



**HYUNDAI**  
**Technical Service Bulletin**

GROUP <b>RECALL</b>	NUMBER <b>20-01-046H</b>
DATE <b>December, 2020</b>	MODEL(S) <b>SANTA FE SPORT (AN)</b>

**SUBJECT:** ABS MODULE INSPECTION (RECALL CAMPAIGN 194)

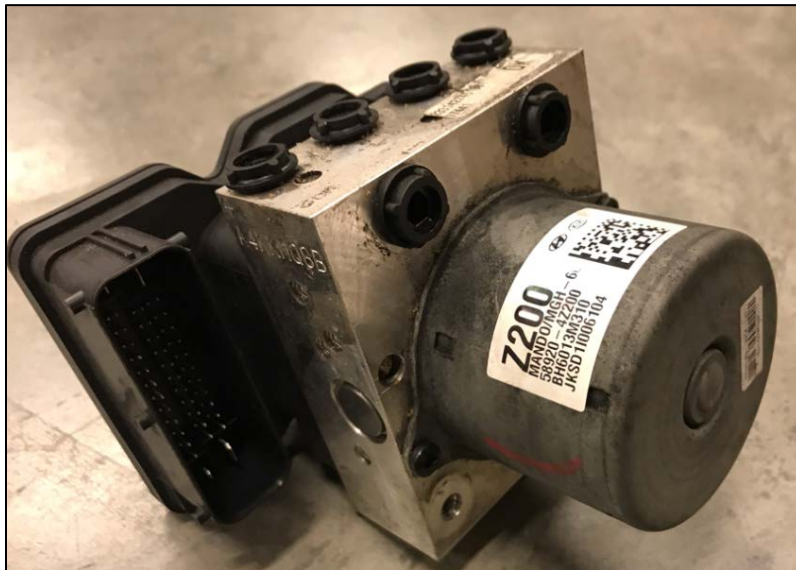
**\* IMPORTANT**

**\*\*\* Retail Vehicles \*\*\***

Dealers must perform this Recall Campaign whenever an affected vehicle is in the shop for any maintenance or repair.

When a vehicle arrives at the service department, access Hyundai Motor America's "Warranty Vehicle Information screen (VIS)" via WEBDCS to identify open Campaigns.

**Description:** Certain 2013-2015MY Santa Fe Sport (AN) vehicles equipped with Anti-lock Brake System ("ABS") modules may leak brake fluid internally and cause an electrical short over time. An electrical short in the ABS module could increase the risk of an engine compartment fire. This bulletin describes the procedure to inspect the ABS module and replace if necessary.

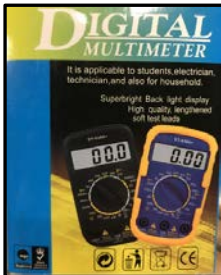


**Applicable Vehicles:** Certain 2013-2015MY Santa Fe Sport (AN)

## Parts Information:

Part Name	Figure/Part Number	QTY.
Hydraulic Unit Assy	58920-4Z000QQH	1
	58920-4Z200QQH	1

## SST Information

Description	Figure/Part Number	Note
Multimeter DT-830D	 KQ589-4C100QQH	One multimeter will be supplied to each dealer; do not use other multimeters for this inspection.

## Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Santa Fe Sport (AN)	01CG02I0	HECU Inspection	0.3	58920-4Z200QQH	N99	C99
	01CG02R0	HECU Inspection and Replacement	1.7	58920-4Z200QQH		

**NOTE 1:** Submit Claim on Campaign Claim Entry Screen

**NOTE 2:** If a part is found in need of replacement while performing Recall 194 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.

## Service Procedure:

**NOTICE**

If the “ABS”, “ESC” or “Brake” indicator lamps are illuminated, refer to the appropriate section of the repair manual prior to performing this TSB inspection.

1. If applicable, record the customer’s radio preset stations and turn the ignition switch OFF.

**NOTICE**

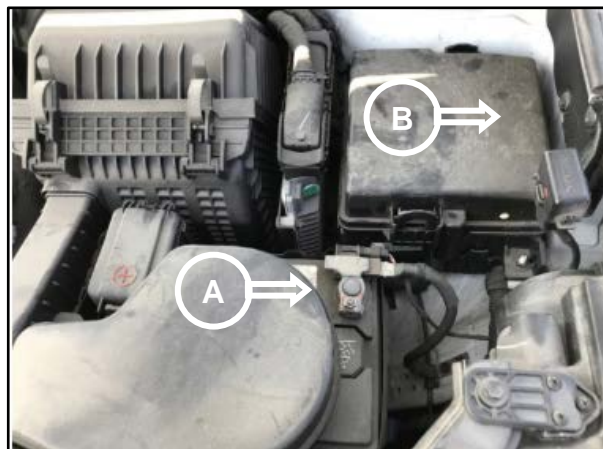
The ignition switch must remain OFF during this inspection.

2. Disconnect the battery negative (-) terminal (A) and remove the junction box upper cover (B).

**Battery (-) Terminal Nut Tightening**

**Torque nut:**

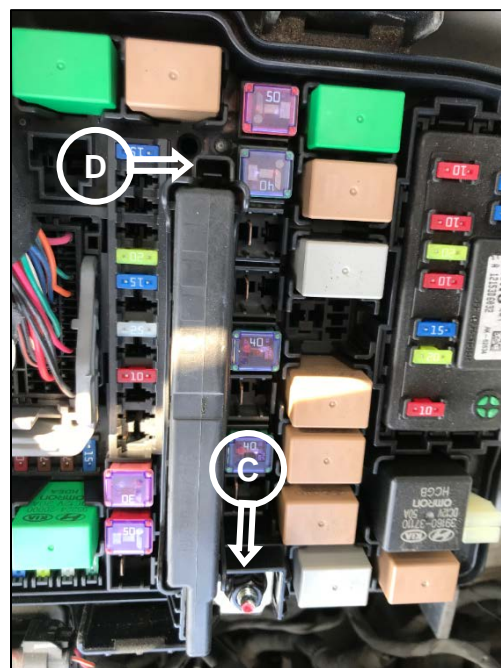
**4.0~6.0 N.m (0.4~0.6 kgf.m, 3.0~4.4 lb-ft)**



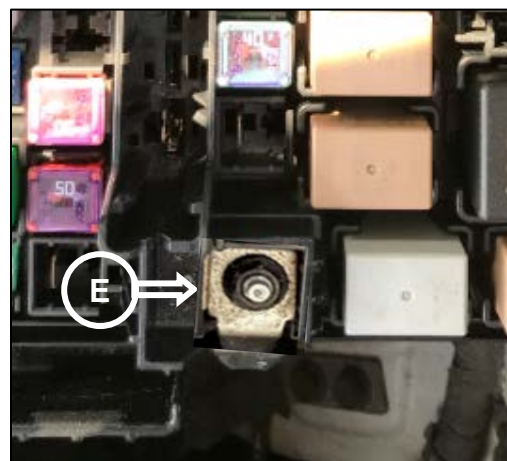
3. Remove the 10 mm nut (C) and lift the cable over the stud. Release the locking tab (D) and remove the multifuse.

**Tightening Torque:**

**9.8~11.7 Nm (1.0~1.2 kgf.m, 7.2~8.7 lb-ft)**



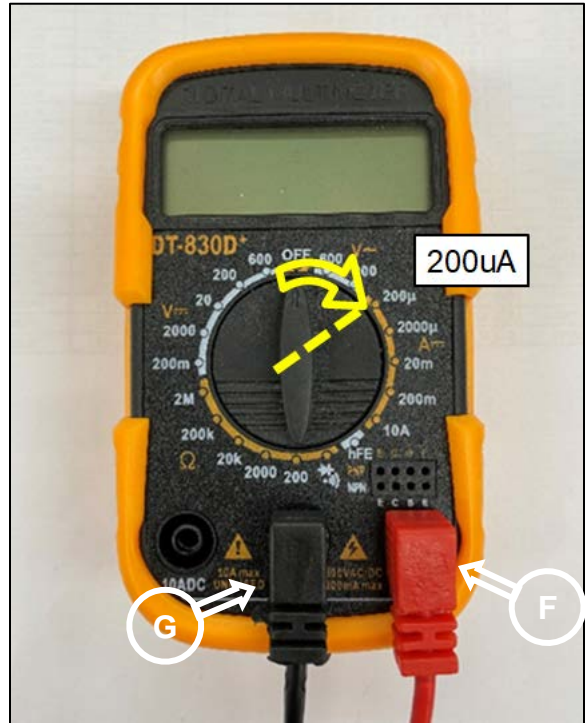
4. Place the junction box cable over the junction box stud (E), reinstall the nut and reconnect the battery negative (-) terminal.



- Connect the red SST multimeter lead to VΩmA (F) and the black lead to COM (G). Turn the dial to 200uA.

**NOTICE**

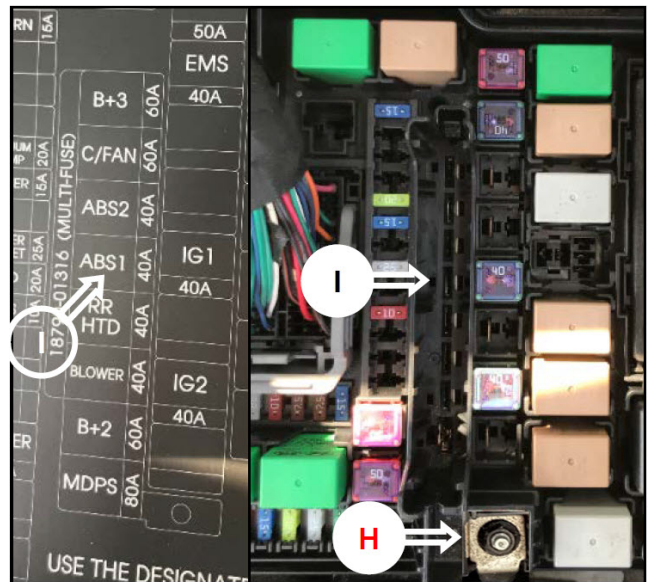
- Only use the provide SST multimeter for this inspection.
- Do not use the SST multimeter for purposes other than measuring leakage current.
- Replace the SST multimeter battery with a 9V battery if it is low.



- Place the **red** lead probe of the multimeter against the side of the junction box stud (H). Place the **black** lead probe on the ABS1 terminals (I) in the junction box.

**NOTICE**

- Measurement must be taken for at least 15 seconds to obtain a stable reading.
- Use care not to damage the ABS1 terminals in the junction box with the multimeter black lead probe.



7. If the measured current value **is 70uA or greater, replace the Hydraulic Unit Assembly (HECU).**

Refer to the repair manual for the replacement procedure:  
SANTAFE SPORT(DMA) > Applicable Model Year > Applicable Engine > Brake System > ESC Control Module > Repair Procedures

If the measured current value is **less than 70uA**, HECU replacement is not needed at this time.

Reassemble vehicle in the reverse order of removal. Start the engine. Confirm the “ABS”, “ESC” and “Brake” indicator lamps are not illuminated, clear any incidental DTCs and reprogram the customer’s radio preset stations.