

## GENERAL INFORMATION

### LUBRICATION SYSTEM SPECIFICATIONS

ITEM		STANDARD	Unit: mm (in) SERVICE LIMIT
Engine oil capacity	After draining	2.6 liter (2.7 US qt, 2.3 Imp qt)	-
	After oil filter change	2.9 liter (3.1 US qt, 2.6 Imp qt)	-
	After disassembly	3.5 liter (3.7 US qt, 3.1 Imp qt)	-
Recommended engine oil		Pro Honda GN4 or HP4 (without molybdenum additives) 4-stroke oil (U.S.A. & Canada) or Honda 4-stroke oil (Canada only) or an equivalent motorcycle oil API service classification SG or Higher except oils labeled as energy conserving on the circular API service label JASO T 903 standard: MA Viscosity: SAE 10W-40	-
Oil pressure at oil pressure switch		540 kPa (5.5 kgf/cm <sup>2</sup> , 78 psi) at 6,000 rpm/(80°C/176°F)	-
Oil pump	Tip clearance	0.15 (0.006)	0.20 (0.008)
	Body clearance	0.15 - 0.21 (0.006 - 0.008)	0.35 (0.014)
	Side clearance	0.04 - 0.09 (0.002 - 0.004)	0.17 (0.007)

### FUEL SYSTEM (Programmed Fuel Injection) SPECIFICATIONS

ITEM		SPECIFICATIONS
Throttle body identification number	49 states, Canada type:	GQ63C
	California type:	GQ63B
Starter valve vacuum difference		20mm Hg
Base throttle valve for synchronization		No. 3
Idle speed		1,300 ± 100 rpm
Throttle grip free play		2 - 4 mm (1/16 - 1/8 in)
Intake air temperature sensor resistance (at 20°C/68°F)		1 - 4 kΩ
Engine coolant temperature sensor resistance (at 20°C/68°F)		2.3 - 2.6 kΩ
Fuel injection resistance (at 20°C/68°F)	Secondary injector	10.5 - 14.5 Ω
	Primary injector	10.5 - 14.5 Ω
PAIR control solenoid valve resistance (at 20°C/68°F)		20 - 24 Ω
Cam pulse generator peak voltage (at 20°C/68°F)		0.7 V minimum
Ignition pulse generator peak voltage (at 20°C/68°F)		0.7 V minimum
Manifold absolute pressure at idle		150 - 250 mm Hg
Fuel pressure at idle		343 kPa (3.5 kgf/cm <sup>2</sup> , 50 psi)
Fuel pump flow (at 12V)		189 cm <sup>3</sup> (6.4 US oz, 6.7 Imp oz) minimum/10 seconds

### COOLING SYSTEM SPECIFICATIONS

ITEM		SPECIFICATIONS
Coolant capacity	Radiator and engine	3.2 liter (3.4 US qt, 2.8 Imp qt)
	Reserve tank	0.30 liter (0.32 US qt, 0.26 Imp qt)
Radiator cap relief pressure		108 - 137 kPa (1.1 - 1.4 kgf/cm <sup>2</sup> , 16 - 20 psi)
Thermostat	Begin to open	80 - 84 °C (176 - 183 °F)
	Valve lift	8 mm (0.3 in) minimum at 90°C (194°F)
Recommended antifreeze		Pro Honda HP Coolant or an equivalent high quality ethylene glycol antifreeze containing corrosion protection inhibitors
Standard coolant concentration		1 : 1 mixture of antifreeze and soft water