October 7, 2026 Version 1

Lack of Heat or Cooling from the HVAC System at startup and or DTC P0534

APPLIES TO

Year	Model	Trim Level	VIN Range
2025	Prologue	ALL	ALL

SYMPTOM

Some vehicles may experience a lack of HVAC heating output with vehicle in ON mode. This condition typically occurs at key-on when the ambient temperature is 77°F or below and may persist for approximately 15 minutes or longer. During diagnosis, technicians may find DTC P0534 (A/C Refrigerant Charge Low) stored.

POSSIBLE CAUSE

Refrigerant trapped in the external condenser may cause the system to interpret the refrigerant charge as low, resulting in the conditions listed under Symptom.

CORRECTIVE ACTION

Based on the inspection results, replace the 75 mm receiver dehydrator bottle with the 100 mm receiver dehydrator bottle and install the updated refrigerant charge label. If required, replace the A/C check valve and/or the A/C Receiver Dehydrator Auxiliary Tube.

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
6165A5	Check for A/C leaks. If any leaks are found, follow the normal troubleshooting.	0.3hr	05401	03217	A26094A	85718010
6165A4	AC Receiver Dehydrator & label inspection only	0.3hr	05401	03217	A26094B	85718010

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.

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Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
6161P2	Replace A/C Receiver Dehydrator and label (includes inspection, evac & recharge)	1.3hr	05401	03217	A26094C	85718010
A	For A/C Receiver Dehydrator Auxiliary Pipe - Add	1.2hr	05401	03217	A26094D	85718010
6161P2	Replace A/C Receiver Dehydrator label and check valve (includes inspection, evac & recharge)	1.3hr	05401	03217	A26094E	85718010
A	For A/C Receiver Dehydrator Auxiliary Pipe - Add	1.2hr	05401	03217	A26094F	85718010

PARTS INFORMATION

A/C Receiver Dehydrator Replacement Parts

Part Name	Part Number	Quantity
Seal	13579649	5
A/C Receiver Dehydrator (100mm)	85718010	1
A/C Refrigerant Charge Label	85869176	1
A/C Condenser Check Valve (If required)	13542079	1

A/C Receiver Dehydrator and Auxiliary Pipe Replacement Parts (If required)

Part Name	Part Number	Quantity
Seal	13579649	5
Seal	13579648	3
A/C Receiver Dehydrator (100 mm)	85718010	1
A/C Refrigerant Charge Label	85869176	1
A/C Receiver Dehydrator Auxiliary Tube	85078884	1
A/C Condenser Check Valve (If required)	13542079	1

REQUIRED MATERIALS

Part Name	Part Number	Quantity
BEV POE Oil, Type PZ	38899-REV-A01	1 per car

TOOL INFORMATION

Tool Name	Tool Number	Quantity
Mahle R-1234yf Recover, Recycle Recharge Machine	RTIACX2282	
Multiple Diagnostic Interface 2 (MDI2)	07-EL-52100	1
Tech Line Connect (TLC) Software Application Tool With Honda Diagnostic Package	N/A	N/A
R-1234yf Oil Injector Hose	07-GE-50745	1
A/C POE Oil Injector	07-J-45037	1

REPAIR PROCEDURE

1. Check A/C system for leaks. Refer to Job Aid: *Prologue A/C Diagnosis and Leak Check.*

   Were any leaks found?

   Yes – Repair the leak following normal troubleshooting procedures. If the original symptom persists after the leak is repaired, continue with this Service Bulletin.

   No – Continue with next step.

2. Measure the receiver dehydrator diameter.

   Is the receiver dehydrator diameter 75 mm or 100 mm?

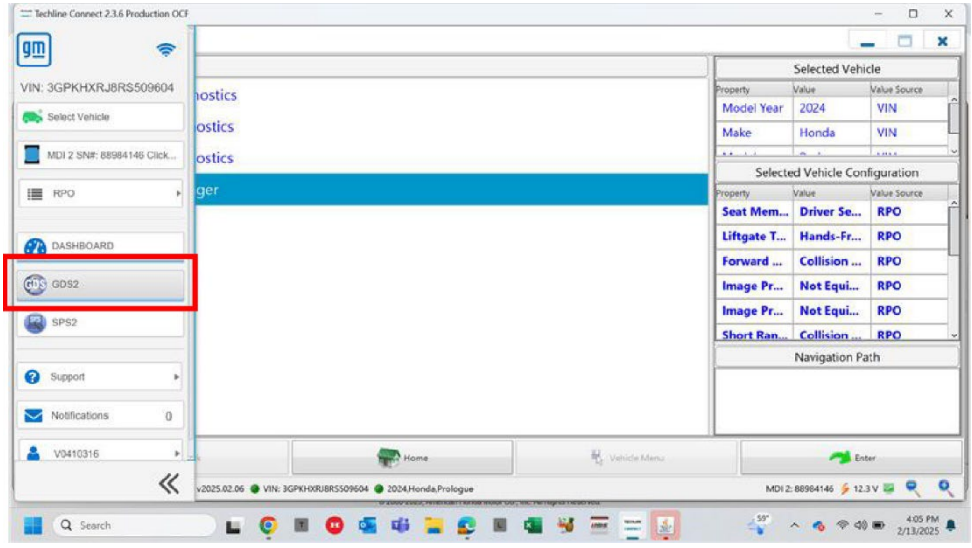
   - 75 mm (Small dehydrator) → Continue with next step.
   - 100 mm (Large dehydrator) → If the vehicle already has the 100mm, verify the updated refrigerant capacity label is installed. **See step 32**, then continue with normal troubleshooting.



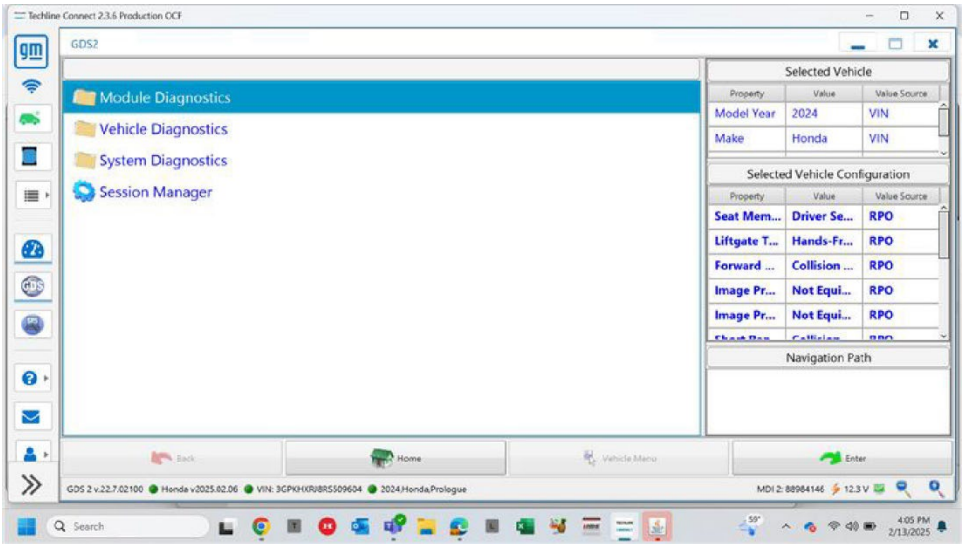


3. Launch the Tech Line Connect service diagnostic tool to command the system valves to open. Select the K16 Battery Energy control module scan tool function.

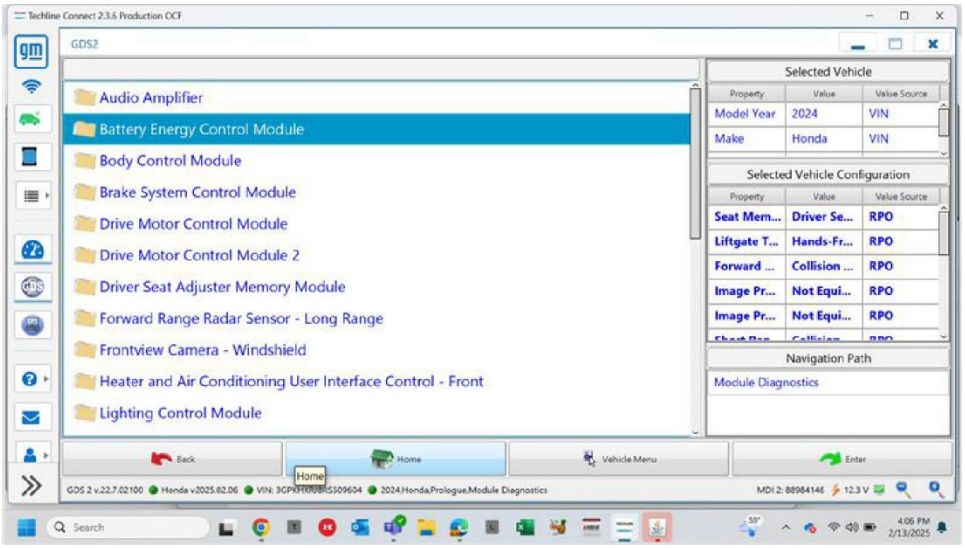
3.1 Select **GDS2**.



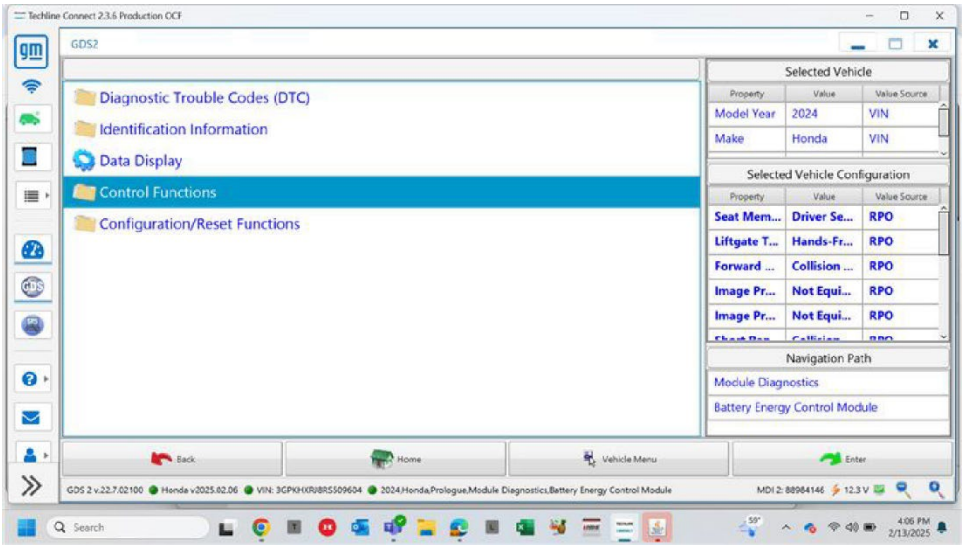
3.2 Select **Module Diagnostics**.



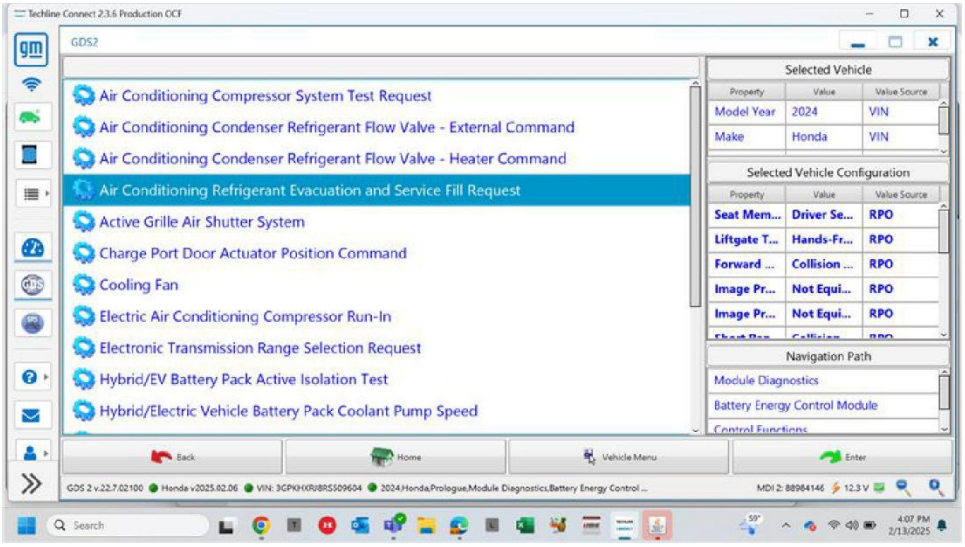
3.3 Select **Battery Energy Control Module.**



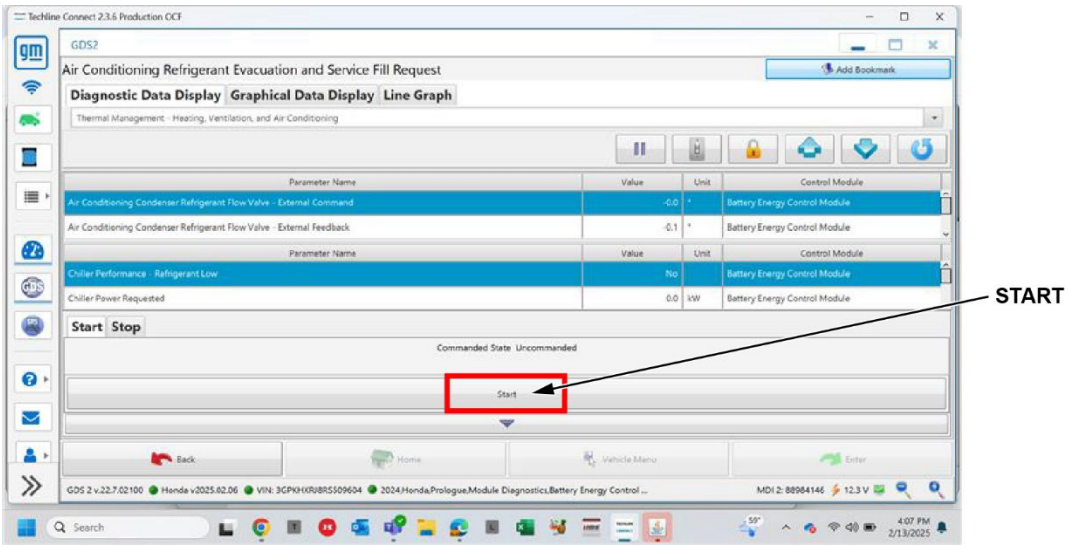
3.4 Select **Control Functions.**



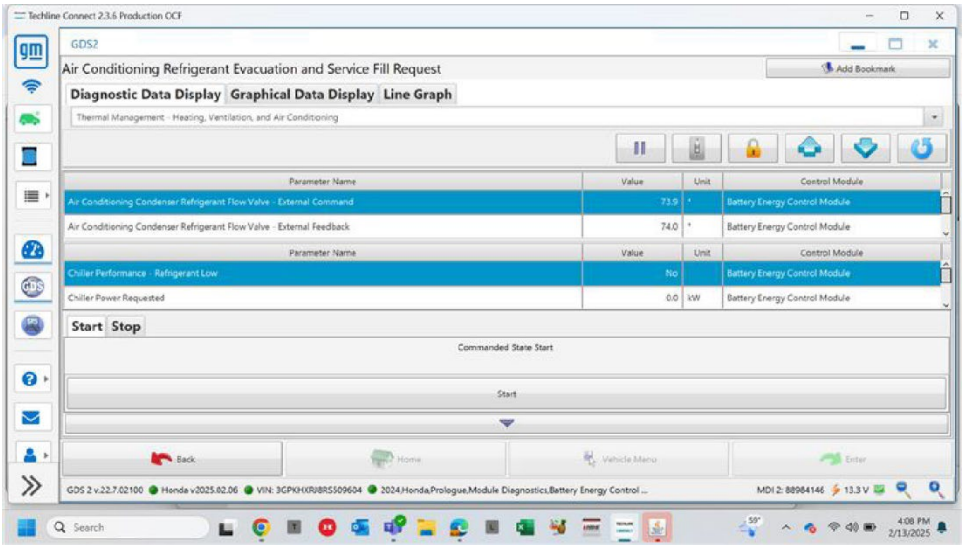
3.5 Select **Air Conditioning Refrigerant Evacuation and Service Fill Request**.



3.6 Select **Start**.



3.7 Once the valves are open, start recovering the refrigerant.



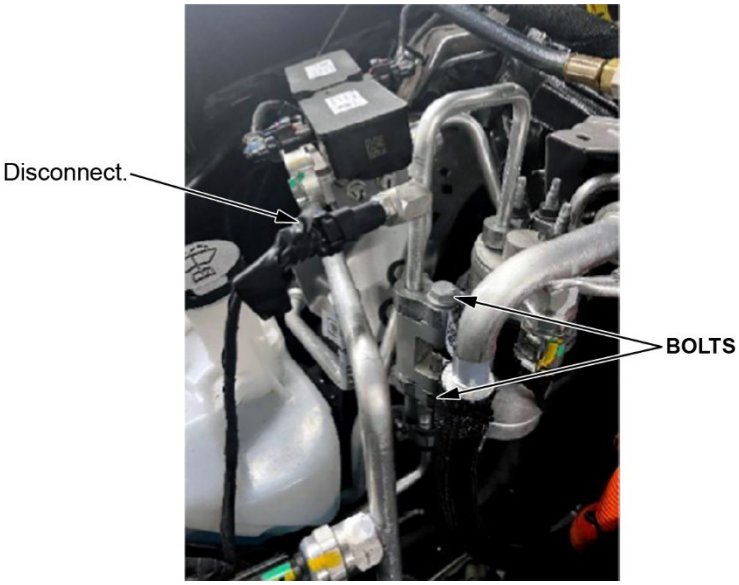
4. Recover the refrigerant using the Mahle Machine **only,** (P/N RTIACX2282). For more information refer to *Refrigerant Recovery and Recharging.*

   NOTE:

   - **DO NOT** use the Robinair machine, it will not output the correct information for recovered POE oil.
   - Record the exact amount of refrigerant oil recovered from the vehicle as the same amount of oil recovered will be needed to recharge the system. Refer to Job Aid *Prologue A/C Diagnosis and Leak Check.*

5. Remove the two A/C check valve bolts securing the A/C lines, then remove the check valve. Remove and discard the two A/C line seals.

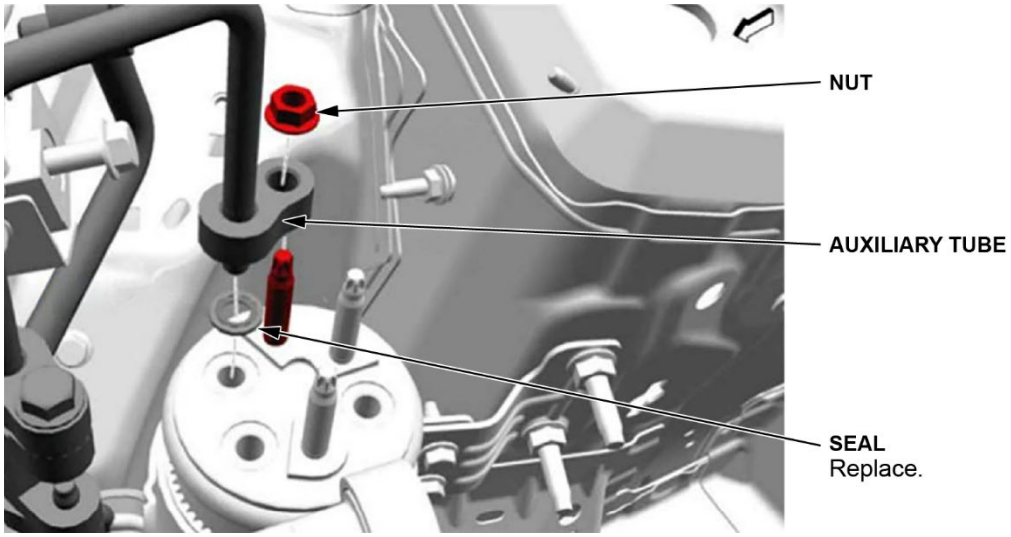
   NOTE: Replace the seals. Do not reuse the original seals.



6. Disconnect the A/C refrigerant temperature sensor connector.

7. Remove the A/C receiver dehydrator auxiliary tube, then remove and discard the seal.

   NOTE: Replace the seal. Do not reuse the original seal.

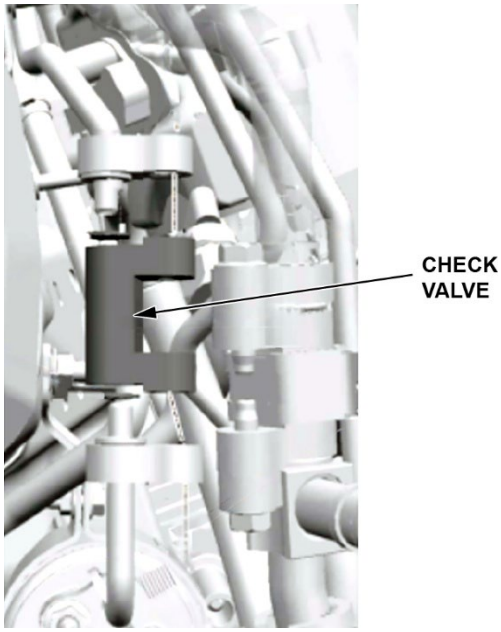


8. Inspect the pintle and spring inside the check valve for loose, damaged, or missing components by shaking the valve.

   Did the valve make noise?

   Yes – Replace check valve, then continue to next step.

   No – Continue with next step.

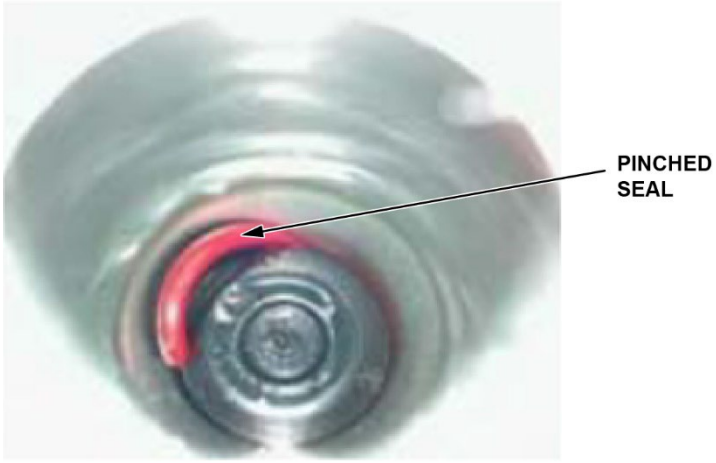


9. Verify that the check valve seals are not pinched or cut.

   Did you see any pinched or cut seals?

   Yes – Replace check valve, then continue to next step.

   No – Continue with next step.



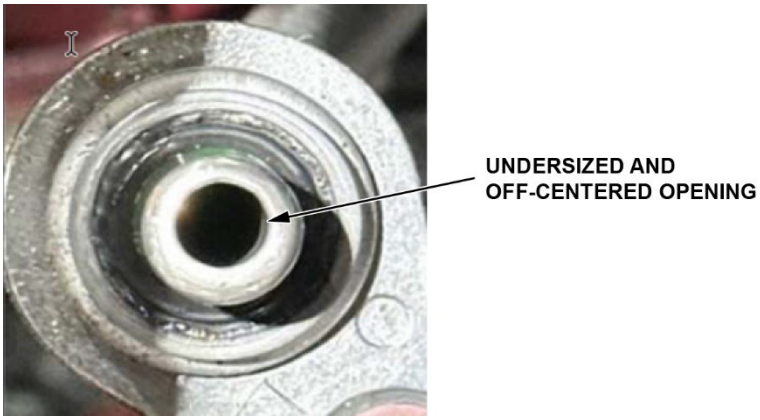
10. Inspect and measure the opening of the lower line connected to the A/C check valve.

    NOTE: A clean 6 mm drill bit can be used to verify that the hole is 6 mm or larger.

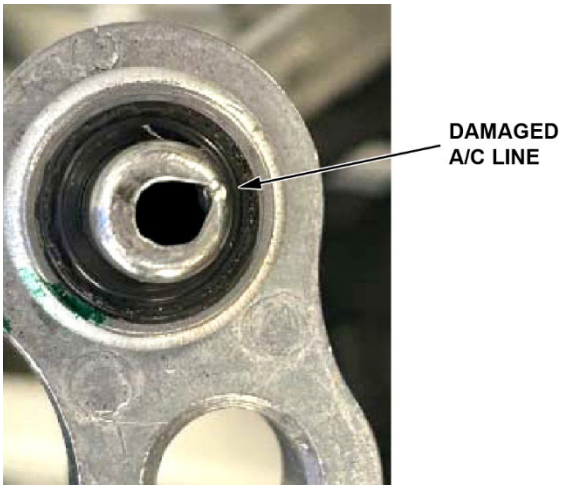
    Is the opening less than 6 mm and/or off-center?

    YES- Continue to next step.

    NO- Go to step 28 and replace the receiver-dehydrator bottle.



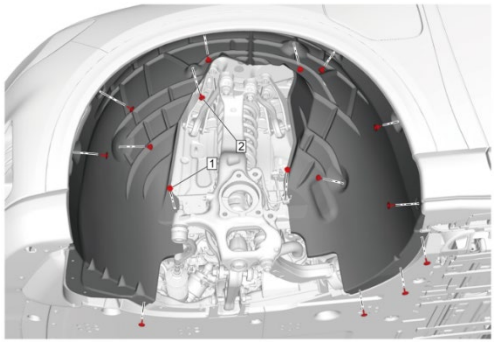
Example.



11. Remove both front wheels.

    NOTE: During installation, tighten the wheel nuts to 190 N·m (140 lb-ft).

12. Remove the left and right *Front Wheelhouse Liner*.



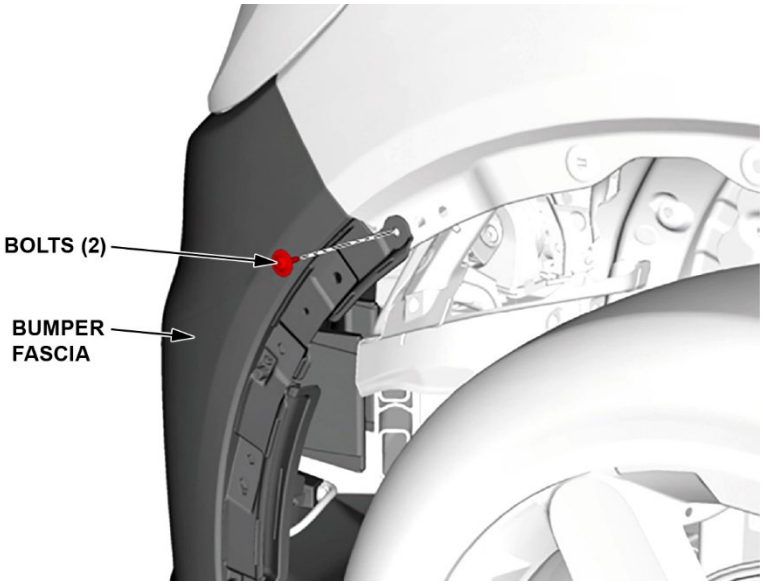
13. Remove the left and right front wheel opening moldings. Refer to step 8 of *Front Wheel Opening Molding Retainers*.

    NOTE:

    - To prevent damage to the fender clips, insert a 7 mm socket from the back side of the fender and bumper cover to release each clip.
    - Apply masking tape around the molding before removal to help prevent paint damage.

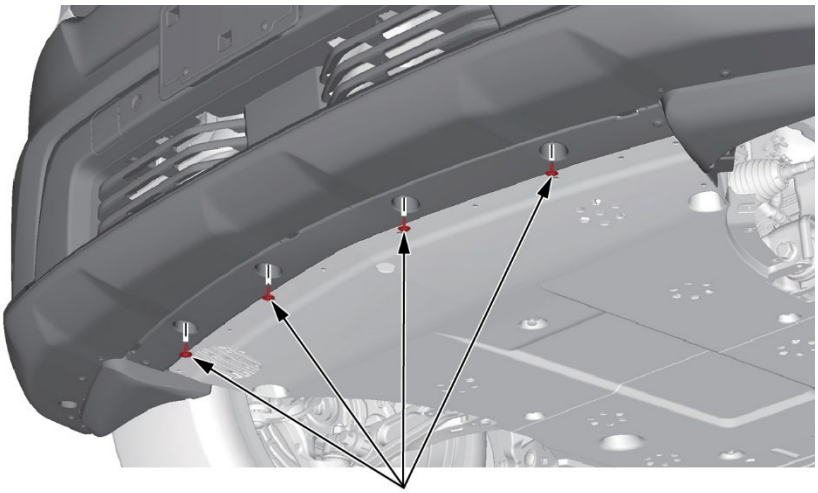


14. Remove the left and right front bumper fascia bolts.

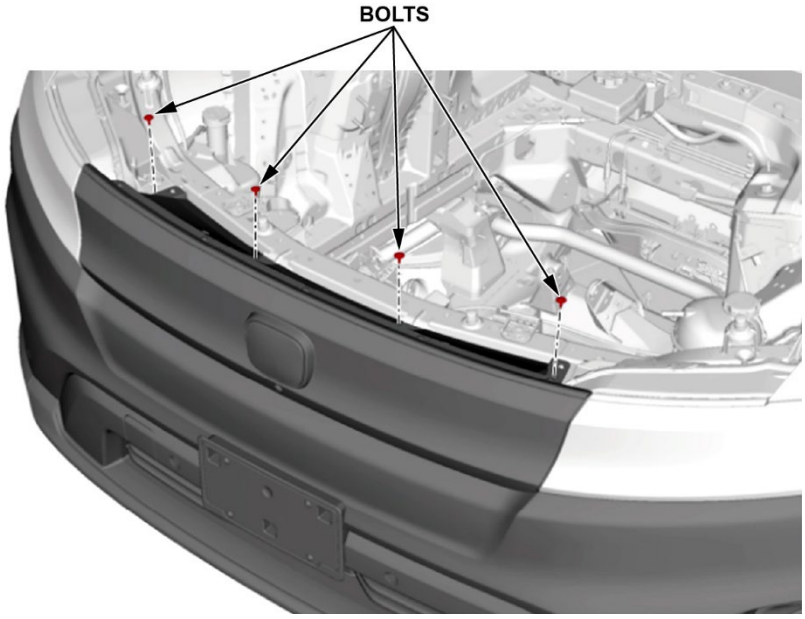


15. Remove the front compartment insulator bolts shown.

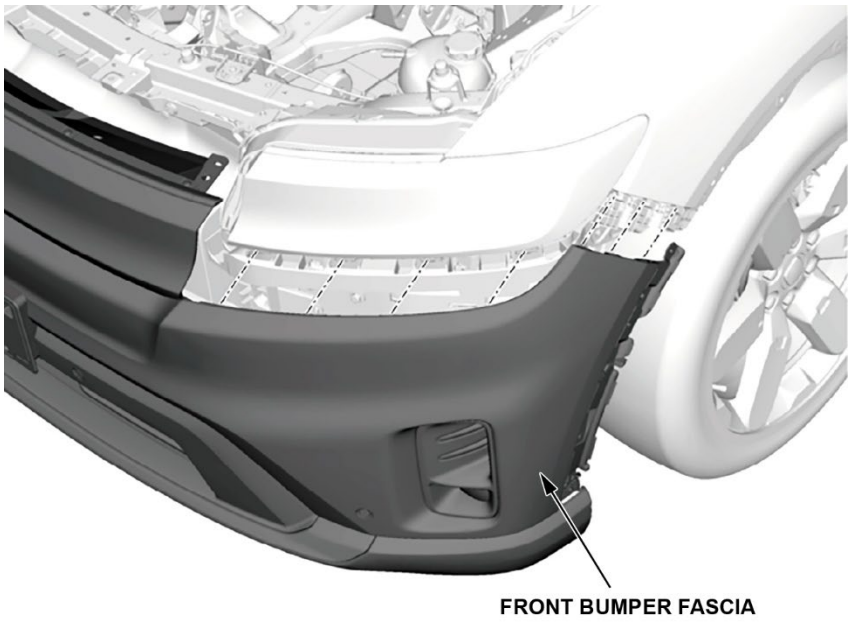
    NOTE: Remove only the four front bolts indicated in the illustration.



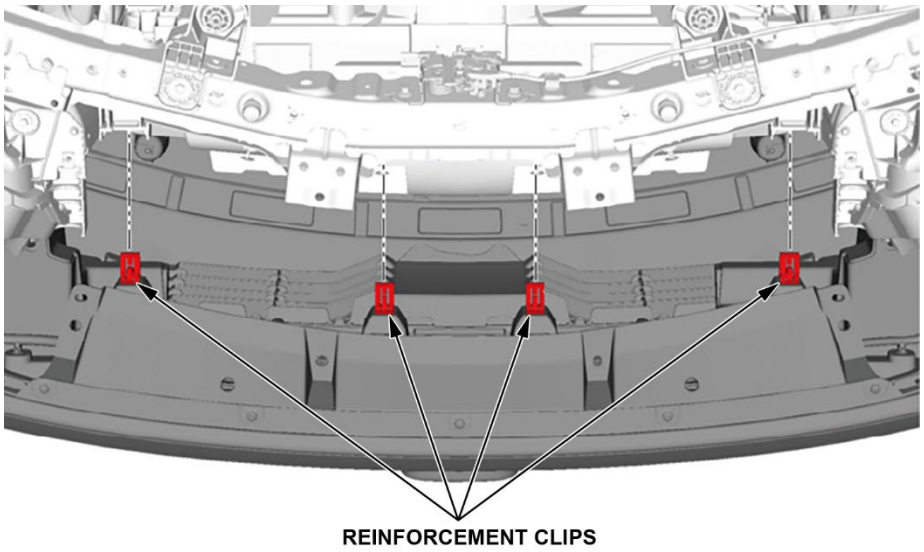
16. Remove the front bumper fascia upper bolts as shown.



17. Carefully insert a small flat-bladed trim tool into the fascia slots. Press the snaps one at a time while gently pulling outward to gradually release the front bumper fascia.



18. Release the four front bumper fascia reinforcement clips as shown.

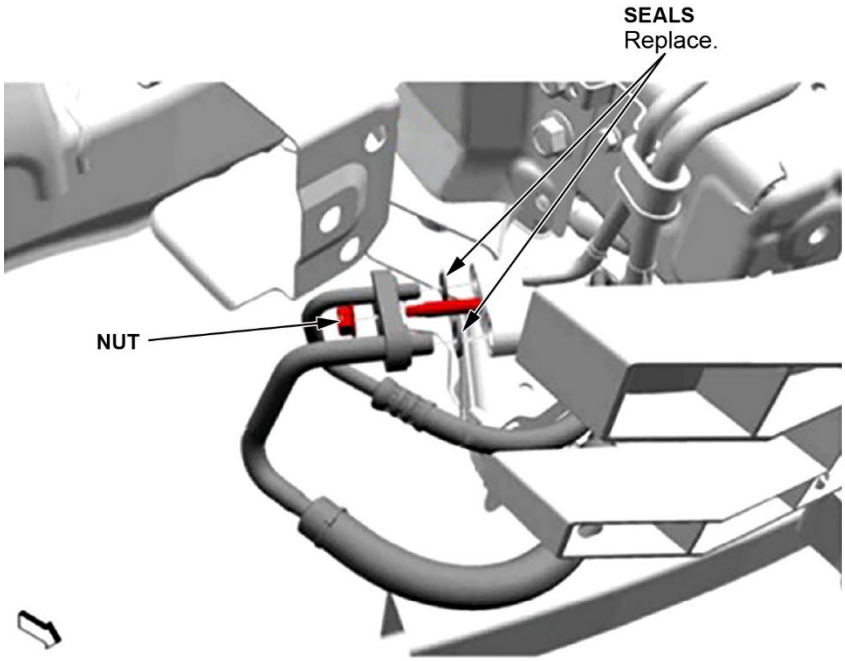


19. Disconnect any electrical connectors as necessary.
20. With the help of an assistant, remove the front bumper fascia.

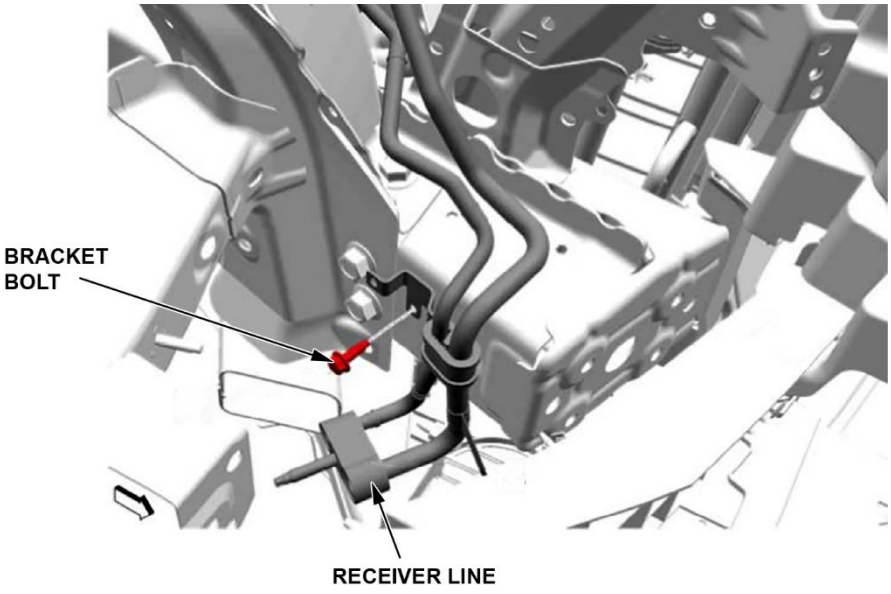


21. Remove the nut securing the lower A/C receiver lines, then remove and discard the seals.

    NOTE: Replace the seals. Do not reuse the original seals.

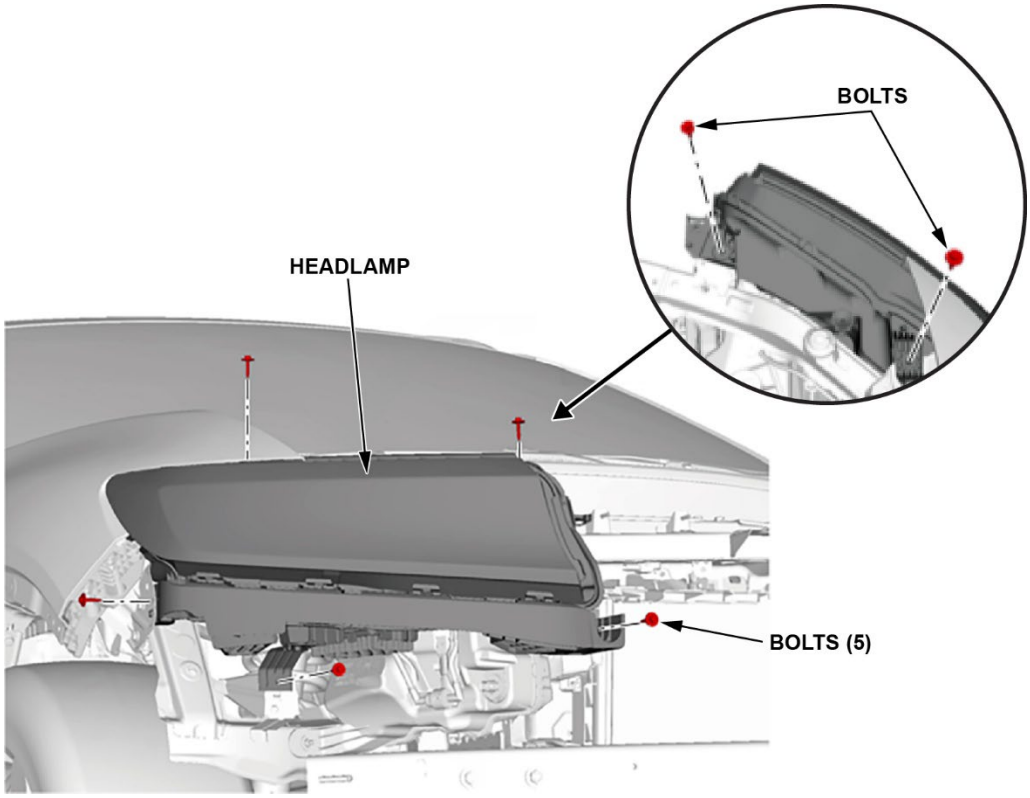


22. Remove the A/C receiver line bracket bolt.

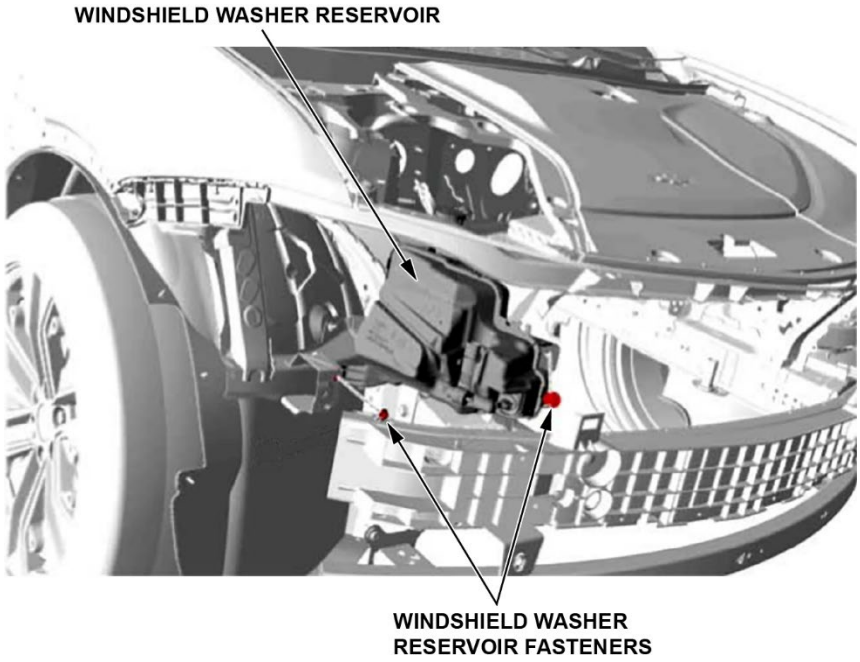


23. Remove the five headlamp fasteners. Disconnect the electrical connector, then remove the front headlamp assembly.

    NOTE: Support the headlamp assembly during removal to prevent damage.

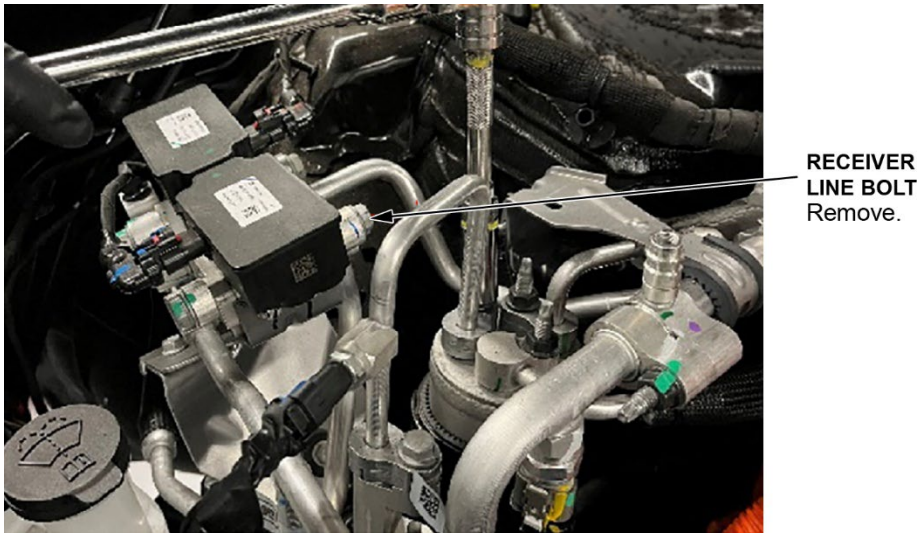


24. Remove the windshield washer reservoir fasteners. Disconnect the windshield washer hose, rear window washer hose, and any necessary electrical connectors or wire harnesses, then remove the windshield washer reservoir.

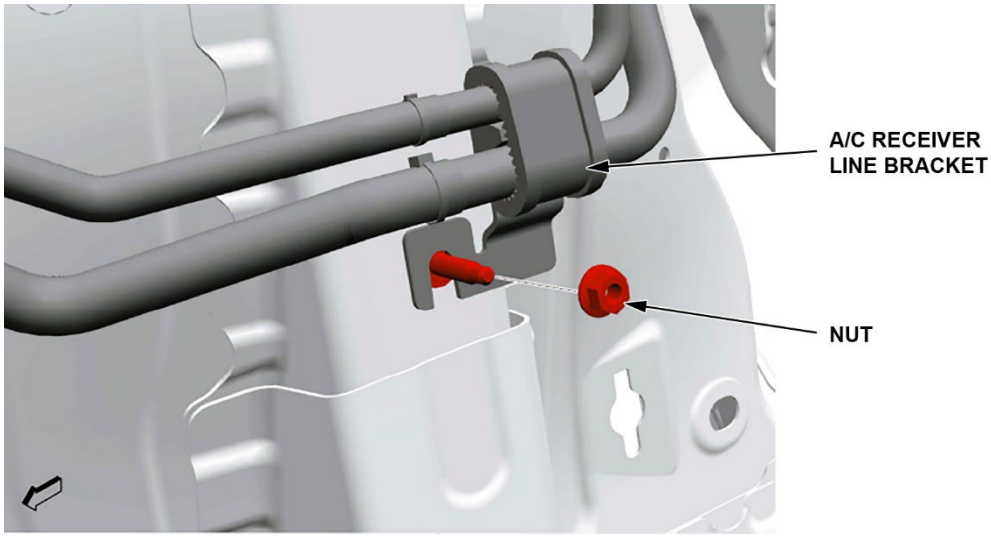


25. Disconnect upper A/C receiver line bolt and discard the seals.

    NOTE**:** Replace the seals. Do not reuse the original seals.



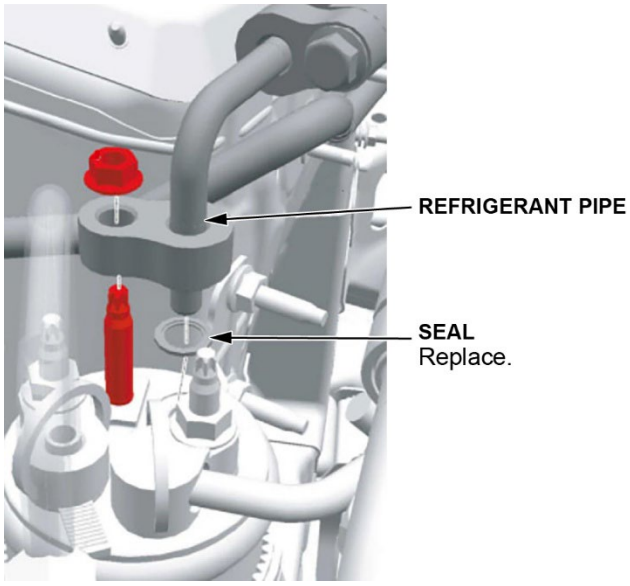
26. Remove A/C receiver line bracket bolt.



27. Remove and discard the A/C receiver line, then install a new A/C receiver line.

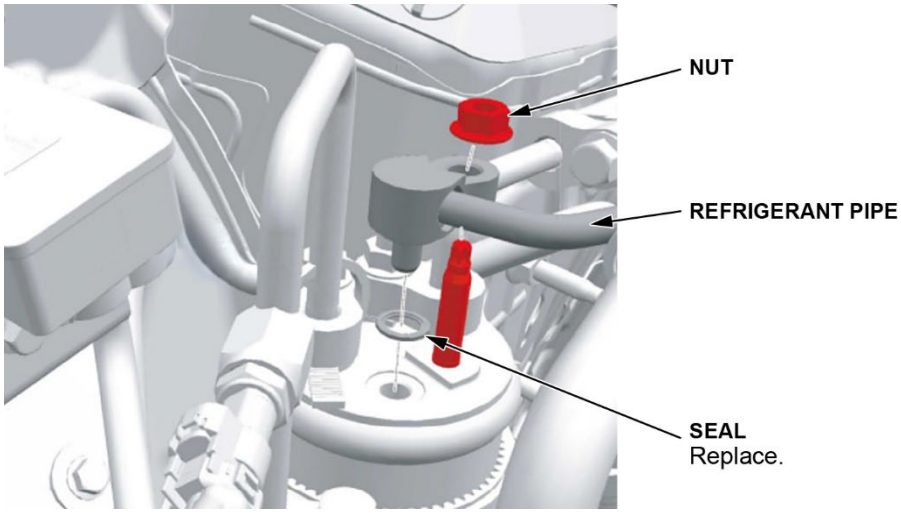
28. Remove the A/C evaporator and blower module refrigerant pipe, then remove and discard the seal.

    NOTE: Replace the seals. Do not reuse the original seals.

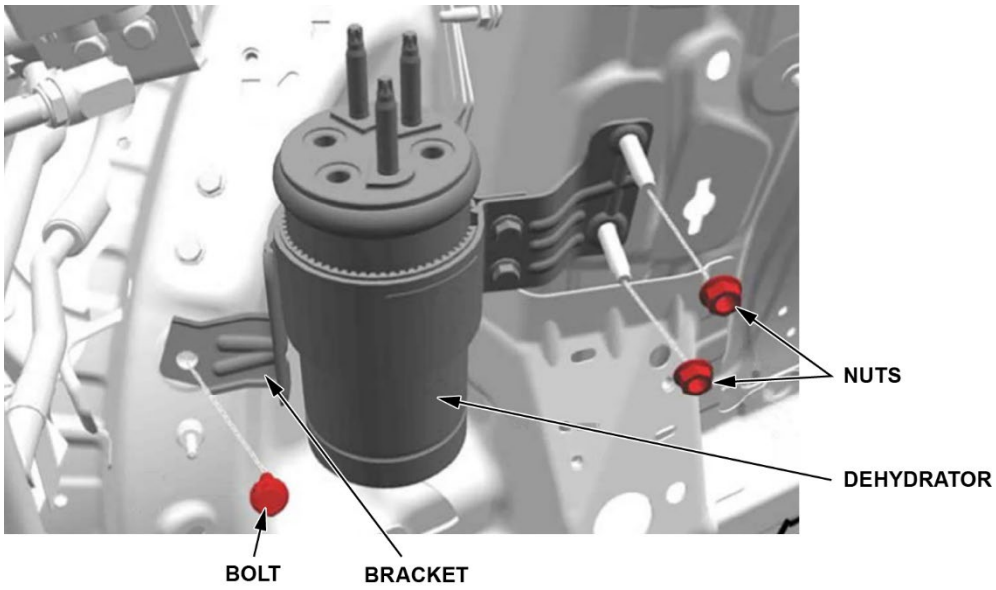


29. Remove the A/C evaporator and blower module refrigerant pipe, then remove and discard the seal.

    NOTE: Replace the seal. Do not reuse the original seal.

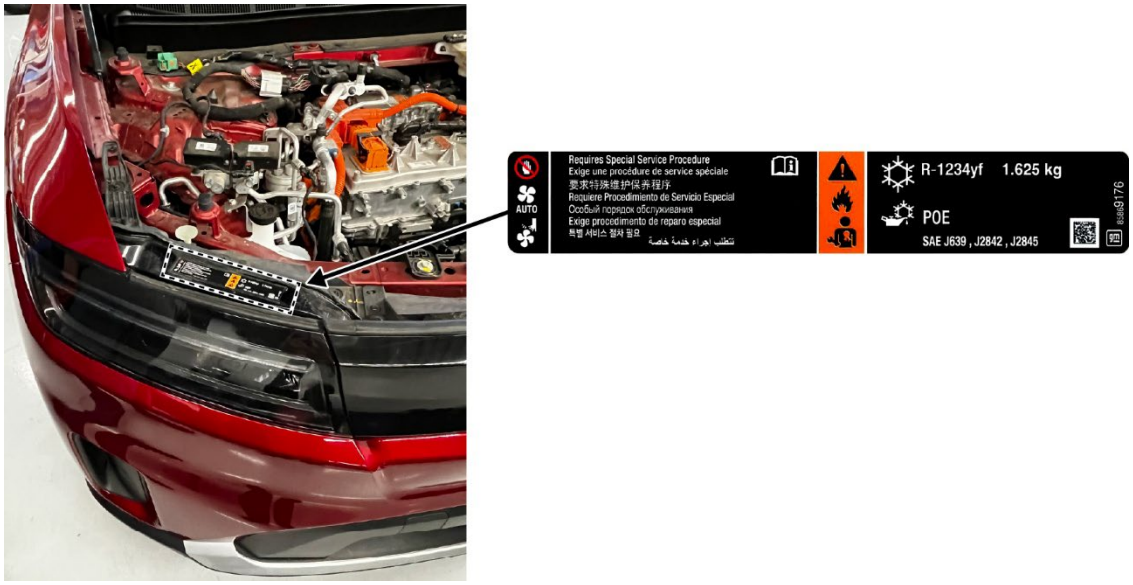


30. Remove the A/C receiver and dehydrator bracket fasteners.



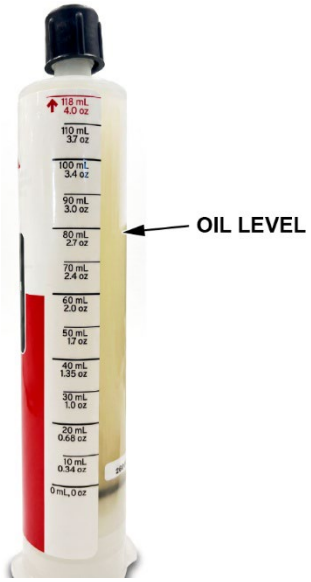
31. Install the new 100 mm A/C receiver and dehydrator. Then, install all the remaining parts in the reverse order of removal.

32. Clean the area shown below using isopropyl alcohol and a clean shop towel. Allow the alcohol to dry, then install the new refrigerant charge label over the existing label.



Recharge the AC system and replace the extracted oil:

1. Use the printout from the Mahle machine to determine how much oil to install.
2. Current POE bottles have level markings to measure fluid. Use an oil injector to install the recommended amount of oil.



3. Launch the TechLine Connect service diagnostic tool to command the system valves to open.
4. Following the instructions on the Mahle machine screen prompts to add the POE oil and refrigerant back into the system.
5. Use the A/C POE Oil Injector (P/N 07-J-45037) with the R-1234yf AC Oil Injector hose (P/N 07-GE-50745).

   NOTE: **DO NOT** use the HONDA R-1234yf POE Oil Injector hose.