



GROUP	MODEL
Safety Recall Campaign	2013-2014MY Optima (QF) with 2.4L/2.0L T-GDI
NUMBER	DATE
SC228	July 2022

SAFETY RECALL CAMPAIGN

LOW PRESSURE FUEL FEED TUBE

SUBJECT:

REPLACEMENT (SC228)

This bulletin provides the procedure to replace the low-pressure fuel feed tube assembly on certain 2013-2014MY Optima (QF) vehicles produced at Kia Georgia (KaGA) from November 15, 2012 through December 18, 2013. The remedy for previous recall 20V100 (Kia's internal campaign no. SC187) may not have been properly performed in all cases. In some cases, the low-pressure fuel tube may not have been properly repaired with heat protective tape after inspection revealed no damage or leak. In some other cases, the low-pressure fuel tube was repaired with heat protective tape instead of being replaced even though damage might be present. In either case, a subsequent fuel leak can occur. Leaking fuel increases the risk of a fire. Dealers are to replace the low-pressure fuel tube with a new improved one. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



NOTICE

There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.

NOTICE

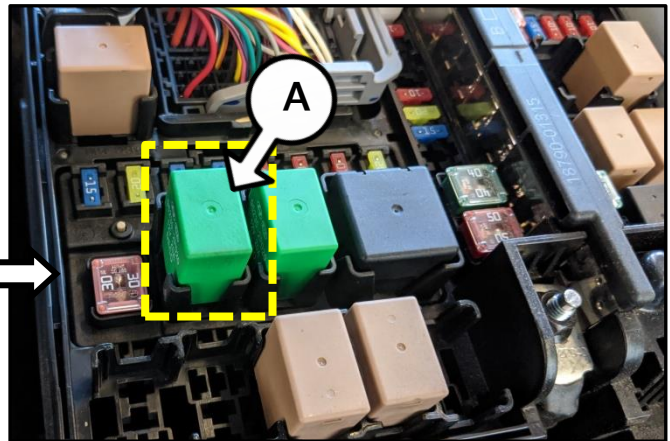
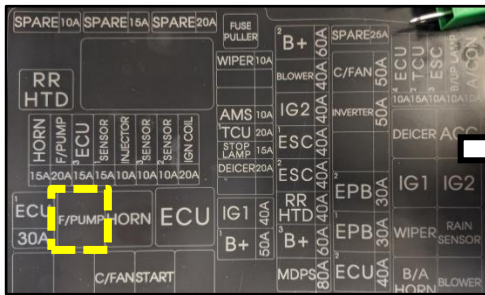
To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

Replacement Procedure:

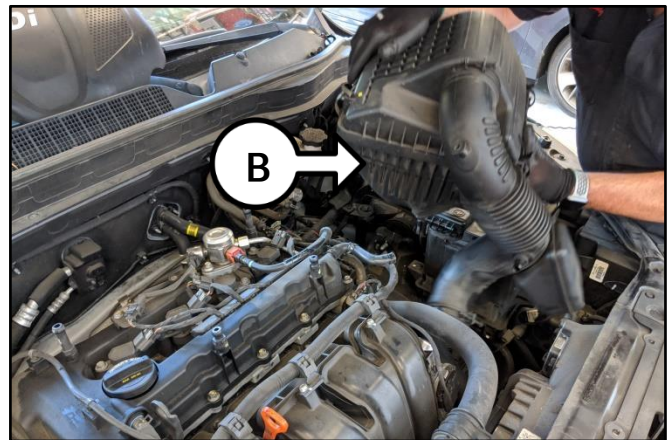
NOTICE

Ensure that the engine is not running, and the ignition is in the OFF position. Vehicle will need to be lifted and lowered on a lift during this procedure. Refer to the applicable Shop Manual on KGIS for more details and/or 2.0L-T application. Note: 2.4L GDI shown for demonstration purposes.

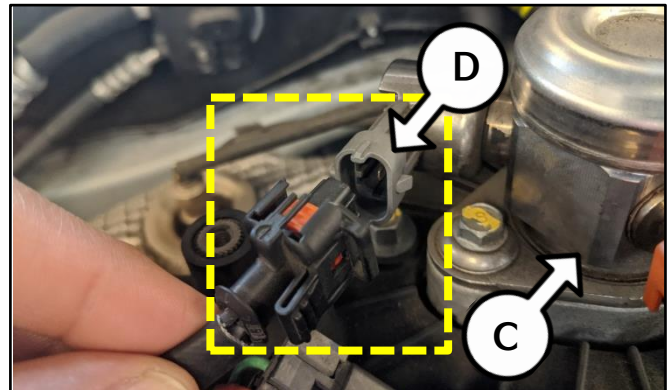
1. On the fuse box located next to the air cleaner assembly, remove the 20A Fuel Pump relay (A).



2. Remove the air cleaner assembly (B).



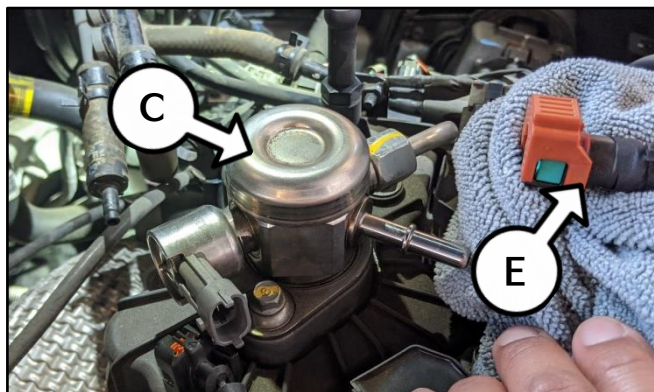
- 3a. Disconnect the high-pressure fuel pump (C) electrical connector (D).
- 3b. Attempt to start the engine to relieve fuel system pressure.



SUBJECT:

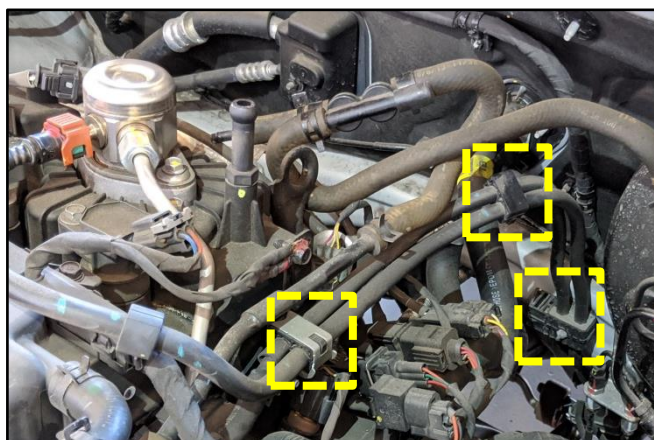
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4. Place a clean rag underneath and disconnect the fuel line (E) from the high-pressure fuel pump (C).

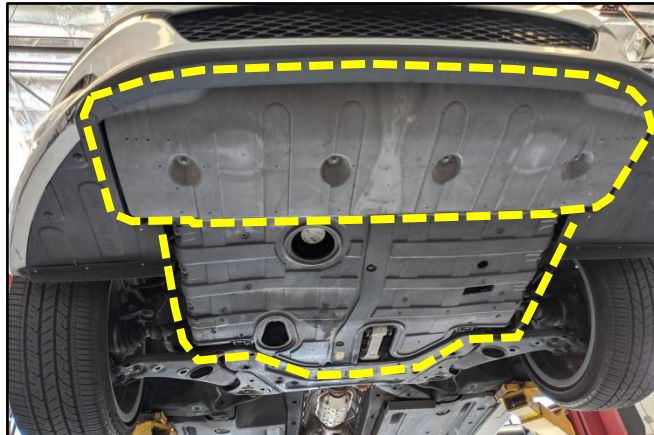


5. Remove/detach the three (3) upper fuel line (E) retaining brackets (2.4L shown).

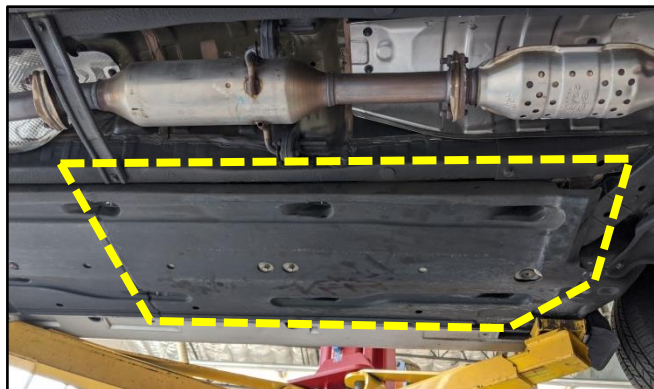
Note: Fuel line bracket(s) routing for 2.0L-T may differ.



- 6a. Raise vehicle on lift.
- 6b. Remove the two (2) bottom engine covers.

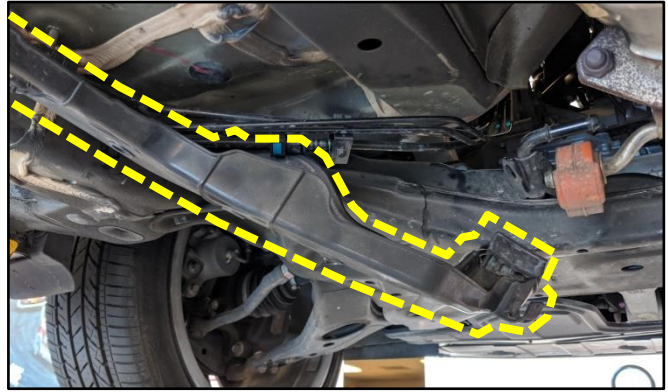


7. Remove the left (driver side) bottom cover.



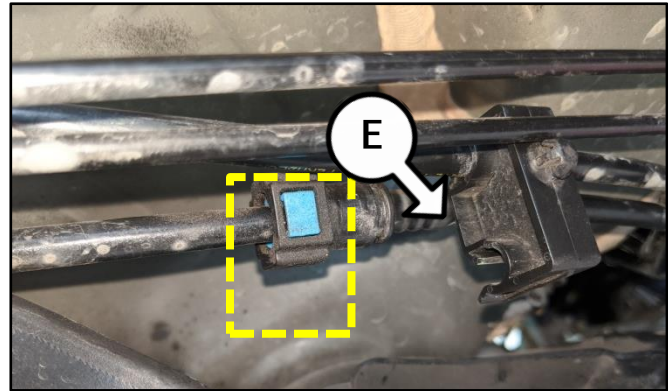
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8. Detach the front bottom fuel line guard/cover and lower as shown.



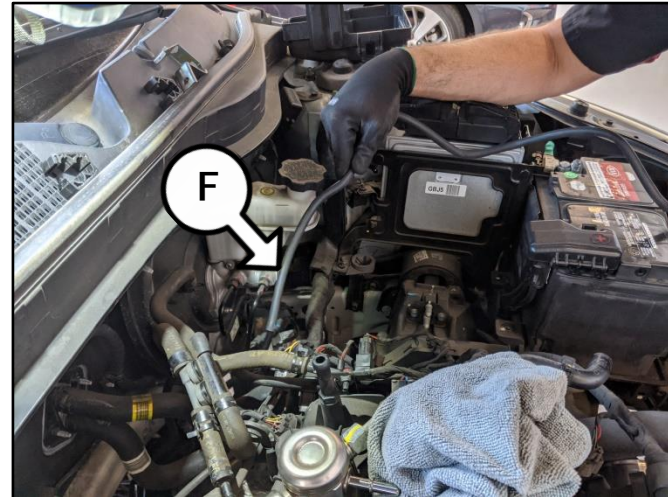
- 9a. Detach the fuel line (E) from the retaining bracket.

- 9b. Press the blue tabs to disconnect/release and remove the fuel line (E).



10. Install the new fuel line (F) in the reverse order of removal.

Note: Ensure fuel line is fully engaged.



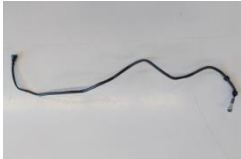
11. Reinstall the fuel pump relay.
12. Start the engine and allow it to idle.
13. Confirm that no leak is present.
14. Install the engine cover.
15. Check for any DTC's stored during the procedure.

SUBJECT:

LOW PRESSURE FUEL FEED TUBE REPLACEMENT (SC228)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Optima (QF)	November 15, 2012 to December 18, 2013

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Fuel Line 2.4L	31310 3Q901QQK		1
Fuel Line 2.0L-T	31310 3Q101QQK		

WARRANTY INFORMATION:**N Code: N99 C Code: C99**

ENG	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
2.4L GDI	R	31310 3Q900	0	(SC228) Low Pressure Fuel Feed Tube Replacement	211A28R0	1.3 M/H	31310 3Q901QQK	1
2.0L T-GDI							31310 3Q101QQK	

Note: If necessary, use sublet code 'X2' for rental expense reimbursement (up to 3 days maximum). Refer to **Warranty Bulletin 2022-29** for claim submission procedures.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC228** when accessing the WebDCS system.

