



GROUP
Safety Recall Campaign

MODEL
**2018-2021MY
Stinger (CK)**

NUMBER
SC196 (Rev 1, 02/23/2021)

DATE
November 2020

SAFETY RECALL CAMPAIGN

SUBJECT:

**NEW FUSE KIT INSTALLATION IN JUNCTION BOX
(SC196/SC196A)**

★ NOTICE

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

This bulletin provides the procedure to install a new fuse kit in the junction box on:

- Original Scope (SC196) – certain 2019 MY Stinger vehicles equipped with the 3.3L Turbo-GDI engines, manufactured from June 21, 2018 through July 9, 2019, and
- Amended/Expanded Scope (SC196A) – certain 2018-2021 MY Stinger vehicles not equipped with the Smart Cruise Control (SCC), manufactured from October 11, 2017 through November 16, 2020.

The affected vehicles may exhibit numerous warnings, including illumination of the tire pressure warning light, ABS warning light, MIL warning light, a burning/melting smell and/or smoke from engine compartment in the area where the Hydraulic Electronic Control Unit (HECU) is located. It is believed that the electrical circuit within the HECU experiences a short circuit condition that results in excessive current, thereby increasing the risk of an engine compartment fire. 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.

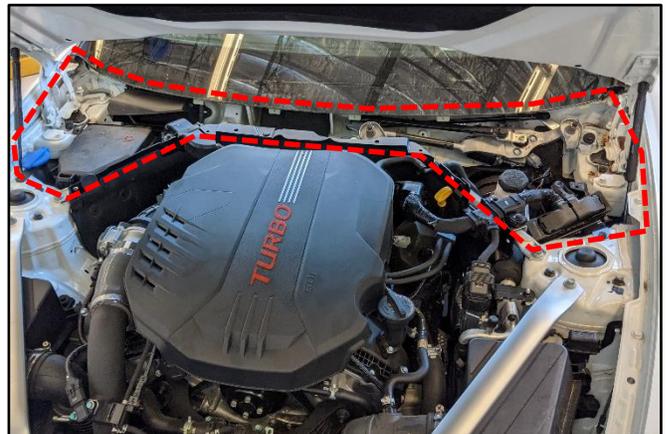
Circulate To: General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

Repair Procedure:

1. Open the tail gate and remove the rear luggage cover mat and then the center tray to expose the main battery.
2. Disconnect the negative (-) battery cable and place aside ensuring that it does not contacting any metal surface.



3. Remove the Cowl Top Cover (incl. reservoir side cover, relay box side cover and wiper arms) by referring to the “Body (Interior and Exterior) → Cowl Top Cover → Repair procedures” chapter in the applicable Shop Manual on KGIS.

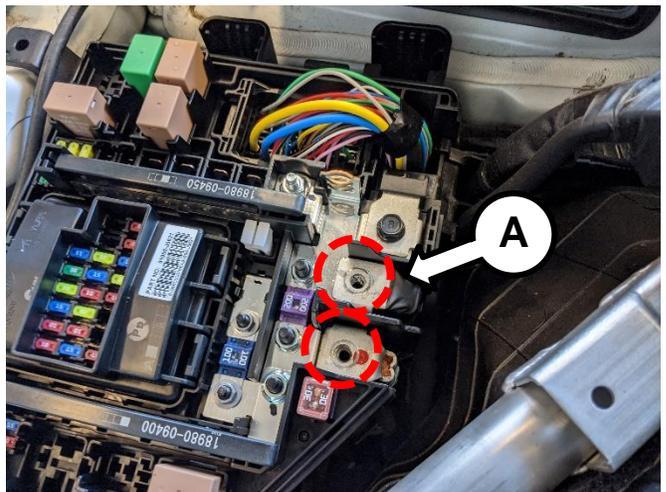


Note: 3.3L T-GDI Shown for reference use only (also applicable to 2.0L T-GDI).

4. Remove the two (2) junction box battery terminals (A).

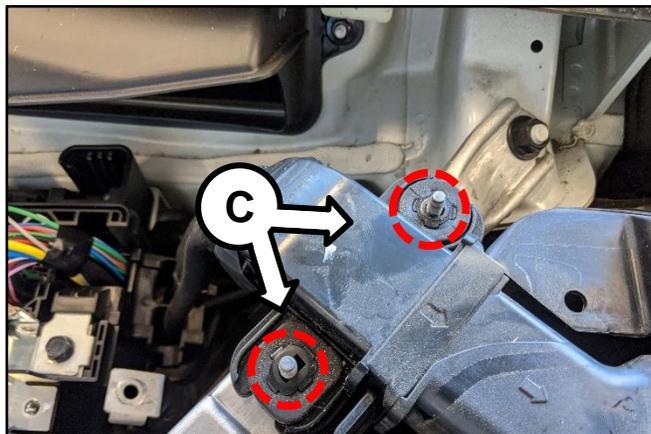
ⓘ IMPORTANT

Before removing the two (2) terminals, mark their positions to prevent position change.

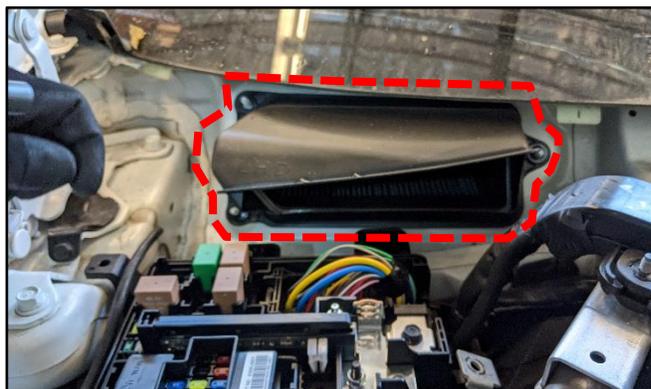


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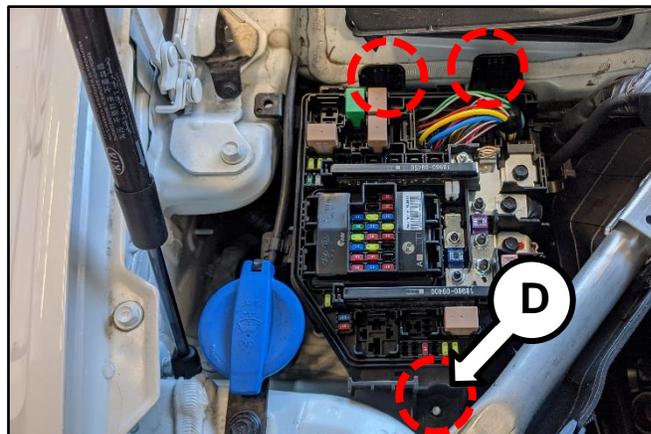
5. Loosen the two (2) wiring guide nuts (C) and separate the wiring guide.



6. Remove the cabin air filter cowl.

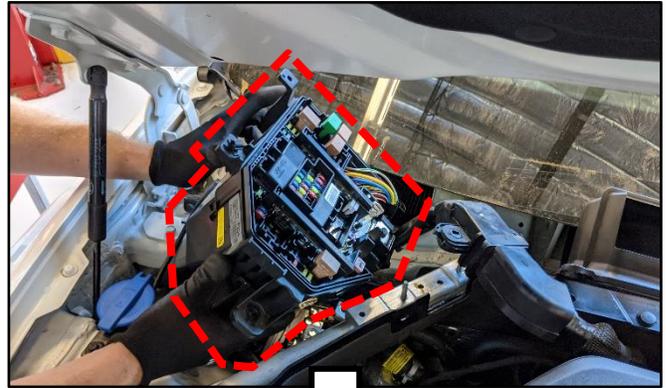


7. Loosen the three (3) junction box retaining nuts (D).

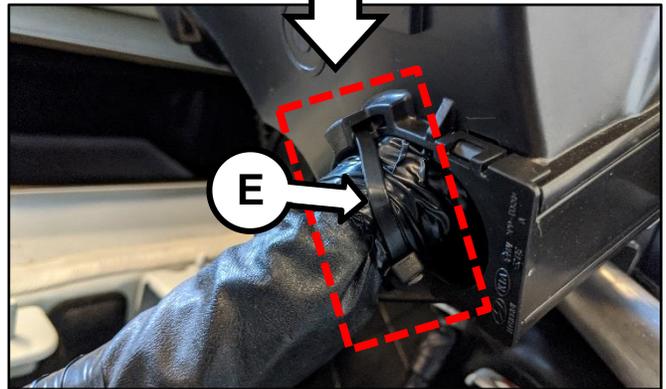


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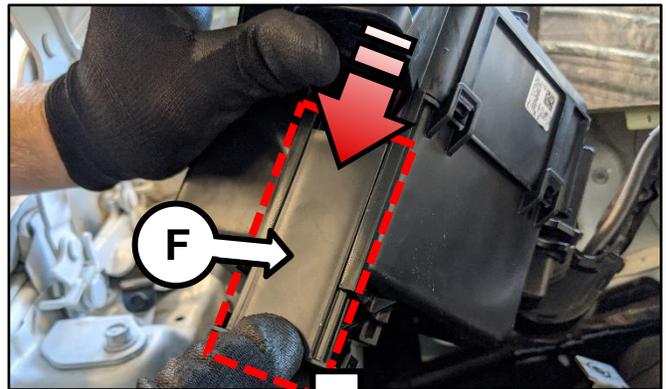
8a. Lift to detach the junction box.



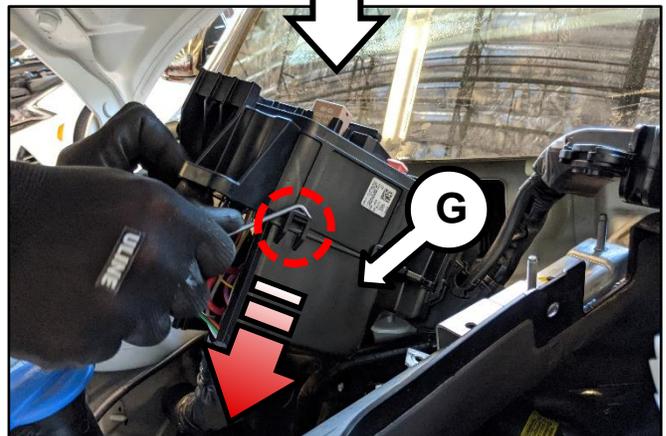
8b. Remove cable band (E) secured to the junction box.



8c. Using a pick tool, unclip the junction box side cover (F) and slide down to remove the cover (F).



8d. Using a pick tool, unclip the seven (7) bottom junction box cover (G) retaining clips.

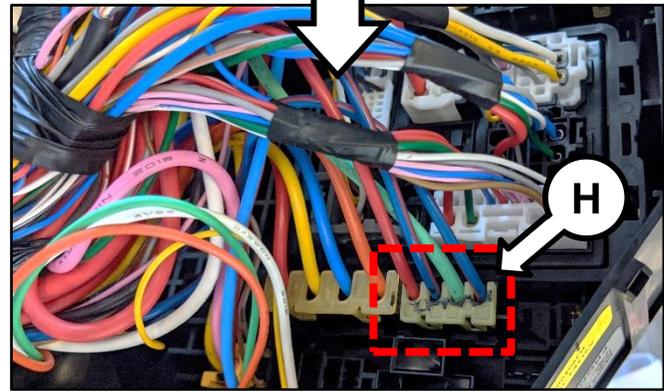
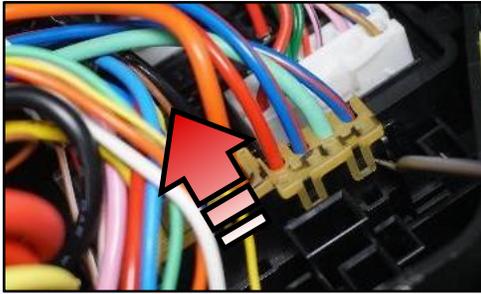


8e. Remove the bottom cover (G).

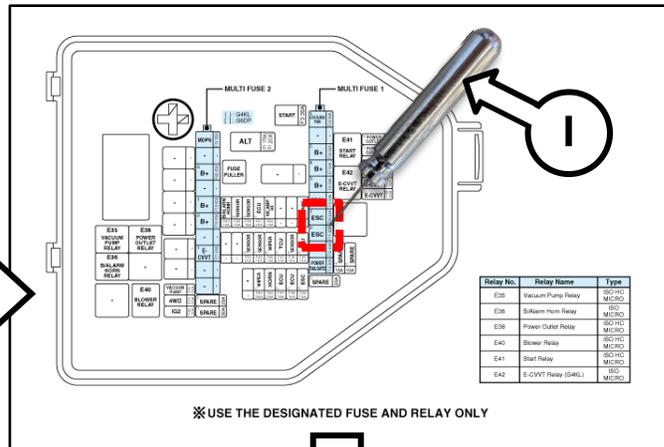
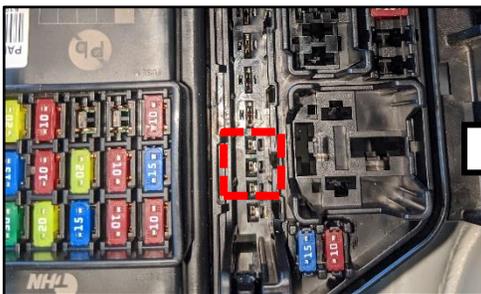


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- Under the junction box, locate the ESC fuse wire connector (H) and using a pick tool, detach the locking clip upward as shown below.

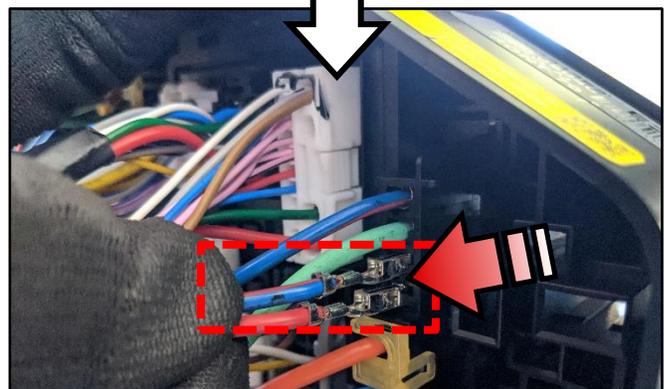


- Using a pin remover (I), unclip the two (2) ESC wire terminals from the top of the junction box.



- Pull to detach the two (2) ESC wire terminals from the bottom of the junction box.

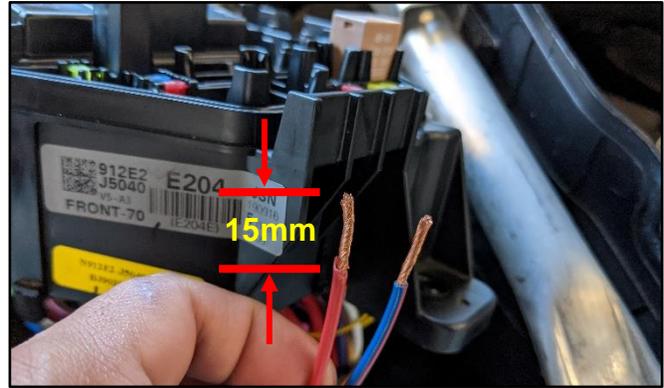
ⓘ IMPORTANT
 Note the terminal location for both of the ESC wires to the junction box.



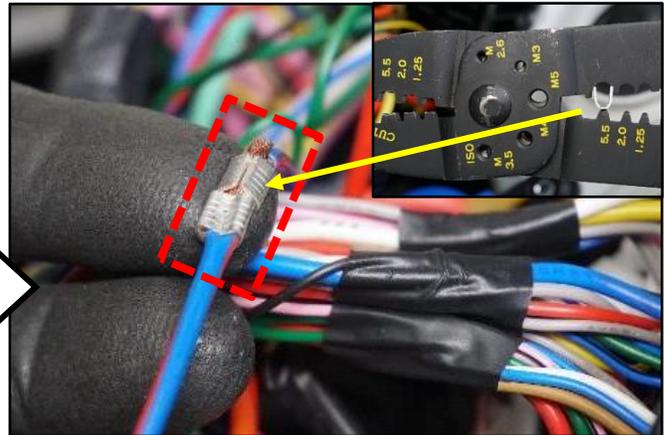
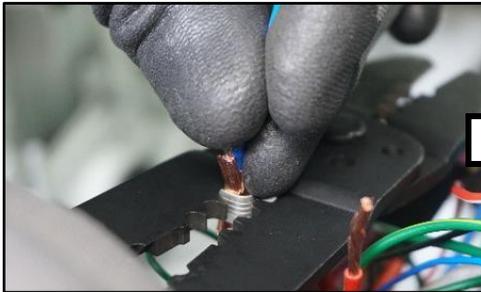
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- Cut off the two (2) ends of the detached ESC wire terminals and strip off the insulation of the two (2) wire ends (approximately 15mm as shown).

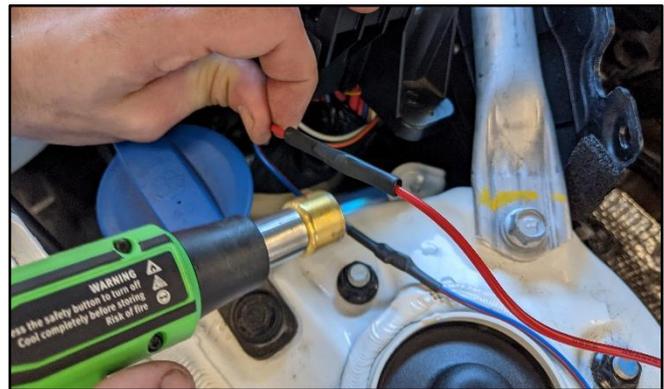
Note: Also strip off the two (2) lead wires from the supplied wire kit.



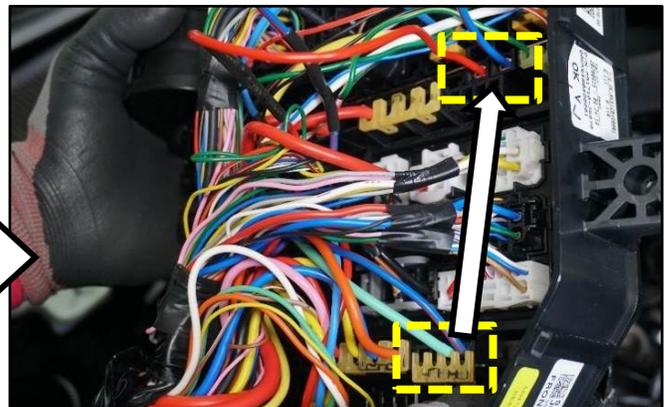
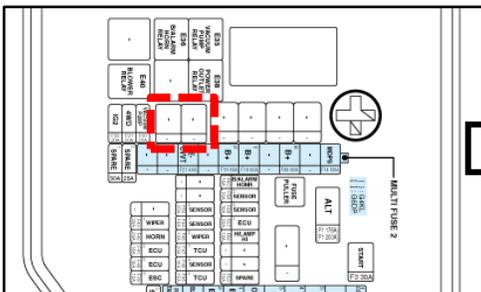
- Join the lead wire from the kit to the ESC wire end and crimp the two wires together using the supplied wire joint from the kit.



- Repeat for the other wire lead.
- Insert the supplied shrink sleeve from the kit onto both wires and using a heat gun, apply heat to individually insulate both of the crimped wires.



- Insert/lock the two (2) ESC wires onto the junction box **in the new location shown.**

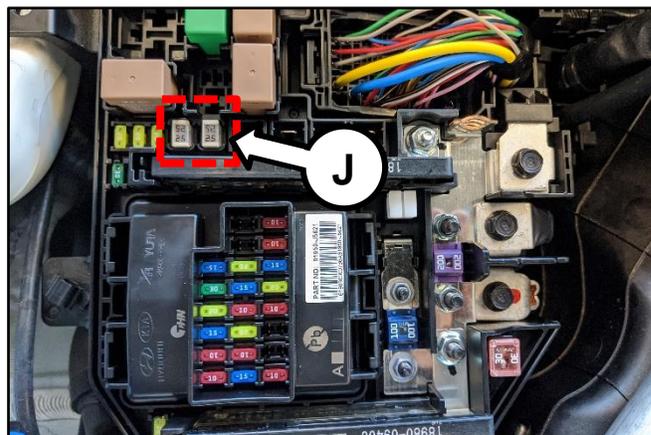


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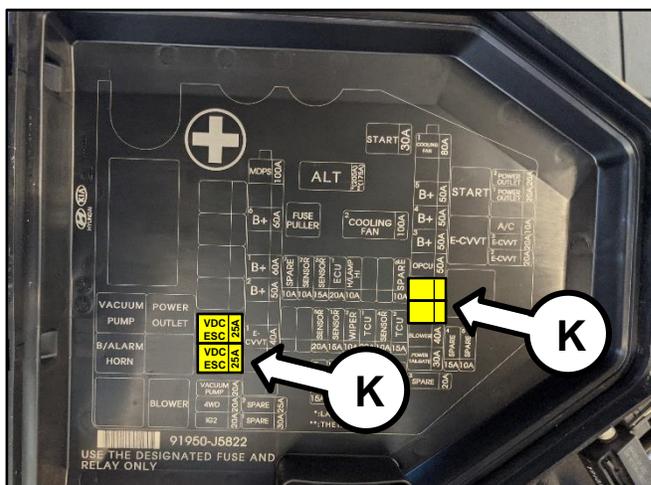
17. Re-install the junction box covers in reverse order of removal install the new supplied cable band.



18. Install the two (2) new supplied 25 Amp fuses (J) from the wire kit in the location shown.



19. Re-install the junction box cover and adhere the two (2) supplied label decals (K) from the wire kit to the junction box cover as shown.

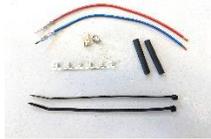


20. Re-install all other removed parts in the same reverse order of removal.
21. Reconnect negative battery (-) battery terminal.
22. Confirm normal vehicle operation and that no instrument cluster indicator lamps are displayed/ON.

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Model	Production Date Range
Stinger (CK)	October 11, 2017 to November 16, 2020

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Wire Kit	91KIT J525LQQK		1

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	91950 J5221	0	(SC196/SC196A) Junction Box HECU Re-Wire	201121R0	1.0 M/H	91KIT J525LQQK	1

Note: Refer to Warranty Bulletin 2020-29 for claim submission procedures.*** NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC196 or SC196A when accessing the WebDCS system.