

7. ENGINE REMOVAL/INSTALLATION

SERVICE INFORMATION	7-1	ENGINE INSTALLATION	7-5
DRIVE SPROCKET REMOVAL	7-2	DRIVE SPROCKET INSTALLATION	7-8
ENGINE REMOVAL	7-3		

SERVICE INFORMATION

GENERAL

- During engine removal and installation, support the motorcycle using a work stand.
- The following components can be serviced with the engine installed in the frame.
 - Alternator (Section 11)
 - Carburetor (Section 5)
 - Clutch/kickstarter/gearshift linkage (Section 10)
 - Cylinder head/valves (Section 8)
 - Cylinder/piston (Section 9)
 - Oil pump (Section 4)
 - Water pump (Section 6)
- The following components require engine removal for service.
 - Crankshaft/balancer (Section 12)
 - Transmission (Section 13)

7

SERVICE DATA

ITEM	SPECIFICATIONS
Engine dry weight	40.9 kg (90.2 lbs)
Coolant capacity (radiator and engine)	1.52 l (1.61 US qt, 1.34 Imp qt)
Engine oil capacity at disassemble	2.0 l (2.1 US qt, 1.8 Imp qt)

TORQUE VALUES

Engine hanger plate nut (8 mm)	26 N·m (2.7 kgf·m, 20 lbf·ft)
(10 mm)	54 N·m (5.5 kgf·m, 40 lbf·ft)
Swingarm pivot nut	108 N·m (11.0 kgf·m, 80 lbf·ft)
Brake pedal pivot bolt	25 N·m (2.6 kgf·m, 19 lbf·ft)
Right footpeg mounting bolt	54 N·m (5.5 kgf·m, 40 lbf·ft)
Drive sprocket bolt	12 N·m (1.2 kgf·m, 9 lbf·ft)