

## 2010-2011 Tribute 3.0L Fuel Delivery Module Leak – Recall Campaign

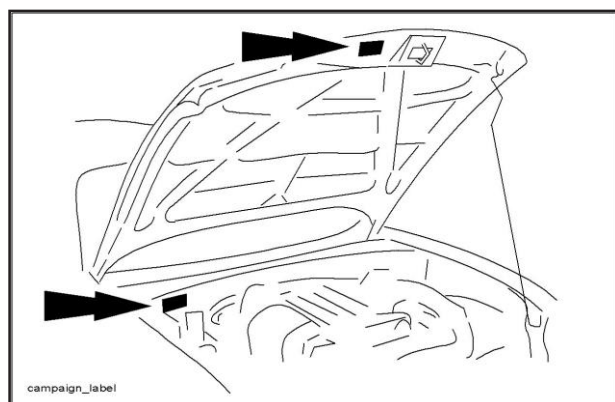
### A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within one of the following year ranges:

| Model   | Year      | Engine  | VIN Range                                                    | Build Date Range                           |
|---------|-----------|---------|--------------------------------------------------------------|--------------------------------------------|
| Tribute | 2010-2011 | 3.0L V6 | 4F2CY*GG* AK M00002 – M09942<br>4F2CY*GG* BK M00001 – M07568 | From March 3, 2009<br>through May 27, 2011 |

- If the vehicle is within one of the above year ranges, proceed to step 2.
  - If the vehicle is not within one of the above year ranges, return the vehicle to the customer or inventory.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for a Campaign Label 0416J attached to the vehicle's hood or bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

**NOTE:** Verify Recall number as the vehicle may have multiple Recalls.



| CAMPAIGN LABEL      |              |
|---------------------|--------------|
| CAMPAIGN NO:        | _____        |
| DEALER CODE:        | _____        |
| DATE:               | __ / __ / __ |
| P/N 9999-95-065A-06 |              |
| 1326b               |              |

### eMDCS System - Warranty Vehicle Inquiry Results

| If eMDCS displays:     | Campaign Label is: | Action to perform:                                                              |
|------------------------|--------------------|---------------------------------------------------------------------------------|
| 0416J OPEN             | Present            | Contact the Warranty Hotline at (877) 727-6626 to update vehicle history.       |
|                        | Not Present        | Proceed to "B. REPAIR PROCEDURE".                                               |
| 0416J CLOSED           | Present            | Return vehicle to inventory or customer.                                        |
|                        | Not Present        | Proceed to "C. CAMPAIGN LABEL INSTALLATION".                                    |
| 0416J is not displayed | Does not apply     | Recall does not apply to this vehicle. Return vehicle to inventory or customer. |

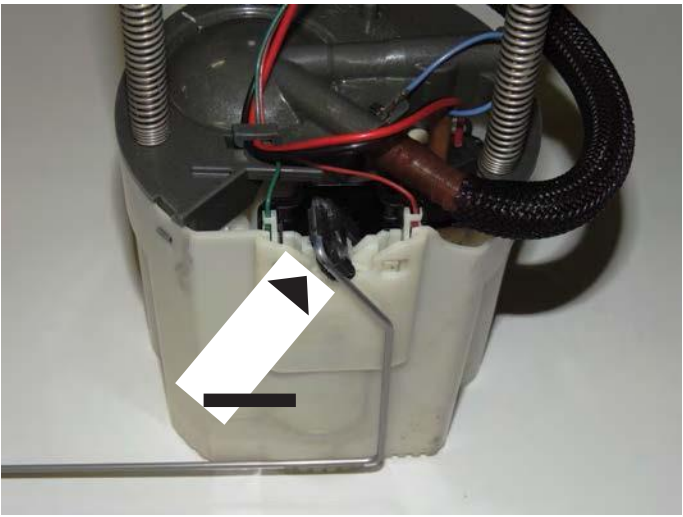
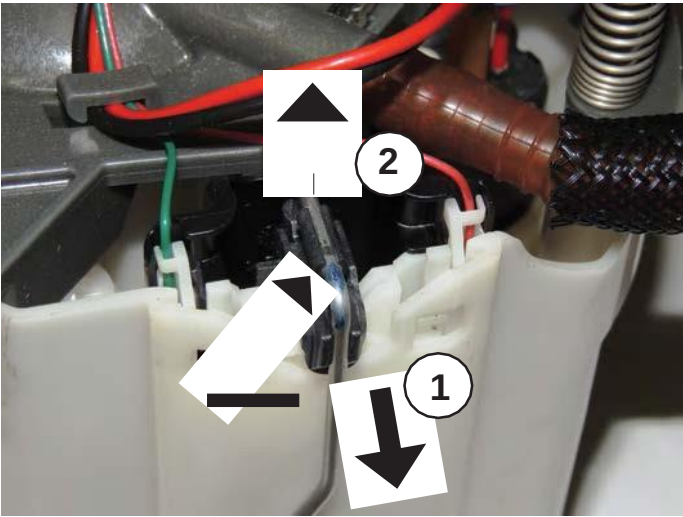
Recommended Tool List

| Description                                          | Part Number                                 |
|------------------------------------------------------|---------------------------------------------|
| 1/4" Drive Ratchet                                   | Commercially available                      |
| 1/4" Drive 10mm Shallow Socket                       |                                             |
| 1/4" Drive Torque Wrench                             |                                             |
| 1/2" Drive Breaker Bar                               |                                             |
| Long Needle Nose Pliers                              |                                             |
| OLFA® Heavy Duty Adjustable Knife (Or Equivalent)    |                                             |
| Hex Key                                              |                                             |
| Oetiker® Clamp Pliers HIP 2000 / 387 (Or Equivalent) |                                             |
| Fuel Storage Tanker                                  | 310-123<br>MRT / Fuel Tank Lock Ring Wrench |
| Fuel Tank Wrench                                     |                                             |

**NOTE:** It is crucial when performing this repair that the correct tools and procedures are used. If the Oetiker® clamp is not properly clamped, a long crank or hard start condition will occur due to fuel pressure leak down.

B. REPAIR PROCEDURE

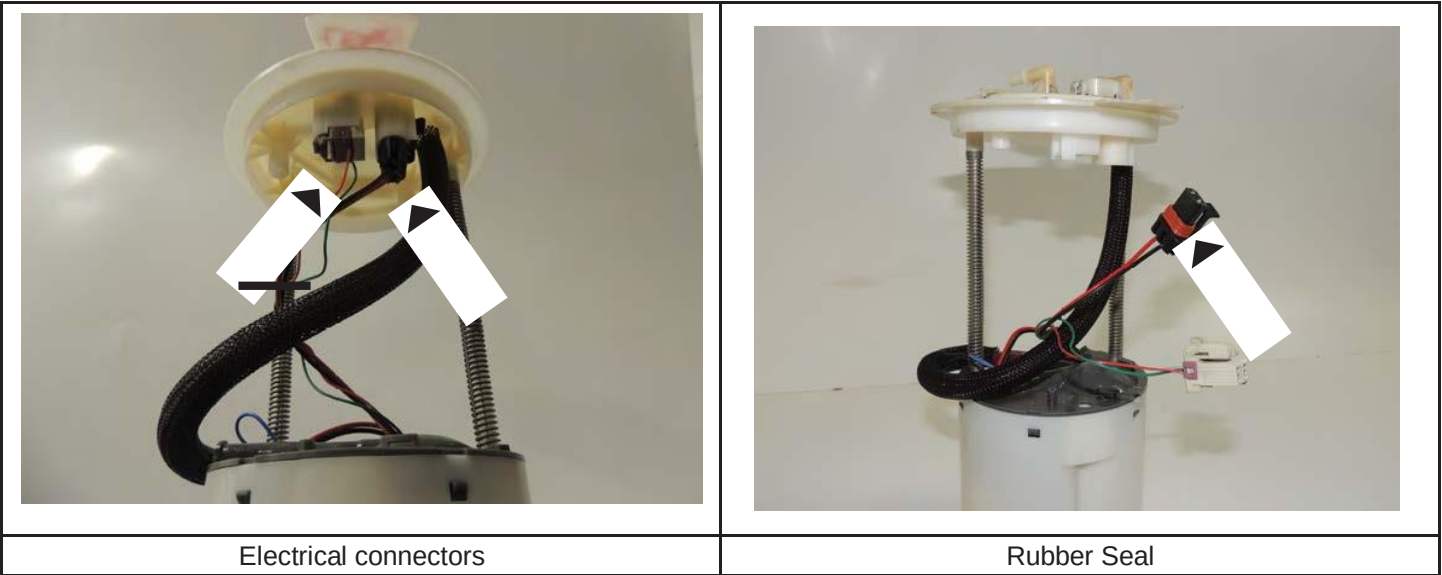
- 1. Remove the Fuel Delivery Module (FDM) from the vehicle. Refer to MGSS online FUEL PUMP MODULE REMOVAL/ INSTALLATION.
- 2. Disconnect the float arm from the fuel level sensor.

|                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |
| Fuel Level Sensor Float Arm                                                         | Pull out (1) then up (2) to release arm from clip                                    |

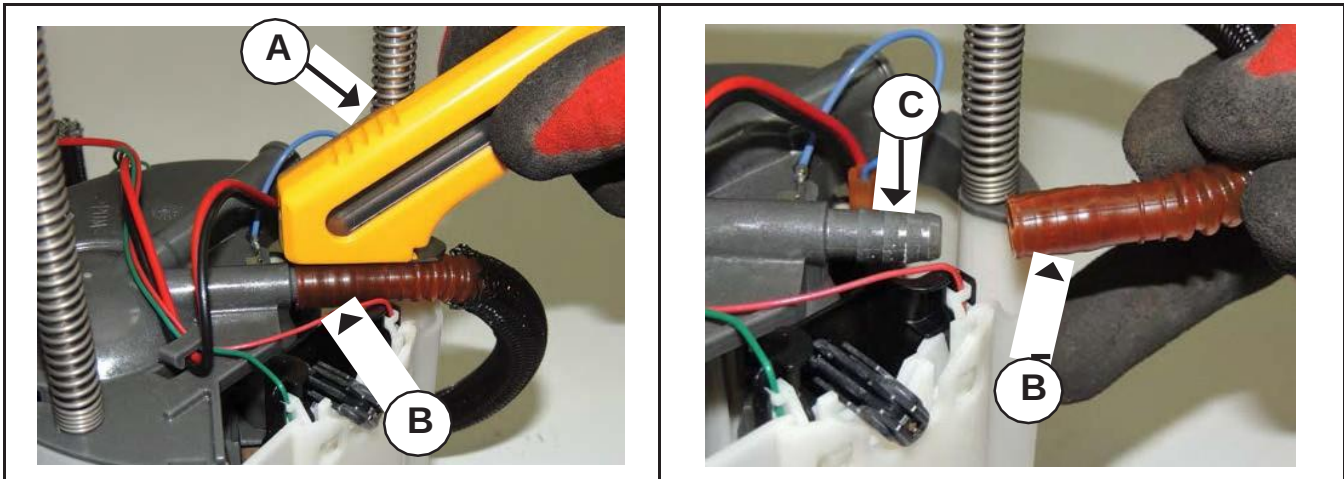
Note:

- Do not pull on the wires when disconnecting the electrical connectors.
- Be sure the rubber seal stays with the black connector during removal and installation.

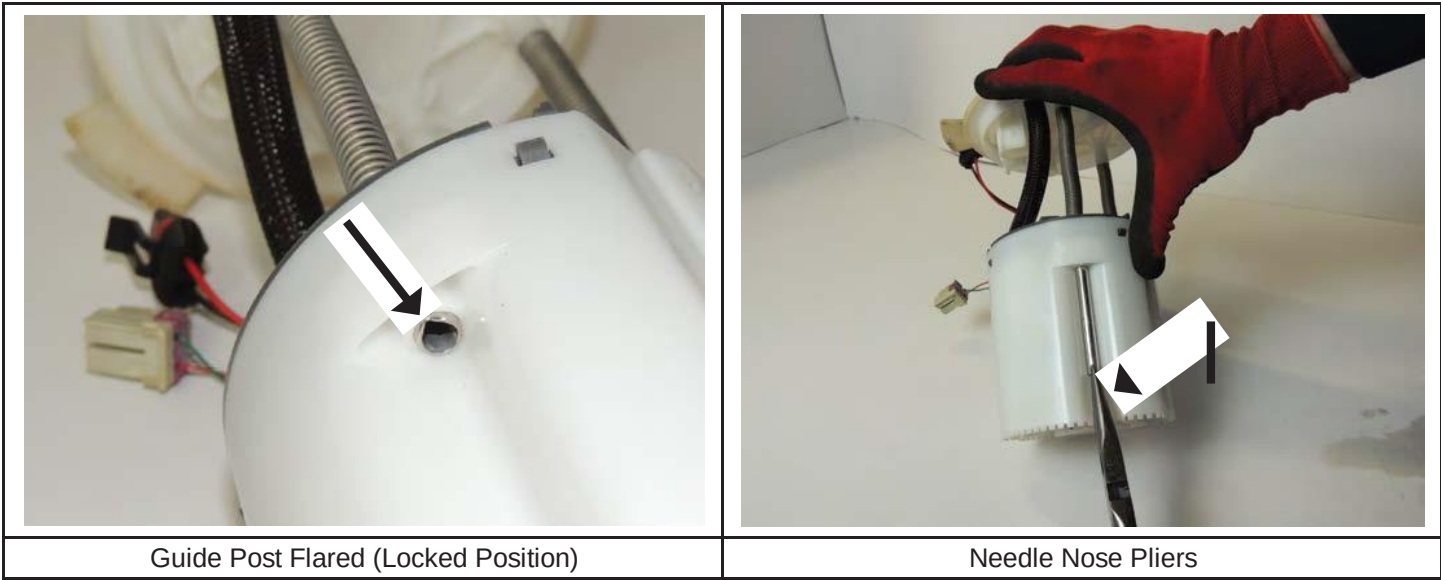
3. Disconnect the FDM electrical connectors.



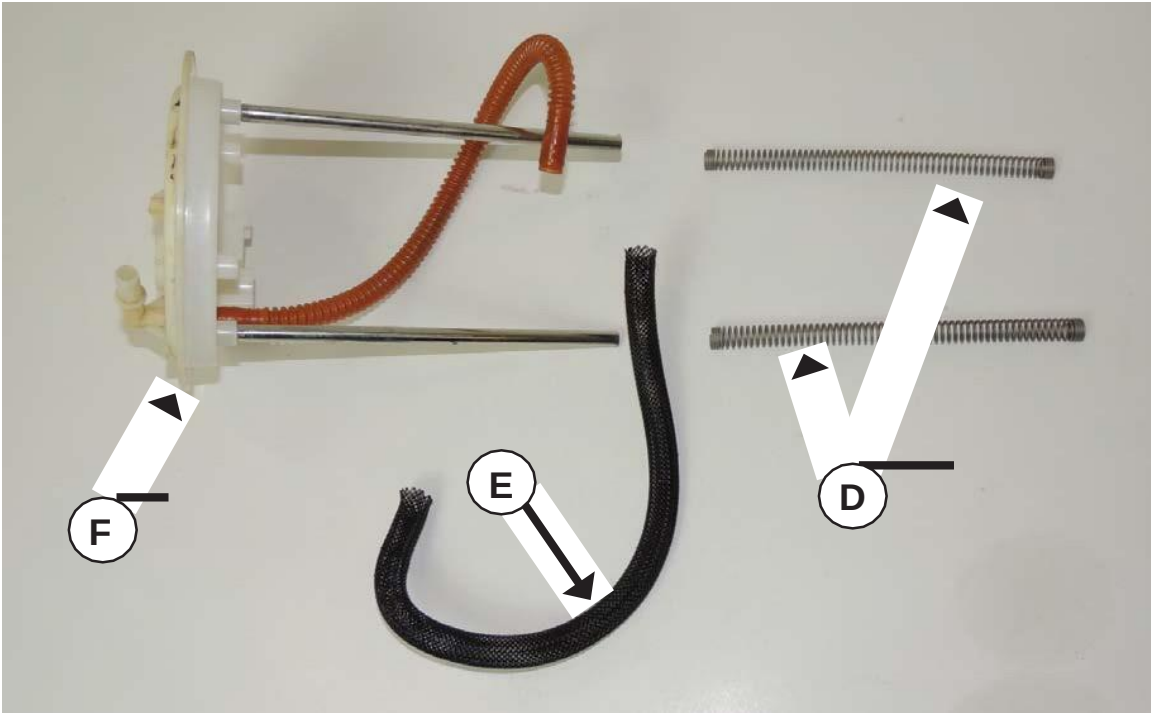
4. Using an adjustable blade tool (A) (Olfa® heavy duty knife shown) set to 1/16 in (1 mm) depth, carefully cut the fuel supply tube (B) to release it from the supply port (C).



5. Using a pair of needle nose pliers, round the lower flared portion of the guide post. When the guide post on each side of the FDM has been sufficiently rounded, the upper flange can be removed.

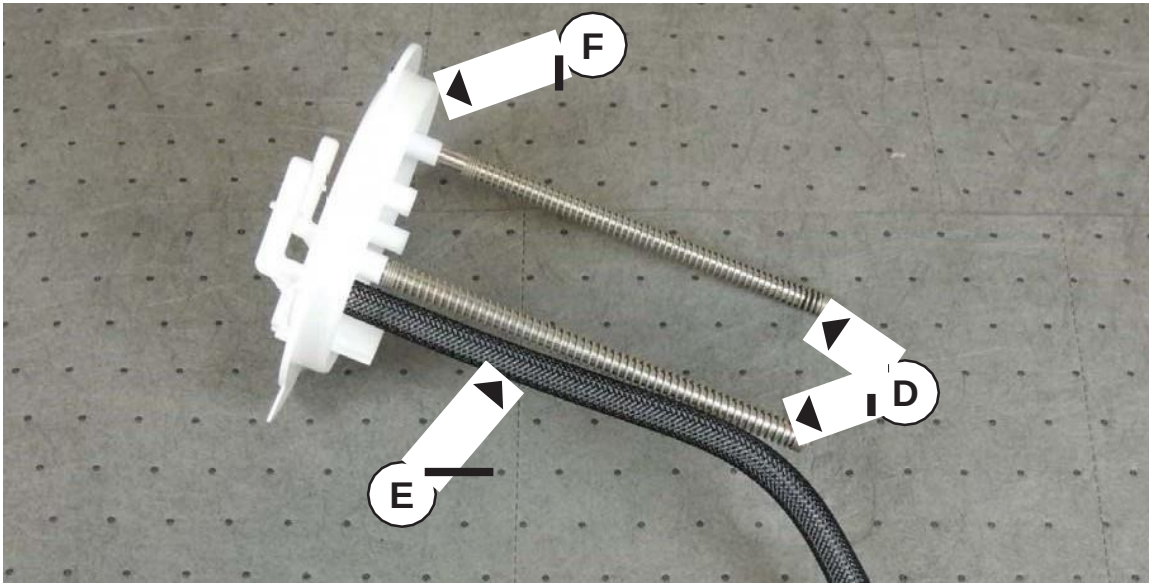


6. Remove the guide post springs (D) and the fuel tube anti-abrasive sleeve (E) from the old FDM flange (F).





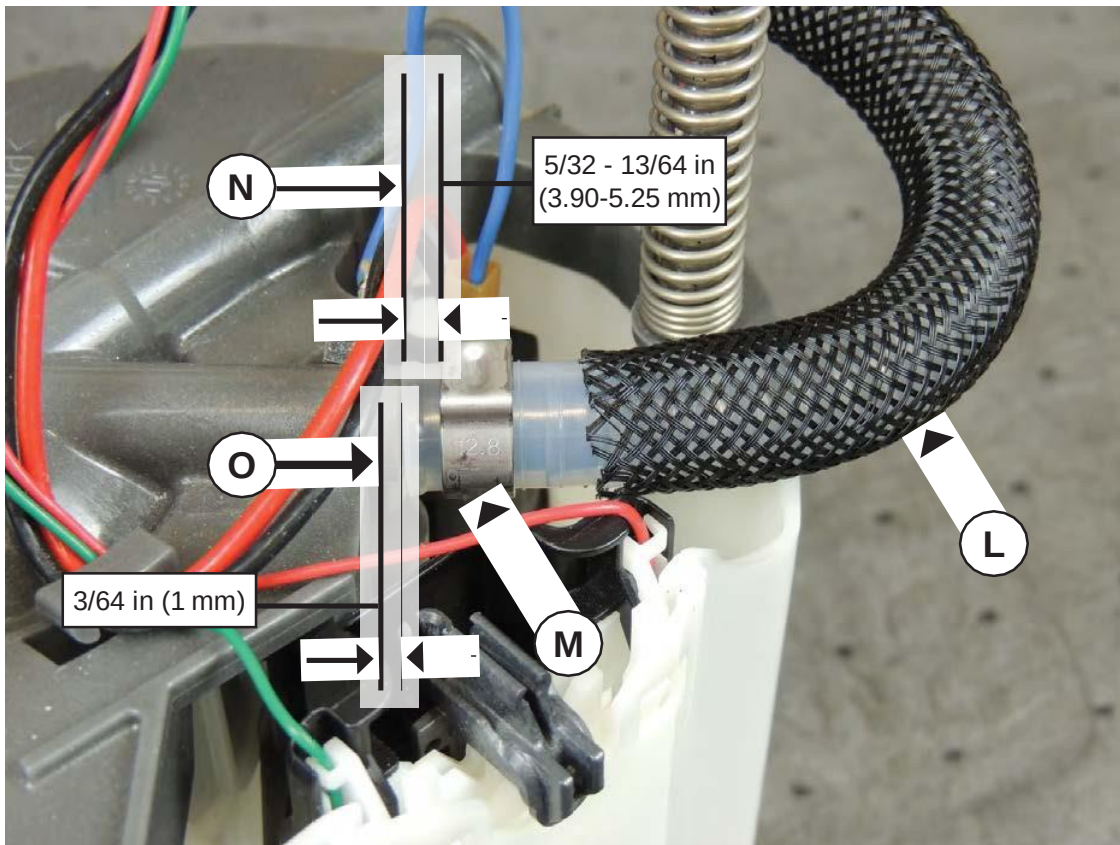
7. Install the guide post springs (D) and the fuel tube anti-abrasive sleeve (E) onto the *new* FDM flange (F).



8. Connect the new fuel supply tube (L) to the supply port and mark the installation position of the Oetiker® clamp (M) prior to tightening. Improper location can cause a fuel pressure bleed down. See Figure below.

**Note:**

- Oetiker® clamp must be positioned  $\frac{5}{32}$  -  $\frac{13}{64}$  in (3.90-5.25 mm) from end of fuel supply tube (N).
- No more than  $\frac{3}{64}$  in (1 mm) gap between fuel supply tube and FDM body (O).

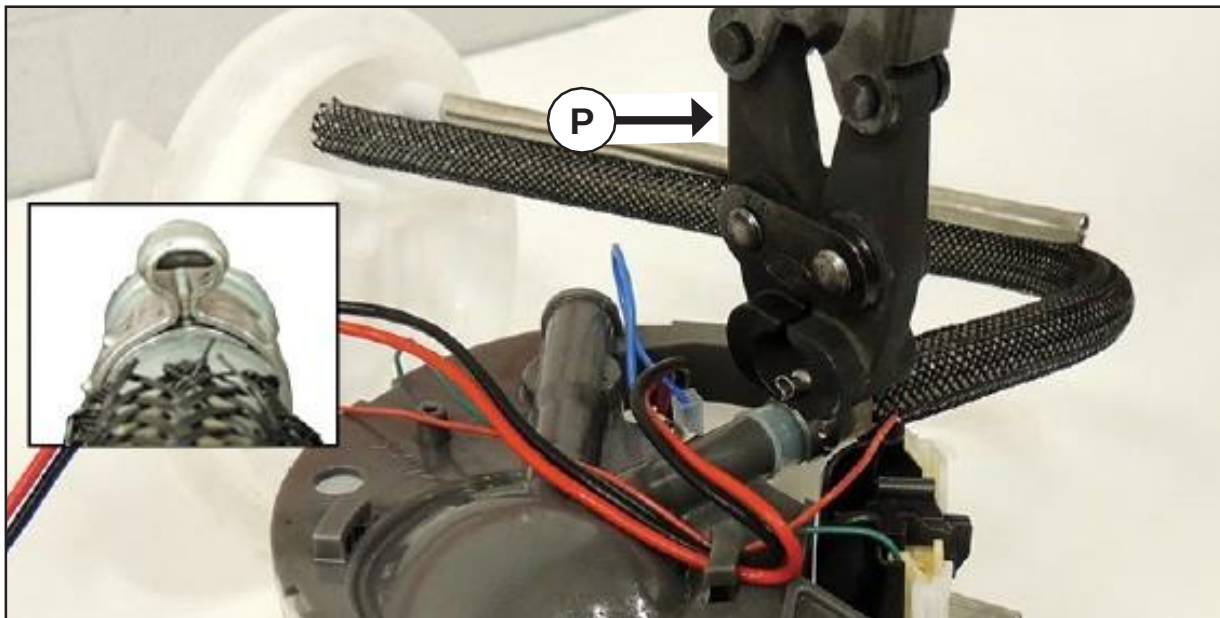
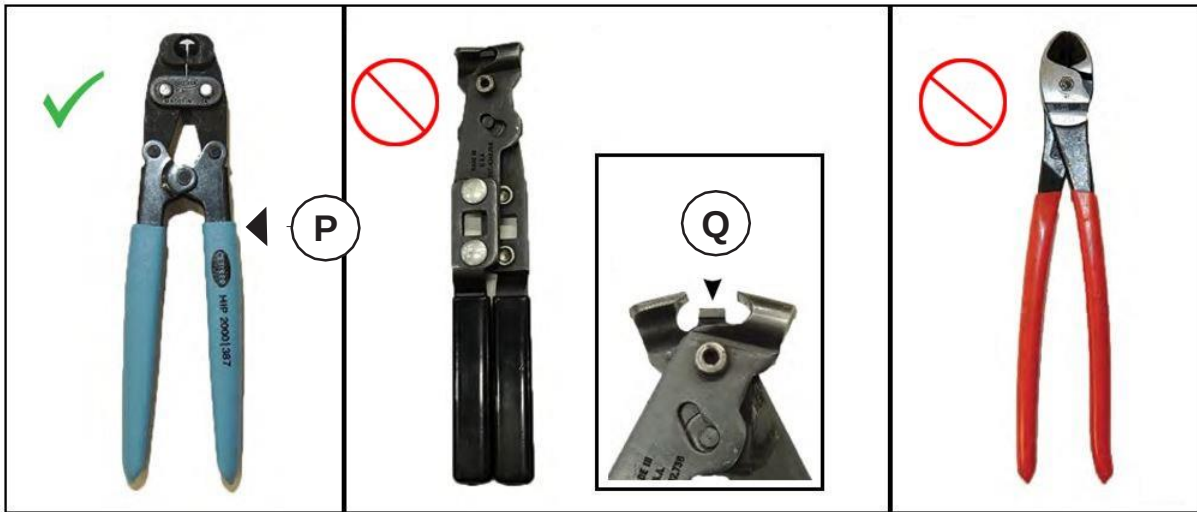


9. Tighten the Oetiker® clamp using Oetiker® HIP 2000 / 387 (P) (or equivalent) clamp pliers.

**NOTE:** Only Oetiker® clamp (P) pliers (or equivalent) should be used to clamp the Oetiker® clamp. If any other type of pliers are used such as side cutters or CV axle clamp pliers, a long crank or hard start condition will likely occur due to fuel pressure bleed down.

**NOTE:**

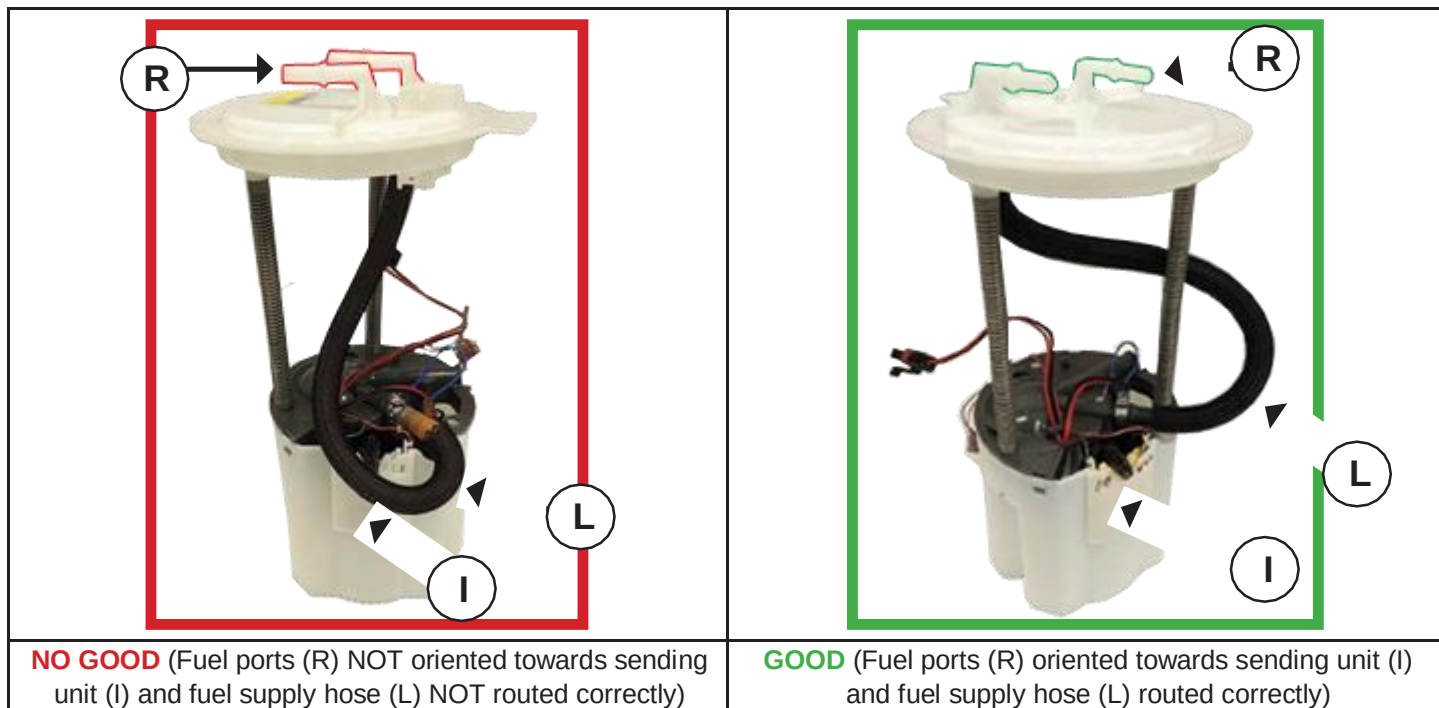
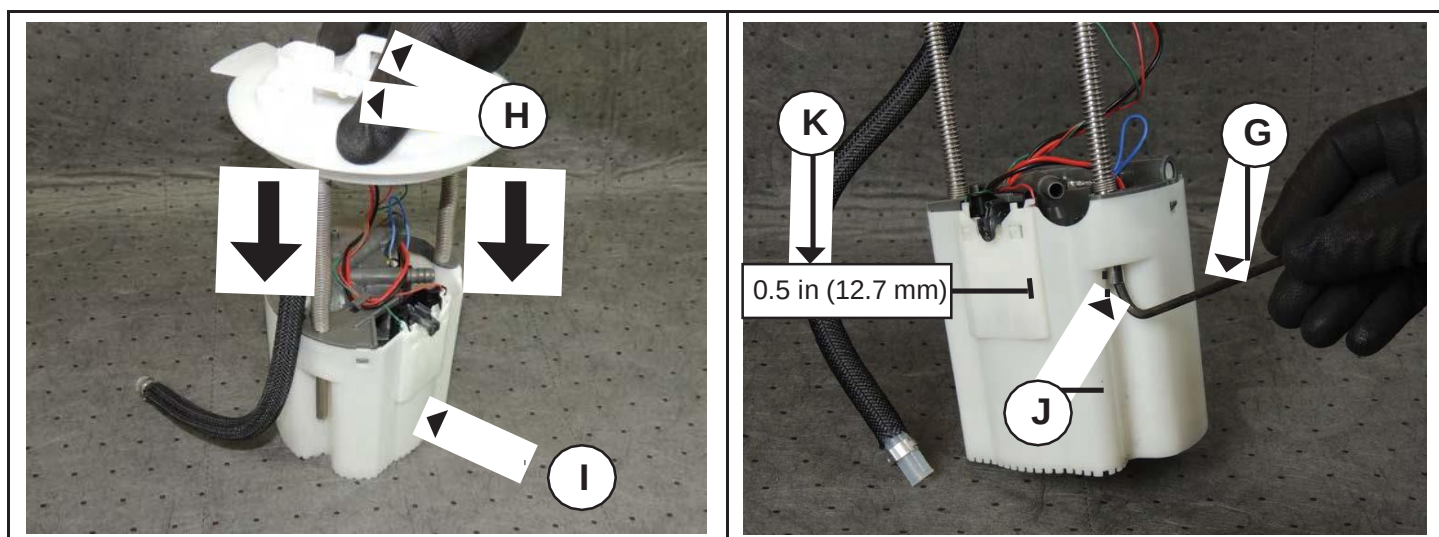
- DO NOT replace the fuel delivery module or fuel delivery module flange kit for long crank or hard start symptoms that result after performing this repair. In the event an Oetiker® clamp is damaged or improperly clamped during installation, the same size Oetiker® clamp will need to be ordered by the dealer and installed. Any damaged clamp is not to be claimed on the recall.
- Center tab (Q) does not allow full compression of the clamp.



10. Install the *new* FDM flange, paying close attention to the proper orientation of the FDM flange to FDM.
  - Using a suitable tool, such as a hex key (G), flare the end of each guide post to secure the flange to the lower module.
  - **After both guide posts have been flared, gently pull on the FDM flange to ensure it is properly secured to the FDM.**

**Note:** When installing the *new* FDM flange, the flange must be aligned properly so the fuel ports (H) are pointing towards the sending unit (I) side of the FDM.

**Notice:** When flaring the end of each guide post (J), only apply enough pressure to prevent the guide post from pulling through the lower module. Using excessive pressure when flaring may cause bending of the guide post, which can limit the necessary travel of the flange. The flared guide post should look similar to step 5, and no more than 1/2 in (12.7 mm) of the guide post should be exposed on the bottom side of the FDM after flaring (K).





## SAFETY RECALL 0416J

11. Connect the FDM electrical connectors. See step 3.
12. Install the float arm onto the fuel level sensor. See step 2.
13. Reinstall the FDM. Refer to MGSS online FUEL PUMP MODULE REMOVAL/INSTALLATION.
14. Proceed to "C. CAMPAIGN LABEL INSTALLATION".

### C. CAMPAIGN LABEL INSTALLATION

1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "0416J", your dealer code, today's date.

**CAMPAIGN LABEL**

CAMPAIGN NO: \_\_\_\_\_

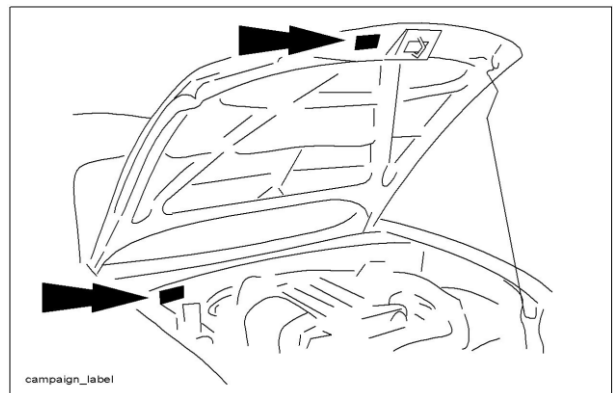
DEALER CODE: \_\_\_\_\_

DATE:                      /     /

P/N 9999-95-065A-06

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2. Affix the Campaign Label to the hood or bulkhead as shown:



3. Return the vehicle to the customer.