

July 12, 2024

Version 1

## Safety Recall: 2023 HR-V Fuel Pump Module Set/Assembly Replacement

### AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2023	HR-V	ALL	Check the iN vin status for eligibility.

### BACKGROUND

A extremely small number of 2023 HR-V units may have received a **fuel pump assembly service part** with defective impellers. Due to swelling of the fuel pump motor impeller, the fuel pump may seize and stop working. A defective impeller may cause the fuel pump to become inoperative, which could prevent an engine from functioning as intended. If this bulletin appears during an **iN VIN status inquiry**, **the vehicle is subject to a safety recall. Any affected vehicles in your dealer inventory are on STOP SALE until further notice. Refrain from calling Tech Line for updates.**

### CUSTOMER NOTIFICATION

Owners of the affected vehicles will be sent a notification of this campaign. They will be informed that due to a limited supply of parts (at this time) Honda is prioritizing the repair of customer vehicles experiencing symptoms related to this recall.

When adequate replacement parts become available, Honda will send a follow-up letter to customers instructing them to schedule an appointment for all vehicles affected by this recall. If a customer experiences the known symptoms associated with this safety recall (see CORRECTIVE ACTION), they are instructed to contact their local Honda dealer for the repair.

For any questions or concerns customers may have, you may have them contact American Honda Customer Support & Campaign Center at **1-888-234-2138**.

The following suggested text should be included on any repair order for an already sold affected vehicle that comes in for service. This information should be printed out completely any time service is conducted on an affected vehicle, and the recall repair has not yet been completed. Depending on parts availability, the normal procedures under SOM 7.2.1 will apply for this recall.

#### **Suggested Verbiage to be Included on the Repair Order:**

*Customer was advised that:*

*The vehicle is subject to a recall affecting the fuel pump motor. The parts necessary to complete the recall repair are currently limited. Vehicles with eligible VINs and the following symptoms: difficulty starting, engine hesitation while driving, are eligible for immediate repair. Once parts repair kits are available, if the vehicle has not been repaired, the registered owner of the vehicle will receive a notice to bring the vehicle in for a replacement of the components, regardless of symptom.*

### CORRECTIVE ACTION

Replace the fuel pump assembly.

**CUSTOMER INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

## PARTS INFORMATION

### NOTE:

- Due to a limited supply, parts will be automatically allocated to your dealership **based on availability**.
- Prioritize repairing customer vehicles that meet both the VIN status eligibility and exhibit a known symptom such as: difficulty starting, engine hesitation while driving, and/or an illuminated check engine light with DTC P0087 (Fuel Rail Pressure Too Low)

Part Name	Part Number	Quantity
Fuel Pump Module Assembly (Fuel Tank Unit) (MSDS)	17045-TLA-A02	1
Fuel Feed Quick-Connect fitting (Sanoh, White 9.5mm)	17711-S84-004	1

**For dealers experiencing a strong fuel smell from storing a fuel pump motor replaced under this service bulletin,** the fuel pump motor may be disposed of immediately in accordance with local regulations. This only applies to the fuel pump motor replaced under this service bulletin. The published retention policy remains in effect for all other parts.

If you have any questions about this exception or other parts retention issues, contact the WPI Administrative Office at **1-937-642-2737**.

## TOOL INFORMATION

Tool Name	Part Number	Quantity
Fuel Sender Wrench	070AA-TLA0100	1

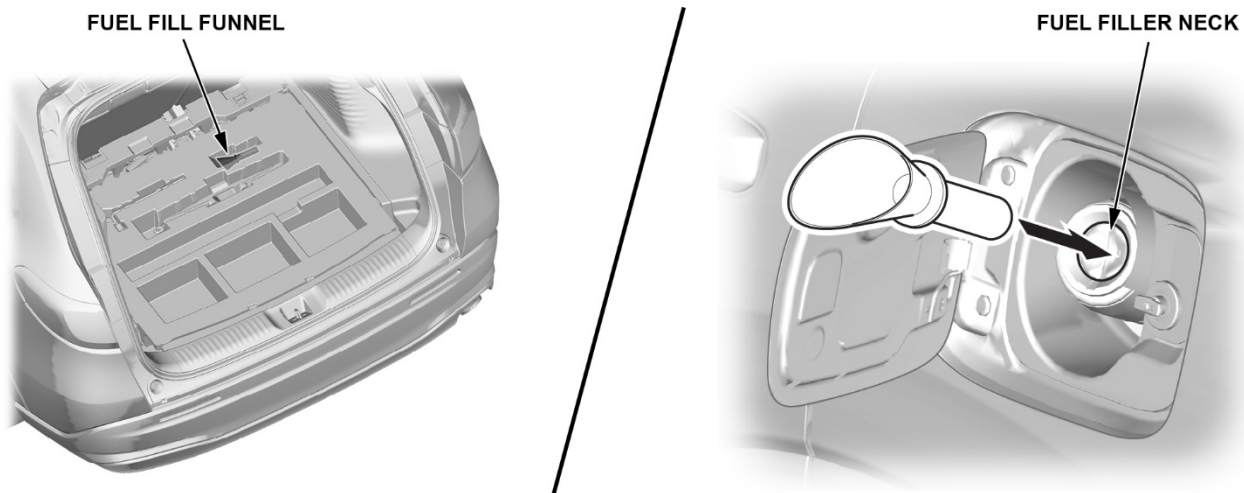
## WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
3101EH	Replace the fuel pump module	1.1 hr	6FE00	MIN00	A24075A	17045-TLA-A02

Skill Level: Repair Technician

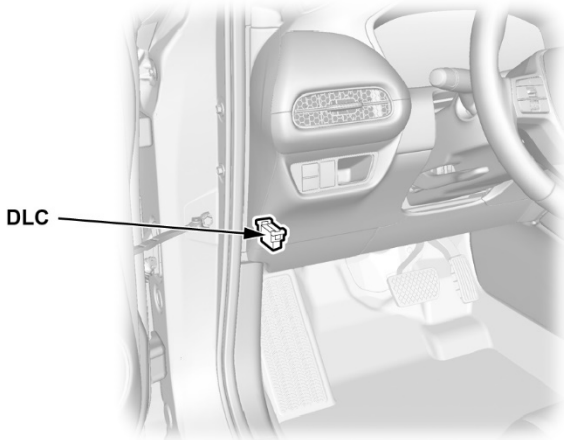
## REPAIR PROCEDURE

1. Insert the emergency fuel funnel into the fuel filler neck to relieve the pressure in the fuel tank.



2. Fuel Pump stop with HDS:

- Turn the vehicle to the OFF (LOCK) mode.
- Connect the HDS to the DLC (a) located under the driver's side of the dashboard.



- Turn the vehicle to the ON mode, but do not start the engine.
- Activate the HDS, then make sure the HDS communicates with the PCM and other vehicle systems. If it doesn't, go to the symptom troubleshooting.

3. Stop the fuel pump.

4. Select the following menu buttons on the HDS screen in sequence:

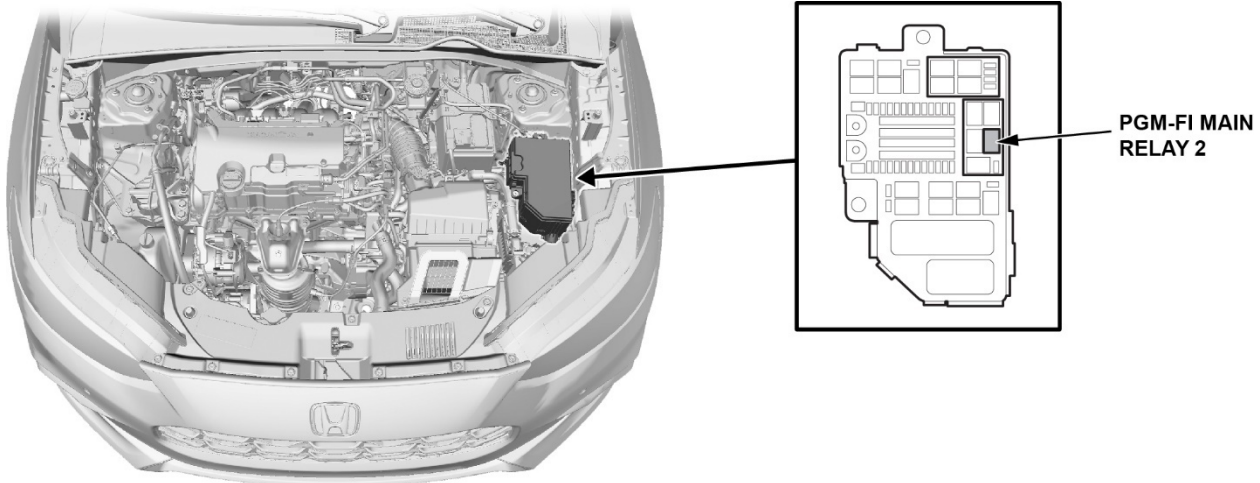
- **PGM-FI (System Selection Menu)**
- **Function Test**
- **FUEL PUMP OFF**
- Start the engine and let it idle until it stalls.

**NOTICE**

- Do not allow the engine to idle above 1,000 rpm or the PCM will continue to operate the fuel pump.
- A Pending or Confirmed DTC may be set during this procedure. Check for DTCs and clear them as needed.
- Turn the vehicle to the OFF (LOCK) mode.

5. Fuel pressure relieve without HDS.

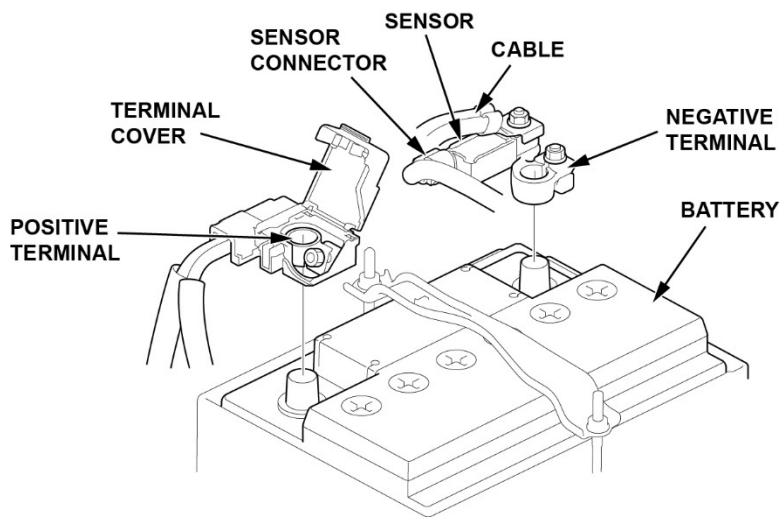
- Insert the emergency fuel funnel (b) into the fuel filler neck to relieve the pressure in the fuel tank.
- Remove PGM-FI main relay 2.



**NOTICE**

- If any DTCs are stored, clear the DTC after all work related to relieving fuel pressure has been completed.
- Turn the vehicle to the OFF (LOCK) mode.
- Install PGM-FI main relay 2.

6. Disconnect the 12-volt battery.



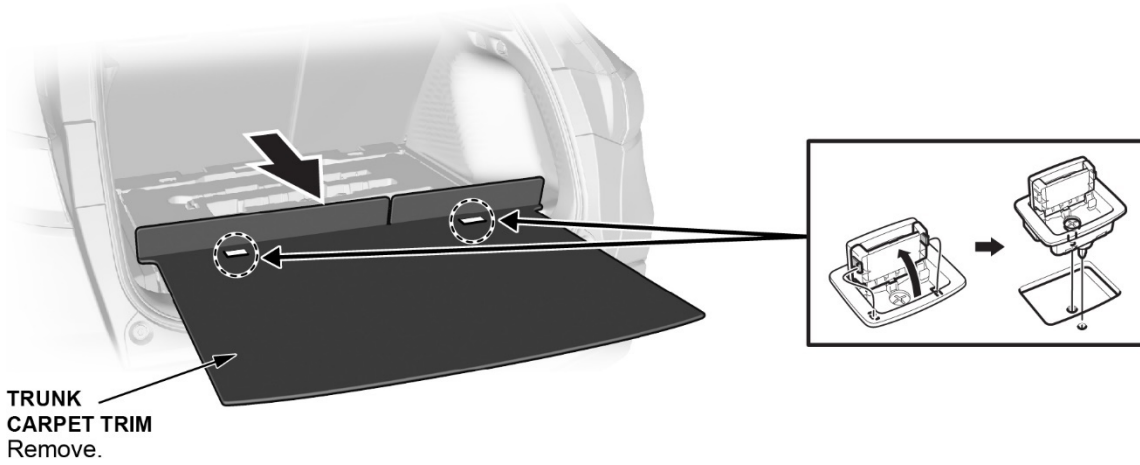
- Make sure the vehicle is in the OFF (LOCK) mode.
- Disconnect and isolate the 12-volt battery sensor with the cable from the 12-volt battery.

**NOTE:**

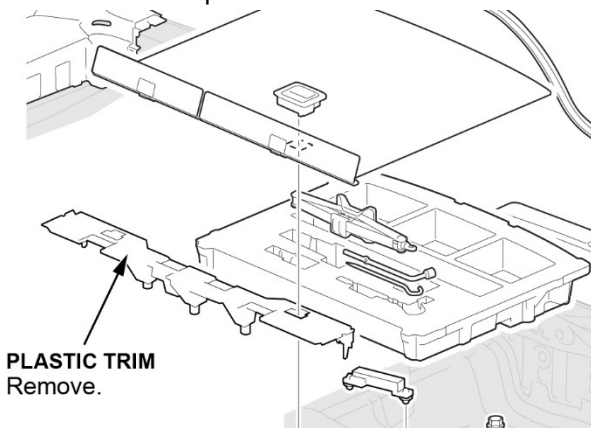
- Always disconnect the negative side first.
- To protect the battery sensor connector from damage, do not hold it when removing the terminal.
- Do not disconnect the 12-volt battery sensor from the cable.
- Open the 12-volt battery positive terminal cover.
- Disconnect the 12-volt battery positive terminal from the 12-volt battery.

7. Remove the rear seat:

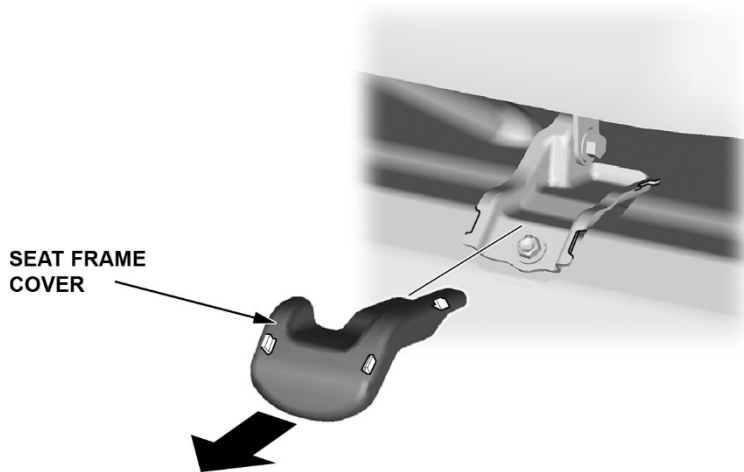
- Remove trunk carpet trim.



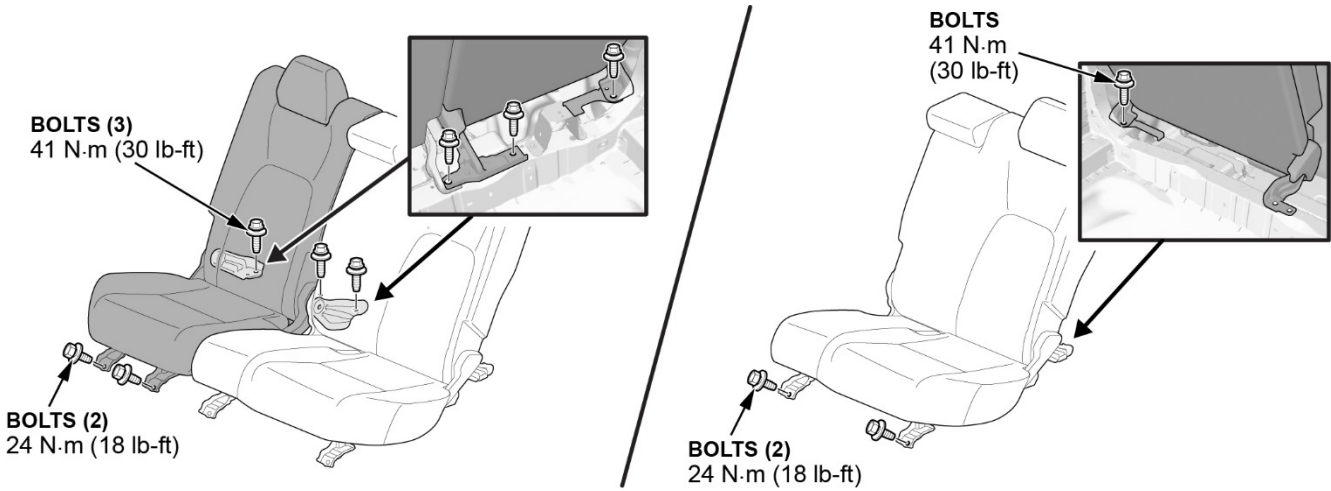
- Remove the plastic trim.



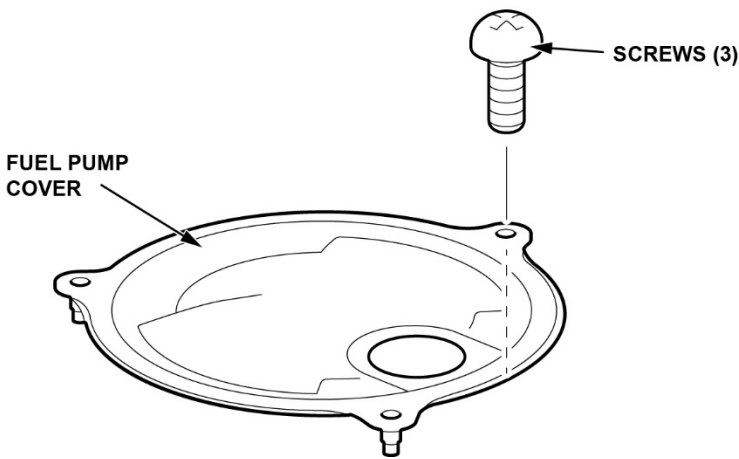
- Remove seat frame covers.



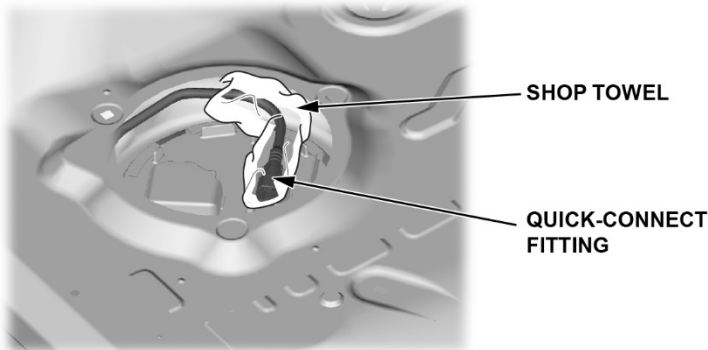
- Remove the bolts.



8. Remove three screws holding down the fuel pump cover.



9. Disconnect Quick-Connect fitting from fuel pump.

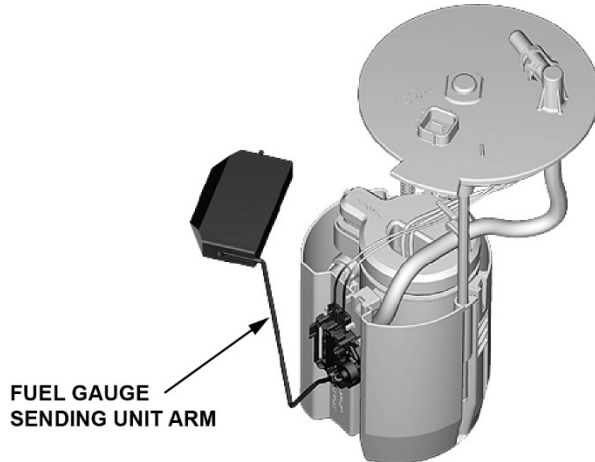


10. Remove the fuel pump cover.

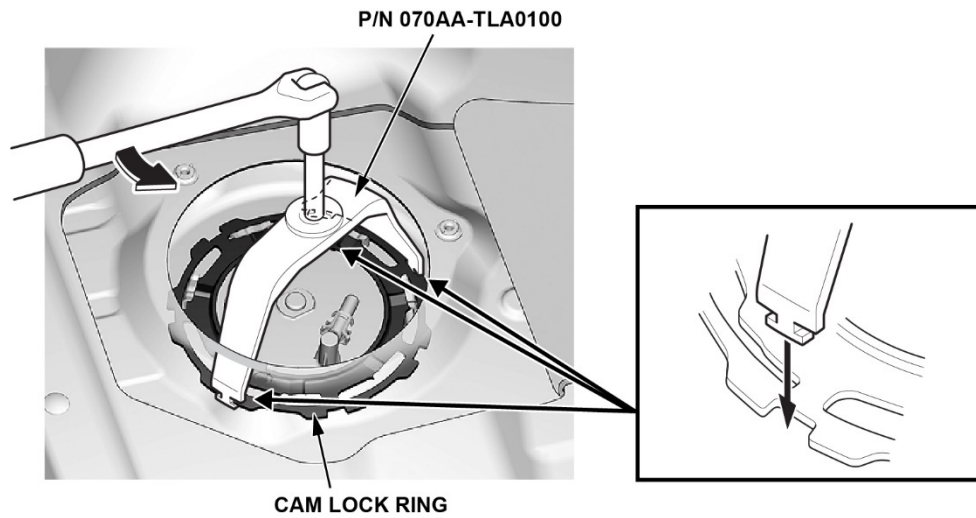
11. Remove the fuel pump using the fuel sender wrench 070AA-TLA0100.

**NOTICE**

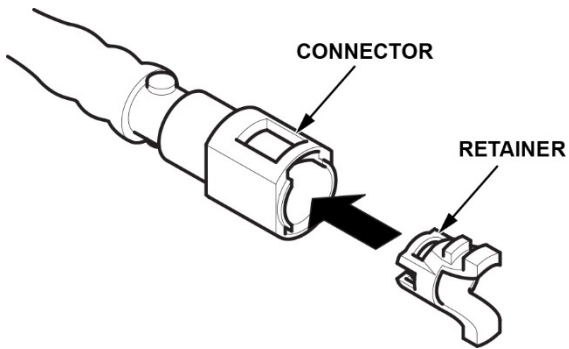
Be careful not to bend or twist the fuel gauge, sending the unit arm excessively.



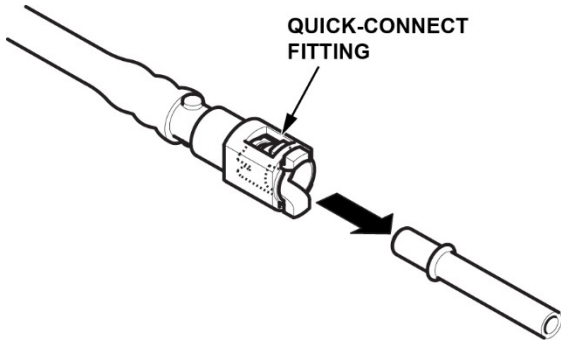
12. Unlock the fuel tank unit cam lock ring.



13. Install the new fuel feed quick-connect fitting:



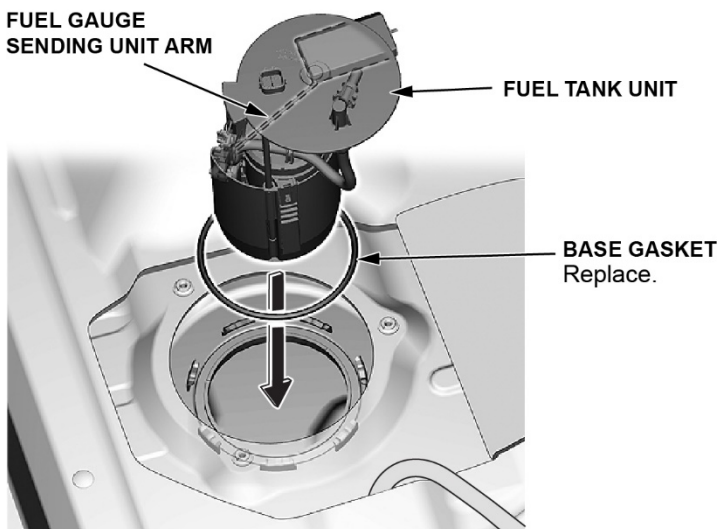
- Connect the retainer to the connector.
- Connect the quick-connect fitting to the fuel line until a click sound is heard.



14. Insert the fuel tank unit partially into the tank with a new base gasket.

NOTE:

- Be careful not to damage the base gasket.
- Be careful not to bend the fuel gauge sending unit arm excessively.
- Do not coat the base gasket with oil.

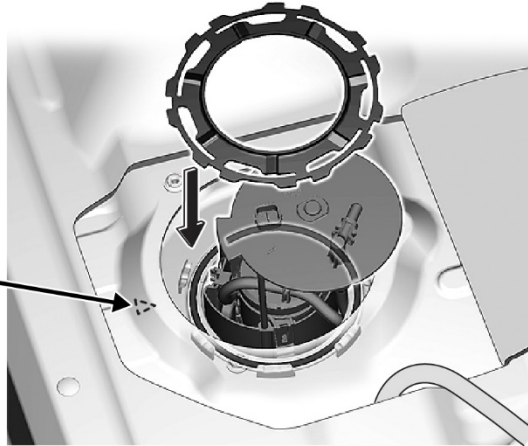
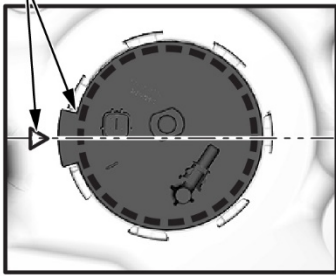




15. Align the tab of the fuel tank unit and the marks on the fuel tank, then insert the fuel tank unit into the fuel tank.

NOTE: To avoid fuel leak, check the base gasket visually or by hand, to make sure It is not pinched.

MARKS



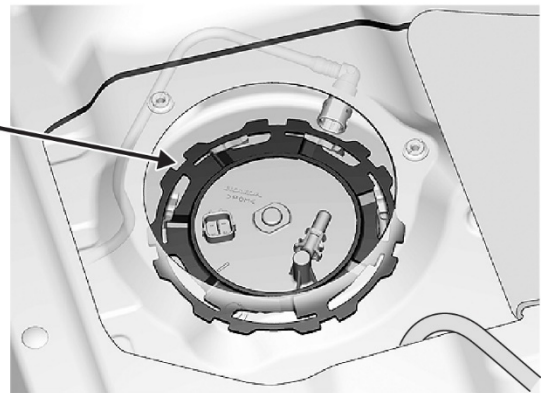
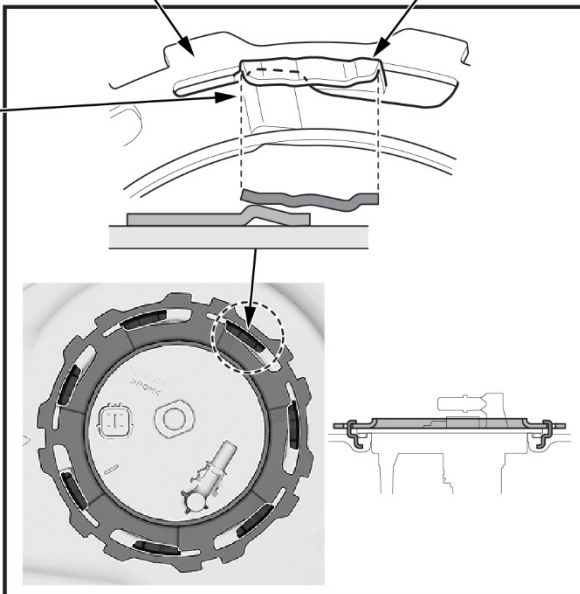
16. Rotate the fuel tank unit cam lock ring and slide the fuel tank unit cam lock tabs into the positioning edge slightly as shown by hand.

NOTE: Confirm the fuel cam lock ring is not floating.

CAM LOCK RING

POSITIONING EDGE

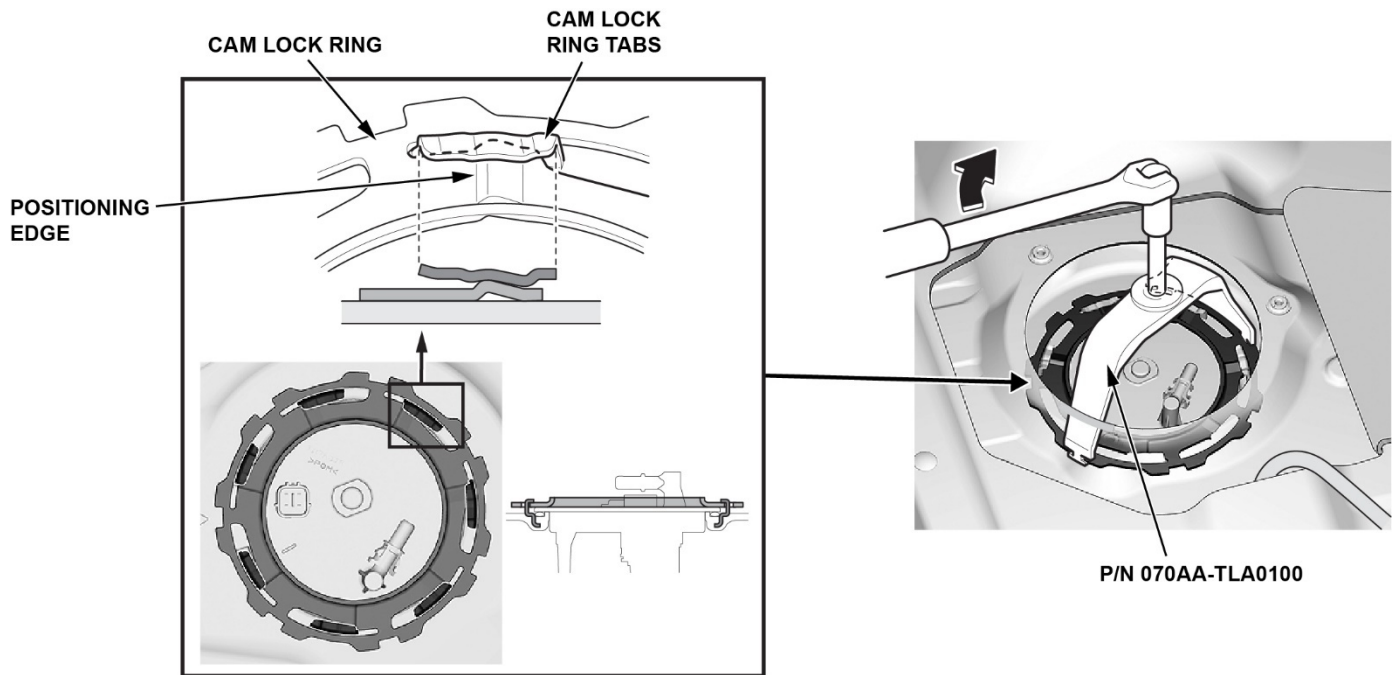
CAM LOCK TABS



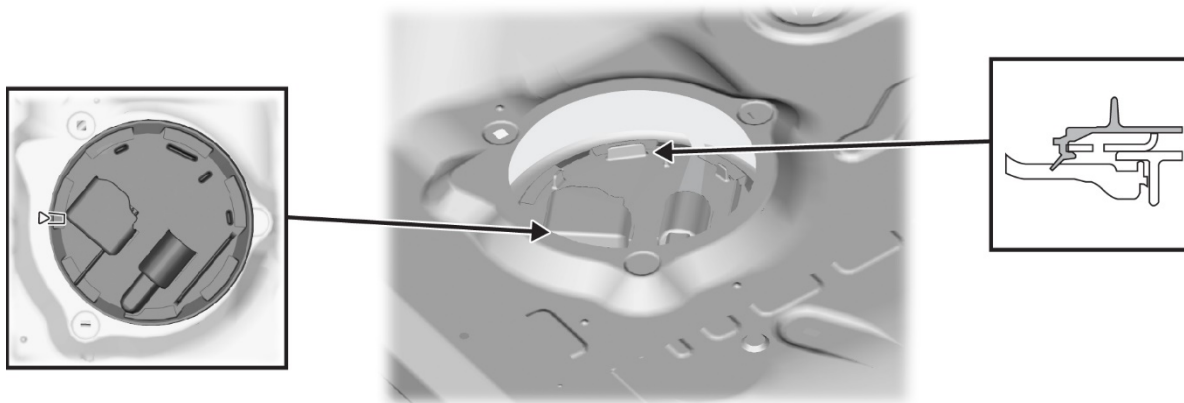
17. Using the fuel sender wrench, turn the fuel tank unit cam lock ring clockwise.

NOTE:

- Try to keep the fuel sender wrench from floating.
- Securely set the positioning edge of the fuel tank at the fuel unit cam lock ring tabs on the fuel tank unit lock ring as shown.

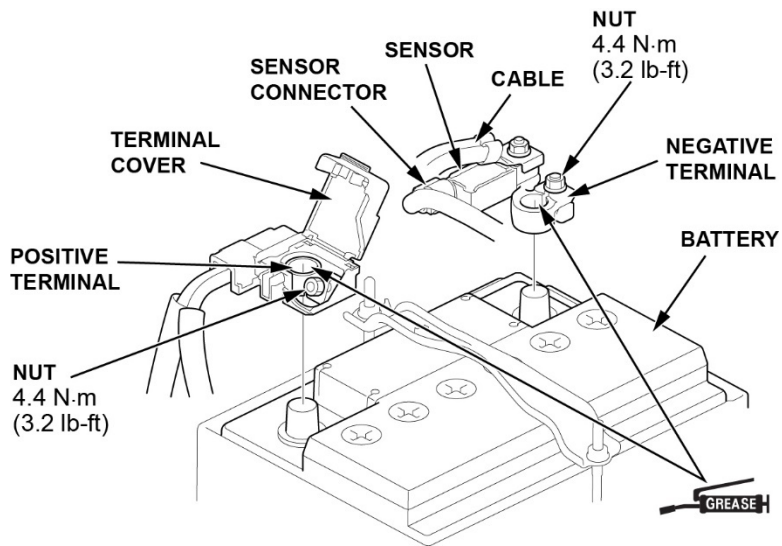


18. Install the fuel pump cover.



19. Connect the fuel feed quick-connect fitting to the fuel pump; make sure you can hear a click sound.

20. Connect the 12-volt battery.



21. Clean the 12-volt terminals.

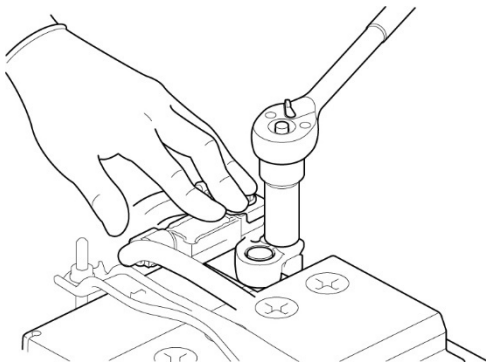
22. Connect the positive terminal to the 12-volt battery.

23. Connect the 12-volt battery sensor/negative terminal to the battery.

NOTE:

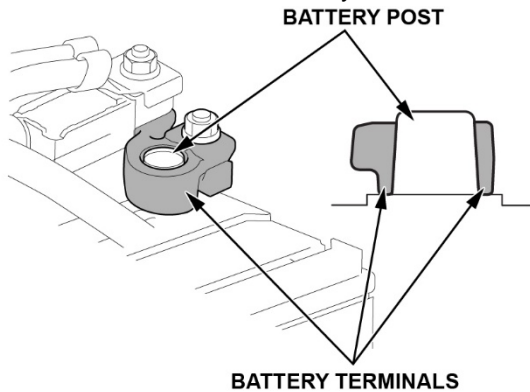
- To protect the 12-volt battery sensor connector from damage, do not hold it when installing the terminal.
- If necessary, connect the cable and the 12-volt battery sensor connector to the 12-volt battery sensor negative terminal.

24. While holding down the terminal, torque the clamp to the specified torque.

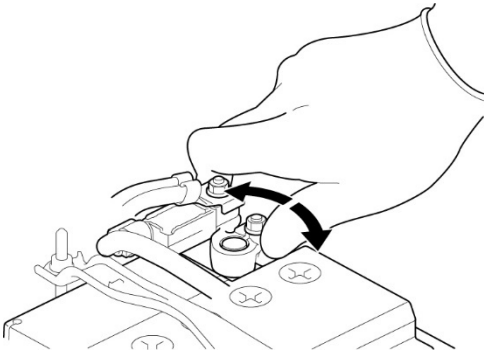


NOTE:

- Make sure both 12-volt battery terminals are at level or below the battery post.



- Make sure the connection is tight by wiggling the terminals back and forth.



- To protect the 12-volt battery sensor connector from damage, do not hold it when removing the terminal.
- If you cannot properly get the terminals to the proper condition and the terminals are not secure, replace either the terminal or 12-volt battery. **Do not** tighten clamps beyond their specified torque.
- Apply multi-purpose grease to prevent corrosion.

25. Do the VSA sensor neutral position memorization with HDS.

Select the following menu buttons on the HDS screen in sequence.

- **ABS/VSA (System Selection Menu)**
- **ADJUSTMENT**
- **ALL SENSOR**

26. Steering Angle Neutral Position Learn without HDS.

- Drive the vehicle in a straight line at speeds of **10 mph**.

NOTE:

- When the steering cable neutral position learning is completed, the indicator that was lighted goes off.
- The learning will be completed after driving straight forward for about **10 seconds**.

In the following cases, learning of the steering angle neutral position may not be completed:

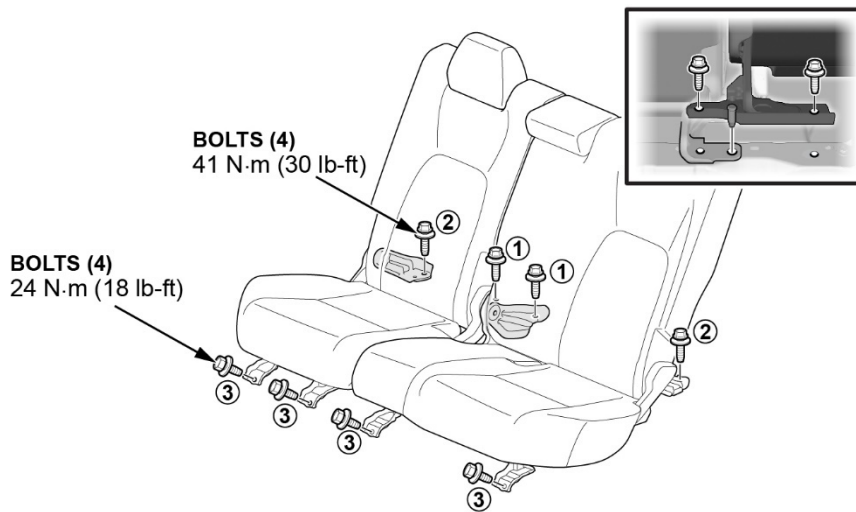
- Not driving in a straight line.
- When driving on gravel roads, extremely rough roads, or on slippery roads such as snow or ice.
- Driving under 10 mph or less.
- When driving on a road that leaned left and right.
- Rapid acceleration and deceleration.
- If steering does not complete check the EPS system.

27. Check for fuel leaks.

- Turn the vehicle to the ON mode, but do not operate the starter. After the fuel pump runs for about **2 seconds**, the low pressure fuel line will be pressurized. Repeat **two or three times**, then check for fuel leakage.

28. Install fuel pump access cover.

29. Install and torque the rear seat in the correct sequence.



30. *California residents only:* Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use **MIN** as the recall number. Have the service advisor give the certificate to your customer and advise him or her to keep it as proof that the recall was completed. Your customer will need to submit this certificate to the DMV only if the DMV requests it. If you need more certificates, use reorder number **Y0657**.

Vehicle Emission Recall - Proof of Correction				
License Number	Make	Year Model	Body Type	Vehicle Identification Number <div style="border: 1px solid black; display: flex; justify-content: space-between; height: 20px; width: 100%;"></div>
Manufacturer _____			Recall Number <b>MIN</b>	
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.				
Dealer's Name		Address, City, State and Zip		
Date		Dealership's Authorized Signature		
_____		_____		
X		_____		
Return this certificate to DMV only when required - otherwise retain for your records.				

Y0657 ACL 24832 (0212)