Unit: mm (in

- Lubrication System	Standard	Service Limit
Engine oil capacity at draining at disassembly at oil filter change Recommended engine oil	3.6 liter (3.78 US qt, 3.17 Imp qt) 4.5 liter (4.76 US qt, 3.96 Imp qt) 3.8 liter (4.02 US qt, 4.43 Imp qt) Use Honda 4-stroke oil or equivalent API Service Classification: SE, SF or SG	
20 20W 20 W-50 20W-40 10W-30 -10 0 10 20 30 40 C 20 40 60 80 100 F	viscosity: SAE 10W-40 Other viscosities shown in the chart may be used when the average temperature in your riding area is within the indicated range.	
Oil pressure at oil pressure switch Oil pump rotor tip clearance ① body clearance ② end clearance ③	588–686 kPa (6.0–7.0kg/cm², 85–100 psi) at 5,000 min ⁻¹ (rpm) (80°C/176°F) 0.15 (0.006) 0.15–0.22 (0.006–0.009) 0.02–0.07 (0.001–0.003)	0.20 (0.008) 0.35 (0.014) 0.10 (0.004)

- Fuel System		Т
Carburetor identification number		
(G type)	VP83A	
(ED, E, ND, SP, IT, U type)	VP83B	
(F type)	VP83C	
(SW type)	VP85A	
(AR type)	VP85B	
Main jet	#122	
Slow jet (ED, E, F, ND, SP, IT, U type)	#42	
(G, SW, AR type)	#40	
Pilot screw initial opening (Except SW, AR type)	3 turns out	
(SW type)	1–3/4 turns out	
(AR type)	2–5/8 turns out	
Float level	13.7 (0.54)	
Carburetor vacuum difference	20 mm Hg (0.8 in Hg)	
Base carburetor (For carburetor synchronization)	No.3	
Idle speed (Except SW, AR type)	1,000 ± 100 min ⁻¹ (rpm)	
(SW type)	1,050 ± 50 min ⁻¹ (rpm)	
(AR type)	1,050 ± 100 min ⁻¹ (rpm)	
Throttle grip free play	2–6 (0.08–0.24)	
Secondary air supply system (SW, AR type)	Reed valves are built into the ASV	
Air injection control valve vacuum pressure		
(SW, AR type)	420 mm Hg (16.5 in Hg)	