 HYUNDAI Technical Service Bulletin	GROUP RECALL	NUMBER 24-01-027H-1
	DATE APRIL 2024	MODEL(S) SANTA FE SPORT (AN) SONATA HYBRID (YF HEV) VERACRUZ (EN) EQUUS (VI)
SUBJECT: ANTI-LOCK BRAKING SYSTEM (ABS) FUSE REPLACEMENT (RECALL 251)		

This TSB supersedes TSB#24-01-027H to add Veracruz (EN) and Equus (VI) models.

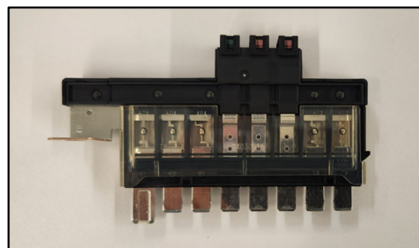
*** IMPORTANT**

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), 2011-2015MY Sonata Hybrid (YF HEV), 2010-2012MY Veracruz (EN), and 2014-2015MY Equus (VI) 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 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
- 2010-2012MY Veracruz (EN) produced 12/24/2009 – 08/09/2012
- 2014-2015MY Equus (VI) produced 4/12/2013 – 10/29/2014

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

Parts Information:

Type	Model	Part Number	Figure
Multi-fuse	Santa Fe Sport (AN)	91AN1-11200QQH	Multi-fuse (KET), upper cover, upper cover label 
Single fuses	Sonata Hybrid (YF HEV)	91YF1-11020QQH	2 single fuses (LPJ3 30A, 20A), fuse labels (small) 
	Veracruz (EN)	91EN1-11020QQH	2 single fuses (JCASE 30A, 20A), fuse labels (small) 
	Equus (VI)	91VI1-11020QQH	

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	58920-4R000	I11	ZZ3
Santa Fe Sport (AN)	41D013R1	ABS Multi-Fuse Installation	0.2 M/H	58920-4Z000		
Veracruz (EN)	41D013R2	ABS Single Fuse Installation	0.2 M/H	58910-3J806		
Equus (VI)	41D013R3	ABS Single Fuse Installation	0.2 M/H	58920-3N590		

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 multi-fuse vehicles (Santa Fe Sport AN) can be found on page 4 of this TSB. Service procedures for individual fuse vehicles Sonata Hybrid (YF HEV), Veracruz (EN), Equus (VI) 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 **before** performing this Recall.

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

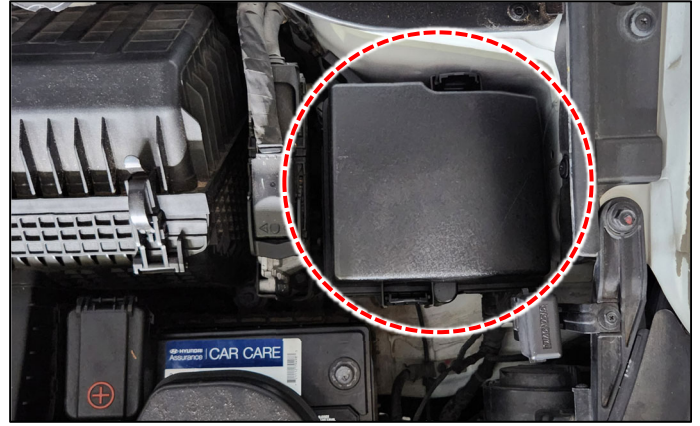
- Record customer’s radio presets, then disconnect the negative (–) battery terminal.

Tightening Torque:

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



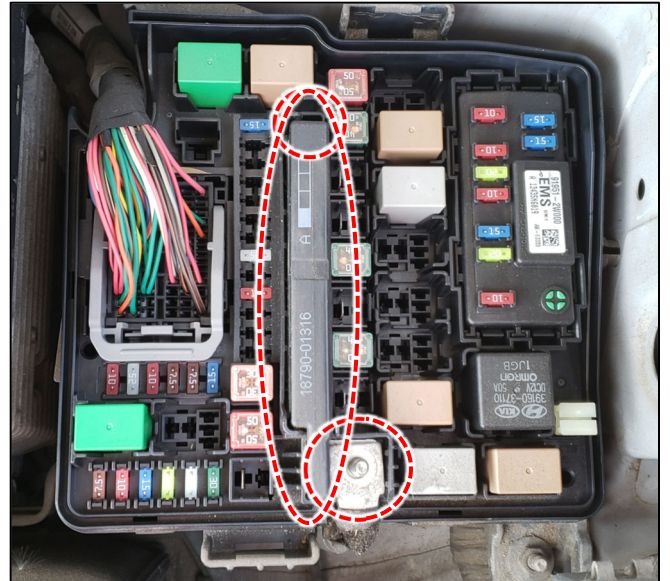
2. Locate the junction box and remove the cover.



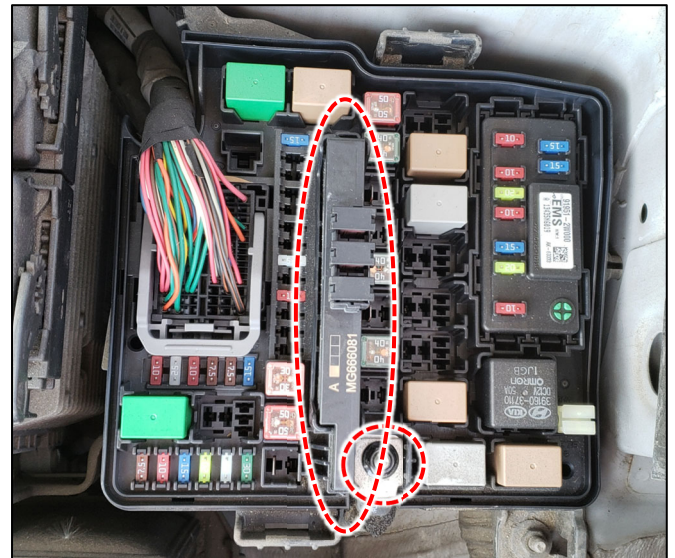
3. Remove the multi-fuse nut and junction box cable. Release the locking tab and remove the multi-fuse.

Tightening Torque:

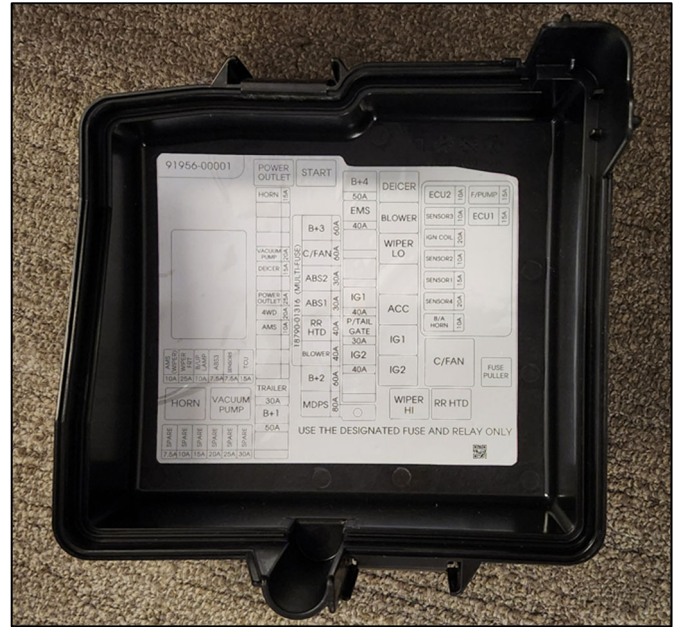
lb-ft	8.0
lb-in	96
N.m	11



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



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



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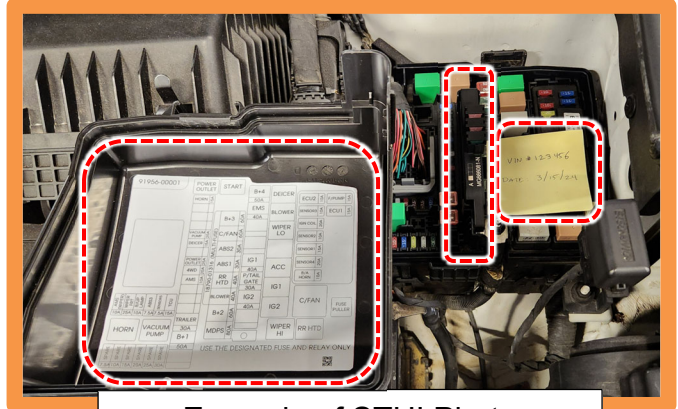
STUI



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 labels

Upload the photos 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.

Replacement of Two Single Fuses: Sonata Hybrid (YF HEV), Veracruz (EN), Equus (VI)

Fuse Value Change Table:

Model	Fuse Changes	Images
<p>Sonata Hybrid (YF HEV)</p>	<p>ESC1: 40A → 30A ESC2: 30A → 20A</p>	
<p>Veracruz (EN)</p>	<p>ABS1: 40A → 30A ABS2: 40A → 20A</p>	
<p>Equus (VI)</p>	<p>ESC1: 40A → 30A ESC2: 40A → 20A</p>	

Service Procedure:

i Information

Fuse values and images shown are for Sonata Hybrid (YF HEV). Refer to the Fuse Value Change Table for the specific model fuse locations and values.

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

Tightening Torque:

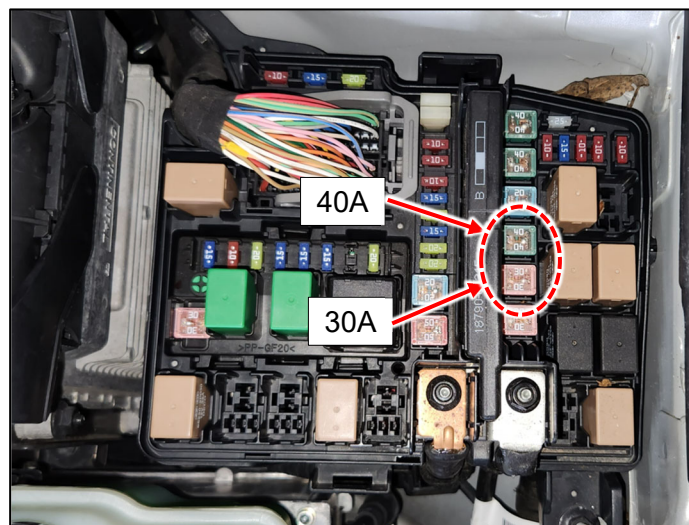
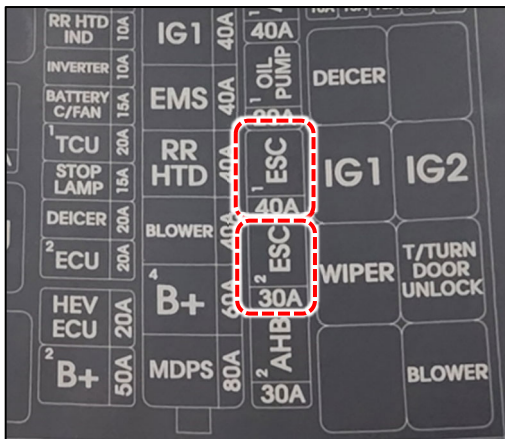
lb-ft	3.7
lb-in	44
N.m	5



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



3. Locate the ABS1/ESC1 and ABS2/ESC2 fuses. Remove the two fuses.



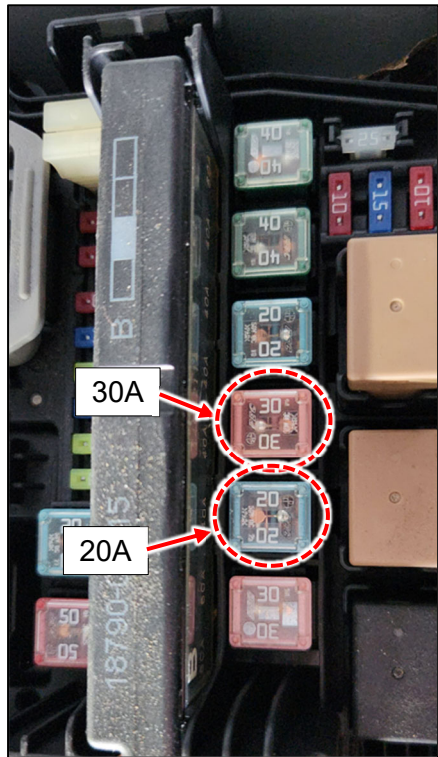
- 4. Install the two new single fuses as shown.

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

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

i Information

Fuse values shown are for Sonata Hybrid (YF HEV). Refer to the Fuse Value Change Table for the specific model fuse locations and values.

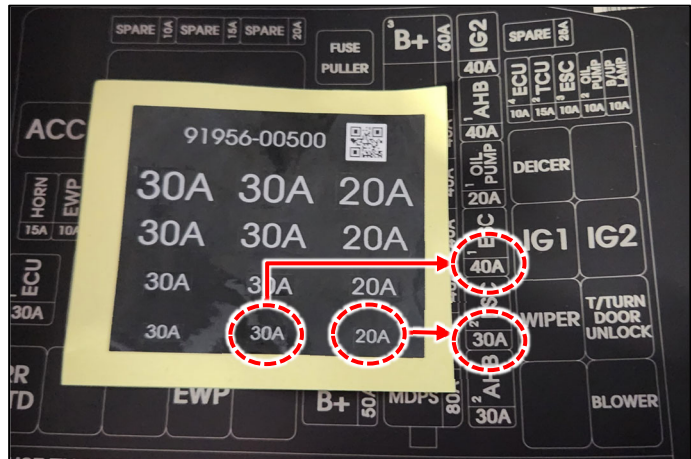


- 5. Select the appropriately sized labels with the corresponding amperage values for the two fuses installed.

Clean the surface, then attach the supplied labels to the junction box cover as shown.

i Information

Fuse values shown are for Sonata Hybrid (YF HEV). Refer to the Fuse Value Change Table for the specific model fuse locations and values.



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 photos 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.