

Capacity (cm ³) / number of cylinders		3600 / 6
Compression ratio / pressure	bar	11.3 / _
Oil pressure	bar	[3.5]
Oil temperature	°C	90
Valve clearance - inlet	mm	0.10
Valve clearance - exhaust	mm	0.10
Firing order		1-6-2-4-3-5
No 1 cylinder position		PEL
Thermostat opening temperature	°C	_
Radiator cap pressure	bar	_

Idle speed - manual [auto]	rpm	880±40
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	0.4 to 1.2
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Bosch
Type / ref		DME Sequential Motronic
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	3.6 to 4.0
Octane rating	RON	95[E 95 RON]

Type		DME Motronic ¹
Ignition coil		2x Bosch
Primary resistance	ohms	0.4 to 0.7
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	Computer control
V = Vacuum NV = No Vacuum		—
Total ignition advance	° Crankshaft @ rpm	—
	° 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/Champion
Type		FR5DTC / RC6BYC
Electrode gap	mm	0.80

Battery	V / CC / RC	12 / 72Ah
Alternator voltage / full load current / engine rpm		—
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.5

Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.5 / 3.0
- Estate / Van	bar	—

Camber	0±10'
Castor	+4°10'±15'
King pin inclination	—
Rear suspension / wheel alignment	

Camber	-20'±10'
Torque wrench settings	211.2 2.2 1222 1222

- stage 2	Nm	—
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	50 to 55
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	25 to 30

Engine oil & filter	litres	11.5
Gearbox - 4-speed [5-speed]	litres	3.8
Automatic transmission - refill	litres	–
Final drive	litres	WT ²
Cooling system	litres	–
Fuel tank	litres	77

¹Twin spark ignition system with knock control

²Carrera 4: Rear: WT. Front: 1.2

²**Carrera 4: Rear: WT. Front: 1.2**

