

6. ENGINE REMOVAL/INSTALLATION

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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

FILLY LX 50

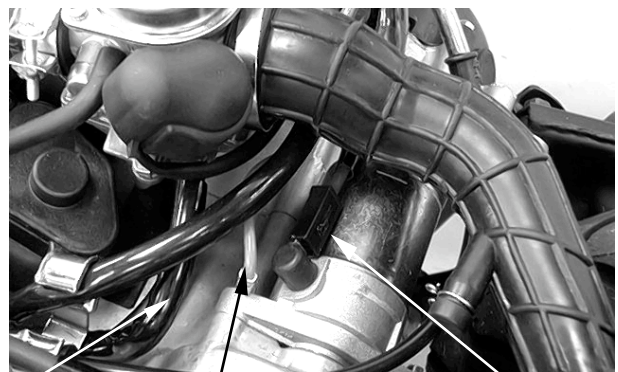
ENGINE REMOVAL

Disconnect the battery negative cable.
Remove the frame body cover. (⇒2-3)
Disconnect the spark plug high tension wire.
Disconnect the auto bystarter wire connector.
Disconnect the A.C. generator wire connector.



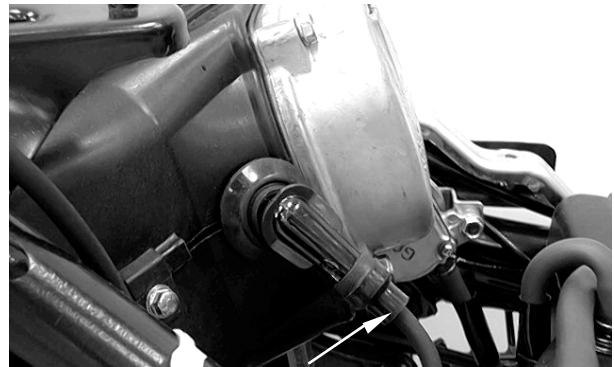
Negative Cable Auto Bystarter Wire Connector

Disconnect the starter motor cable and earth cable from the starter motor.
Remove the fuel tube.



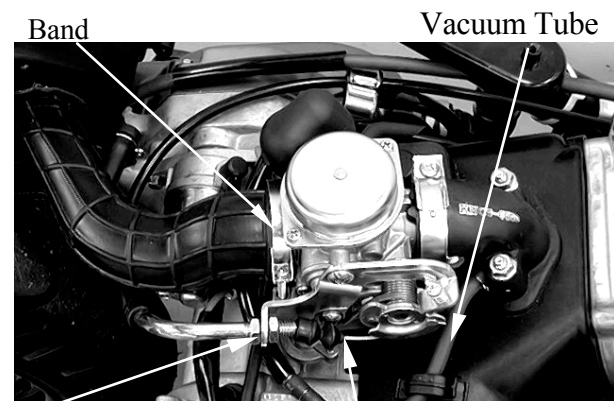
fuel tube Earthr Cable Starter Motor Cable

Remove the spark plug cap.



Spark Plug High Tension Wire

Disconnect the vacuum tube.
Loosen the throttle cable adjusting nut and lock nut, and disconnect the throttle cable from the carburetor.



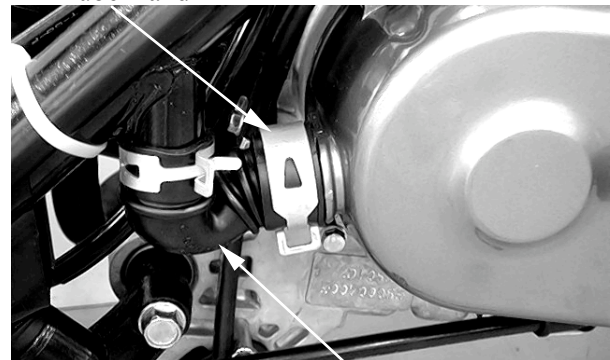
Band Vacuum Tube
Lock Nut Adjusting Nut

6. ENGINE REMOVAL/INSTALLATION

FILLY LX 50

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

Air Tube Band



connecting tube

Remove the rear brake adjusting nut, connector pin rear brake cable.



Adjusting Nut

Remove the rear shock absorber upper mount bolt.

Rear Shock Absorber Upper Mount Bolt



Remove the engine mounting bolt and move the motorcycle forward to separate it from the engine.
Support the motorcycle with a floor jack.



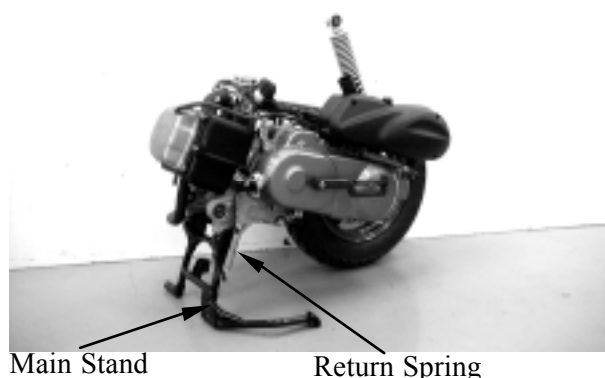
Engine Hanger
Bracket Bolt

Engine Mounting Bolt

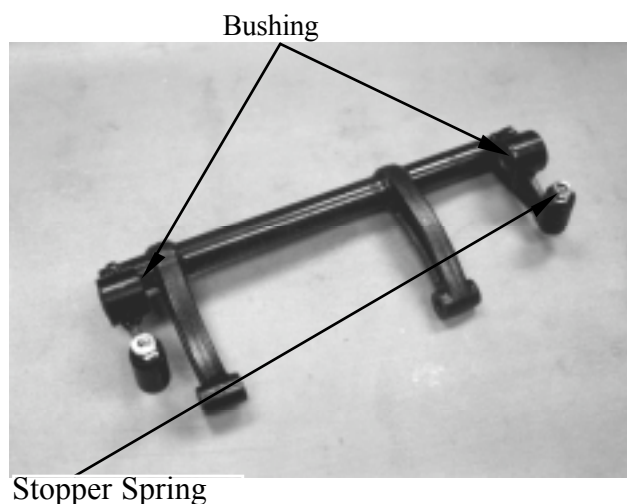
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ENGINE HANGER BRACKET REMOVAL

Remove the return spring from the main stand.
Remove the main stand.

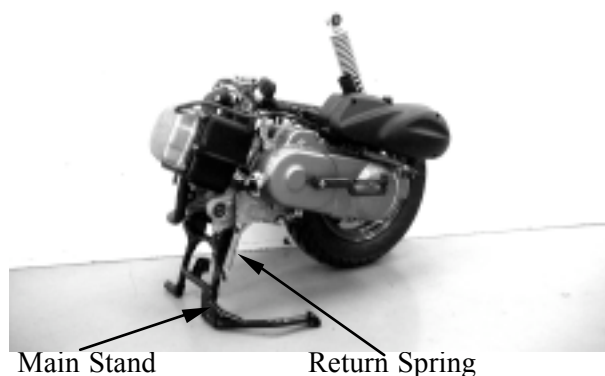


Remove the engine hanger bracket bolts and engine hanger bracket.
Inspect the engine hanger bushings and stopper spring for wear or damage.



ENGINE HANGER BRACKET INSTALLATION

Install the engine hanger bracket to the chassis and tighten the bolt.
Install the main stand onto the engine and install the return spring.



ENGINE INSTALLATION

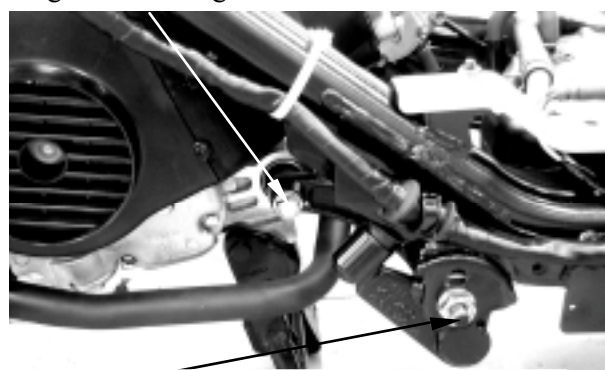
Install the engine and tighten the engine mounting bolt.

Torque: 4.5~5.5kgf-m

Tighten the rear shock absorber upper mount bolt.

Torque: 4.5~5.5kgf-m

Engine Mounting Bolt



Engine Hanger Bracket Bolt

6. ENGINE REMOVAL/INSTALLATION

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)

Rear Shock Absorber Upper Mount Bolt

