 <b>HYUNDAI</b>   NEW THINKING. NEW POSSIBILITIES.	GROUP <b>CAMPAIGN</b>	NUMBER <b>15-01-023</b>
	DATE <b>MAY 2015</b>	MODEL(S) <b>VELOSTER (FS)</b>
<b>Technical Service Bulletin</b>		
<b>SUBJECT: FUEL FEED TUBE REPLACEMENT (SERVICE CAMPAIGN 937)</b>		

<b>* IMPORTANT</b>
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**\*\*\* Retail Vehicles Only \*\*\***

Dealers must perform this Service Campaign 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 2013-14MY VELOSTER (FS) vehicles equipped with the 1.6L Turbo GDI engine, the "Check Engine Light" may illuminate with DTC P0087 (Fuel Rail/System Pressure – Too Low) stored in the ECM due to an internal restriction of the fuel feed tube.

The vehicle may also exhibit one or more of the following conditions:

- Hesitation and/or slight reduction in power during acceleration
- Abnormal shifting and RPM flare during hard acceleration

Follow the procedure outlined in this bulletin to replace the fuel feed tube assembly with a new campaign part.

**Applicable Vehicles:**

- Certain 2013-14MY Veloster (FS) equipped with 1.6L Turbo GDI engines

**Parts Information:**

Part Name	Previous	New
Fuel Feed Tube Assembly	31310-2V950	<b>31310-2V950-QQH</b>

**Warranty Information:**

Op. Code	Operation	Op. Time
50C001R0	Fuel Feed Tube Replacement	1.4 M/H

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

**Service Procedure:**

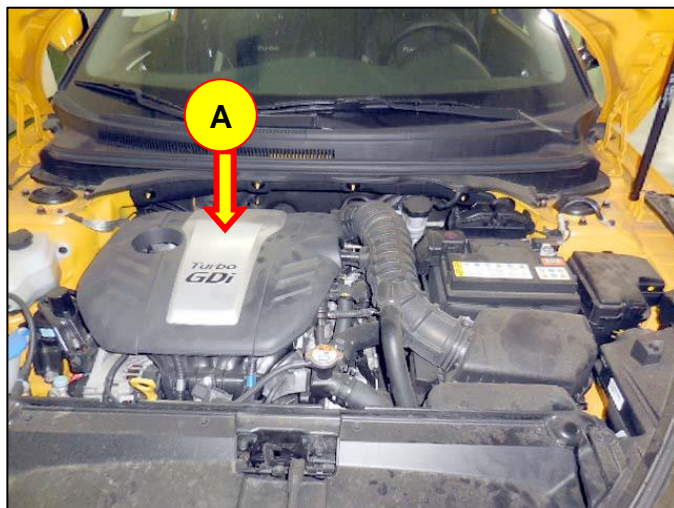
**⚠ CAUTION**

Prior to starting the service procedure, refer to the Shop Manual to release the residual pressure in the fuel feed line:

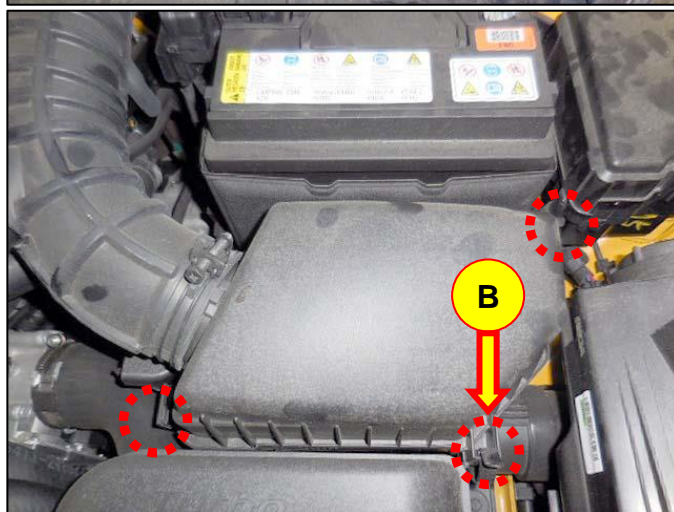
- Engine Control/Fuel System → Fuel Delivery System → Repair procedure

This will help prevent fuel spray from the fuel feed tube during the disassembly.

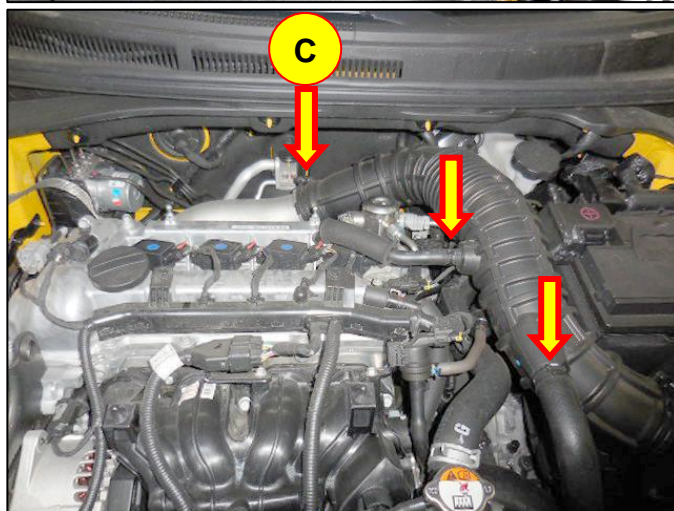
1. Remove the engine cover (A).



2. Release the air cleaner cover clamps (B).

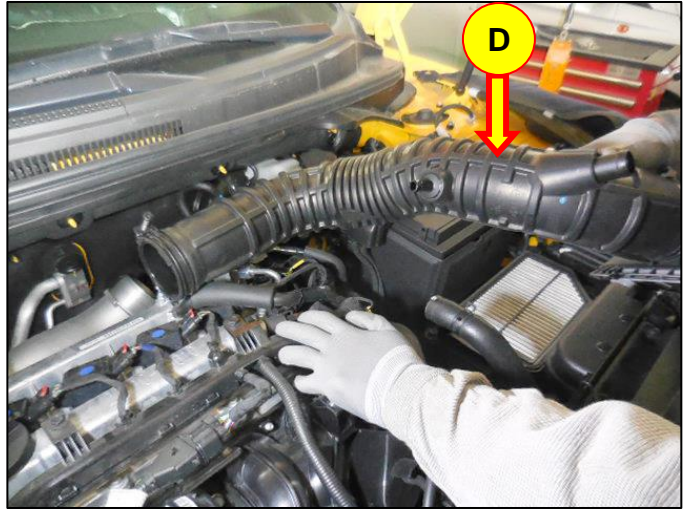


3. Release the air intake hose clamps (C).

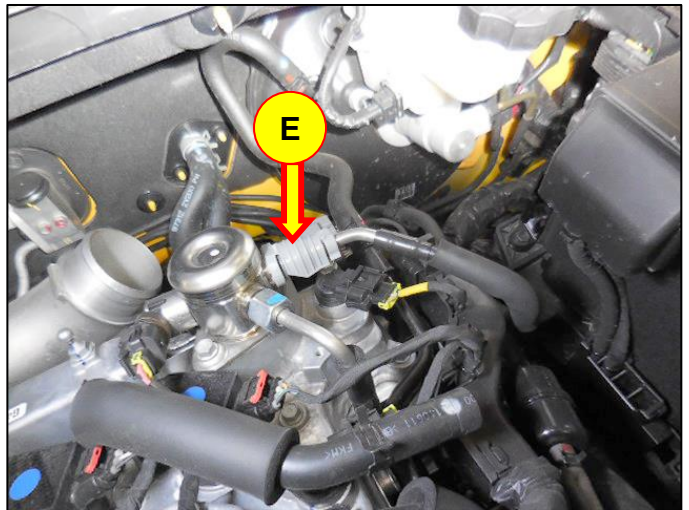
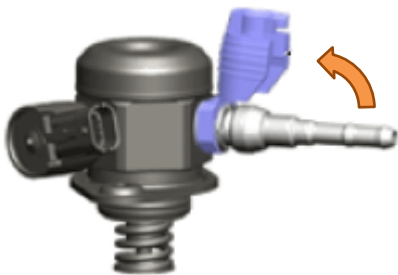


**Tightening torque: 4Nm (36lb-in)**

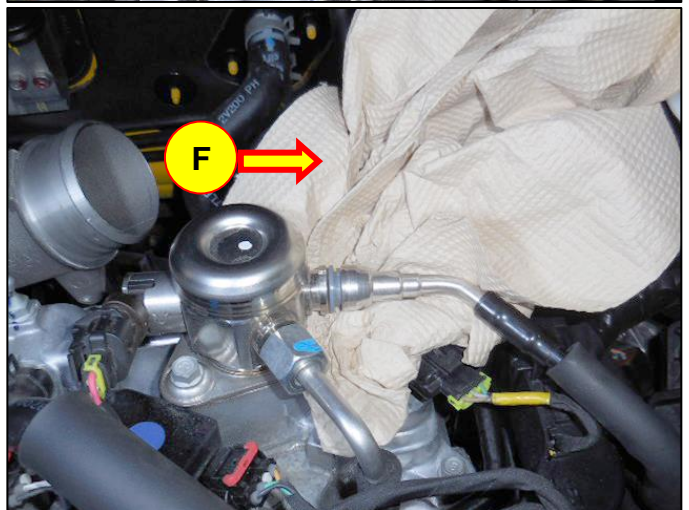
4. Remove the air cleaner cover and the hose (D).



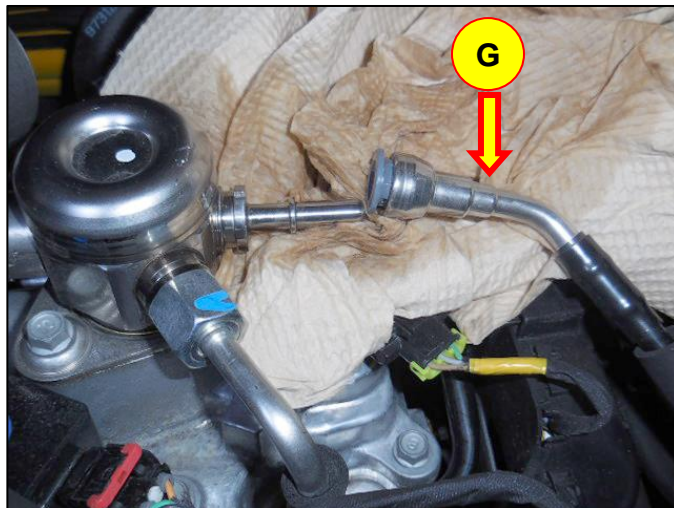
5. Open the clamp cover (E) of the fuel feed tube.



6. Put a clean workshop towel (F) under the fuel feed tube to absorb any dripping fuel during the next steps.



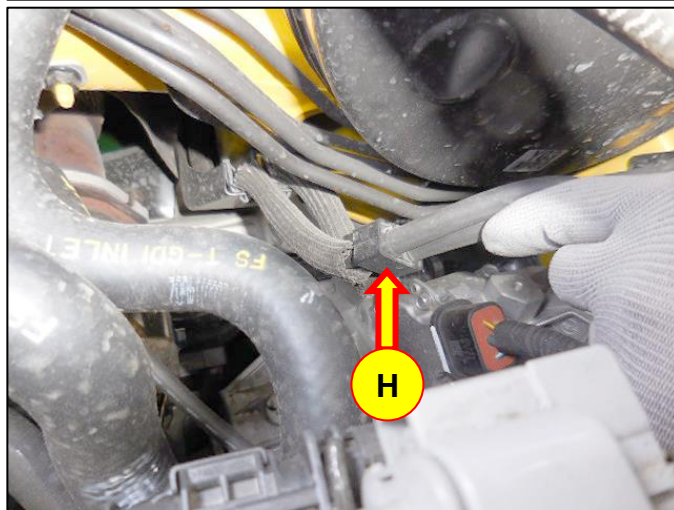
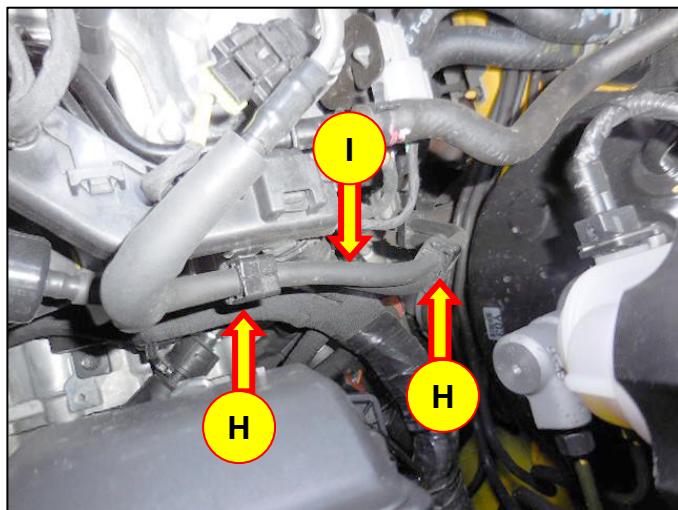
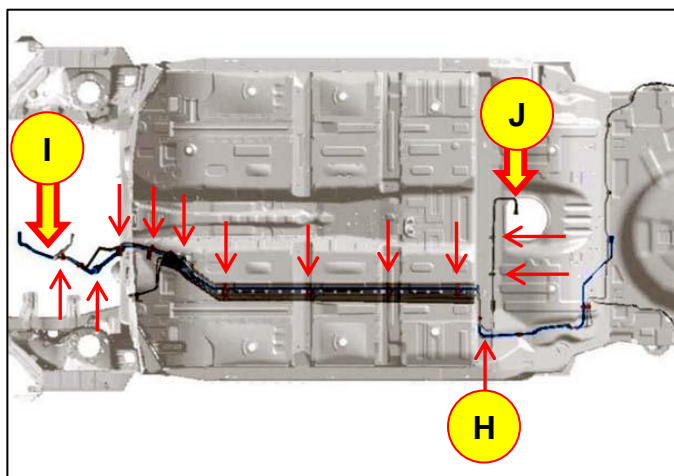
7. Disconnect the fuel feed tube quick-connector (G).



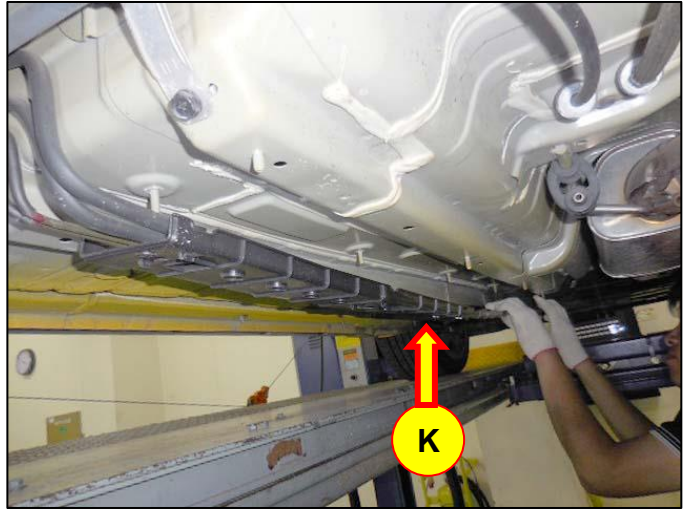
**NOTICE**

*The red arrow on the right picture shows the location of the fuel feed tube holder (H) from the engine side (I) to the fuel tank side (K).*

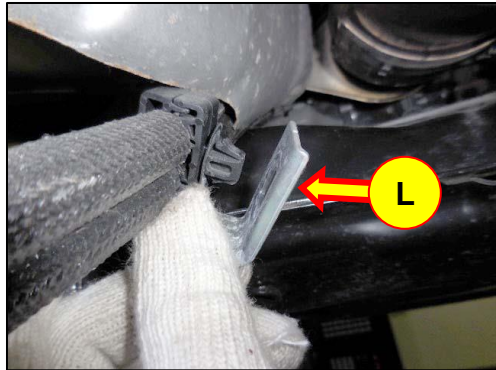
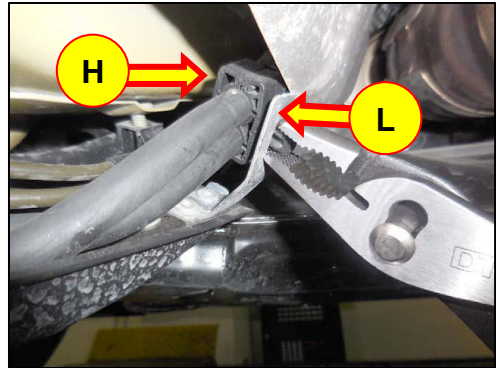
8. Release the fuel feed tube holder (H) to separate the fuel feed tube (I) on the engine room side.



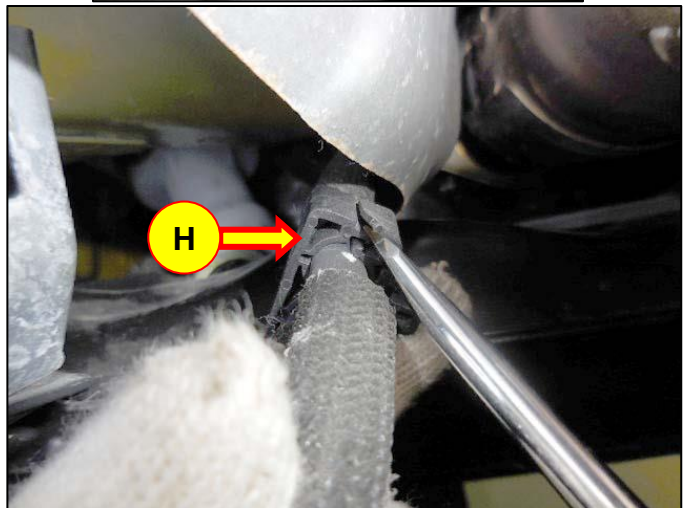
9. Remove the fuel feed tube cover (K).

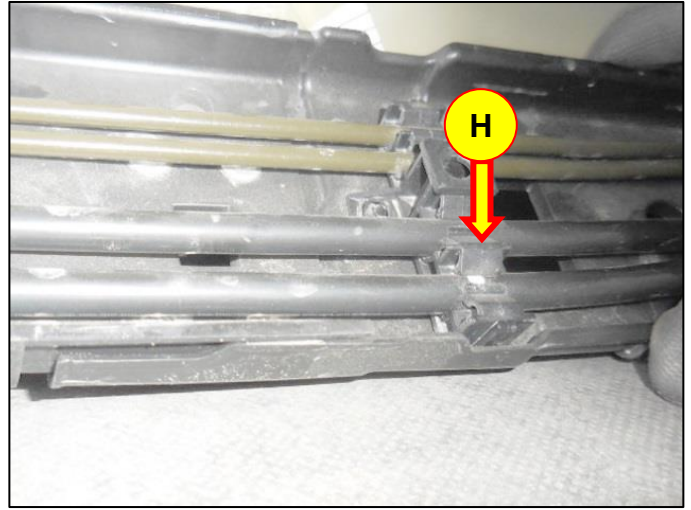


10. Separate the clamp (L) from the fuel feed tube holder (H).

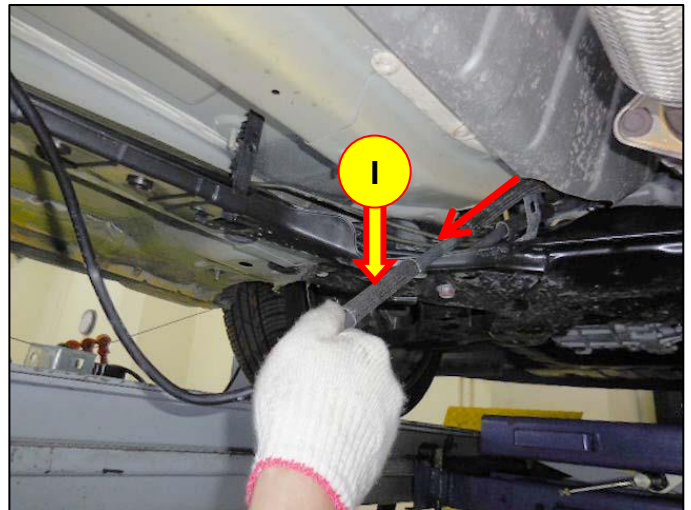


11. Release the holder (H) clip and separate the fuel feed tube from the holder.





12. Remove the fuel feed tube (I) on the engine room side.



13. Remove the rear seat cushion by loosening the cushion mounting bolts (M).

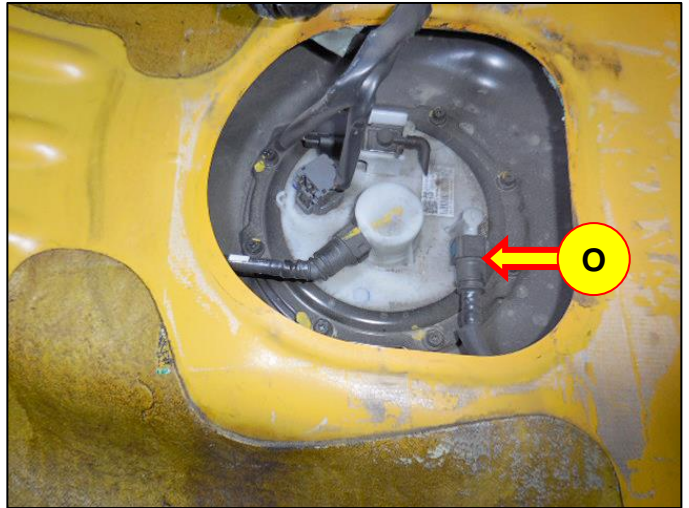
**Tightening torque: 22 Nm (16 lb-ft)**



14. Remove the fuel tank service cover (N).



15. Disconnect the quick-connector (O).

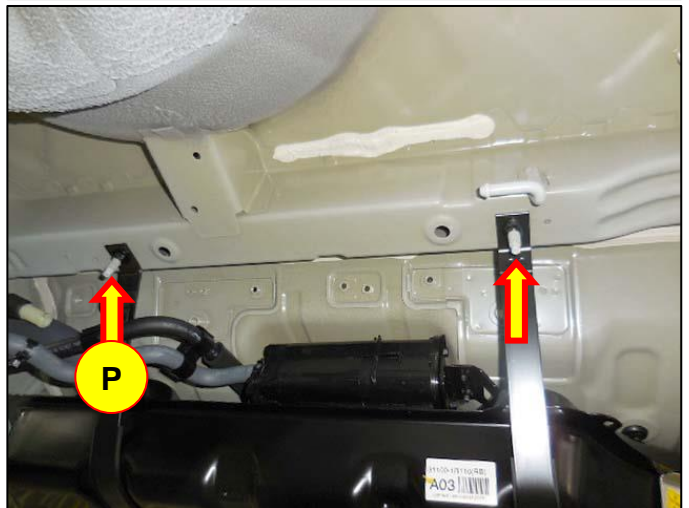


16. Partially loosen the fuel tank band mounting nuts (P) on both sides, but do not remove the nuts completely.

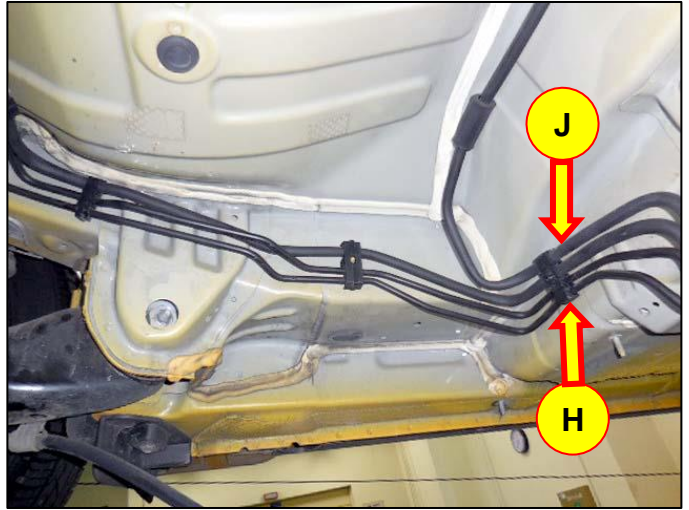
**Tightening torque: 46Nm (34lb-ft)**

**NOTICE**

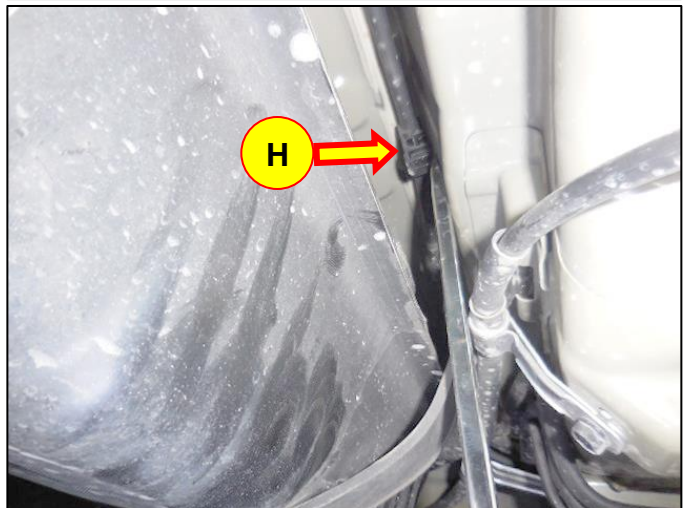
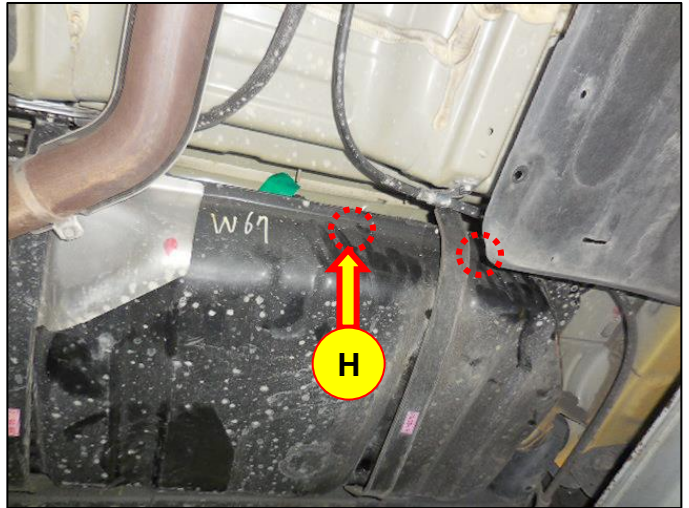
Do not remove the fuel tank band (P) mounting bolts completely.



17. Release the holder (H) to separate the fuel feed tube (J).

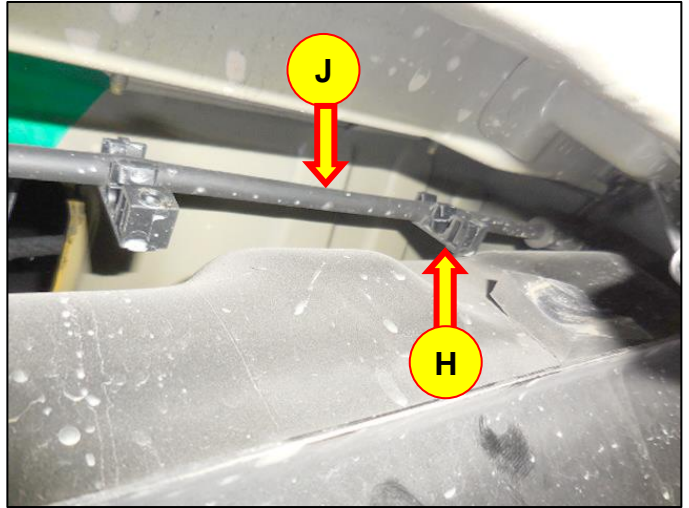


18. Separate the holder (H) from the body.





19. Separate the fuel feed tube (J) from the holder (H).



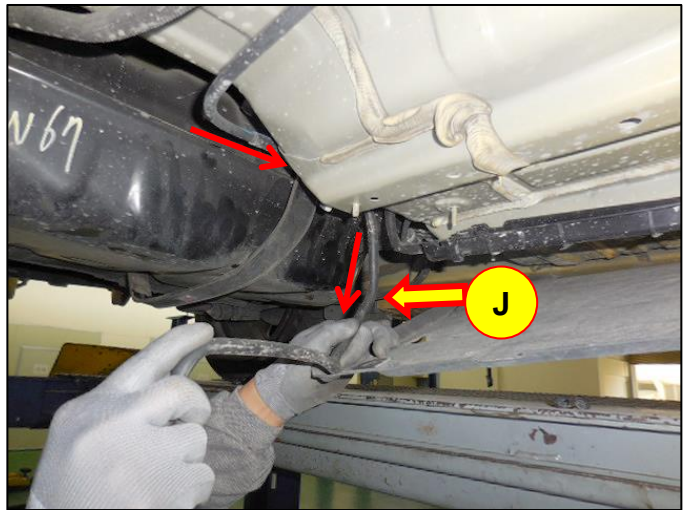
20. Remove the fuel feed tube (J) on the fuel tank side.

21. Install new fuel feed tube and then reinstall all the removed parts in the reverse order of removal.

**NOTICE**

**Be sure to properly retighten the fuel tank band mounting nuts that were loosened in Step 16.**

***Tightening torque: 46Nm (34lb-ft)***



22. Clear any stored related DTCs in the ECM using the GDS.

23. Clear any DTCs in the BlueLink system per instructions of TSB 12-BE-005-2.

24. Verify repair.