



GROUP  
**Safety Recall  
Campaign**

MODEL  
**2019MY  
Stinger (CK)  
w/ 3.3L T-GDI**

NUMBER  
**SC196**

DATE  
**November 2020**

## SAFETY RECALL CAMPAIGN

**SUBJECT: NEW FUSE KIT INSTALLATION IN JUNCTION BOX (SC196)**

This bulletin provides the procedure to install a new fuse kit in the junction box on some 2019MY Stinger (CK) equipped with 3.3L T-GDI engines, produced from June 21, 2018 through July 9, 2019. 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

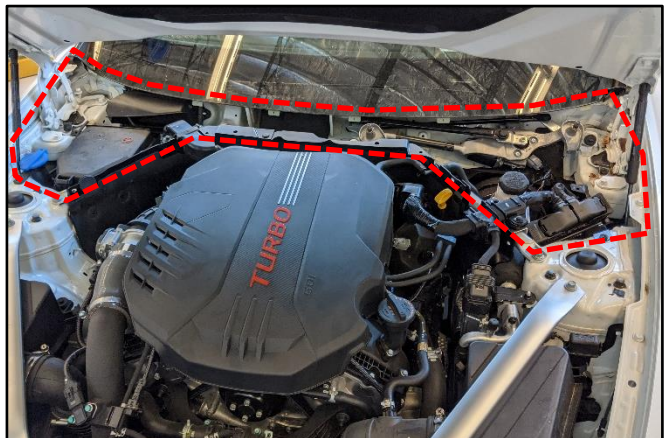
**To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.**

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:**

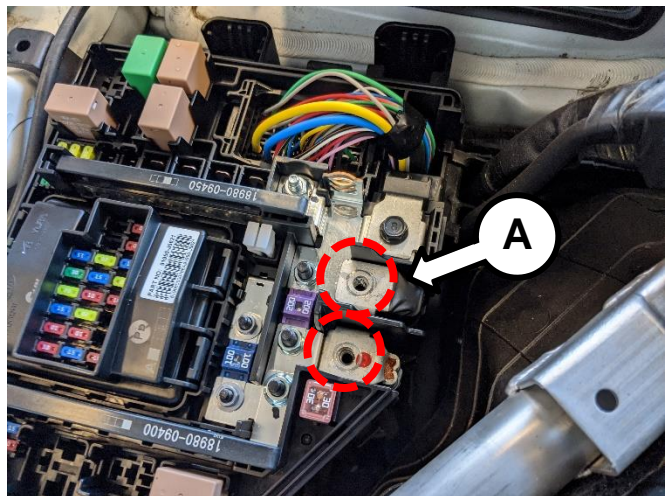
1. Open the tail gate and remove the rear luggage cover mat and then the center tray to expose the main battery.
  
2. Disconnect the negative (-) battery cable from the body and place aside ensuring that it does not contacting any metal surface.
  
3. Remove the Cowl Top Cover (incl. reservoir side 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.



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

**ⓘ IMPORTANT**

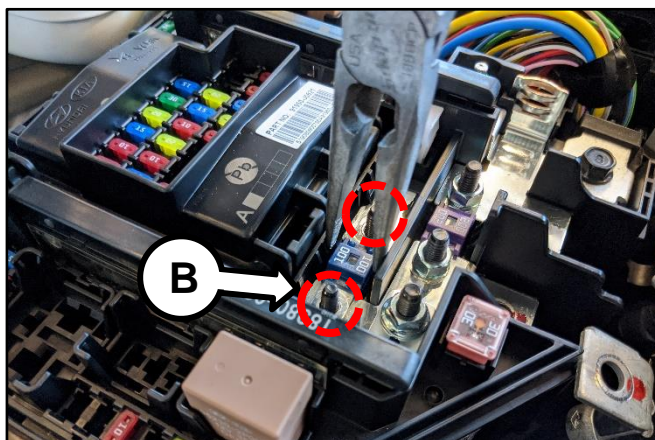
Before removing the two (2) terminals, mark their positions to prevent position change.



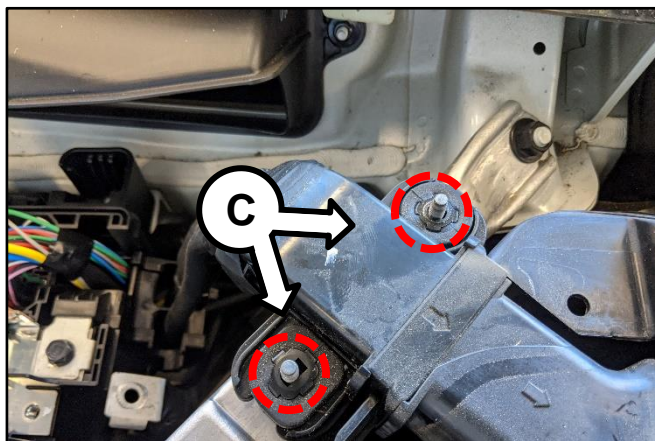
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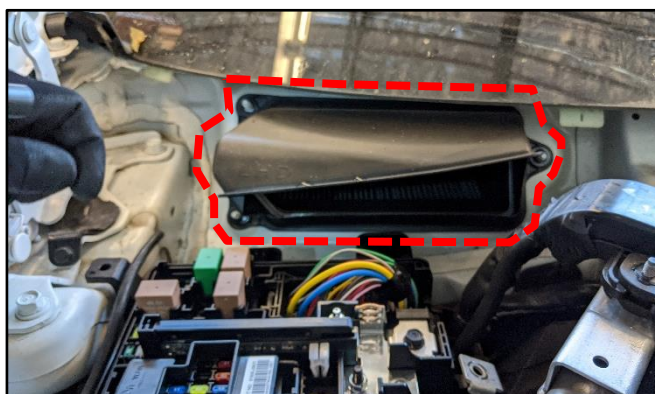
5. Loosen the two (2) 100-Amp fuse retaining nuts (B) in the junction box and remove the fuse.



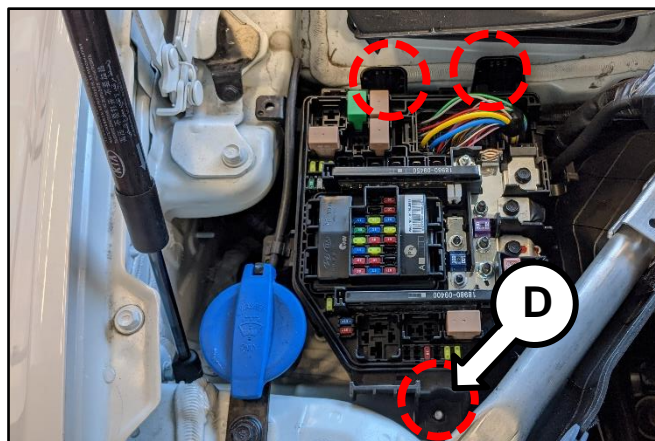
6. Loosen the two (2) wiring guide nuts (C) and separate the wiring guide.



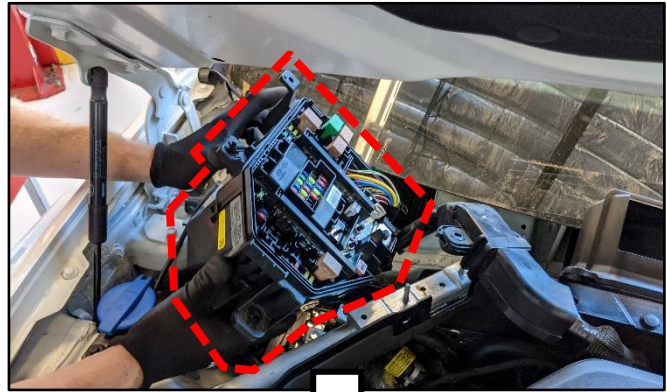
7. Remove the cabin air filter cowl.



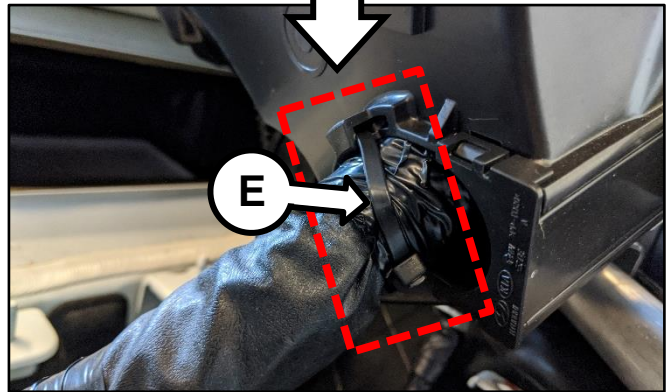
8. Loosen the three (3) junction box retaining nuts (D).



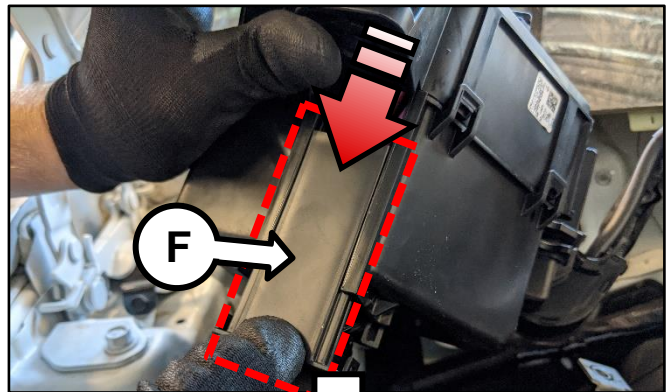
8a. Lift to detach the junction box.



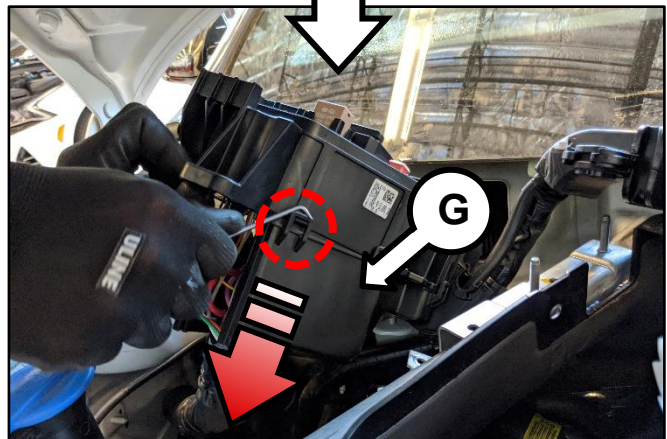
8b. Remove cable band (E) secured to the junction box.



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.

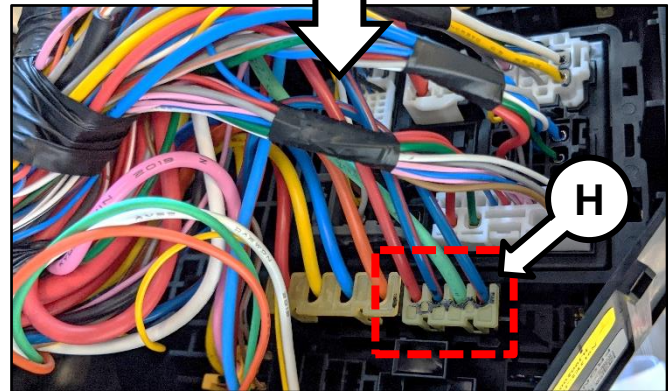
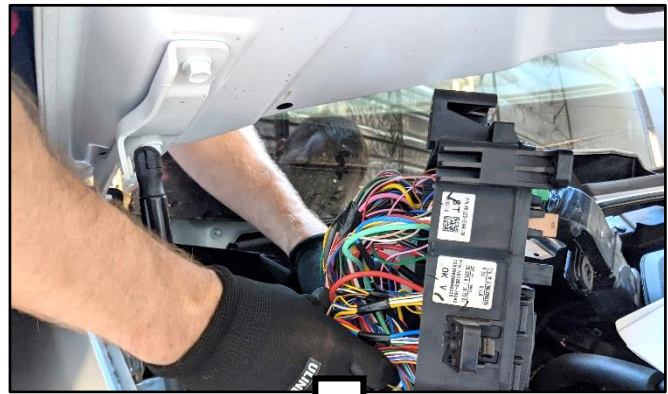
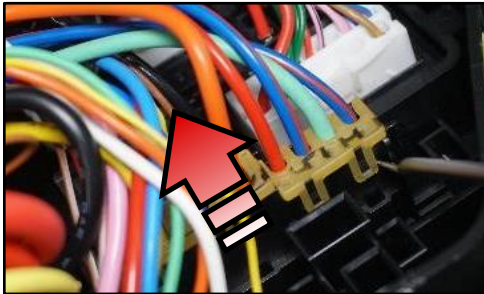


8e. Remove the bottom cover (G).

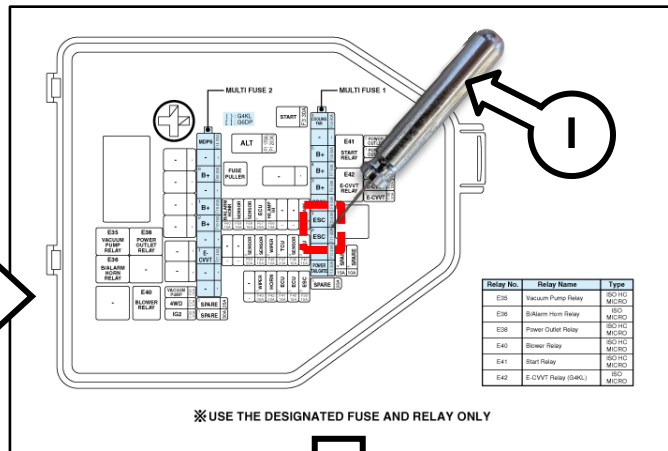
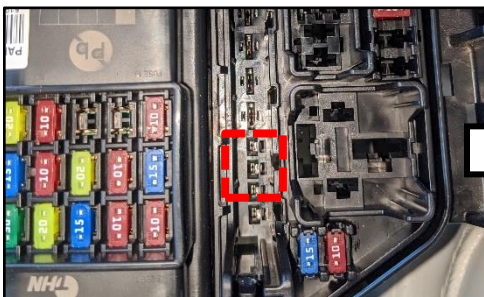
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- Under the junction box, locate the ESC fuse wire connector (H) and using a pick tool, detach the locking clip upward as shown below.

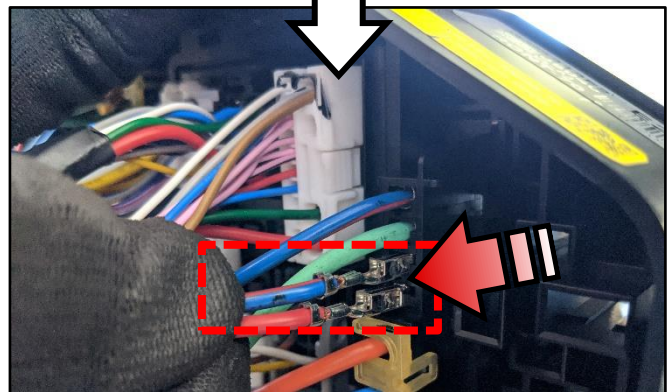


- Using a pin remover (I), unclip the two (2) ESC wire terminals from the top of the junction box.



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

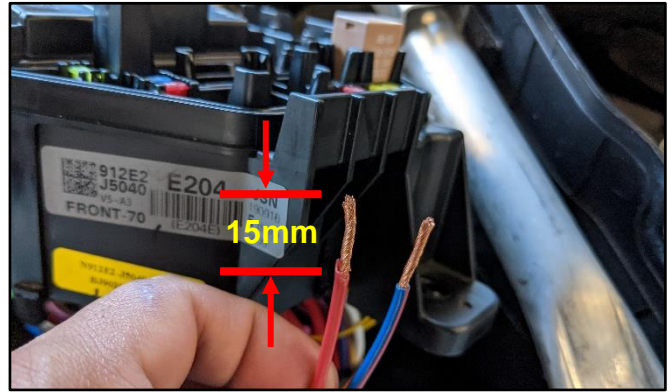
**ⓘ IMPORTANT**  
 Note the terminal location for both of the ESC wires to the junction box.



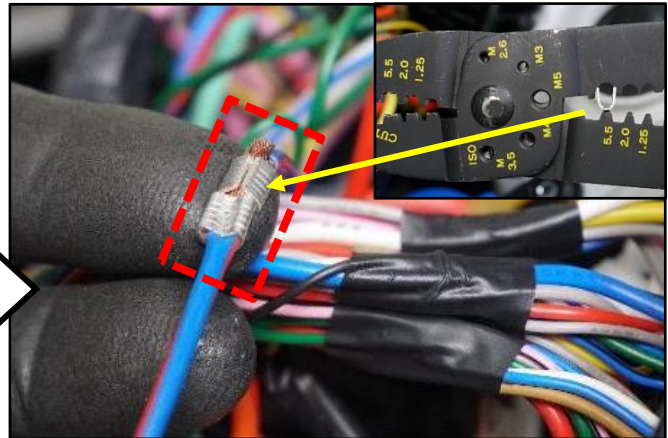
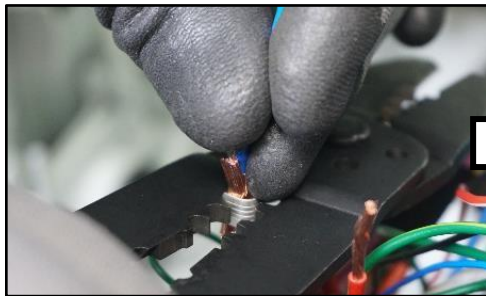
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- Cut off the two (2) ends of the detached ESC wire terminals and strip off the insulation of the two (2) wire ends (approximately 15mm as shown).

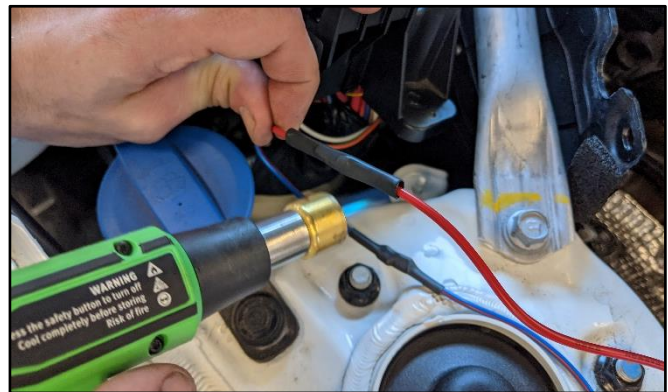
**Note:** Also strip off the two (2) lead wires from the supplied wire kit.



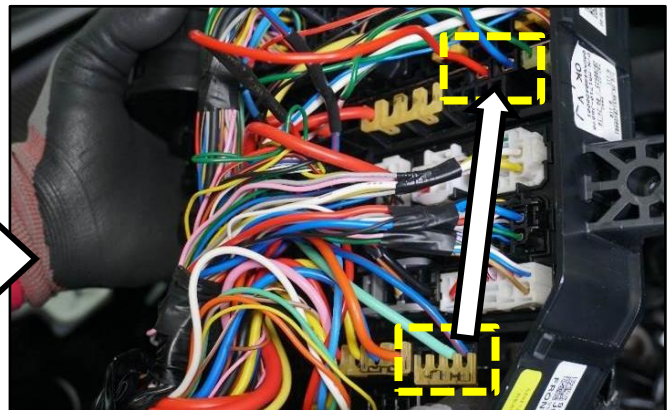
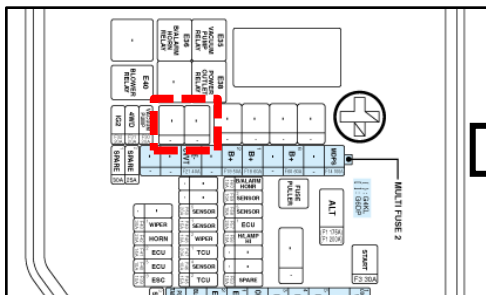
- Join the lead wire from the kit to the ESC wire end and crimp the two wires together using the supplied wire joint from the kit.



- 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.**



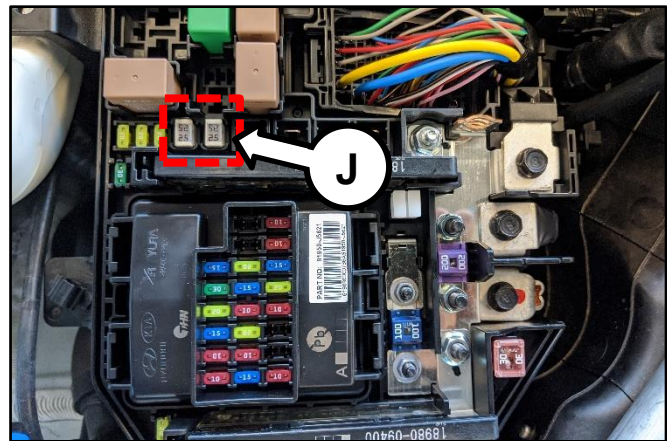
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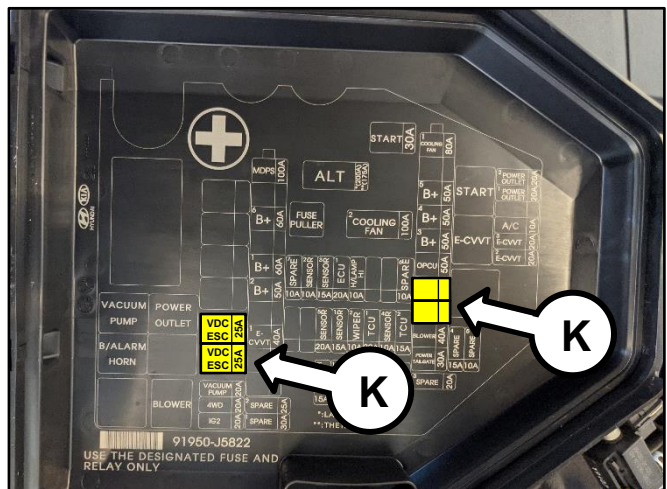
17. Re-install the junction box covers in reverse order of removal install the new supplied cable band.



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 (-) cable to the body.
22. Confirm normal vehicle operation and that no instrument cluster indicator lamps are displayed/ON.



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## AFFECTED VEHICLE RANGE:

Model	Production Date Range
Stinger (CK)	June 21, 2018 to July 9, 2019

## 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) 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 when accessing the WebDCS system.