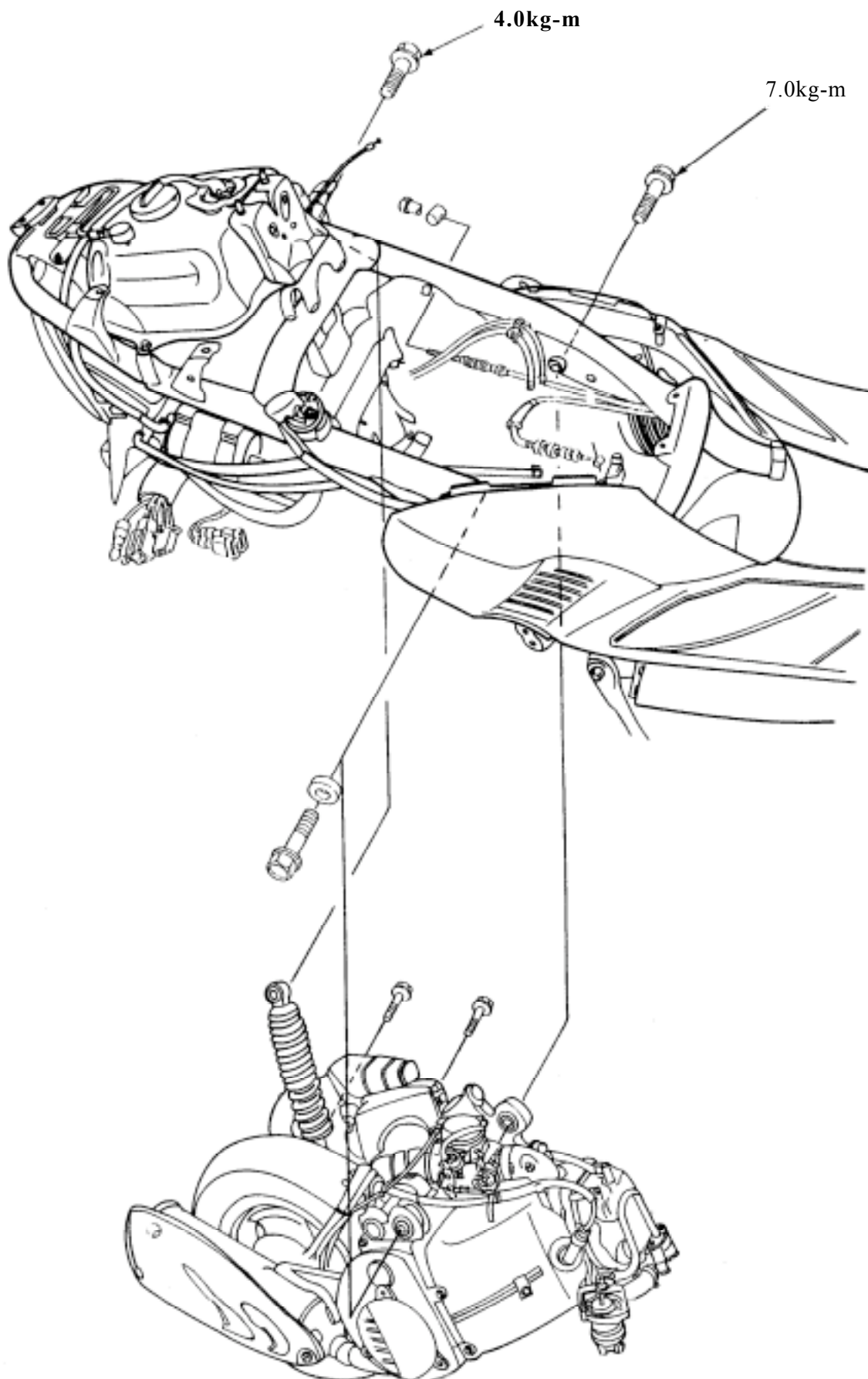


6. ENGINE REMOVAL/INSTALLATION



6. ENGINE REMOVAL/INSTALLATION

SERVICE INFORMATION.....	6-1	ENGINE INSTALLATION.....	6-4
ENGINE REMOVAL	6-2		

SERVICE INFORMATION

GENERAL INSTRUCTIONS

- A floor jack or other adjustable support is required to support and maneuver the engine. Be careful not to damage the motorcycle body, cables and wires during engine removal.
- Use shop towels to protect the motorcycle body during engine removal.
- Parts requiring engine removal for servicing:
 - ☐ Crankcase
 - ☐ Crankshaft

6. ENGINE REMOVAL/INSTALLATION

ENGINE REMOVAL

Disconnect the battery negative cable.
Remove the frame body cover. (⇒2-2)
Disconnect the engine negative cable.
Disconnect the spark plug high tension wire.
Disconnect the auto bystarter wire connector.

Disconnect the starter motor cable from the starter relay.
Remove the spark plug cap and disconnect the ignition coil wire from the set plate.

Disconnect the fuel tube at the carburetor side.
Disconnect the auto fuel valve vacuum tube from the tee tube.
Disconnect the throttle cable from the carburetor.

Loosen the drive belt air cleaner connecting tube band screw and remove the connecting tube.



Auto Bystarter Wire

Ignition Coil Wire Starter Relay

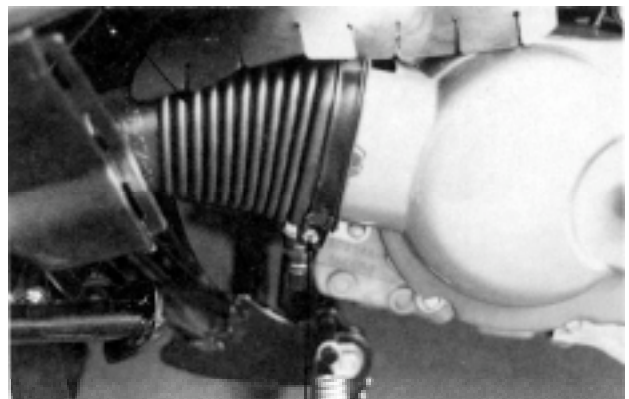


Starter Motor Cable
Vacuum Tube Fuel Tube



Tee Tube

Connecting Tube



Screw

6. ENGINE REMOVAL/INSTALLATION

Remove the air cleaner bolts.
Remove the rear brake adjusting nut,
connecting pin and rear brake cable.



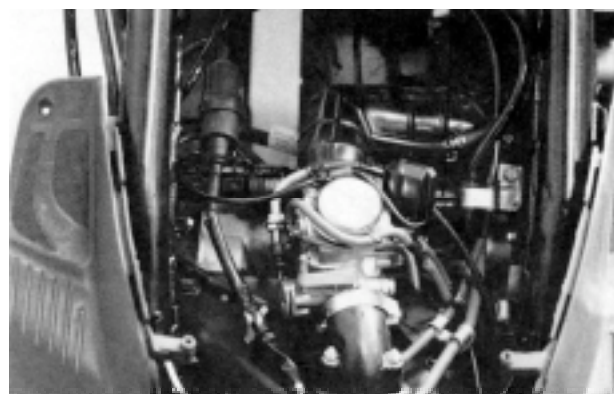
Rear Shock Absorber Upper Mount Bolt

Remove the rear shock absorber upper mount
bolt.



Remove the four A.C. generator cooling fan
cover bolts and cooling fan cover.
Remove the engine mounting bolt and pull out
the engine with the engine hanger bracket
backward.

Engine Mounting Bolt

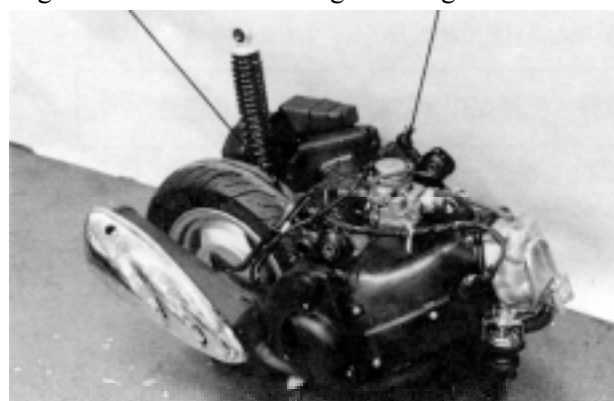


ENGINE HANGER BRACKET REMOVAL

Remove the ignition coil from the engine
hanger.
Remove the engine hanger bracket bolt and
nut.
Remove the engine hanger bracket.

Ignition Coil

Engine Hanger Bracket



6. ENGINE REMOVAL/INSTALLATION

Inspect the engine hanger bushings and stopper rubbers for wear or damage.

ENGINE HANGER BRACKET INSTALLATION

Install the engine hanger bracket to the engine. Install the engine hanger bracket bolt and tighten the nut.

ENGINE INSTALLATION

Install the engine and tighten the engine mounting bolt.

Torque: 7.0kg-m

Tighten the rear shock absorber upper mount bolt.

Torque: 4.0kg-m

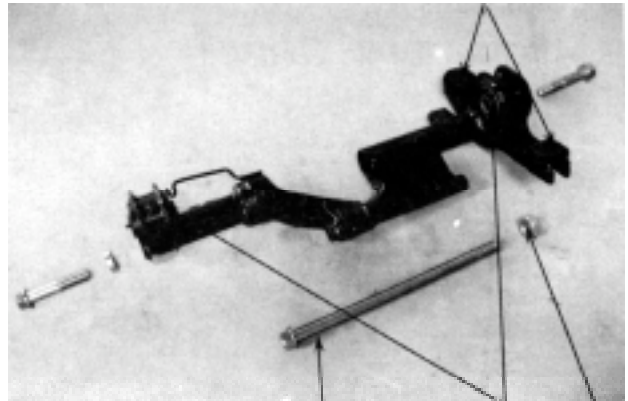
Install the removed parts in the reverse order of removal.

* Route the wires and cables properly.

After installation, inspect and adjust the following:

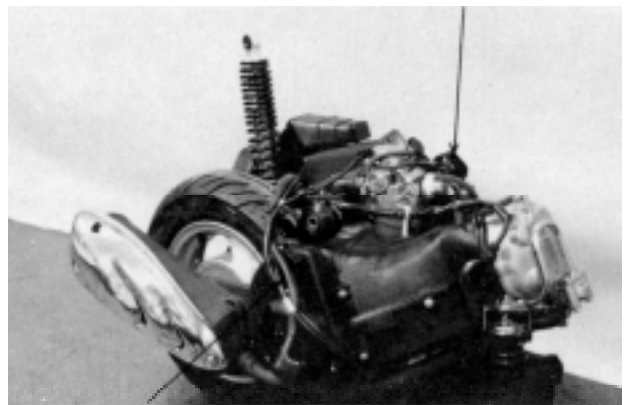
- Throttle grip free play (⇒3-3)
- Rear brake adjustment (⇒3-8)

Stopper Rubbers



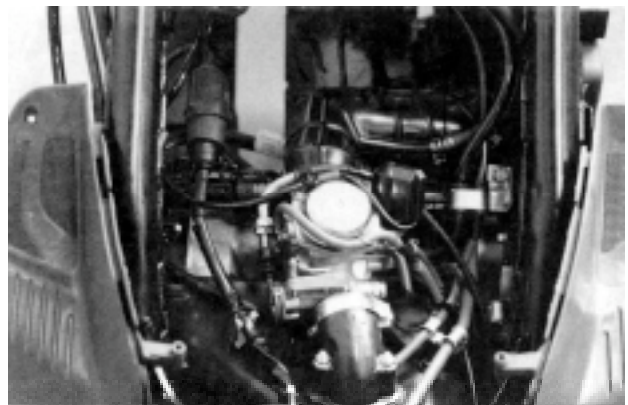
Bolt

Bushings Nut
Engine Hanger Bracket



Nut

Engine Mounting Bolt



Rear Shock Absorber Upper Mount Bolt

