



1984 to 1990

Type	VG30ET	
Capacity (cm ³) / number of cylinders	2960 / 6	
Compression ratio / pressure	bar	7.8 / ≥8.3
Oil pressure	bar	[2.9]
Oil temperature	°C	—
Valve clearance - inlet	mm	0: Hyd.
- exhaust	mm	0: Hyd.
Firing order	1-2-3-4-5-6	
No 1 cylinder position	FR	
Thermostat opening temperature	°C	82
Radiator cap pressure	bar	0.78 to 0.98

1984 to 1990

Idle speed - manual [auto]	rpm	900±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤1.0
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		ECCS (EFI) + Turbo
Main jet / needle		
Injection pressure	bar	2.1 @ idle
Pump pressure	bar	3.0
Octane rating	RON	97(JL)

1984 to 1990

Type		Computerized
Ignition coil		Hitachi, Hanshin
Primary resistance	ohms	—
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Hitachi/Mitsubishi
Points gap (air gap)	mm	[0.30 to 0.50]
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation		Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm	10±1 BTDC @ 900±50
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		NGK/Champion
Type		BCPR6ES-11 / RC7YC
Electrode gap	mm	1.00 to 1.10

1984 to 1990

Battery	V / CC / RC	12 / 55 or 60Ah
Alternator voltage / full load current / engine rpm		14.4 to 15.0 / _ / 2500
Starter motor current / voltage - cranking	A / V	100 / 11 (no load)
- locked	A / V	

1984 to 1990

Brakes		500 2X 1000 (23")	1100 2X 1700
Front (min. friction material thickness)		mm	2.0
Rear (min. friction material thickness)		mm	2.0
Tyres			
Saloon		Size	205/55X16; 225/50X16
Estate / Van		Size	—
Pressure - front / rear - Saloon		bar	1.9 / 2.3
- Estate / Van		bar	—
Front suspension / wheel alignment			
Toe-in (+) / Toe-out (-)		mm [°]	+1.0 to 3.0
Camber			-35' to +55'
Castor			+5'50' to 7°20'
King pin inclination			+12°15' to 13°45'
Rear suspension / wheel alignment			
Toe-in (+) / Toe-out (-)		mm [°]	-1.5 to +2.5
Camber			-1°55' to -2°5'

1984 to 1990

Cylinder head - stage 1	Nm	29
- stage 2	Nm	59, then loosen bolts
Cylinder head - stage 3	Nm	29
- stage 4	Nm	54 to 64'
Big-end bearings	Nm	45 to 54
Main bearings	Nm	90 to 100
Clutch cover	Nm	34 to 44
Flywheel (driveplate)	Nm	98 to 108
Front hubs	Nm	25 to 34
Rear hubs	Nm	294 to 392
Wheel nuts / bolts	Nm	Steel: 78 to 98'
Spark plugs	Nm	20 to 29

1984 to 1990

Engine oil & filter	litres	4.1
Gearbox - 4-speed [5-speed]	litres	2.4
Automatic transmission - refill	litres	-
Final drive	litres	2.1
Cooling system	litres	11.0
Fuel tank	litres	77

OR = 40 to 65°
Alloy: 98 to 118

¹OR + 60 to 65°
²Alloy: 98 to 118

1: Idle speed 2: CO / Mixture

