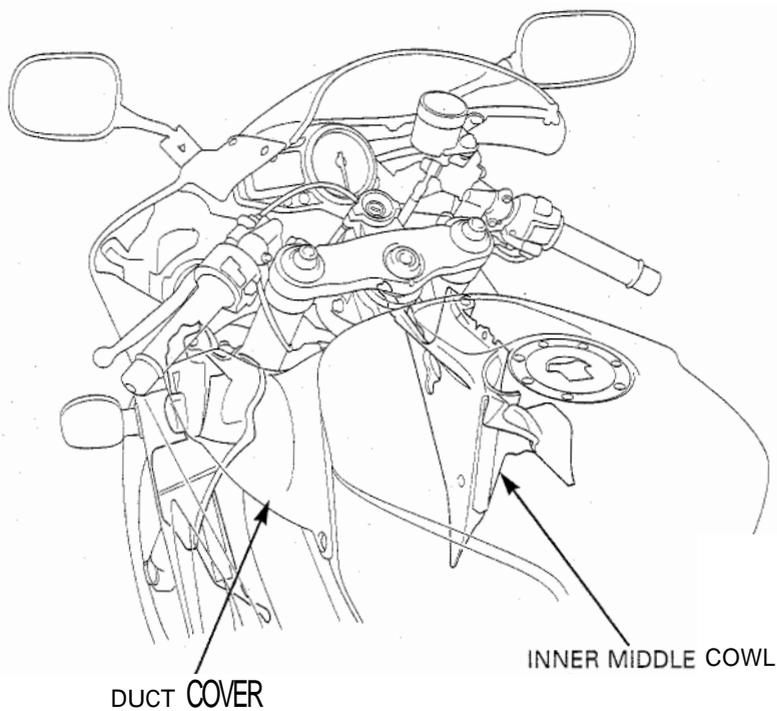
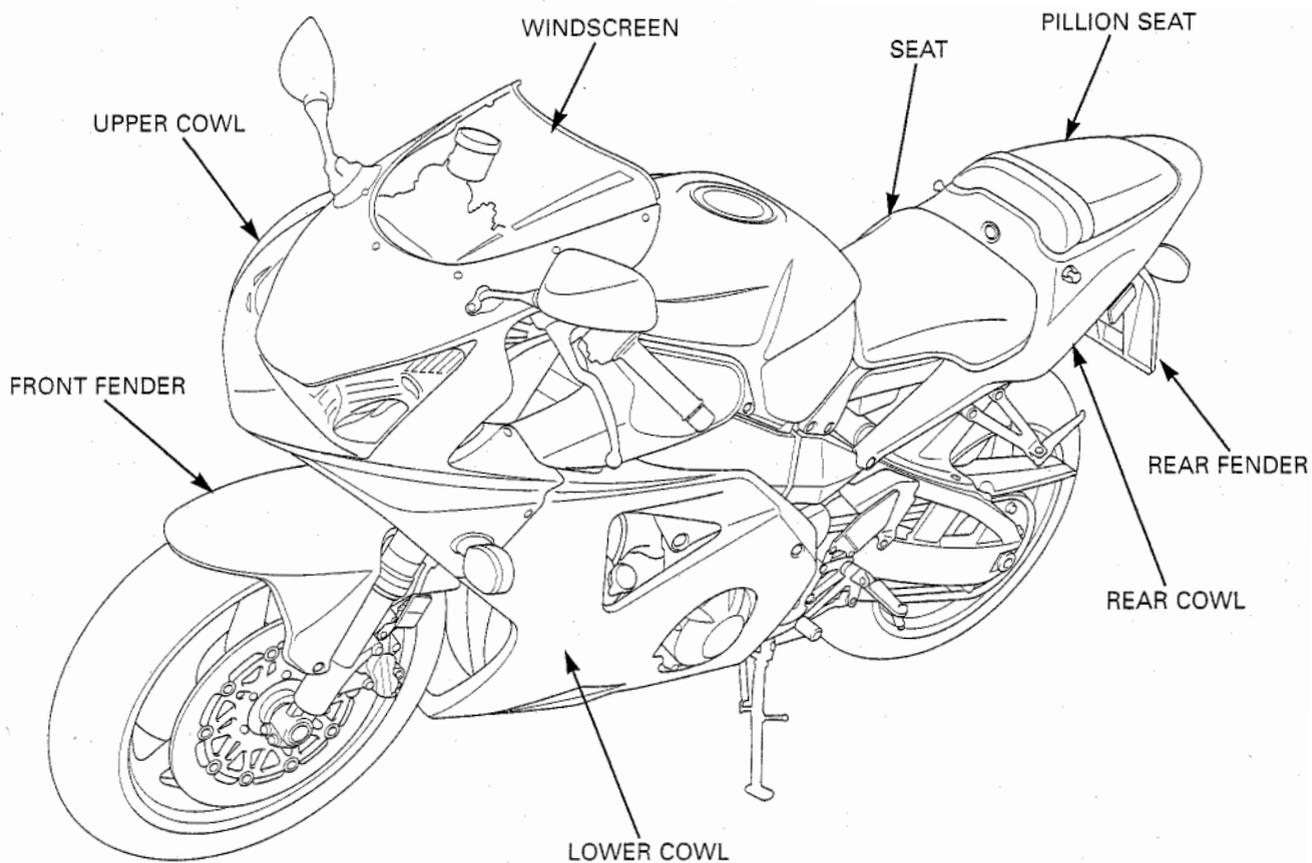


# BODY PANEL LOCATIONS



# 2, FRAME/BODY PANEL EXHAUST SYSTEM

2

<b>BODY PANEL LOCATIONS</b>	<b>2-0</b>	<b>LOWER COWL</b>	<b>2-7</b>
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## SERVICE INFORMATION

### GENERAL

- This section covers removal and installation of the body panels and exhaust system.
- Always replace the exhaust pipe gaskets after removing the exhaust pipe from the engine.
- When installing the exhaust system, loosely install all of the exhaust pipe fasteners. Always tighten the exhaust clamps first, then tighten the mounting fasteners. If you tighten the mounting fasteners first, the exhaust pipe may not seat properly.
- Always inspect the exhaust system for leaks after installation.

### TORQUE VALUES

Upper cowl pan screw	1.5 N•m (0.15 kgf•m, 1.1 lbf•ft)	
Lower cowl pan screw	1.5 N•m (0.15 kgf•m, 1.1 lbf•ft)	
Rear cowl truss screw	1.5 N•m (0.15 kgf•m, 1.1 lbf•ft)	
Pillion seat mounting nut	11 N•m (1.1 kgf•m, 8 lbf•ft)	U-nut
Pillion seat hinge special screw	12 N•m (1.2 kgf•m, 9 lbf•ft)	
Duct cover mounting screw	1.5 N•m (0.15 kgf•m, 1.1 lbf•ft)	
Windscreen mounting screw	0.3 N•m (0.03 kgf•m, 0.22 lbf•ft)	
Seat rail mounting bolt, 8 mm	39 N•m (4.0 kgf•m, 29 lbf•ft)	
Seat rail mounting nut, 10 mm	39 N•m (4.0 kgf•m, 29 lbf•ft)	
Pillion step mounting socket bolt	39 N•m (4.0 kgf•m, 29 lbf•ft)	
Exhaust pipe joint nut	12 N•m 1.2 kgf•m, 9 lbf•ft)	
EGCV cover mounting bolt	12 N•m 1.2 kgf•m, 9 lbf•ft)	
EGCV pulley cover mounting bolt	12 N•m 1.2 kgf•m, 9 lbf•ft)	

## TROUBLESHOOTING

### Excessive exhaust noise

- Broken exhaust system
- Exhaust gas leak

### Poor performance

- Deformed exhaust system
- Exhaust gas leak
- Clogged muffler

## **SEAT**

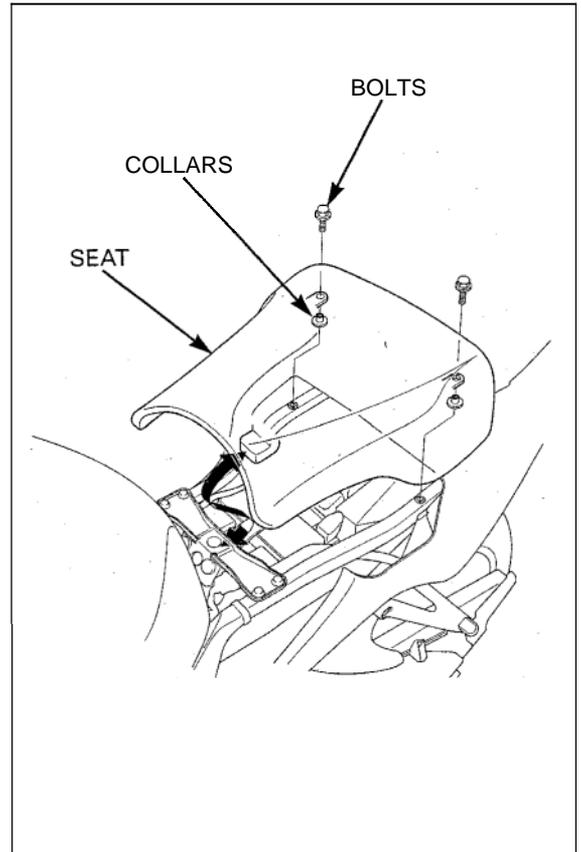
### **REMOVAL**

Remove the two seat mounting bolts behind the seat.

Slide the seat back and then off.  
Remove the mounting collars.

### **INSTALLATION**

Install the collars into the seat bottom plate as shown.  
Align the seat hook with the fuel tank rear bracket and install the seat.  
Install and tighten the bolts securely.

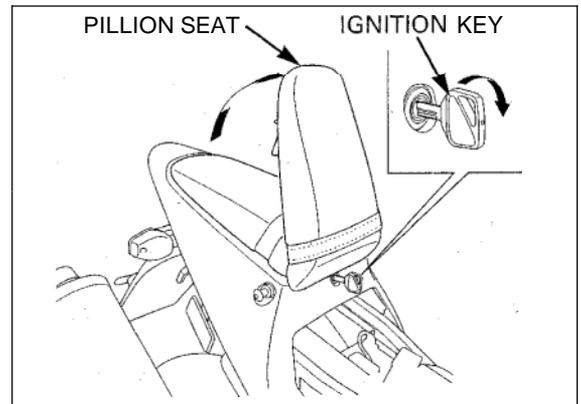


## **PILLION SEAT/REAR COWL**

### **REMOVAL**

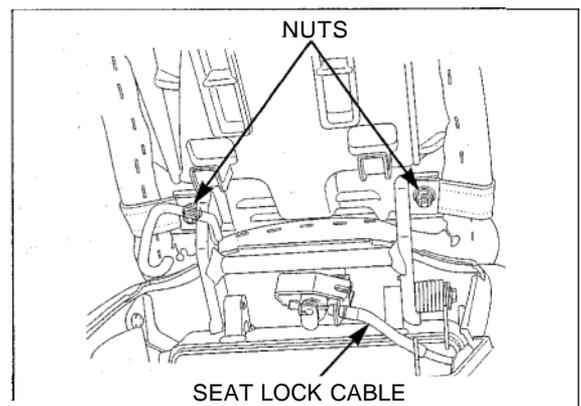
Remove the seat (see above).

Open the pillion seat using the ignition key.



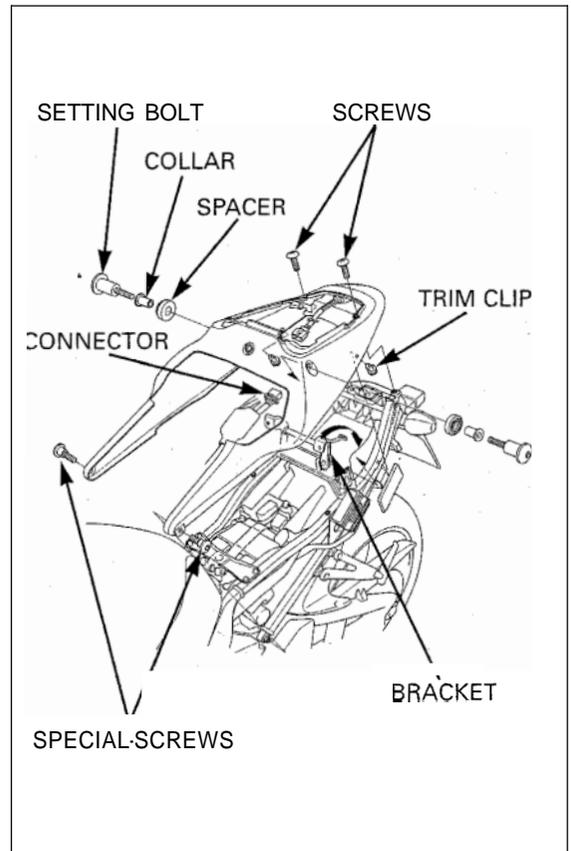
Remove the pillion seat mounting nuts, then remove the seat belt and pillion seat.

Disconnect the seat lock cable from the key cylinder.

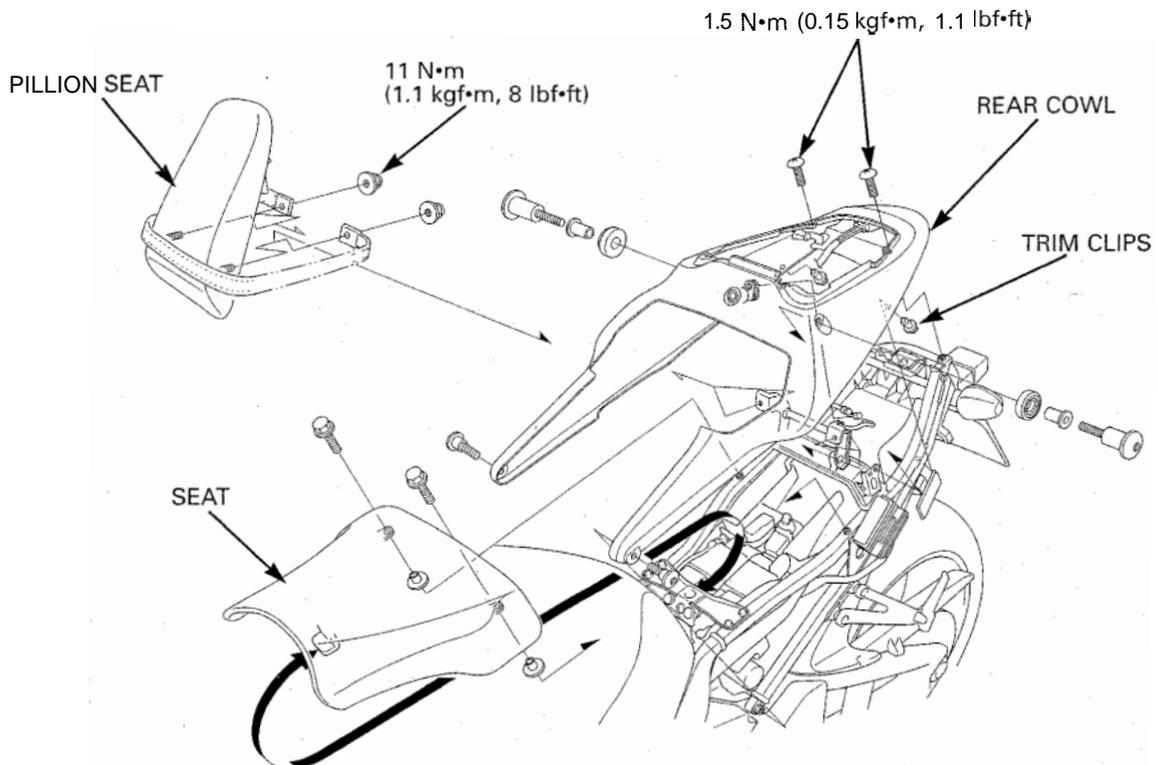


Remove the two trim clips.  
Remove the screws, special screws, setting bolts, collars and spacers.  
Push down the pillion seat mounting bracket and carefully spread the bottom of both sides of the rear cowl, then remove it from the seat rail.

Disconnect the tail light connector.



## INSTALLATION



## FRAME BODY PANELS/EXHAUST SYSTEM

Connect the tail light connector.  
Install the rear cowl over the seat rail being careful not to damage the wire harness.

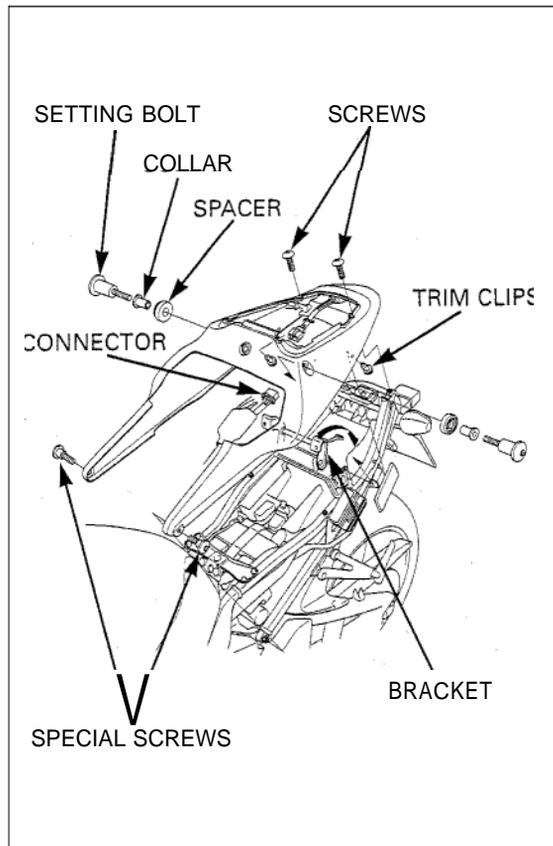
Install the spacers, setting collars and setting bolts.  
Install the special screws and truss screws.  
Install the trim clips.

Tighten the setting bolts and special screws securely.  
Tighten the screws to the specified torque.

### TORQUE:

**Rear cowl truss screw:**

**1.5 N•m (0.15 kgf•m, 1.1 lbf•ft)**



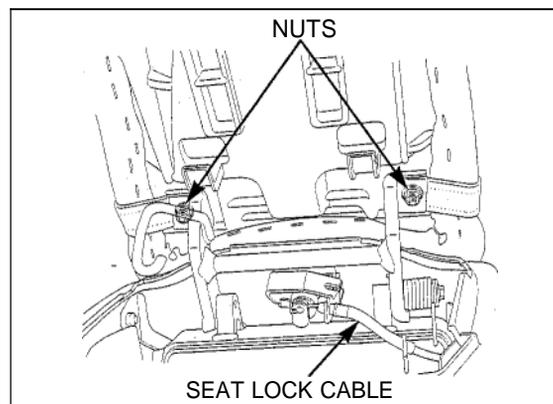
Connect the seat lock cable to the key cylinder.

Install the pillion seat and nuts to the pillion seat bracket.

Tighten the nuts to the specified torque.

**TORQUE: 11 N•m (1.1 kgf•m, 8 lbf•ft)**

Push the pillion seat down to lock it.



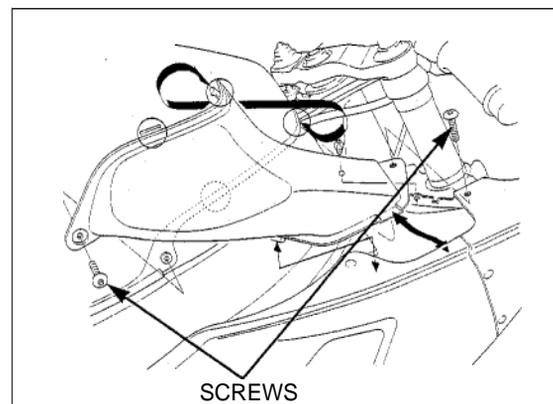
## DUCT COVER

### REMOVAL/INSTALLATION

Remove the screws.  
Release the tab of the duct cover from the fuel tank, then remove the duct cover.

Installation is in the reverse order of removal.

**TORQUE: 1.5 N•m (0.15 kgf•m, 1.1 lbf•ft)**

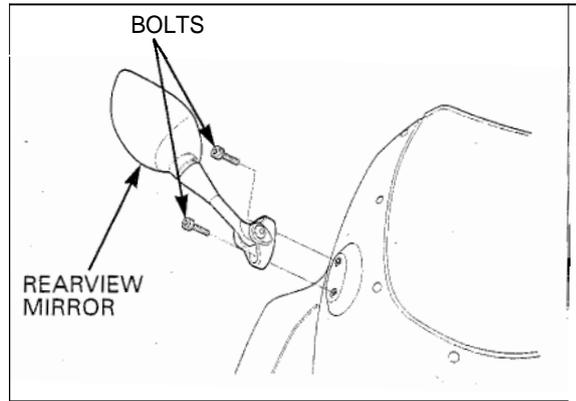


## UPPER COWL

### REMOVAL

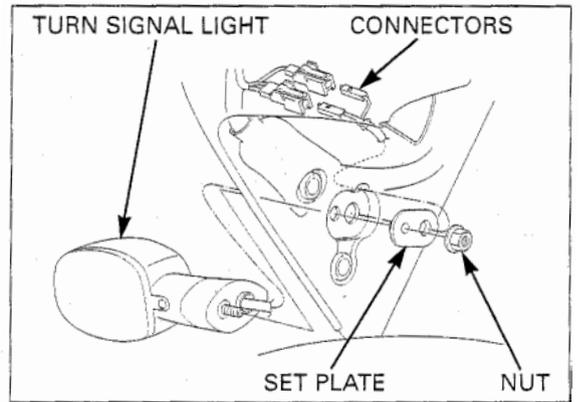
Remove the duct cover (page 2-4).

Remove the socket bolts and rearview mirrors.



Disconnect the turn signal light connectors.

Remove the nuts, set plates and turn signal lights from the inner middle cowl.



Remove the trim clips.

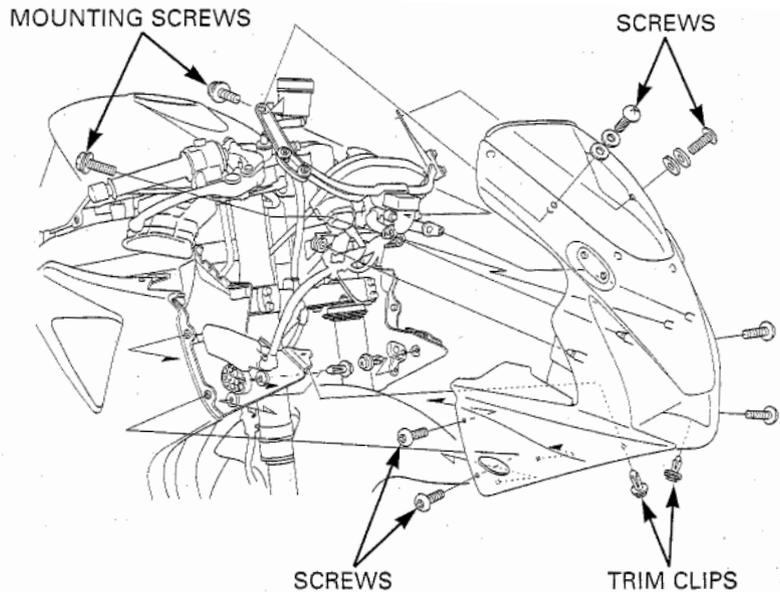
Remove the windscreen-to-upper cowl bracket screws.

Remove the upper cowl-to-lower cowl screws.

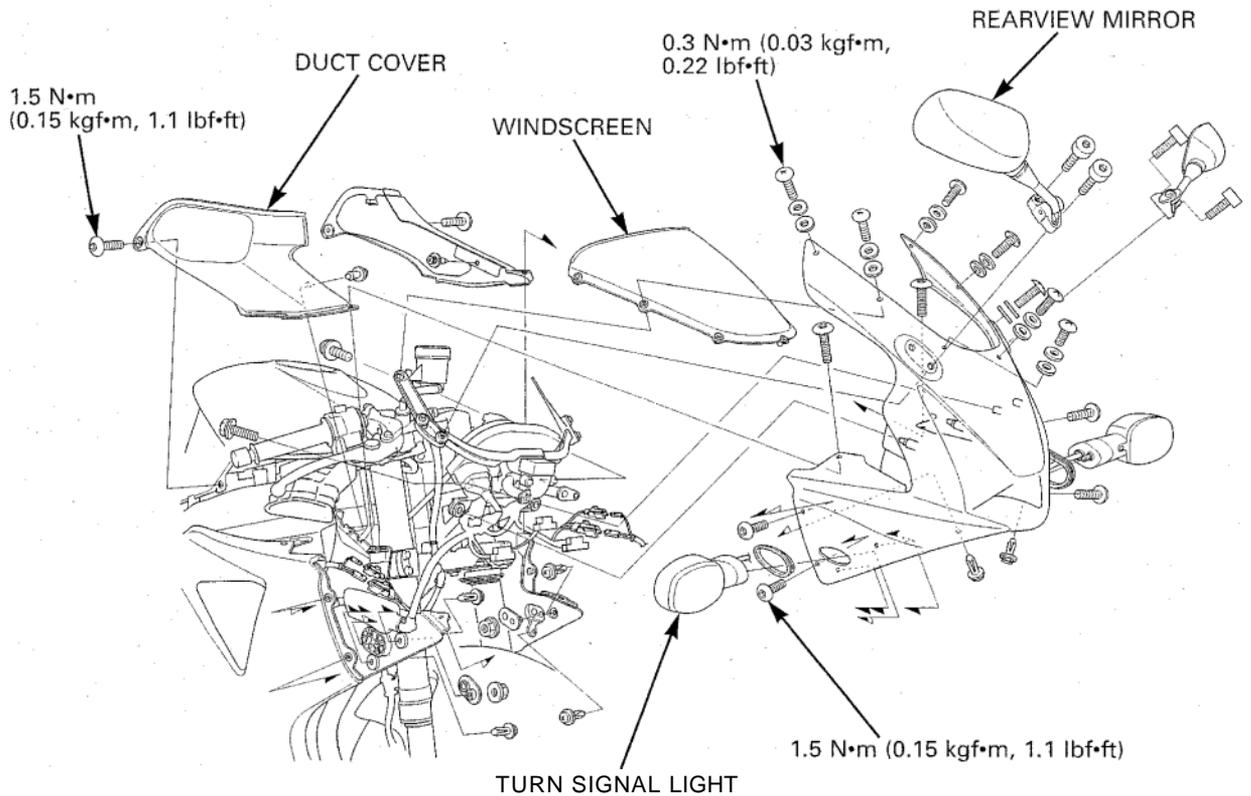
Remove the upper cowl mounting screws.

Pull the upper cowl forward.

Disconnect the headlight connectors, then remove the upper cowl.



**INSTALLATION**



Connect the headlight connectors to the headlight sockets on the upper cowl.

Install the upper cowl onto the upper cowl stay while aligning the headlight unit bosses with the upper cowl stay grommets.

Install the removed parts in the reverse order of removal.

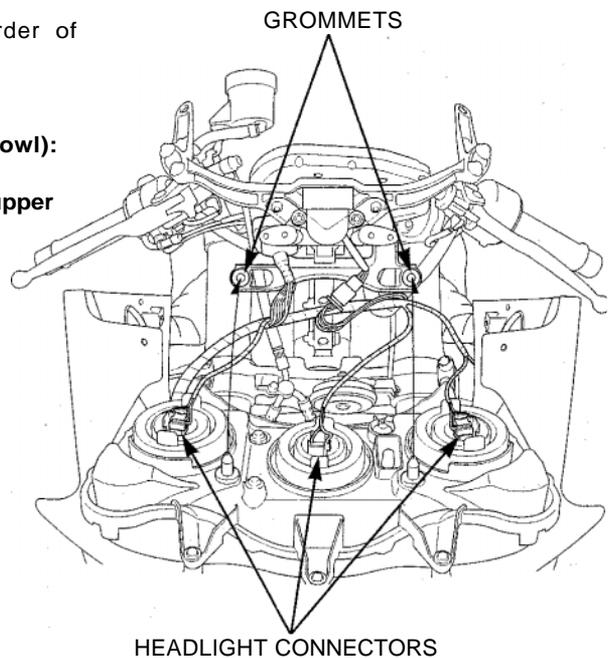
**TORQUE:**

**Upper cowl pan screw (upper cowl-to-lower cowl):**

1.5 N·m (0.15 kgf·m, 1.1 lbf·ft)

**Windscreen mounting screw (windscreen-to-upper cowl bracket):**

0.3 N·m (0.03 kgf·m, 0.22 lbf·ft)



## LOWER COWL

### REMOVAL/INSTALLATION

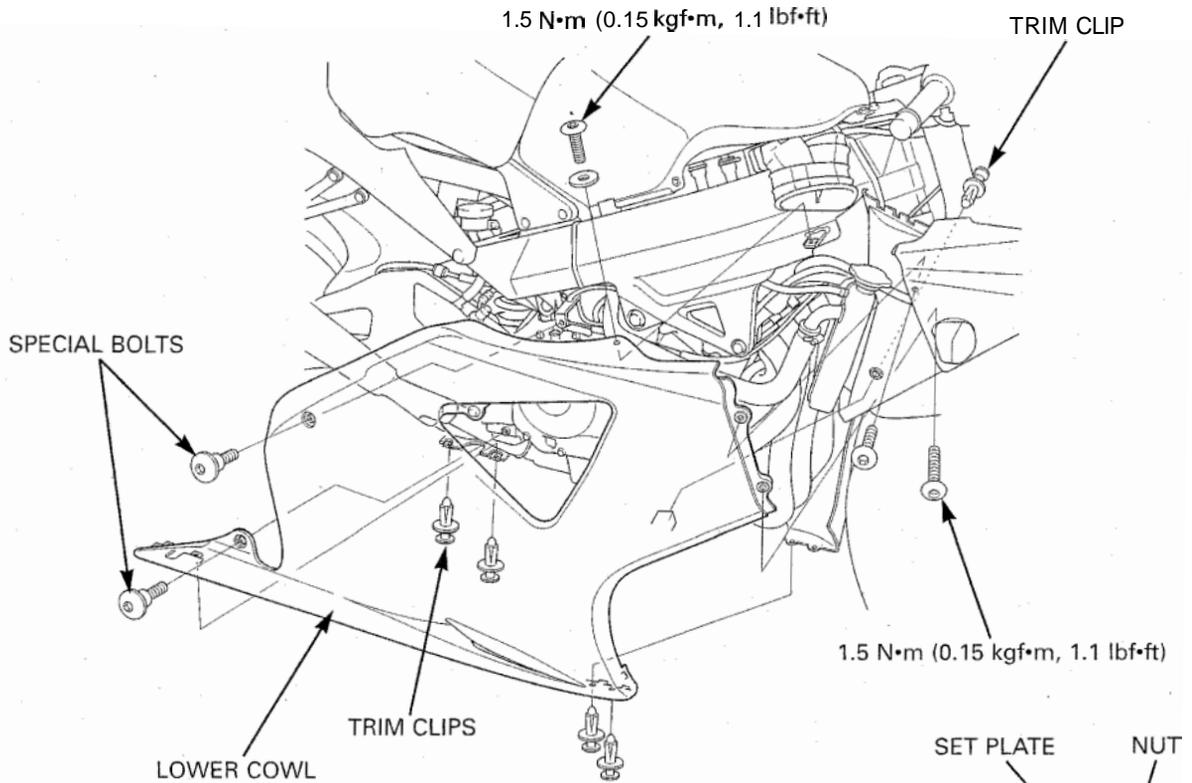
Remove the trim clip from the inner middle cowl.  
 Remove the four trim clips from the lower cowl.  
 Remove the upper cowl-to-lower cowl screws.  
 Remove the lower cowl mounting screw, special bolts and then remove the lower cowl.

Installation is in the reverse order of removal.

#### TORQUE:

Lower cowl pan screw:

1.5 N·m (0.15 kgf·m, 1.1 lbf·ft)



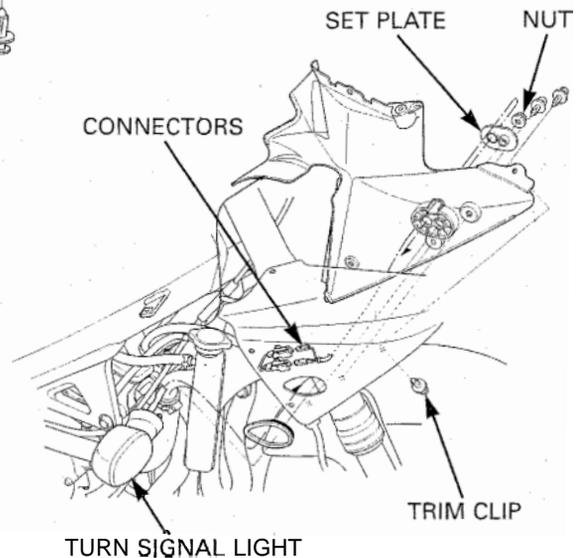
## INNER MIDDLE COWL

### REMOVAL/INSTALLATION

Remove the lower cowl (see above).

Disconnect the turn signal light connectors.  
 Remove the trim clips.  
 Remove the nut, set plate and turn signal light.  
 Remove the inner middle cowl.

Installation is in the reverse order of removal.



## WINDSCREEN

### REMOVAL/INSTALLATION

Remove the rearview mirrors (page 2-5).

Remove the screws, nylon washers and rubber washers.

Remove the windscreen by pulling out the setting nuts from the upper cowl bracket.

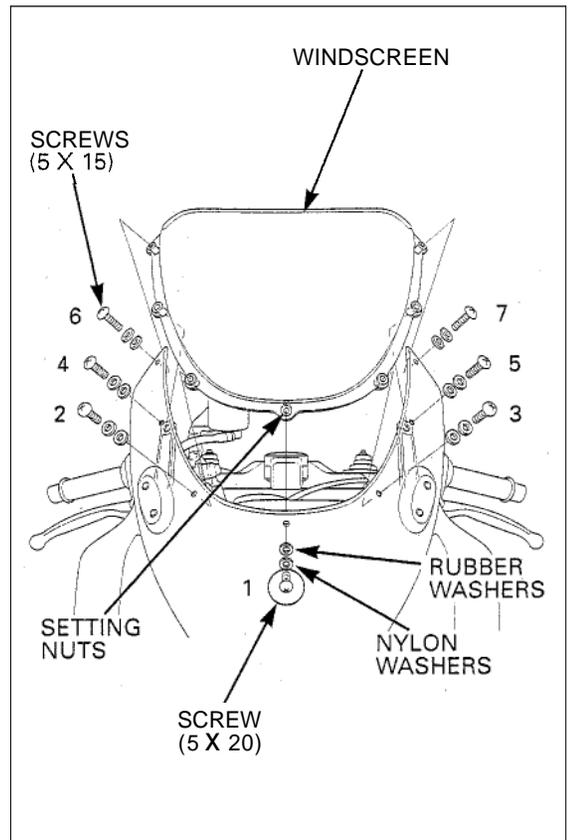
#### NOTICE

*Windscreen mounting fasteners are plastic screws. Do not overtighten the screws.*

Installation is in the reverse order of removal.

**TORQUE: 0.3 N·m (0.03kgf·m, 0.22lb·ft)**

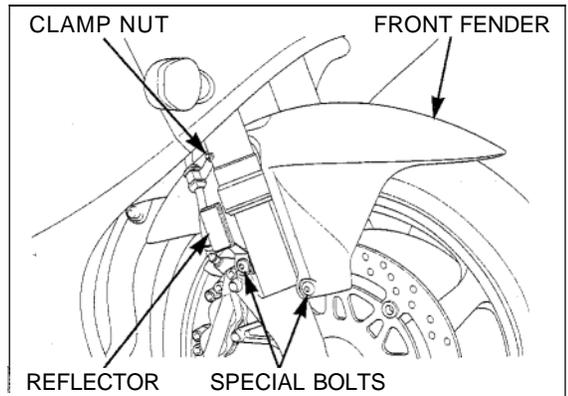
*Tighten the screws in numerical order as shown in the illustration*



## FRONT FENDER

### REMOVAL

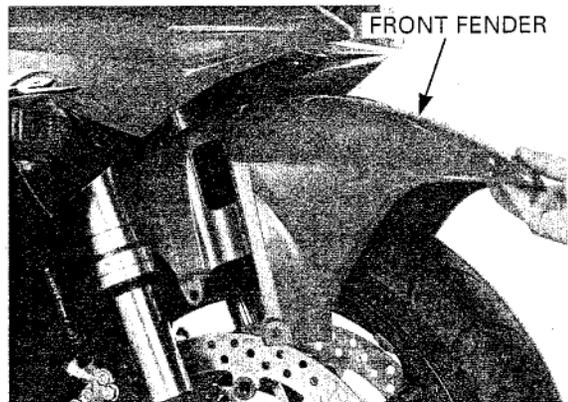
Remove the brake hose clamp mounting nuts.  
Remove the front fender mounting special bolts and reflectors.



Remove the front fender by pulling it forward.

### INSTALLATION

Installation is in the reverse order of removal.



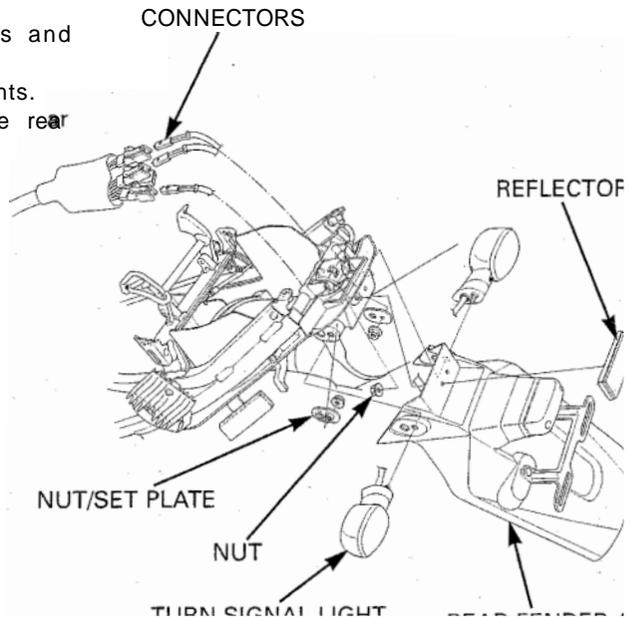
# REAR FENDER

## REAR FENDER A REMOVAL/ INSTALLATION

Remove the rear cowl (page 2-2).

Disconnect the turn signal light connectors and license light connector.  
Remove the nuts, set plates and turn signal lights.  
Remove the nut and reflector, then remove rear fender A.

Installation is in the reverse order of removal.

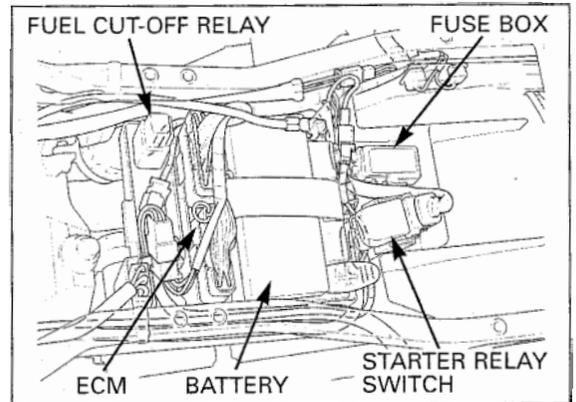


## REAR FENDER REMOVAL

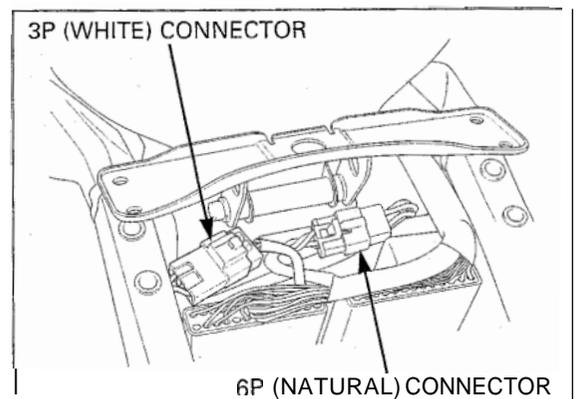
Remove the following:

- Rear cowl (page 2-2)
- Battery (page 16-4)
- ECM (page 5-87)

Unhook the retaining tab and remove the fuse box.  
Remove the starter relay switch and fuel cut-off relay from the rear fender.

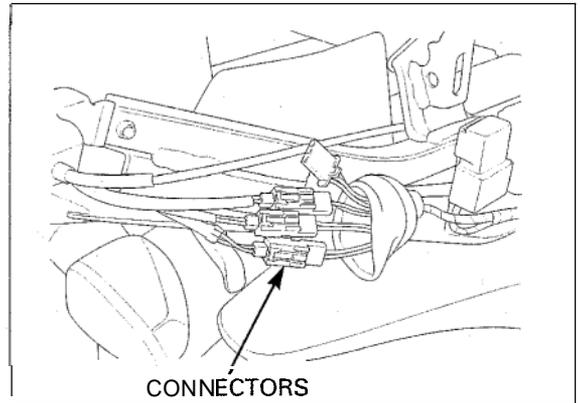


Disconnect the alternator 3P (White) connector and regulator/rectifier 6P (Natural) connector.

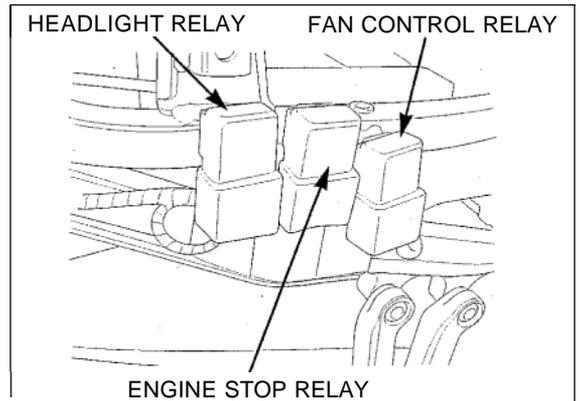


## FRAME/BODY PANELS/EXHAUST SYSTEM

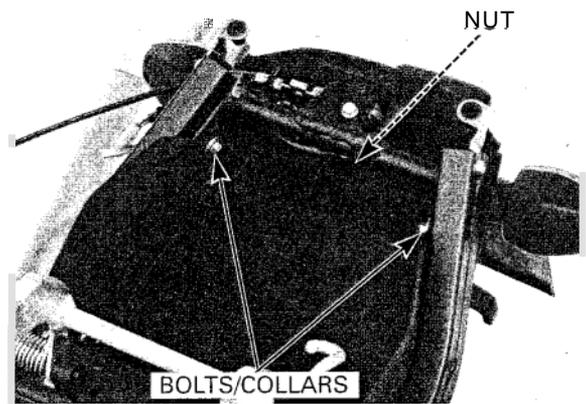
Disconnect the turn signal connectors and license light connector.



Remove the headlight relay, engine stop relay and fan control relay from the rear fender.

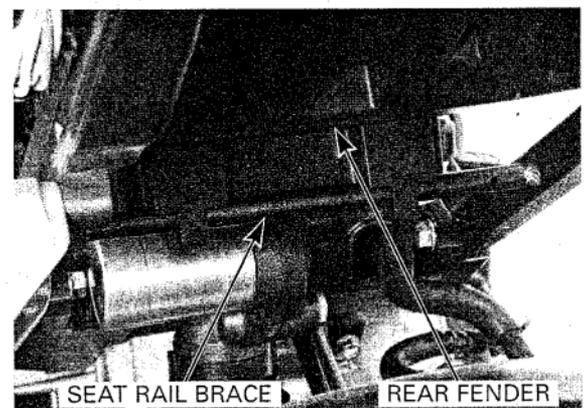


Remove the reflector mounting nut.  
Remove the two rear fender mounting bolts and collars.

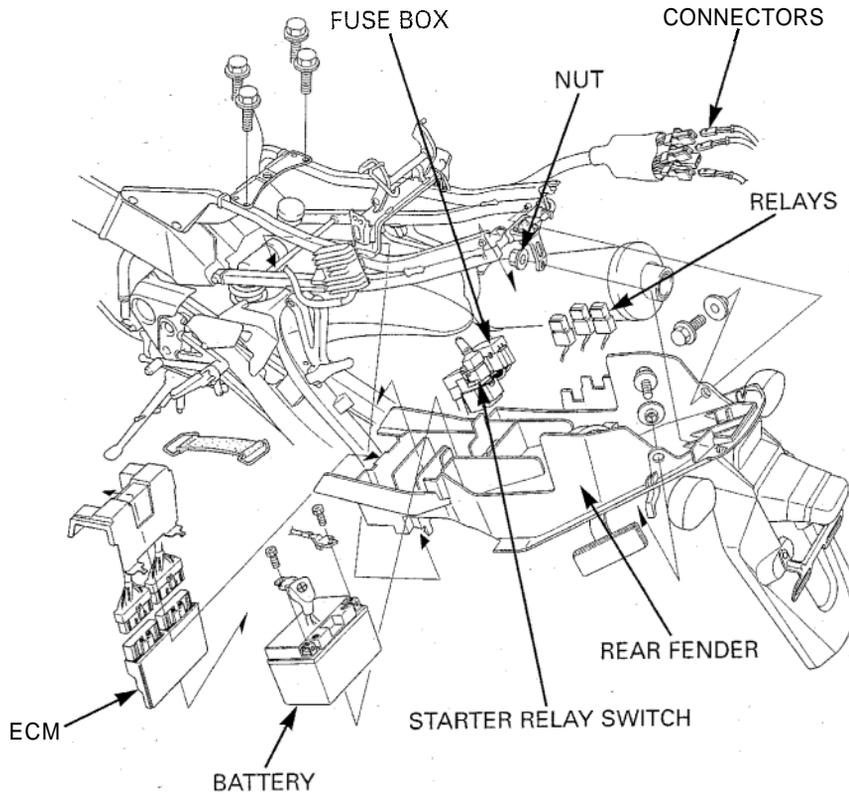


Unhook the rear fender from the seat rail brace, then release the regulator/rectifier wire and main wire harness from the seat rail and rear fender.

Remove the rear fender by pulling it backward.



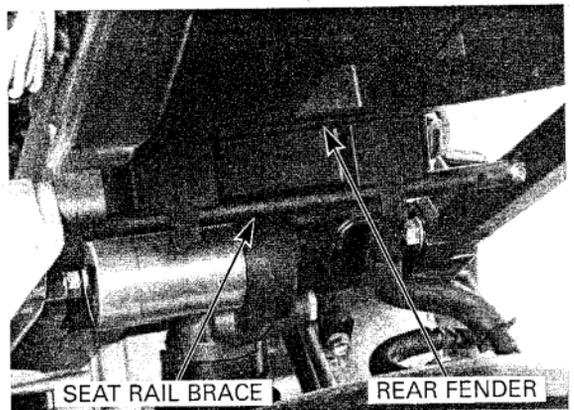
## REAR FENDER INSTALLATION



Install the rear fender aligning its lower groove with the seat rail brace.

Connect the license light connector and turn signal connectors.

Install the removed parts in the reverse order of removal.

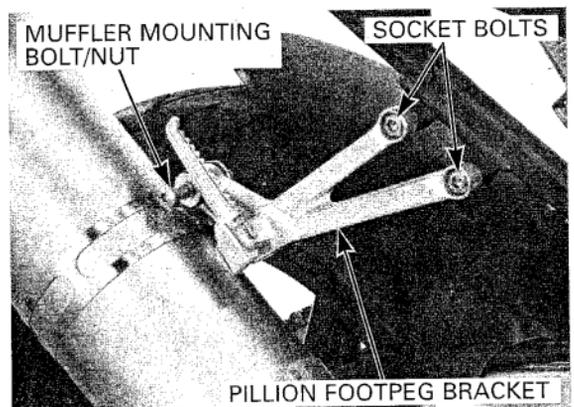


## SEAT RAIL

### REMOVAL

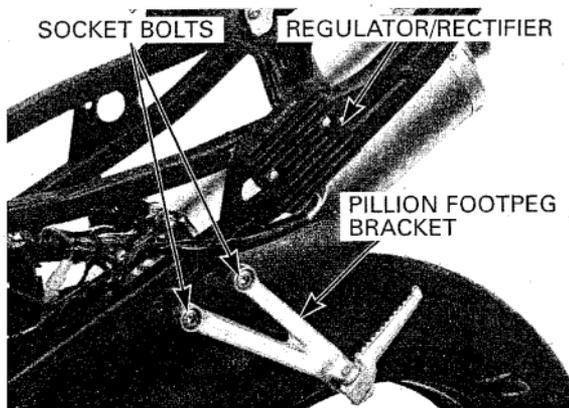
Remove the rear fender (page 2-9).

Remove the muffler mounting bolt/nut.  
Remove the socket bolts and right pillion footpeg bracket.

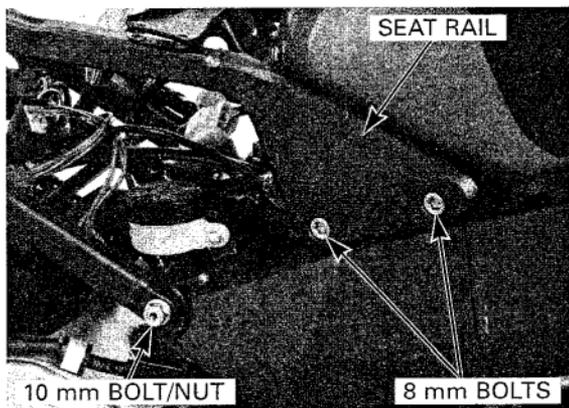


Remove the socket bolts and left pillion footpeg bracket.

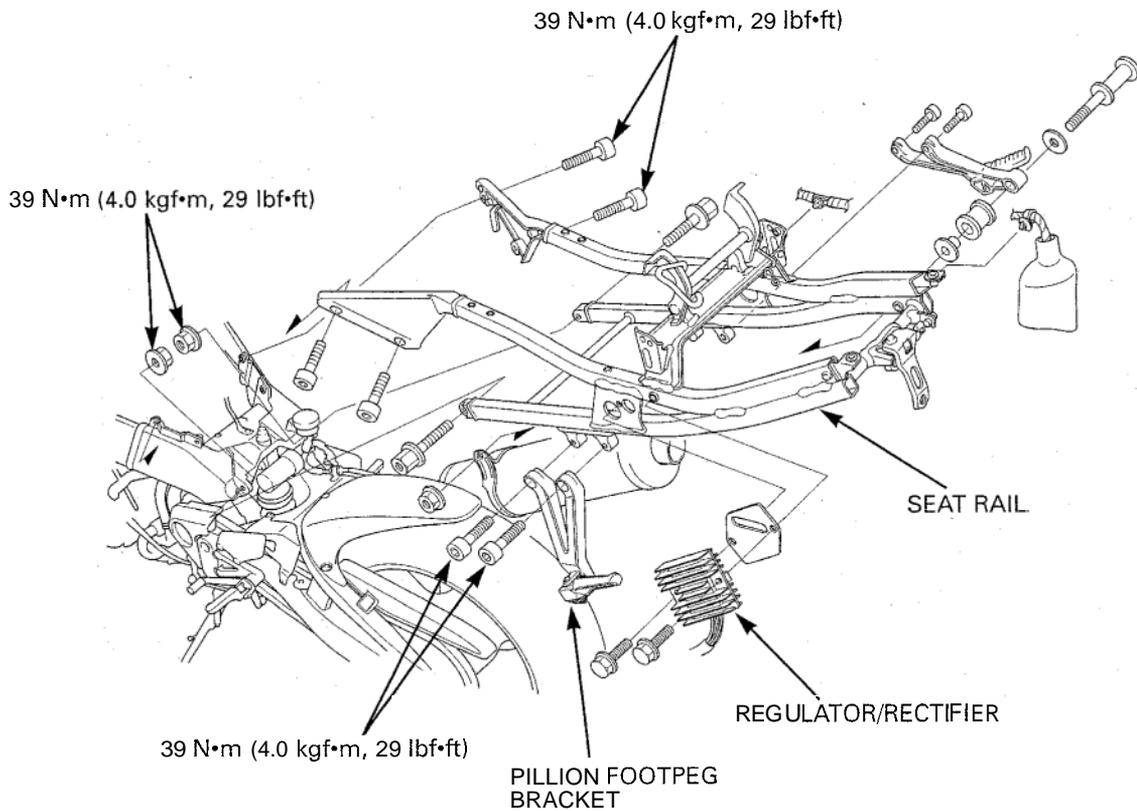
Remove the bolts and regulator/rectifier.



Remove the fuel tank rear bracket bolts.  
Remove the seat rail mounting 8 mm bolts, 10 mm bolts/nuts and seat rail.



## INSTALLATION

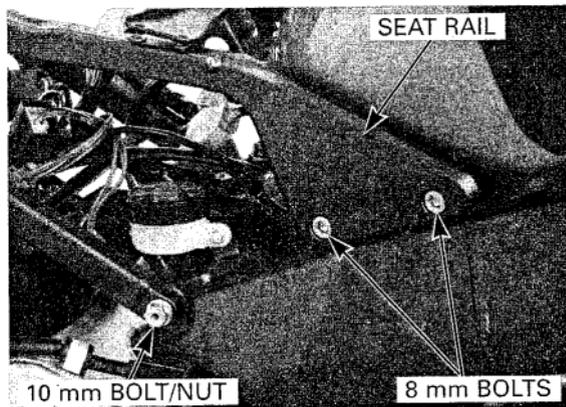


Install the seat rail and tighten the mounting bolts and nuts to the specified torque.

**TORQUE:**

**8 mm bolt:** 39 N·m (4.0 kgf·m, 29 lbf·ft)

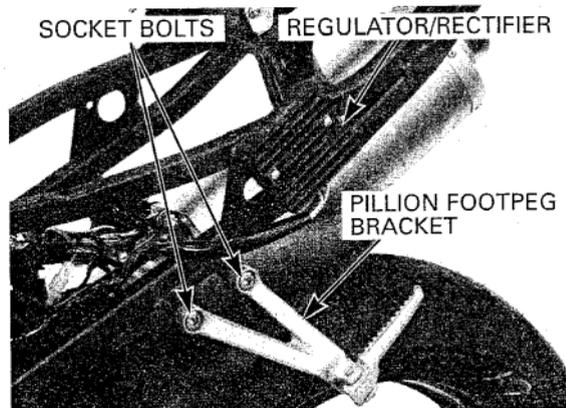
**10 mm nut:** 39 N·m (4.0 kgf·m, 29 lbf·ft)



Install the regulator/rectifier, tighten the bolts.

Install the left pillion footpeg bracket and tighten the socket bolts to the specified torque.

**TORQUE:** 39 N·m (4.0 kgf·m, 29 lbf·ft)

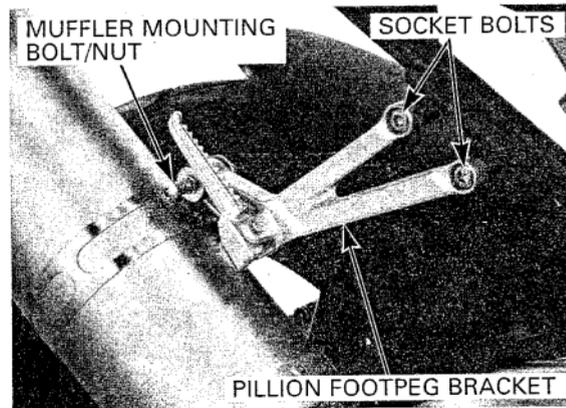


Install the right pillion footpeg bracket and tighten the socket bolts to the specified torque.

**TORQUE:** 39 N·m (4.0 kgf·m, 29 lbf·ft)

Install the muffler mounting bolt, washer and nut, and tighten the nut securely.

Install the removed parts in the reverse order of removal.



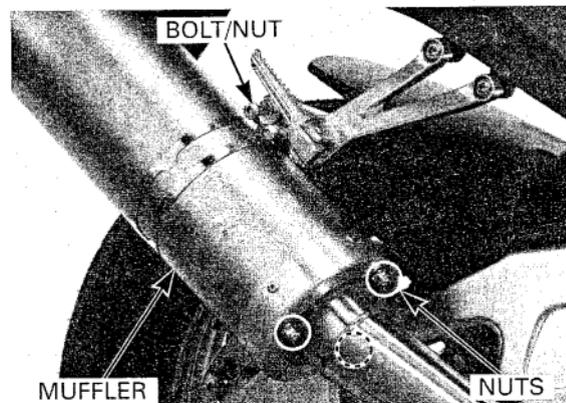
## MUFFLER/EXHAUST PIPE

### REMOVAL

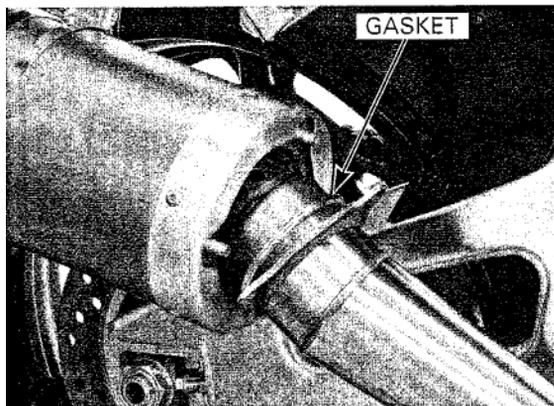
Do not service the exhaust system while it is hot.

Remove the lower cowl (page 2-7).

Remove the exhaust pipe-to-muffler joint nuts. Remove the muffler mounting bolt/nut and washer, then remove the muffler.



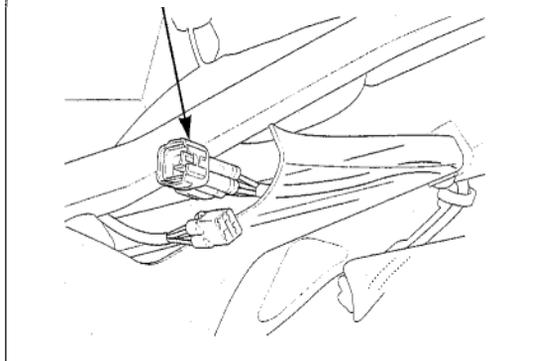
Remove the gasket.



*California type only*

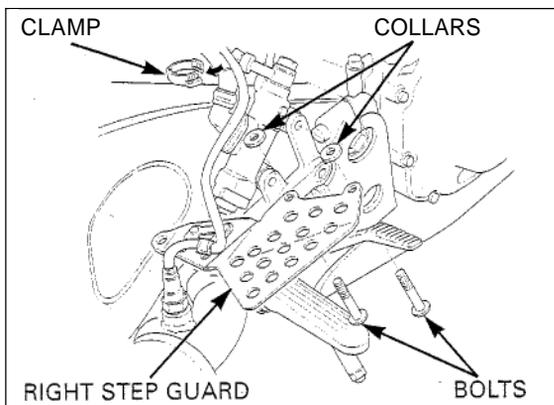
Disconnect the O<sub>2</sub> sensor 4P (Natural) connector. Remove the O<sub>2</sub> sensor wire from the frame.

4P (NATURAL) CONNECTOR



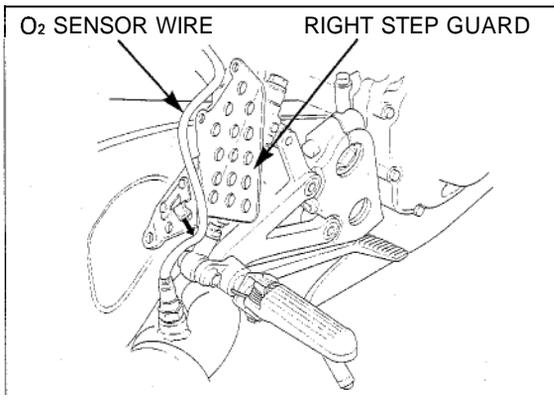
*California type only*

Remove the O<sub>2</sub> sensor wire clamp. Remove the right step guard mounting bolts and collars.

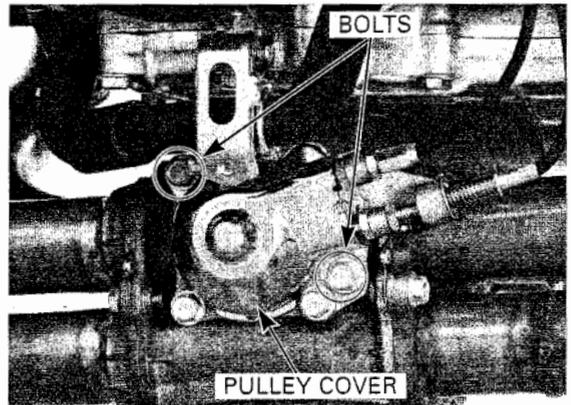


*California type only:*

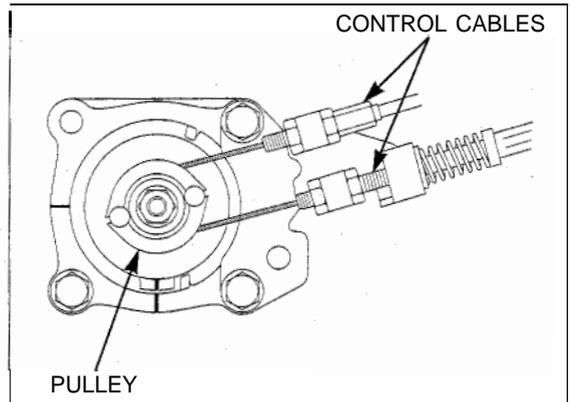
Release the O<sub>2</sub> sensor wire from the right step guard.



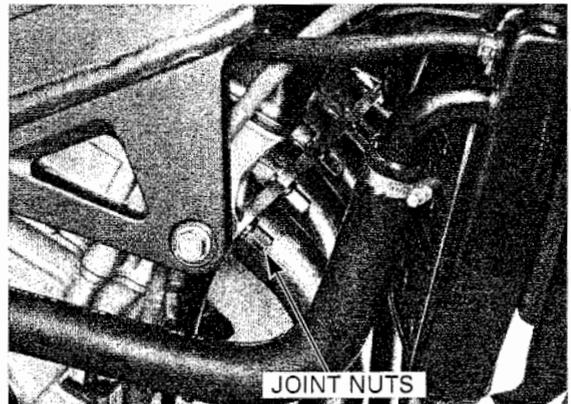
Remove the two bolts and EGCV (Exhaust Gas Control Valve) pulley cover.



Disconnect the EGCV control cables from the pulley.



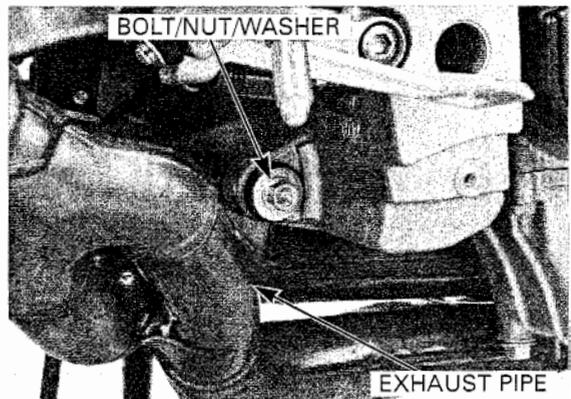
Remove the exhaust pipe joint nuts.



Remove the following:

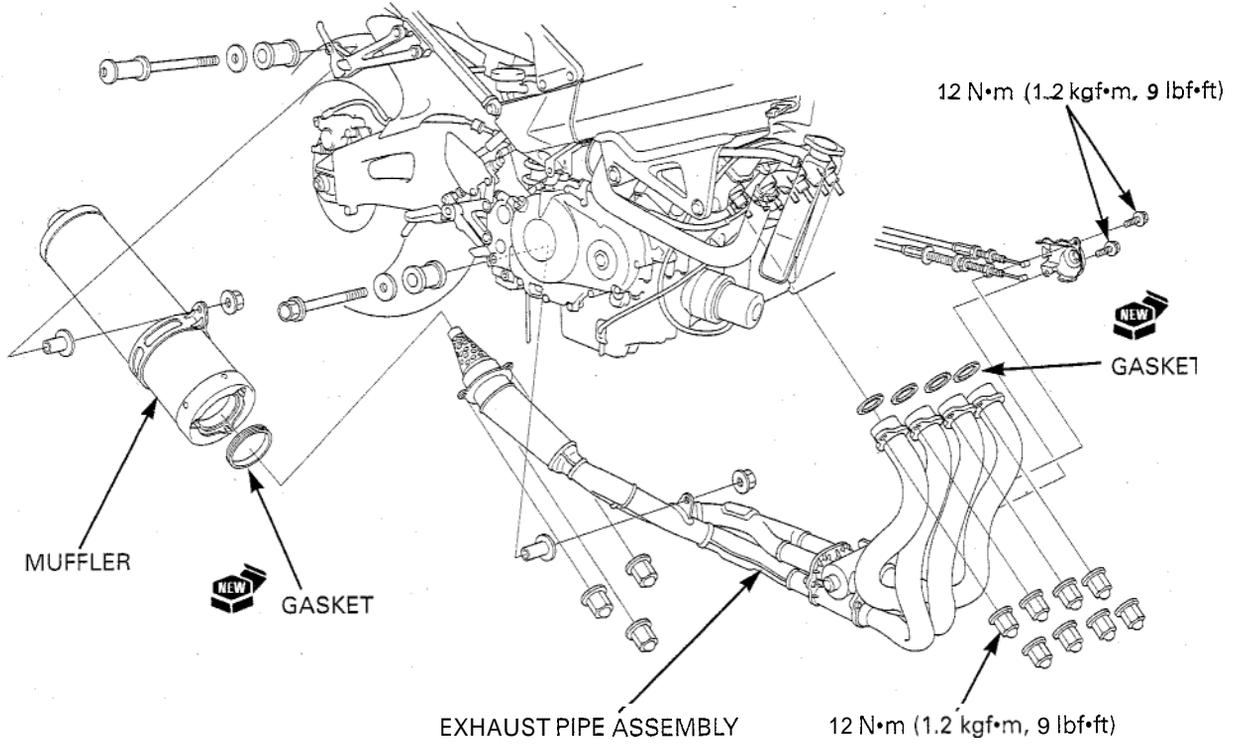
- Exhaust pipe mounting bolt/nut
- Washer
- Collar
- Exhaust pipe
- Exhaust pipe gaskets

See page 5-97 for EGCV removal/disassembly.

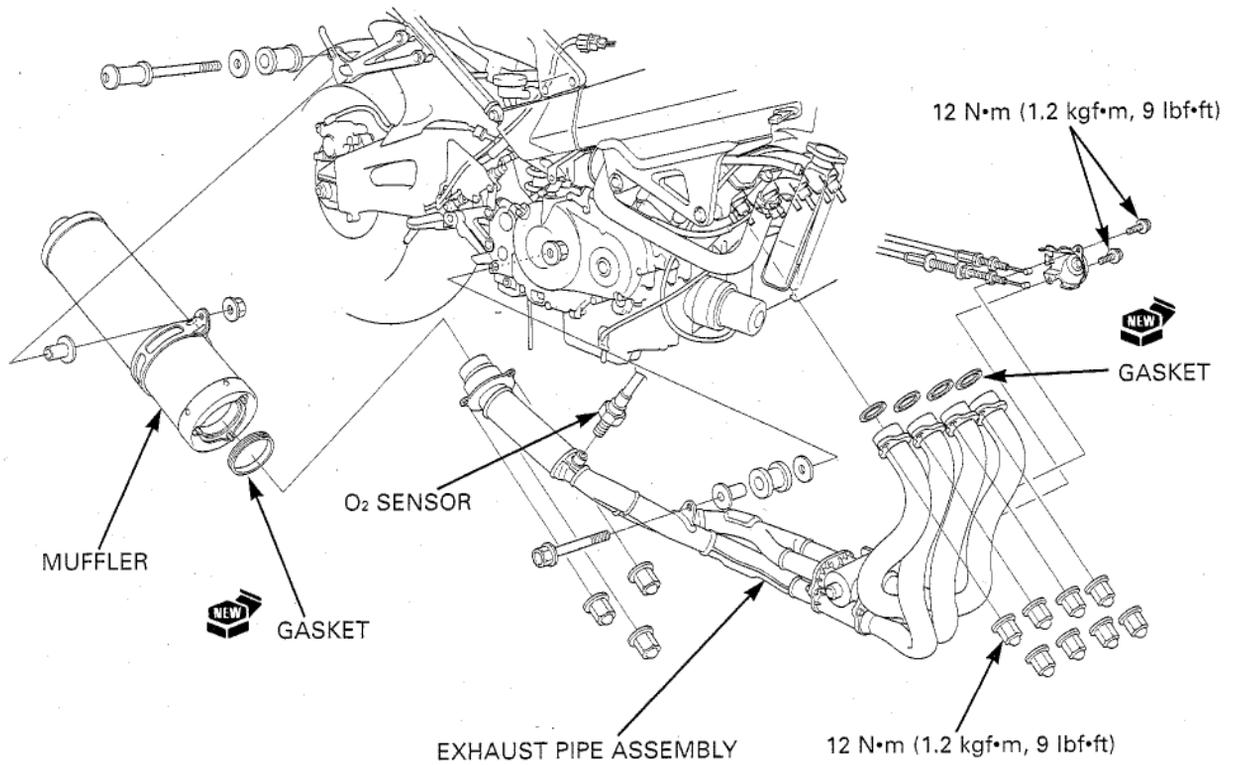


**INSTALLATION**

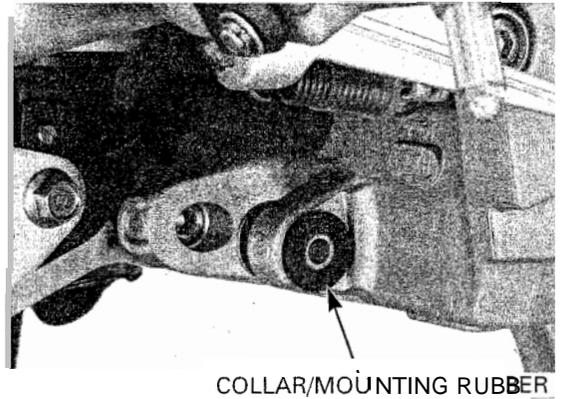
**Non-California type:**



**California type:**



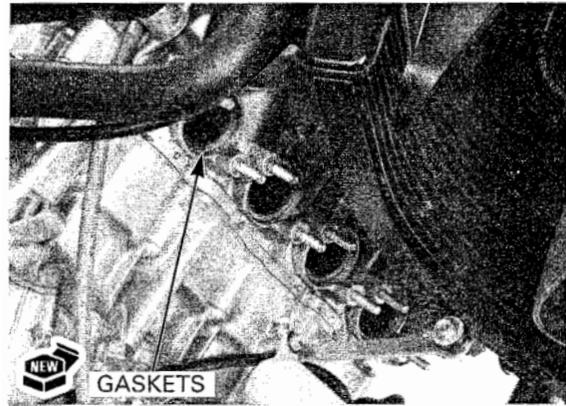
Install the exhaust pipe mounting rubber and collar into the lower bracket hole.



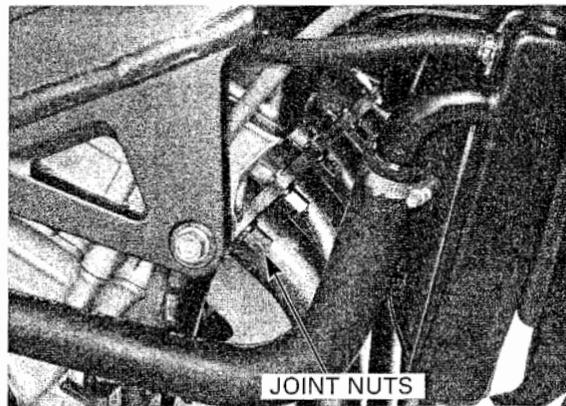
Check the protrusion of the exhaust pipe stud bolt (page 1-14).

*Always replace the exhaust pipe gaskets with new ones*

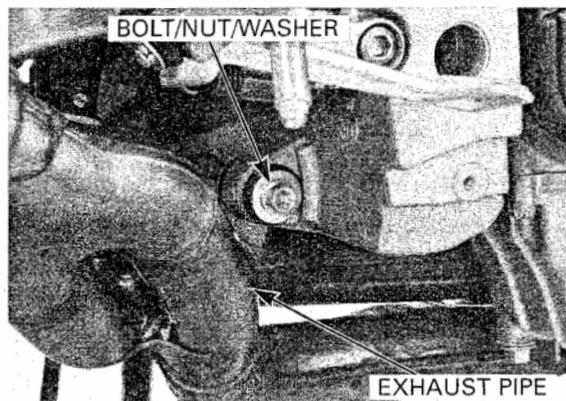
Install the new exhaust pipe gaskets onto the exhaust ports of the cylinder head.



Install the exhaust pipe, and temporarily install the exhaust pipe joint nuts and mounting bolt/nut.

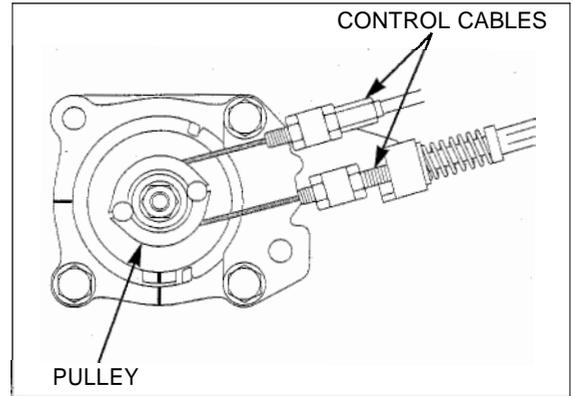


Temporarily tighten the exhaust pipe mounting nut.



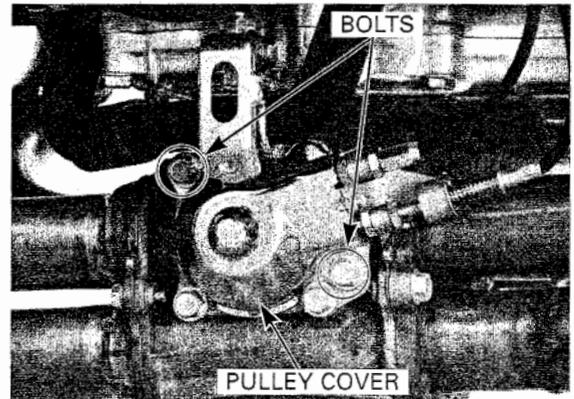
## FRAME/BODY PANELS/EXHAUST SYSTEM

Connect the EGCV control cables to the cable pulley.

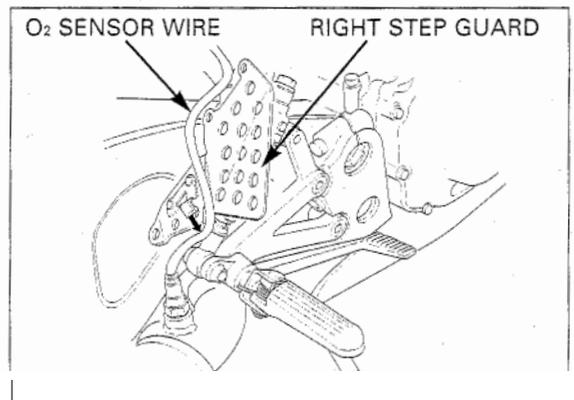


Install the EGCV pulley cover and tighten the bolts to the specified torque.

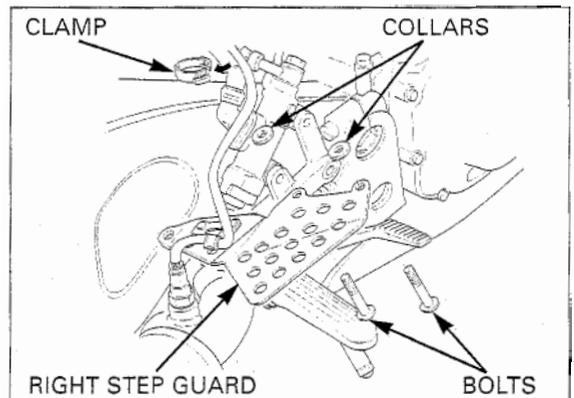
**TORQUE: 12 N·m (1.2 kgf·m, 9 lbf·ft)**



*California type only:* Clamp the O<sub>2</sub> sensor wire to the right step guard.

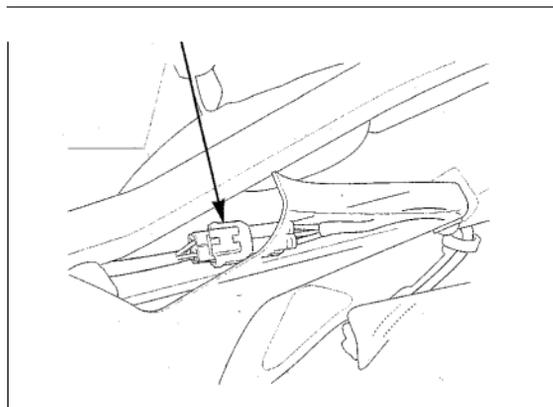


*California type only:* Install the rear master cylinder, collars and right step guard, then tighten the mounting bolts. Clamp the O<sub>2</sub> sensor wire with the rear brake reservoir hose using the hose clamp.



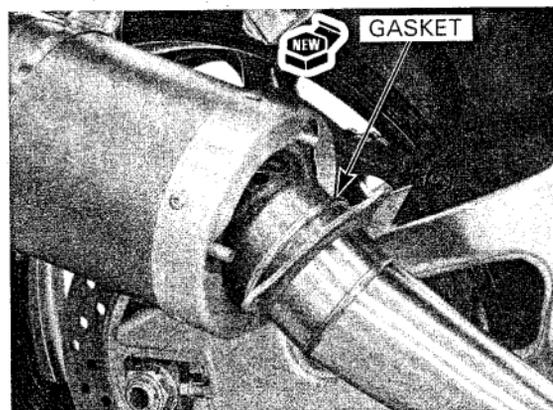
California type  
only

Route the O<sub>2</sub> sensor wire into the frame.  
Connect the O<sub>2</sub> sensor 4P (Natural) connector.



Install the new gasket onto the exhaust pipe as shown.

Install the muffler.



Temporarily install the muffler mounting bolt/nut and muffler joint nuts.

Tighten all of the muffler/exhaust pipe mounting bolts/nuts securely.

**TORQUE:**

Exhaust pipe joint nut: 12 N·m (1.2 kgf·m, 9 lbf·ft)

Install the lower cowl (page 2-7)

First tighten the  
exhaust pipe joint  
nuts

