

**CAUTION**

- Do not jack up the motorcycle using the oil filter or the oil cooler

**NOTE**

- A floor jack or other adjustable support is required to support and maneuver the engine. The jack height must be continually adjusted to relieve stress for ease of bolt removal.
- Turn the ignition switch OFF and disconnect the battery ground cable.

**Requisite Service**

- Side fairing removal (page 2-3)
- Exhaust system removal/installation (page 2-10)

Procedure	Q'ty	Remarks
<b>Removal Other</b>		Installation is in the reverse order of removal.
(1) Alternator connector (3P)	1	
(2) Pulse generator connector (2P mini)	1	
(3) 3P mini connector (oil pressure switch wire/ neutral switch wire/thermo sensor wire)	1	
(4) Spark plug cap	4	
(5) Cylinder head cover breather tube	1	
(6) Clutch cable holder	1	
(7) Starter motor ground wire	1	
(8) Starter motor wire	1	
(9) Drive sprocket	1	Refer to page 7-4 for removal and installation.
(10) Gearshift pedal link	1	Install the link with the punch marks on the link and gear-shift spindle.
(11) Water hose	2	Disconnect the water hoses at the engine side.
(12) Front engine hanger bolt	2	
(13) Collar (long/short)	1/1	Install the long one to the left hanger arm and the short one to the right.
(14) Engine hanger plate bolt (10mm)	2	
(15) Collar	2	
(16) Engine hanger plate bolt (8mm)	4	
(17) Engine hanger plate	2	
(18) Rear lower engine hanger bolt	1	
(19) Rear upper engine hanger nut	1	
(20) Rear upper engine hanger bolt	1	
(21) Engine hanger adjusting bolt lock nut	1	Refer to page 7-4 for installation.
(22) Engine hanger adjusting bolt	1	
(23) Engine assembly	1	NOTE • When setting the engine on the floor, set it carefully not to break the long limbs on the oil pump.