 HYUNDAI Technical Service Bulletin	GROUP RECALL	NUMBER 24-01-027H
	DATE APRIL 2024	MODEL(S) SANTA FE SPORT (AN) SONATA HYBRID (YF HEV)
SUBJECT: ANTI-LOCK BRAKING SYSTEM (ABS) FUSE REPLACEMENT (RECALL 251)		

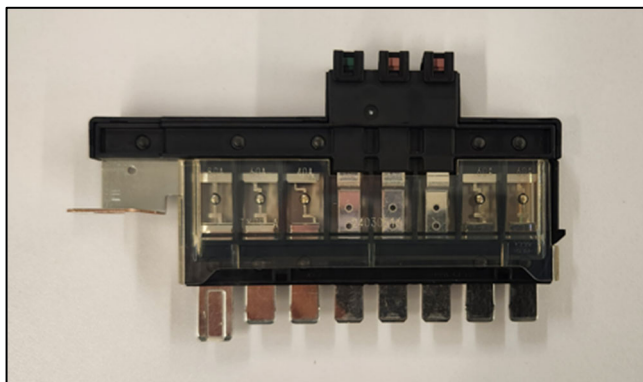
★ IMPORTANT

Vehicle repairs related to safety recalls are critically important and must be performed properly in accordance with TSB procedures. Review this bulletin in its entirety prior to beginning any repair work.

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the “Vehicle Information” screen via WebDCS to identify open recalls.

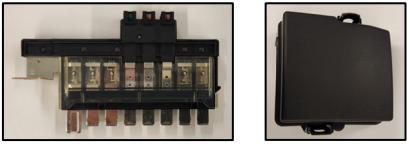
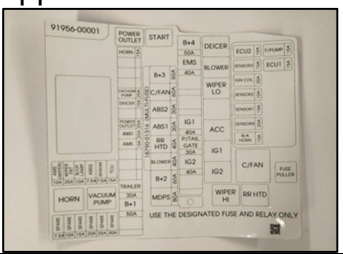


Description: Certain 2013MY Santa Fe Sport (AN) and 2011-2015MY Sonata Hybrid (YF HEV) vehicles may develop an electrical short in the Anti-Lock Brake System (ABS) module, increasing the risk of an engine compartment fire. Follow the procedures in the bulletin to replace either the ABS multi-fuse (on Santa Fe Sport/AN) or the two individual ABS single fuses depending on the model.



Applicable Vehicles (Certain):

- 2013MY Santa Fe Sport (AN) produced 7/12/2012 – 6/15/2013
- 2011-2015MY Sonata Hybrid (YF HEV) produced 12/02/2010 – 10/31/2014

Parts Information:

Model	Part Name	Part Number	Figure	Remarks
Santa Fe Sport (AN)	Fuse Kit	91AN1-11200QQH	<p style="text-align: center;">Multi-fuse Upper Cover</p>  <p style="text-align: center;">Upper Cover Fuse Label</p> 	Apply the label to the junction box upper cover.
Sonata Hybrid (YF HEV)	Fuse Kit	91YF1-11020QQH	<p style="text-align: center;">30A 20A</p>  <p style="text-align: center;">Fuse Labels</p> 	Apply the appropriately sized labels to the junction box upper cover as described in the service procedures.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Sonata Hybrid (YF HEV)	41D013R0	ABS Single Fuse Installation	0.2 M/H	58920-4Z000	I11	ZZ3
Santa Fe Sport (AN)	41D013R1	ABS Multi-Fuse Installation	0.2 M/H	58920-4R000		

NOTE 1: Submit claim on Claim Entry Screen as “Campaign” type.

NOTE 2: If a part is found in need of replacement while performing this recall and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

NOTE 3: This TSB includes Repair validation photos. Op times include VIN, Mileage, and Repair validation photo(s) as outlined in the Digital Documentation Policy.

NOTE 4: The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**

Service Procedure:

i Information

Service procedures for Santa Fe Sport (AN) can be found on page 4 of this TSB. Service procedures for Sonata Hybrid (YFE) can be found on page 7 of this TSB.

STUI



This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

i Information

Refer to the QR code or link below for guided video information:
[Hyundai Service Learning – Recall 251 Service Procedure](#)



i Information

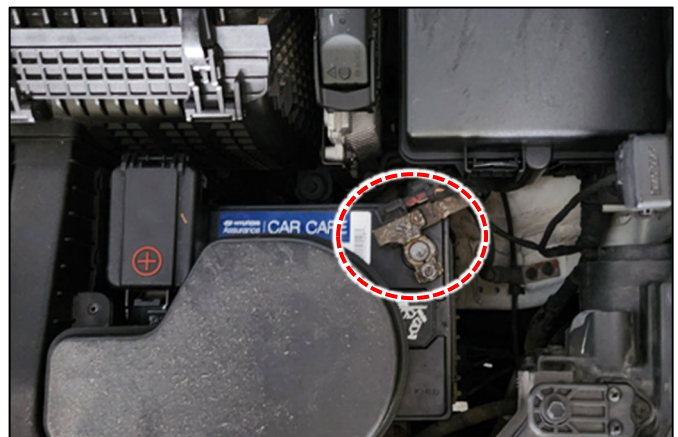
If the “ABS”, “ESC”, or “Brake” indicator lights are illuminated, refer to the appropriate section in the shop manual for diagnosis and repair **before** performing this Recall.

Santa Fe Sport (AN): Replacement of Multi-fuse

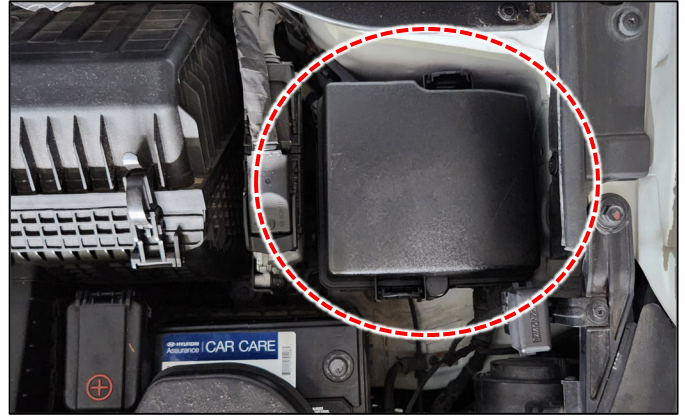
1. Record customer’s radio presets, then disconnect the negative (–) battery terminal.

Tightening Torque:

lb-ft	3.7
lb-in	44
N.m	5



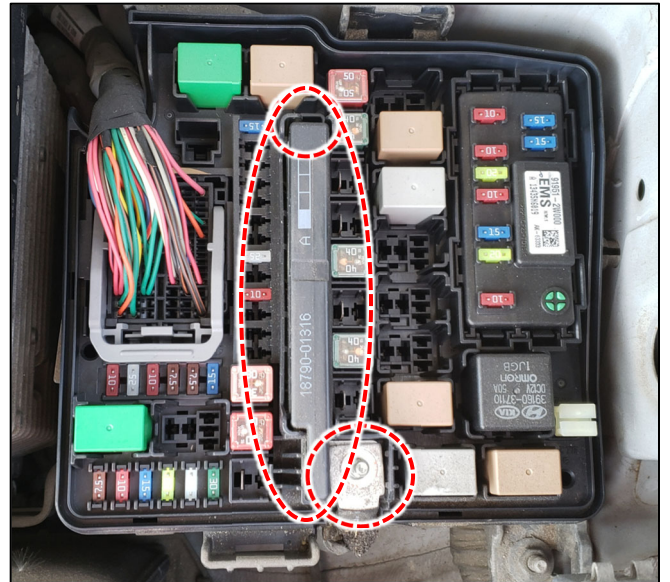
2. Locate the junction box and remove the cover.



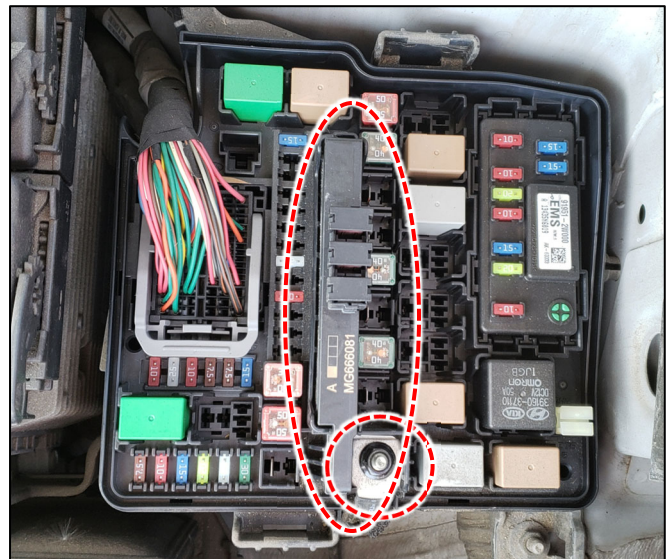
3. Remove the multi-fuse nut and junction box cable. Release the locking tab and remove the multi-fuse.

Tightening Torque:

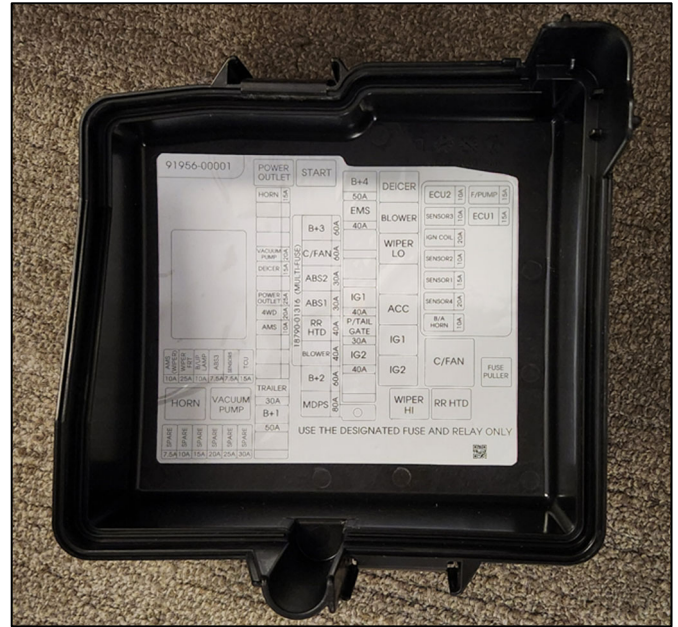
lb-ft	8.0
lb-in	96
N.m	11



4. Install the new multi-fuse, placing the junction box cable over the junction box stud. Reinstall the nut.



- Clean the surface, then apply the supplied label to the new upper cover.



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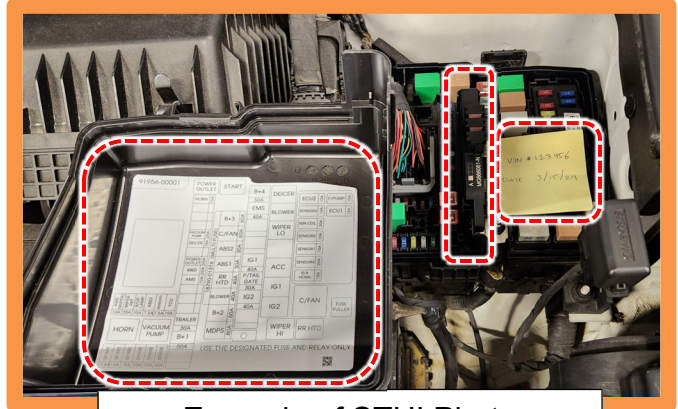
STUI



Using STUI, take one photo with the last 6 digits of the VIN and the date of repair on a piece of paper. Photo must show:

- New multi-fuse installed in junction box
- Junction box cover with newly applied label

Upload the photo to STUI.



Example of STUI Photo

- Install the new junction box upper cover.
- Reconnect the negative (-) battery terminal.
- Reset customer's radio presets.
- Start the engine to confirm proper operation.
- Service procedure is now complete.

Sonata Hybrid (YF HEV): Replacement of Two Single Fuses

- Record customer's radio presets, then disconnect the negative (-) battery terminal.

Tightening Torque:

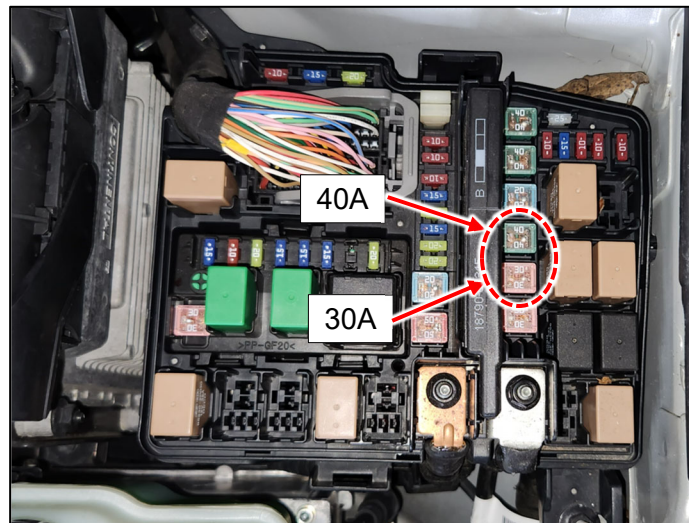
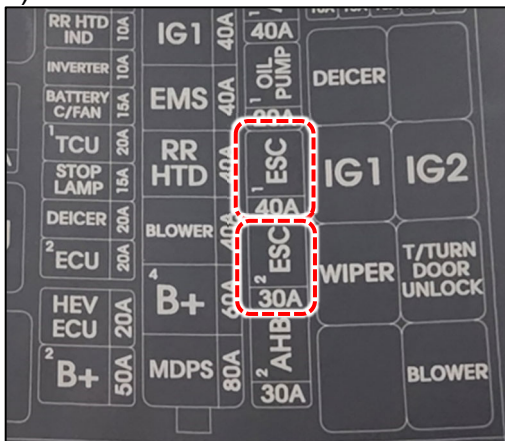
lb-ft	3.7
lb-in	44
N.m	5



- From the engine compartment, locate the junction box and remove the cover.



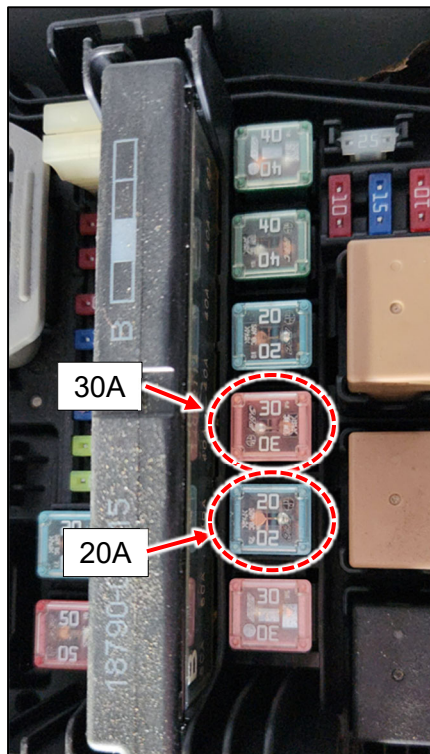
- Locate the HECU fuses, 40A (ESC1) and 30A (ESC2). Remove the HECU fuses.



4. Install the two new single fuses as shown.

ESC1 position (40A fuse originally)
Install new 30A fuse (pink).

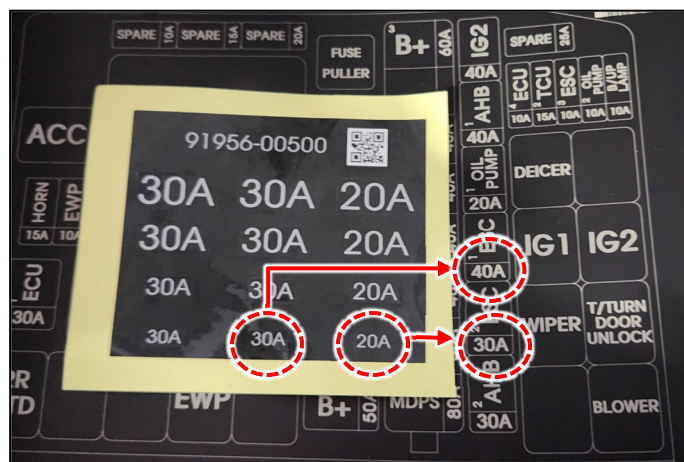
ESC2 position (30A fuse originally):
Install new 20A fuse (blue).



5. Select the appropriately sized labels with the corresponding amperage values for the two fuses installed.

Clean the surface, then apply the supplied labels to the junction box cover as shown:

Position	Original Value	New Value
ESC1	40A	30A
ESC2	30A	20A



6.

STUI

Using STUI, take one photo with the last 6 digits of the VIN and the date of repair on a piece of paper. Photo must show:

- New fuses installed in junction box
- Junction box cover with newly applied labels

Upload the photo to STUI.



7. Reinstall the junction box cover.
8. Reconnect negative battery terminal.
9. Reset customer's radio presets.
10. Start the engine to confirm proper operation.
11. Service procedure is now complete.