

VOLKSWAGEN

Golf 2.0

1996 to 1997

Engine & Cooling

Fuel

Ignition

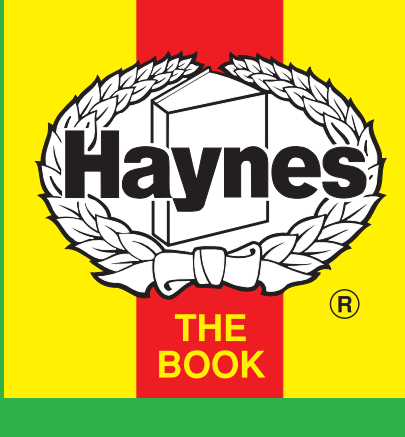
Electrical

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

Golf 2.0

1996 to 1997

Type	AGG SOHC 8V 84kW	
Capacity (cm ³) / number of cylinders	1984 / 4	
Compression ratio / pressure	bar	9.6 /
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 to 102
Radiator cap pressure	bar	1.3 to 1.5

Fuel system

Golf 2.0

1996 to 1997

Idle speed - manual [auto]	rpm	750 to 850 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	Volkswagen	
Type / ref	Simos 4S MPI	
Main jet / needle	–	
Injection pressure	bar	2.5
Pump pressure	bar	–
Octane rating	RON	95[U]

Ignition system

Golf 2.0

1996 to 1997

Type	Simos	
Ignition coil	–	
Primary resistance	ohms	0.5 to 1.2
Ballast resistor	ohms	–
Voltage - Tmnl 15(+) to earth	V	–
Distributor	Bosch	
Points gap (air gap)	mm	–
Dwell angle	° (%)	–
Condenser capacity	µF	–
Rotation	Anticlockwise	
Ignition timing - basic [static	° Crankshaft @ rpm	5 to 15 BTDC fluctuating 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	BUR6ET	
Electrode gap	mm	0.70 to 0.90

Electrical system

Golf 2.0

1996 to 1997

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

Running gear

Golf 2.0

1996 to 1997

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

Tyres		
Saloon	Size	185/60x14:195/50x15: 205/50x15
Estate / Van	Size	195/60x14: 195/50x15
Pressure - front / rear - Saloon	bar	2.3 / 2.1
- Estate / Van	bar	1.8: 2.1 / 2.1: 2.1

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	[0±10']
Camber	-40'±20'	
Castor	3°25'±30'	
King pin inclination	–	

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

Torque wrench settings

Golf 2.0

1996 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 +90°
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	60 + 90° N
Front hubs	Nm	265 + WSM
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	30

Capacities

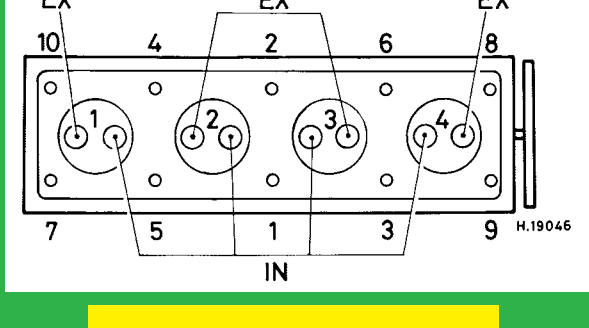
Golf 2.0

1996 to 1997

Engine oil & filter	litres	3.8
Gearbox - 4-speed [5-speed]	litres	1.9 4x4: 2.4
Automatic transmission - refill	litres	3.0
Final drive	litres	AT: 0.75 Rear 4x4: 0.7
Cooling system	litres	5.5
Fuel tank	litres	55 Est: 60

Notes and Illustrations

-



1984 cm³