

Wrench, 10mm  
Hex Key Wrench, 5mm  
Hex Key Wrench, 4mm  
Hex Key Wrench, 3mm

#### **PARTS LIST**

<u>Index</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	37-370812-000	Relocation Bracket	1

**NOTE:** Right and Left side of Motorcycle is determined while sitting on the bike.

#### **PREPARATION**

1. Position the motorcycle securely on its side stand or a work stand.
2. Remove the seat.
3. Remove the right cover that is below the seat. (Hex Key Wrench, 3mm)
4. Remove the screws that hold the straps around the Evaporative Emissions Canister, retain the screws and straps. (Hex Key Wrench, 5mm) Do not disconnect the hoses. See figure 1.
5. Remove the original Evaporative Emissions Canister mounting bracket (plastic) from its steel brackets. (Hex Key Wrench, 5mm and Wrench, 10mm) Retain the fasteners. See figure 2.

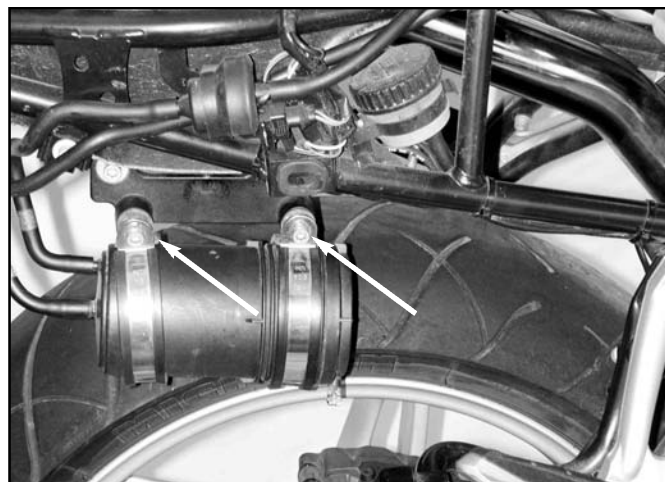


Figure 1



Figure 2

6. Remove the rear steel bracket, (Hex Key Wrench, 4mm). Return the screw to its original location and tighten to 4Nm (2.9 ft. lbs.) Figure 3.

Remove the front steel bracket, (Hex Key Wrench, 5mm and Wrench, 10mm). Retain the fastener. Figure 3.

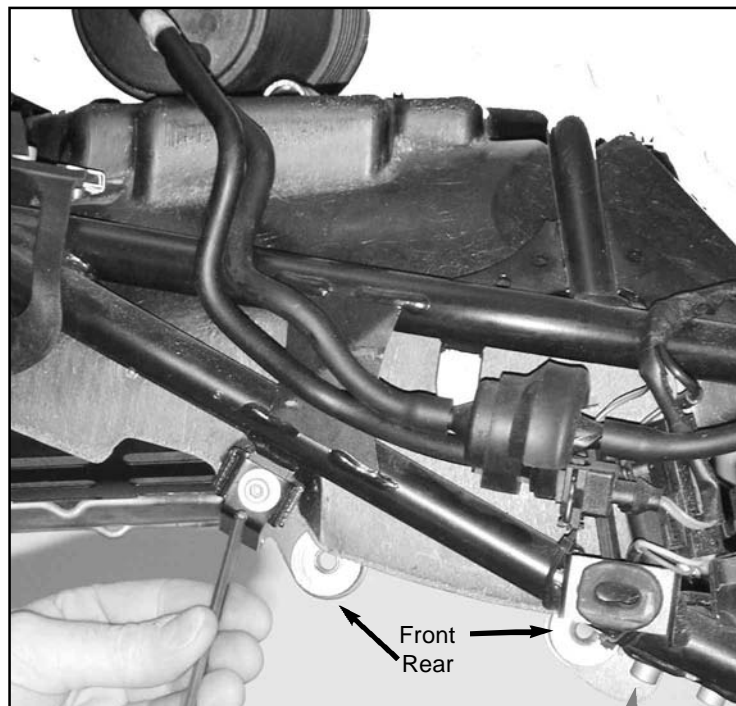


Figure 3



7. Remove the nut from the screw on the right side, front, of the inner fender panel, (Hex Key Wrench, 5mm and Wrench, 10mm). Leave the screw in place.

See figure 4.



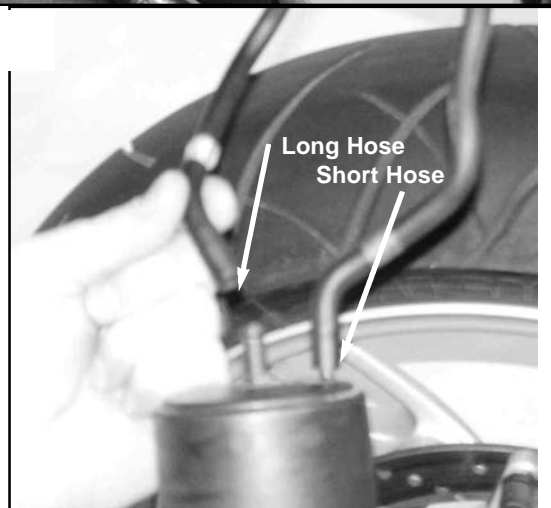
Figure 4

## INSTALLATION

1. Pull the center hose from the Canister and from its junction at the upper sub-frame rail. **This is the "long" hose.** See figure 5.



Figure 5



2. Pull the upper hose from the Canister and from the valve body just above the original location of the Canister. **This is the "short" hose.** See figure 6.



Figure 6

3. Using the straps in the same manner as originally used, attach the Relocation Bracket to the Evaporative Emissions Canister. The Canister outlet tube will face forward on the motorcycle and the threaded tab on the Relocation Bracket will be away from the Canister pointing toward the right side of the motorcycle. Attach the straps to the Canister using the short screws and two nuts from the disassembly. See figure 7.

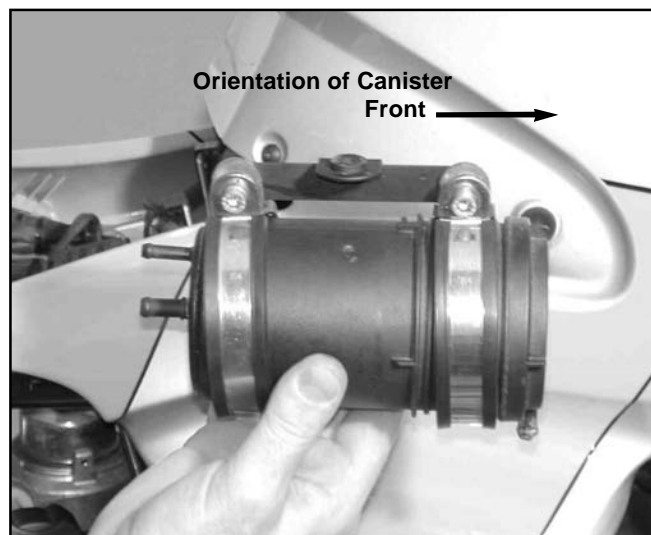


Figure 7

4. Position the Canister, with bracket, inside the sub-frame so the screw from **PREPARATION STEP 8** screws into the threaded tab on the Relocation Bracket. Tighten to 7Nm (5.1 ft. lbs.) See figure 8.

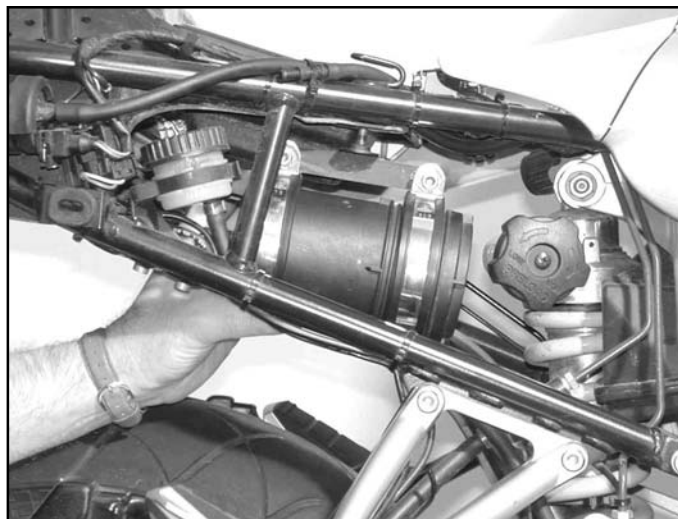


Figure 8

5. Using the "short" hose from **INSTALLATION STEP 2**, plug one end onto the junction at the upper sub-frame rail and route it through the frame. Plug the other end onto the center fitting on the Canister. See figure 9.

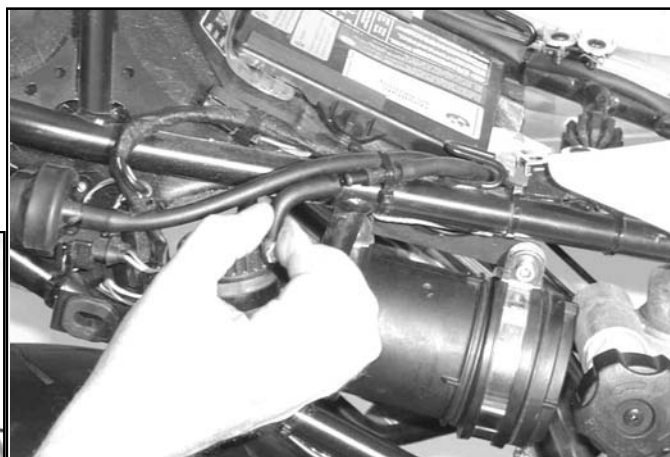


Figure 9

6. Using the "long" hose from **INSTALLATION STEP 1**, plug one end onto the valve body referenced in **INSTALLATION STEP 2**, and the other end onto the upper fitting on the Canister. See figure 10, 11.

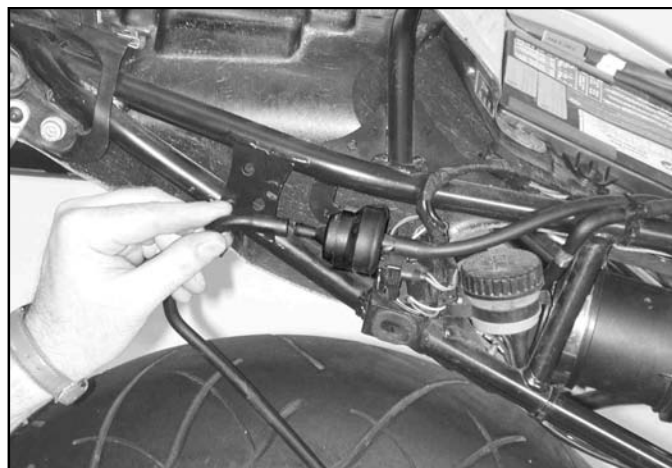


Figure 10

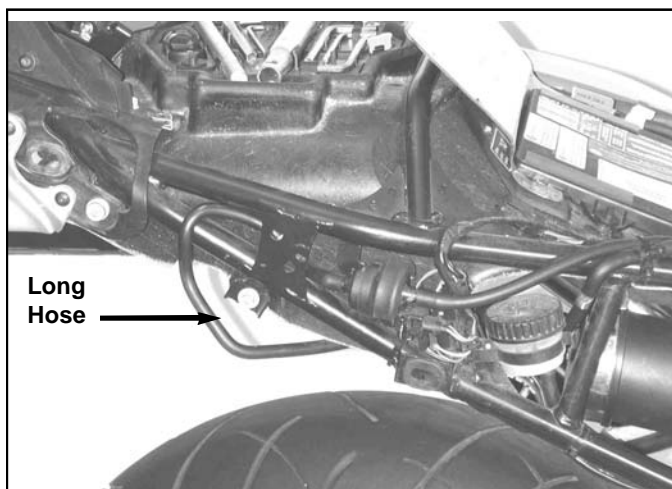


Figure 11

7. Adjust the Canister in the straps so the outlet tube points downward. Tighten the strap screws and nuts to 7Nm (5.1 ft. lbs.) See figure 12.

8. Reinstall the right cover and seat.

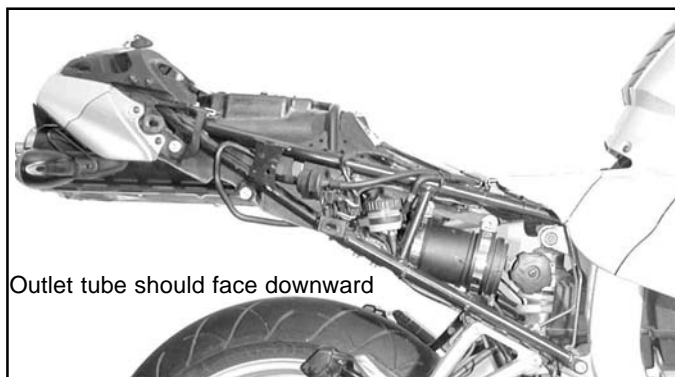


Figure 12