Lubrication SystemItem	Standard	Service Limit
Engine oil capacity at draining at disassembly at oil filter change	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)	
Recommended engine oil	Use Honda 4-stroke oil or equivalent API Service Classification: SE, SF or SG viscosity: SAE 10W-40	
20,20W 30	Other viscosities shown in the chart may be used when the average temperature in your riding area is within the indicated	
20W-50 20W-40 10W-40	range.	
10 W - 30 10 0 10 20 30 40 C 20 40 60 80 100 F		
Dil pressure at oil pressure switch	588–686 kPa (6.0–7.0kg/cm², 85–100 psi) at 5,000 min ⁻¹ (rpm) (80°C/176°F)	
Oil pump rotor tip clearance ① body clearance ② end clearance ③	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		T
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	l —
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)	