



Technical Service Bulletin

GROUP

RECALL

NUMBER

26-01-056G

DATE

JUNE 2026

MODEL(S)

SEE BELOW

SUBJECT:

FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)

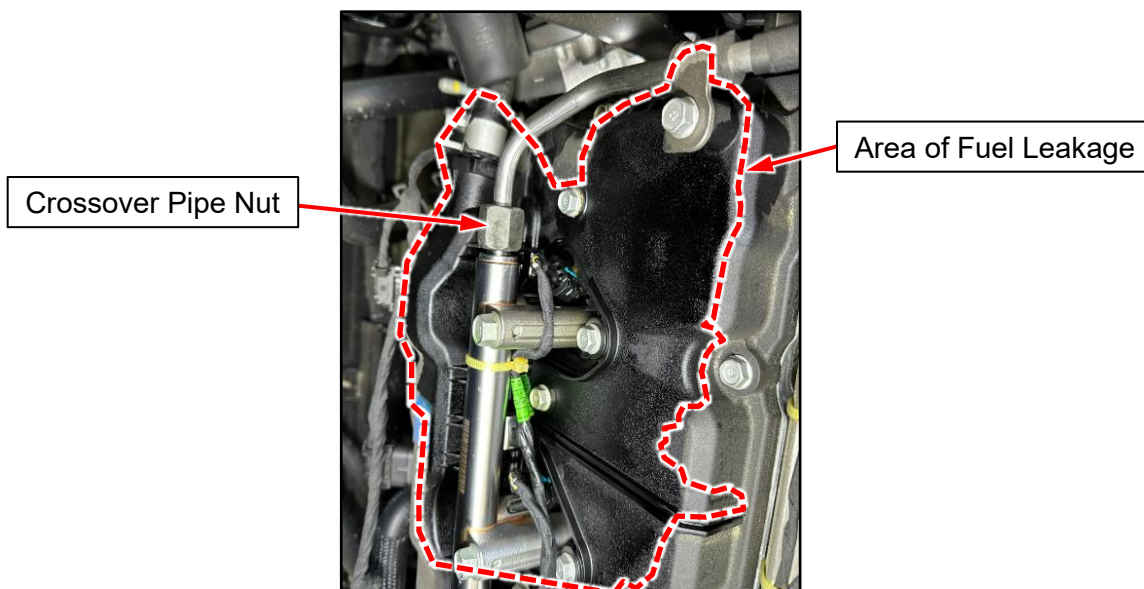
★ IMPORTANT

Vehicle repairs related to safety recalls are critically important and must be performed properly in accordance with TSB procedures. Review this bulletin in its entirety prior to beginning any repair work.

As required by federal law, retailers must not deliver new vehicles for sale or for lease to guests until all open recalls have been performed. Retailers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into guest use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the "Vehicle Information" screen via WebDCS to identify open recalls.

Description: Certain vehicles equipped with the 3.5L T-GDI Lambda III engine crossover fuel pipe connecting the left and right fuel rails of the engine may have been installed with retention fasteners that can gradually loosen over time. A fuel pipe with loose connections could allow fuel to leak, increasing the risk of an engine compartment fire. This bulletin provides instructions to inspect and retighten the crossover fuel pipe, as necessary. If a fuel leak is found, the crossover pipe will need to be replaced and tightened to specification.

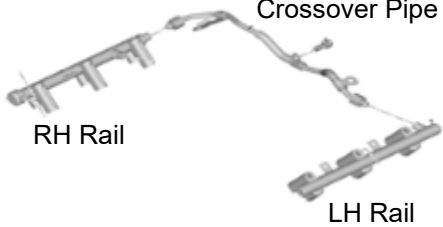
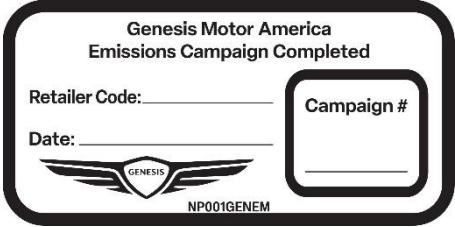
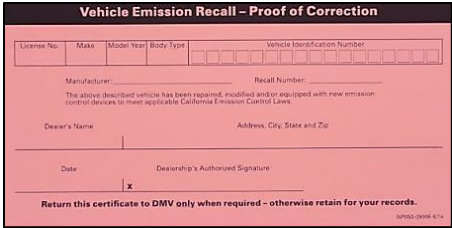


Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)****Applicable Vehicles (Certain):**

Model Year	Model	Production Dates	Engine
2021 – 2025	G80 (RG3)	07/25/2020 – 05/15/2025	3.5L T-GDI Lambda III
2023 – 2025	G90 (RS4)	04/21/2022 – 02/10/2025	
2022 – 2023	GV70 (JK1)	03/10/2021 – 03/10/2025	
2025 – 2026			
2024 – 2026	GV70 (JK1A)	05/16/2023 – 01/29/2026	
2021 – 2025	GV80 (JX1)	07/27/2020 – 05/15/2025	

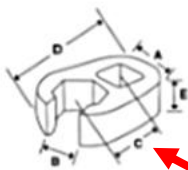
Parts Information:

Model	Part Name	Part Number	Figure	Remarks
G80 (RG3), G90 (RS4), GV70 (JK1, JK1A), & GV80 (JX1)	Pipe- Cross Over	35307- 3NTA0QQH	 Crossover Pipe RH Rail LH Rail	Qty: 1
	Emissions Label	NP001-GENEM	 Genesis Motor America Emissions Campaign Completed Retailer Code: _____ Date: _____ Campaign # _____ NP001GENEM	Apply to all vehicles regardless of state.
	Vehicle Emission Recall - Proof of Correction Card	NP050-09006	 Vehicle Emission Recall – Proof of Correction License No. _____ Make _____ Model Year _____ Body Type _____ Vehicle Identification Number _____ Manufacturer: _____ Recall Number: _____ The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Levels. Dealer's Name _____ Address, City, State and Zip: _____ Date _____ Dealership's Authorized Signature _____ Return this certificate to DMV only when required – otherwise retain for your records. NP050-09006-01A	Order only for states: CA, CO, CT, DE, ME, MD, MA, MN, NJ, NV, NY, OR, PA, RI, VA, VT, WA

SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)****SST Information:**

Tool Name	Tool Number	Figure	Remarks
3/8" Drive 6-Point Metric 19 mm Flank Drive® Flare Nut Crowfoot Wrench	Snap-On (FRHM19)		A one-time quantity of two (2) per Retailer will be distributed. For additional tool orders: Replacement and additional tools are to be sourced by Retailers commercially.

NOTE: An equivalent tool may be used if the dimensions match those shown below:

Specifications	
 A = Outside Dia. B = Wall Opening C = Center to Center D = Length E = Head Depth	Dimension E, Head Depth, mm
	Dimension A, O.D., mm
	ASME®
	Country of Origin
	Dimension B, Wall Opening, mm
	Size, mm
	Dimension C, Ctr. to Ctr., mm
	Dimension D, Length, mm
	Finish
	Maximum Recommended Working Torque, in-lb
	Style
	12.7
	33.3
	B107.21
	USA
	14.7
	19
	20.6
	44.7
	Chrome
	740
	6-Point

Required Equipment/Supplies:

Name	Equipment/Supply #	Figure	Remarks
3/8" Drive 3" Extension Tool	Snap-On (FX3), or equivalent		Recommended for GV70 (JK1, JK1A) to access crossover pipe flare nut
Paint Pen	Markal, or equivalent		- Use for marking tightened nuts - Sourced from local supplier
3/8" Drive Torque Wrench	Snap-On (ATECH2FR125B), or equivalent		Used to properly torque the crossover pipe flare nuts

SUBJECT:FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
G80 (RG3) & G90 (RS4)	61D106R0	Fuel Leak & Torque Inspection at Crossover Pipe Flare Nuts	0.3 M/H	35307-3NTA0	L11	ZZ6
GV70 (JK1, JK1A) & GV80 (JX1)	61D106R1	(PASS - No Leak), Tighten Crossover Pipe Flare Nuts and Emissions Label Application	0.4 M/H			
G80 (RG3)	61D106R2	Fuel Leak & Torque Inspection at Crossover Pipe Flare Nuts	0.7 M/H			
GV70 (JK1, JK1A)	61D106R3	(FAIL - Leak), Crossover Pipe Flare Nuts	1.3 M/H			
GV80 (JX1)	61D106R4	Crossover Pipe Replacement and Emissions Label Application	0.9 M/H			
G90 (RS4)	61D106R5		1.1 M/H			

NOTE 1: Submit a campaign claim on the “Claim Entry/Edit/Submit” screen on WebDCS and attach all required Digital Documentation per TSB to the claim.

NOTE 2: If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the retailer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the retailer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 3: This TSB includes repair validation photos. Op times include VIN, mileage, and repair validation photo(s) as outlined in the Digital Documentation Policy.

NOTE 4: The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**

NOTE 5: All operation codes include \$0.10 for use of paint pen marking for fasteners.

Service Procedure:

DIGITAL DOCUMENTATION



This TSB includes repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

NOTICE

Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

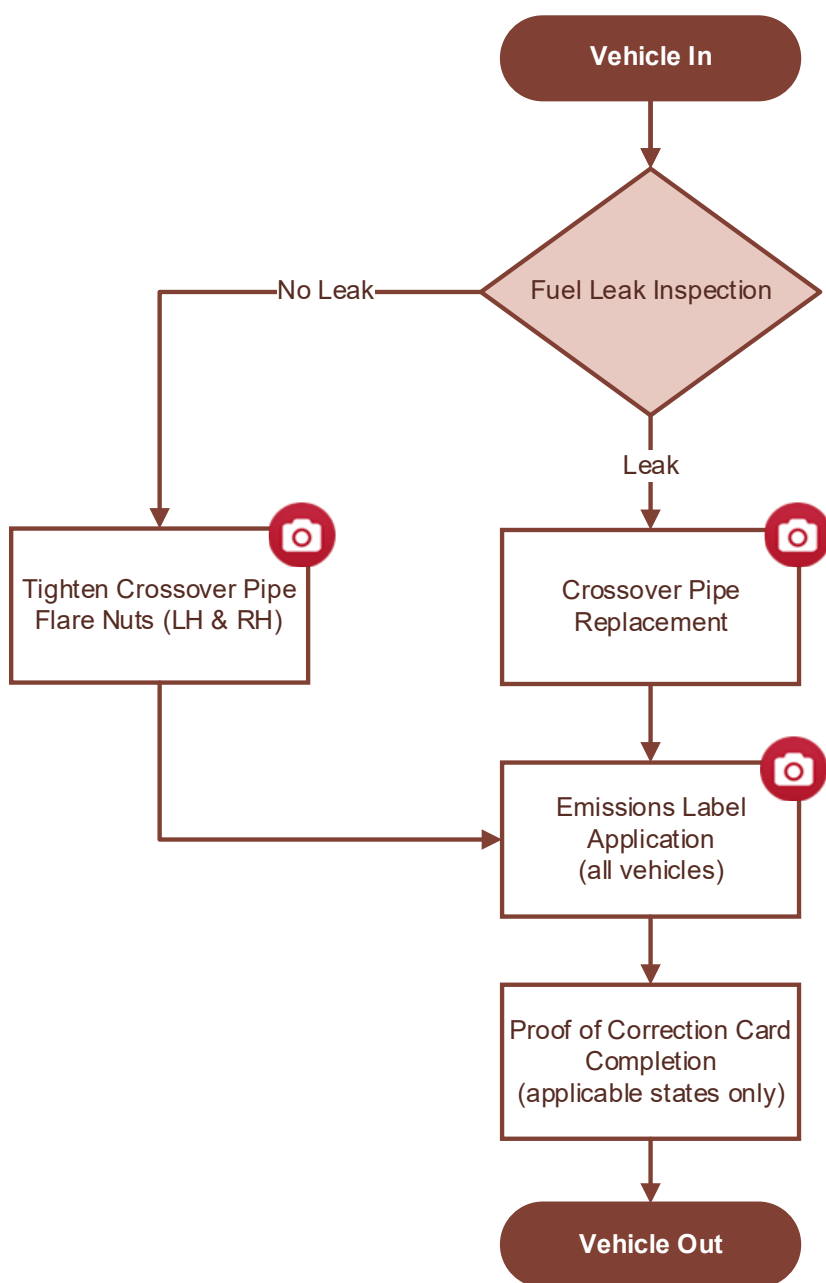
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SUBJECT:

**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

Flowchart

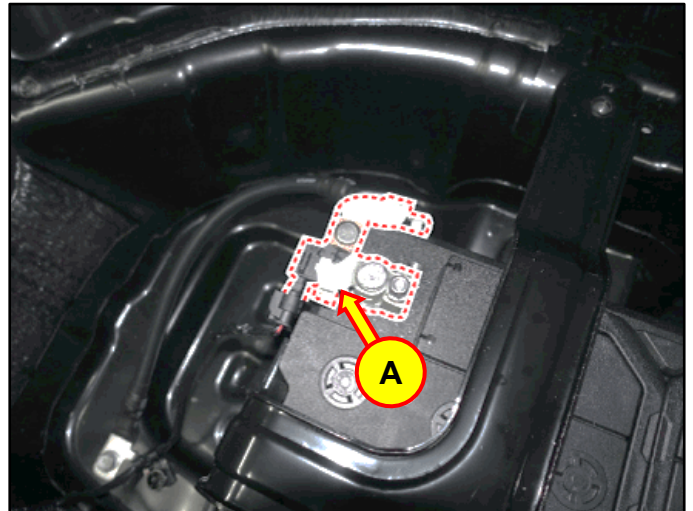


SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)****Fuel Leak Inspection & Flare Nut Tightening: G80 (RG3)**

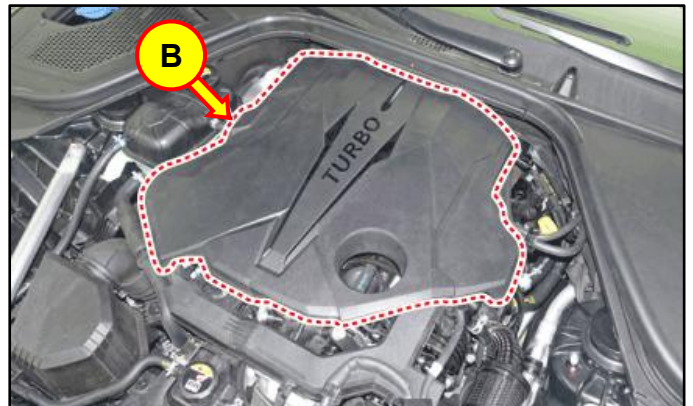
1. Release the residual pressure in the fuel line by referring to the shop manual:
 - **Engine Control / Fuel System > Fuel Delivery System > Release Residual Pressure in Fuel Line**
2. Turn **OFF** the ignition, then disconnect the negative (–) battery terminal (A).

Tightening Torque:

lb-ft	6.5
lb-in	78
N.m	8.9



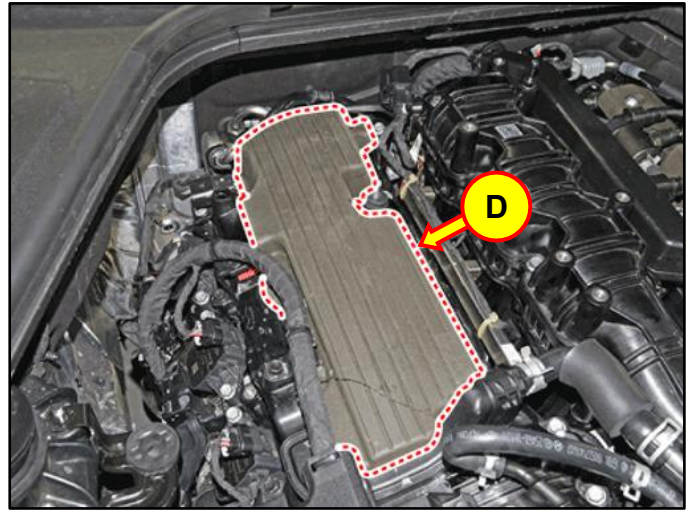
3. Remove the engine cover (B).



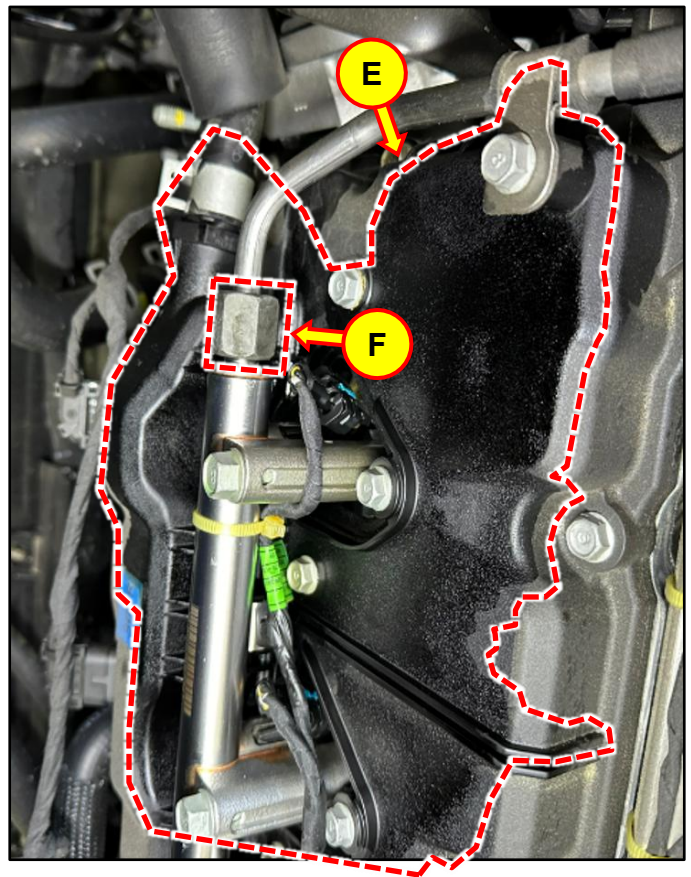
4. Remove the reservoir tank (C) by referring to the shop manual:
 - **Engine Mechanical System > Cooling System > Reservoir Tank > Repair procedures**



5. Remove the RH injector foam (D) by referring to the shop manual:
- **Engine Control / Fuel System > Fuel Delivery System > Fuel Line > Repair procedures**



6. Inspect the area indicated (E) around the RH crossover pipe nut (F) for fuel leakage.
- **PASS:** If **NO** leakage is present, then proceed to **step 7**.
 - **FAIL:** If leakage is present, then proceed to the [Crossover Pipe Replacement](#) procedure on **page 23**.



SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

7. Tighten the RH and LH crossover pipe nuts, then mark them with a paint pen.

Tightening Torque:

lb-ft	27
N.m	37



SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

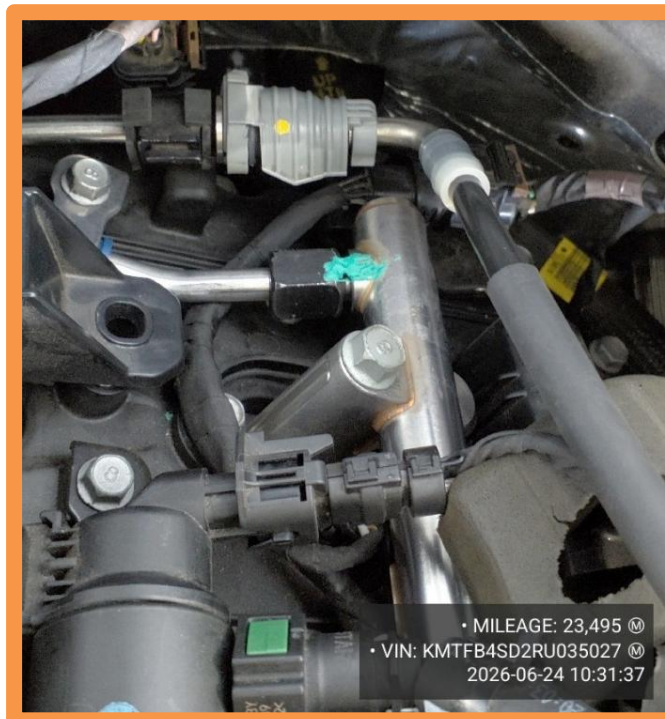
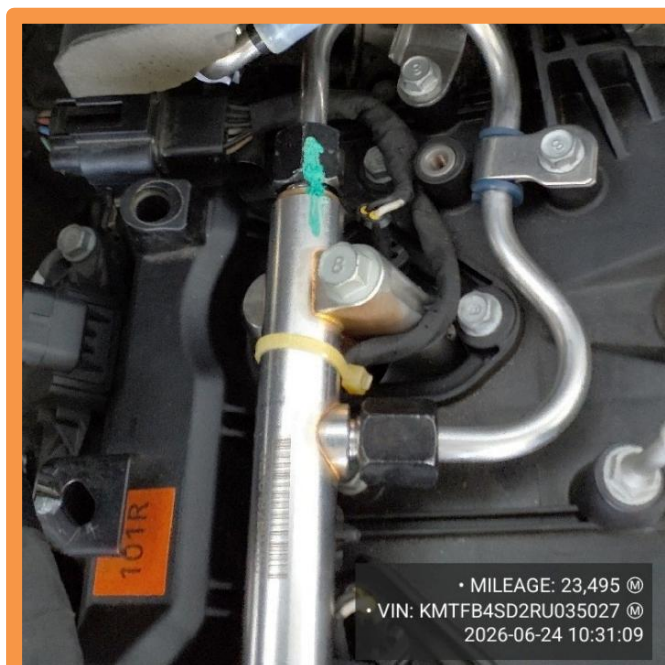
8.

**DIGITAL
DOCUMENTATION**

Using the STUI camera function, take a photo of the tightened and marked LH and RH nuts at the crossover pipe.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



9. Reinstall all parts in the reverse order of the removal process.
10. Proceed to [Emissions Label Application \(for All Vehicles\)](#) on **page 27**.

SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)****Fuel Leak Inspection & Flare Nut Tightening: GV70 (JK1, JK1A)**

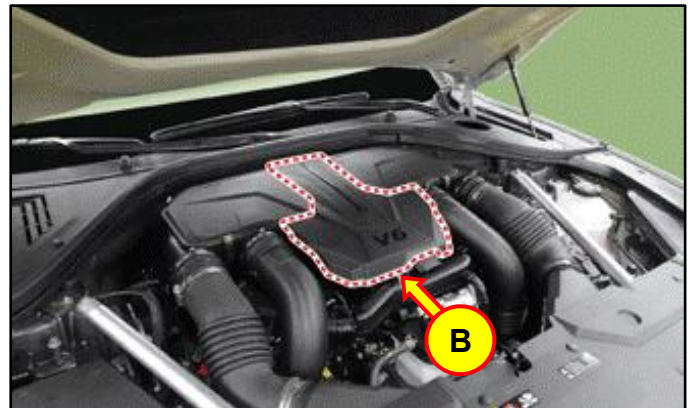
1. Release the residual pressure in the fuel line by referring to the shop manual:
 - **Engine Control / Fuel System > Fuel Delivery System > Release Residual Pressure in Fuel Line**
2. Turn **OFF** the ignition, then disconnect the negative (–) battery terminal (A).

Tightening Torque:

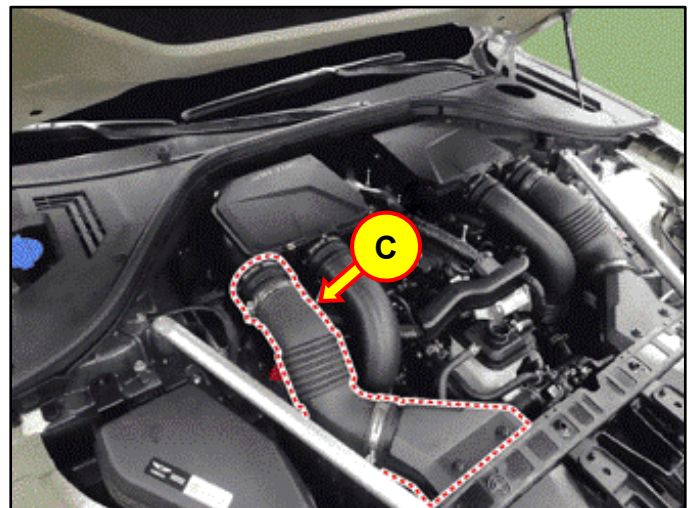
lb-ft	6.5
lb-in	78
N.m	8.8



3. Remove the engine cover (B).



4. Disconnect the air duct (C).

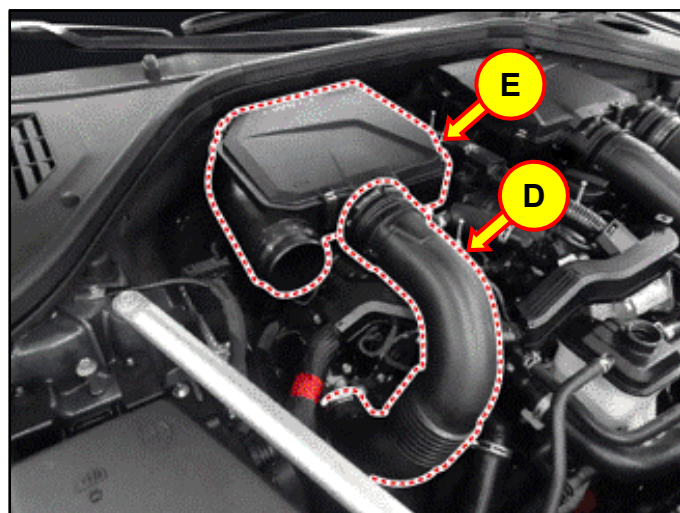


SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

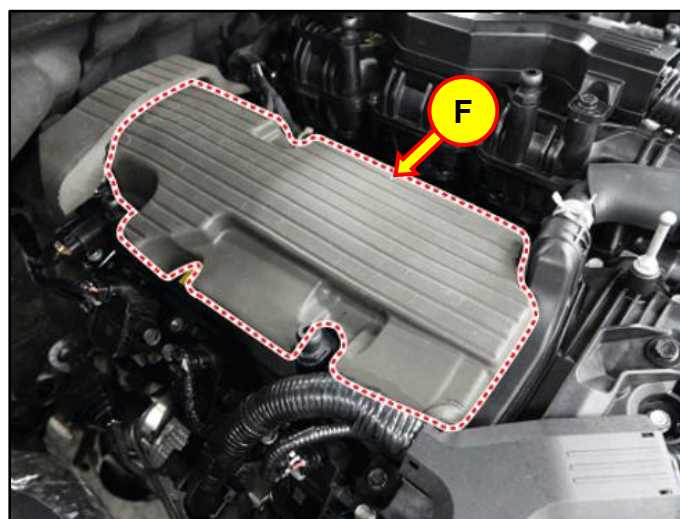
5. Disconnect the RH air intake hose (D), then remove the RH air cleaner assembly (E).

Tightening Torque – Air Intake Hose:

lb-ft	2.9
lb-in	35
N.m	3.9

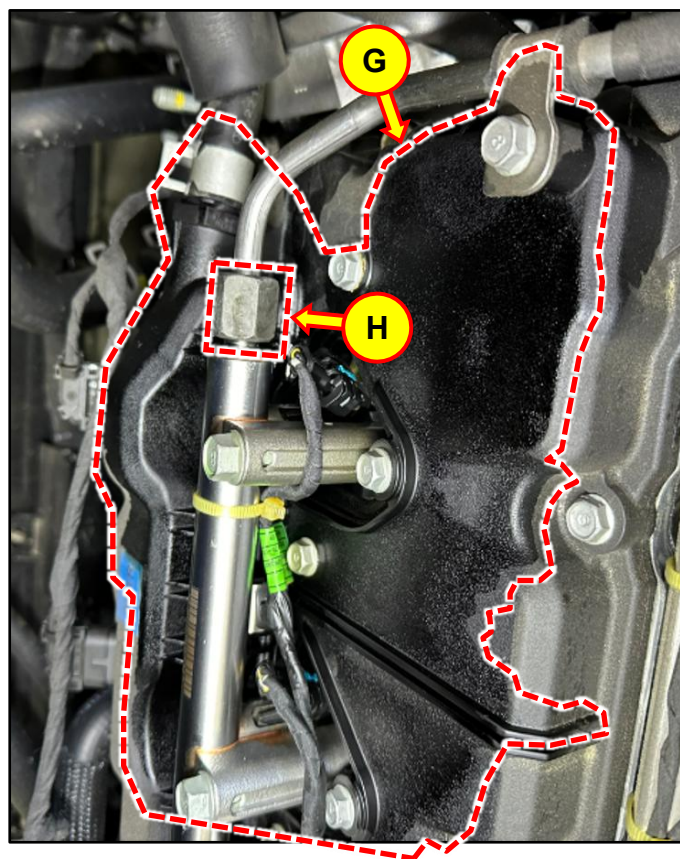


6. Remove the RH injector foam (F).



7. Inspect the area indicated (G) around the RH crossover pipe nut (H) for fuel leakage.

- **PASS:** If **NO** leakage is present, then proceed to **step 8**.
- **FAIL:** If leakage is present, then proceed to the [Crossover Pipe Replacement](#) procedure on **page 23**.



SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

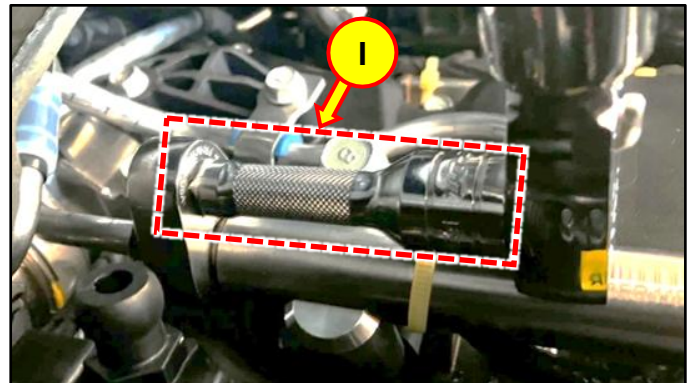
8. Tighten the RH and LH crossover pipe nuts, then mark them with a paint pen.

Tightening Torque:

lb-ft	27
N.m	37

***i* Information**

A 3/8" Drive 3-inch extension tool (I) shown at right is recommended for use with SST FRHM19 (or equivalent) to enable easier access to the crossover pipe flare nut on GV70 (JK1, JK1A) vehicles.



SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

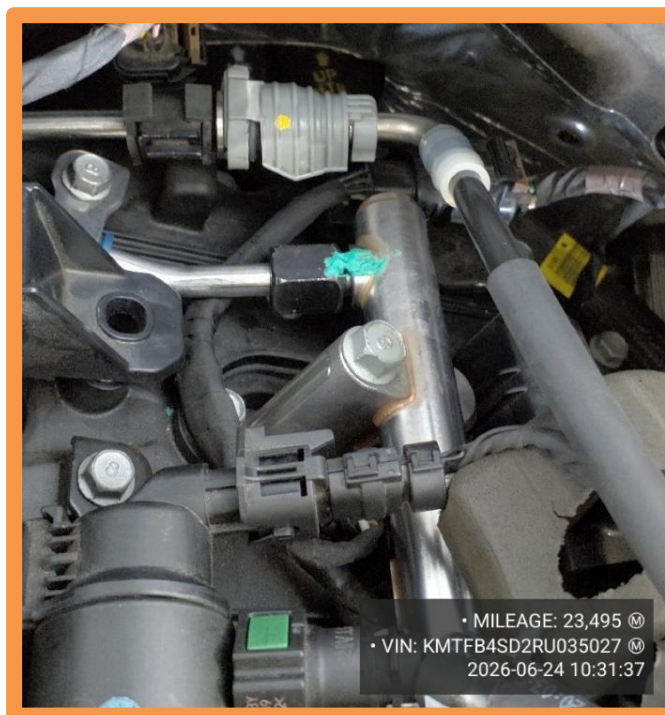
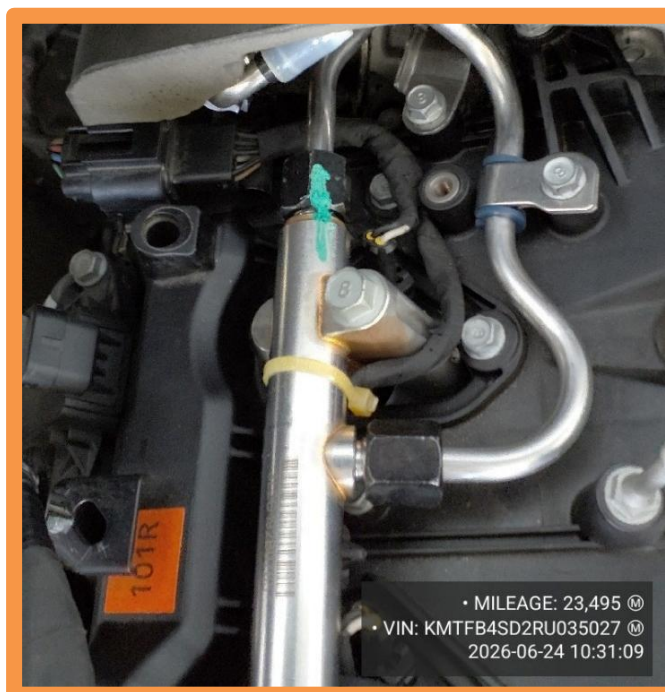
9.

**DIGITAL
DOCUMENTATION**

Using the STUI camera function, take a photo of the tightened and marked LH and RH nuts at the crossover pipe.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



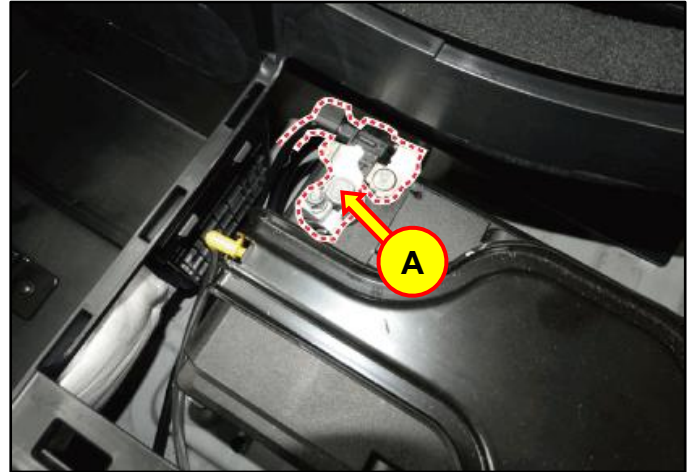
10. Reinstall all parts in the reverse order of the removal process.
11. Proceed to [Emissions Label Application \(for All Vehicles\)](#) on **page 27**.

Fuel Leak Inspection & Flare Nut Tightening: GV80 (JX1)

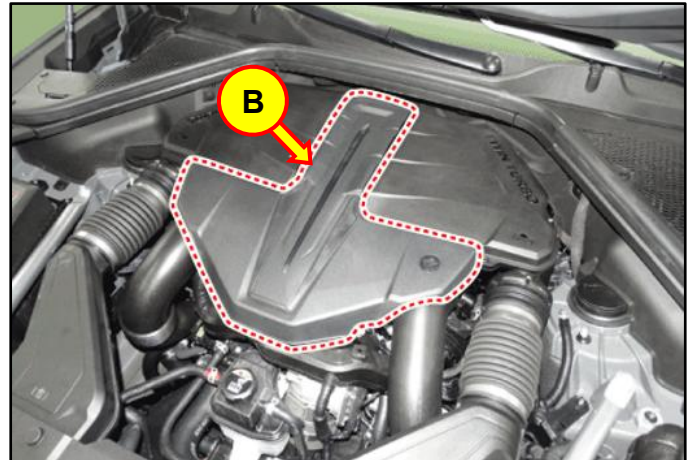
1. Release the residual pressure in the fuel line by referring to the shop manual:
 - **Engine Control / Fuel System > Fuel Delivery System > Release Residual Pressure in Fuel Line**
2. Turn **OFF** the ignition, then disconnect the negative (–) battery terminal (A).

Tightening Torque:

lb-ft	6.5
lb-in	78
N.m	8.8



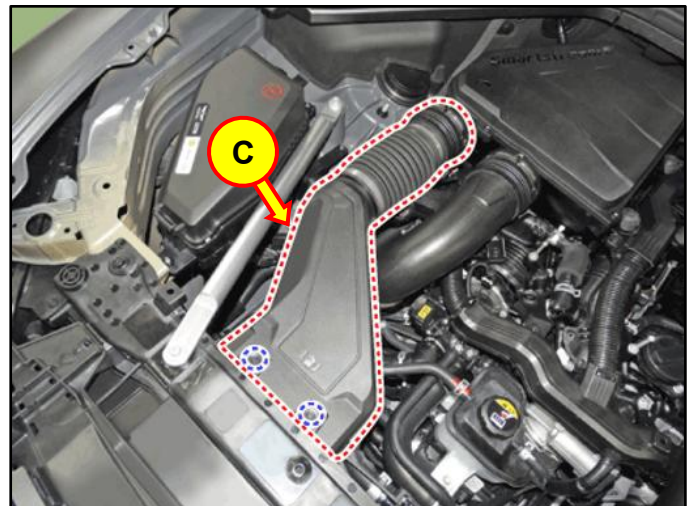
3. Remove the engine cover (B).



4. Disconnect the RH air duct (C).

Tightening Torque:

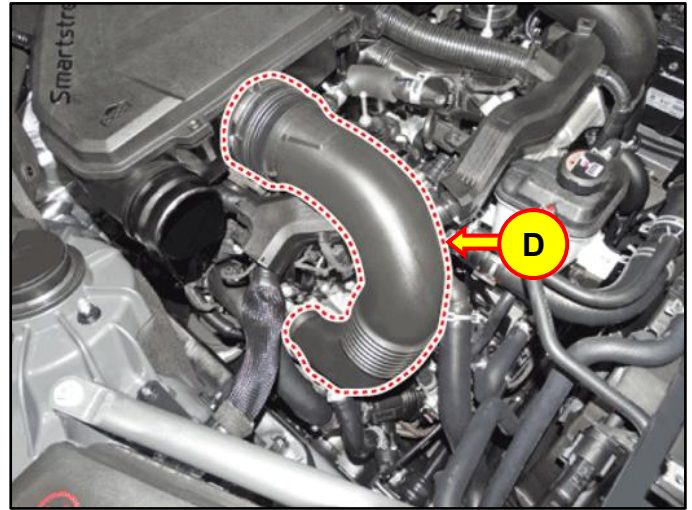
lb-ft	6.5
lb-in	77
N.m	8.8



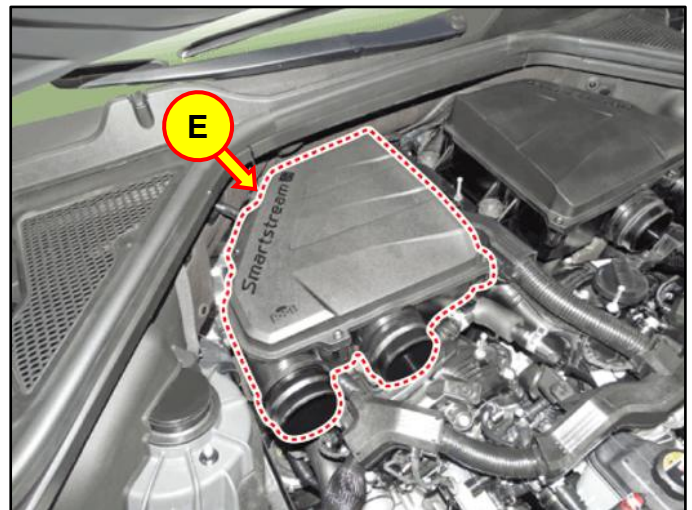
SUBJECT:

**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

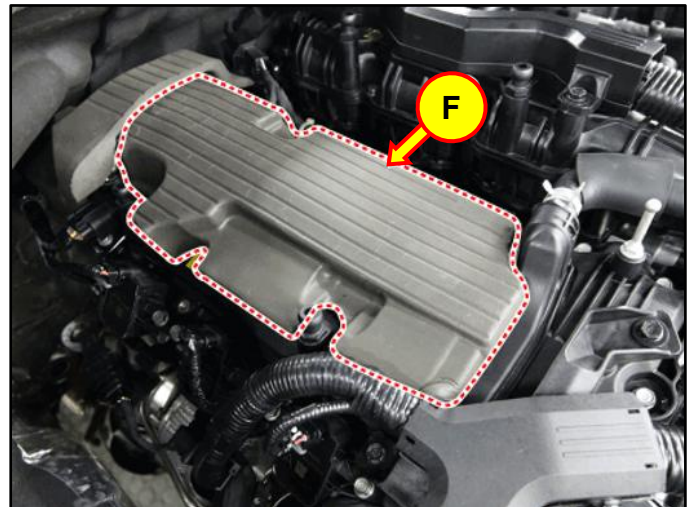
5. Disconnect the RH air intake hose (D).



6. Remove the RH air cleaner assembly (E).



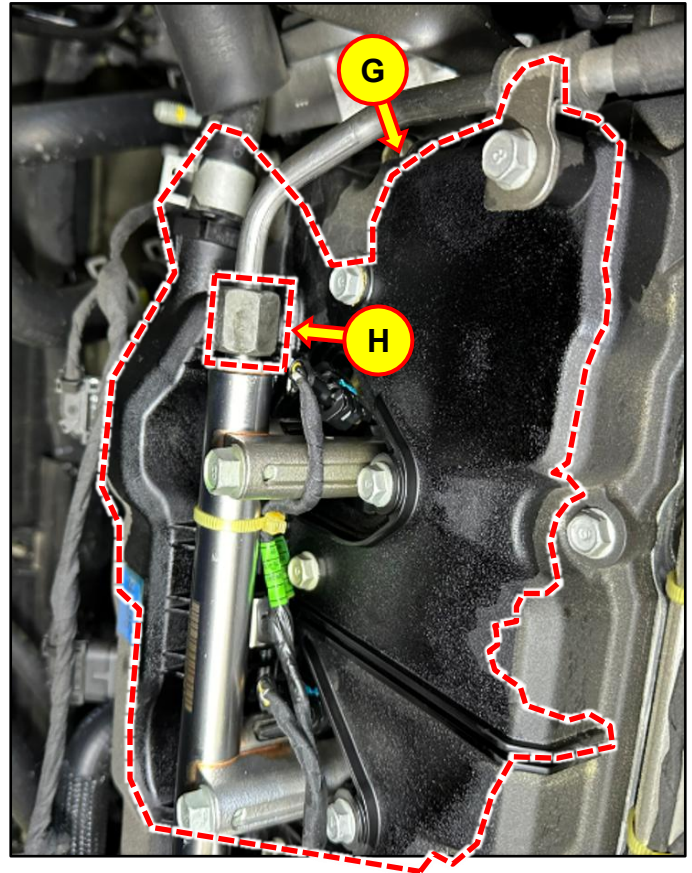
7. Remove the RH injector foam (F) by referring to the shop manual:
- **Engine Control / Fuel System > Fuel Delivery System > Fuel Line > Repair procedures**



SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

8. Inspect the area indicated (G) around the RH crossover pipe nut (H) for fuel leakage.

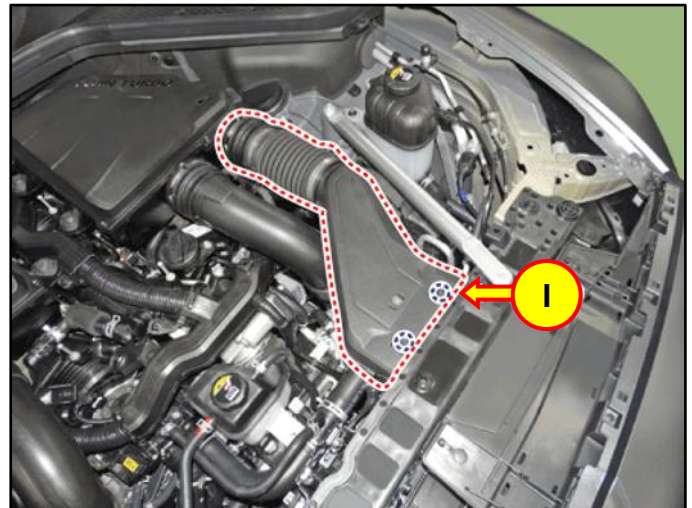
- **PASS:** If **NO** leakage is present, then proceed to **step 9**.
- **FAIL:** If leakage is present, then proceed to the [Crossover Pipe Replacement](#) procedure on **page 23**.



9. Disconnect the LH air duct (I).

Tightening Torque:

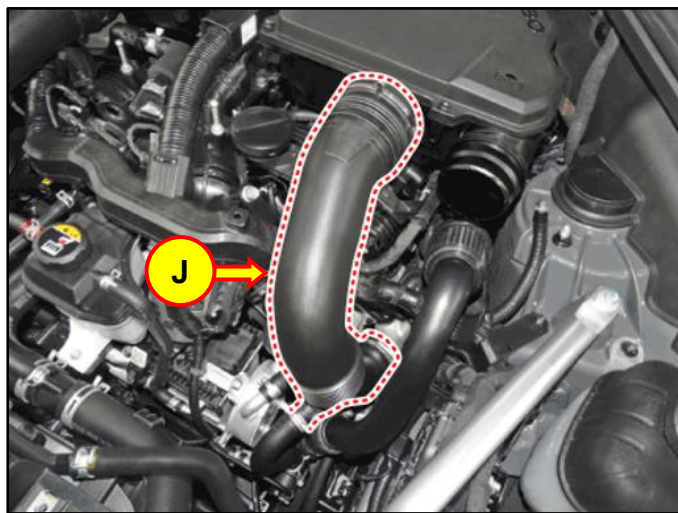
lb-ft	6.5
lb-in	77
N.m	8.8



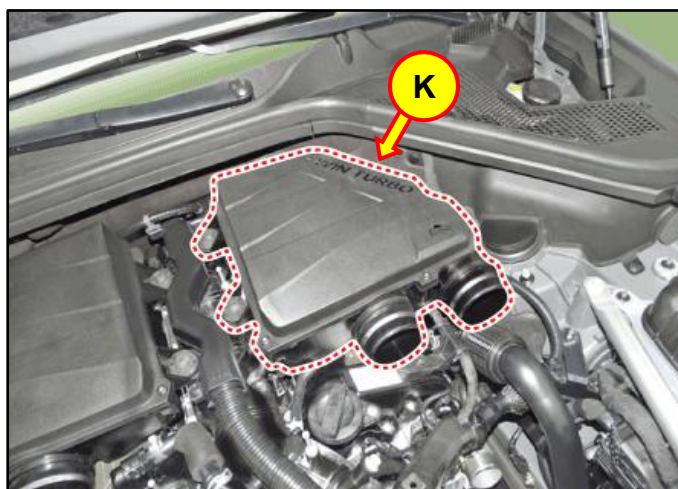
SUBJECT:

**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

10. Disconnect the LH air intake hose (J).



11. Remove the LH air cleaner assembly (K).



SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

12. Tighten the RH and LH crossover pipe nuts, then mark them with a paint pen.

Tightening Torque:

lb-ft	27
N.m	37



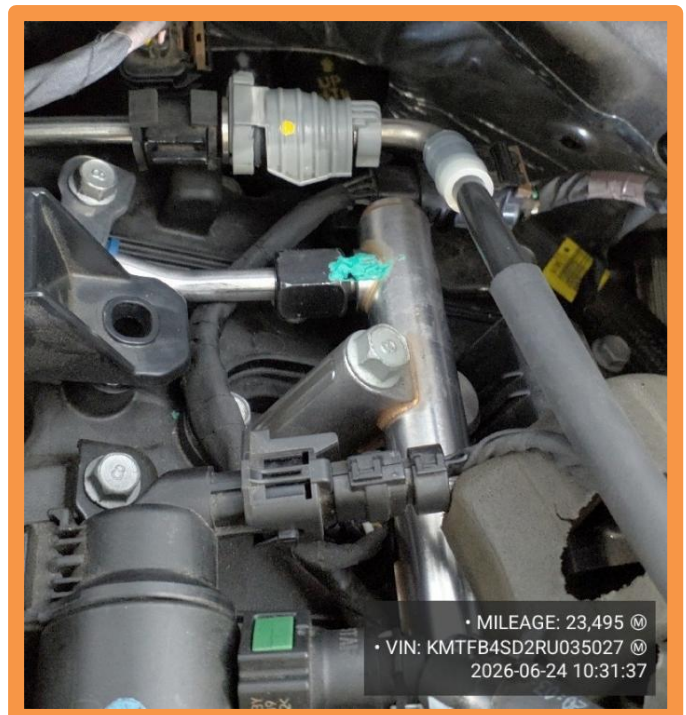
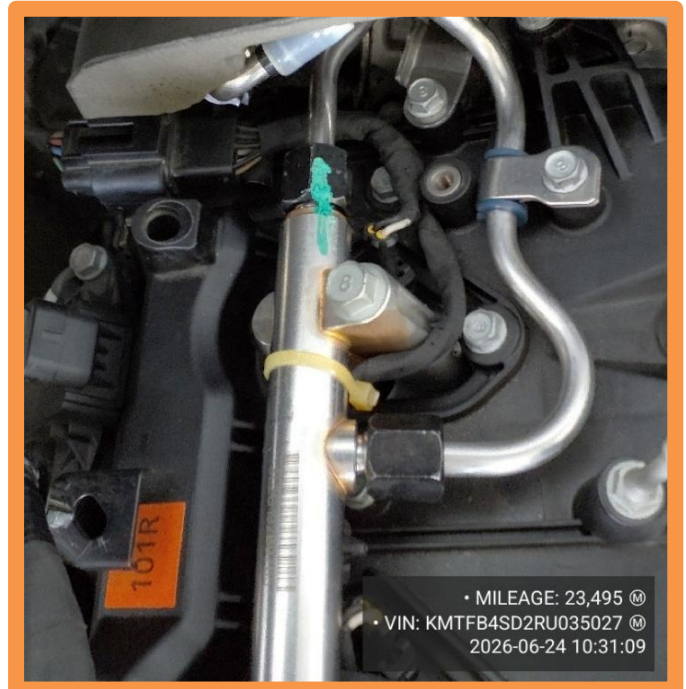
13.

**DIGITAL
DOCUMENTATION**

Using the STUI camera function, take a photo of the tightened and marked LH and RH nuts at the crossover pipe.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



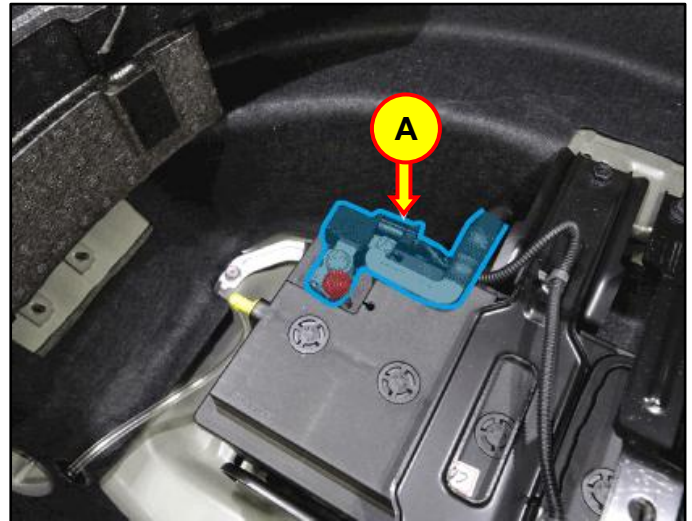
14. Reinstall all parts in the reverse order of the removal process.
15. Proceed to [Emissions Label Application \(for All Vehicles\)](#) on **page 27**.

SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)****Fuel Leak Inspection & Flare Nut Tightening: G90 (RS4)**

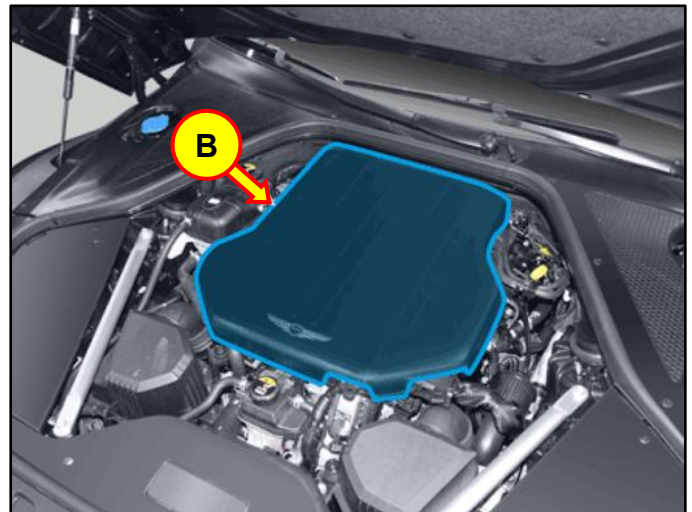
1. Release the residual pressure in the fuel line by referring to the shop manual:
 - **Engine Control / Fuel System > Fuel Delivery System > Release Residual Pressure in Fuel Line**
2. Turn **OFF** the ignition, then disconnect the negative (–) terminal (A) of the 12V battery.

Tightening Torque:

lb-ft	6.5
lb-in	78
N.m	8.8



3. Remove the engine cover (B).



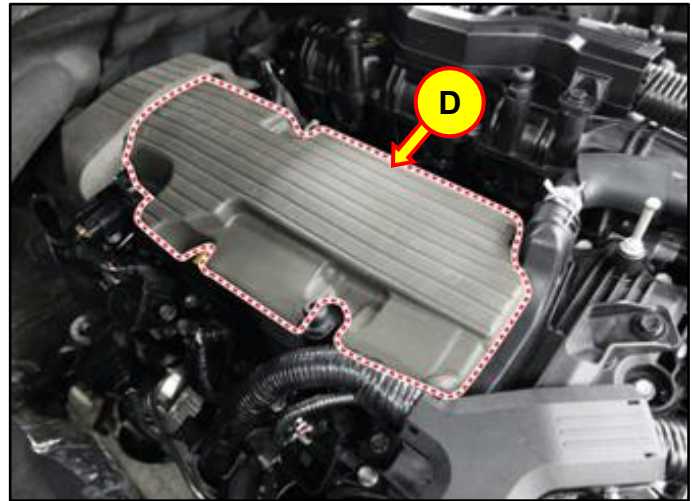
4. Remove the reservoir tank (C) mounting fasteners and reposition the tank aside, as shown in the illustration. Refer to the shop manual:

- **Engine Mechanical System > Cooling System > Reservoir Tank > Repair procedures**



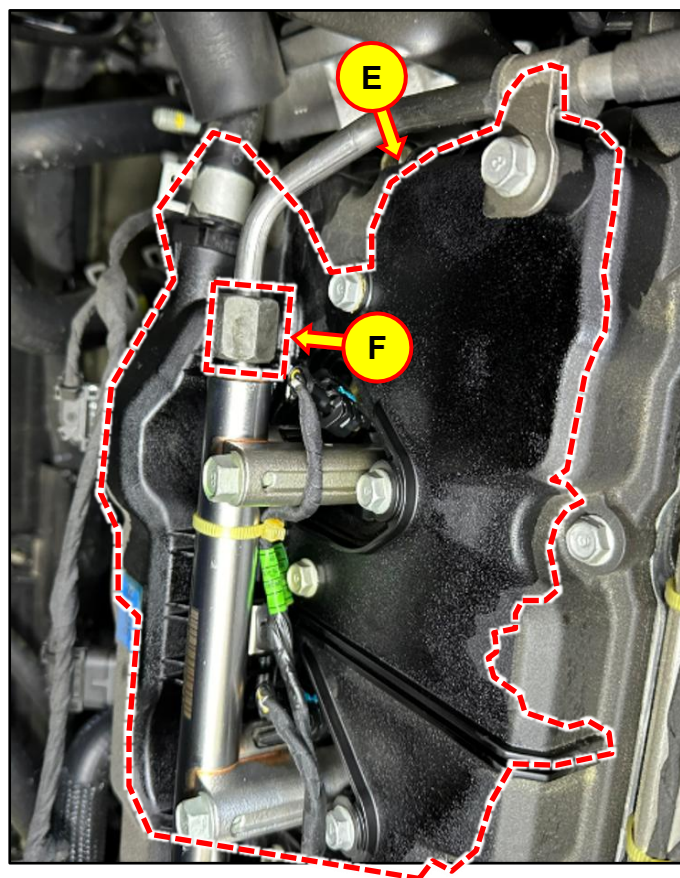
5. Remove the RH injector foam (D) by referring to the shop manual:

- **Engine Control / Fuel System > Fuel Delivery System > Fuel Line > Repair procedures**



6. Inspect the area indicated (E) around the RH crossover pipe nut (F) for fuel leakage.

- **PASS:** If **NO** leakage is present, then proceed to **step 7**.
- **FAIL:** If leakage is present, then proceed to the [Crossover Pipe Replacement](#) procedure on **page 23**.



SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

7. Tighten the RH and LH crossover pipe nuts, then mark them with a paint pen.

Tightening Torque:

lb-ft	27
N.m	37



SUBJECT:

**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

8.

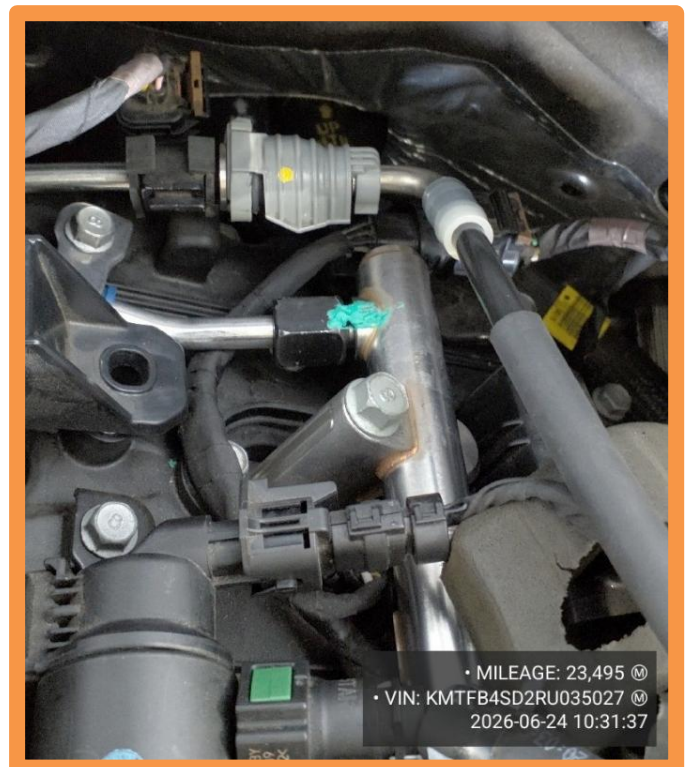
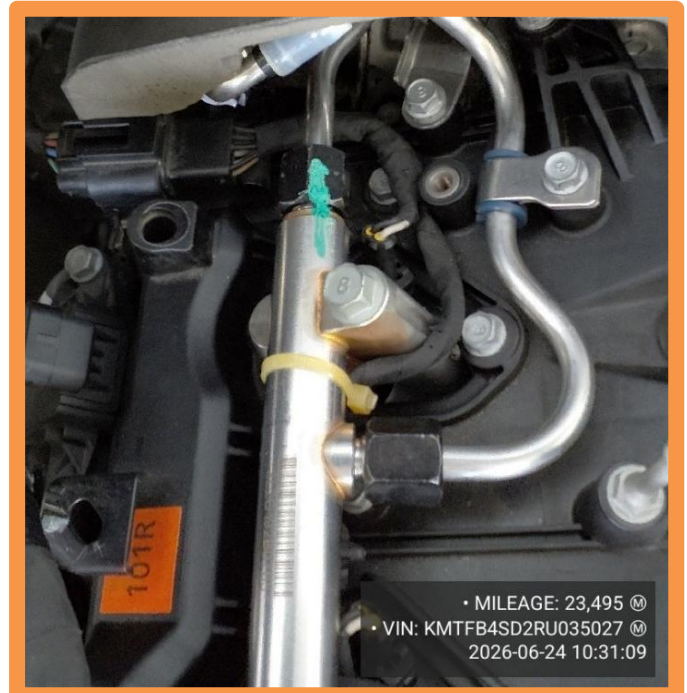
**DIGITAL
DOCUMENTATION**



Using the STUI camera function, take a photo of the tightened and marked LH and RH nuts at the crossover pipe.

Upload the photo to STUI.

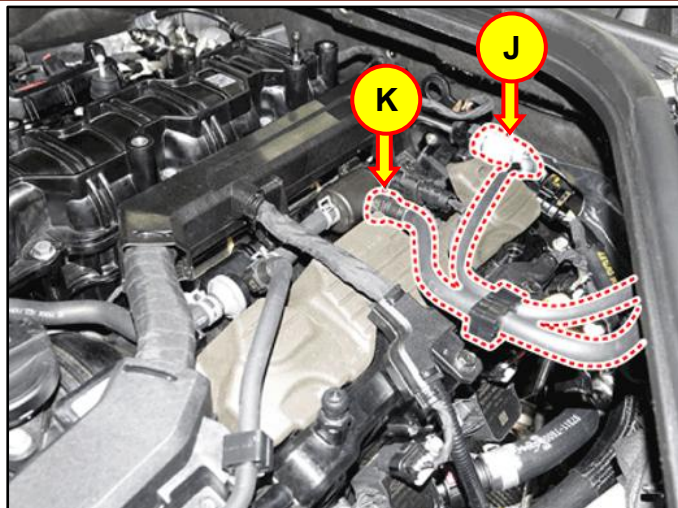
NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



9. Reinstall all parts in the reverse order of the removal process.
10. Proceed to [Emissions Label Application \(for All Vehicles\)](#) on **page 27**.

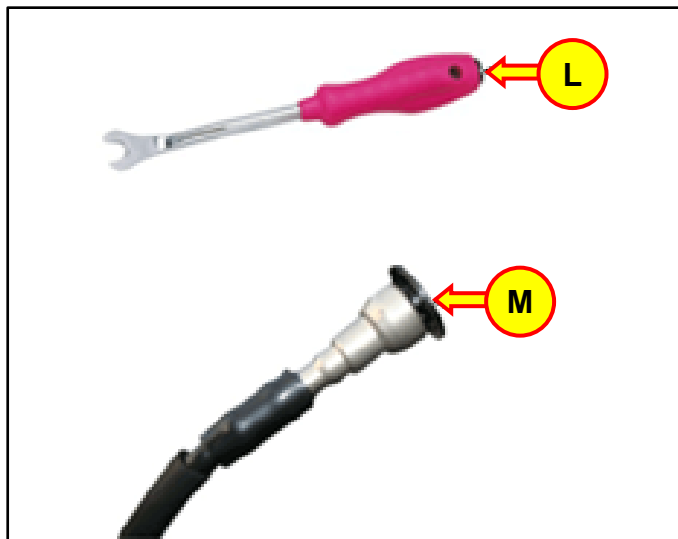
SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)****Crossover Pipe Replacement**

1. Disconnect the fuel feed quick-connector (J) and the vapor quick-connector (K).

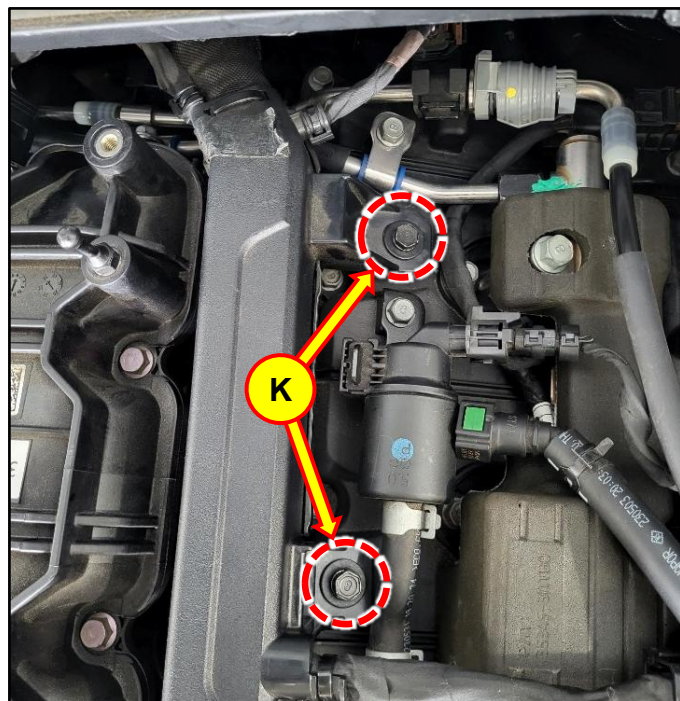
**NOTICE**

When removing a quick-connector with the clip removing tool (L), be careful **NOT** to damage the plastic clip (M).

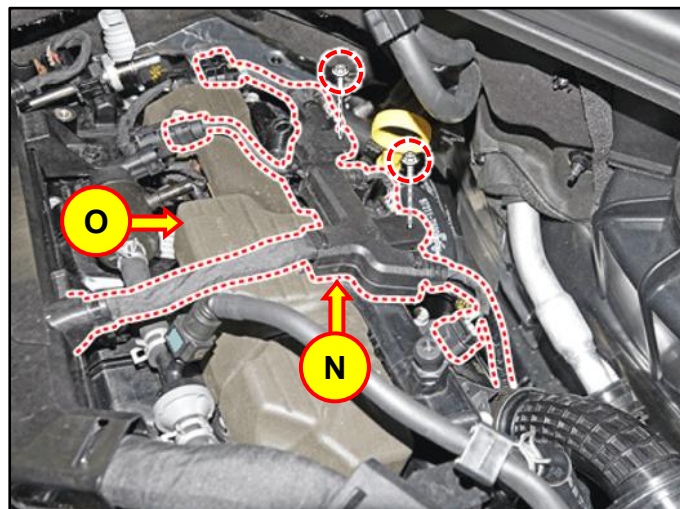
A damaged clip can cause a fuel line leak due to a poor connection.



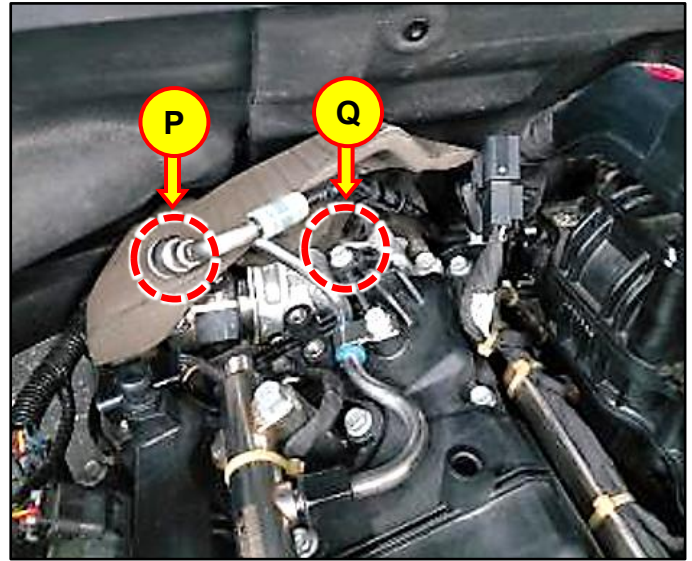
2. **For G90 (RS4) ONLY:**
Remove the mounting bolts (K) for the wiring bracket located near the center of the engine.



3. Remove the mounting bolts and connectors, then separate the wiring bracket (N) and remove the ignition coil foam (O).



4. Disconnect the lower pressure fuel pipe (P), then remove the lower pressure pipe bracket bolt (Q).



5. Loosen the flange nuts (R) and remove the mounting bolts (S) on the high pressure fuel pipe.

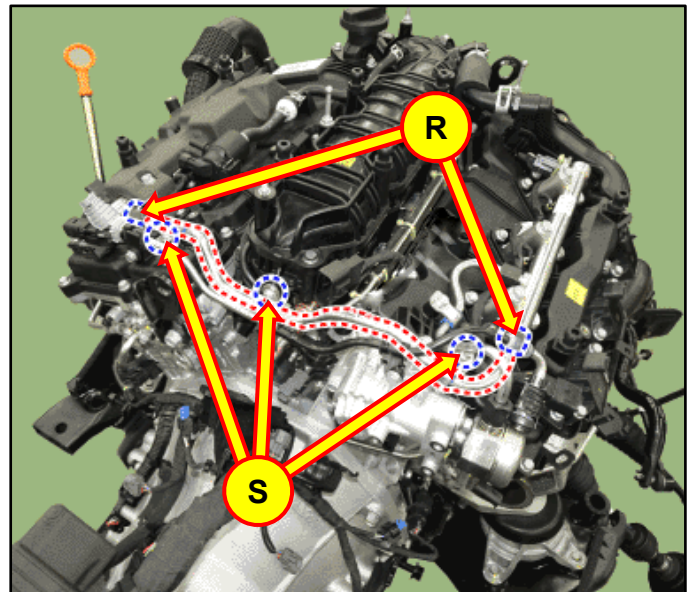
Tightening Torque:

Nuts (S):

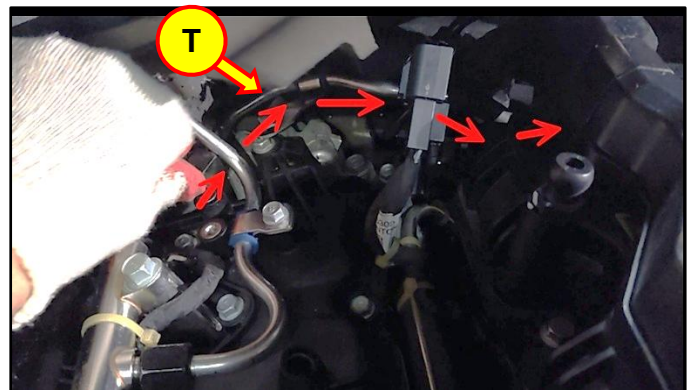
lb-ft	27
N.m	37

Bolts (R):

lb-ft	8.0
lb-in	95
N.m	11



6. Remove the crossover fuel pipe (T) by maneuvering it to the driver side of the engine.



SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)**

7. Install the new crossover fuel pipe.

Tightening Torque:

lb-ft	6.5
lb-in	78
N.m	8.9



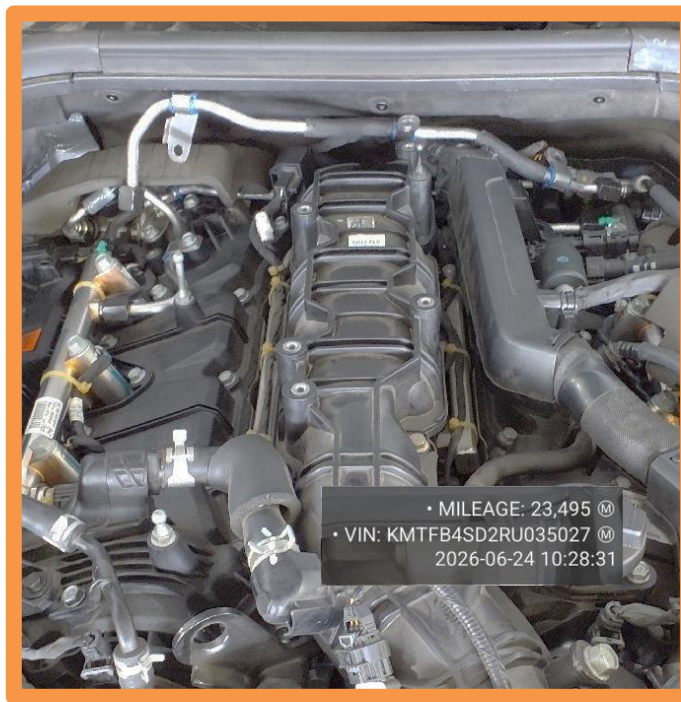
- 8.

**DIGITAL
DOCUMENTATION**

Using the STUI camera function, take a photo of the new crossover fuel pipe installed, and the original one placed adjacent.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



9. Reinstall all parts in the reverse order of the removal process.
10. Start the engine and verify normal operation.
11. Proceed to [Emissions Label Application \(for All Vehicles\)](#) on **page 27**.

SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)****Emissions Label Application (for All Vehicles)**

1. Fill in the Campaign ID, Dealer Code, and Date on the emissions label, and apply adjacent to the existing label, on the underside of the hood, as shown.

Be sure to clean the mounting surface to ensure proper label adhesion.



2.

**DIGITAL
DOCUMENTATION**

Using the STUI camera function, take a photo of the emissions label attached to the vehicle.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



3. Proceed to the next section and complete the [Vehicle Emission Recall - Proof of Correction Card](#) for the states listed.

If **NOT** applicable to your state, the repair process is complete.

SUBJECT:**FUEL LEAK & FLARE NUT TORQUE INSPECTION -
CROSSOVER PIPE REPLACEMENT (RECALL 033G)****Vehicle Emission Recall – Proof of Correction Card (for Vehicles Registered in Certain States)**

For vehicles registered in California, Colorado, Connecticut, Delaware, Maine, Maryland, Massachusetts, Minnesota, Nevada, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont, Virginia, and Washington:

VEHICLE EMISSION RECALL - PROOF OF CORRECTION CARD

A Vehicle Emission Recall - Proof of Correction card must be filled out for all vehicles registered in California, Colorado, Connecticut, Delaware, Maine, Maryland, Massachusetts, Minnesota, Nevada, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont, Virginia, and Washington. Residents of these states, who own an affected vehicle, will be required to possess a Vehicle Emission Recall - Proof of Correction card as evidence of voluntary service campaign completion, when they apply for vehicle registration renewal.

WHAT TO DO WITH THE CARD:

The Vehicle Emission Recall - Proof of Correction card must be completed by the Dealership's Service Manager using a permanent ink pen. A fine point pen is recommended. When filling in the information, copy the information directly from the vehicle, not from the repair order.

ALL INFORMATION MUST BE PRINTED AND NEAT.

The copy of the card shown below indicates the areas to be filled in. Each area must be filled in.

A completed Vehicle Emission Recall - Proof of Correction card should be given to the owner of the vehicle upon completion of the Campaign.

1. Enter Vehicle's License Number
2. Enter "Genesis"
3. Enter Model Year
4. Enter model name (e.g. GV70)
5. Enter the vehicle's VIN
6. Enter Recall Number: 033G
7. Enter Dealership Name
8. Enter Dealership's Address
NOTE: Enter the physical address, not the mailing address (not a P.O. Box)
9. Enter Date of Repair
10. Service Manager Sign Here

Vehicle Emission Recall – Proof of Correction									
License No.	Make	Model Year	Body Type	Vehicle Identification Number					
1	2	3	4					5	
Manufacturer:			2	Recall Number:			6		
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					
7				8					
Date				Dealership's Authorized Signature					
9				x 10					
Return this certificate to DMV only when required – otherwise retain for your records.									
NP050-09006 8/14									