

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 Primera 2.0i (P11) 1996 to 1997

Type		SR20De DOHC 16V
Capacity (cm ³) / number of cylinders		1998 / 4
Compression ratio / pressure	bar	10.0 / ≥10.79
Oil pressure	bar	≥0.78 [3.14 to 3.92]
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		TCE
Thermostat opening temperature	°C	82
Radiator cap pressure	bar	0.78 to 0.98

Fuel system Primera 2.0i (P11) 1996 to 1997

Idle speed - manual [auto]	rpm	700±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.2 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	—
O ₂ @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		_Nissan
Type / ref		ECCS MPI
Main jet / needle		—
Injection pressure	bar	2.35
Pump pressure	bar	—
Octane rating	RON	95[U]

Ignition system Primera 2.0i (P11) 1996 to 1997

Type		—
Ignition coil		—
Primary resistance	ohms	0.5 to 1.0
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	15±2 BTDC @ 700
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/Champion
Type		BKR5EY / RC9MCC
Electrode gap	mm	1.00 to 1.10

Electrical system Primera 2.0i (P11) 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 Primera 2.0i (P11) 1996 to 1997

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	1.5. Disc: 2.0
Tyres		
Saloon	Size	185/65x14: 195/60x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.2 / 2.0
- Estate / Van	bar	—
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.0±1.0
Camber		0±45' N/A
Castor		1°45'±45' N/A
King pin inclination		14°30'±45' N/A
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.0±4.0 N/A
Camber		-1°±45' N/A

Torque wrench settings Primera 2.0i (P11) 1996 to 1997

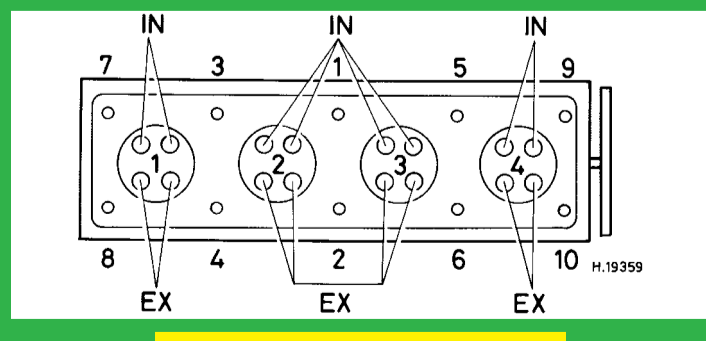
Cylinder head - stage 1	Nm	39, then 78
- stage 2	Nm	Slacken, then 39
Cylinder head - stage 3	Nm	+90 to 95°
- stage 4	Nm	+90 to 95°
Big-end bearings	Nm	14 to 16 +60 to 65°
Main bearings	Nm	7 to 13 +75 to 80° ¹
Clutch cover	Nm	22 to 29
Flywheel [driveplate]	Nm	83 to 93
Front hubs	Nm	235 to 314
Rear hubs	Nm	186 to 255
Wheel nuts / bolts	Nm	98 to 118
Spark plugs	Nm	20 to 29

Capacities Primera 2.0i (P11) 1996 to 1997

Engine oil & filter	litres	3.0
Gearbox - 4-speed [5-speed]	litres	3.6
Automatic transmission - refill	litres	7.0
Final drive	litres	WT
Cooling system	litres	6.0
Fuel tank	litres	60

Notes and Illustrations

¹Then slacken, then 32 to 38 +30 to 35°



1998 cm³, 16V