



Technical Service Bulletin

GROUP

RECALL

NUMBER

22-01-047H

DATE

AUGUST 2022

MODEL(S)

SONATA (YFa)

SUBJECT: 2013–2014MY SONATA (YF)
FUEL TUBE REPLACEMENT (RECALL 227)

This TSB supersedes 20-01-030H to terminate Recall 189 to relaunch as Recall 227 with the revision of the service procedure to include 100% fuel tube replacement.

★ IMPORTANT

*** Retail Vehicles ***

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, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the "Vehicle Information" screen (VIS) via WEBDCS to identify open recalls.

Description:

On certain 2013-2014MY Sonata vehicles, the fuel feed line connecting the low-pressure fuel pump to the direct injection fuel pump could develop a small crack over time due to ambient heat in the engine compartment. A damaged fuel line could allow fuel to leak, increasing the risk of an engine compartment fire.

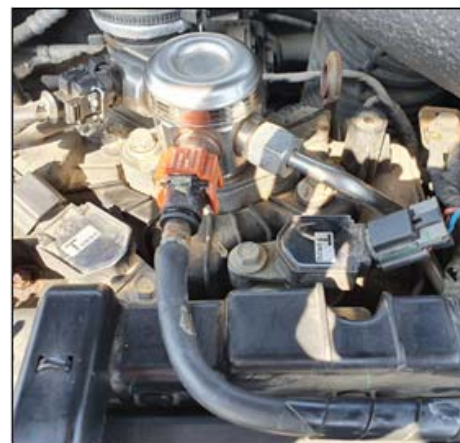
Replace the fuel tube connecting the low-pressure fuel line under the vehicle to the direct injection fuel pump using the service procedure outlined in this bulletin.

STUI

This TSB includes a STUI video as a requirement.

- Where indicated, please ensure video shows the VIN plate and/or RO (with the VIN).
- Ensure the VIN is clearly visible.
- Finally, please ensure the video is completed according to the steps in this TSB on page 6 and uploaded to STUI.

All submitted claims are subject to debit that have an incomplete video and/or that do not capture the VIN, date code, or cutting of the existing tube.



Applicable Vehicles: Certain 2013-14MY Sonata (YFa) equipped with 2.4L and 2.0T GDI engines
Production Range: From 11/26/2012 to 02/07/2014

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

SUBJECT:**FUEL TUBE REPLACEMENT (RECALL 227)****Part Information:**

Engine	Figure / Part Name	Part Number	QTY	Comments
Sonata (YF) 2.4L		31310-3Q901QQH	1	Use correct P/N according to the vehicle engine type.
Sonata (YF) 2.0T		31310-3Q101QQH		

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Causal Code
Sonata (YF)	21DA11R0	Fuel Feed Tube Replacement	1.5 M/H	31310-3Q901QQH	B25	ZZ3

NOTE 1: Submit Claim on Campaign Claim Entry Screen

NOTE 2: If a part is found in need of replacement while performing Recall 227 and the affected part is still under warranty, submit a separate claim using the same Repair Order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

NOTE 3: The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the parts are requested and not returned.**

NOTE 4: A STUI video showing the VIN and the removed fuel feed tube assembly portion with the Date Code being cut off is required for campaign claim purposes. The cut portion of the removed fuel tube that has the Date Code is required for parts retention. **Follow the information on page 6 to complete this process after the Service Procedure has been completed.** Claim is subject to debit if STUI video is incomplete and does not capture VIN, Date Code, or cutting of the existing fuel tube.



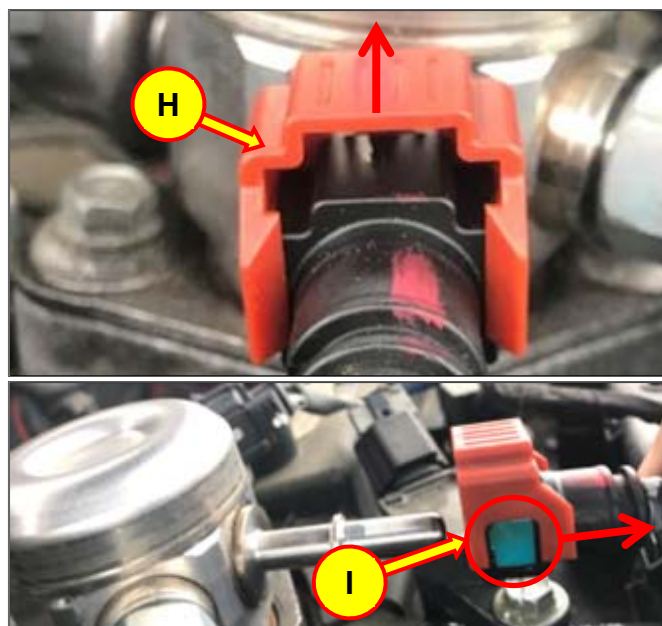
(Refer to the QR link for additional video information →)

Service Procedure:

- Record the vehicle's audio presets, then disconnect the negative (-) battery cable for at least 30 seconds before proceeding to the following steps
- Disconnect the fuel feed tube connector:
 - Disengage the lock by pulling up on the tab (H).
 - Pull away the connector while squeezing the tabs (I) on both sides of the low-pressure fuel line.

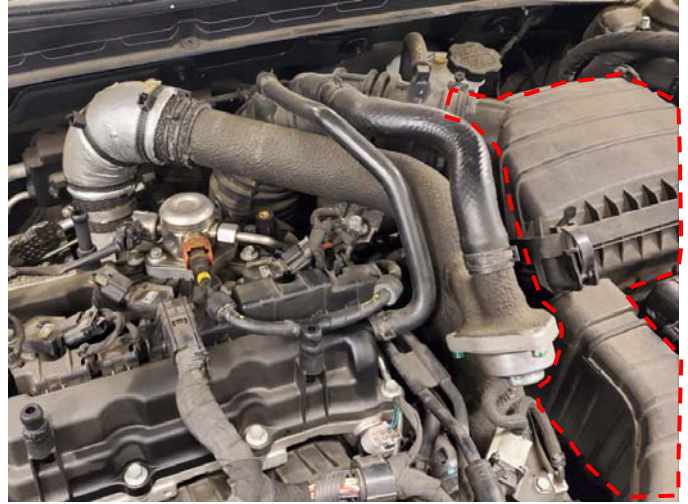
CAUTION

Fuel line may still be pressurized, disconnect the fuel feed connector with caution.

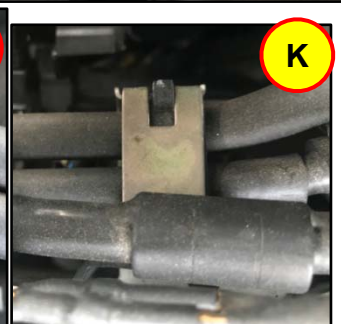
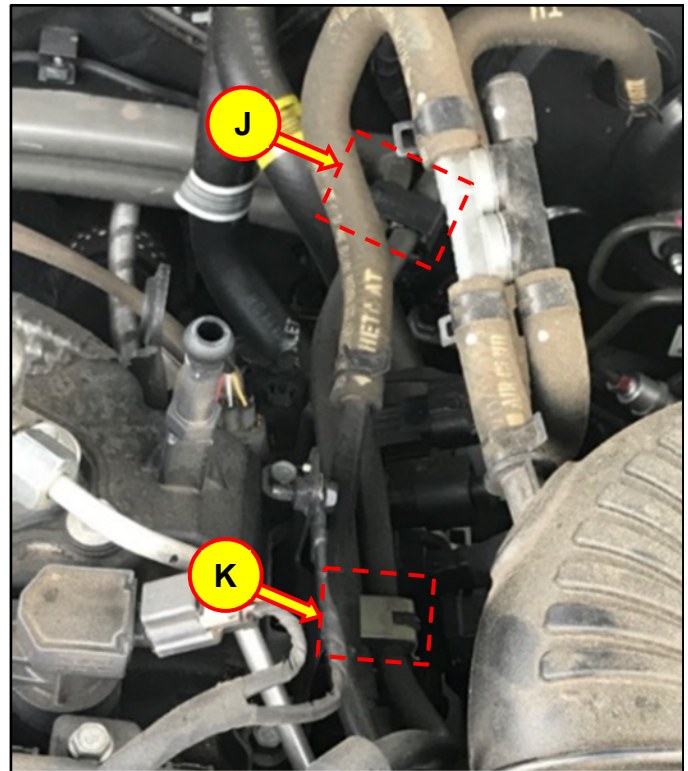


3. **For 2.0L Turbo vehicles**, remove air intake and air ducting according to the applicable vehicle shop manual.

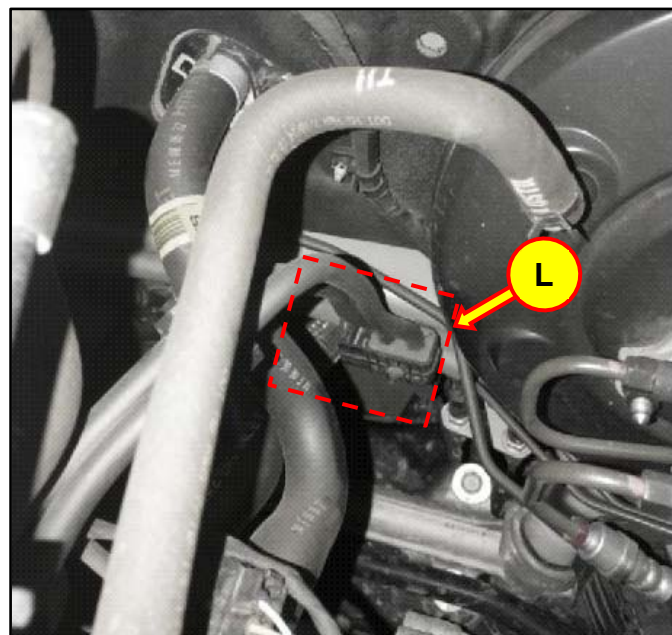
For 2.4L vehicles, skip to Step 4.



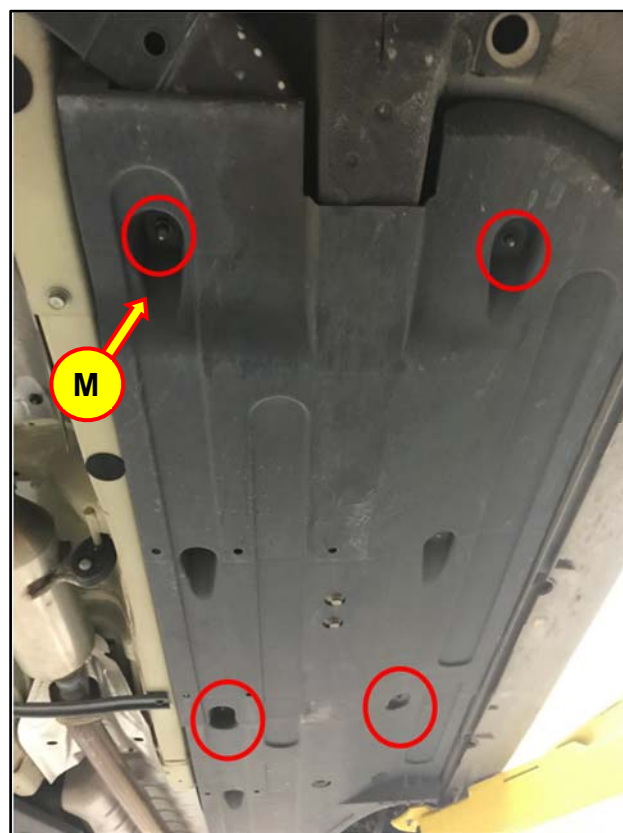
4. Uninstall two bundle clips (J) & (K) located next to the engine to separate the low-pressure fuel line.



5. Disengage the bundle clip (L) attached on the firewall.

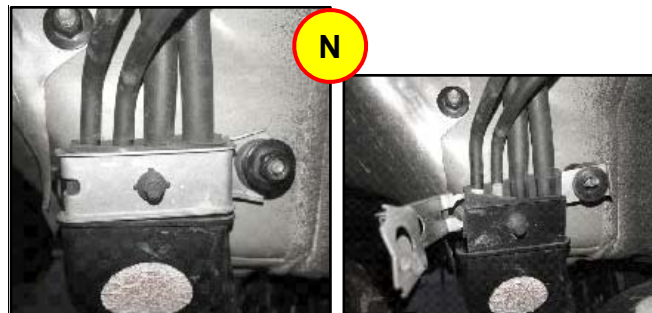


6. Uninstall the lower left hand body cover by removing four nuts (M).

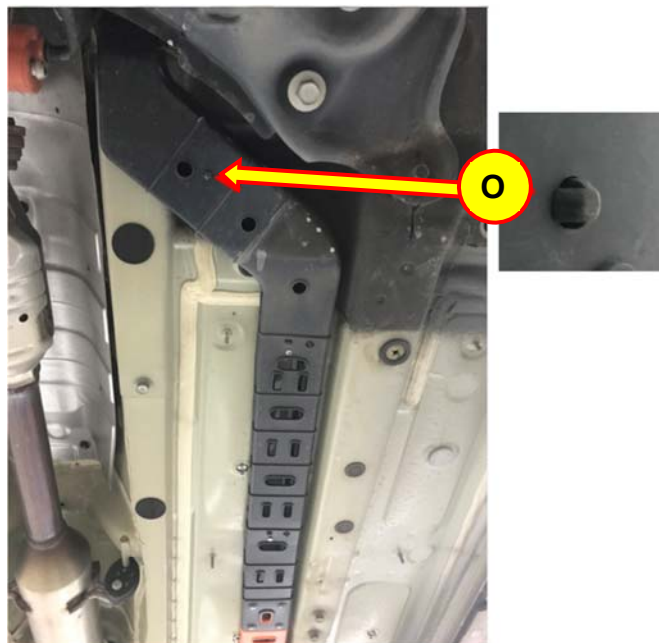


7. Disengage the bundle clip (N) attached on the firewall.

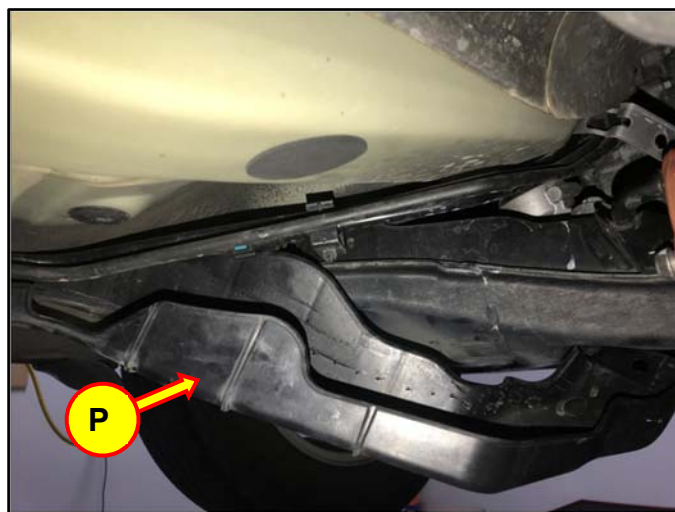
The nut on the bundle clip (N) will need to be removed to open the metal retainer.



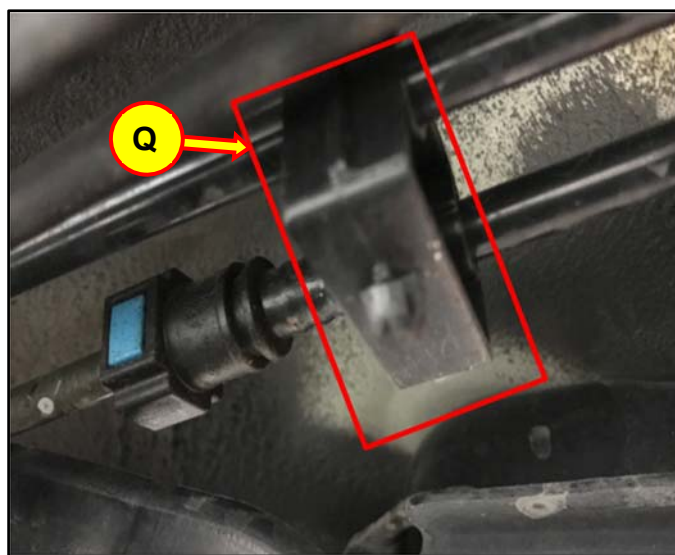
8. Push the center retaining clip (O) through in order to release the line guard.



9. Pull the front half of the line guard (P) down.



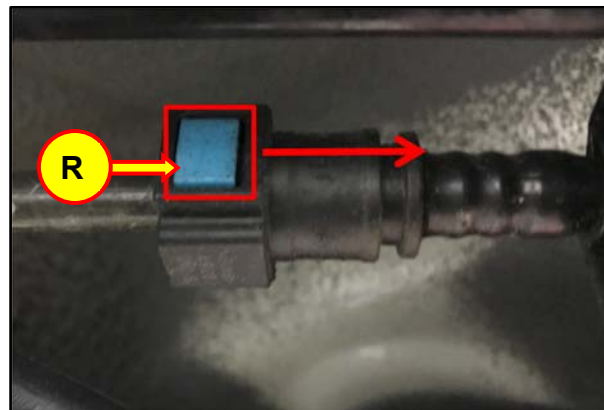
10. Release the low-pressure fuel line from the bundle clip (Q).



11. Disconnect the low-pressure fuel line connector by pulling while squeezing the blue tabs (R) on both sides.

**CAUTION**

Fuel may leak out, once line is disconnected.



12. Install a new fuel feed tube assembly and reinstall all removed parts in the reverse order of removal.
13. Reconnect the negative (-) battery cable and reprogram vehicle's audio presets.
14. Complete the STUI video capture steps below and the incident parts retention process.

STUI video capture and Incident Part Retention process:

(Refer to the QR link for additional video information →)



1. Capture STUI video of the 3 items in one continuous video.
 - Show VIN plate and/or RO (with the VIN) to record the **VIN for 3 seconds**.
 - Show **Date Code** printed located on the exposed tubing (rear connector) for 3 seconds.



- Show the removed fuel tube being **cut 6 inches from black colored quick connector**.



2. **Attach a completed Warranty Parts Tag** onto the cut fuel tube portion with the repair order.
3. Retain the removed part throughout the campaign claim process.
 - If the campaign part is requested to be returned to HMA, place the cut portion of the fuel tube in a padded envelope for mailing to the HMA National Warranty Parts Center.

If multiple fuel tubes from several VINs are available for parts return and will not fit into a single envelope, place them all in a suitably sized box for bulk shipping.