

3. FRAME/BODY PANELS/EXHAUST SYSTEM

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SERVICE INFORMATION

GENERAL

- This section covers removal and installation of the body panels, fuel tank and exhaust system.
- Always replace the gaskets after removing the exhaust system.
- Always inspect the exhaust system for leaks after installation.

TORQUE VALUES

Footpeg bracket bolt	42 N·m (4.3 kgf·m, 31 lbf·ft)
Skid plate bolt	30 N·m (3.1 kgf·m, 22 lbf·ft)
Muffler mounting nut	32 N·m (3.3 kgf·m, 24 lbf·ft)
Exhaust pipe band bolt	23 N·m (2.3 kgf·m, 17 lbf·ft)

TROUBLESHOOTING

Excessive exhaust noise

- Broken exhaust system
- Exhaust gas leak

Poor performance

- Deformed exhaust system
- Exhaust gas leak
- Clogged muffler

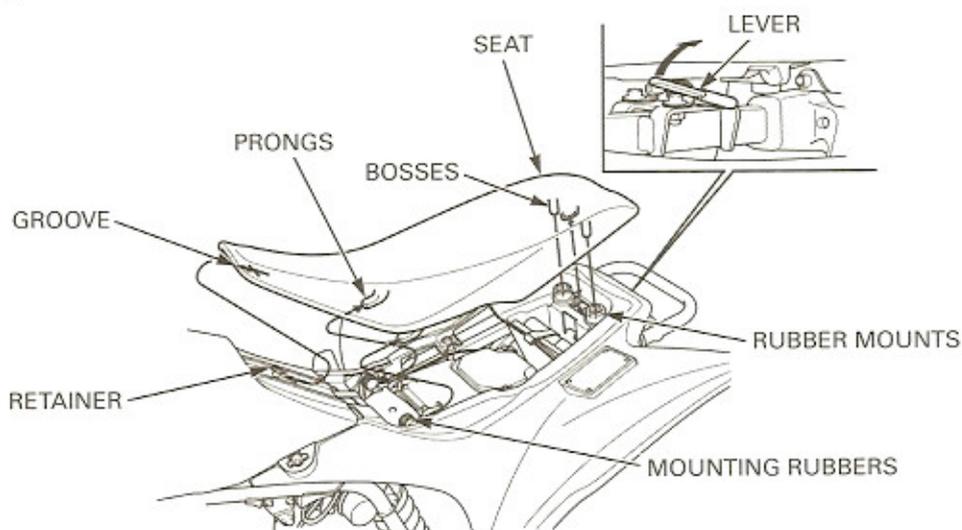
SEAT**REMOVAL**

Unlock the seat by pulling the release lever up.
Pull the seat back and remove it.

INSTALLATION

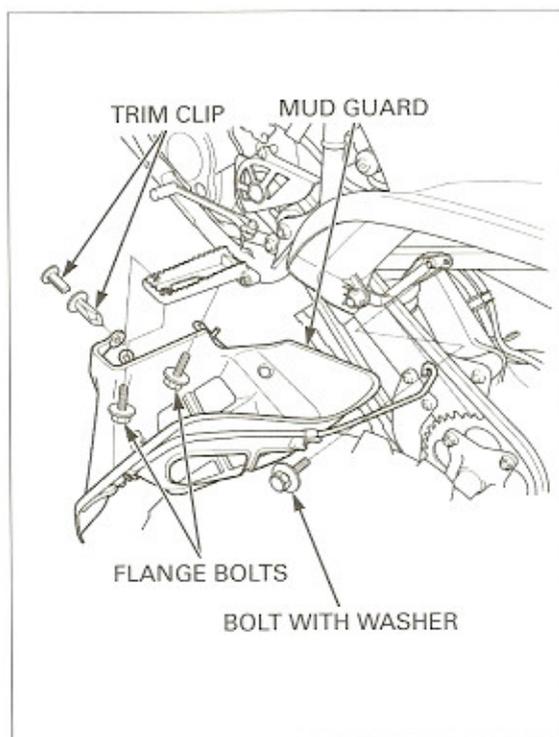
Install the seat by inserting the groove under the retainer, and the prongs under the mounting rubbers.

Push the seat forward and align the mounting bosses with the rubber mounts, then press down to lock it.

**MUD GUARD/FOOTPEG****REMOVAL**

Remove the following:

- trim clip
- bolt with washer
- flange bolts
- mud guard



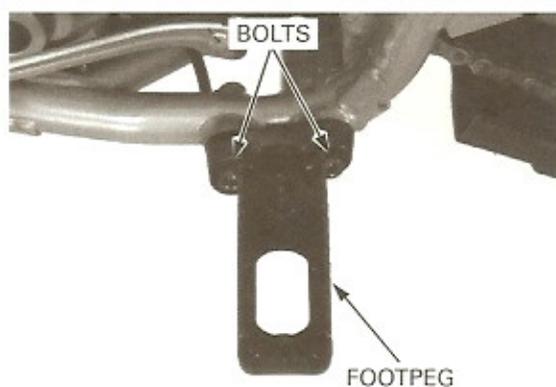
FRAME/BODY PANELS/EXHAUST SYSTEM

Remove the two bolts and footpeg.

INSTALLATION

Install the footpeg and tighten the two bolts.

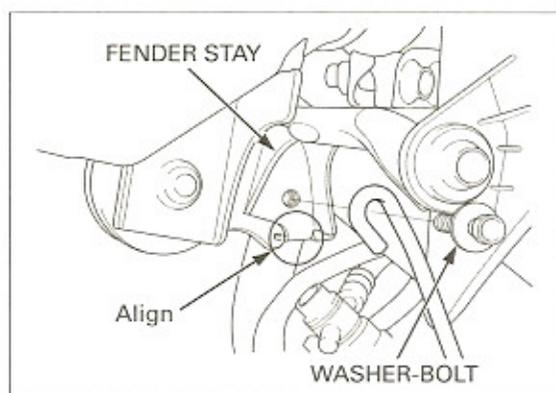
TORQUE: 42 N-m (4.3 kgf-m, 31 lbf-ft)



When installing the bolt with washer for right side mud guard, align the fender stay tab with the hole in the frame as shown.

Install the following:

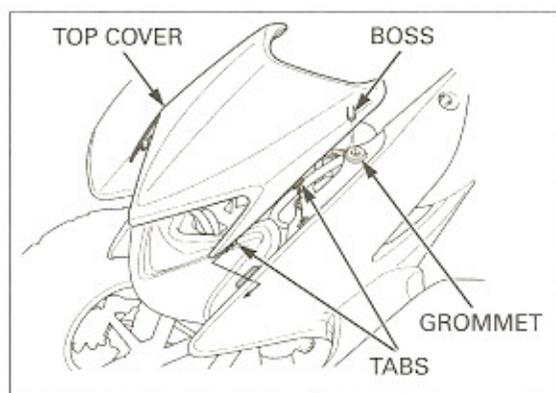
- mud guard
- flange bolts
- washer-bolt
- trim clip



TOP COVER

Remove the two bosses from the grommets and remove the top cover by releasing the four tabs.

Install the top cover in the reverse order of removal.

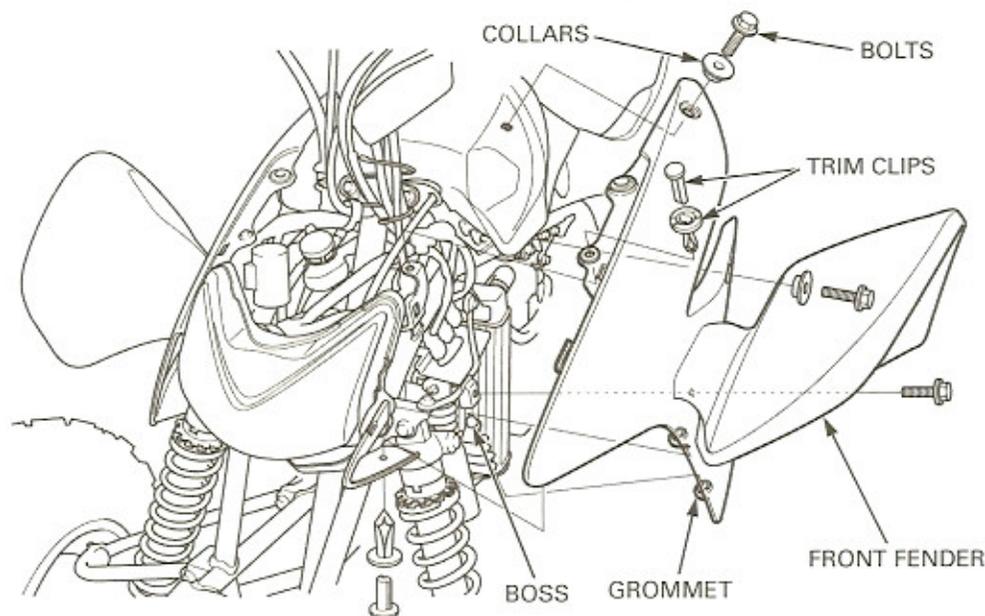


FRONT FENDER

Remove the following:

- top cover (page 3-4)
- two trim clips
- three bolts and two collars
- front fender by releasing the grommet from the boss of the radiator grille.

Install the front fender in the reverse order of removal.



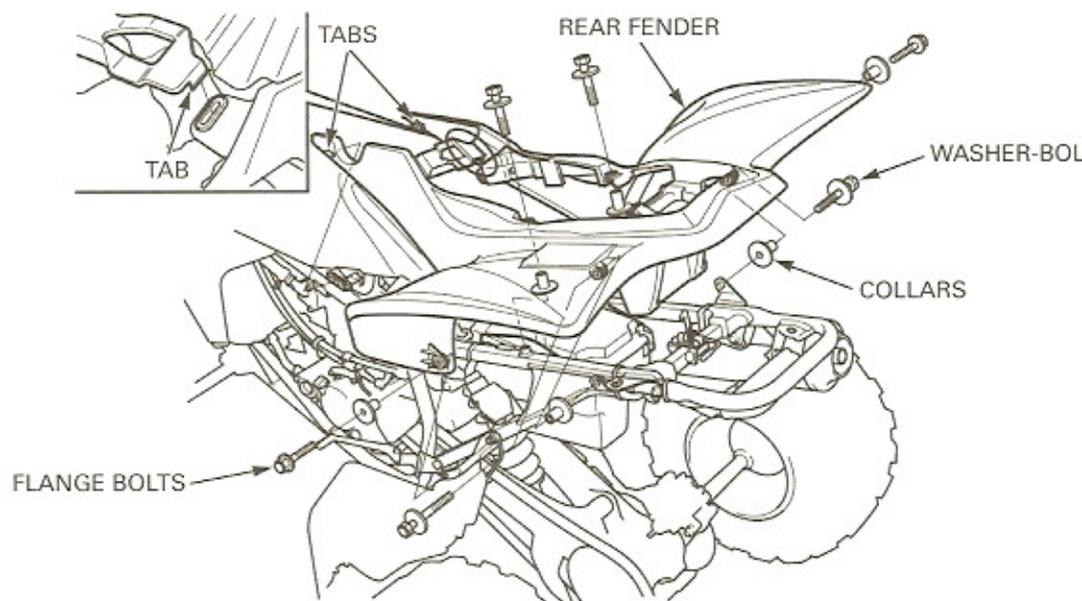
REAR FENDER

Remove the seat (page 3-3).

Release the three tabs from the grommets.

Remove the two flange bolts, four washer-bolts, six collars and the rear fender.

Install the rear fender in the reverse order of removal.

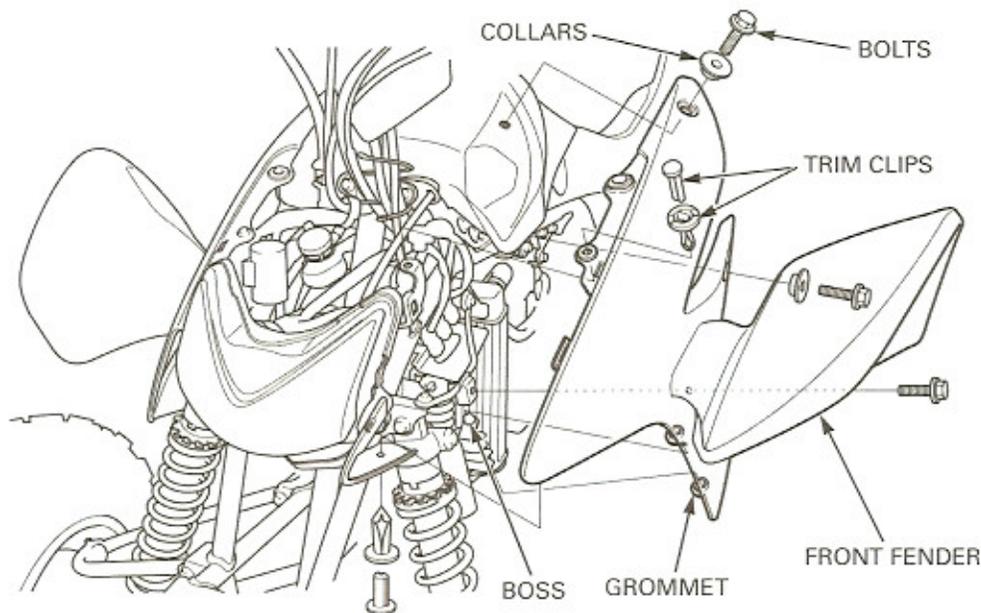


FRONT FENDER

Remove the following:

- top cover (page 3-4)
- two trim clips
- three bolts and two collars
- front fender by releasing the grommet from the boss of the radiator grille.

Install the front fender in the reverse order of removal.



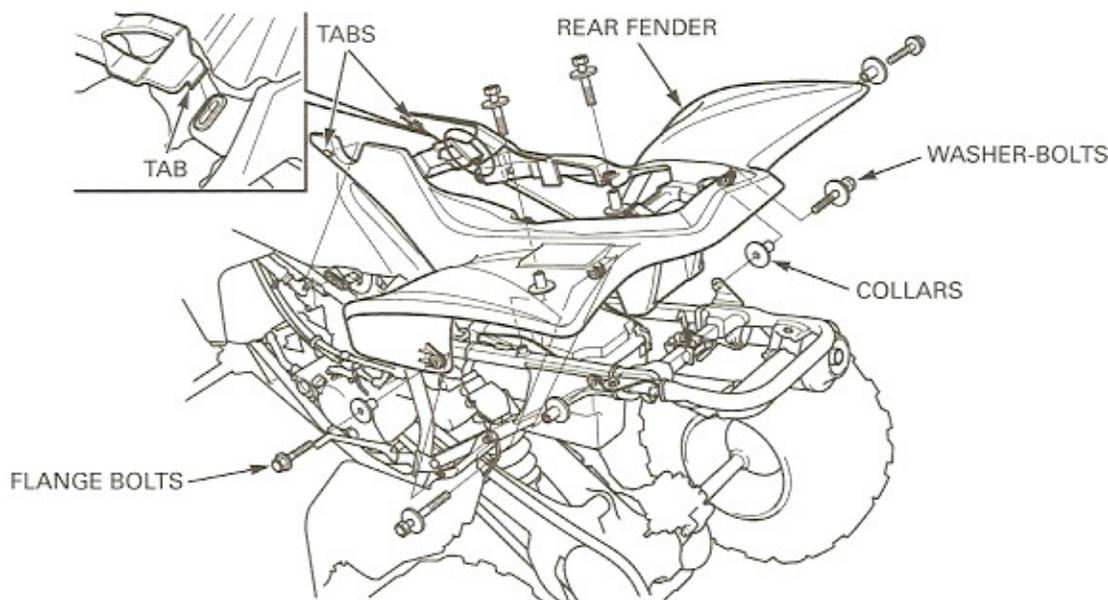
REAR FENDER

Remove the seat (page 3-3).

Release the three tabs from the grommets.

Remove the two flange bolts, four washer-bolts, six collars and the rear fender.

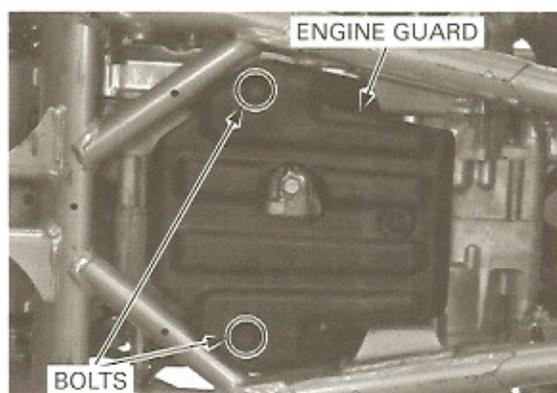
Install the rear fender in the reverse order of removal.



ENGINE GUARD

Remove the three bolts and engine guard.

Install the engine guard and tighten the three bolts securely.

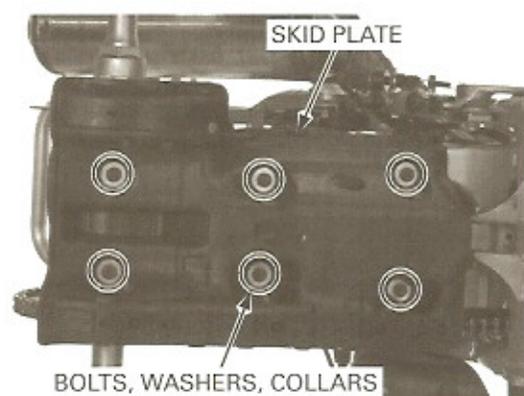


SKID PLATE

Remove the six bolts, washers, collars and the skid plate.

Install the skid plate with the six collars, washers and new bolts, and tighten the bolts.

TORQUE: 30 N·m (3.1 kgf·m, 22 lbf·ft)



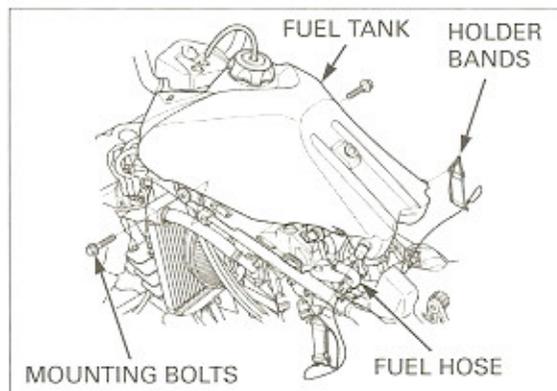
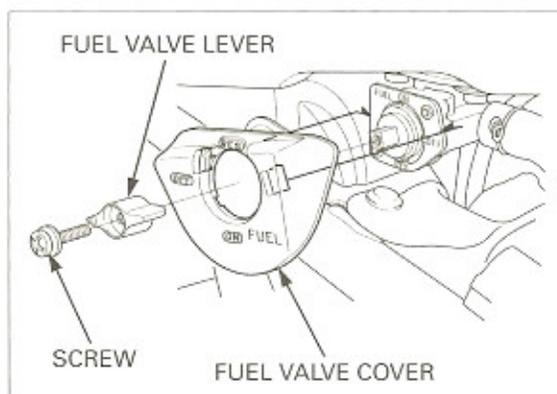
FUEL TANK

Remove the following:

- seat (page 3-3)
- front fender (page 3-5)
- rear fender (page 3-5)
- screw and fuel valve lever
- fuel valve cover

Disconnect the fuel hose from the fuel valve.
Remove the holder bands, mounting bolts and the fuel tank.

Install the fuel tank in the reverse order of removal.

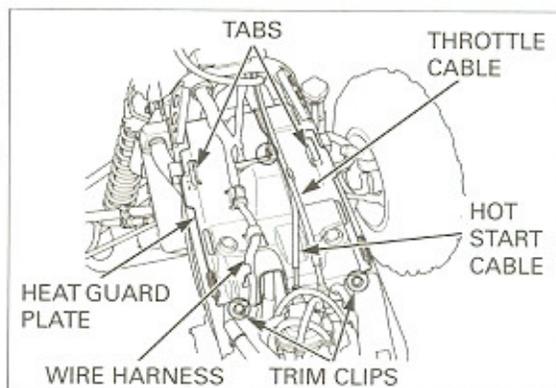


HEAT GUARD PLATE

Remove the throttle cable, hot start cable and main wire harness from the clamps of the heat guard plate.

Remove the two trim clips and the heat guard plate by releasing the two tabs.

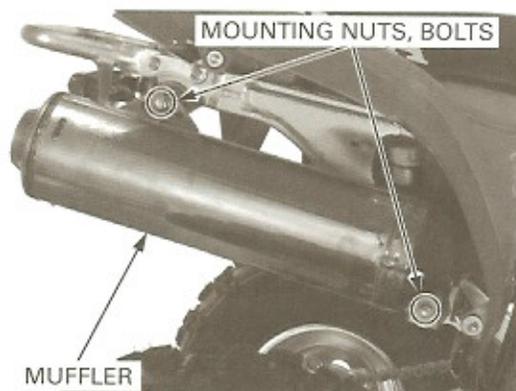
Install the heat guard plate in the reverse order of removal.



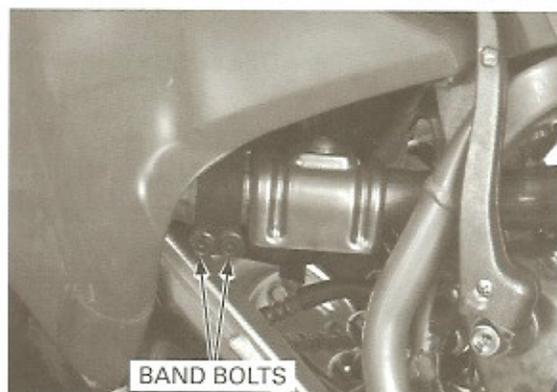
EXHAUST SYSTEM

REMOVAL

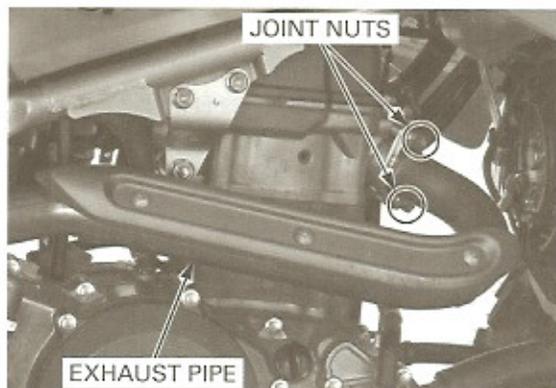
Remove the two mounting nuts, bolts, washers and collars.



Loosen the two muffler band bolts, and remove the muffler and gasket.



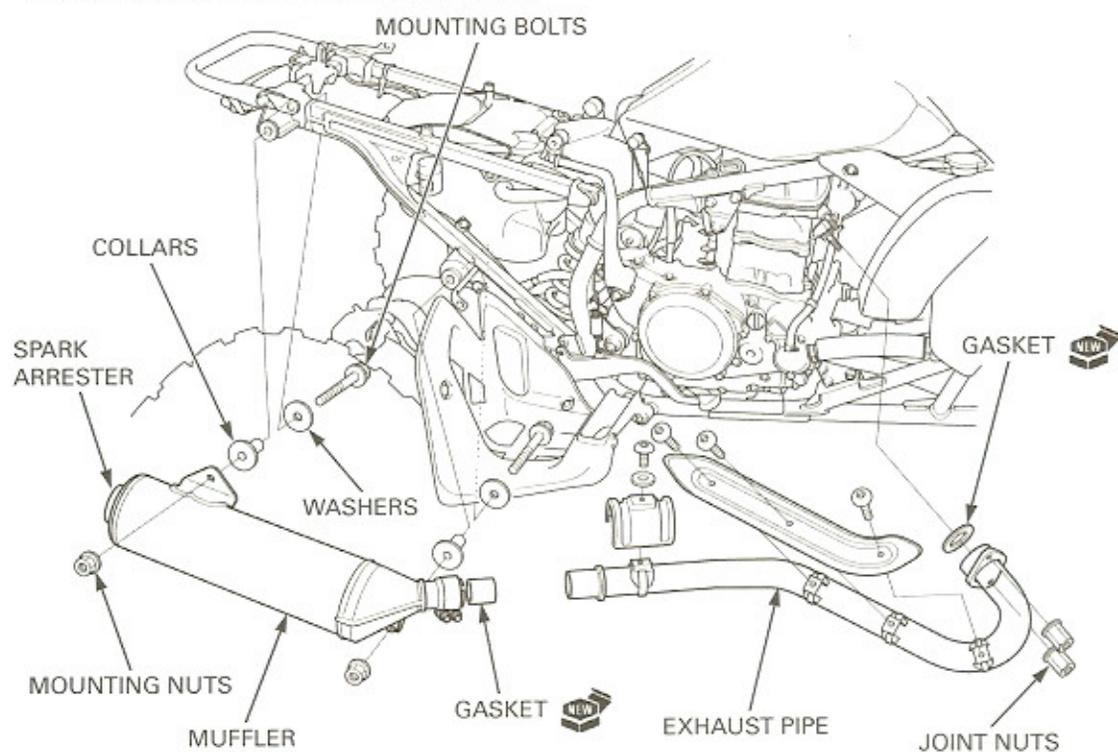
Remove the two joint nuts, exhaust pipe and gasket.



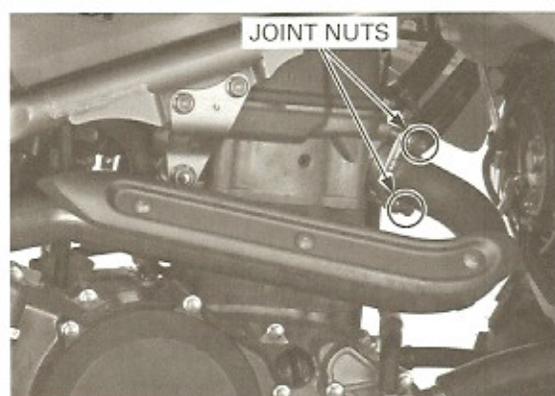
INSTALLATION

Loosely install the following:

- new gasket
- exhaust pipe
- two joint nuts
- new gasket
- muffler
- two collars, washers, mounting bolts and nuts

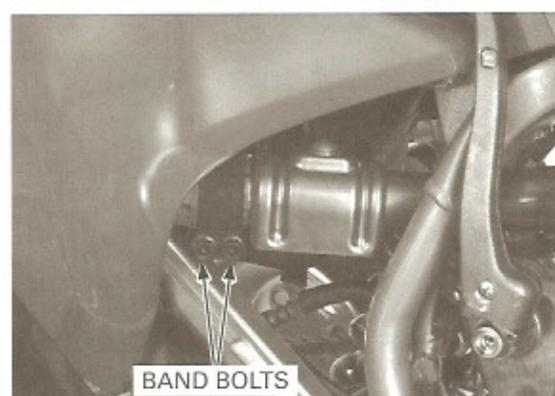


Tighten the exhaust pipe joint nuts securely.



Tighten the exhaust pipe band bolts.

TORQUE: 23 N-m (2.3 kgf-m, 17 lbf-ft)



Tighten the muffler mounting nuts.

TORQUE: 32 N-m (3.3 kgf-m, 24 lbf-ft)

