

GENERAL INFORMATION

Unit: mm (in)

Lubrication	Item	Standard	Service limit
	<p>Engine oil capacity at draining at disassembly at oil filter change</p> <p>Recommended engine oil</p> <div style="text-align: center;"> <p>OIL VISCOSITIES</p> <p>The chart shows four horizontal bars representing SAE grades: SAE 50 (approx. 0 to 100°F), SAE 40 (approx. 0 to 100°F), SAE 30 (approx. -10 to 100°F), and SAE 20 (approx. -20 to 100°F). The x-axis has two scales: Fahrenheit (-20 to 100) and Celsius (-10 to 40).</p> </div>	<p>2.9 l (3.06 US qt, 2.55 Imp qt) 3.5 l (3.70 US qt, 3.08 Imp qt) 3.1 l (3.28 US qt, 2.73 Imp qt) HONDA 4-stroke oil or equivalent. API service classification SE or SF.</p> <p>The viscosities shown in the chart may be used when the average temperature in your riding area is within the indicated range.</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
	<p>Oil pressure at oil pressure switch</p> <p>Oil pump roter tip clearance ① body clearance ② end clearance ③</p>	<p>490 kPa (5 kg/cm², 71 psi) 0.10 (0.004) 0.15–0.22 (0.006–0.009) 0.02–0.07 (0.001–0.003)</p>	<p>_____</p> <p>0.15 (0.006) 0.35 (0.014) 0.10 (0.004)</p>

Fuel system	Item	Standard	Service limit
	Carburetor identification number	VG06B VG06C	_____
	Main jet (California)	#105	_____
	(High altitude)	_____	_____
	(2, 3)	_____	_____
	(1, 4)	_____	_____
	(Front)	_____	_____
	(Rear)	_____	_____
	Slow jet	#35	_____
	Jet needle crip position	_____	_____
	Pilot screw initial opening	2-1/4 turns out	_____
	(California)	2-1/2 turns out	_____
	Pilot screw adjustment final opening	1 turn out	_____
	Pilot screw high altitude adjustment	1/2 turn in from initial opening	_____
	Air screw initial opening	_____	_____
	(California)	_____	_____
	Air screw high altitude adjustment	_____	_____
	Float level	8.0 (0.31)	_____
	Carburetor vacuum difference	Within 30 mmHg (1.2 inHg)	_____
	Base carburetor (For carburetor synchronization)	No. 2 carburetor	_____
	Idle speed (California)	1,300 ± 100 rpm	_____
	Throttle grip free play	1,400 ± 100 rpm	_____
	Accelerator pump clearance	2–6 (0.08–0.24)	_____
	Secondary air supply system	Reed valves are built into the ASV	_____
	Air injection control valve vacuum pressure	360 mmHg (14.2 inHg)	_____