

Engine & Cooling

Fuel

Ignition

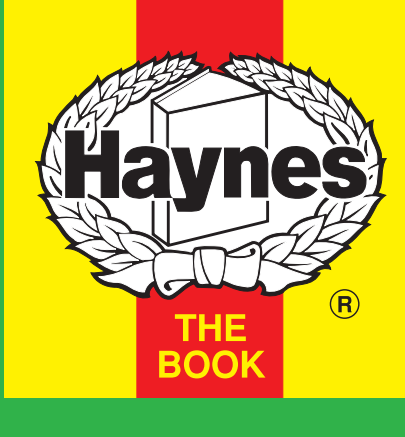
Electrical

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

911 Carrera 2 & 4

1994 to 1997

Type		M64/05 200kW
Capacity (cm³) / number of cylinders		3600 / 6
Compression ratio / pressure	bar	11.3 / _
Oil pressure	bar	[6.5 @ 5 000 rpm]
Oil temperature	°C	90
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-6-2-4-3-5
No 1 cylinder position		PEL
Thermostat opening temperature	°C	_
Radiator cap pressure	bar	_

Fuel system

911 Carrera 2 & 4

1994 to 1997

Idle speed - manual [auto]	rpm	800±40
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.4 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤300
CO2 @ idle speed [3000 rpm] - see page VI	%	_
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		_ Bosch
Type / ref		DME MPi
Main jet / needle		_
Injection pressure	bar	3.8
Pump pressure	bar	_
Octane rating	RON	98[U]

Ignition system

911 Carrera 2 & 4

1994 to 1997

Type		DME Motronic
Ignition coil		_
Primary resistance	ohms	_
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	Computer control 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		Bosch/Beru
Type		FR6LDC / 14FR-5DTU
Electrode gap	mm	0.70

Electrical system

911 Carrera 2 & 4

1994 to 1997

Battery	V / CC / RC	12/75
Alternator voltage / full load current / engine rpm		155A
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear

911 Carrera 2 & 4

1994 to 1997

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

Tyres		
Saloon	Size	205/55x16: 225/50x16¹
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.5 / 3.0. x17: 2.5 / 2.5
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+5'±5'
Camber		-20'±15'
Castor		5°20'±15'
King pin inclination		_

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+10'±5'
Camber		-1°10'±15'

Torque wrench settings

911 Carrera 2 & 4

1994 to 1997

Cylinder head - stage 1	Nm	15
- stage 2	Nm	+90°
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	15 +90° +90°
Main bearings	Nm	Crankcase: 35
Clutch cover	Nm	20 to 25
Flywheel [driveplate]	Nm	90
Front hubs	Nm	WSM
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	130
Spark plugs	Nm	30

Capacities

911 Carrera 2 & 4

1994 to 1997

Engine oil & filter	litres	11.5
Gearbox - 4-speed [5-speed]	litres	3.6. 4x4: 3.8
Automatic transmission - refill	litres	9.0
Final drive	litres	AT: 0.9. 4x4 Front: 1.2
Cooling system	litres	_
Fuel tank	litres	77

Notes and Illustrations

¹205/50x17: 255/45x17

