

Unit: mm (in)

LUBRICATION SYSTEM			
ITEM		STANDARD	SERVICE LIMIT
Engine oil capacity	After draining	3.5 liter (3.7 US qt, 3.1 Imp qt)	—
	After draining/filter change	3.6 liter (3.8 US qt, 3.2 Imp qt)	—
	After disassembly	4.4 liter (4.6 US qt, 3.9 Imp qt)	—
Recommended engine oil		Pro Honda GN4 or HP4 (without molybdenum additives) 4-stroke oil (USA & 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 API service label. JASO T903 standard MA Viscosity: SAE 10W-40	—
Oil pressure at oil pressure switch		490 kPa (5.0 kgf/cm ² , 71 psi) at 6,000 min ⁻¹ (rpm)/(80°C/176°F)	—
Oil pump rotor	Tip clearance	0.15 (0.006)	0.20 (0.008)
	Body clearance	0.15 – 0.22 (0.006 – 0.009)	0.35 (0.014)
	Side clearance	0.02 – 0.07 (0.001 – 0.003)	0.10 (0.004)

FUEL SYSTEM (Programmed Fuel Injection)			
ITEM		SPECIFICATIONS	
Throttle body identification number	Except California type	GQ34C	
	California type	GQ34B	
Starter valve vacuum difference		2664 Pa (20 mm Hg)	
Base throttle valve for synchronization		No.2	
Idle speed		1,200 ± 100 min ⁻¹ (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 injector resistance (at 20°C/68°F)		11.1 – 12.3 Ω	
PAIR 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		200 – 250 mm Hg	
Fuel pressure at idle		343 kPa (3.5 kgf/cm ² , 50 psi)	
Fuel pump flow (at 12 V)		256 cm ³ (8.7 US oz, 9.0 Imp oz) minimum/10 seconds	