



GROUP  
Safety Recall Campaign

MODEL  
2013-2014MY  
Optima (QF)  
2.4L/2.0L-T GDI

NUMBER  
SC187 (Rev 3, 03/30/2022)

DATE  
June 2020

## SAFETY RECALL CAMPAIGN

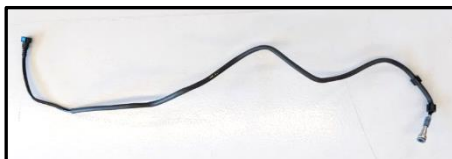
SUBJECT:

### LOW-PRESSURE FUEL FEED TUBE REPLACEMENT (SC187)

#### \* NOTICE

This bulletin has been revised to include updated repair procedure information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This bulletin provides the procedure to replace the low-pressure fuel tube assembly on some 2013-2014MY Optima (QF) vehicles produced at KMMG from November 15, 2012 through December 18, 2013. The material of the low-pressure fuel tube may deteriorate over time and develop a crack from exposure to heat generated within the engine compartment under certain circumstances. If the fuel tube develops a crack, a fuel smell and eventually a fuel leak can occur. A fuel leak increases the risk of a fire. Dealers are to replace the low-pressure fuel tube as outlined in this bulletin. 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.

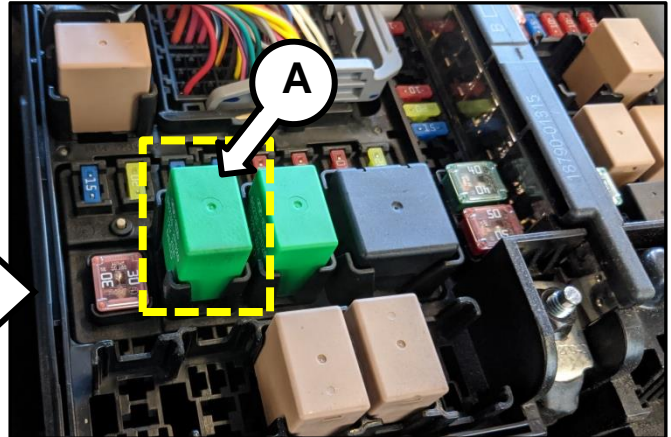
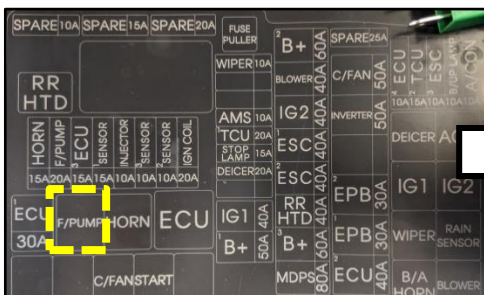
Printed TSB copy is for reference only; information may be updated at any time.  
Always refer to KGIS for the latest information.

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

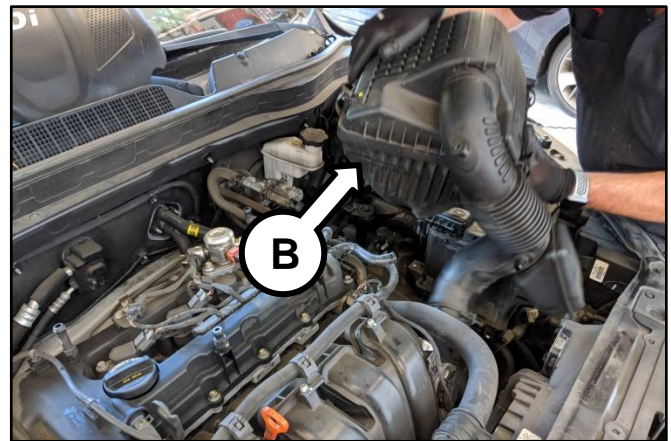
**Replacement Procedure:****★ NOTICE**

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.

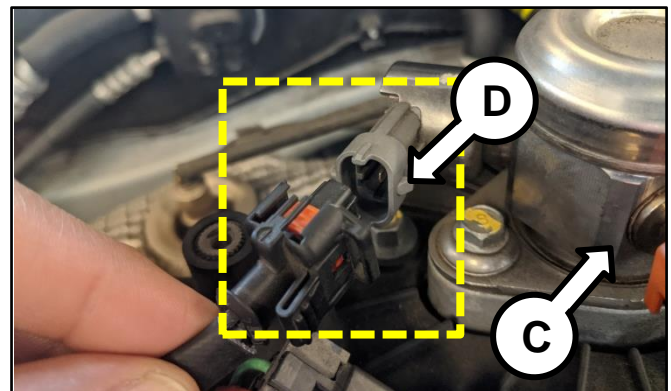
1. On the fuse box located next to the air cleaner assembly, remove the 20A Fuel Pump relay (A).



2. Remove the air cleaner assembly (B).



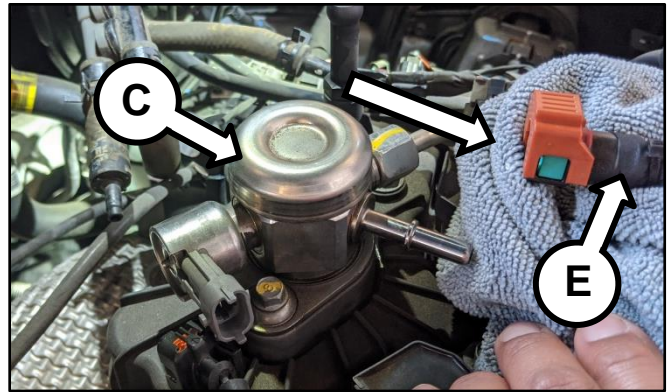
- 3a. Disconnect the high-pressure fuel pump (C) electrical connector (D).
- 3b. Attempt to start the engine to relieve fuel system pressure.



## SUBJECT:

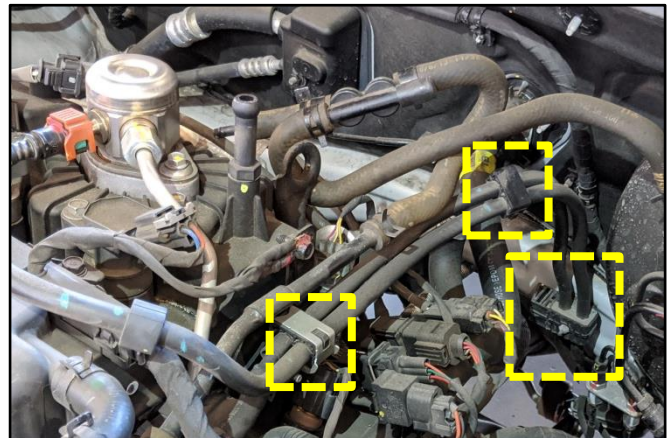
## LOW-PRESSURE FUEL FEED REPLACEMENT (SC187)

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

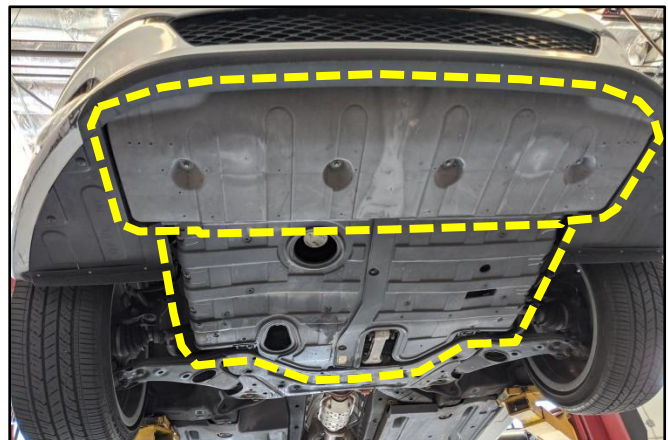


5. Remove/detach the three (3) upper fuel line (E) retaining brackets (2.4L shown).

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.

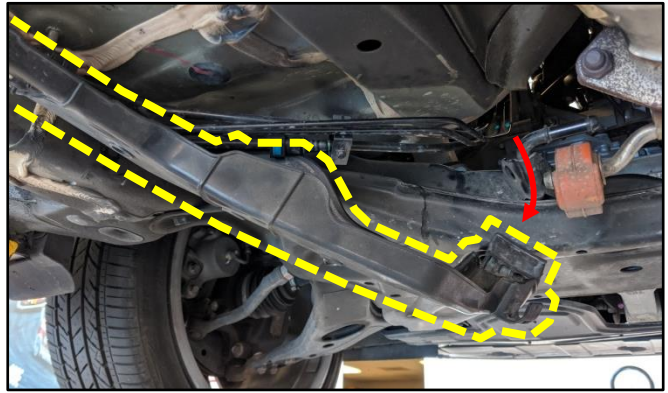


7. Remove the left (driver side) bottom cover.

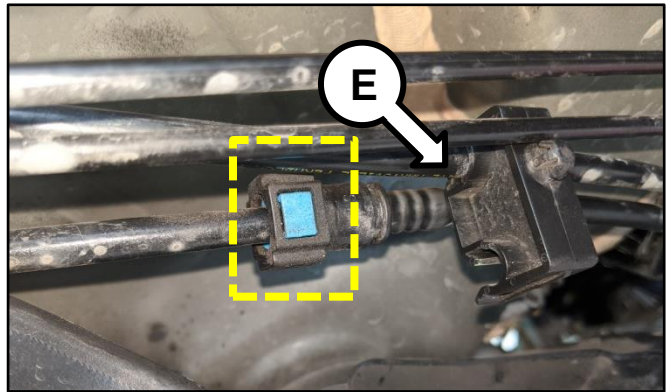




8. Detach the front bottom fuel line guard/cover and lower as shown.

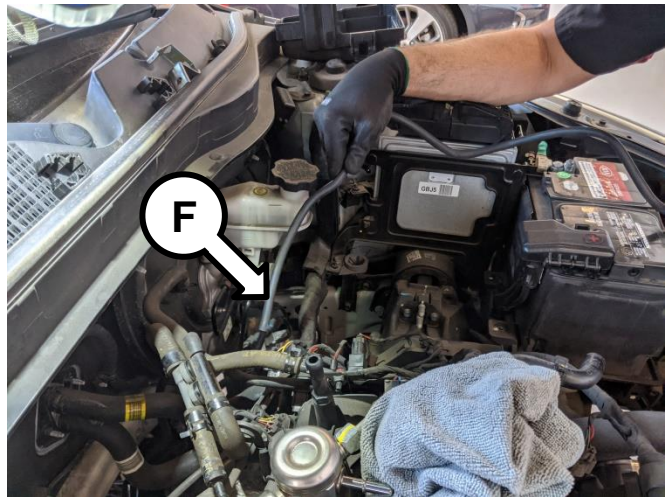


- 9a. Detach the fuel line (E) from the retaining bracket.
- 9b. Press the blue tabs to disconnect/release and remove the fuel line (E).



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.

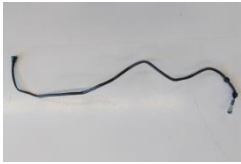
## SUBJECT:

## LOW-PRESSURE FUEL FEED REPLACEMENT (SC187)

## AFFECTED VEHICLE RANGE:

Model	Production Date Range
Optima (QF)	November 15, 2012 through 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

Claim Type	ENG	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	2.4L 2.0L-T	31310 3Q900	0	(SC187) Low-Pressure Fuel Feed Tube Replacement	201A02R1	1.3 M/H	31310 3Q901QQK	1
							31310 3Q101QQK	

**Note:** When necessary, manually enter sublet code 'X2' for reimbursement of one roundtrip rideshare expense or up to three (3) days of rental. Attach supporting documentation.

## \* NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC187 when accessing the WebDCS system.

