



GROUP	MODEL
Safety Recall Campaign	2012-2013MY Optima (QF)
NUMBER	DATE
SC284QF	April 2024

## SAFETY RECALL CAMPAIGN

SUBJECT:

### HECU MULTI FUSE REPLACEMENT (SC284QF)

This bulletin provides information to replace the multi fuse of the Hydraulic Electronic Control Unit (HECU) and install an updated junction box label on certain 2012-2013MY Optima (QF) vehicles produced from August 12, 2011 through July 11, 2013. An engine compartment fire may occur in the area where the HECU is located. The HECU may experience an internal electrical short circuit condition that can result in overcurrent, thereby increasing the risk of an engine compartment fire while the vehicle is driven or while parked. Dealers are to install new fuses to prevent an electrical short circuit condition in the HECU's electrical circuit board. Customers may experience illumination of the Malfunction Indicator Lamp (MIL), ABS warning light, burning/melting smell, and/or smoke from the engine compartment. Follow the procedure outlined in this publication to install a new multi fuse and junction box cover label on the applicable vehicle. 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.**

Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on KDealer+ (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

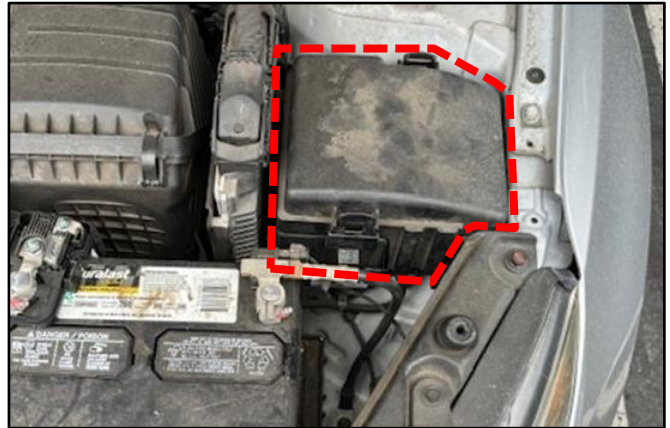
**Replacement Procedure:**

1. Open the hood.

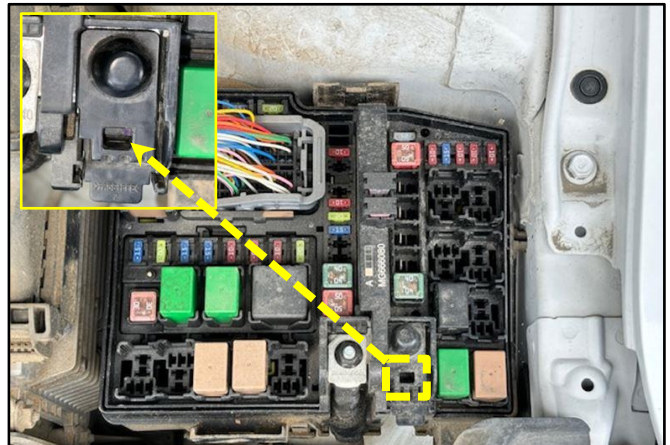
2. Disconnect the negative (-) battery terminal.



3. Remove and discard the junction box fuse cover.



4. Disengage the clip and pull up to remove the bolt cover (A).



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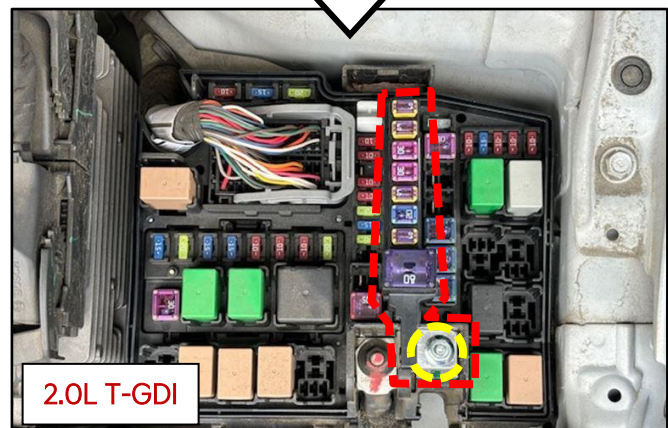
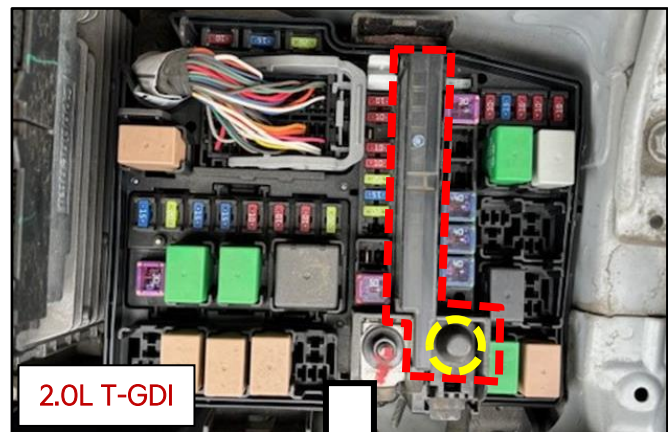
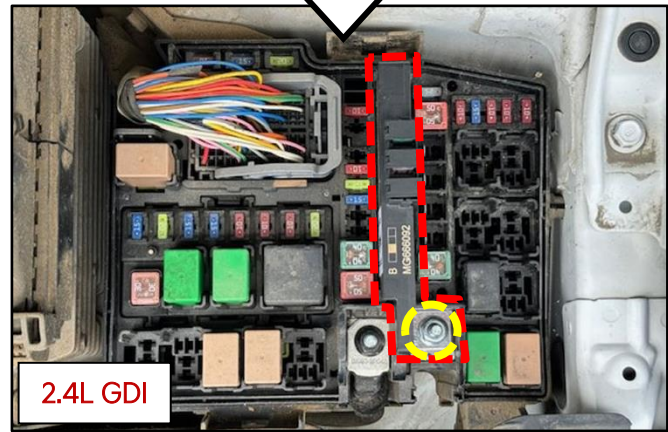
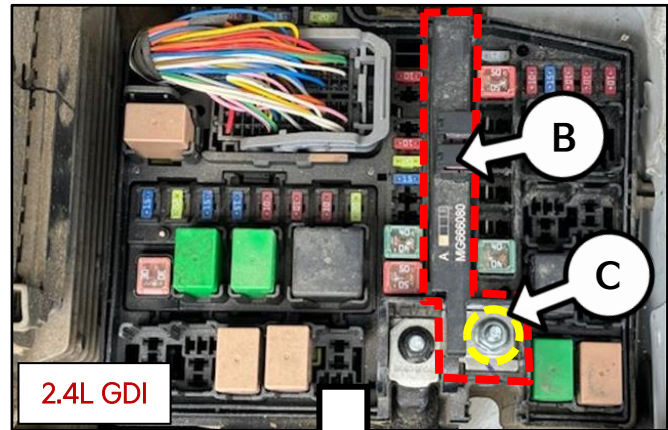
- 5a. Locate the Multi Fuse (B) for ABS1 and loosen the 10mm Multi Fuse retaining nut (C) and remove the Multi Fuse.
- 5b. Install the **new** Multi Fuse (B) and tighten the retaining nut (C).



Tightening torque for retaining nut (B):  
7.2 - 8.7 lb.ft (9.8 - 11.8 N.m)

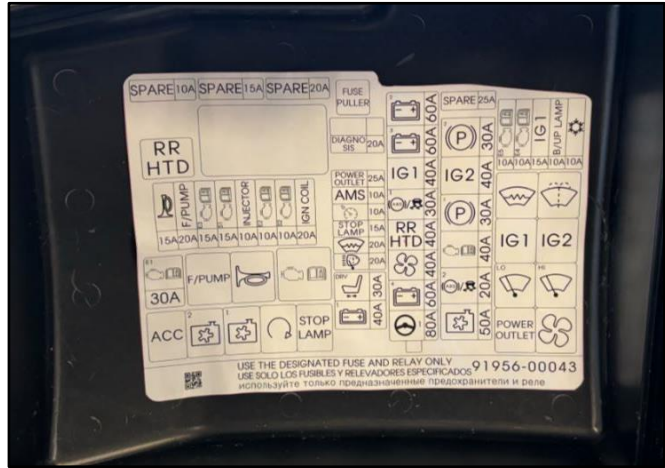
Note: The Multi Fuse designs differ between 2.4L GDI and 2.0L T-GDI vehicles.

Note: Drill a hole through the center of the removed Multi Fuse. DO NOT reuse.



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- 6. Adhere the new fuse label to the bottom of the new junction box fuse cover, as shown.



- 7. Reinstall all removed parts in reverse order of removal.




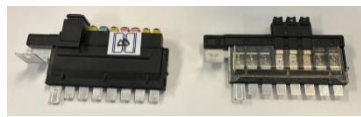


SUBJECT:

**HECU MULTI FUSE REPLACEMENT (SC284QF)****AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Optima (QF)	August 12, 2011 to July 11, 2013

**REQUIRED PART:**

Part Name	Part Number	Comment	Figure	Qty.
Fuse & Label Kit	91QF1 11200QQK	2.4L GDI		1
	91QF2 11200QQK	2.0L T-GDI		

Note: Order Quantity will be controlled by a UIO% per dealer net submitted warranty claims. No VIN entry will be required. To keep the supply of parts flowing, please be sure to expedite warranty claim filing. As supply becomes more available, the maximum order quantity limit may be increased or removed.

**WARRANTY INFORMATION:**

N Code: N99 C Code: C99

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	58920 2T550	0	(SC284QF) HECU Fuse and Label Kit Installation	241A04R0	0.3 M/H	91QF1 11200QQK or 91QF2 11200QQK	1

Note: Refer to [Warranty Bulletin 2024-23](#) for claim submission procedures. Manually enter sublet code 'X2' for reimbursement of one roundtrip rideshare expense or up to three (3) days of rental expense, with supporting documentation.

**NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC284QF when accessing the KDealer+ system.