

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

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## **EXHAUST MUFFLER/FRAME COVERS**

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

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### **SCHEMATIC DRAWING**



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

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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**

Exhaust muffler lock bolt	32_	38N-m
Exhaust muffler joint lock nut	18_	22N-m

### **TROUBLESHOOTING**

#### **Noisy exhaust muffler**

- Damaged exhaust muffler
- Exhaust muffler joint air leaks

#### **Lack of power**

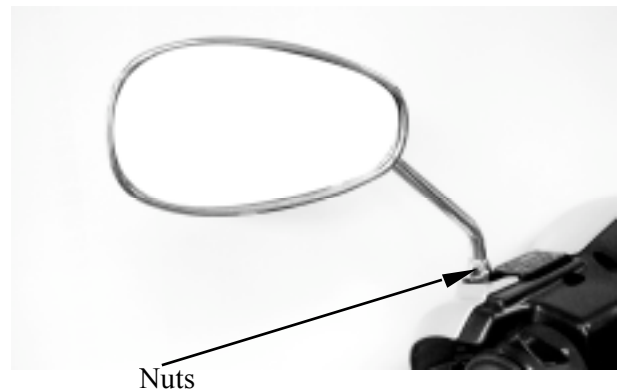
- Caved exhaust muffler
- Clogged exhaust muffler
- Exhaust muffler air leaks

## 2. EXHAUST MUFFLER/FRAME COVERS

### FRAME COVERS REMOVAL

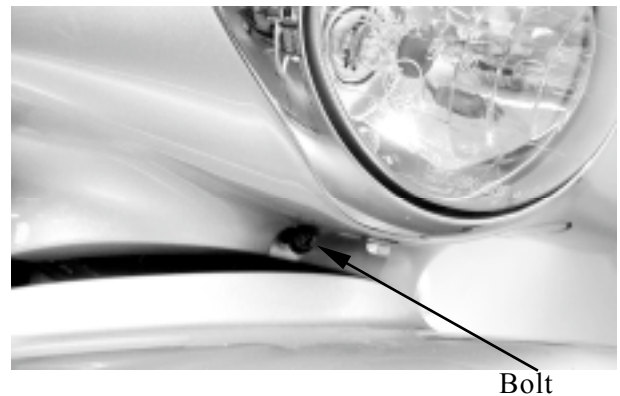
#### RIGHT AND LEFT BACK MIRROR REMOVAL

Loosen the nut on the back mirror.  
Remove the back mirror.

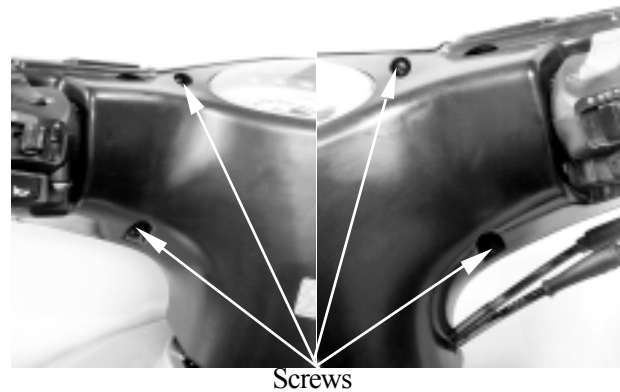


#### HANDLEBAR FRONT COVER REMOVAL

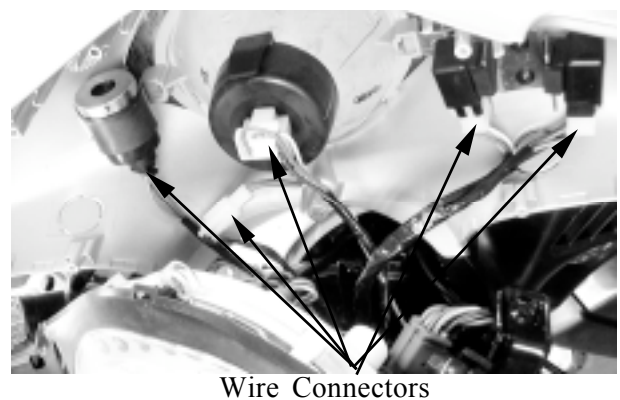
Remove one bolt on the handlebar front cover.



Remove the four screws attaching handlebar rear cover to separate from handlebar rear cover.



Disconnect all of the wire connectors, couplers.  
Remove handlebar front cover.



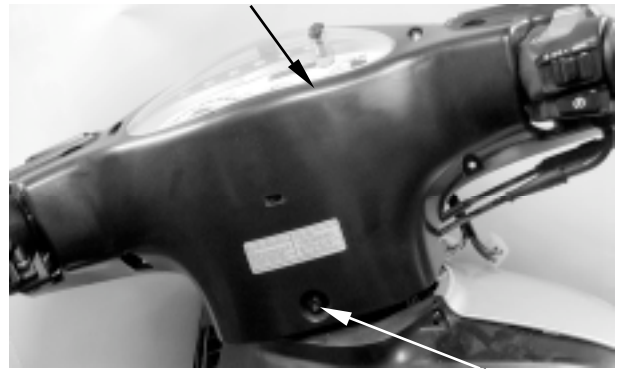
## 2. EXHAUST MUFFLER/FRAME COVERS

### HANDLEBAR REAR COVER REMOVAL

Remove handlebar front cover. (⇒2-3)

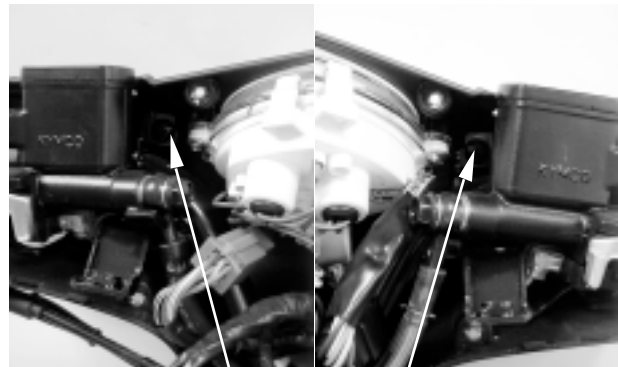
Remove front cover. (⇒2-4)

Remove the bolt on the handlebar rear cover.



Bolt

Remove the two screws attaching frame.



Screw

Screw

Disconnect all of the wire connectors, couplers and the speedometer cable.

Remove the handlebar rear cover.



Speed Wire

Wire Connectors

Wire Connectors

### FRONT COVER REMOVAL

Remove the bolt on the front of the front cover.

Remove the six screws attaching the leg shield.



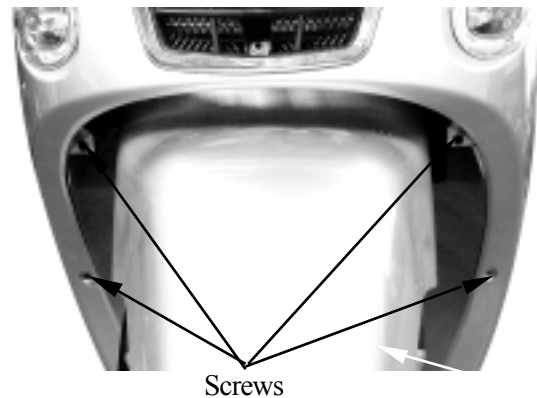
Screw



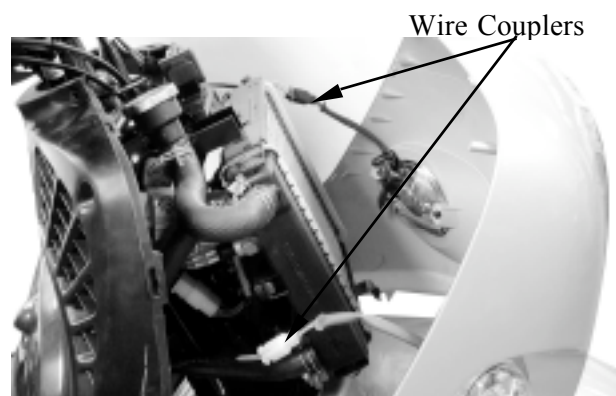
Screws

## 2. EXHAUST MUFFLER/FRAME COVERS

Remove the four screws attaching the front under cover. Disconnect the front cover from leg shield and front under cover.

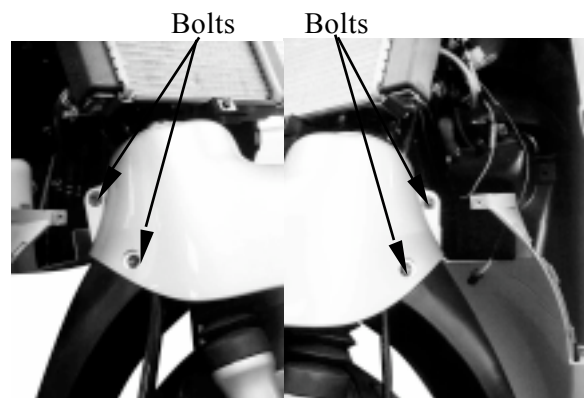


Disconnect all of the wire couplers. Remove the front cover.



### FRONT FENDER A/B REMOVAL

Remove the two screws that combine front fender A with the front fender B.

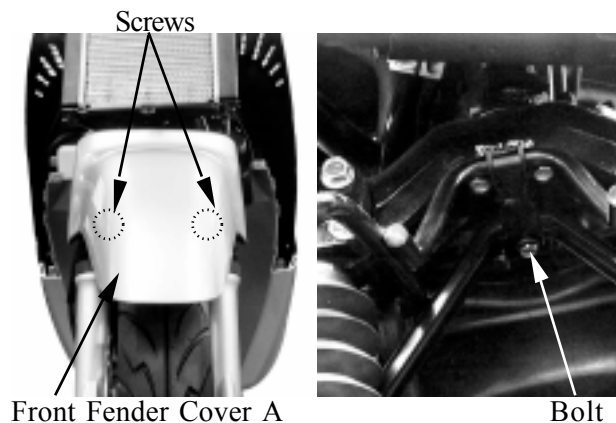


Remove the two screws under the front fender A.

Remove the front fender A.

Remove the bolt under front fender B that combine front fender B with frame.

Remove the front fender B.



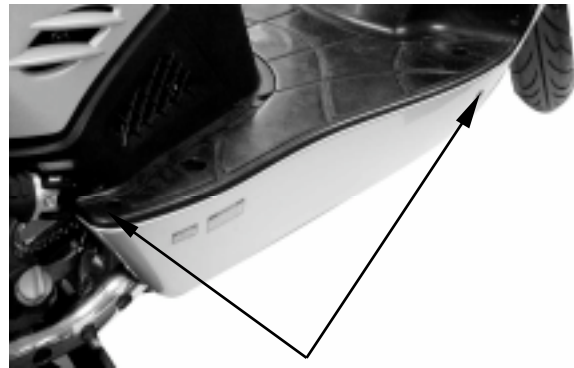
## 2. EXHAUST MUFFLER/FRAME COVERS

### RIGHT/LEFT SIDE COVER REMOVAL

Remove the screw combine right (left) side cover with front under cover.

Remove the screw combine right (left) side cover with the floor board.

Remove the right (left) side cover.



Screws

### MET-IN BOX AND REAR CARRIER REMOVAL

Open the seat with key.

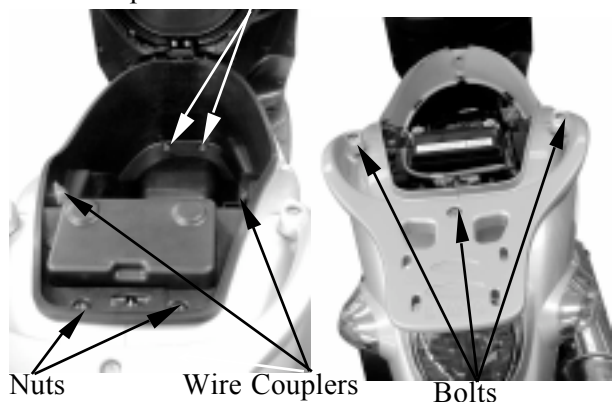
Remove two bolts and two nuts on the met-in box.

Disconnect all of the wire couplers.

Remove met-in box.

Remove three bolts and remove the rear carrier.

Wire Couplers



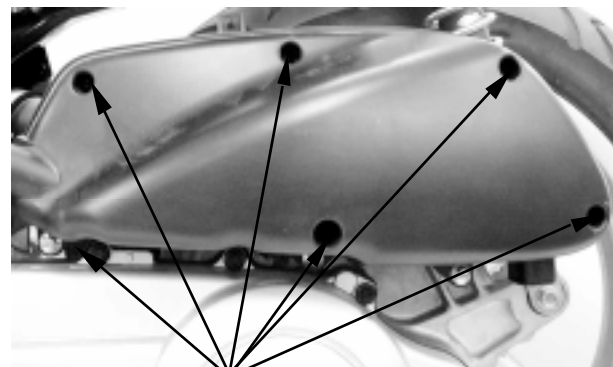
Nuts

Wire Couplers

Bolts

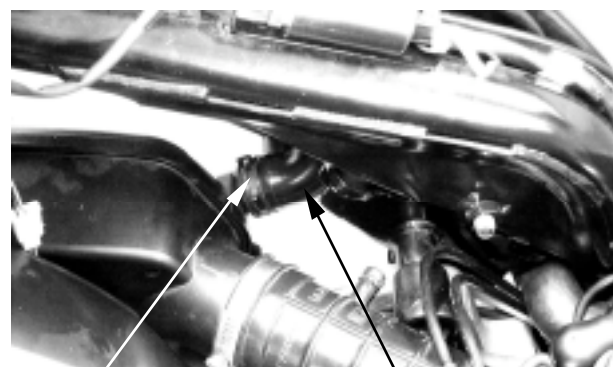
### BODY COVER/CENTER COVER/REAR FENDER A REMOVAL

Remove six screws on air cleaner cover.



Screws

Loosen band to remove air cleaner cover and disconnect air duct hose.



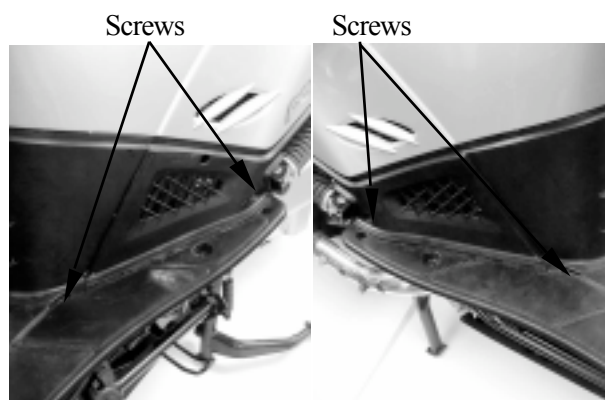
Band

Air Duct Hose

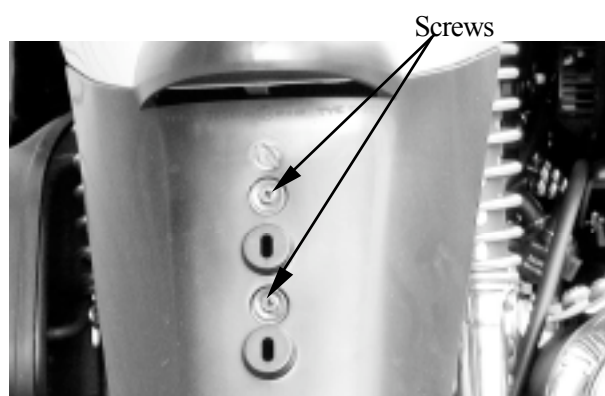


## 2. EXHAUST MUFFLER/FRAME COVERS

Remove the met-in box and rear carrier. (⇒2-6)  
Remove the four screws attaching the floor board.

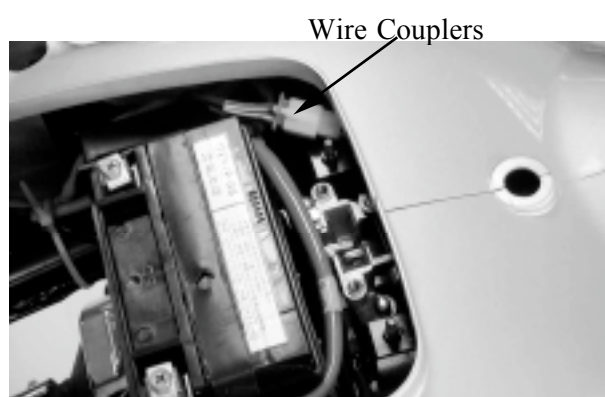


Remove the two screws on the rear fender A.



Disconnect all of the wire couplers.

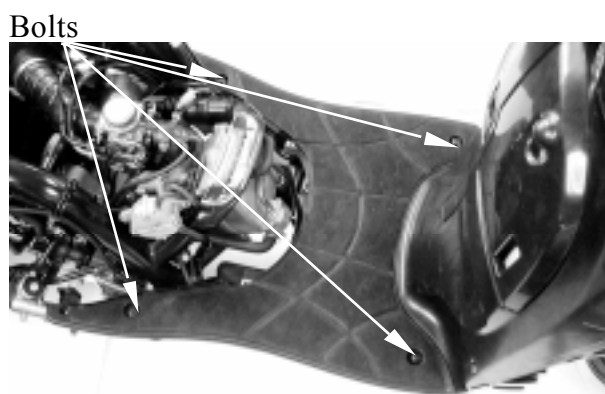
Remove the body cover, center cover and rear fender A together.



### FLOOR BOARD REMOVAL

Remove the met-in box and rear carrier. (⇒2-6)  
Remove the body cover, center cover and rear fender A together. (⇒2-6)  
Remove right and left side cover. (⇒2-6)  
Remove the four bolts on the floor board.

Remove the floor board.



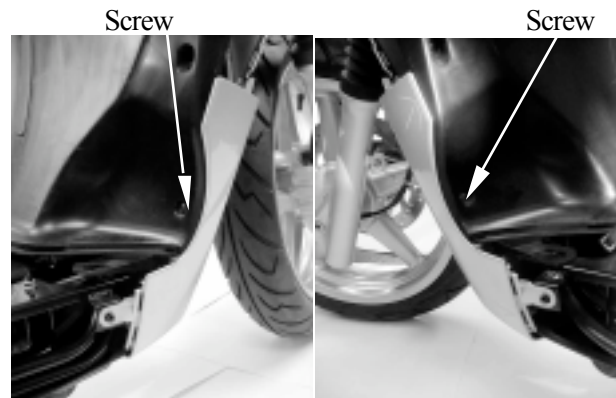


## 2. EXHAUST MUFFLER/FRAME COVERS

### FRONT UNDER COVER REMOVAL

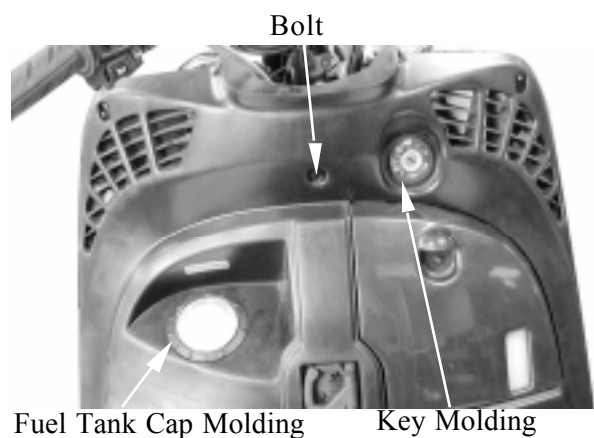
Remove the front cover. (⇒2-8)  
 Remove the right and left side cover. (⇒2-6)  
 Remove the two screws that combine the front under cover with the leg shield.

Remove the front under cover.



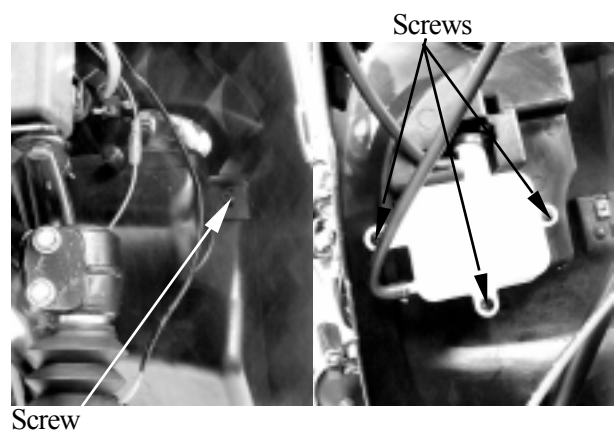
### LEG SHIELD REMOVAL

Remove the front cover. (⇒2-4)  
 Remove the side cover. (⇒2-6)  
 Remove the met-in box and carrier. (⇒2-6)  
 Remove the body cover, center cover and rear fender A together. (⇒2-6)  
 Remove the floor board. (⇒2-7)  
 Remove the front under cover. (⇒2-7)  
 Remove the key molding and fuel tank cap molding.  
 Remove the bolt on the leg shield.



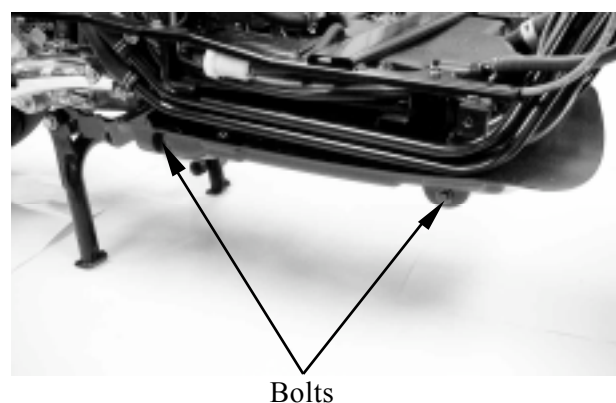
Remove the screw on the frame that combining the frame with the leg shield.  
 Remove the three screws that combine the reserve water tank with the leg shield.

Remove the leg shield.



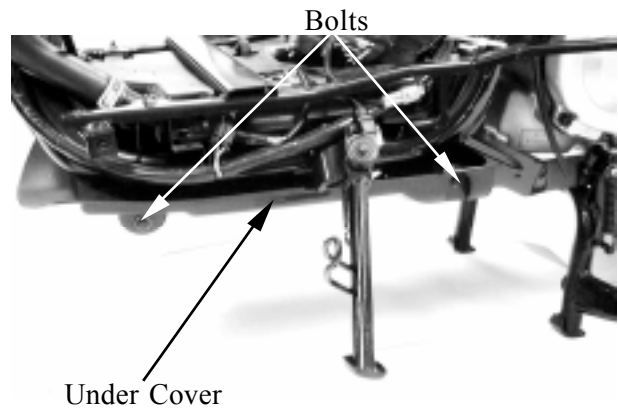
### CENTER UNDER COVER REMOVAL

Remove the right and left side cover. (⇒2-6)  
 Remove the four bolts on the center under cover.



## 2. EXHAUST MUFFLER/FRAME COVERS

Remove the center under cover.

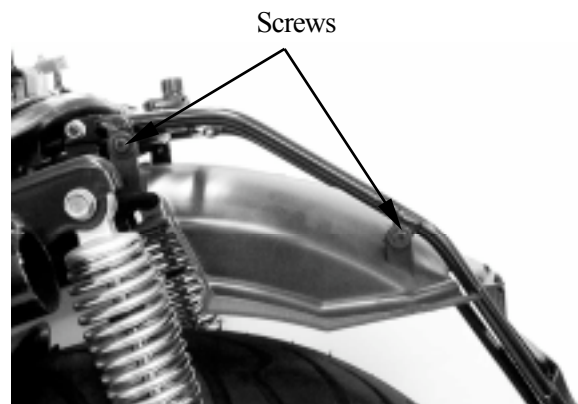


### REAR FENDER COVER B/C REMOVAL

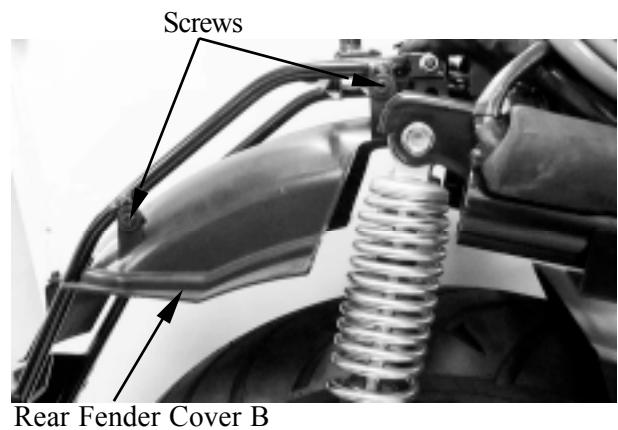
Remove the met-in box. (⇒2-6)

Remove the body cover, center cover and rear fender A together. (⇒2-6)

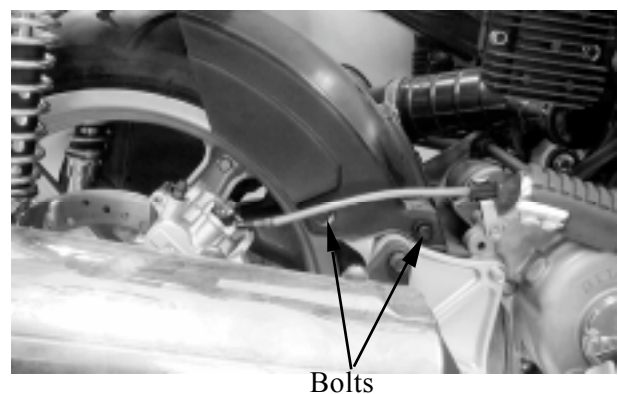
Remove the four screws on the rear fender B.



Remove the rear fender B.



Remove the two bolts on the rear fender C.



## 2. EXHAUST MUFFLER/FRAME COVERS

Remove the screw attaching the air cleaner case.

Remove the rear fender C.

### EXHAUST MUFFLER REMOVAL

Remove the two exhaust muffler joint lock nuts.

Remove the three exhaust muffler lock bolts to remove the exhaust muffler.

Remove the exhaust muffler joint packing collar.

When installing, first install the exhaust muffler packing collar onto the engine and then install the exhaust muffler.

#### Torques:

Exhaust muffler lock bolt (next to exhaust pipe): 32\_ 38N-m

Exhaust muffler lock bolt: 59N-m

Exhaust muffler joint lock nut: 18\_ 22N-m

\* Be sure to install a new exhaust muffler packing collar.

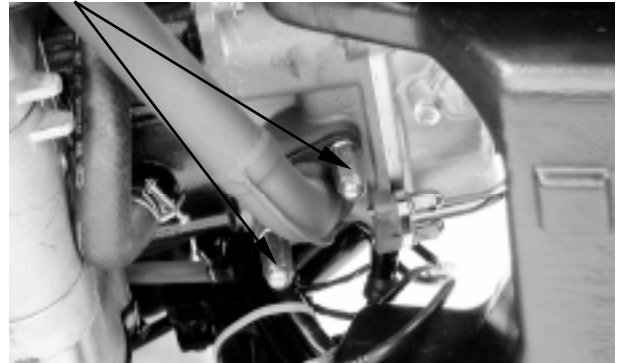
Rear Fender Cover C

Air Clean Case

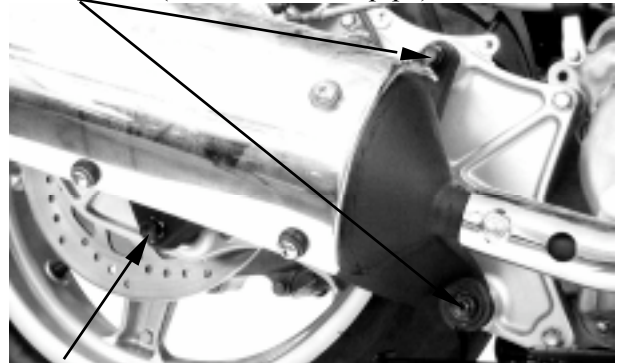


Screws

Joint Lock Nuts



Lock Bolts (next to exhaust pipe)



Lock Bolts

Packing Collar

