

7. ENGINE REMOVAL/INSTALLATION

SERVICE INFORMATION

7-1

ENGINE INSTALLATION

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ENGINE REMOVAL

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SERVICE INFORMATION

GENERAL

- During engine removal and installation, support the motorcycle using a hoist or an equivalent.
- Support the engine using a jack or other adjustable support to ease of engine hanger bolts removal.

CAUTION:

Do not use the oil filter as a jacking point.

- The following components can be serviced with the engine installed in the frame.
 - Alternator/starter clutch (Section 10)
 - Clutch (Section 9)
 - Cylinder head/valves (Section 8)
 - Gearshift linkage (Section 9)
 - Oil cooler (Section 4)
 - Oil pump (Section 4)
 - Water pump (Section 6)
- The following components require engine removal for service.
 - Crankshaft/transmission (Section 12)
 - Piston/cylinder (Section 11)

SERVICE DATA

ITEM		SPECIFICATIONS
Engine dry weight		61.9 kg (136.5 lbs)
Coolant capacity	Radiator and engine	2.0 ℓ (2.1 US qt, 1.8 Imp qt)
Engine oil capacity	At disassembly	4.2 ℓ (4.4 US qt, 3.7 Imp qt)

TORQUE VALUES

Drive sprocket special bolt	54 N·m (5.5 kgf·m, 40 lbf·ft)
Front engine hanger bolt/nut	54 N·m (5.5 kgf·m, 40 lbf·ft)
Engine hanger bracket bolt	22 N·m (2.2 kgf·m, 16 lbf·ft)
Rear engine hanger bolt/nut (upper)	54 N·m (5.5 kgf·m, 40 lbf·ft)
Rear engine hanger bolt/nut (lower)	54 N·m (5.5 kgf·m, 40 lbf·ft)
Gearshift pedal link bolt (gearshift spindle side)	20 N·m (2.0 kgf·m, 14 lbf·ft)