



# HYUNDAI

## Technical Service Bulletin

GROUP	NUMBER
<b>ENGINE ELECTRICAL</b>	<b>26-EE-007H</b>
DATE	MODEL(S)
<b>JUNE 2026</b>	<b>SEE BELOW</b>


**SUBJECT:** BATTERY DRAIN FROM CONTINUOUS OPERATION OF COOLING FAN – ENGINE ROOM PCB BLOCK REPLACEMENT

**Description:** Some Palisade (LX2), Tucson (NX4), and Tucson Hybrid (NX4 HEV) vehicles may experience battery drain due to continuous operation of the cooling fan after vehicle ignition has been turned off, potentially resulting in a no-start condition. The continuous cooling fan operation is caused by a stuck relay in the engine room PCB block. This bulletin provides instructions to replace the engine room PCB block to ensure the proper operation of the cooling fan.

### Applicable Vehicles:

Model Year	Model	Production Dates
All	Palisade (LX2)	All
	Tucson (NX4)	
	Tucson Hybrid (NX4 HEV)	

### Parts Information:

Model	Part Name	Part Number	Figure	Remarks
Palisade (LX2)	PCB Block Assembly	91959-S8000FFF		2020 - 2022MY
		91959-S8100FFF		2023 - 2025MY
Tucson (NX4)		91959-N9010FFF		All
Tucson Hybrid (NX4 HEV)		91959-N9030FFF		2024MY and earlier
		91959-N9050FFF		2025MY and later

**SUBJECT:****BATTERY DRAIN FROM CONTINUOUS OPERATION OF COOLING FAN – ENGINE ROOM PCB BLOCK REPLACEMENT****Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Palisade (LX2)	91959F01	Engine Room PCB Block Assembly Replacement	0.3 M/H	Refer to WEBLTS for applicable part to labor op code combination	I14	ZZ3
Tucson (NX4)						
Tucson Hybrid (NX4 HEV)						

**NOTE 1:** Normal warranty applies.

**NOTE 2:** Submit claim on Claim Entry Screen as “Warranty” type.

**NOTE 3:** This TSB includes repair justification photos. Op times include VIN, Mileage, and repair justification photos 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.**

**NOTE 5:** If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the dealer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

**Service Procedure:****DIGITAL DOCUMENTATION**

This TSB includes repair justification photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

**NOTICE**

Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

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**BATTERY DRAIN FROM CONTINUOUS OPERATION OF COOLING FAN – ENGINE ROOM PCB BLOCK REPLACEMENT**

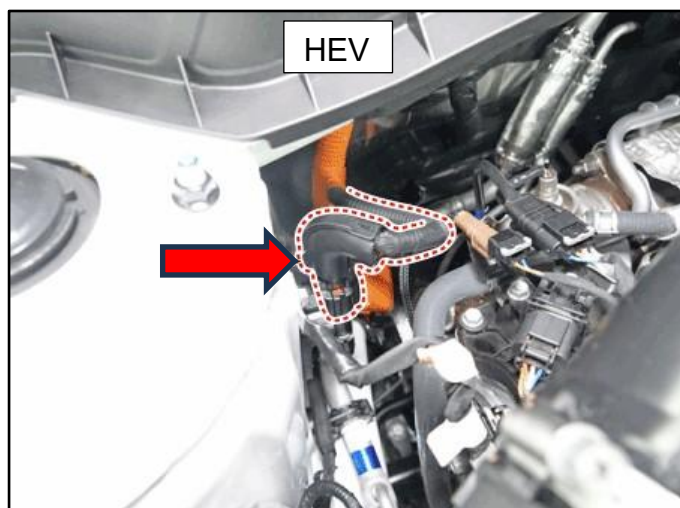
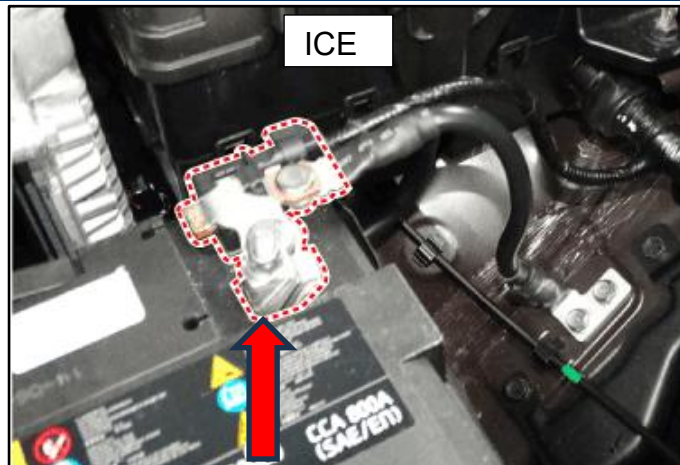
**Engine Room PCB Block Replacement**

1. Turn **OFF** the vehicle by pushing the START/STOP Button (SSB), then disconnect the battery.

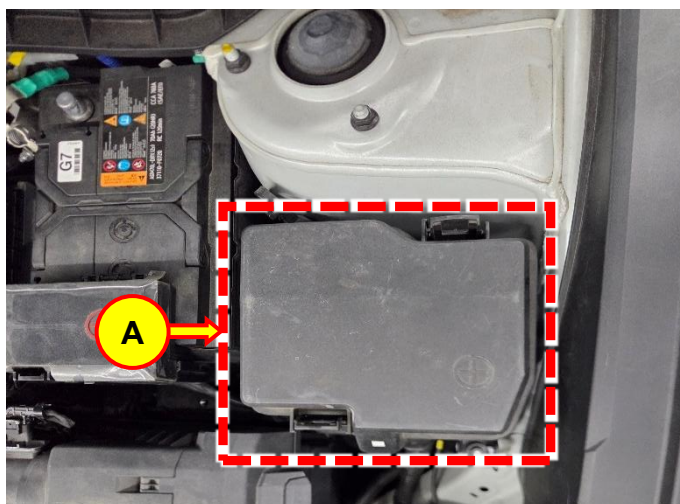
Model	Remove Part	Location
ICE	- Terminal	Engine bay
HEV	+ Connector	Upper engine bay near passenger strut mount

**Tightening Torque:**

lb-ft	6.5
lb-in	78
N.m	8.8



2. Remove the engine room relay box cover (A).



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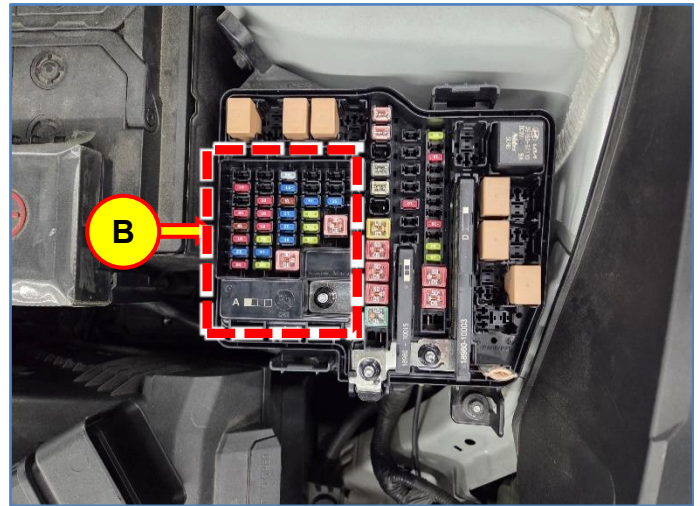
3. Remove the engine room PCB block (B) by referring to one of the following sections of the shop manual:

For 2025–2026 Tucson (NX4) and Tucson Hybrid (NX4 HEV):

- **Body (Interior / Exterior / Electrical) > Security & Vehicle Ignition System > Fuse and Relays > Removal and Installation**

For Palisade (LX2):

- **Body Electrical System > Fuses and Relays > Relay Box (Engine Compartment) > Repair Procedures > Replacement of PCB Block**



- 4.

**DIGITAL DOCUMENTATION**



Using the STUI camera function, take a photo of the old engine room PCB block next to the new engine room PCB block.

Upload the photo to STUI.

**NOTE:** If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



5. Install the new engine room PCB block in the reverse order of the removal process, then reconnect the battery.
6. Confirm the proper operation of the vehicle.
7. The service procedure is now complete.