

**2. FRAME COVERS/EXHAUST MUFFLER**

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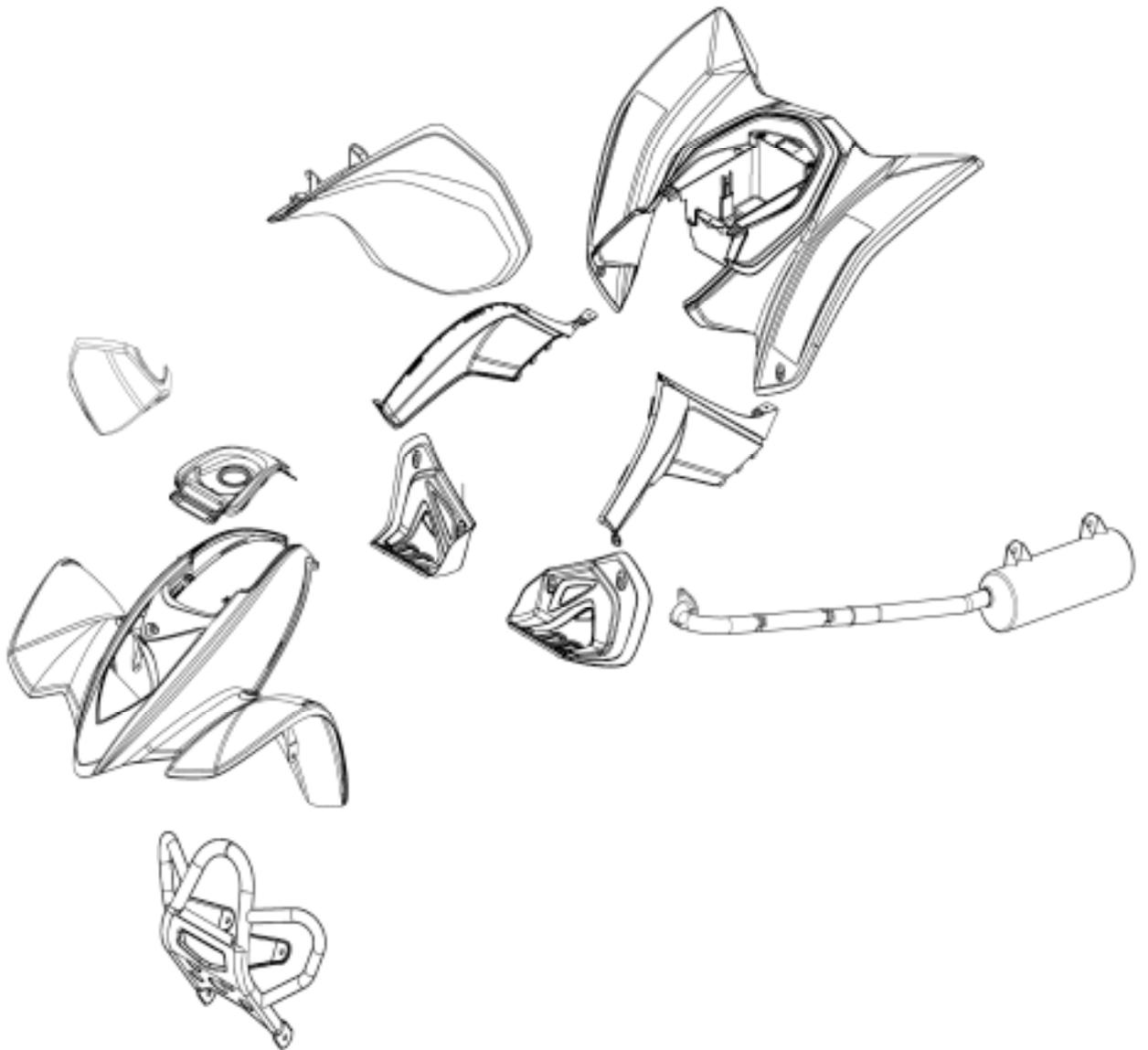
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**FRAME COVERS/EXHAUST MUFFLER**

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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
Exhaust muffler lock nut	1.8_ 2.2kgf-m

### **TROUBLESHOOTING**

#### **Noisy exhaust muffler**

- Damaged exhaust muffler
- Exhaust muffler joint air leaks

#### **Lack of power**

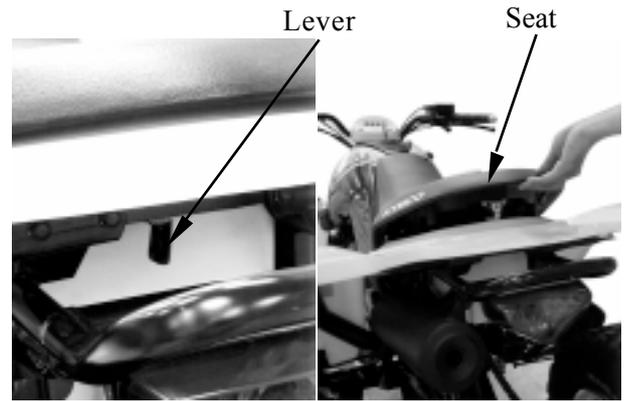
- Caved exhaust muffler
- Exhaust muffler air leaks
- Clogged exhaust muffler

## 2. FRAME COVERS/EXHAUST MUFFLER

### FRAME COVERS

#### SEAT REMOVAL

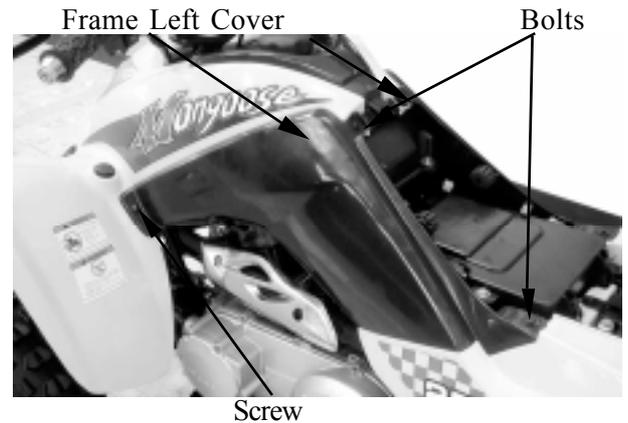
Pull the lever right and pull up the seat at the rear.  
 Remove the seat.



#### LEFT/RIGHT FRAME COVER REMOVAL

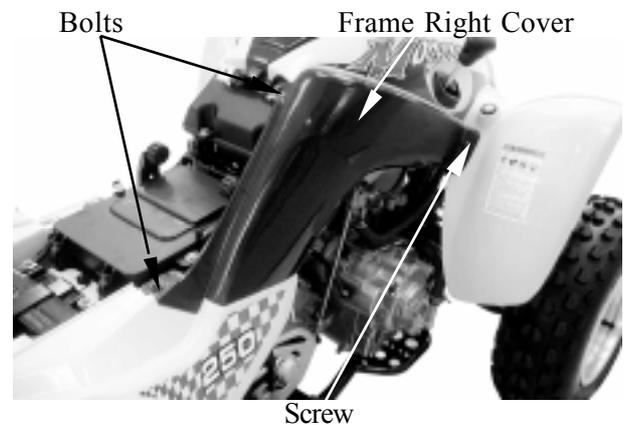
Remove the seat. (See page 2-3)

Remove the screw and two bolts at the left frame cover, then remove left frame cover.



Remove the screw and two bolts at the right frame cover, then remove right frame cover.

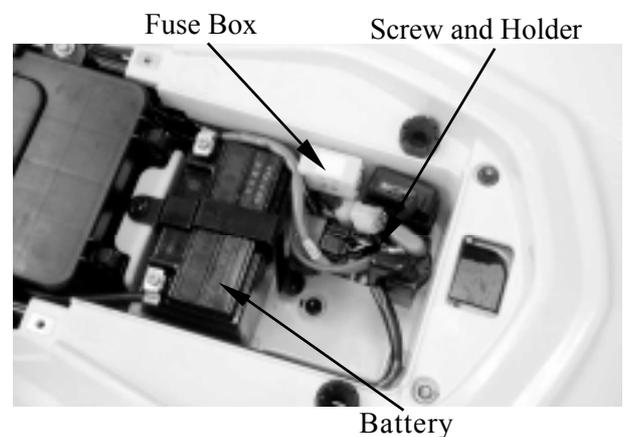
ⓘ During removal, do not pull the joint claws forcedly to avoid damage.



#### REAR FENDER REMOVAL

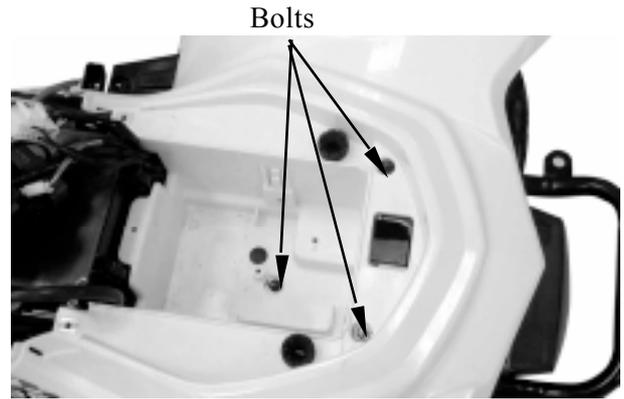
Remove seat. (See page 2-3)  
 Remove right and left frame cover. (See page 2-3)  
 Remove battery. (See page 16-4)

Remove the fuse box.  
 Remove the screw attaching the ignition unit/change gear control unit/starter relay holder and remove holder.

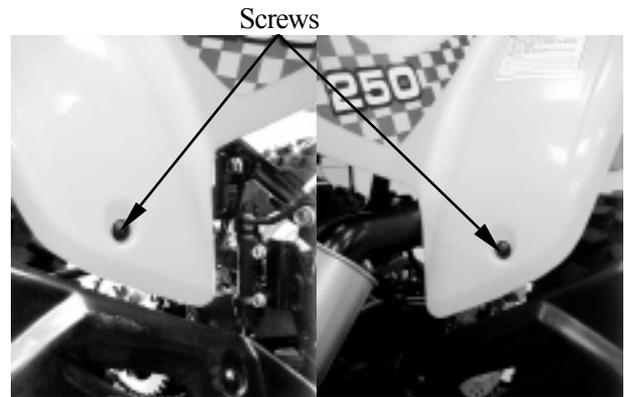


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Remove the three bolts at the rear fender.

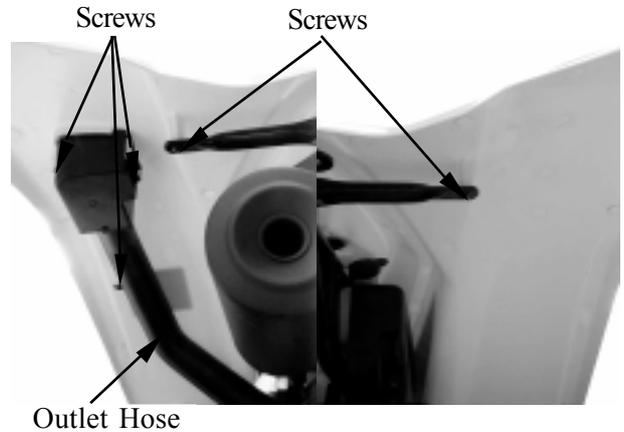


Remove the two screws attaching the right and left floor board.



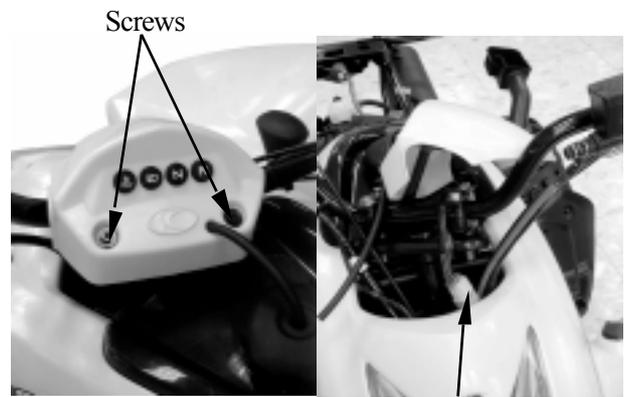
Remove the two screws attaching the frame body and three screws attaching the outlet hose, then remove the rear fender.

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



### HANDLEBAR COVER REMOVAL

Remove the two screws at the handlebar cover.  
 Disconnect the indicator lamp coupler, then remove the handlebar cover.



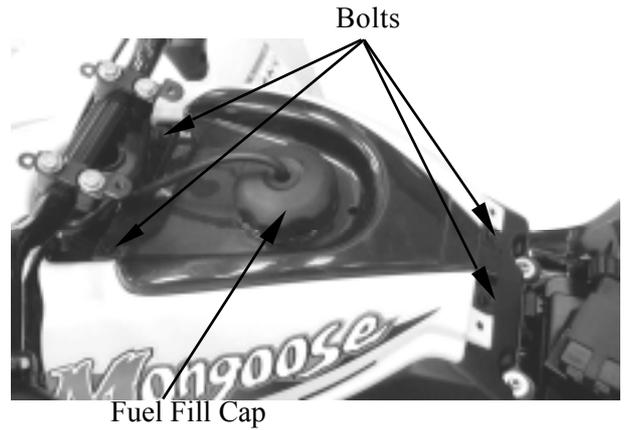
## 2. FRAME COVERS/EXHAUST MUFFLER

### CENTER FRAME COVER REMOVAL

Remove the seat. (See page 2-3)

Remove the fuel fill cap.  
Remove the four bolts at the center frame cover, then remove the center frame cover.

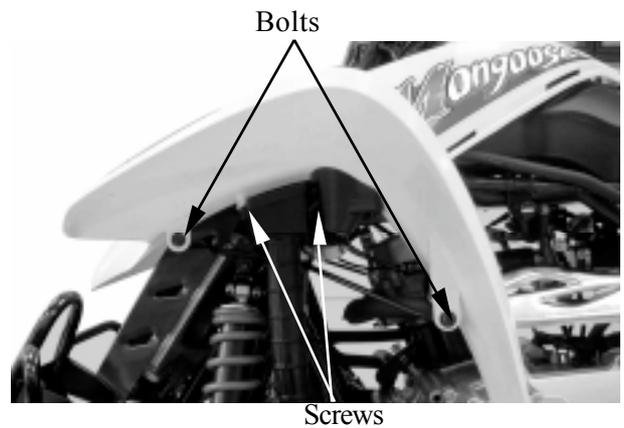
After remove, be sure to tighten the fuel fill cap.



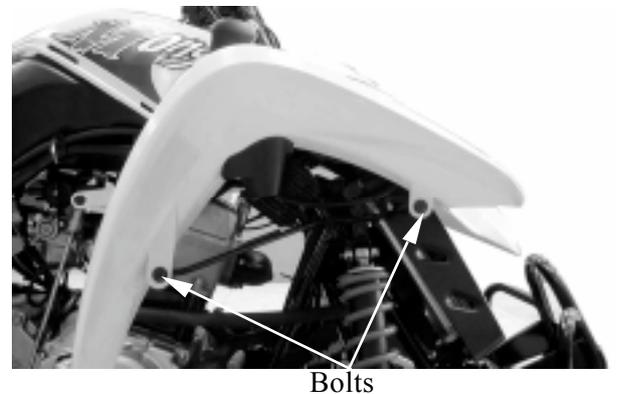
### FRONT FENDER REMOVAL

Remove the seat (See page 2-3), right and left side frame cover (See page 2-3) and center frame cover. (See page 2-5)

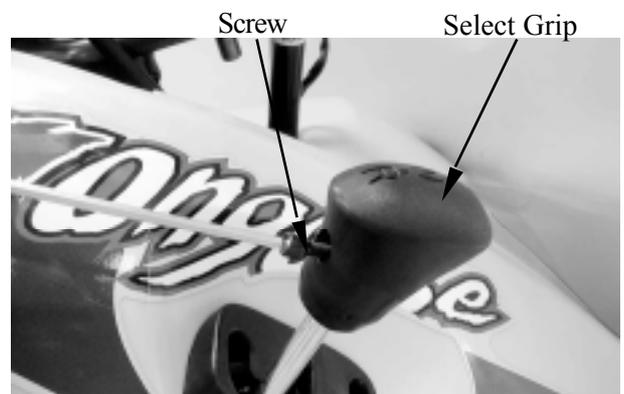
Remove the two bolts at the front fender left side.  
Remove the two screws attaching the inlet hose.



Remove the two bolts at the front fender right side.

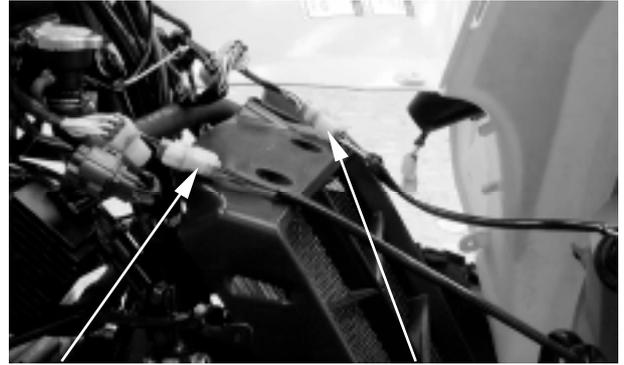


Remove the screw, then remove the drive select grip from the drive select lever.



## 2. FRAME COVERS/EXHAUST MUFFLER

Disconnect headlight and ignition switch couplers, then remove the front fender.



Ignition Coupler

Headlight Coupler

### RIGHT AND LEFT FLOOR BOARD REMOVAL

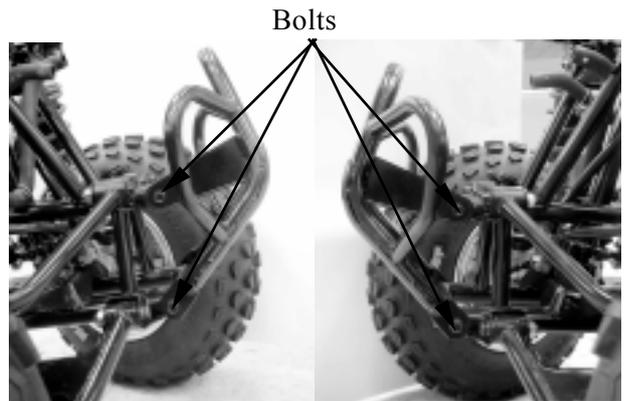
Remove the four screws at the floor board, then remove the floor board.



Screws

### FRONT CARRIER REMOVAL

Remove the four bolts at the front carrier, then remove the front carrier.



Bolts

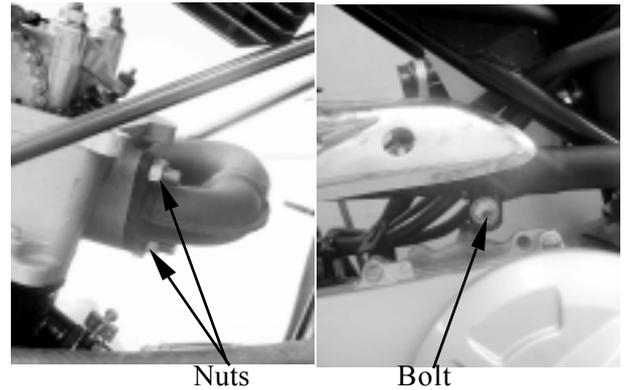
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### EXHAUST MUFFLER

#### REMOVAL

Remove the two exhaust pipe joint lock nuts.

Remove the bolt at the exhaust muffler, disconnect the exhaust pipe from the exhaust muffler.



Inspect the gasket.

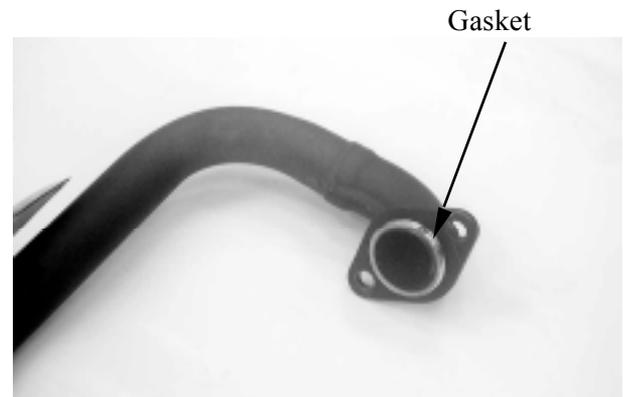
If the exhaust gas leaks, the gasket should be replaced.

Install by reversing the removal sequence.

#### Torque:

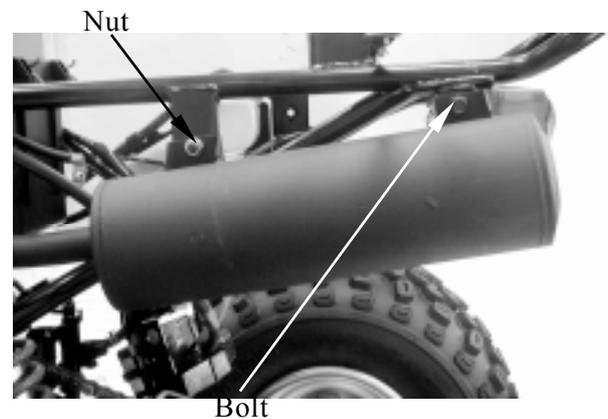
Exhaust muffler lock bolt: 3.2\_ 3.8kgf-m

Exhaust muffler lock nut: 1.8\_ 2.2kgf-m



Ⓢ Be sure to install a new exhaust gasket.

Remove the nut and bolt at the exhaust muffler, then remove the exhaust muffler.



#### INSTALLATION

Install by reversing the removal sequence.

#### Torque:

Exhaust muffler lock bolt and nut:  
3.2\_ 3.8kgf-m

