



## Technical Service Bulletin

<b>GROUP</b> <b>CAMPAIGN</b>	<b>NUMBER</b> 21-01-mmmG
<b>DATE</b> MAY, 2021	<b>MODEL(S)</b> GV80 (JX1) G80 (RG3)

<b>SUBJECT:</b>	HIGH PRESSURE FUEL PIPE REPLACEMENT (RECALL 008G)
-----------------	---

### ★ IMPORTANT

#### \*\*\* Dealer Stock and Retail Vehicles \*\*\*

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.


When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

**Description:** On certain 2021MY GV80 (JX1) and G80 (RG3) vehicles, the fuel tube connecting the high pressure fuel pump to the fuel rail may have been produced outside of normal specifications and may result in a possible fuel leak. Replace the high pressure fuel pipe to correct this condition using the procedure outlined in this bulletin.

#### Applicable Vehicles:

- 2021MY GV80 (JX1) 2.5T vehicles produced from January 22, 2021 to February 4, 2021
- 2021MY G80 (GR3) 2.5T vehicles produced from January 29, 2021 to February 3, 2021

#### Parts Information:

Parts Name	Part Number	Figure	Qty.
HIGH PRESSURE PIPE	35305-2T000		1

#### SST Information:

Description	Figure	Note
3/8" Drive 12-Point Metric 19 mm Deep Flank Drive® Flare Nut Crowfoot Wrench - ANM19 (or equivalent)		For removal and installation of the high pressure fuel pipe nut.

#### Warranty Information:

Op. Code	Operation	Op. Time	Causal Part	Nature	Cause
11D051R0	HIGH PRESSURE PIPE REPLACEMENT	1.0 M/H	35305-2T000	B22	ZZ1

**NOTE:** Submit Claim on Campaign Claim Entry Screen

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

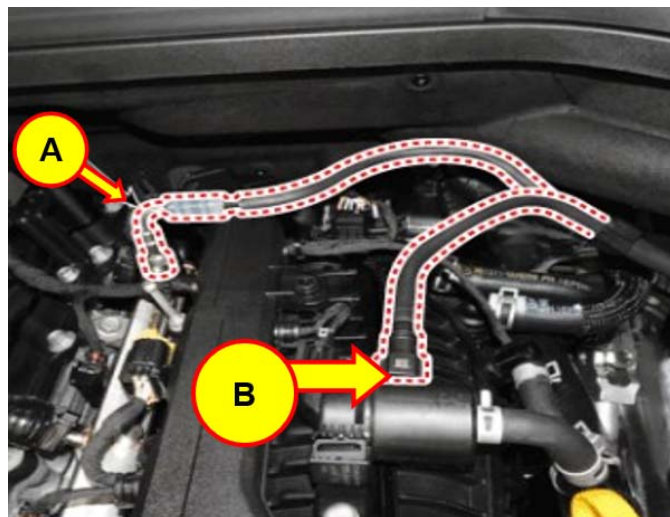
**Service Procedure:**

1. Deplete the residual fuel pressure in the fuel lines following the procedure outlined in the Shop Manual section.
  - Engine Control / Fuel System > Fuel Delivery System > Release Residual Pressure in Fuel Line

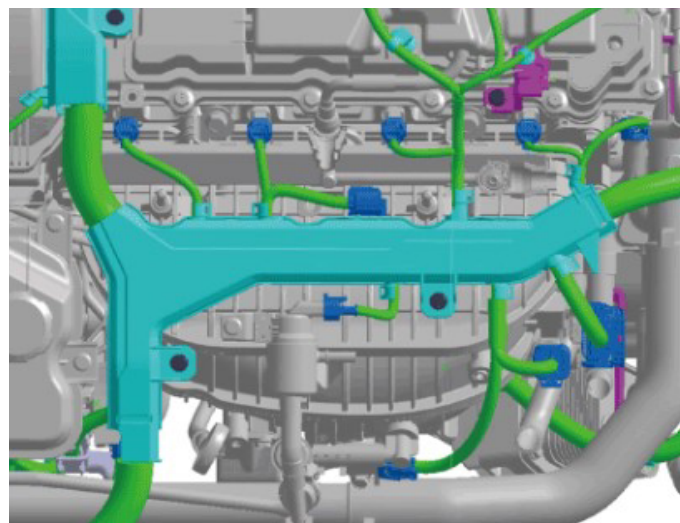
**NOTICE**

Be sure to wrap the connection joints with a shop towel to capture any dripping fuel.

2. Disconnect the fuel hose (A) and PCSV hose (B).



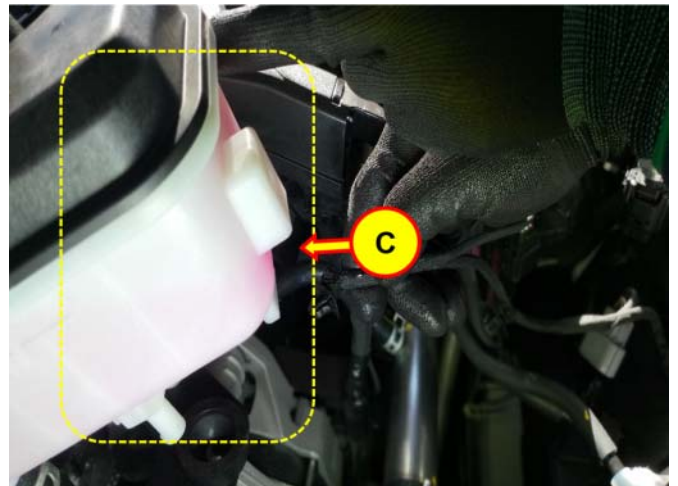
3. Disconnect the engine wiring connector and harness fasteners of the intake manifold.



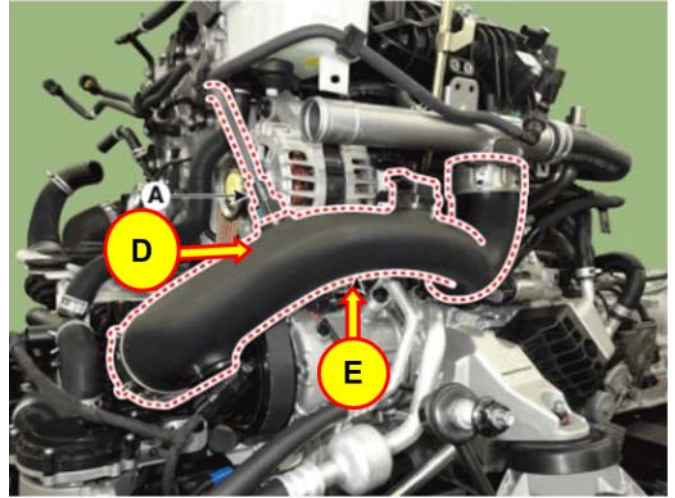
4. Then remove the engine upper connectors & wiring.



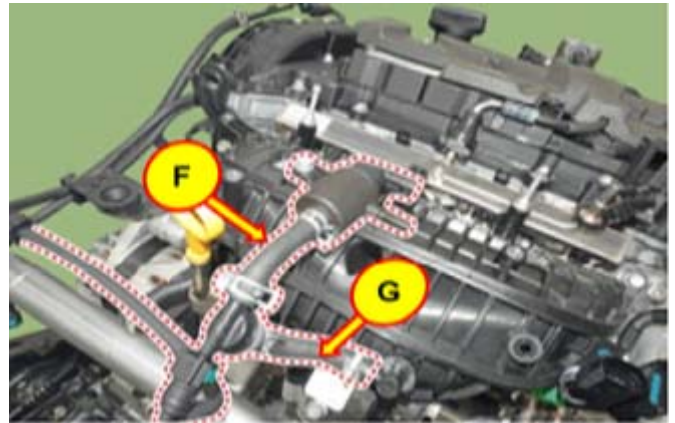
5. Remove the intercooler reservoir tank (C)



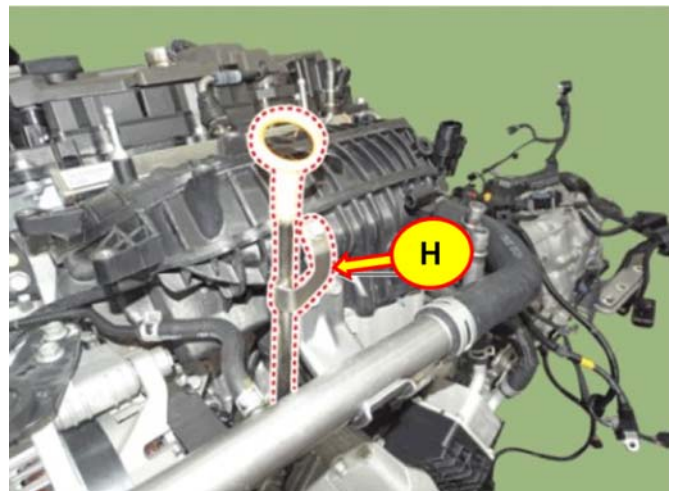
6. Disconnect the quick connector (D) and remove the intercooler hose (E).



7. Remove the PCSV (F) and hose (G).



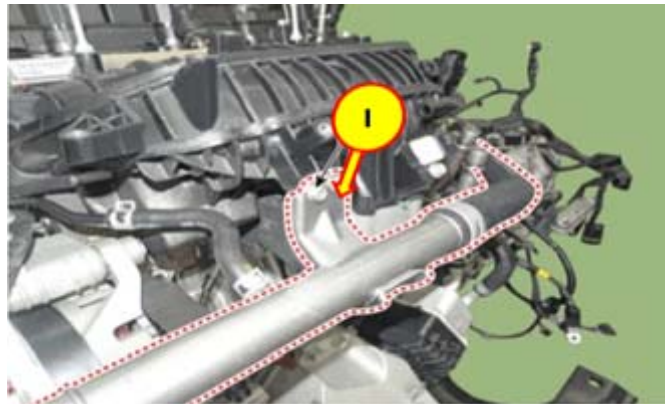
8. Remove the oil level gauge (H).



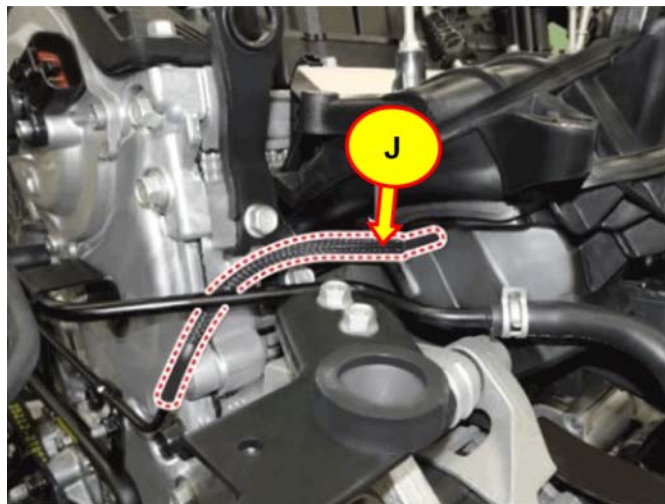
9. Loosen the water outlet pipe mounting bolt (I).

**NOTICE**

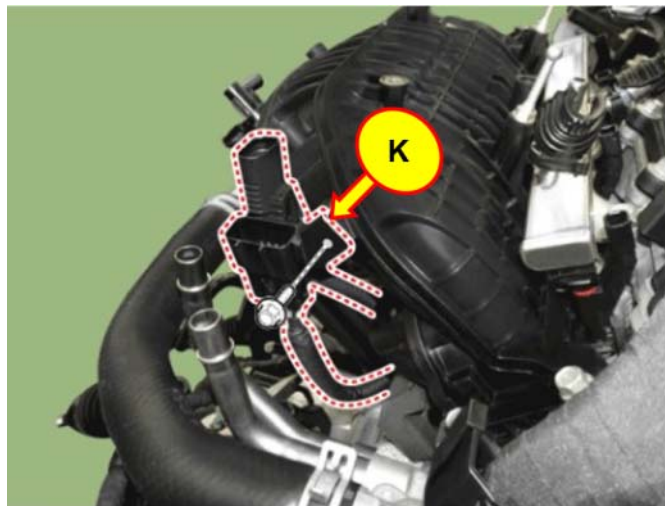
Tightening Torque:  
79.6 lb-ft (107.9 Nm)



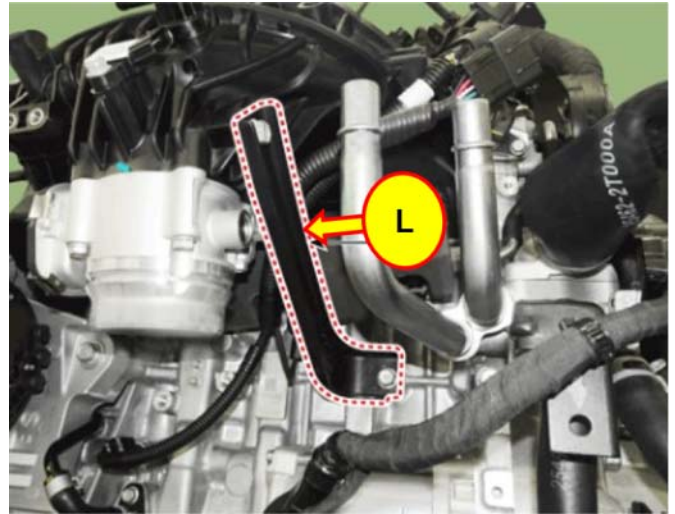
10. Disconnect the vacuum hose (J).



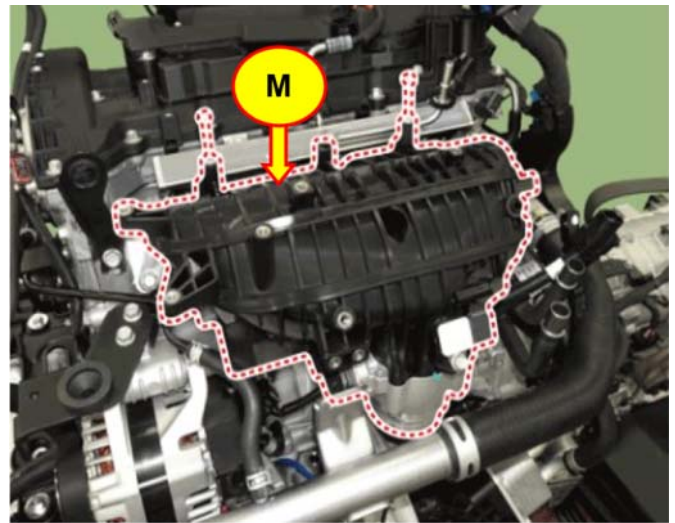
11. Loosen the mounting bolt and remove the connector bracket (K).



12. Remove the intake manifold mounting bracket (L)

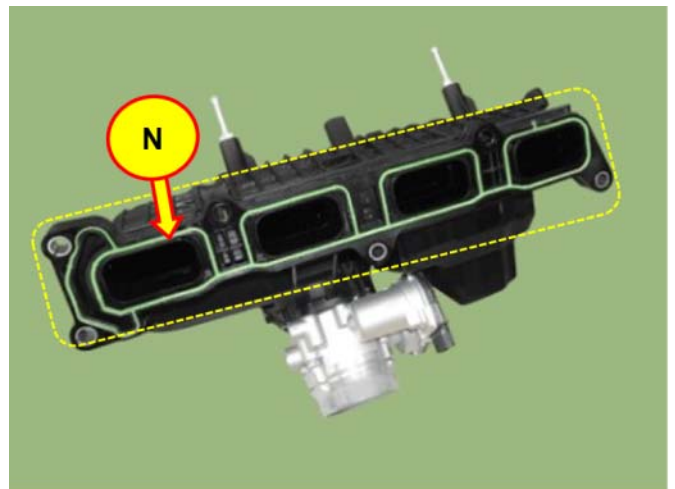


13. Remove the intake manifold assembly (M).



### **CAUTION**

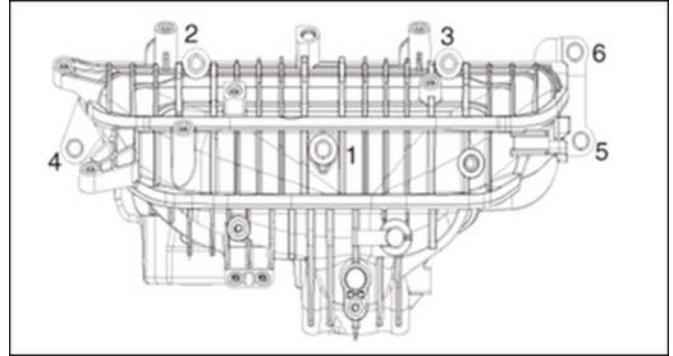
- Make sure to check the intake manifold gasket location (N).
- Make sure to install the gasket in the correct orientation.
- Be careful not to allow foreign substances to enter the intake manifold assembly.



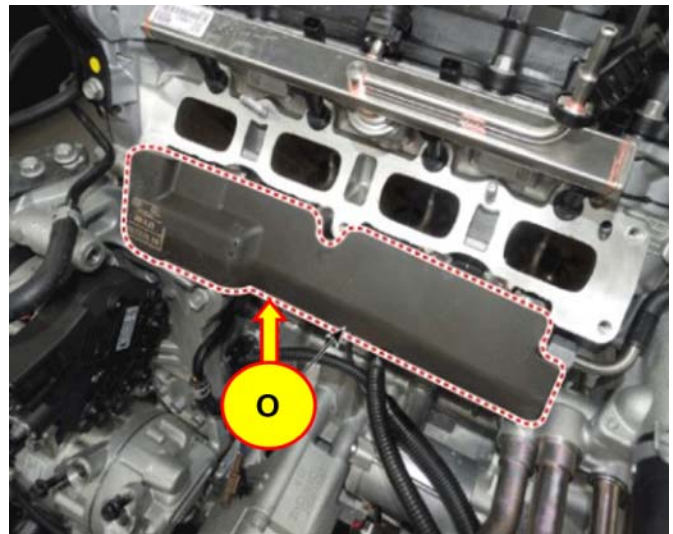
When reassembling, loosely tighten the bolts according to the right picture's order. Then tighten them to the specified torque in the same order.

**NOTICE**

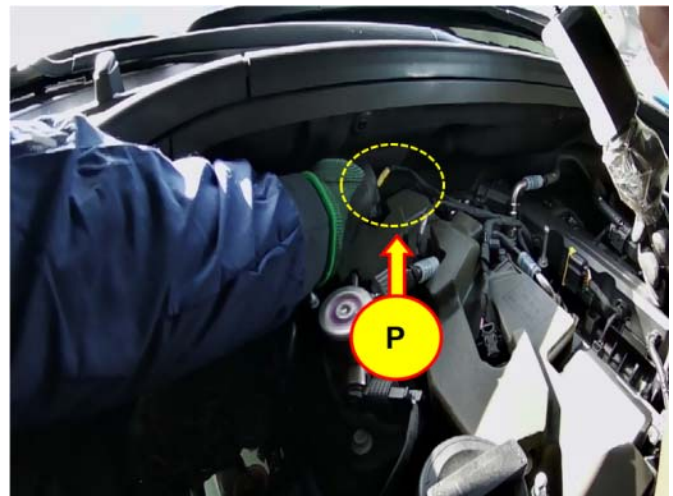
**Tightening Torque:  
15.5 lb-ft (21.5Nm)**



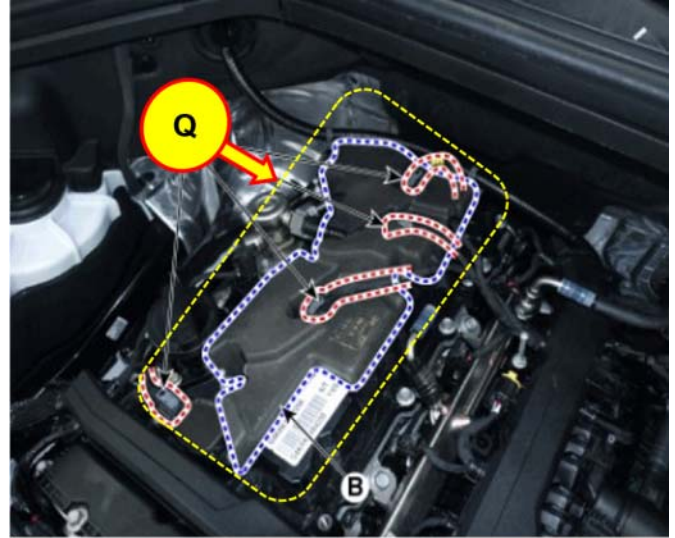
14. Remove the injector foam (O).



15. Disconnect the high-pressure pump connector (P).



16. Remove the ignition coil foam (Q).



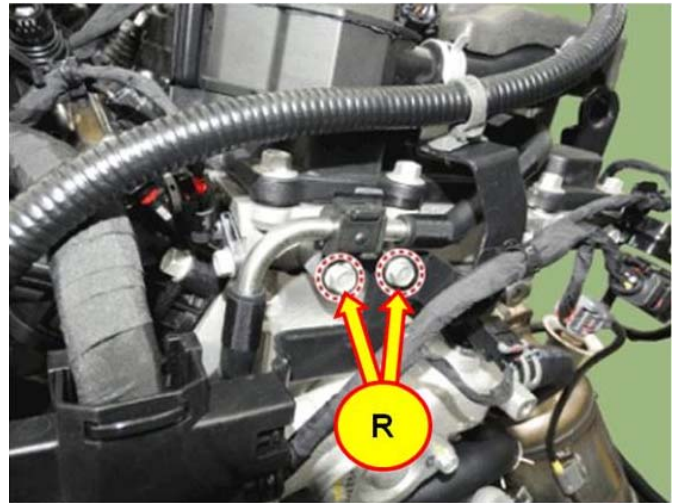
17. Loosen the high-pressure fuel pipe bracket mounting bolts (R) and loosen the flange nut (S).

### NOTICE

**Tightening Torque:**

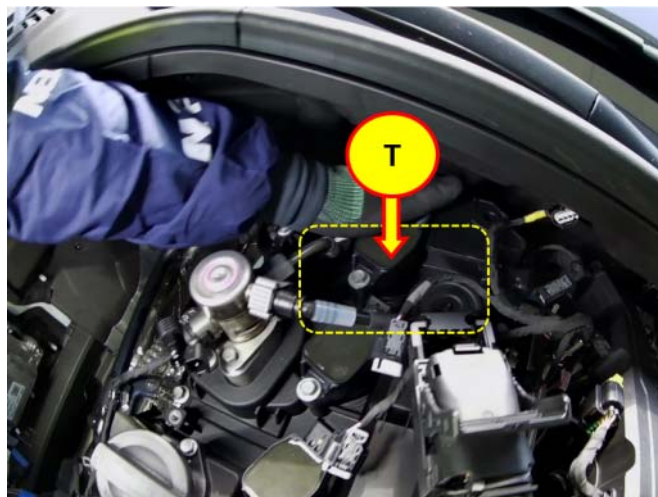
(R) 7.9 lb-ft (10.75 Nm)

(S) 21.7 lb-ft (29.6 Nm)





18. Loosen the high-pressure fuel pipe mounting bracket bolt (T).



19. Loosen the nut (U) on the fuel pipe connection area.

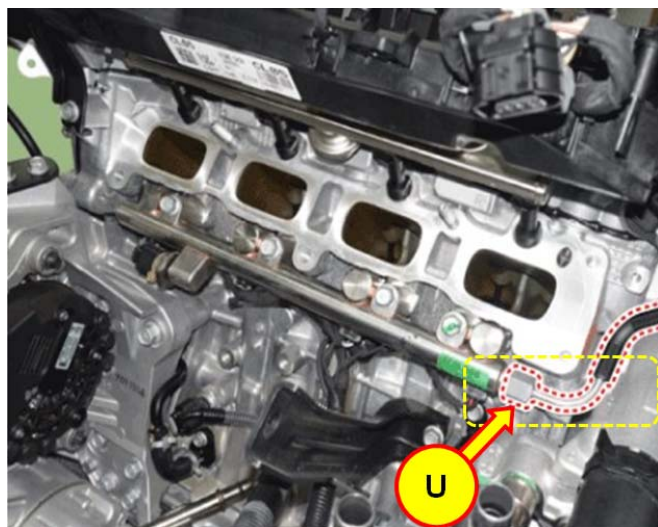
**NOTICE**

Be sure to wrap the connection joints with a shop towel to capture any dripping fuel.

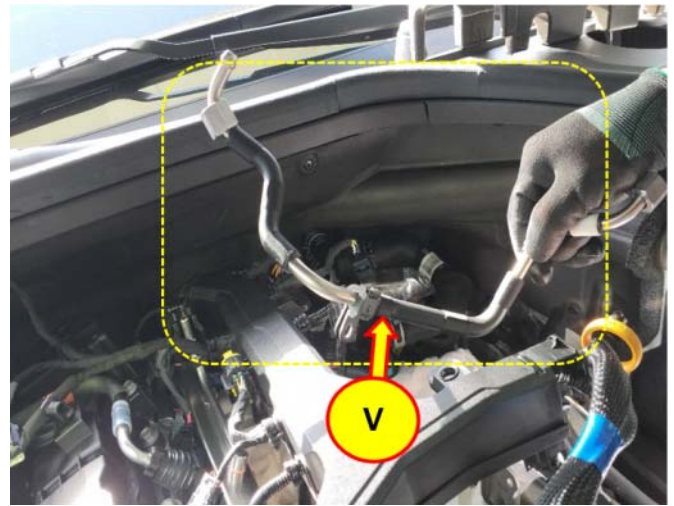


**NOTICE**

Tightening Torque:  
(U) 21.7 lb-ft (29.4 Nm)



20. Remove and discard the high-pressure fuel pipe (V).



21. Install the supplied pipe and reinstall the removed parts in reverse order of removal.

### NOTICE

Refer to the shop manual for the detailed installation procedure.

- Engine Control / Fuel System > Fuel Delivery System > High Pressure Fuel Pump

22. The service procedure is now complete.

- After starting the engine, check for any fuel leaks from the fuel pipe connection points.