

FuelBot Installation

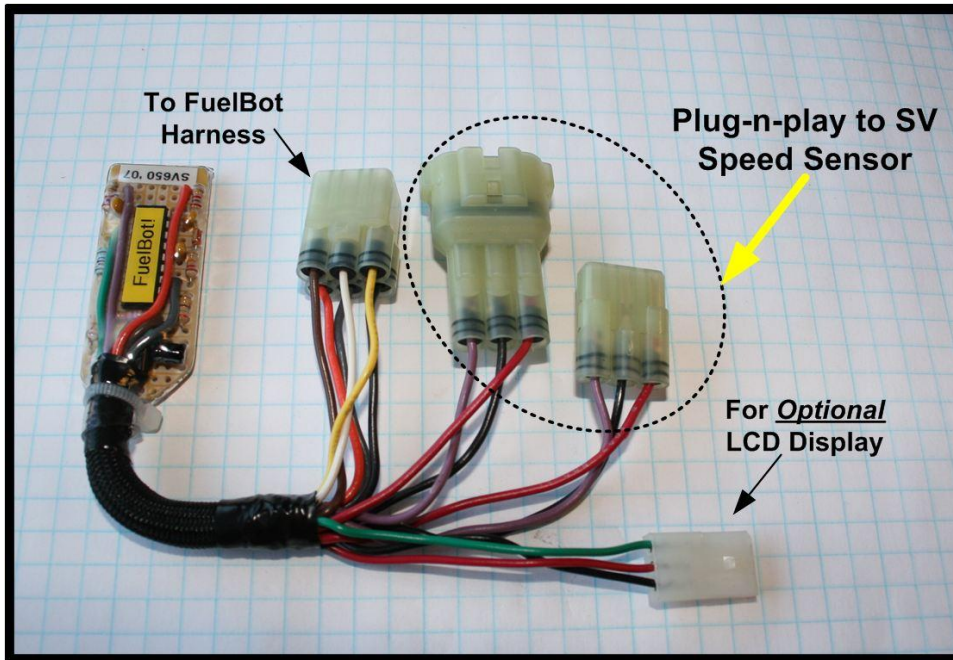
Step1: Plug the FuelBot into the SV Speed Sensor connector

- The SV Speed Sensor connector has three wires:
(Pink, Orange/Green, Black/White).

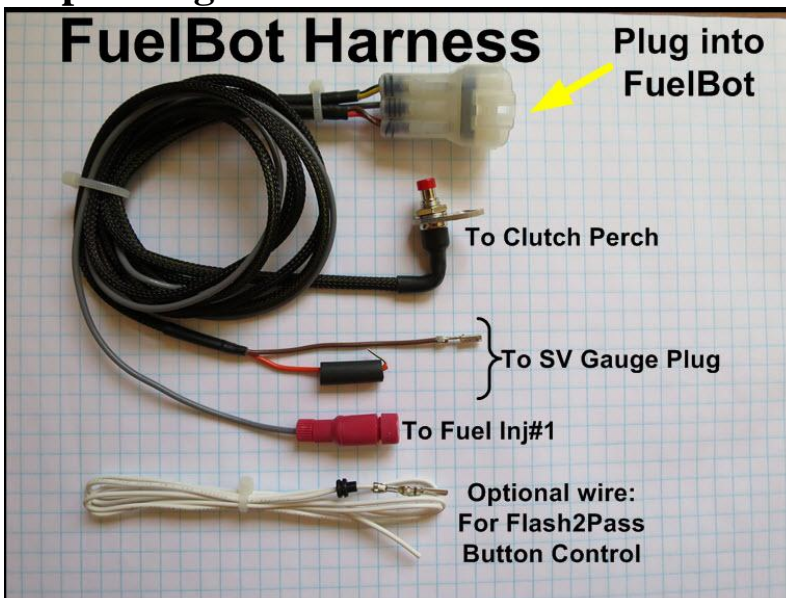
On SV650 Naked: Plug is inside the headlight shell.

On SV650 Sport: Plug is between the gauge and upper fairing.

On SV1000: Plug is under the air box at left side of frame.

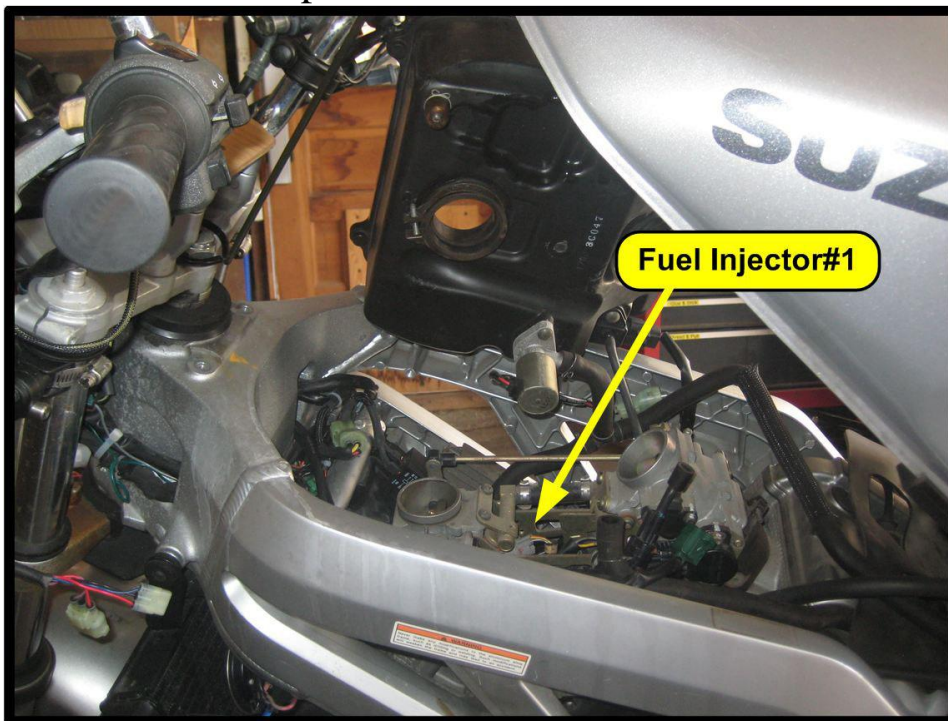


Step2: Plug FuelBot Harness Connector into FuelBot

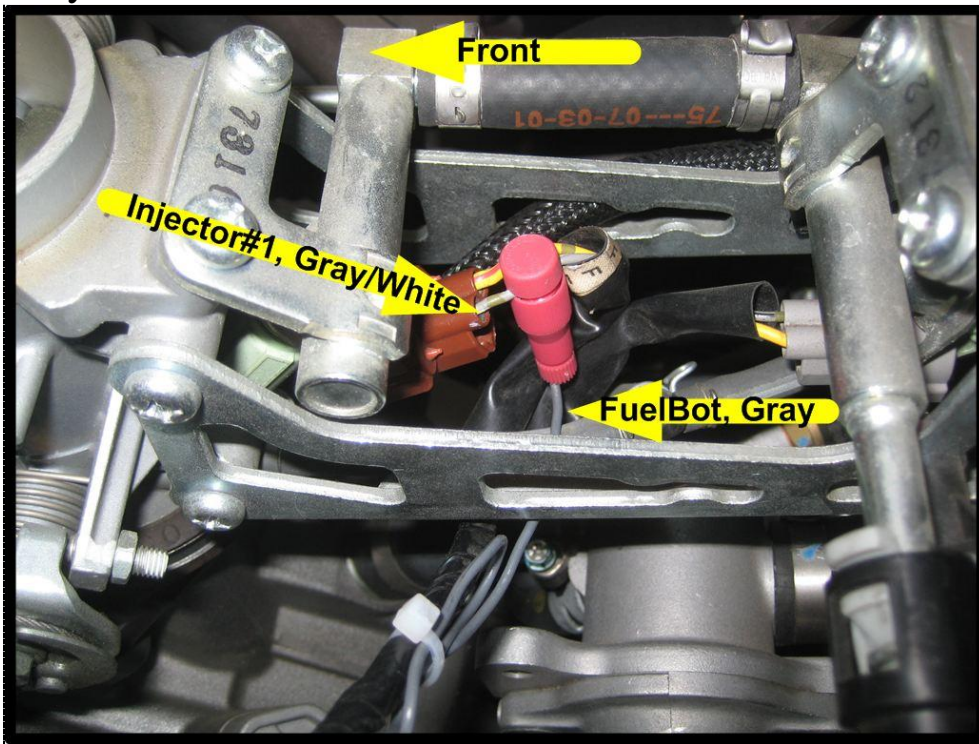


Step3: Connect FuelBot Harness Gray wire to SV Gray/White wire on fuel injector#1

- Remove SV side panels, remove seat, lift fuel tank, lift airbox

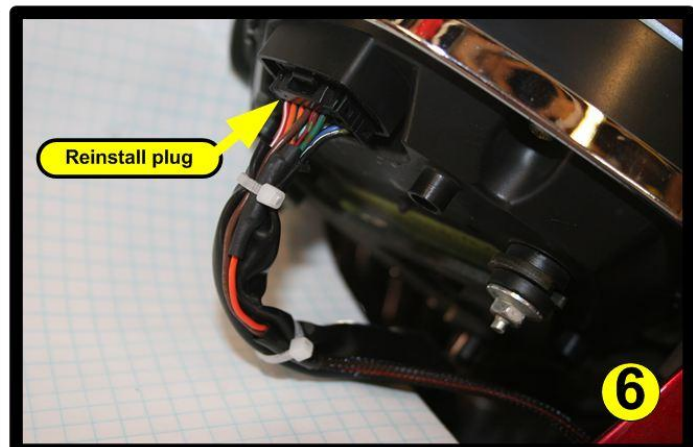
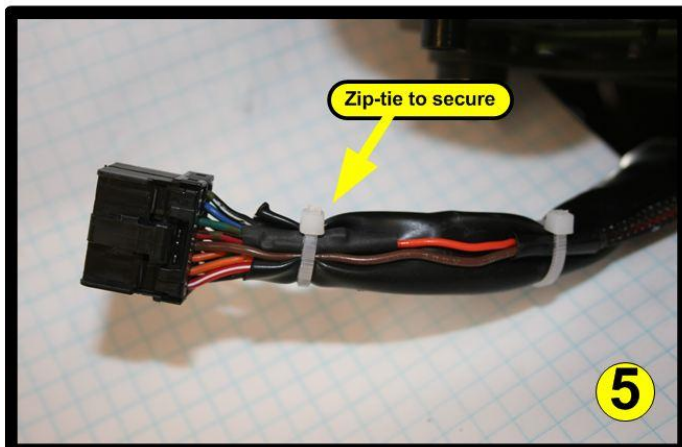
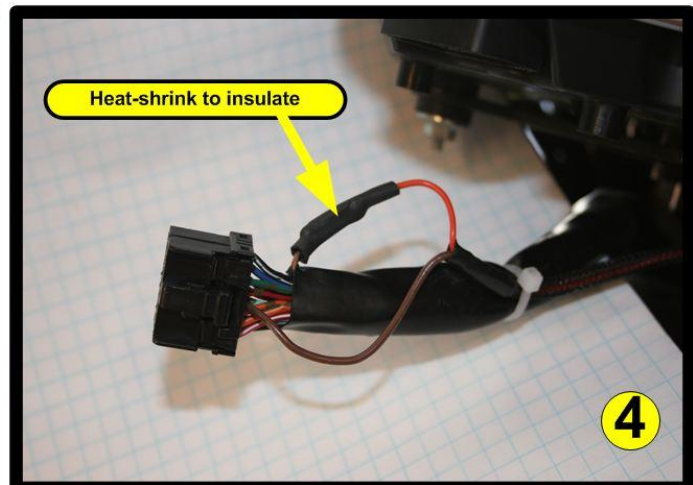
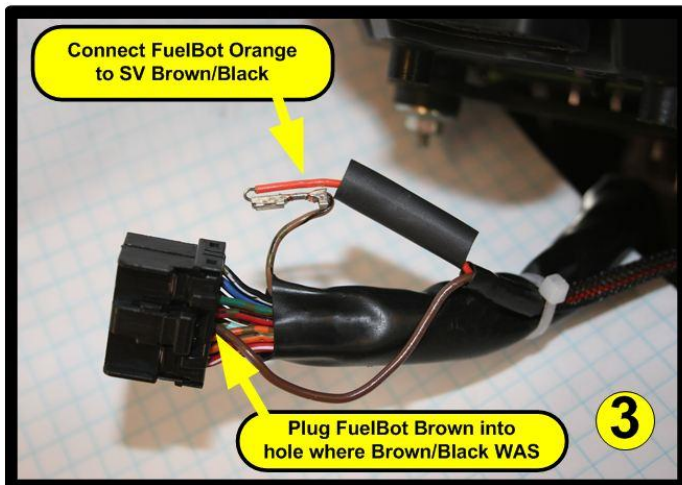
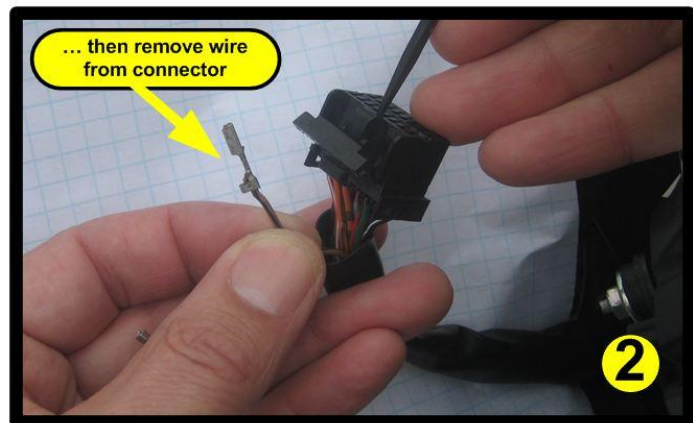
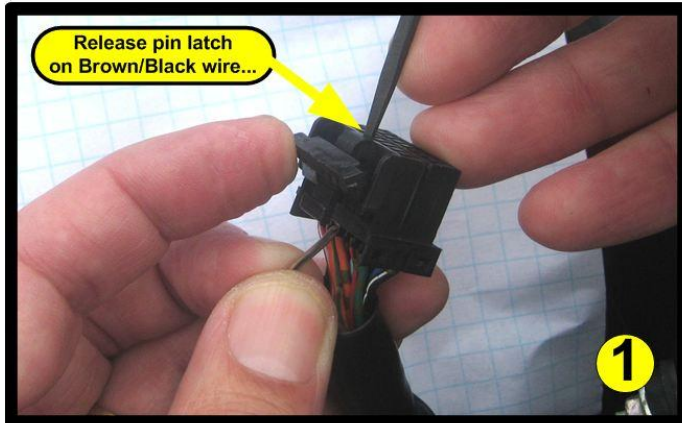


- Locate SV Gray/White wire on Fuel Injector#1, see photo below
- Use the supplied PosiTap to connect FuelBot Gray wire to SV injector Gray/White.



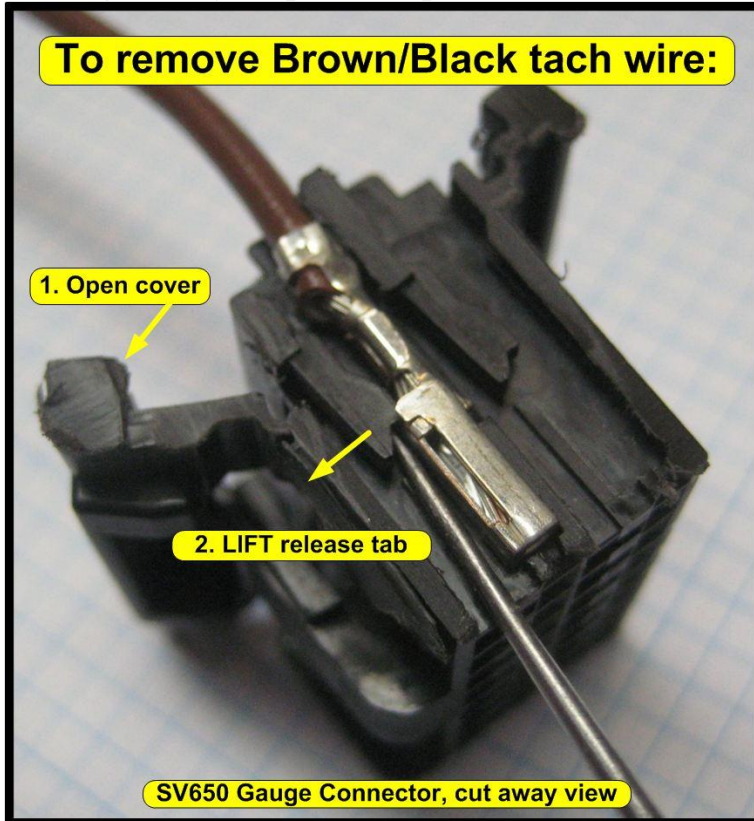
Step4: Connect FuelBot Harness tachometer wires to SV Gauge Plug

- Access the SV gauge and remove the 16-pin plug at the back. Push on the plug release clip with thumb, then gently wiggle plug back and forth until free.
- Using the supplied safety pin, lift up the release tab that holds the SV Brown/Black wire pin. Pin removal requires a light touch and a bit of patience. Force is not necessary. when the release tab is lifted, the pin will slip out.
- The plug cutaway view on the next page will help to visualize the release tab inside the connector. If you still have trouble, see this YouTube video showing how to remove the pin. <http://www.youtube.com/watch?v=7vG6vOFTz28>



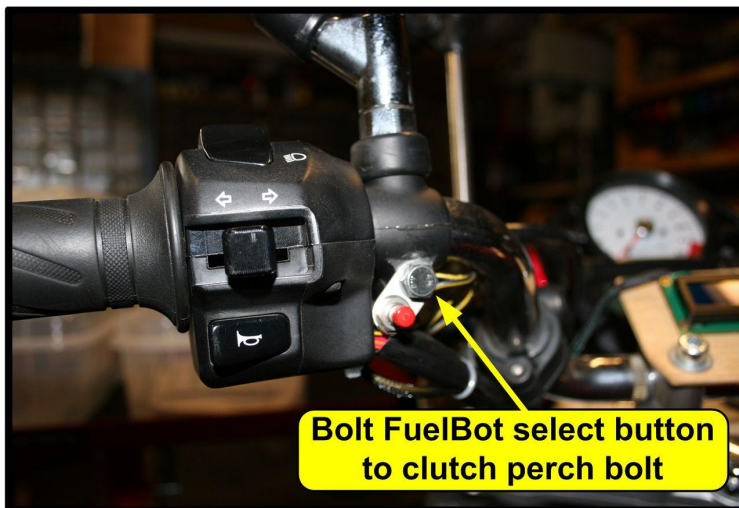
SV Gauge Plug Cutaway

- This **cutaway view** shows the *inside* of the gauge plug to help visualize the release tab. To remove the tach pin, lift the internal release tab, then pull the wire out. To prevent binding, it may help to first push *in* on the wire before attempting to lift the release tab.



Step5: Mount FuelBot Select button to clutch perch pinch bolt.

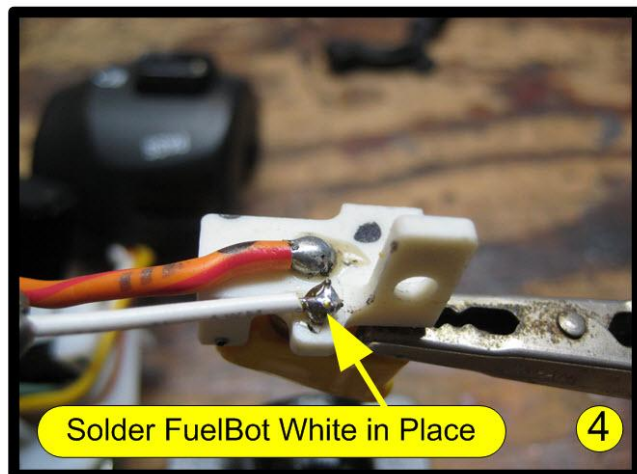
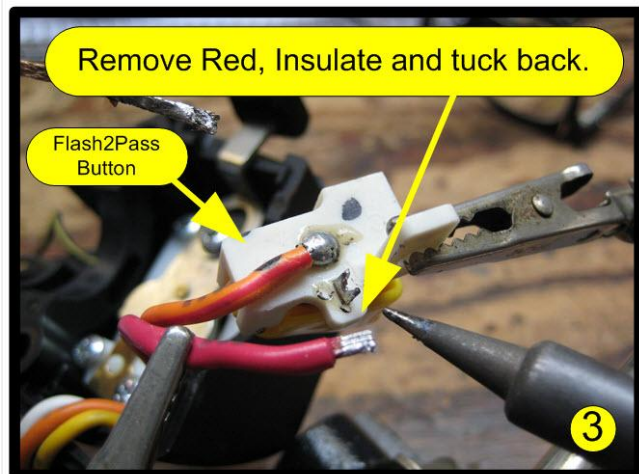
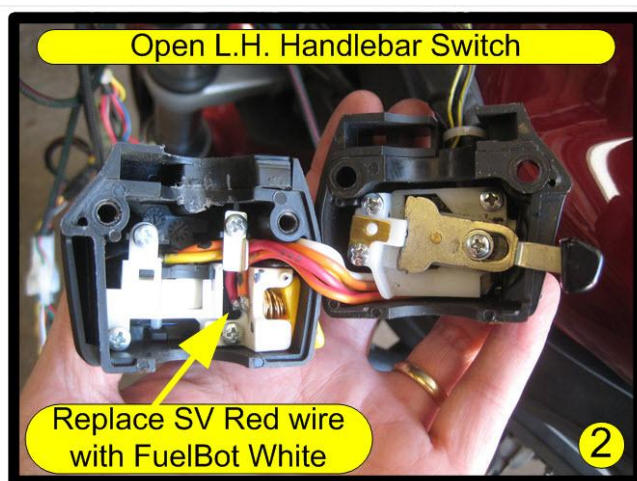
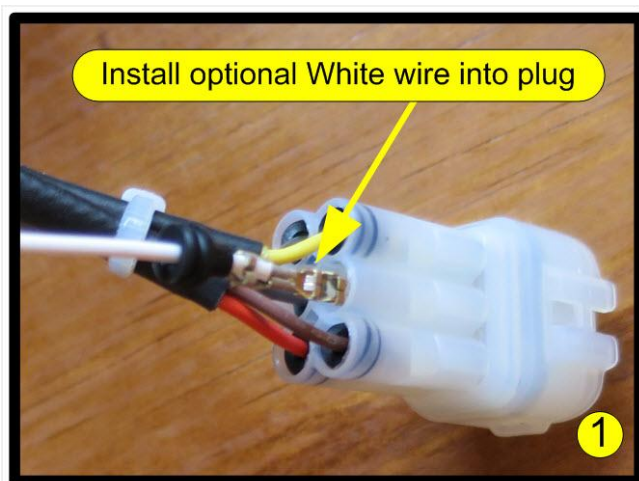
- Remove clutch perch bolt, insert bolt through button mount, reinstall.



Only do Step6 if you want to use the SV Flash2Pass button to control the FuelBot.

Step6: Optional: Connect White wire to Convert the SV Flash2Pass Button into FuelBot select. Flash2Pass will no longer control the high beam.

- If you choose this option, the SV F2P button will control the FuelBot instead of the SV high beam; clutch perch button is not required.
- This option requires unsoldering the SV Red wire from the Flash2Pass button, and soldering FuelBot White wire in place. If unfamiliar with soldering, please have a qualified technician perform this modification.

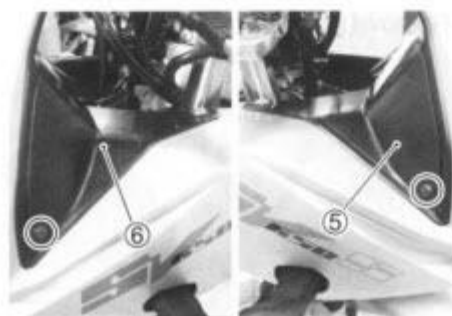
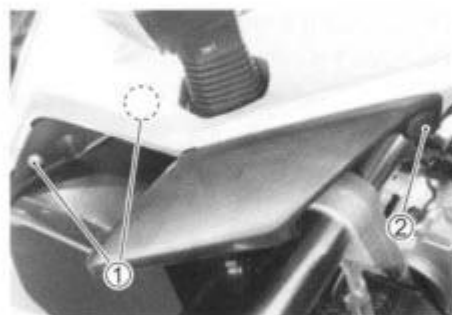


Fairing Removal for SV650 Sport model

7-6 CHASSIS

COWLING AND COWLING BRACE (SV650S)

- Remove the rear view mirrors.
- Remove the cowl inner cover by removing the screws ① and clips ②.
- Remove the wind screen by removing screws ③, ④.
- Remove the meter panel lids, right ⑤ and left ⑥.



- Remove the body cowling.
- Disconnect the head light/turn light coupler.

NOTE:

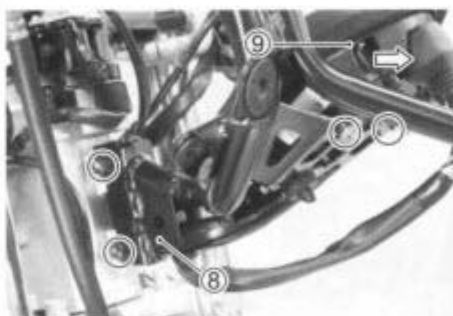
" \star " indicates hook location.



- Remove the meter panel ⑦.



- Remove the cowling brace ⑧.
- Disconnect the combination meter couplers.
- Remove the combination meter ⑨. (☞ 8-29)

**REASSEMBLY**

Reassemble the exterior parts in reverse order of removal.