

## **2. FRAME COVERS/EXHAUST MUFFLER**

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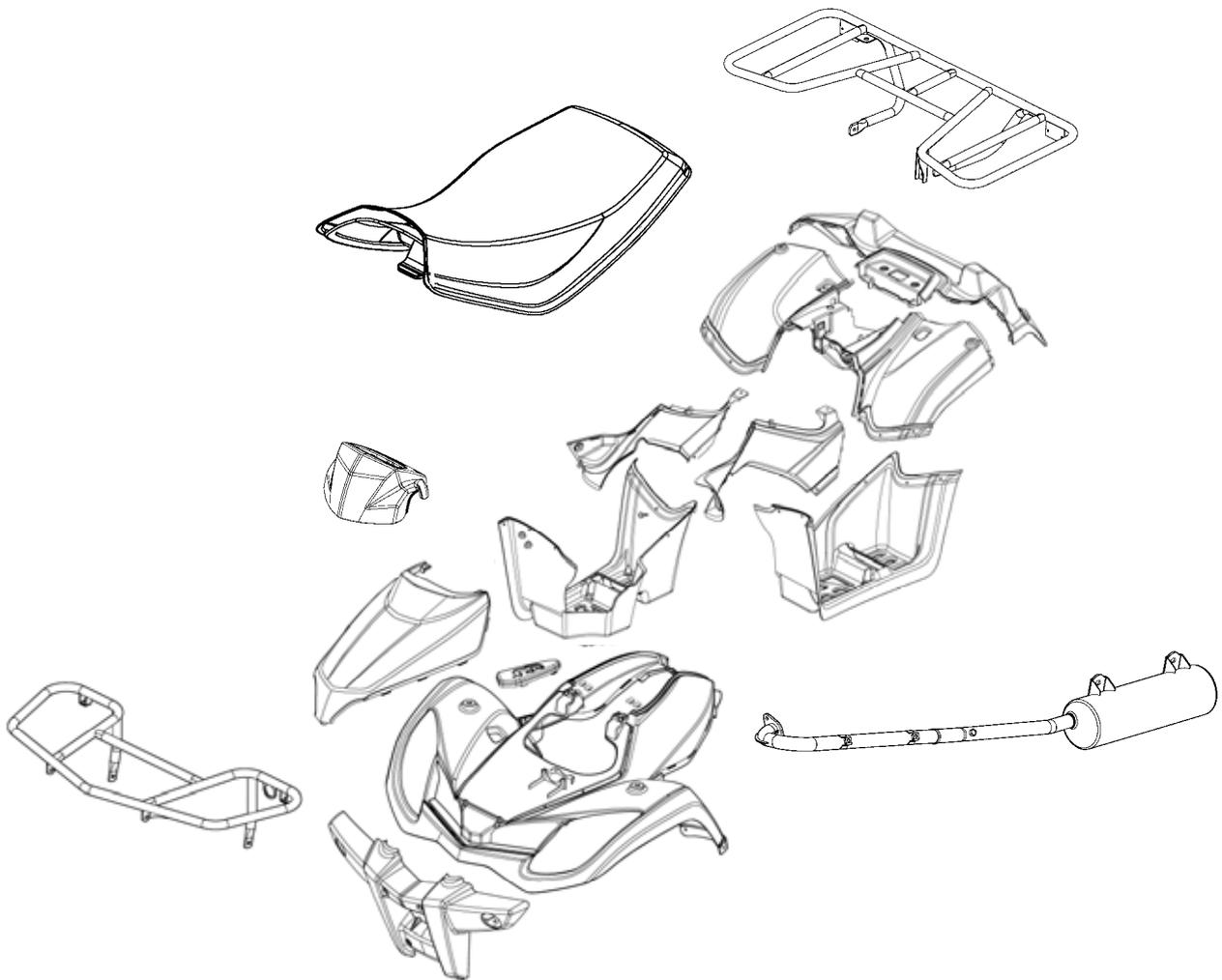
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### **FRAME COVERS/EXHAUST MUFFLER**

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**2. FRAME COVERS/EXHAUST MUFFLER**



## 2. FRAME COVERS/EXHAUST MUFFLER

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### SERVICE INFORMATION

#### GENERAL INSTRUCTIONS

- When removing frame covers, use special care not to pull them by force because the cover joint claws may be damaged.
- Make sure to route cables and harnesses according to the Cable & Harness Routing.

#### TORQUE VALUES

Exhaust muffler lock bolt	3.2~3.8kgf-m (32 ~ 38Nm, 23 ~ 27.4ft-lb)
Exhaust muffler lock nut	1.8~2.2kgf-m (18 ~ 22Nm, 13 ~ 15.8 ft-lb)

### TROUBLESHOOTING

#### Noisy exhaust muffler

- Damaged exhaust muffler
- Exhaust muffler joint air leaks

#### Lack of power

- Caved exhaust muffler
- Exhaust muffler air leaks
- Clogged exhaust muffler

## **2. FRAME COVERS/EXHAUST MUFFLER**

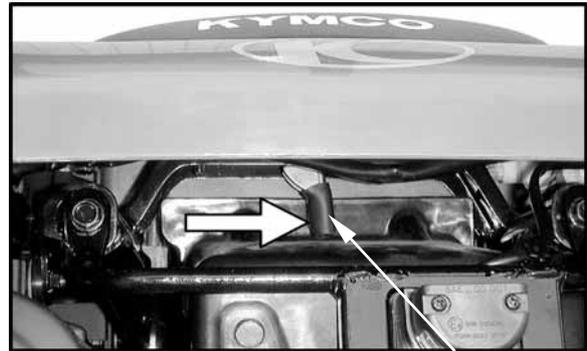
### **FRAME COVERS**

#### **SEAT**

##### **REMOVAL**

Pull the lever right and pull up the seat at the rear.

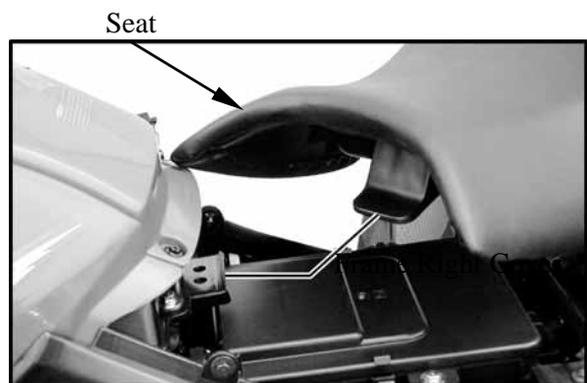
Remove the seat.



Lever

##### **INSTALLATION**

To install the seat, align the tabs on the seat with the grommets on the frame and press the seat down until it locks.

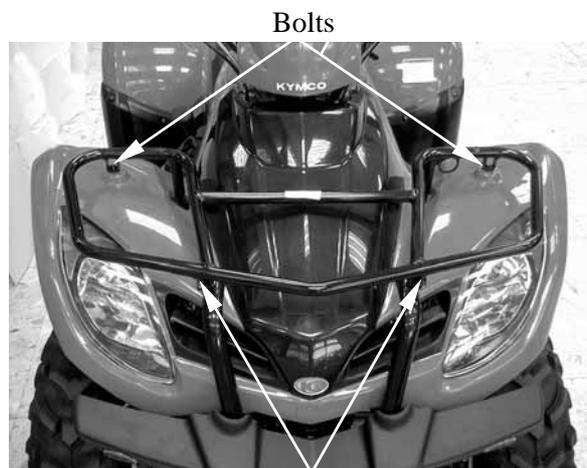


Seat

#### **FRONT CARGO RACK**

##### **REMOVAL/INSTALLATION**

Remove the two mounting bolts and two bolts under front fender



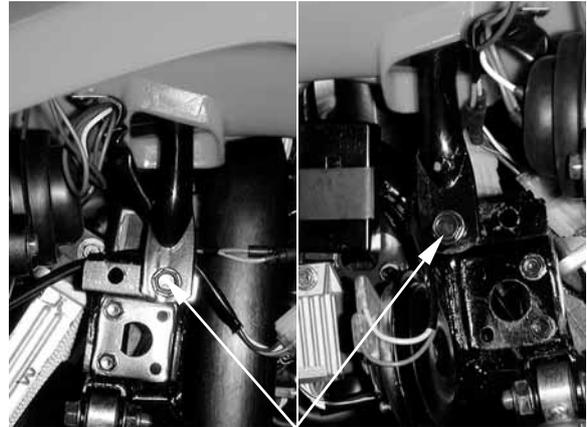
Bolts

Mounting Bolts

## 2. FRAME COVERS/EXHAUST MUFFLER

Remove the two mounting bolts from the front cargo rack right/left side under the front fender, remove the front cargo rack.

Installation is in the reverse order of removal.



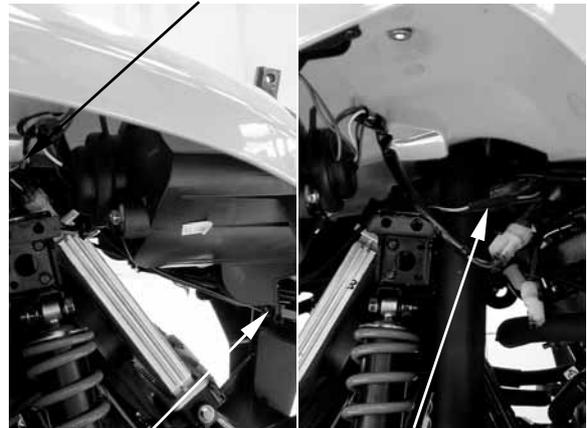
Mounting Bolts

### **FRONT CARRIER** REMOVAL/INSTALLATION

Remove front cargo rack (see page 2-3).

Disconnect the right and left signal light connectors. (ON ROAD)  
Remove the bolt from the right headlight case.

Right Signal Light Connectors



Bolt Left Signal Light Connectors

Remove the bolt from the left headlight case.

Remove the four mounting bolts from the front carrier right/left side, then remove the front carrier.

Installation is in the reverse order of removal.

Bolt



Mounting Bolts

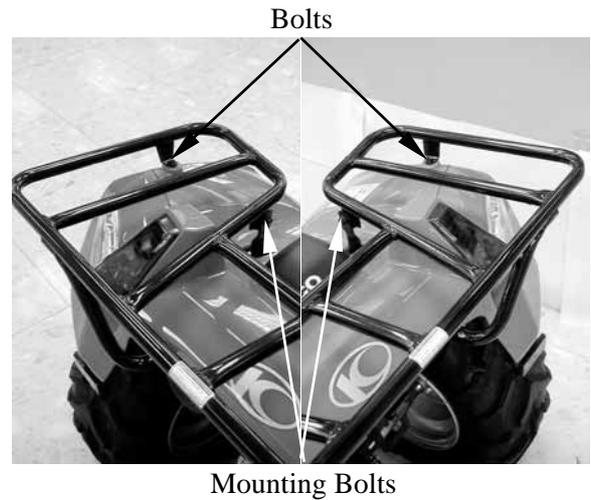
## **2. FRAME COVERS/EXHAUST MUFFLER**

### **REAR CARGO RACK**

#### **REMOVAL/INSTALLATION**

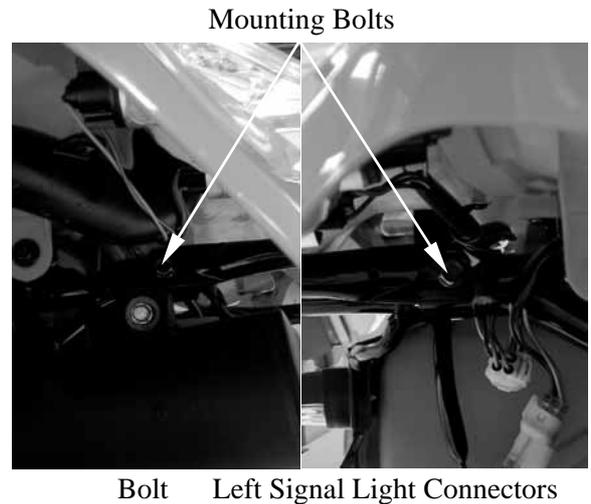
Remove the two mounting bolts from the rear cargo rack.

Remove the two bolts under the rear fender.



Remove the two mounting bolts from the rear cargo rack right/left side under the rear fender.

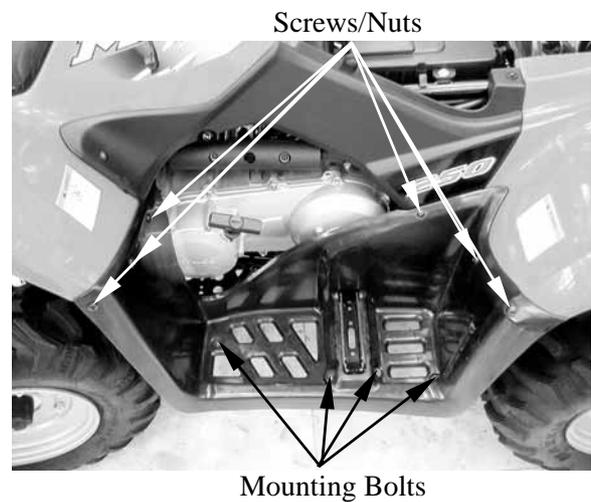
Installation is in the reverse order of removal.



### **RIGHT/LEFT FOOTBOARD**

#### **REMOVAL/INSTALLATION**

Remove 6 screws/nuts, 4 mounting bolts and the left footboard.

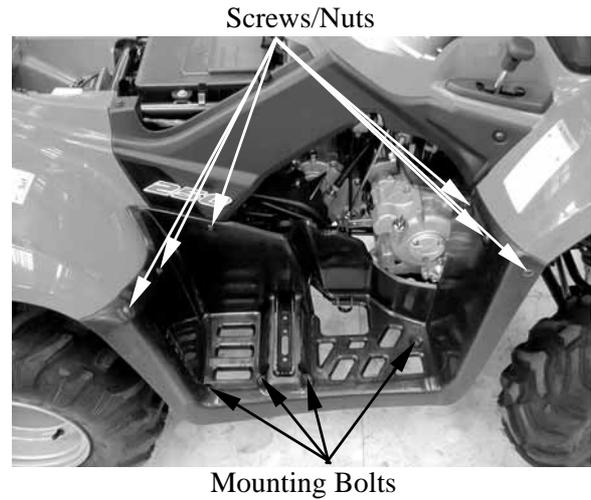


## 2. FRAME COVERS/EXHAUST MUFFLER

Remove 6 screws/nuts, 4 mounting bolts and the right footboard.

\* During removal, do not pull the joint claws forcedly to avoid damage.

Installation is in the reverse order of removal.

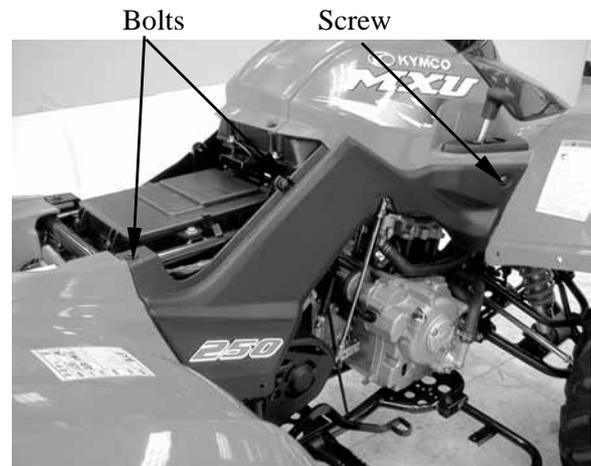


### RIGHT/LEFT SIDE COVER REMOVAL/INSTALLATION

Open the seat (see page 2-3).

Remove the right/left footboard (see page 2-5).

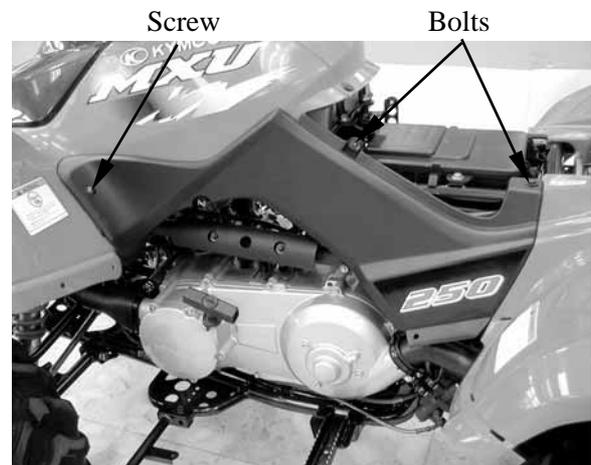
Remove the screw, two mounting bolts and right side cover.



Remove the screw, two mounting bolts and left side cover.

\* During removal, do not pull the joint claws forcedly to avoid damage.

Installation is in the reverse order of removal.



## 2. FRAME COVERS/EXHAUST MUFFLER

### FRONT CENTER COVER REMOVAL/INSTALLATION

Remove the front cargo rack (see page 2-3).

Remove the two screws and front center cover.

\* During removal, do not pull the joint claws forcedly to avoid damage.

Installation is in the reverse order of removal.



Screws

### HANDLEBAR COVER REMOVAL/INSTALLATION

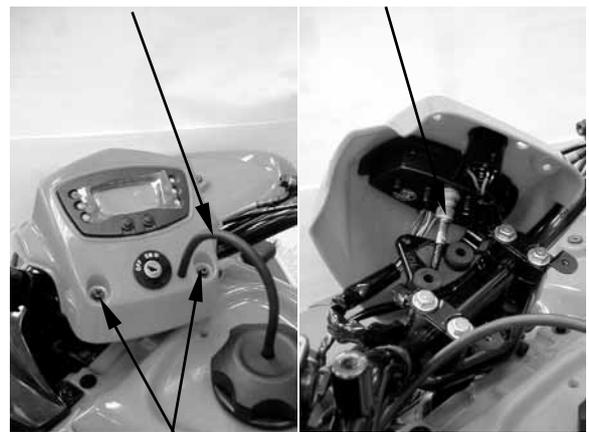
Remove the front center cover (see page 2-7).

Disconnect the fuel tank breather tube from the handlebar cover.

Remove the two screws and raise the handlebar cover.

Disconnect the speedometer cable from the instrument.

Fuel Tank Breather tube      Speedometer Cable

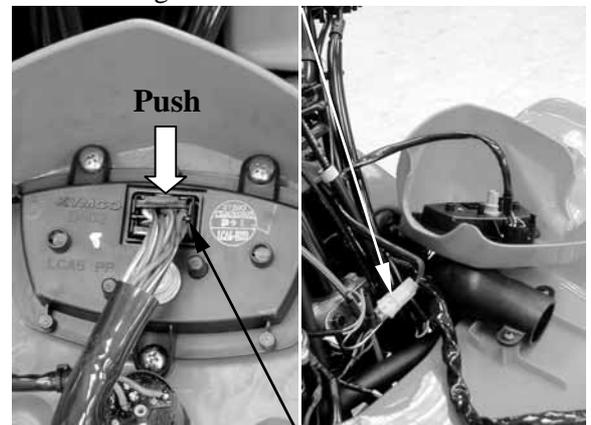


Screws

Disconnect the instrument and ignition switch connectors, then remove the handlebar cover and instrument.

Installation is in the reserve order of removal.

Ignition Switch Connector



Instrument Connector

## 2. FRAME COVERS/EXHAUST MUFFLER

### FUEL TANK COVER

#### REMOVAL/INSTALLATION

Remove the front center cover (see page 2-7).

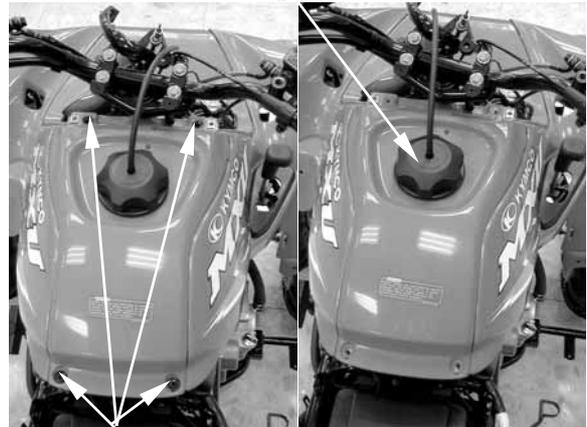
Remove the four screws from the fuel tank cover.

Remove the fuel tank cap by turning it counterclockwise and fuel tank seal, then remove the fuel tank cover.

\* Put on the fuel tank cap after removing the cover to prevent duct, mud, etc. from entering the fuel tank

Installation is in the reverse order of removal.

Fuel Tank Cap/Fuel Tank Seal



Screws

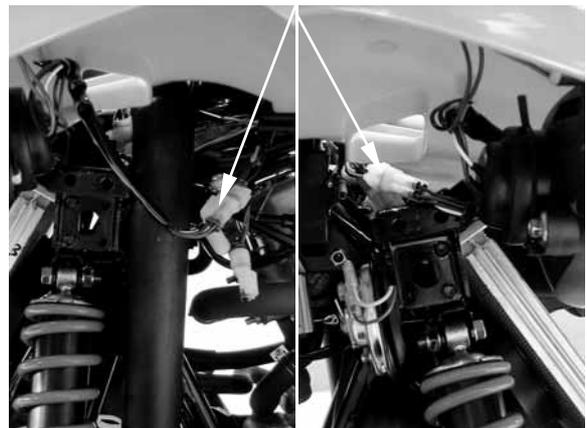
### FRONT FENDER

#### REMOVAL/INSTALLATION

Remove front carrier (see page 2-4), front center cover (see page 2-7), fuel tank cover (see page 2-8) and right/left side cover (see page 2-6).

Disconnect the right and left headlight connectors.

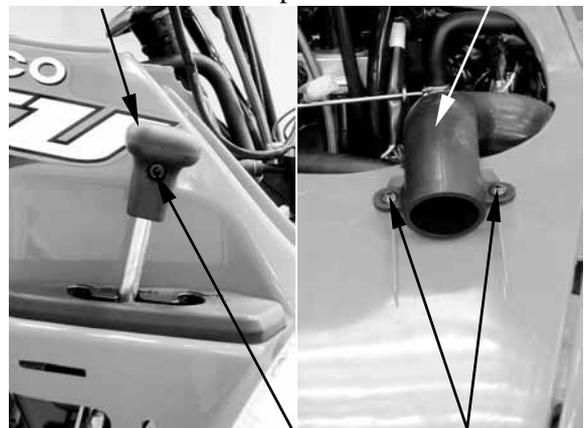
Headlight Connectors



Remove the bolt and drive select lever grip. Remove the two screws and disconnect the air inlet hose.

Drive Select Lever Grip

Air Inlet Hose



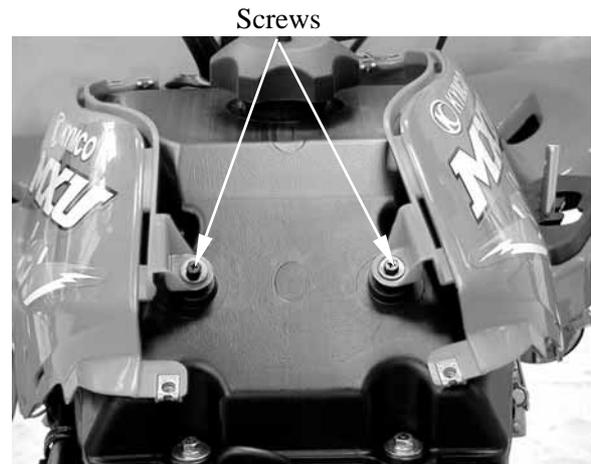
Bolt

Screws

## 2. FRAME COVERS/EXHAUST MUFFLER

Remove the two screws and front fender.

Installation is in the reverse order of removal.



### REAR FENDER

#### REMOVAL/INSTALLATION

Remove rear cargo rack (see page 2-5), battery (see chapter 16) and right/left side cover.

Disconnect the right and left taillight connectors.



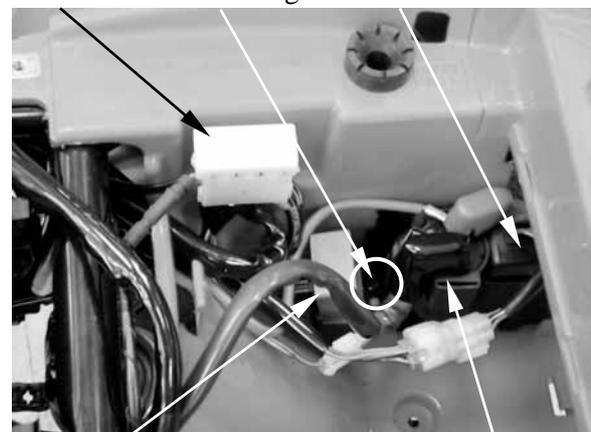
Taillight Connectors

Remove the fuse box.

Remove the holder screw, then remove the change gear control unit and starter relay.

Remove the ignition control module.

Fuse Box Screw Ignition Control Module

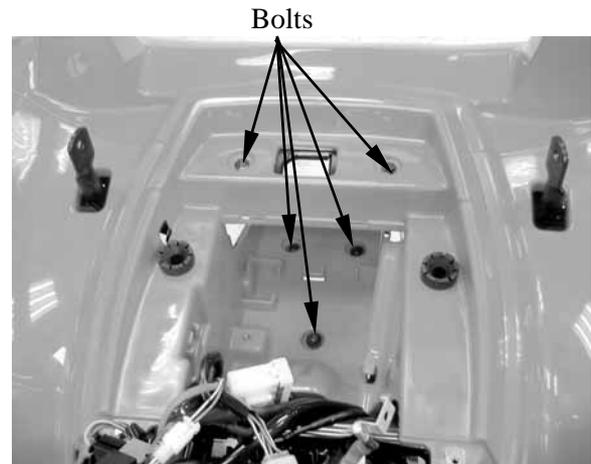


Change Gear Control Unit

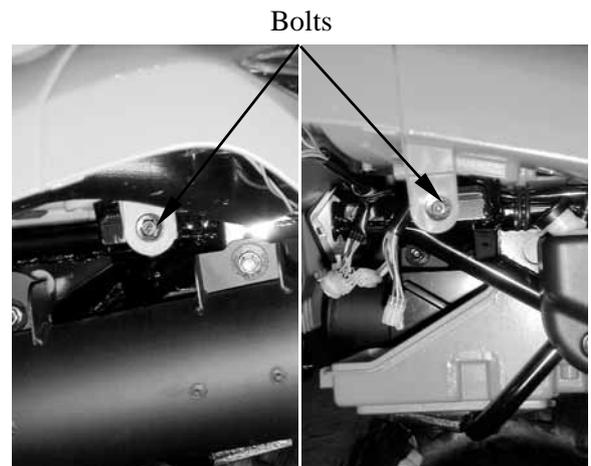
Starter Relay

## 2. FRAME COVERS/EXHAUST MUFFLER

Remove the five bolts from the rear fender.



Remove the two bolts under the rear fender right/left side.



Loosen the air outlet hose band screw and disconnect the air outlet hose from the V-belt compartment cover, then remove the rear fender.

Installation is in the reverse order of removal.

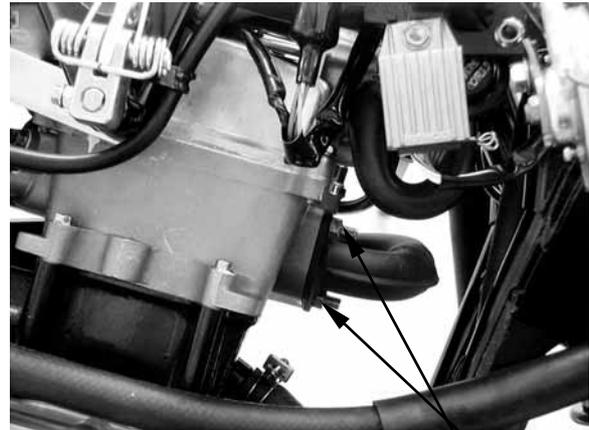


Screw

## 2. FRAME COVERS/EXHAUST MUFFLER

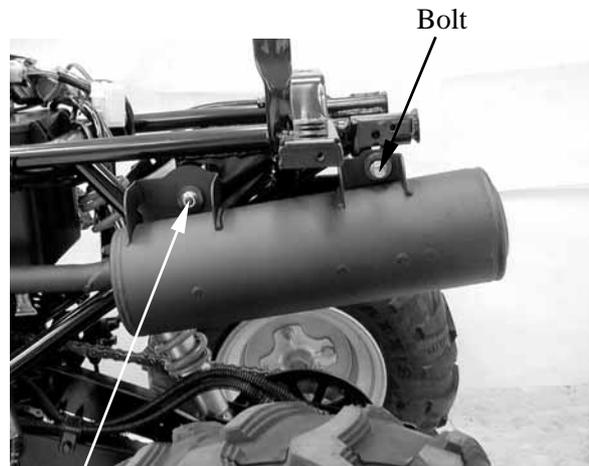
### EXHAUST MUFFLER REMOVAL/INSTALLATION

Remove the exhaust pipe joint nuts.



Joint Nuts

Remove the muffler mounting bolt, nut and exhaust muffler.



Nut

Bolt

Inspect the gasket.

If the exhaust gas leaks, the gasket should be replaced.

Installation is in the reverse order of removal.

#### **Torque:**

Exhaust muffler lock bolt:  
3.2~3.8kgf-m (32 ~ 38Nm, 23 ~ 27.4ft-lb)

Exhaust muffler lock nut:  
1.8~2.2kgf-m (18 ~ 22Nm, 13 ~ 15.8 ft-lb)



Gasket

\* Be sure to install a new exhaust gasket.