Safety Recall: 2004–05 S2000 Fuel Flange Joint Inspection

APPLIES TO

Year	Model	Trim Level	VIN Range
2004–05	S2000	ALL	Check iN VIN status for eligibility.

BACKGROUND

A small number of fuel flange joint service parts may have been manufactured without the required brazing material at the joint-to-flange connection. This condition may allow the press-fit connection to loosen and separate, resulting in fuel leakage, reduced fuel pressure, an engine stall while driving, or a no-restart condition. An engine stall while driving may increase the risk of a crash or injury.

OWNER NOTIFICATION

Owners of affected vehicles will be sent a notification of this safety recall.

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 used vehicle inventory.

Failure to repair a vehicle subject to a safety recall or campaign may subject your dealership to claims or lawsuits from the owner 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

Inspect the fuel flange joint. If it fails inspection, replace it.

WARRANTY CLAIM INFORMATION

NOTE: Each warranty claim must include the same photos (or PDF) image submitted to the Repair Verification Team. If the photos are not included, the claim may not be processed or may be subject to a claim debit.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
3105J6	Inspect the fuel flange joint, upload images, contact RVT. No further action required.	0.4hr	6JW00	LQD00	A26093A	16623-PCX-003
3101JY	Inspect the fuel flange joint, upload images, contact RVT. Replace the fuel joint. Perform ALL DTC Check and clear.	0.9hr			A26093B	

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PARTS INFORMATION

Part Name		Part Number	Quantity
Kit, Fuel Flange Joint	Joint, Fuel Flange 	06160-PCX-305	1
	Gasket, Pulsation Damper 		
	Aluminum Washer, Sealing 12 mm 		
	O-ring, Fuel Joint 		
Gasket, Pulsation Damper		16705-PD1-003	1
Aluminum Washer, Sealing 12 mm		90428-PD6-003	1

MATERIAL INFORMATION

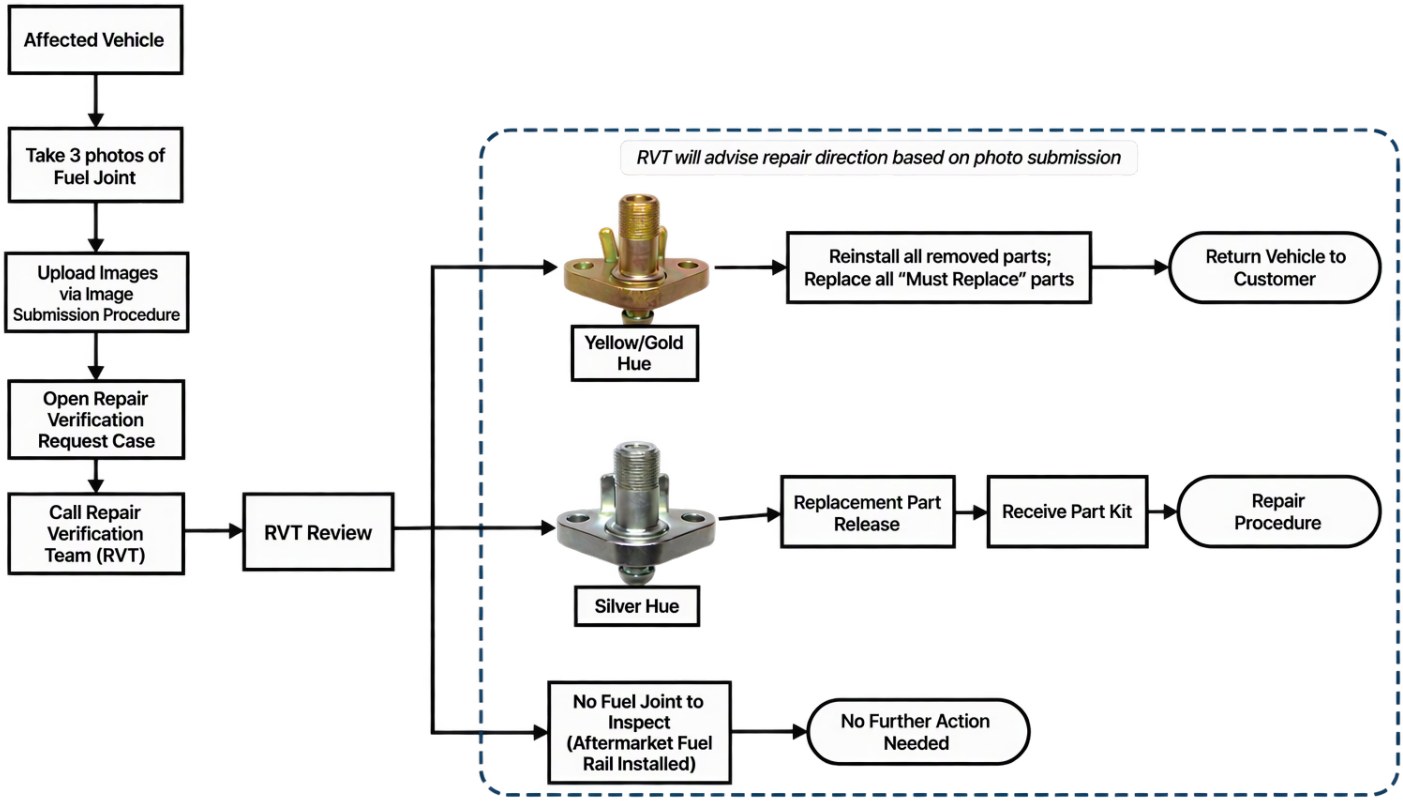
Material	Quantity
Electrical Tape (Commercially available)	1

TOOL INFORMATION

Tool Description	Tool Number	Quantity
Torx T30W Socket	Commercially available	1

NOTE: Torx T30W Socket is highly recommended.

HIGH LEVEL OVERVIEW



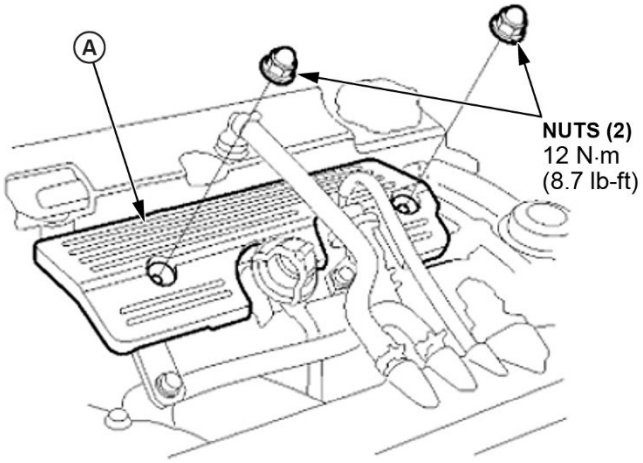
Bulletin Objectives:

- Follow the inspection procedure to expose the fuel joint.
- Take photos of the fuel joint.

  NOTE: The photos uploaded when completing the Fuel Flange Joint Verification Request will also need to be submitted with the warranty claim.
- Complete the Fuel Flange Joint Verification Request to upload photos.
- Open a Repair Verification Request, then contact the Repair Verification Team for further instructions.

INSPECTION PROCEDURE

1. Remove the fuel rail cover (A) and set it aside.



2. Inspect the fuel rail (A) and fuel supply line (B).

   Does the vehicle have an aftermarket fuel rail and/or fuel supply line?

   YES – Go to **COMPLETING THE FUEL FLANGE JOINT VERIFICATION REQUEST.**

   NO – Go to the next step.



Steps 3 through 6 are required only if the vehicle is equipped with the original factory audio unit and the customer **DOES NOT** have the anti-theft code available. These steps are necessary to retrieve the anti-theft code.

For vehicles equipped with an aftermarket audio unit or if the original factory radio is equipped with its anti-theft code available, continue to **step 7**.

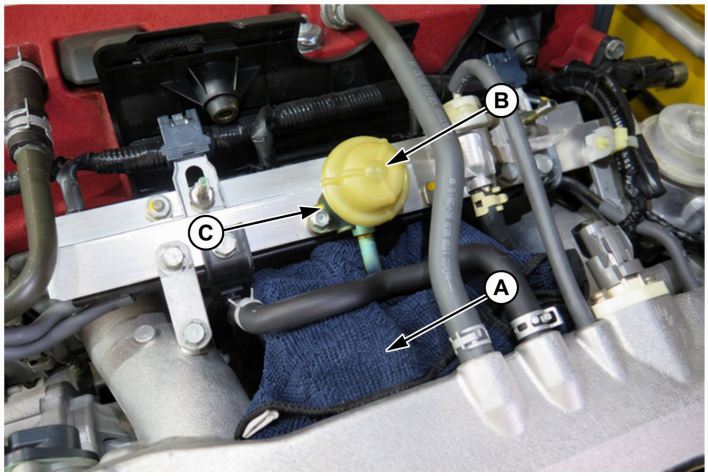
3. Record the audio unit radio presets.
4. Turn the vehicle to the **ON** mode, and turn **OFF** the audio unit if it is on.
5. Push and hold the **No. 1** and **6** preset buttons on the audio unit, then turn **ON** the audio unit.
6. Record the serial numbers displayed on the screen. The display will alternate between two screens:
   - U#### – the first four digits of the serial number (for example, U**2200**)
   - L#### – the last four digits of the serial number (for example, L**0055**)

   Disregard the **U** and **L** prefixes, and record all eight digits of the serial number. Use this serial number to retrieve the audio unit's anti-theft code from iN.
7. Disconnect the 12-volt battery terminal Battery Terminal Disconnection and Reconnection.

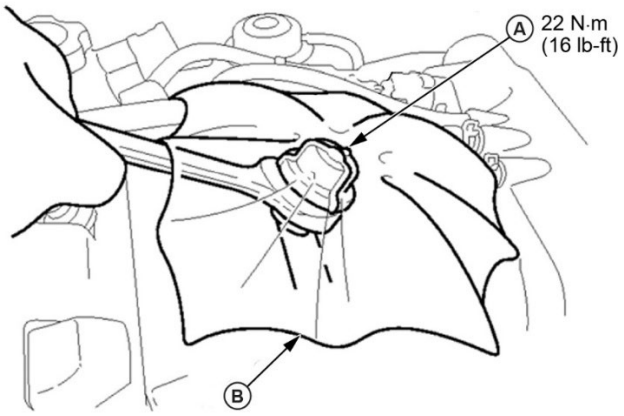
⚠ WARNING

Removing the fuel pulsation damper exposes fuel, creating a risk of fire or explosion if the fuel ignites. This can result in serious injury or death. Always work in a well-ventilated area, and keep sparks and open flames away.

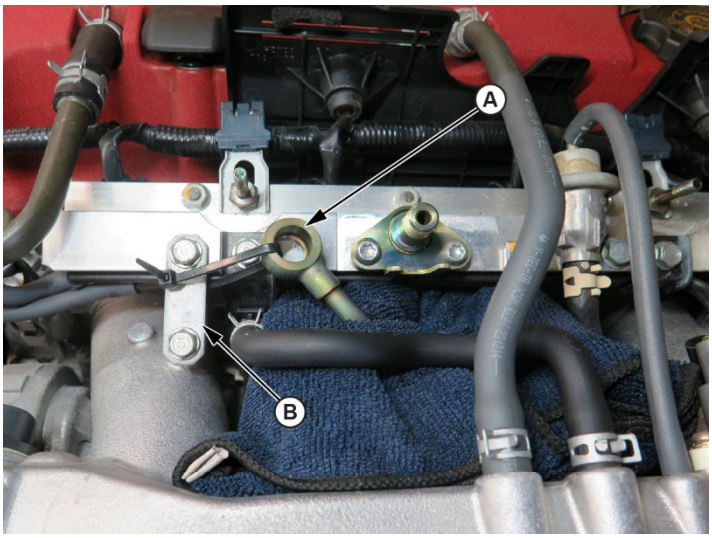
8. Place a shop towel (A) under the fuel rail around the fuel pulsation damper (B). Clean any residue or debris from the fuel rail around the fuel joint (C).



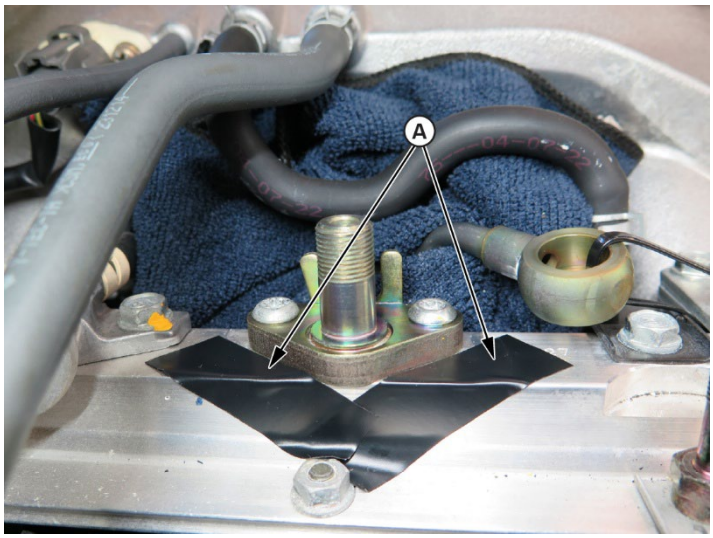
9. Use a 22 mm wrench on the fuel pulsation damper (A) at the fuel rail. Place a shop towel (B) over the fuel pulsation damper, then slowly turn the wrench counterclockwise to remove the damper.



10. Remove the fuel feed hose (A) and secure the hose to the fuel rail bracket (B) with a cable tie.



11. Apply two strips of electrical tape (A) next to the fuel flange joint. The tape will help identify the hue of the fuel flange joint.



12. Proceed to the **COMPLETING THE FUEL FLANGE JOINT VERIFICATION REQUEST**. The Repair Verification Team will review the submitted photos and advise on the appropriate next steps.

COMPLETING THE FUEL FLANGE JOINT VERIFICATION REQUEST

1. Take clear, well-lit photos of the applicable component(s):
   - Clean any residue or debris from the fuel rail around the fuel joint before taking photo(s).
   - **Fuel Flange Joint:** Take photos from three different angles as shown in the examples below.
   - **Aftermarket Fuel Rail and/or Fuel Supply Line**: Take photos from three different angles that clearly show the aftermarket component(s).

   Photo Angle Examples:



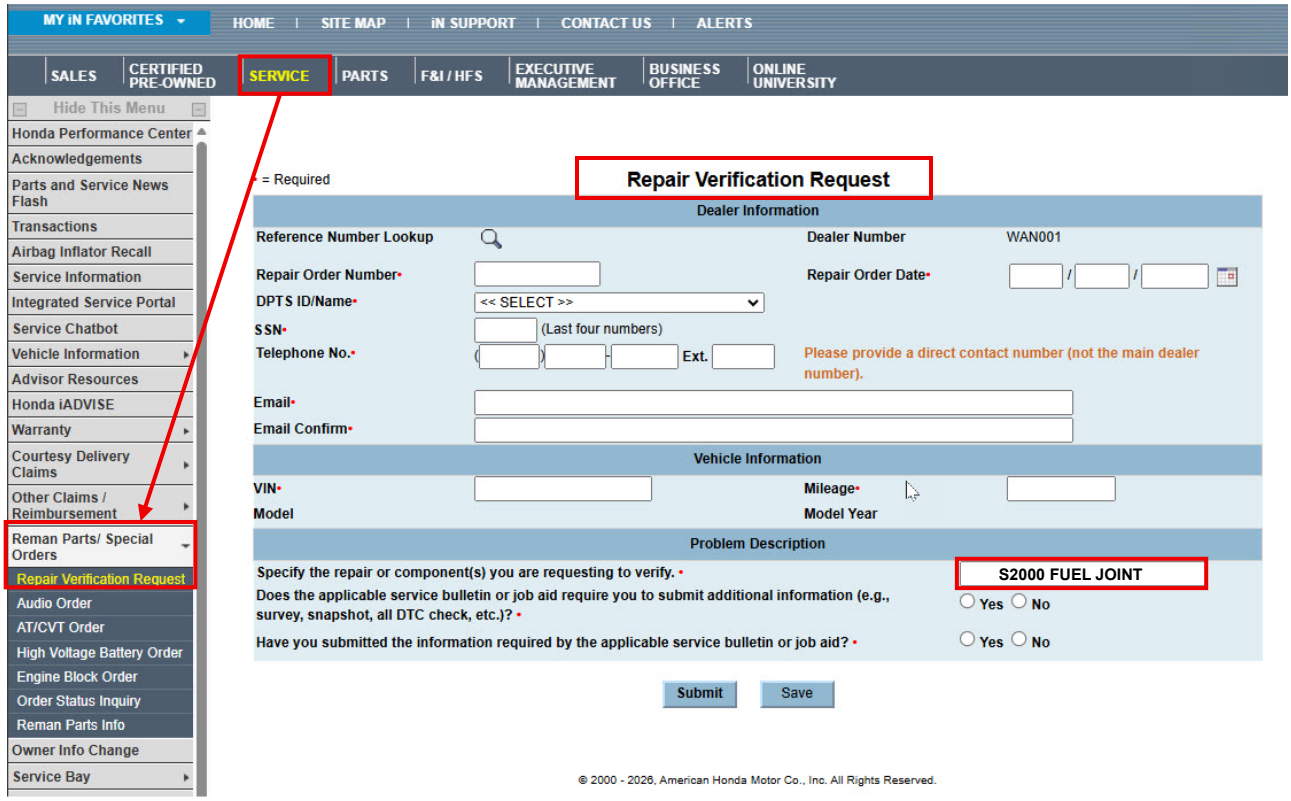
2. To complete the verification request, scan the QR code below or use the link to submit your photos for inspection: S2000 Fuel Flange Joint

   The Repair Verification Team will review the submitted photos. Based on their assessment, one of the following actions will be provided:
   - You will be instructed to return the vehicle back to its original condition; or
   - A replacement joint will be allocated.
3. Proceed to **CREATING A CASE REFERENCE NUMBER AND CALLING THE REPAIR VERIFICATION TEAM** on the next page.

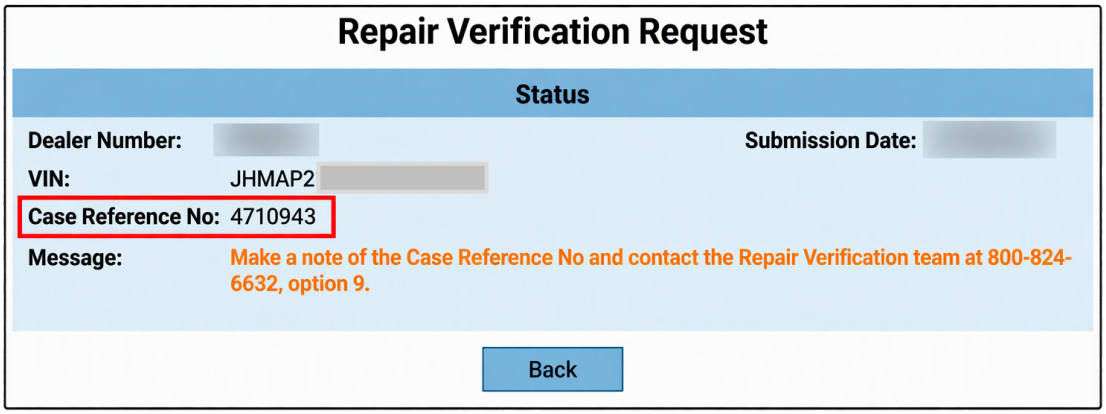
CREATING A CASE REFERENCE NUMBER AND CALLING THE REPAIR VERIFICATION TEAM

Log in to the Interactive Network (iN):

1. The pathway is: **SERVICE > Reman Parts / Special Orders > Repair Verification Request**.
2. Input the required information on the Repair Verification Request form.
3. In the "*Specify the repair or component(s) you are requesting to verify.*" field, enter **S2000 FUEL JOINT**.



4. Submit the request to create a case and document the **7-digit Case Reference No.**

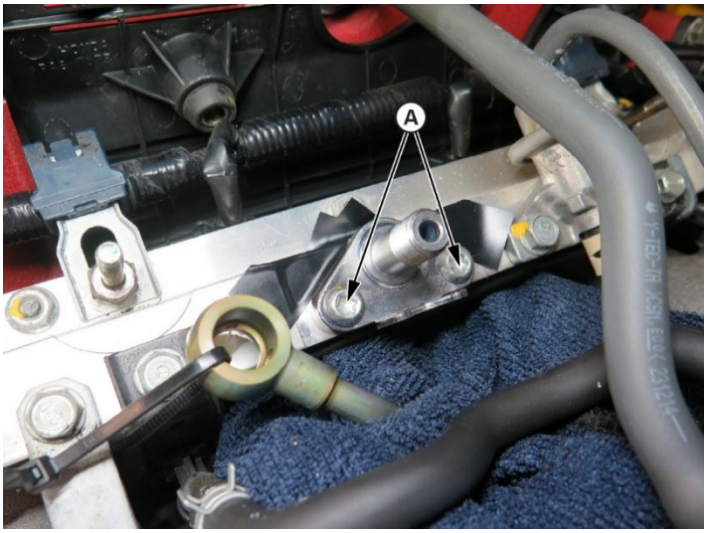


5. Contact the Repair Verification Team (RVT) at (800) 824-6632 and select option 9 to speak with an agent. The agent will review the information you provided in the Fuel Flange Joint Verification Request, then advise on next steps.

REPAIR PROCEDURE

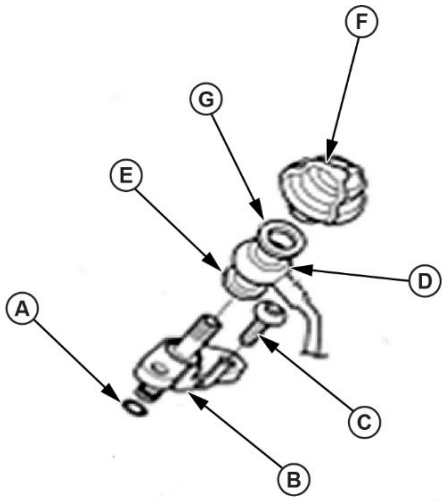
1. Use a T30W Torx socket, remove the 2 Torx bolts (A) securing the fuel flange joint.

   NOTE: Using a T30W socket is highly recommended.



2. Discard the original fuel joint, aluminum washer, gasket, and O-ring.
3. Install a **new** O-ring (A) from the parts kit onto the **new** fuel joint (B).
   - 3.1 Apply a small amount of clean engine oil to the O-ring.
   - 3.2 Install the **new** fuel joint onto the fuel rail with the two Torx bolts (C). Tighten the Torx bolts to the specified torque of **12 N·m (8.8 lb-ft)**.
   - 3.3 Install a **new** aluminum washer (E) onto the fuel joint, then install the fuel feed hose (D).
   - 3.4 Reinstall the fuel pulsation damper (F) onto the fuel joint with a **new** gasket (G). Tighten the fuel pulsation damper to the specified torque of **22 N·m (16 lb-ft).**

     NOTE: Make sure to install the aluminum washer and gasket in their correct locations.



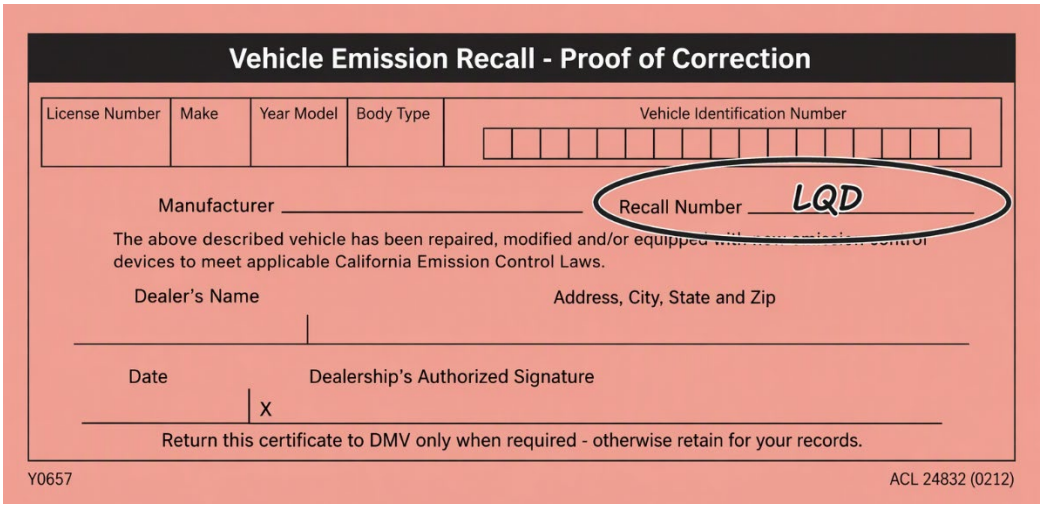
Remove the shop towel placed under the fuel rail in step 8 of the Inspection Procedure.

4. Reconnect the 12-volt battery terminal Battery Terminal Disconnection and Reconnection.
5. Turn the ignition to the **ON** mode and allow the fuel supply system to pressurize.
6. Inspect the joint, feed hose, and pulsation damper area for fuel leaks.

- If a leak is found, turn the ignition switch to **OFF** mode. Correct the leak before proceeding further. Then, recheck for fuel leaks.
- If no leak is present, proceed to the next step.

7. Reinstall the fuel rail cover. Tighten the nuts to **12 N·m (8.8 lb-ft)**.
8. If the vehicle has an original factory audio, enter the anti-theft code. Then, program the radio station presets and set the clock.
9. Do the ECM Idle Learn Procedure.

   NOTE: The EPS warning indicator with EPS DTC 22 (Vehicle Speed Signal) may trigger during this procedure. This is normal but requires the DTC to be cleared with HDS.
10. Do an All-DTC Check and clear any DTCs.
11. ***California residents only:*** Fill out a Vehicle Emissions Recall – Proof of Correction certificate and use ***LQD*** 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

Manufacturer _____ Recall Number LQD

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)