

## GENERAL INFORMATION

### LUBRICATION SYSTEM SPECIFICATIONS

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Engine oil capacity	After draining	3.0 liter (3.2 US qt, 2.6 Imp qt)	–
	After oil filter change	3.1 liter (3.3 US qt, 2.7 Imp qt)	–
	After disassembly	3.8 liter (4.0 US qt, 3.3 Imp qt)	–
Recommended engine oil		Pro Honda GN4 or HP4 (without molybdenum additives) 4-stroke oil (U.S.A. and Canada), or Honda 4-stroke oil (Canada only), or an equivalent motor 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 EOP (engine oil pressure) switch		490 kPa (5.0 kgf/cm <sup>2</sup> , 71 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	A, CM type	GQA0C
	AC type	GQA0B
Starter valve vacuum difference	20mm Hg	
Base throttle valve for synchronization	No. 1	
Idle speed	1,200 ± 100 rpm	
Throttle grip free play	2 – 4 mm (1/16 – 3/16 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)	Primary injector	10.5 – 14.5 Ω
	Secondary injector	10.5 – 14.5 Ω
PAIR control solenoid valve resistance (at 20°C/68°F)	20 – 24 Ω	
CMP (Camshaft position) sensor peak voltage (at 20°C/68°F)	0.7 V minimum	
CKP (Crankshaft position) sensor 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	3.15 liter (3.33 US qt, 2.77 Imp qt)
	Reserve tank	0.4 liter (0.42 US qt, 0.35 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)
	Fully open	90 °C (194 °F)
	Valve lift	8 mm (0.3 in) minimum
Recommended antifreeze	High quality ethylene glycol antifreeze containing corrosion protection inhibitors	
Standard coolant concentration	1:1 mixture with distilled water	