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**2. EXHAUST MUFFLER/FRAME COVERS**

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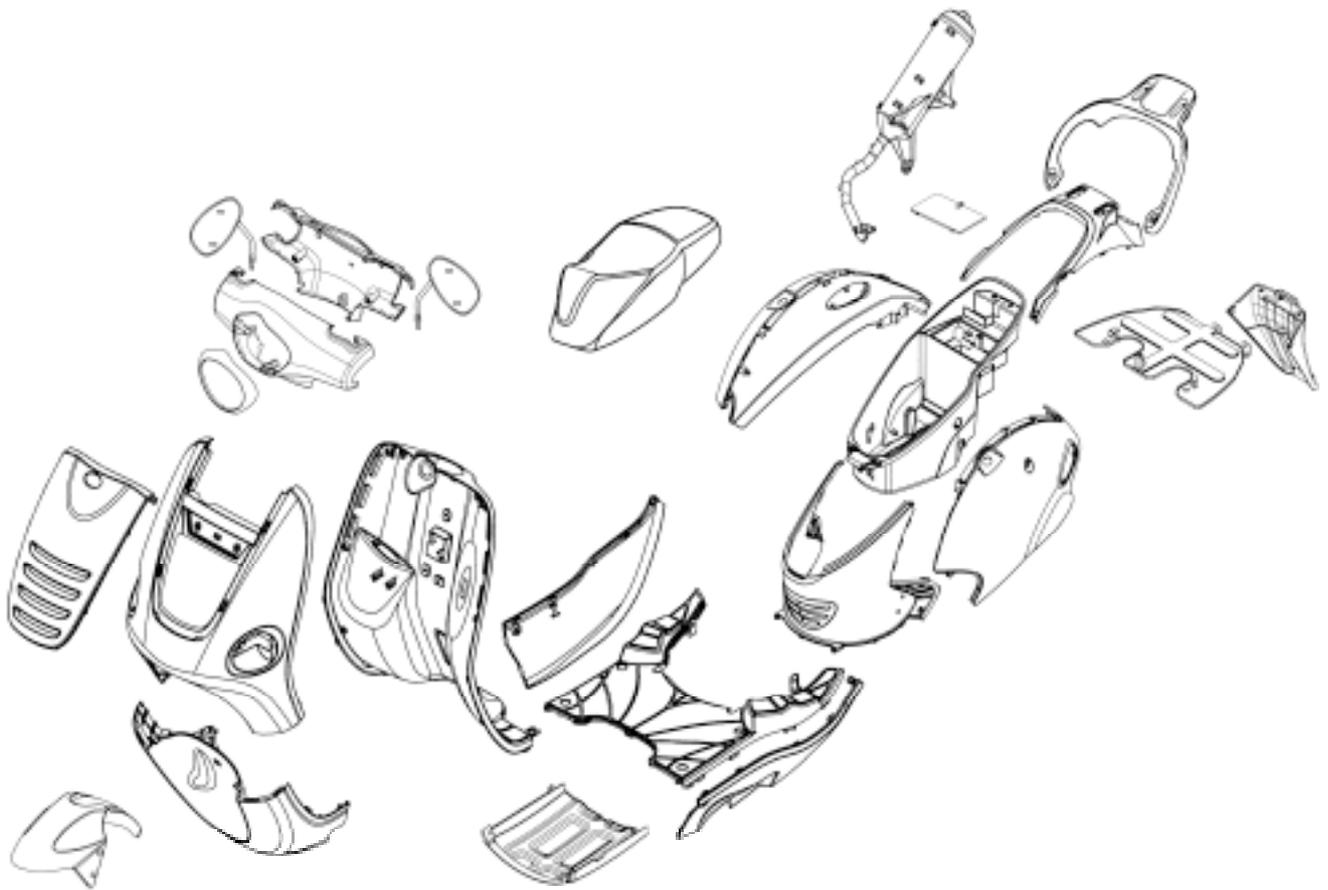
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**EXHAUST MUFFLER/FRAME COVERS**

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SCHEMATIC DRAWING .....	2-1
SERVICE INFORMATION .....	2-2
TROUBLESHOOTING .....	2-2
FRAME COVERS REMOVAL.....	2-3
EXHAUST MUFFLER REMOVAL .....	2-10

**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**

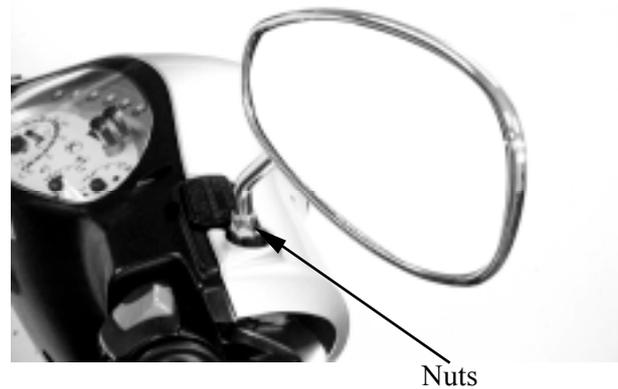
- Caved exhaust muffler
- Clogged exhaust muffler
- Exhaust muffler air leaks

## 2. EXHAUST MUFFLER/FRAME COVERS

### FRAME COVERS REMOVAL

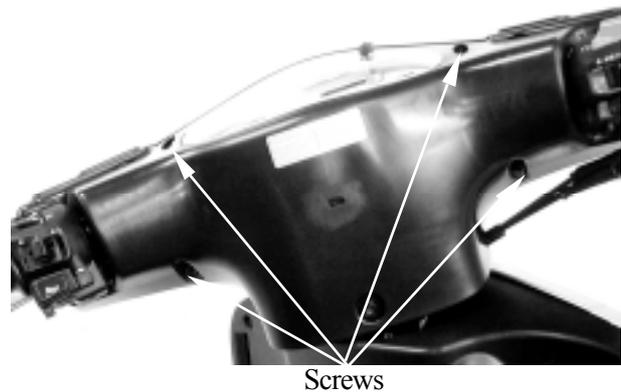
#### RIGHT AND LEFT BACK MIRROR REMOVAL

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



#### HANDLEBAR FRONT COVER REMOVAL

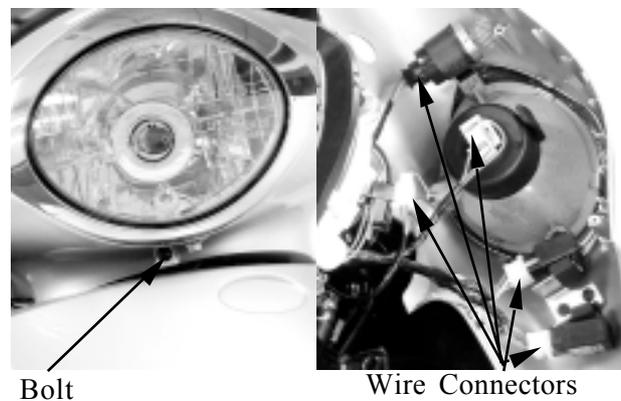
Remove the four screws attaching handlebar rear cover to separate from handlebar rear cover.



Remove one bolt on the handlebar front cover.

Disconnect all of the wire connectors, couplers.

Remove handlebar front cover.

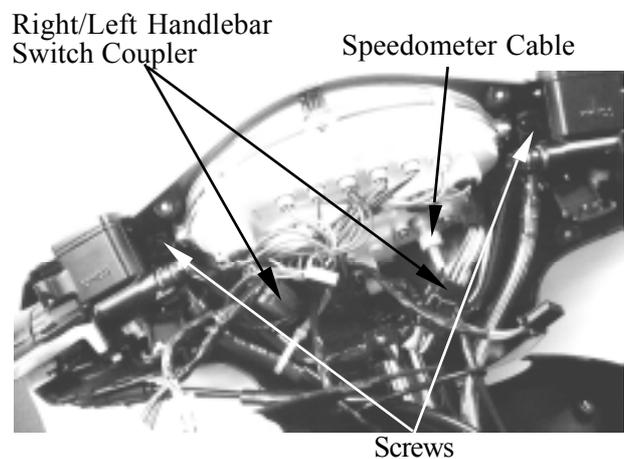


#### HANDLEBAR REAR COVER REMOVAL

Remove handlebar front cover. (⇒2-3)

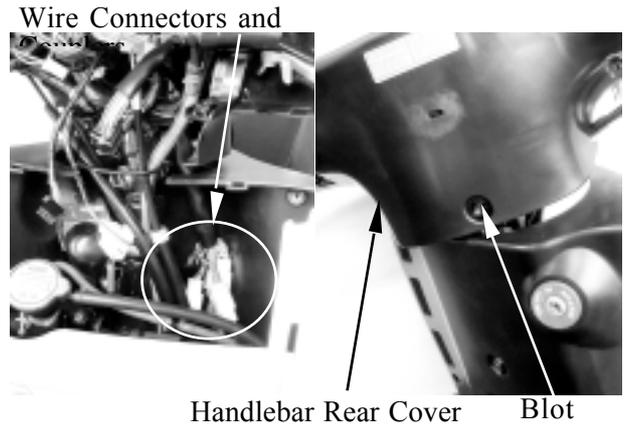
Remove front cover. (⇒2-4)

Remove the two screws attaching handlebar.  
Disconnect right/left handlebar switch couplers.



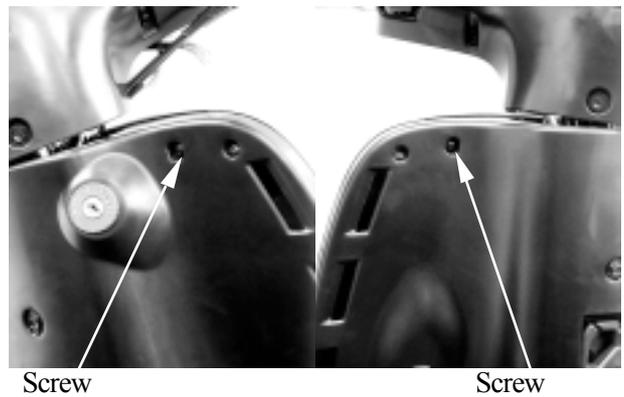
## 2. EXHAUST MUFFLER/FRAME COVERS

Disconnect all of the wire connectors and couplers.  
Remove the bolt on the handlebar rear cover.  
Remove the handlebar rear cover.

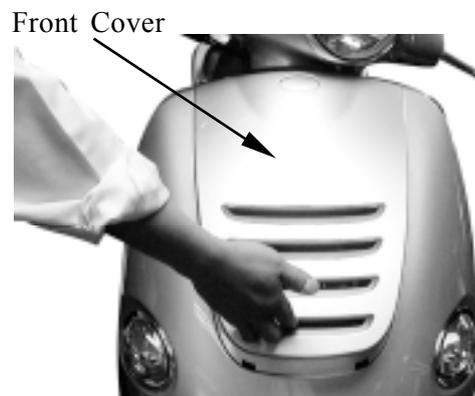


### FRONT COVER REMOVAL

Remove the two screws attaching the leg shield.



Pull the front cover frontward, then remove front cover.



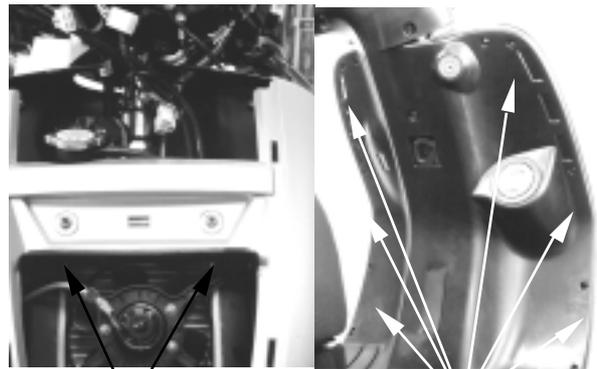
### FRONT BODY COVER REMOVAL

Remove the front cover. (⇒2-4)  
Remove the two screws attaching the front under cover.



## 2. EXHAUST MUFFLER/FRAME COVERS

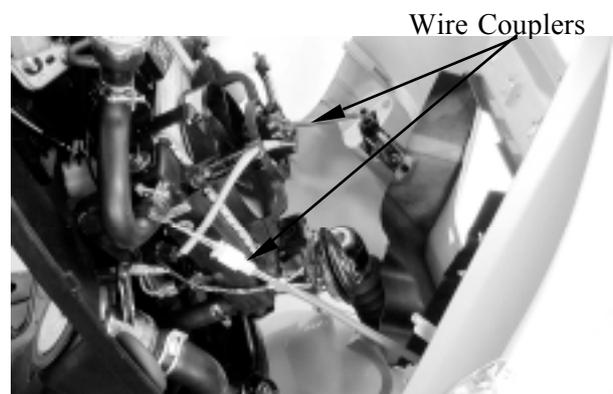
Remove the two nuts on the front body cover and six screws attaching the leg shield. Disconnect the front body cover from leg shield and front under cover.



Nuts

Screws

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



Wire Couplers

### FRONT FENDER REMOVAL

Remove the four screws, then remove front fender.



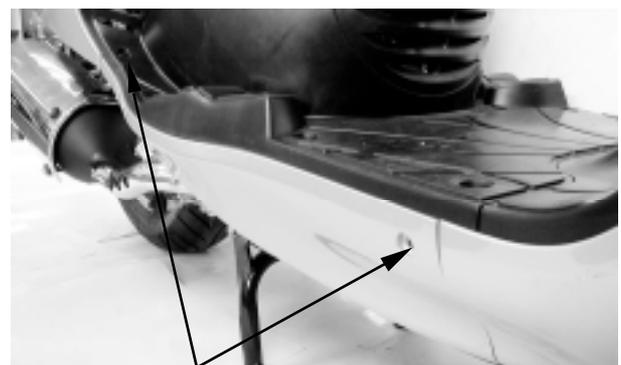
Screws

### 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

## 2. EXHAUST MUFFLER/FRAME COVERS

### FRONT UNDER COVER REMOVAL

Remove front cover, (⇒2-4) front body cover (⇒2-4) and right/left side cover. (⇒2-5)

Remove two screws combine front under cover with leg shield.

Remove two screws combine front under cover with the floor board.

Remove the front under cover.



Screws

Screws

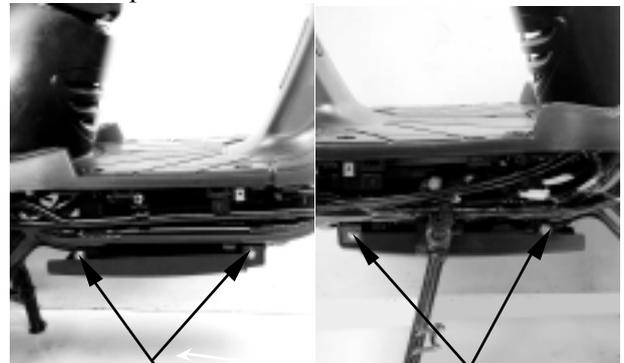
### CENTER UNDER COVER REMOVAL

Remove the right and left side cover (⇒2-5), front cover (⇒2-4), front body cover (⇒2-4) and front under cover. (⇒2-6)

Remove the four bolts on the center under cover.

Remove the center under cover.

Wire Couplers



Bolts

Bolts

### REAR CARRIER REMOVAL

Remove tow rubber caps.

Remove six bolts and remove the rear carrier.



Rubber Caps

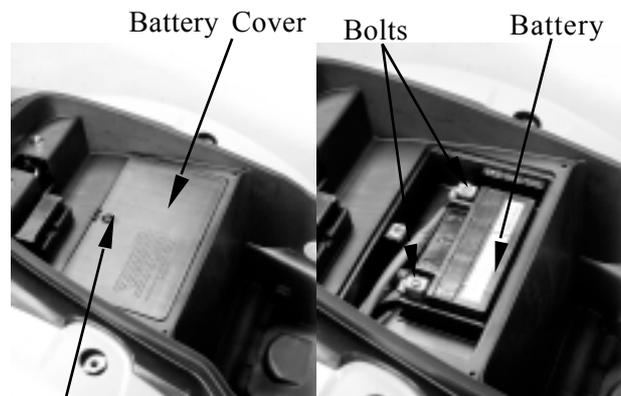
Bolts

### MET-IN BOX REMOVAL

Open the seat with key.

Remove the screw and battery cover.

Remove the twos bolts for disconnect battery (+) and (-) cable.



Screws

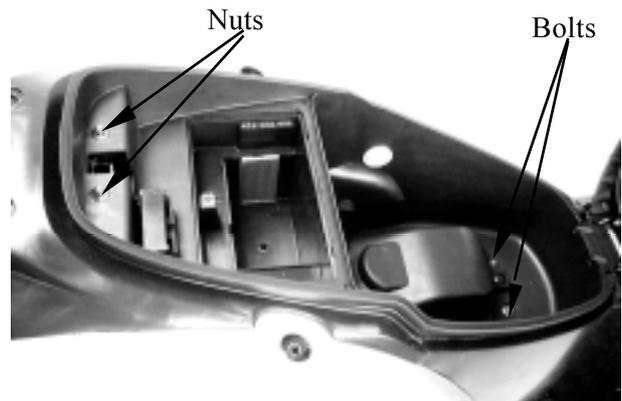
Battery Cover

Bolts

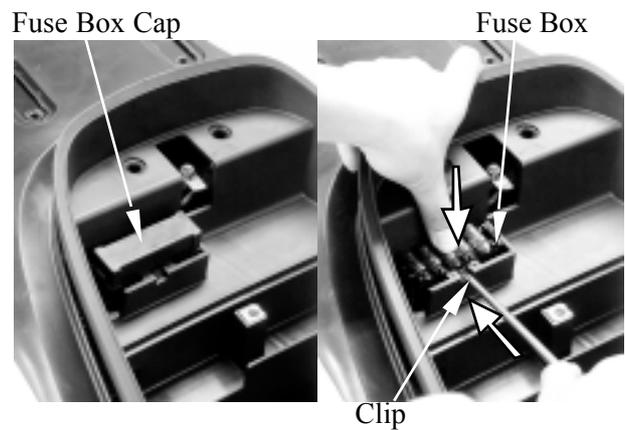
Battery

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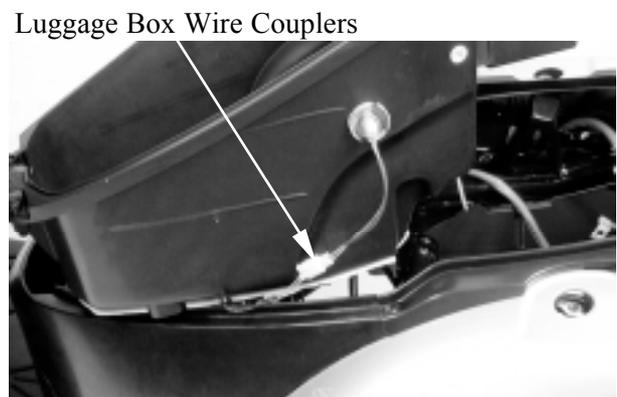
Remove two bolts and two nuts on the met-in box.



Remove fuse box cap.  
Push the clip and depress fuse box.

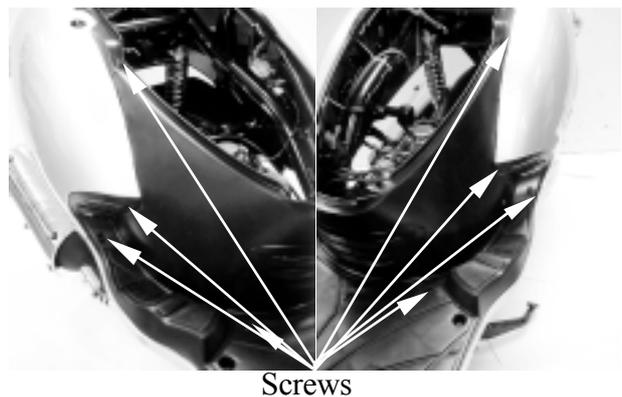


Disconnect luggage box wire couplers.  
Remove met-in box.



### CENTER COVER REMOVAL

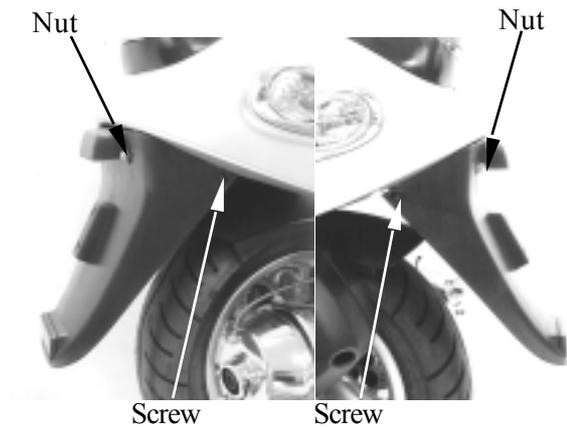
Remove met-in box. (⇒2-6)  
Remove eight screws center cover.  
Remove center cover.



## 2. EXHAUST MUFFLER/FRAME COVERS

### REAR FENDER A REMOVAL

Remove two screws and two nuts on the rear fender A.



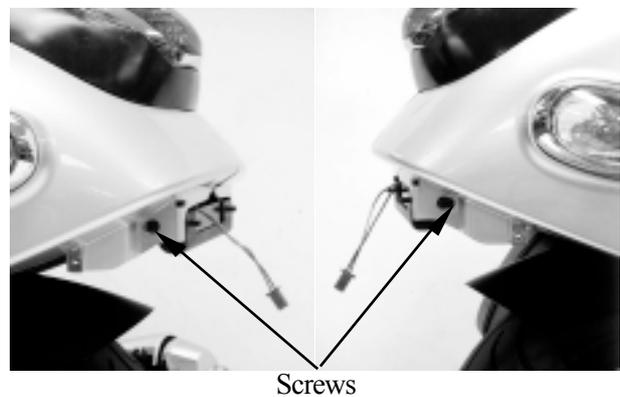
Disconnect the licence light coupler.  
Remove rear fender A.



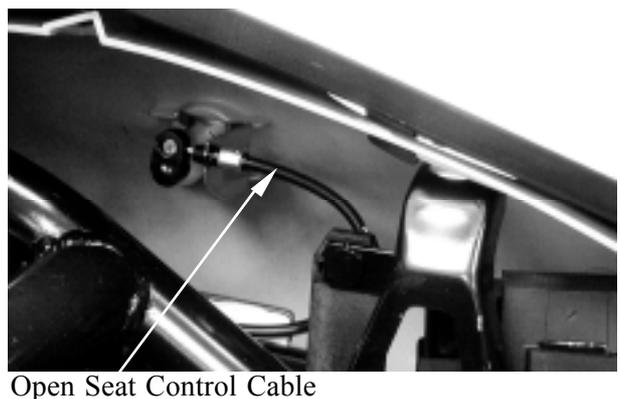
### REAR BODY COVER REMOVAL

Remove rear carrier (⇒2-6), met-in box (⇒2-6), center cover (⇒2-7) and rear fender A. (⇒2-8)

Remove two screws on the rear body cover.



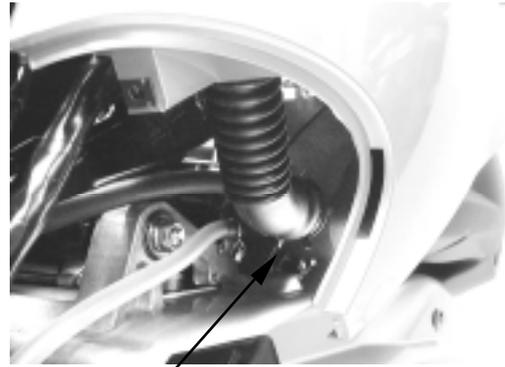
Disconnect the open seat control cable from rear body cover.



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**YUP 250**

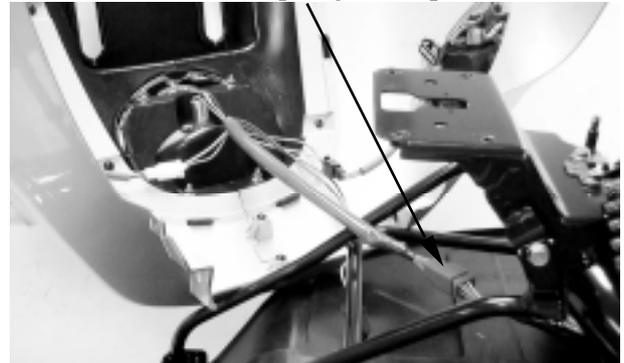
Disconnect air cleaner tube from air cleaner.



Air Cleaner Tube

Disconnect tail/stop light coupler, then remove rear body cover.

Tail/Stop Light Coupler

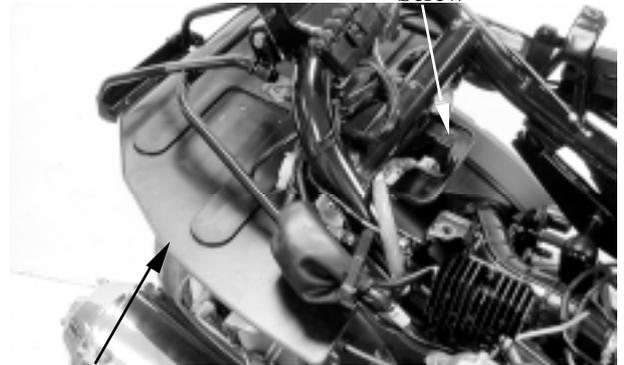


### REAR FENDER B REMOVAL

Remove rear carrier (⇒2-6), met-in box (⇒2-6), center cover (⇒2-7), rear fender A. (⇒2-8) and rear body cover. (⇒2-8)

Remove the screw, then remove rear fender B.

Screw

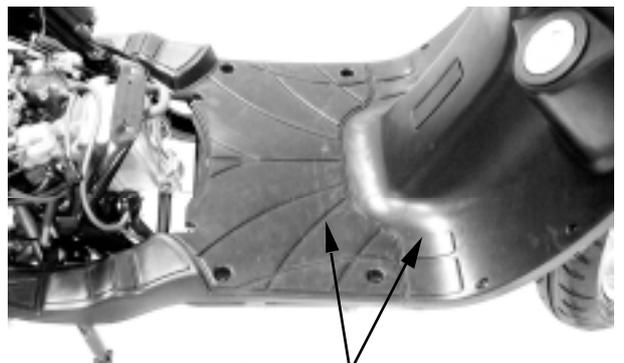


Rear Fender Cover B

### FOOT BOARD REMOVAL

Remove front cover (⇒2-4), front body cover (⇒2-4), right/left side cover (⇒2-5), front under cover (⇒2-6), met-in box (⇒2-6) and center cover (⇒2-7).

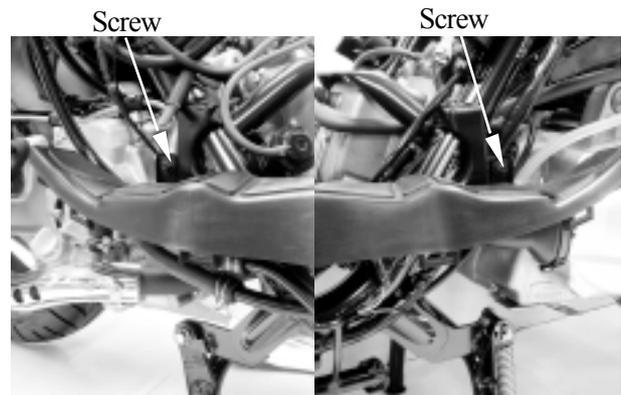
Remove four bolts on the foot board.



Bolts

## 2. EXHAUST MUFFLER/FRAME COVERS

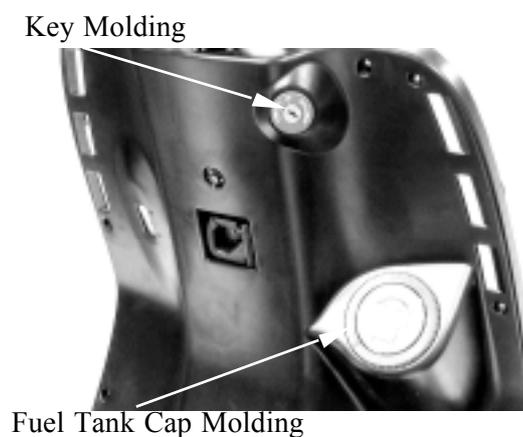
Remove two screws on the foot board, then remove foot board.



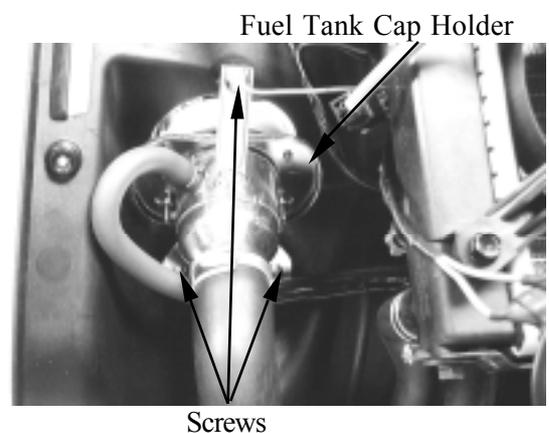
### LEG SHIELD REMOVAL

Remove front cover (⇒2-4), front body cover (⇒2-4), front under cover (⇒2-6), right/left side cover (⇒2-5), center cover (⇒2-7) and foot board. (⇒2-6)

Remove the key and fuel tank cap molding.



Remove three screws on the fuel tank cap holder, then remove leg shield.

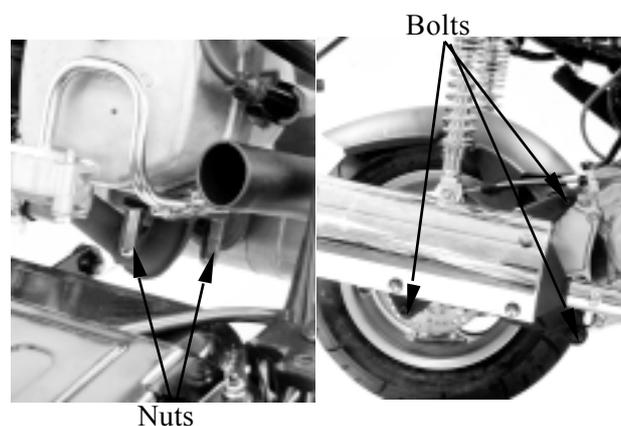


### EXHAUST MUFFLER REMOVAL

Remove the two exhaust muffler joint lock nuts.

Remove the three exhaust muffler lock bolts, then remove the exhaust muffler.

Remove the exhaust muffler joint packing collar.



## 2. EXHAUST MUFFLER/FRAME COVERS

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

**Torques:**

Exhaust muffler lock bolt: 32\_ 38N-m

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

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

