

**October 11, 2024**

Version 2

**Safety Recall: 2017 Accord Hybrid Fuel Pump Motor****Supersedes 24-032, dated June 7, 2024, to revise the information.****APPLIES TO**

| Year | Model         | Trim Level | VIN Range                                |
|------|---------------|------------|------------------------------------------|
| 2017 | Accord Hybrid | ALL        | Check the iN VIN status for eligibility. |

**REVISION SUMMARY**

Information on the first two pages of this bulletin has been extensively revised. American Honda recommends reviewing this information in its entirety.

**BACKGROUND**

A certain number of 2017 Accord Hybrid units may have been built with a fuel pump motor or may have been repaired with 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. This limitation may cause a loss of motive power or a stall while being driven, increasing the risk of a crash or injury, creating a safety hazard.

**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 affected vehicles will be sent a notification of this campaign. Do an iN VIN status inquiry to make sure the vehicle is shown as eligible. Some vehicles affected by this campaign may be in your new or used vehicle inventory.

Failure to repair a vehicle subject to a recall or campaign may subject your dealership to claims or lawsuits from the customer or anyone else harmed as a result of such failure. To see if a vehicle in inventory is affected by this safety recall, do a VIN status inquiry before selling it.

**CORRECTIVE ACTION**

Replace the fuel pump motor.

**NOTE:** If the vehicle has any of the symptoms listed in BACKGROUND, you must apply this bulletin before attempting any other repairs. If the symptoms remain after the recall repair is complete, only attempt further repairs (such as replacing the high-pressure fuel pump) after authorized troubleshooting.

**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.

## WARRANTY CLAIM INFORMATION

| Operation Number | Description                                                                                | Flat Rate Time | Defect Code | Symptom Code | Template ID | Failed Part Number |
|------------------|--------------------------------------------------------------------------------------------|----------------|-------------|--------------|-------------|--------------------|
| 3101EH           | Replace the fuel pump motor and do the VSA sensor neutral position memorization procedure. | 0.9 hr         | 6FE00       | FH100        | A24032A     | 17045-T3Z-A31      |

Skill Level: Repair Technician

## PARTS INFORMATION

Refer to the Parts Information Bulletin 24-0016, *Multi-Model Fuel Pump Motor Safety Recall Parts Availability*, for details regarding parts availability and ordering.

| Part Name           | Part Number   | Quantity |
|---------------------|---------------|----------|
| Fuel Pump Motor Kit | 06170-T3W-306 | 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 **937-642-2737**.

## TOOL INFORMATION

| Tool Name                 | Part Number   | Quantity |
|---------------------------|---------------|----------|
| Fuel Sender Wrench        | 070AA-T0AA100 | 1        |
| Fuel Module Separator Set | 07AAF-T5RA100 | 1        |

### ⚠ WARNING

Fuel pump motor removal exposes fuel, which can ignite, causing a fire or explosion.

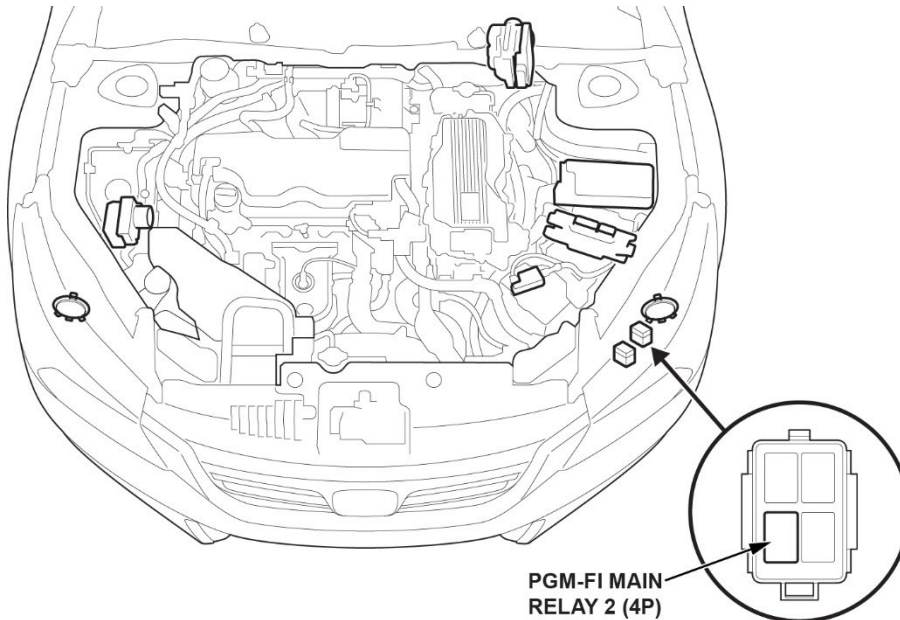
This can cause serious injury or death.

Always work in a well-ventilated area and keep sparks or open flames away.

1. Remove the fuel fill cap to relieve the pressure in the fuel tank.

NOTE: Slowly turn the fuel fill cap counterclockwise. If you hear a release of pressure, wait until it stops.

2. Remove the PGM-FI main relay 2.



3. Enter the maintenance mode and start the engine, then let it idle until it stalls.

NOTE: Do the following procedure within 60 seconds to start the engine in the maintenance mode.

1. Turn the vehicle to the OFF.
2. Turn the vehicle to the ON mode without stepping on the brake pedal.
3. With the shift position in P, press the accelerator pedal to the floor twice, then release it.
4. While pressing down on the brake pedal enter the shift position N, then press the accelerator pedal to the floor twice, then release it.
5. While pressing down on the brake pedal enter the shift position P, then press the accelerator pedal to the floor twice, then release it.
6. While pressing down on the brake pedal press the power button. The vehicle is now in the maintenance mode and the engine will start.

NOTE:

- "MAINTENANCE MODE" is displayed in the MID.
- If the engine coolant temperature gets too hot, the engine may not start until the engine coolant temperature drops.
- To turn the engine OFF and cancel the maintenance mode, turn the vehicle to the OFF (LOCK) mode.
- During the maintenance mode, some systems stop controls and the indicator for those systems comes on.
- During cold starts in maintenance mode, for about 60 seconds there may be some additional transmission noise. This is considered normal.

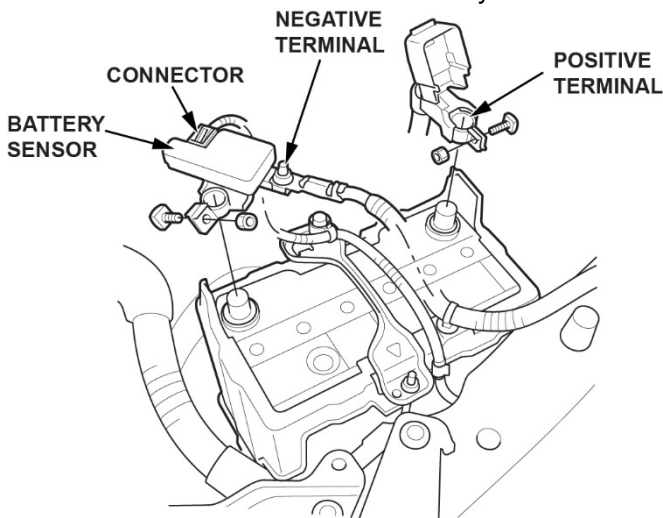
- When starting the engine in maintenance mode, you may hear a groan/rattle for about the first minute, or when the engine decelerates. This noise is caused by gear tolerances, when the generator is not under load. This noise is considered normal while in maintenance mode.
  - If any DTCs are stored, clear and ignore them.
4. Turn the ignition to OFF.
  5. Install the PGM-FI main relay 2.
  6. Once the vehicle has been OFF for at least 3 minutes, disconnect both 12-volt battery terminals, torque specifications at **2.9–5.9 N·m (2.1–4.4 ft-lb)**.

**NOTICE**

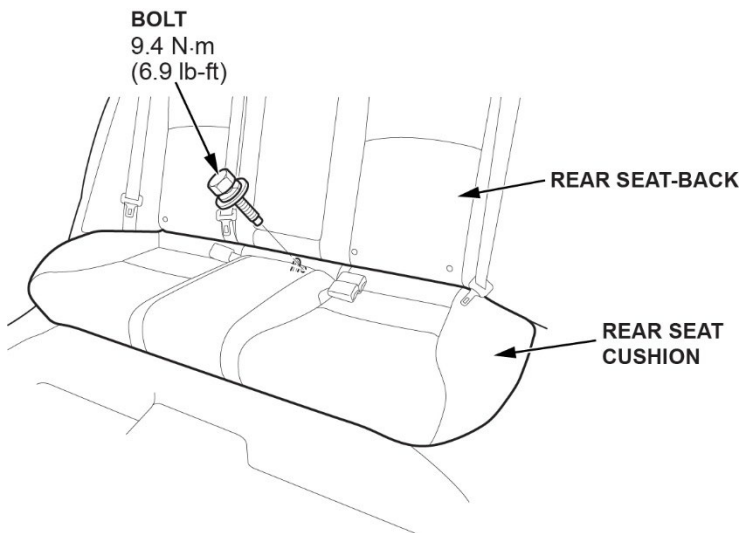
To protect the terminal connector from damage, do not hold it when removing the negative terminal.

**NOTE:**

- Always disconnect the negative terminal first.
- Do not disconnect the 12-volt battery sensor from the cable.

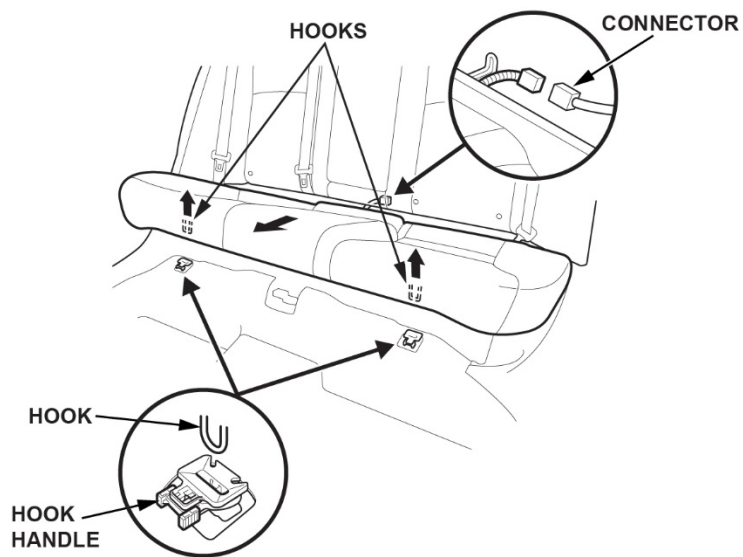


7. Remove the bolt between the rear seat-back and rear seat cushion.



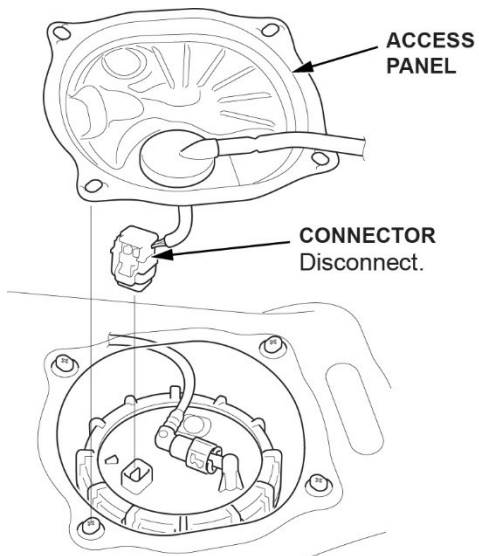
8. While pushing down on the seat cushion, pull the seat hook handles to release the hooks.

*With rear seat heaters:* Disconnect the connectors.

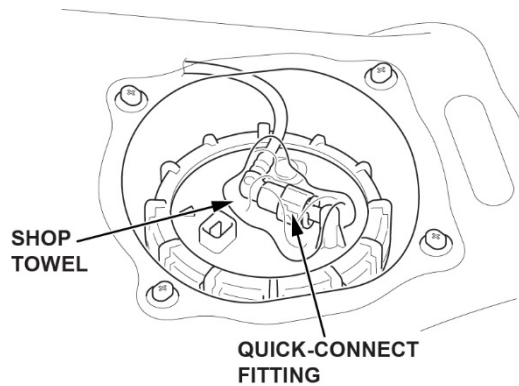


9. Remove the rear seat cushion.

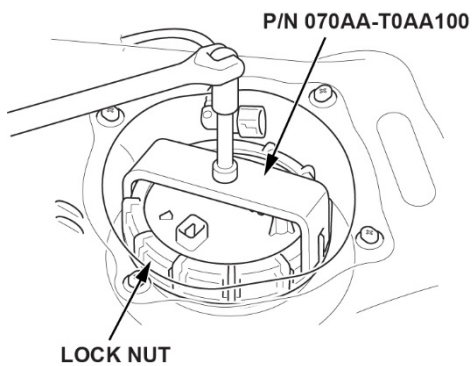
10. Remove the fuel tank unit access panel and disconnect the connector.



11. Place a rag or shop towel over the quick-connect fitting and disconnect it.



12. Using the fuel nut wrench, turn the fuel tank unit lock nut counterclockwise to loosen.



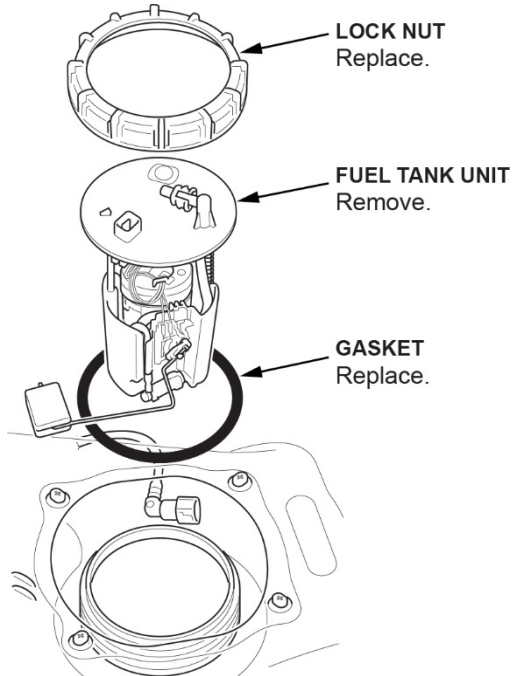
13. Remove the lock nut and the fuel tank unit.

**NOTE:**

- After removing the fuel pump unit, clean the fuel tank around the fuel pump opening.

**NOTICE**

Do not bend or twist the fuel level sensor arm excessively. This may damage the fuel level sensor or cause it to send inaccurate readings.



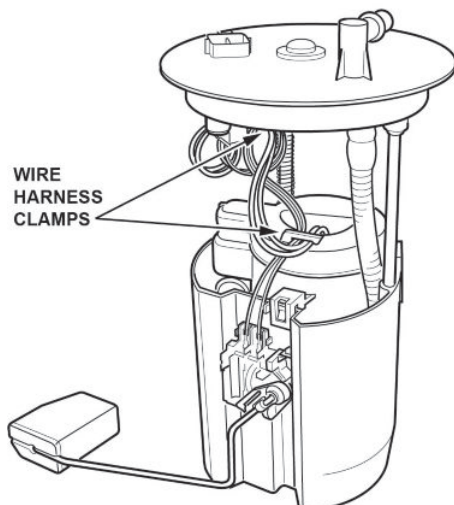
14. Disassemble the fuel tank unit and prepare the fuel pump and parts to be replaced.

**NOTE:** Take a photo of the fuel tube and wire harness and note their routing for assembly. There are various types of routing.

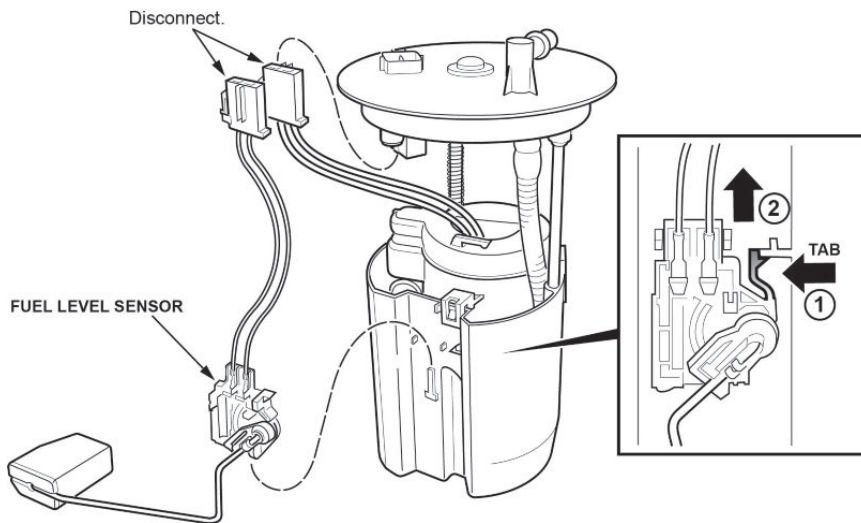
15. Spread the wire harness clamps and remove the wire harness. Make sure not to damage the wire harness.

**NOTICE**

- Do not spread the clamps too wide. Spreading them too wide may damage them.



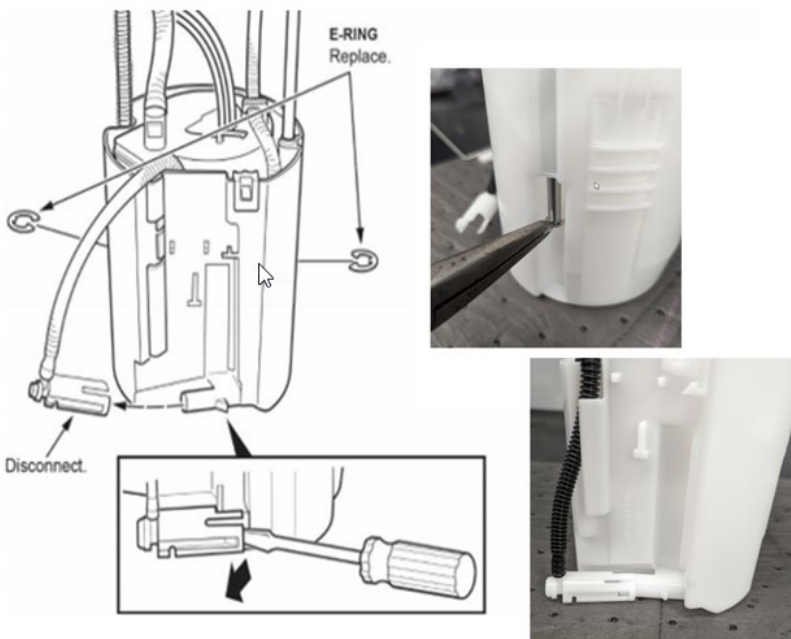
16. Press the tab on the fuel level sensor to release the lock, then, push up on the fuel level sensor to remove it.



17. Disconnect the fuel level sensor harness.

18. Remove the E-ring and discard it.

19. Disconnect the joint at the bottom of the reservoir.



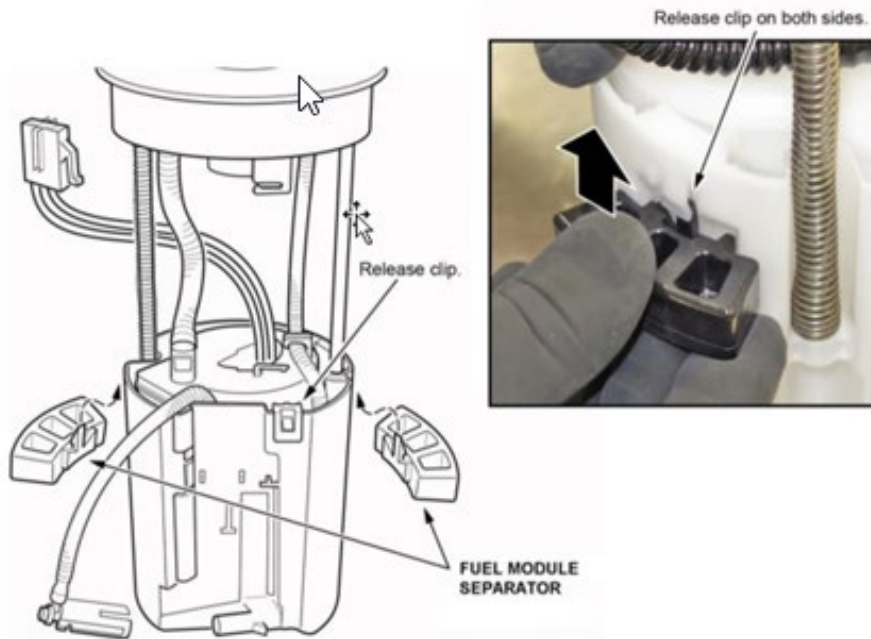
20. Remove the fuel filter assembly from the reservoir by releasing the three clips.

**NOTICE**

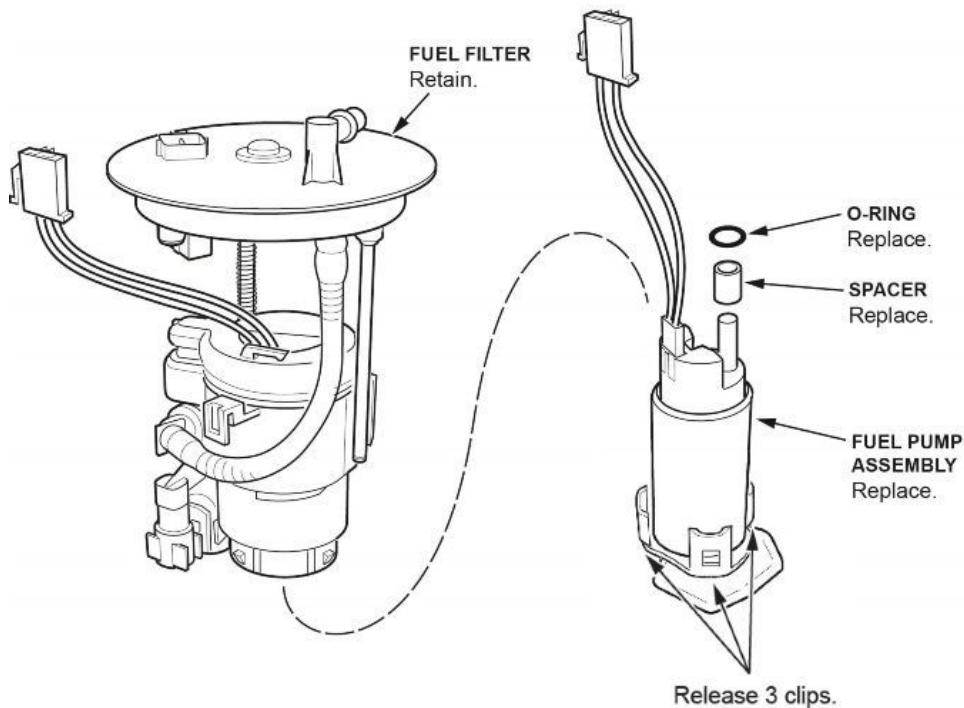
Do not spread the clips too wide. Spreading them too wide may damage them.

**NOTE:**

- If the O-ring remains on the fuel filter, use a flat-tip screwdriver wrapped in protective tape to remove it. Take care not to damage the O-ring seat section.
- The spring may slide off the sliding shaft. Retain this spring. It will be used during assembly.



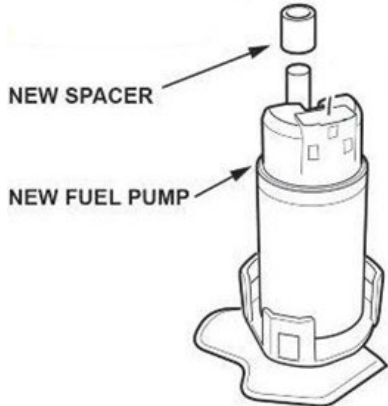
21. Release the three clips at the base of the fuel pump assembly and remove it from the fuel filter.



22. Pull the fuel pump assembly out of the fuel filter.

NOTE: If the O-ring remains on the fuel filter, use a flat-tip screwdriver wrapped in protective tape to remove it. Make sure not to damage the O-ring seat section.

23. Install the new spacer onto the new fuel pump motor.



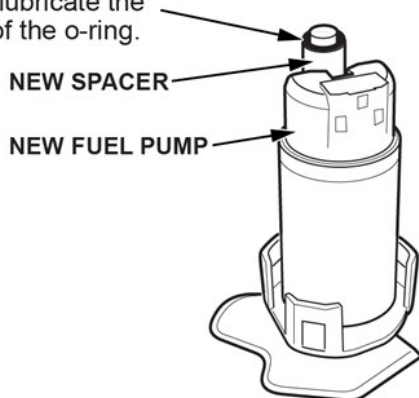
24. Install the new O-ring, then lubricate ONLY the outside edge of it, using clean engine oil.

NOTE: Do not pinch the O-ring during installation.

**NEW O-RING**

Lubricate after installing.

Do not lubricate the inside of the o-ring.



25. Install the new harness and making sure the connection is secure and the connectors are firmly locked into place.

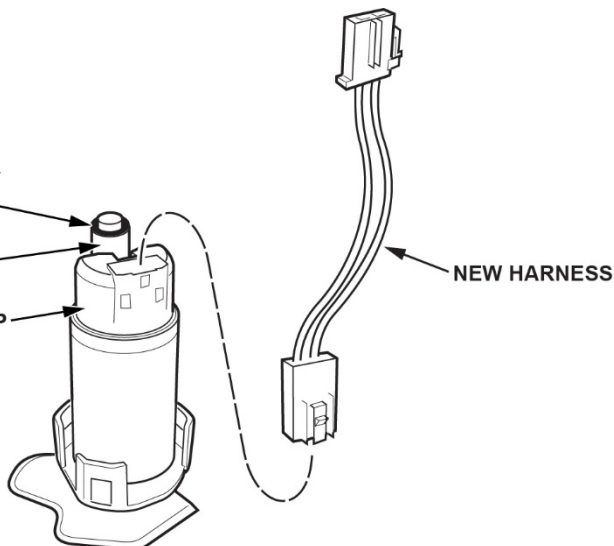
**NEW O-RING**

Lubricate after installing.

Do not lubricate the inside of the o-ring.

NEW SPACER

NEW FUEL PUMP



26. With the palm of your hands press the fuel pump into the suction fuel filter.

Click here to view the video:

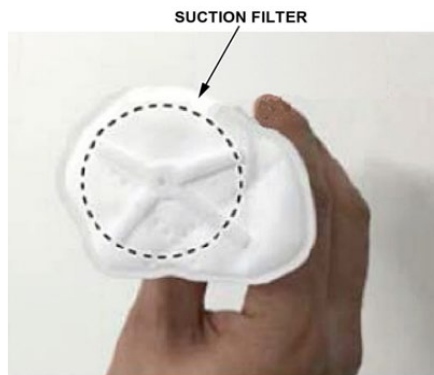
▶ PLAY VIDEO

NOTICE

When pressing the fuel pump into the suction filter, make sure you do so with a single firm push. Failure to do so may damage the O-ring. If it is seated properly, you will hear a click. If you do not hear the click, remove all parts, and inspect the O-ring for damage. If the O-ring is damaged, it must be replaced. Reassemble using the above process.

NOTE:

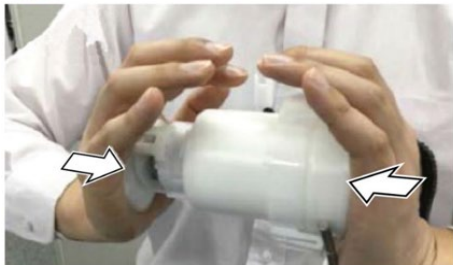
- When inserting the pump be careful not to break the suction filter
- If the O-ring is damaged, replace it with a new one.
- After installing the fuel pump to the suction filter, make sure the clips are firmly attached to the new fuel pump.



GOOD



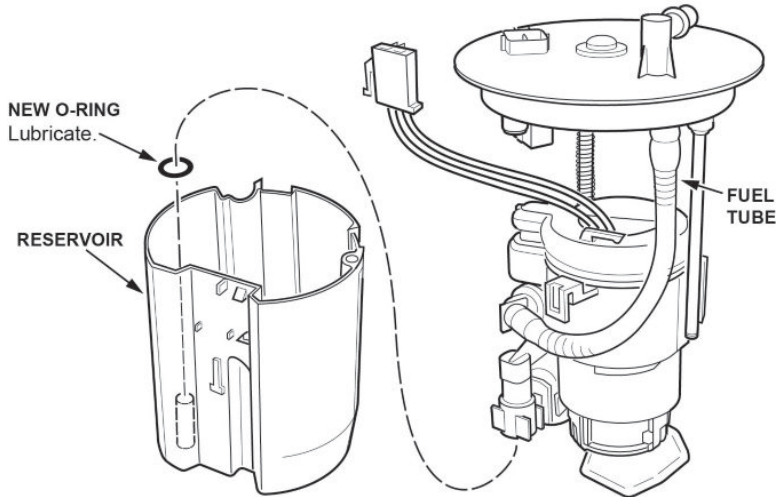
NO GOOD



27. Install the fuel filter assembly to the reservoir.

NOTE:

- Coat the O-ring with clean engine oil; do not use any other oil or fluid.
- Do not pinch the O-ring during installation.
- Insert the spring into the sliding shaft, and make sure it is lined up when installing the fuel filter.
- Make sure to route the fuel tube **exactly** as shown in the photo taken before disassembly.
- Make sure the three clips are fully engaged.



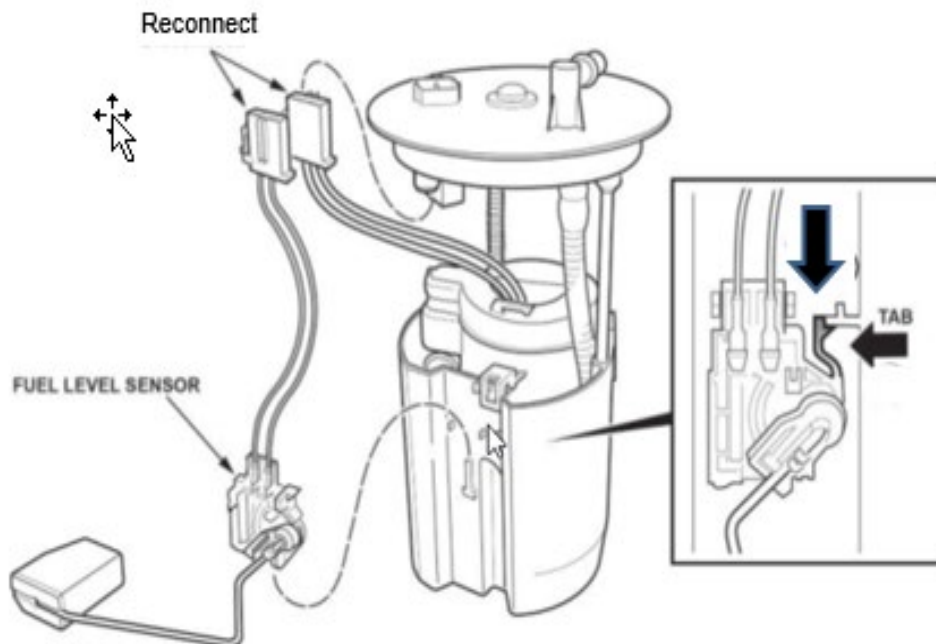
28. Install the new E-ring.

NOTE: After installation, make sure the E-ring can be rotated with your finger. If it cannot be rotated, the E-ring may not be fully seated or may be incorrectly installed.

29. Install the fuel level sensor to the reservoir and reconnect the wiring. Make sure the lock is engaged and the connection is secure.

NOTICE

Do not bend or twist the fuel level sensor arm excessively. This may damage the fuel level sensor or cause it to send inaccurate readings.



30. Install the wiring harness to the clamps.

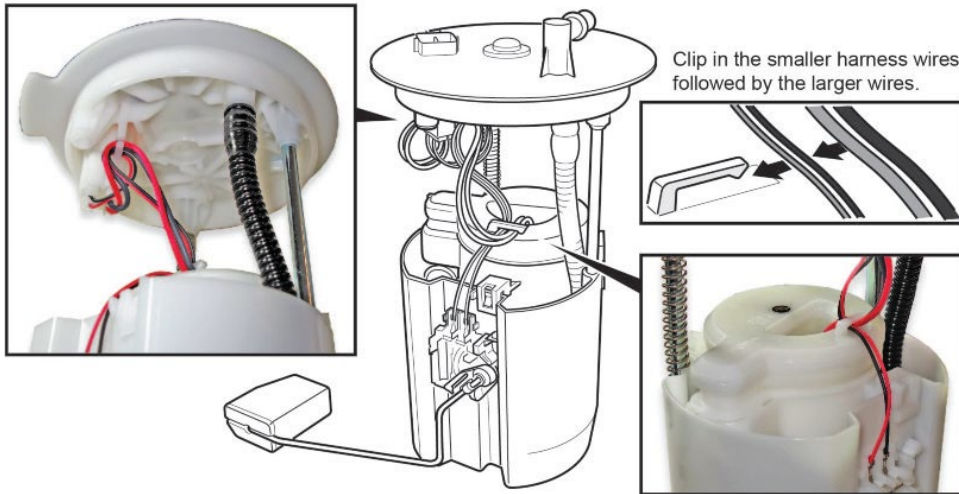
**NOTICE**

Do not spread the clamps too wide. Spreading them too wide may damage them.

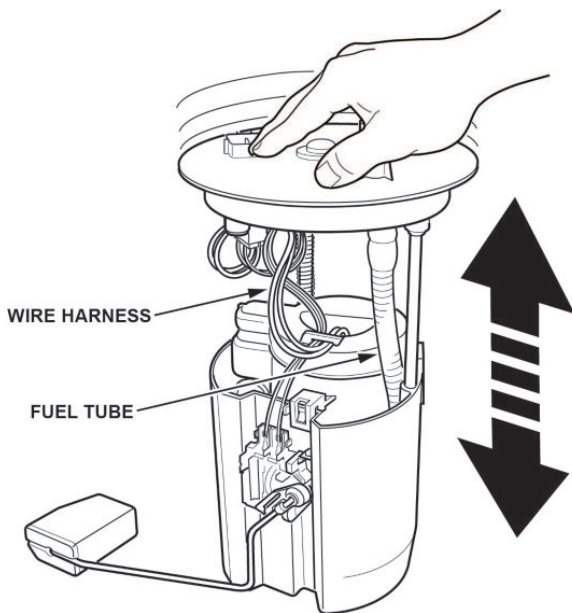
**NOTE:**

- Clip in the smaller harness wires followed by the larger wires.
- Make sure not to damage the wire harness.
- Make sure to route the wire harness **exactly** as shown in the photo taken before disassembly.

**HARNESS ROUTING:**



31. While compressing the fuel tank unit, make sure the movement is smooth and the fuel tube and wiring harness do not stretch, pinch, or bind.



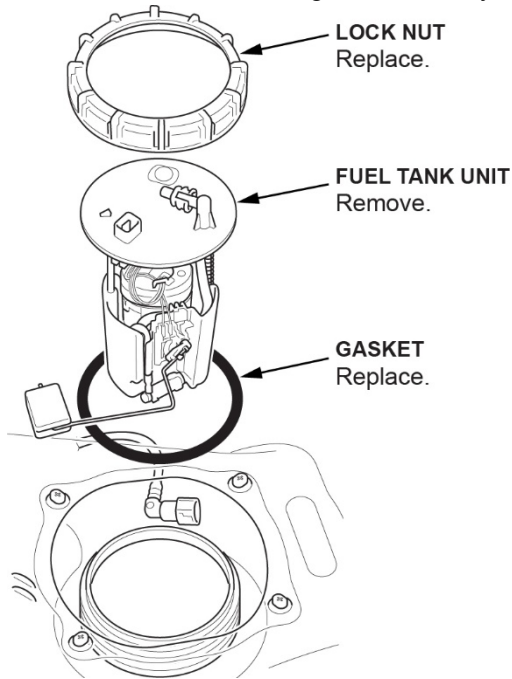
32. Install the fuel tank unit into the fuel tank with a new base gasket.

**NOTICE**

Do not bend or twist the fuel level sensor arm excessively. This may damage the fuel level sensor or cause it to send inaccurate readings.

**NOTE:**

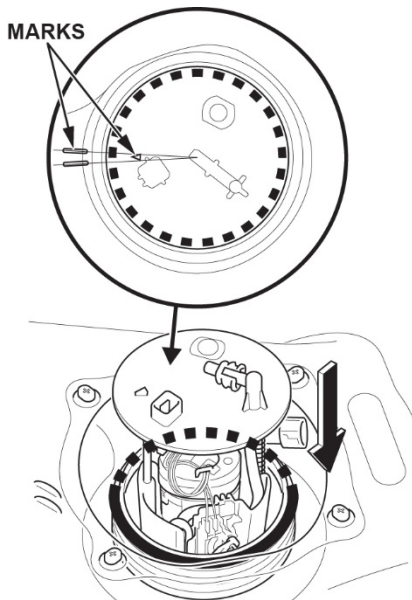
- Before installing the new base gasket, clean the fuel tank around the fuel pump opening where the base gasket will seat. The tank opening must be free of dirt, dust, and debris.
- Be careful not to damage the base gasket.
- Do not coat the base gasket with any oil.



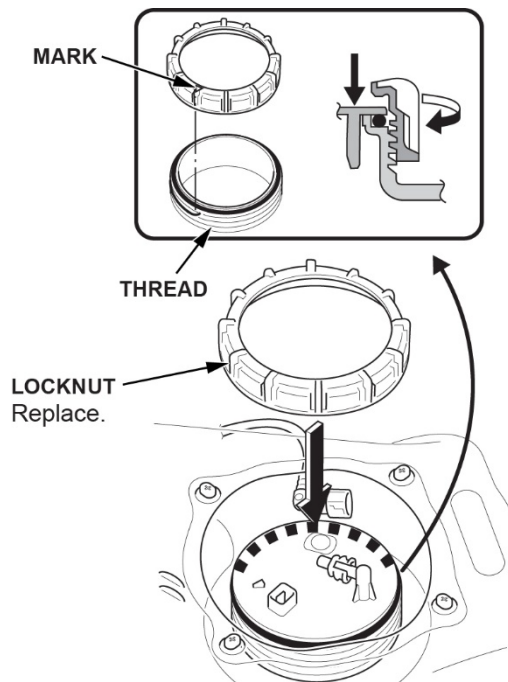
33. Line up the tab of the fuel tank unit as shown, and partially install the new fuel tank unit cam lock ring with a new gasket.

**NOTE:**

- Be careful not to damage the gasket.
- Do not coat the gasket with any oil.



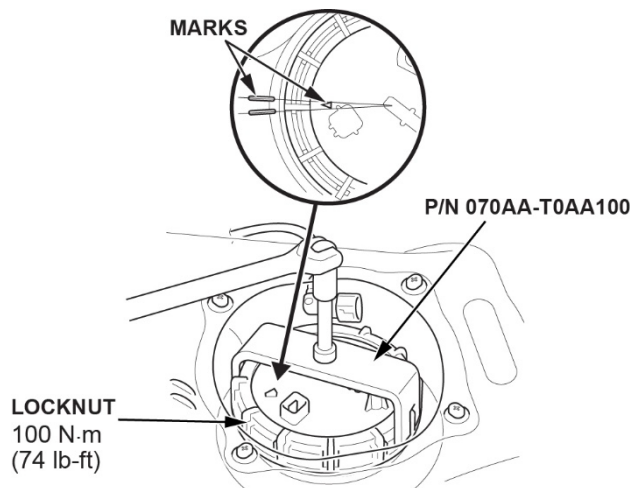
34. Align the mark on the locknut with the start of the threads on the fuel tank, then tighten a new locknut by hand while holding the fuel tank unit vertically.



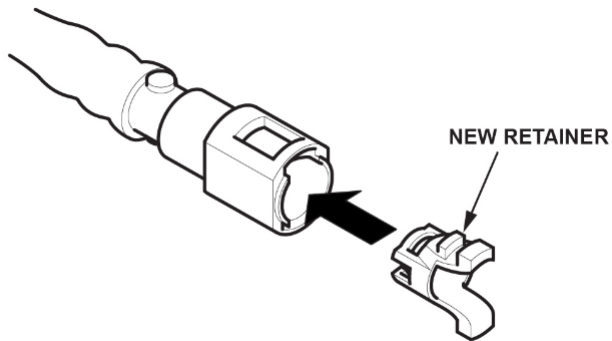
35. Tighten the locknut to 100 N·m (74 lb-ft) using the fuel sender wrench.

NOTE:

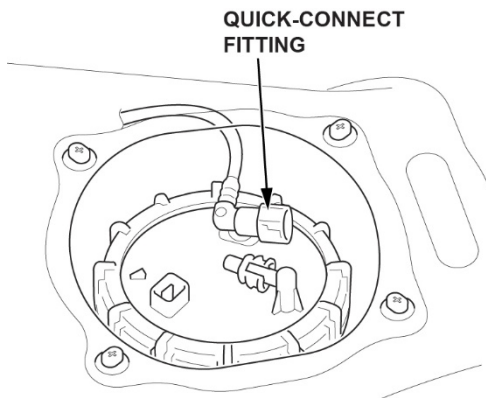
- After tightening, make sure the marks are still aligned.
- After installation, check the base gasket visually, or by hand, to make sure it is not pinched.



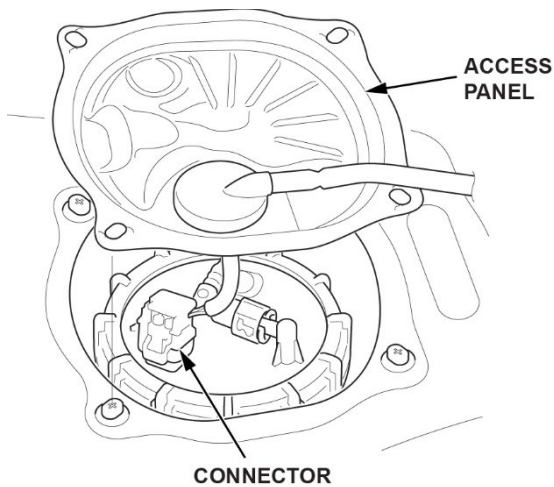
36. Replace the quick connect fitting retainer if it has been removed from the line.



37. Connect the fuel line quick-connect fitting.



38. Connect the fuel tank unit connector, but don't install the access panel at this time.



39. Connect the 12-volt battery terminals and torque to specifications at **2.9–5.9 N·m (2.1–4.4 ft-lb)**.

40. Turn the ignition to ON, but do not turn the engine on. After the fuel pump runs for about **2 seconds**, the fuel line will be pressurized. Repeat this two or three times, then make sure there is no fuel leakage.

41. Install the fuel tank unit access panel.

42. Install the remaining parts in the reverse order of removal.

43. Clear all DTCs using an i-HDS.

44. Do the VSA Sensor Neutral Position Memorization procedure.

- VSA Sensor Neutral Position Memorization, ([Click Here](#))

45. *California residents only:* Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use **FH1** 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                                                                                                                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                |                                   |                              |                          | <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                |                                   |                              |                          |                                                                                                                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Manufacturer                                                                                                                                                   |                                   |                              | Recall Number <b>FH1</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)