

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

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## **FRAME COVERS/EXHAUST MUFFLER**

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

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### **SCHEMATIC DRAWING**



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

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### **SERVICE INFORMATION**

#### **GENERAL INSTRUCTIONS**

- When removing frame covers, use 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**

Muffler mount bolt	35 N•m (3.5 kgf•m, 25 lbf•ft)
Exhaust pipe joint nut	20 N•m (2 kgf•m, 14 lbf•ft)
Exhaust pipe band bolt	21 N•m (2.1 kgf•m, 15 lbf•ft)

### **TROUBLESHOOTING**

#### **Noisy exhaust muffler**

- Damaged exhaust muffler
- Exhaust muffler joint air leaks

#### **Lack of power**

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

## 2. EXHAUST MUFFLER/FRAME COVERS

### FRAME COVERS REMOVAL

#### SEAT

##### REMOVAL

Unlock the seat with the ignition key.  
Open the seat.

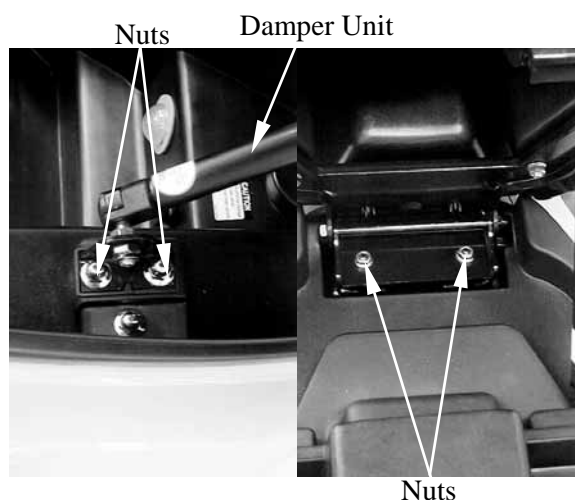
Remove the two nuts and seat damper unit.

Remove the two nuts and the seat.

##### INSTALLATION

Installation is in the reverse order of the removal.

After installation, check the seat installation by moving the seat.



### LUGGAGE BOX

#### REMOVAL

Remove the seat (page 2-3).

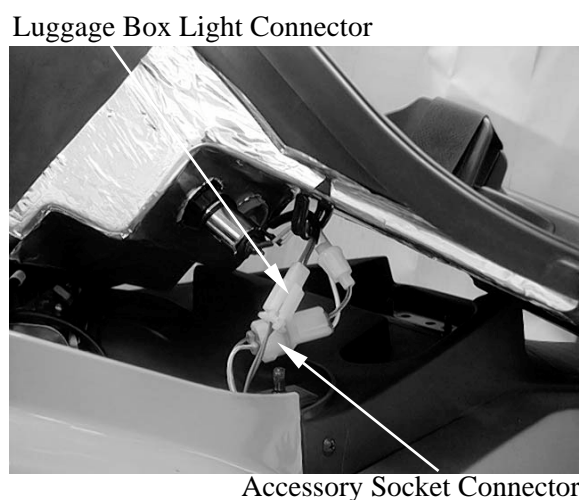
Remove the four screws and three nuts.



Raise the luggage box, disconnect the luggage box light and accessory socket connectors.

##### INSTALLATION

Installation is in the reverse order of removal.



## 2. FRAME COVERS/ EXHAUST MUFFLER

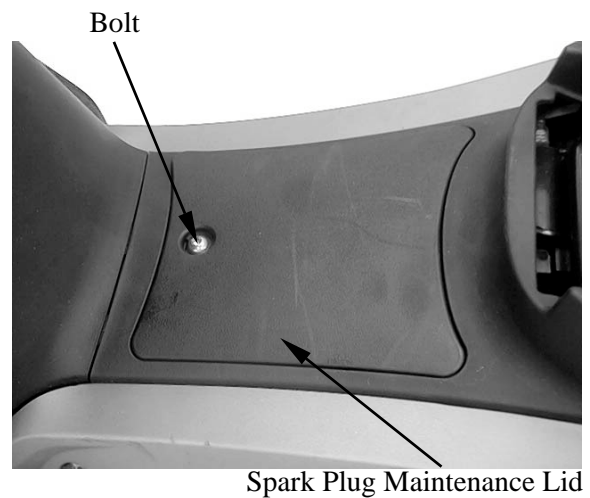
### SPARK PLUG MAINTENANCE LID

#### REMOVAL

Remove the bolt and lid.

#### INSTALLATION

Installation is in the reverse order of removal.



### REAR SPOILER

#### REMOVAL

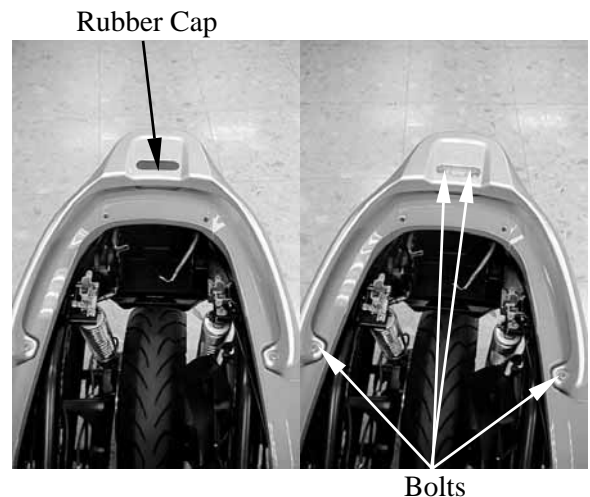
Unlock the seat with the ignition key.  
Open the seat.

Remove the rubber cap.

Remove four bolts and rear spoiler.

#### INSTALLATION

Installation is in the reverse order of removal.



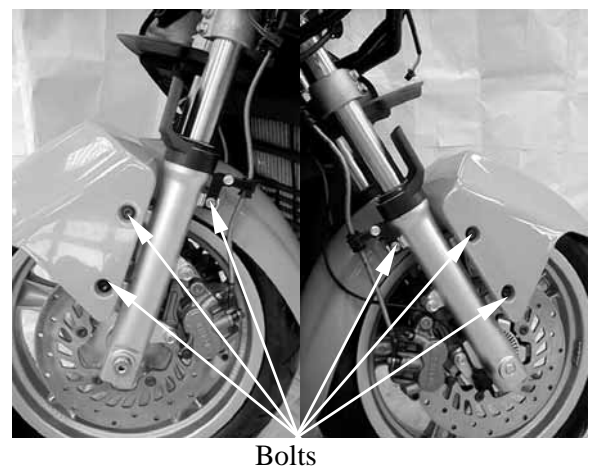
### FRONT FENDER

#### REMOVAL

Remove the six bolts and front fender.

#### INSTALLATION

Installation is in the reverse order of removal.



## 2. EXHAUST MUFFLER/FRAME COVERS

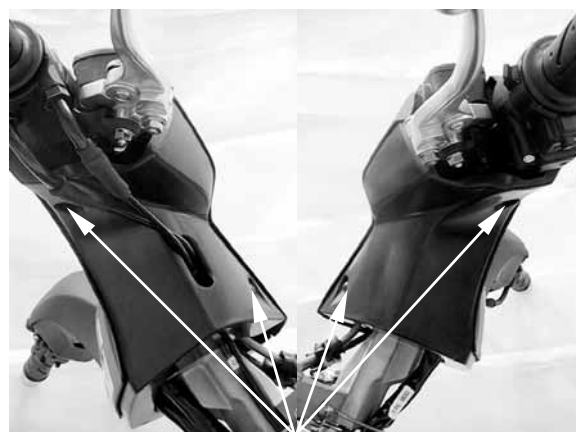
### UPPER HANDLEBAR COVER

#### REMOVAL

Remove four screws and upper handlebar cover.

#### INSTALLATION

Installation is in the reverse order of removal.



Screws

### RIGHT/LEFT CENTER BODY COVER

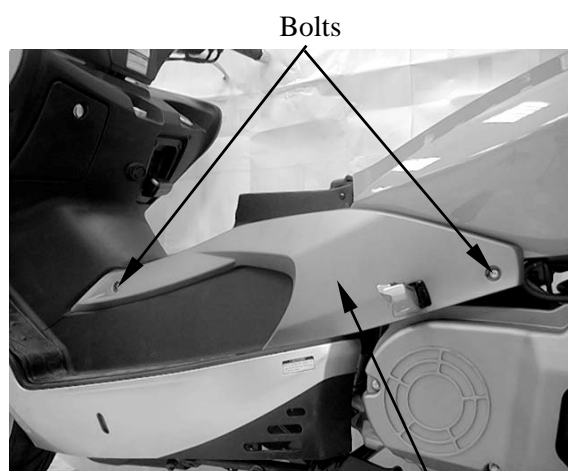
#### REMOVAL

Remove the two bolts and right/left center body cover.

\* Be careful not to damage the tabs on the center body cover.

#### INSTALLATION

Installation is in the reverse order of removal.



Bolts

Center Body Cover

### RIGHT/LEFT FLOOR SKIRT

#### REMOVAL

Remove the floor mat.

Remove the center body cover (page 2-5).



Floor Mat

## 2. FRAME COVERS/ EXHAUST MUFFLER

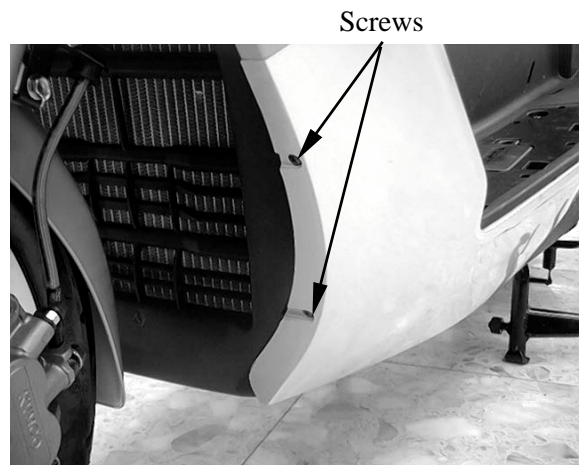
Remove the seven screws.



Remove two screws.

Remove the floor skirt.

\* Be careful not to damage the tabs on the floor skirt.



### INSTALLATION

Installation is in the reverse order of removal.

### FLOORBOARD

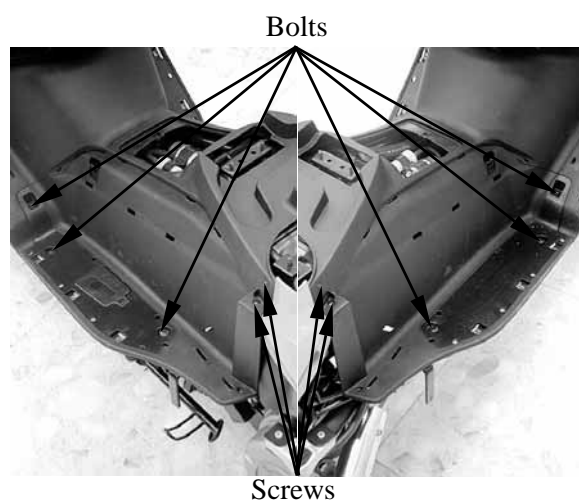
#### REMOVAL

Remove right and left center body cover (page 2-5).

Remove the right and left floor skirt (page 2-5).

Remove the luggage box (page 2-3).

Remove six bolts, four screws and floorboard.



### INSTALLATION

Installation is in the reverse order of removal.



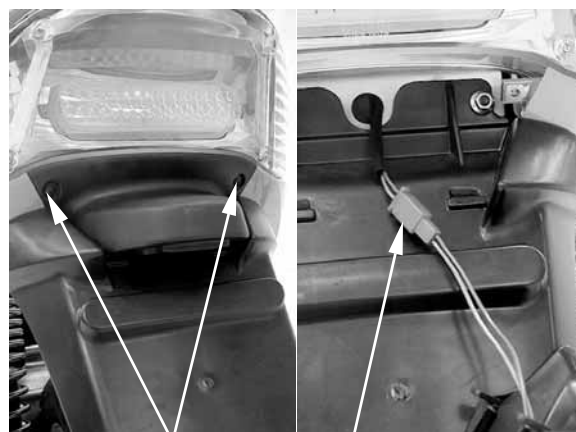
## 2. EXHAUST MUFFLER/FRAME COVERS

### LICENCE LIGHT REMOVAL

Remove two screws.  
Disconnect the license light connector and  
remove the license light.

### INSTALLATION

Installation is in the reverse order of removal.



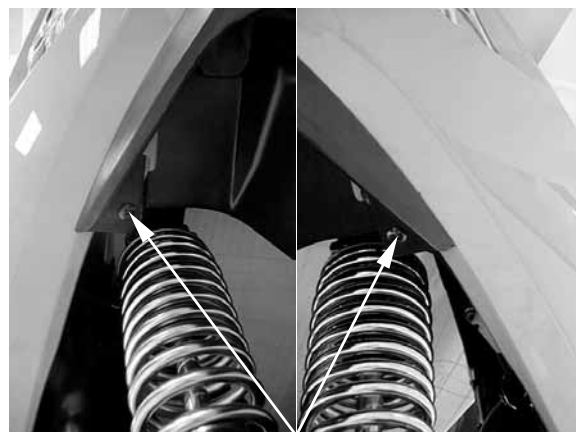
Screws

Connector

### REAR FENDER REMOVAL

Remove the licence light (page 2-7).

Remove two screws.

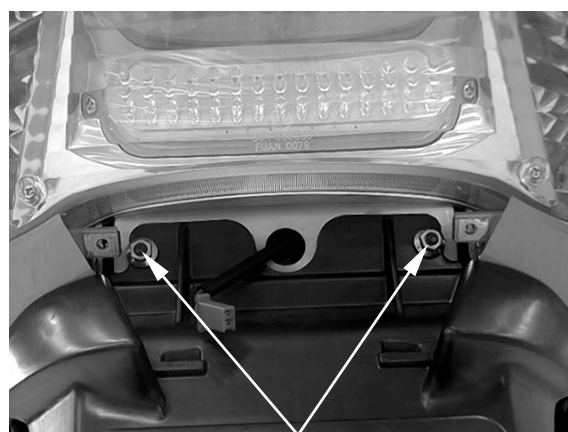


Screws

Remove two nuts and rear fender.

### INSTALLATION

Installation is in the reverse order of removal.



Nuts

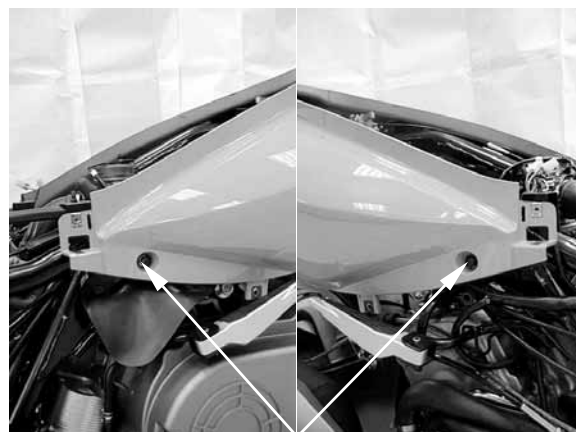


## 2. FRAME COVERS/ EXHAUST MUFFLER

### RIGHT/LEFT SIDE BODY COVER REMOVAL

Remove the luggage box (page 2-3).  
Remove the floorboard (page 2-6).  
Remove the rear spoiler (page 2-4).

Remove two bolts.



Bolts

Raise the side body cover, disconnect the taillight/rear turn signal light connector and remove the side body cover.

### INSTALLATION

Installation is in the reverse order of removal



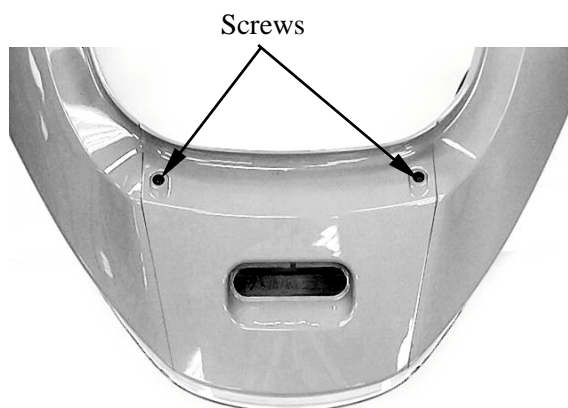
Taillight/Rear Turn Signal Light Connector

### REAR BODY COVER REMOVAL

Remove the luggage box (page 2-3).  
Remove the rear spoiler (page 2-4).

Remove two screws and rear body cover.

\* Be careful not to damage the tabs on the rear body cover.



Screws

### INSTALLATION

Installation is in the reverse order of removal.

## 2. EXHAUST MUFFLER/FRAME COVERS

### TAILLIGHT/REAR TURN SIGNAL LIGHT

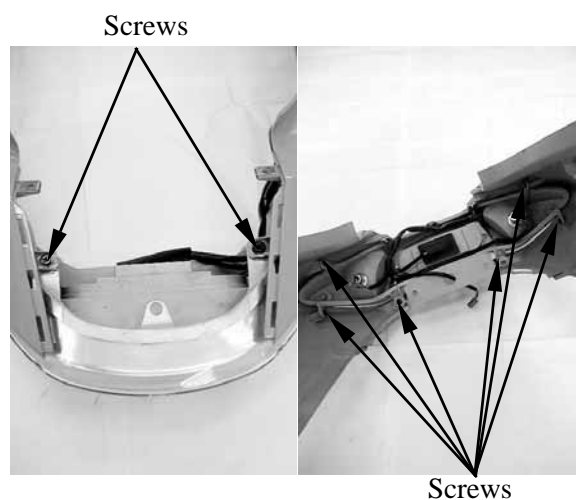
#### REMOVAL

Remove the side and rear body cover (page 2-8).

Remove eight screw and taillight/rear turn signal light.

#### INSTALLATION

Installation is in the reverse order of removal.

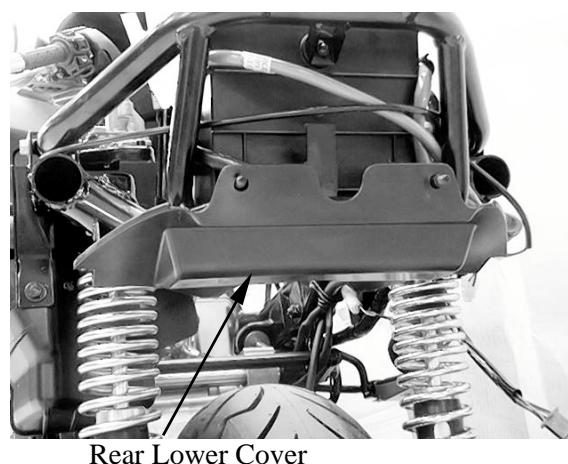


### REAR LOWER COVER

#### REMOVAL

Remove the side body cover (page 2-8).

Remove the rear lower cover.

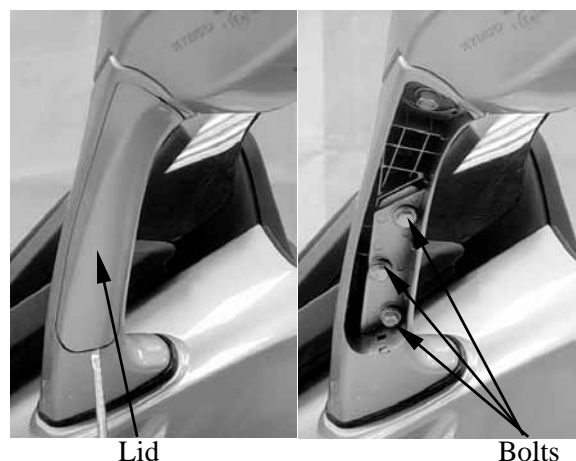


### REARVIEW MIRROR

#### REMOVAL

Remove bolts lid.

Remove three bolts and rearview mirror.

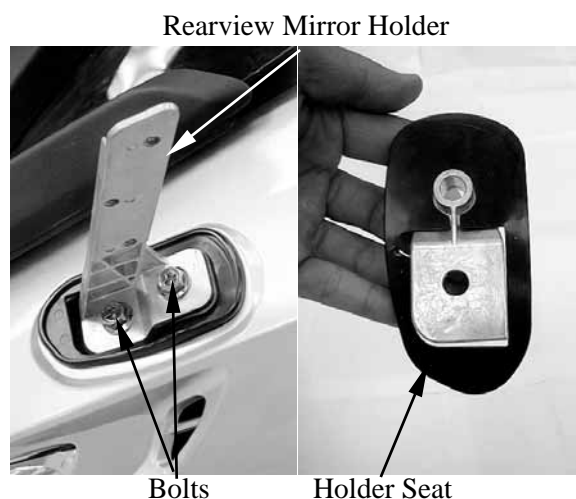


## 2. FRAME COVERS/ EXHAUST MUFFLER

Remove the two bolts, rearview mirror holder and seat.

### INSTALLATION

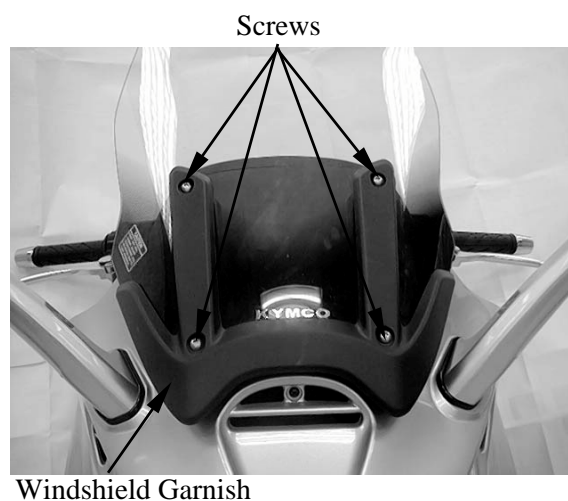
Installation is in the reverse order of removal



### WINDSHIELD

#### REMOVAL

Remove four screws and windshield garnish.



Remove four bolts and windshield.

\* Be careful not to scratch or damage the windshield surface.

### INSTALLATION

Installation is in the reverse order of removal.



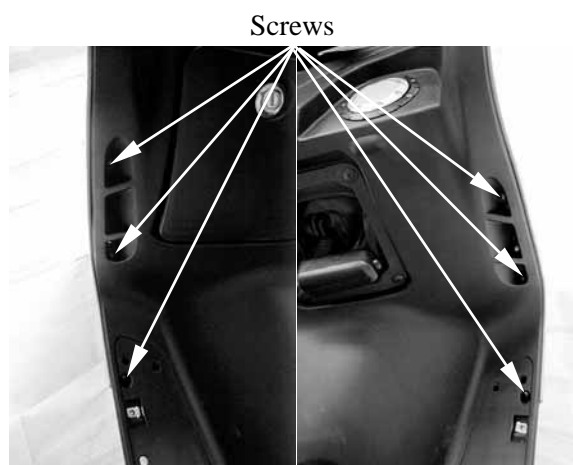
## 2. EXHAUST MUFFLER/FRAME COVERS

### FRONT COVER

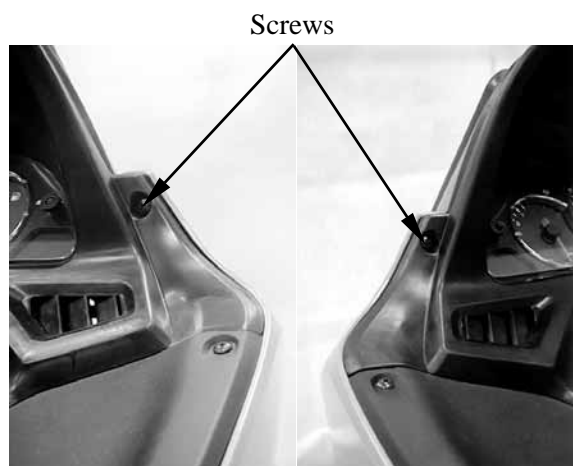
#### REMOVAL

Remove the rearview mirrors (page 2-9).

Remove six screws.



Remove two screws.

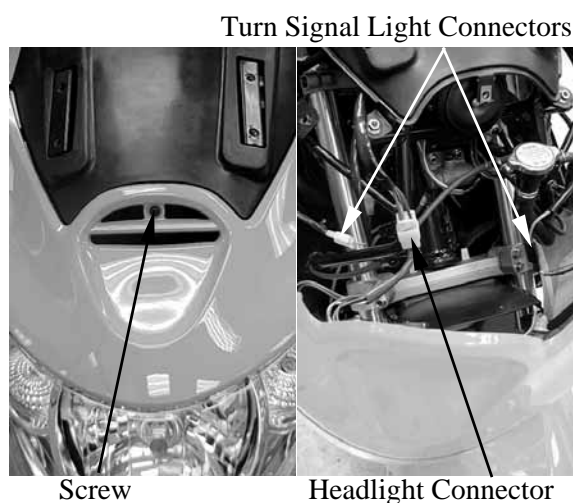


Remove one screw.

Disconnect headlight and turn signal light connectors.

#### INSTALLATION

Installation is in the reverse order of removal.



## 2. FRAME COVERS/ EXHAUST MUFFLER

### HEADLIGHT

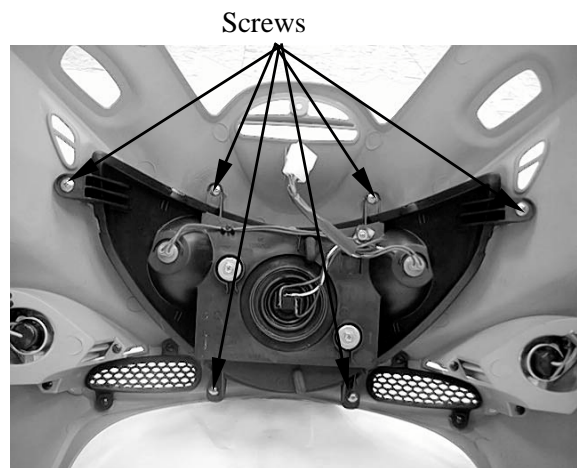
#### REMOVAL

Remove the front cover (page 2-11).

Remove six screws and headlight.

#### INSTALLATION

Installation is in the reverse order of removal.



### TURN SIGNAL LIGHT

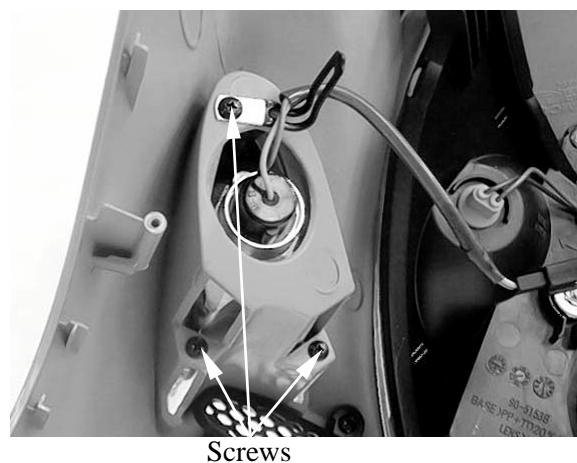
#### REMOVAL

Remove the front cover (page 2-11).

Remove three screws and turn signal light.

#### INSTALLATION

Installation is in the reverse order of removal.



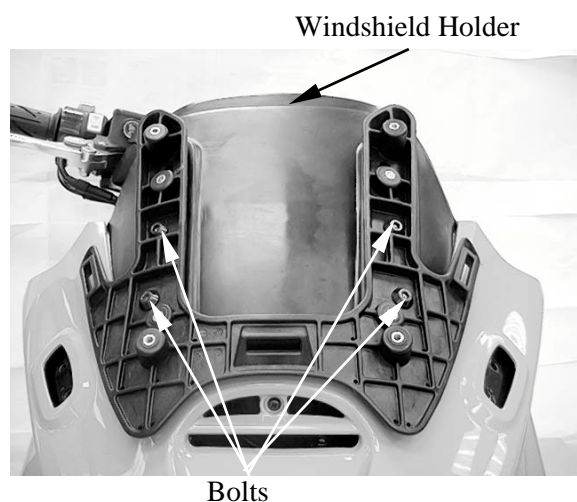
### FRONT METER VISOR

#### REMOVAL

Remove the windshield (page 2-10).

Remove the front cover (page 2-11).

Remove four bolts and windshield holder.





## 2. EXHAUST MUFFLER/FRAME COVERS

Remove two screws and front meter visor.

### INSTALLATION

Installation is in the reverse order of removal.



Screw

### MEER PANEL

#### REMOVAL

Remove the front cover (page 2-11).

Remove the front meter visor (page 2-12).

Remove four screws.

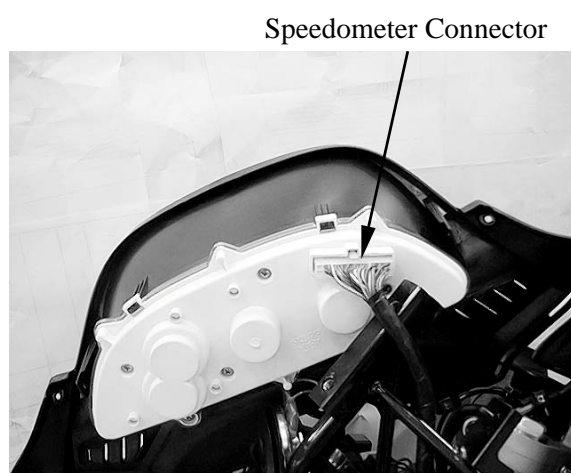


Screws

Disconnect the speedometer connector and remove meter panel.

### INSTALLATION

Installation is in the reverse order of removal.



Speedometer Connector

Bolts



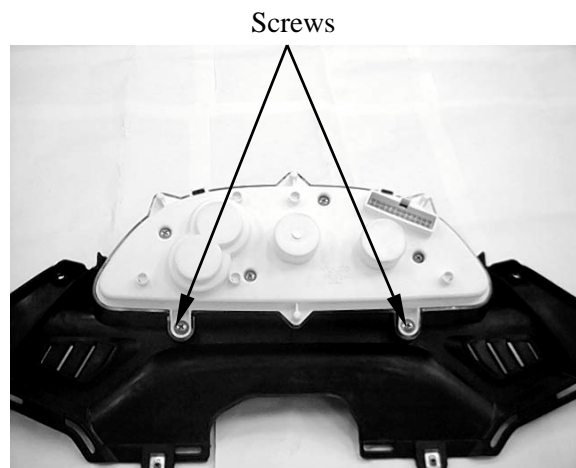
## 2. FRAME COVERS/ EXHAUST MUFFLER

### METER

#### REMOVAL

Remove the meter panel (page 2-13).

Remove two screws and meter.



### INNER COVER

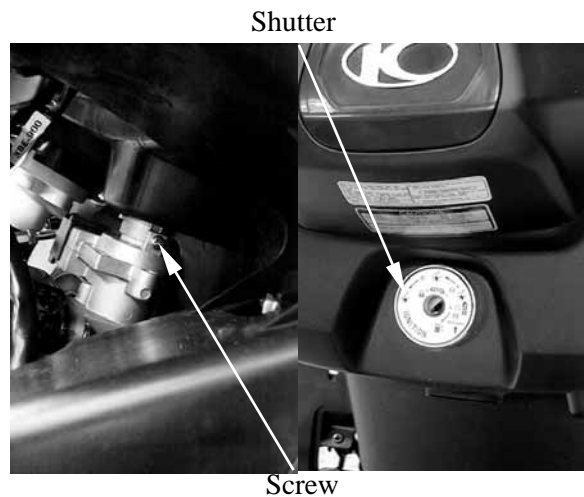
#### REMOVAL

Remove the front cover (page 2-11).

Remove the floorboard (page 2-6).

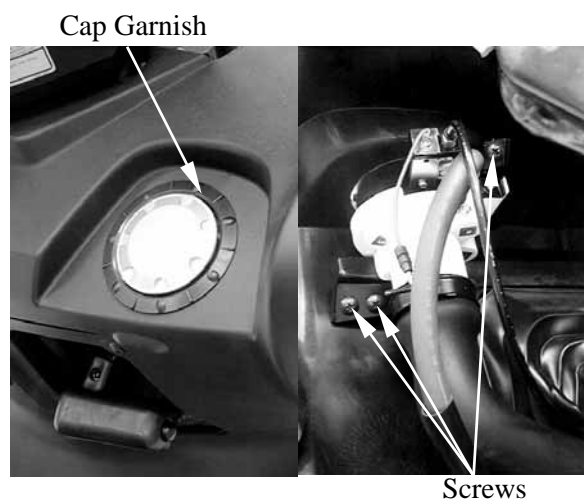
Remove the meter panel (page 2-13).

Remove the shutter screw and shutter.



Turn the fuel fill cap garnish counterclockwise and remove it.

Remove three screws and disconnect the fuel fill duct.

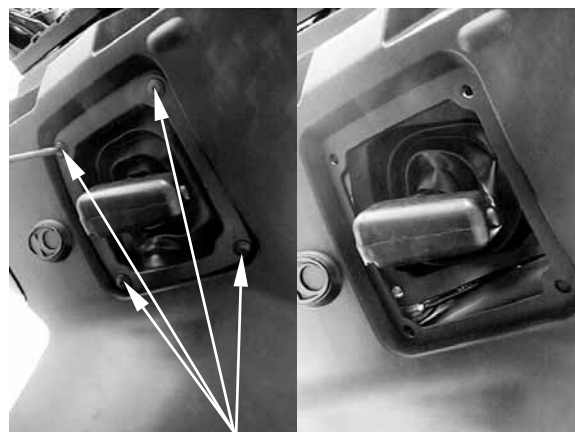


## 2. EXHAUST MUFFLER/FRAME COVERS

Remove four fasteners.  
Remove the inner cover.

### INSTALLATION

Installation is in the reverse order of removal.



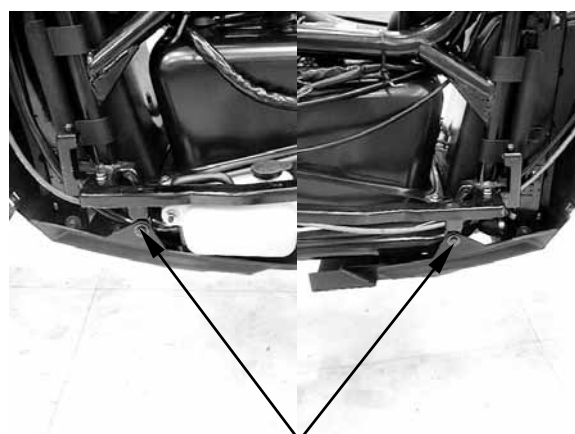
Fasteners

### FRONT LOWER COVER

#### REMOVAL

Remove the front cover (page 2-11).  
Remove the right and left floor skirt (page 2-5).

Remove two bolts and front lower cover.



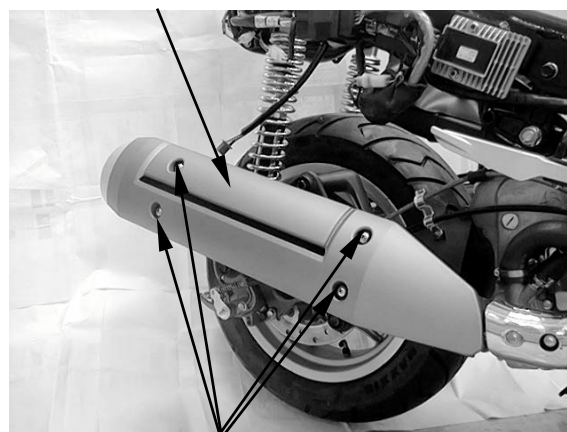
Bolts

### EXHAUST MUFFLER

#### REMOVAL

Remove four screws and muffler protector.

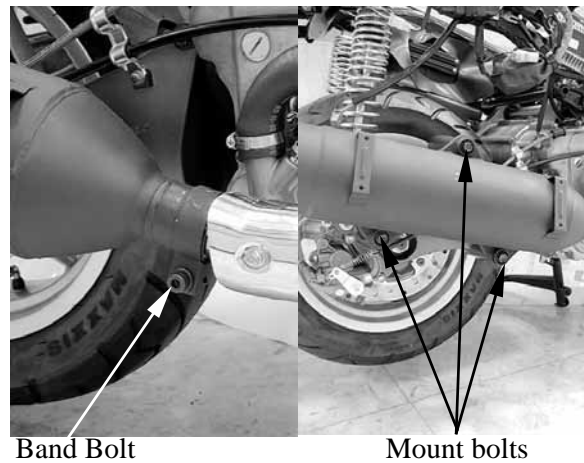
Muffler Protector



Screws

## 2. FRAME COVERS/ EXHAUST MUFFLER

Loosen the exhaust pipe band bolt.  
Remove three muffler mount bolts and muffler from the exhaust pipe.



Band Bolt

Mount bolts

Remove the exhaust pipe joint nuts and exhaust pipe.



Joint Nuts

Remove the gaskets.

### INSTALLATION

Replace the gaskets with new ones.  
Install the exhaust pipe and tighten the joint nuts.

**Torque: 20 N•m (2 kgf•m, 14 lbf•ft)**

Install the muffler and tighten the mount bolts.

**Torque: 35 N•m (3.5 kgf•m, 25 lbf•ft)**

Install and tighten the band bolts.

**Torque: 21 N•m (2.1 kgf•m, 15 lbf•ft)**



Gaskets