

Capacity (cm ³) / number of cylinders		1809 / 4
Compression ratio / pressure	bar	8.0 / 11.8
Oil pressure	bar	[5.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.30 H
Valve clearance - exhaust	mm	0.30 H
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	1.0

Idle speed - manual [auto]	rpm	950±100
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤2.0
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		Nissan
Type / ref		L-Jetronic EFI + Turbo
Main jet / needle		—
Injection pressure	bar	2.5
Pump pressure	bar	2.9 to 4.4
Octane rating	RON	97/111 ¹

Ignition system		Computerized
Type		Computerized
Ignition coil		Hitachi
Primary resistance	ohms	0.8 to 1.0
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Hitachi
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	μF	—
Rotation		Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm	15±2 BTDC @ idle
V = Vacuum NV = No Vacuum		NV
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		NGK/Champion
Type		BCPR6ES11 / RC7YC
Electrode gap	mm	1.00 to 1.10

Battery	V / CC / RC	12 / 210 / 65
Alternator voltage / full load current / engine rpm		14.4 to 15.0 / 70 / 3000
Starter motor current / voltage - cranking	A / V	–
- locked	A / V	

Running gear	Semitar/Sable 1800 T & CAT	1980 to 1990
Brakes -		
Front (min. friction material thickness)	mm	—
Rear (min. friction material thickness)	mm	—

Saloon	Size	185/65R14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.7 / 1.7
- Estate / Van	bar	—

Toe-in (+) / Toe-out (-)	mm [°]	0 to +1.6
Camber		0 to +1°
Castor		+4°
King pin inclination		+8°

Toe-in (+) / Toe-out (-)	mm [-]	0
Camber		0

Torque wrench settings		Continental Shale 1990 T & G	1990 to 1999
Cylinder head - stage 1	Nm	29	
- stage 2	Nm	78, then loosen bolts	
Cylinder head - stage 3	Nm	29	

Big-end bearings	Nm	34
Main bearings	Nm	49
Clutch cover	Nm	26
Flywheel [driveplate]	Nm	103
Front hubs	Nm	–
Rear hubs	Nm	–
Wheel nuts / bolts	Nm	61 to 81
Spark plugs	Nm	25

	Scimitar/Sabre 1800 TI & CAT	1986 to 1990
Engine oil & filter	litres	4.0
Gearbox - 4-speed [5-speed]	litres	2.1
Automatic transmission - refill	litres	—
Final drive	litres	0.9
Cooling system	litres	8.0
Fuel tank	litres	45.4

¹CAT: 95 [U]

Nissan EFi