup>, 16V



1984 cm<sup>3</sup>, 16V



KE-Motronic, 9A