



HYUNDAI Technical Service Bulletin

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|---------------------------|------------------------------|
| GROUP RECALL | NUMBER 26-01-030H |
| DATE MARCH 2026 | MODEL(S) SEE BELOW |

SUBJECT: HV BATTERY BUS BAR BOLTS INSPECTION & RETIGHTENING OR BSA REPLACEMENT (RECALL 294)

★ IMPORTANT

This repair requires MOBIS (BSA supplier) to be onsite and perform the inspection and retightening of the bus bolts. Please ensure applicable parts listed within this TSB are ordered & in-stock prior to MOBIS' arrival. An HMA representative is also required to be onsite during the duration of MOBIS' repair portion of the vehicle. Removal of the high voltage battery pack should take place the same day as MOBIS and HMA representative arrival at the dealership.

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.

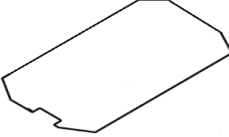
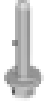



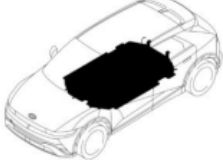
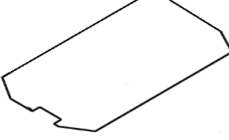





Access the "Vehicle Information" screen via WebDCS to identify open recalls.

Description: Certain IONIQ 5 (NEA EV) and IONIQ 9 (ME1A EV) vehicles may be equipped with Battery System Assemblies (BSA) containing high-voltage bus bar(s) with retention bolts that may have not been tightened properly. Insufficiently tightened retention bolts may loosen over time, potentially resulting in electrical arcing within the high-voltage battery pack. This bulletin provides instructions to remove the BSA, allowing MOBIS to perform the inspection and retorque of the bus bar bolts, reinstallation of the BSA, or replacement of the BSA if necessary.

Applicable Vehicles (Certain):

| Model Year | Model | Production Dates |
|-------------|-------------------|-------------------------|
| 2025 – 2026 | IONIQ 5 (NEA EV) | 01/24/2025 – 09/08/2025 |
| 2026 | IONIQ 9 (ME1A EV) | 04/08/2025 – 09/12/2025 |

SUBJECT:**HV BATTERY BUS BAR BOLTS INSPECTION & RETIGHTENING OR BSA REPLACEMENT (RECALL 294)****Parts Information:**

| Model | Part Name | Part Number | Figure | Quantity |
|-----------------------------|-----------------------------|--|--|---|
| IONIQ 5 (NEA EV) | Gasket Assy- Waterproof | 37528-PI000 |  | 1 (replace if air tightness test fails) |
| | Bolt & Washer Assy | 37535-GI050 |  | 8 |
| | | 37535-GI500 |  | 18 |
| | Bolt – BMA E-Type | 375Z4-GI000 |  | 1 |
| | Pink-Antifreeze /Coolant | 00232-19098 |  | 2 |
| IONIQ 9 (ME1A EV) | Battery System Assy | 37501-TD840 |  | 1 (order if BSA rep. is required) |
| | Gasket Assy- Waterproof | 37528-TD000 |  | 1 (replace if air tightness test fails) |
| | Bolt & Washer Assy | 37535-GO100 |  | 4 |
| | | 37535-GI050 |  | 8 |
| | | 37535-GI500 |  | 18 |
| | Bolt – BMA E-Type | 375Z4-GI000 |  | 7 |
| Pink-Antifreeze /Coolant | 00232-19098 |  | 2 | |

SUBJECT:HV BATTERY BUS BAR BOLTS INSPECTION &
RETIGHTENING OR BSA REPLACEMENT (RECALL 294)**SST Information:**

| Tool Name | Tool Number | Figure | Remarks |
|-------------------------------|-------------|--|--|
| ULT-M100 Leak Tester | G7XHNNN001 |  | 1 Kit |
| Venting Valve Sealing Jig Set | G0DTDNN008 |  | 1 Kit |
| Venting Valve V004 | G1DTDNN013 |  | 1 Item (IONIQ 9) (MOBIS Rep. will provide) |
| Venting Valve V005 | G1DTDNN014 |  | 2 Items (IONIQ 5) (MOBIS rep. will provide) |
| Sealing Connector [E004] | G7XHDNN018 |  | 1 Item (both IONIQ 5 & IONIQ 9) |
| Sealing Connector [E006] | G7XHDNN020 |  | 1 Item (IONIQ 5) |

SUBJECT:HV BATTERY BUS BAR BOLTS INSPECTION &
RETIGHTENING OR BSA REPLACEMENT (RECALL 294)**SST Information (Continued):**

| Tool Name | Tool Number | Figure | Remarks |
|-------------------------------|-------------|--|---------------------------------------|
| Sealing Connector [E007] | G7XHDNN021 |  | 1 Item (IONIQ 5) |
| Sealing Connector [E008] | G7XHDNN022 |  | 1 Item (both IONIQ 5 & IONIQ 9) |
| Sealing Connector [E009] | G7XTDNN024 |  | 1 Item (IONIQ 9) |
| Sealing Connector [E010] | G7XTDNN034 |  | 1 Item (IONIQ 9) |
| Helium Gas Pressure Regulator | KLS6265750K |  | 1 Item |
| Helium Gas Leak Detector | RST28500 |  | 1 Item |

SUBJECT:HV BATTERY BUS BAR BOLTS INSPECTION &
RETIGHTENING OR BSA REPLACEMENT (RECALL 294)**SST Information (Continued):**

| Tool Name | Tool Number | Figure | Remarks |
|--|-------------|--|---------|
| 35MM Socket 1/2" Drive | - |  | 1 Item |
| Insulated Tool Set 1/4" Drive (18 pc) | 66100 |  | 1 Kit |
| Battery Guide Pins | 09375-BF000 |  | 4 Units |
| 19MM Allen Socket, 1/2" Drive | SAM19E |  | 1 Item |
| Insulated 1/4" Torque Wrench | 40200TW14I |  | 1 Item |
| Insulated 1/4" Extension (3") | IB14-3 |  | 1 Item |
| Insulated Magnetic Retrieval Tool | MRT-18 |  | 1 Item |
| Insulated Pick | INP-7 |  | 1 Item |
| Insulated Pick | ISP-7 |  | 1 Item |
| Insulated Pick | IHP-7 |  | 1 Item |
| Insulated Pick | ICP-7 |  | 1 Item |

SUBJECT:HV BATTERY BUS BAR BOLTS INSPECTION &
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| Tool Name | Tool Number | Figure | Remarks |
|-----------------------------------|---------------|--|-----------------------------------|
| Coolant Drain & Refill Kit | 00232 – 19098 |  | 1 Kit |
| Coolant Air Tightness Leak Tester | 09360-K4000 |  | 1 Kit |
| Insulated Type "O" Gloves Kit | SFGVVK011R08 |  | 1 Pair |
| | SFGVVK011R09 | | 1 Pair |
| | SFGVVK011R10 | | 1 Pair |
| VCI 3 Compact Kit | G0VHNNN006 |  | 1 Item |
| Insulated Glove Tester | VT-12 |  | 1 per Glove Kit (Total Qty: 3) |
| Helmet w/Face Shield | 07130-40100 |  | 1 Unit |

SUBJECT:HV BATTERY BUS BAR BOLTS INSPECTION &
RETIGHTENING OR BSA REPLACEMENT (RECALL 294)**Warranty Information:**

| Model | Op. Code | Operation | Op. Time | Causal Part | Nature Code | Cause Code |
|----------------------|----------|---|----------|-----------------|-------------|------------|
| IONIQ 5 (NEA EV) | 61DV01R0 | Battery Removal, Bus Bar Bolts Inspection & Retightening (MOBIS portion) (NOT including waterproof gasket replacement) & BSA Installation | 3.5 M/H | 37569- XA110 | W11 | ZZ3 |
| | 61DV01R1 | Battery Removal, Bus Bar Bolts Inspection & Retightening & waterproof gasket replacement (MOBIS portion) & BSA Installation | 3.8 M/H | | | |
| IONIQ 9 (ME1A EV) | 61DV01R2 | Battery Removal, Bus Bar Bolts Inspection & Retightening (MOBIS portion) (NOT including waterproof gasket replacement) & BSA Installation | 3.6 M/H | 37569- TD080 | | |
| | 61DV01R3 | Battery Removal, Bus Bar Bolts Inspection & Retightening & waterproof gasket replacement (MOBIS portion) & BSA Installation | 3.9 M/H | | | |
| | 61DV01R4 | Original BSA Removal, Bus Bar Bolts Inspection (MOBIS portion), Original BSA Installation & BSA replacement | 6.2 M/H | | | |

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

NOTE 2: 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.

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: Dealer will be reimbursed the following for op codes 61DV01R0-R3:

- 2.5 M/H for IONIQ 5/2.6 M/H for IONIQ 9 for dealer removal/installation of BSA based on labor time standard
- 0.3 M/H + \$100 in sublet – administrative support in coordinating activities for MOBIS portion of repair
- 0.7 M/H – for technician to perform Air Tightness Test, Coolant Line Leak Test, and supervise MOBIS portion of repair
- R1 & R3 ONLY: 0.3 M/H for additionally performing Air Tightness Test & Coolant Line Leak Test a second time
- 2 gallons of coolant

NOTE 5: Dealer will be reimbursed the following for op code 61DV01R4:

- 5.2 M/H for IONIQ 9 dealer removal/installation of original BSA and replacement of BSA per MOBIS direction
- 0.3 M/H + \$100 in sublet – administrative support in coordinating activities for MOBIS portion of repair
- 0.7 M/H – for technician to perform Air Tightness Test, Coolant Line Leak Test, and supervise MOBIS portion of repair
- 2 gallons of coolant

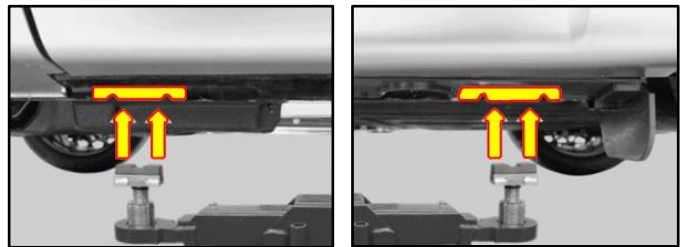
Service Procedure:**DIGITAL DOCUMENTATION**

This TSB includes repair validation 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.

1. Visually check that the lift blocks are properly seated on the vehicle support points and raise the vehicle to lift all four wheels slightly **OFF** the ground so the vehicle can be still accessed in **step 2**.

**NOTICE**

Raising the vehicle from anywhere other than the support points may damage vehicle components.

Refer to the shop manual:

- **General Information > Lift and Support Points > General Information**

2. Turn **ON** the ignition then place the vehicle in Neutral (N).

NOTICE

Do **NOT** turn **OFF** the ignition.

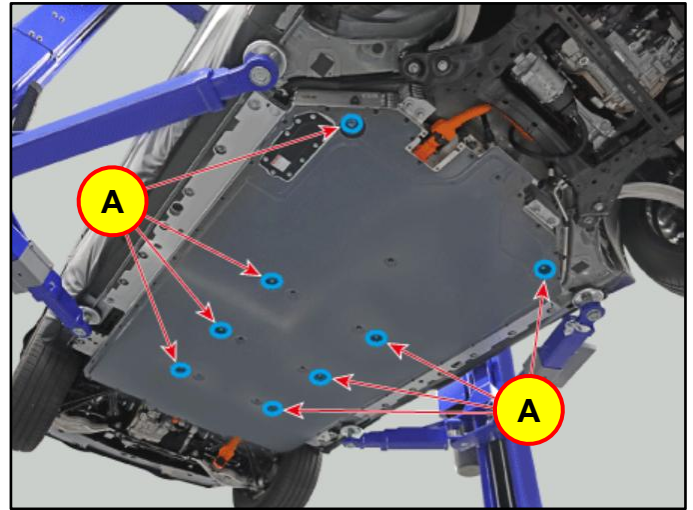
Disconnect the 12V battery.

3. Shut **OFF** the high-voltage circuit then remove the BSA (A) by referring to the shop manual:
 - **Battery Control System > High Voltage Battery System > Battery System Assembly (BSA) > Removal and Installation**

NOTICE

Discard the original bolts as they are one time use and use new bolts (P/N: 37535-G1050) when reinstalling the BSA.

Torque the bolts to the recommended torque spec. listed in the shop manual.



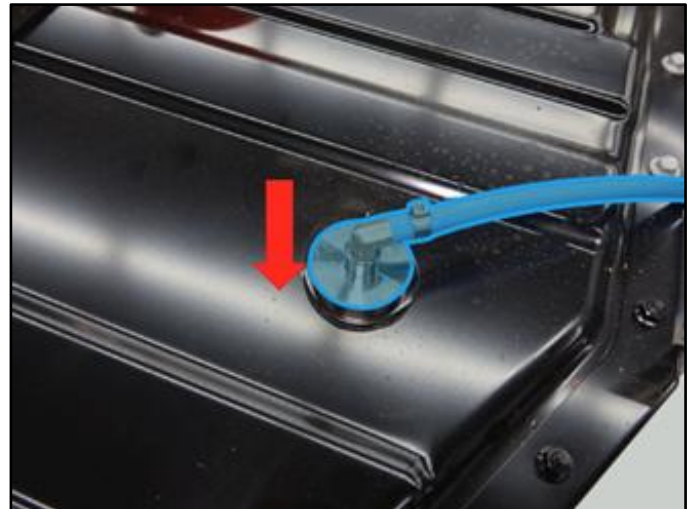
- 4.

NOTICE

A MOBIS representative will inspect and retighten the bus bar bolts. MOBIS may recommend replacement of the BSA if necessary (IONIQ 9 ONLY).

- PA approval is needed before ordering a BSA (**ONLY** IONIQ 9). Once the replacement BSA arrives, then proceed to **step 9**.

The MOBIS representative will determine if replacement of the waterproof gasket is necessary. If replaced, submit the corresponding opcode to include the gasket in the repair.



The dealer technician and MOBIS representative will perform the BSA Coolant Line Leak Test and BSA Air Tightness Test. MOBIS representative will supply necessary special service tools. Dealer technician is to utilize dealer GDS tool.

5. Perform Coolant Line Leak Test by referring to the shop manual:
 - **Battery Control System > High Voltage Battery System > Inspection > Air Tightness**

6.

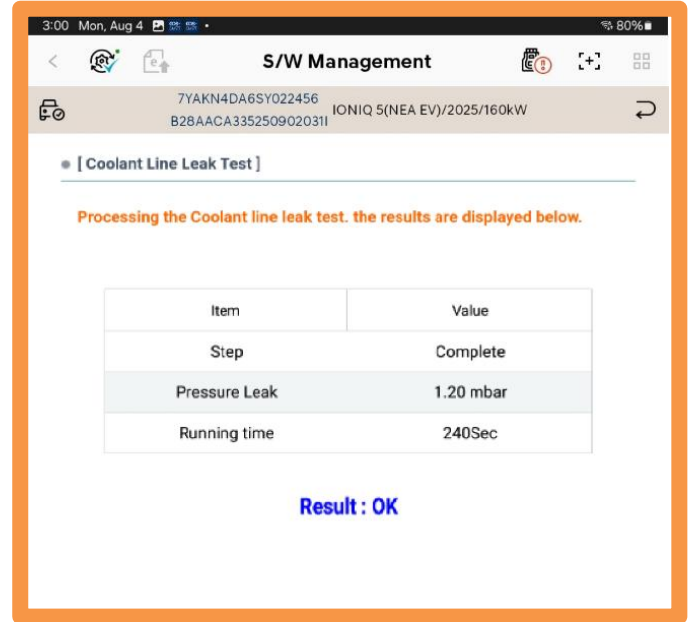
DIGITAL DOCUMENTATION



Using the tablet or GDS screen capture function, take a screenshot of the “OK” coolant line leak test result.

Upload the photo to STUI.

NOTE: The VIN/Date/Time/Mileage photo imprint is **NOT** required for GDS screenshots.



7. Perform BSA Air Tightness Test (“High Voltage Battery Pack Leak Test”) in GDS.

Refer to the shop manual:

- **Battery Control System > High Voltage Battery System > Inspection > Air Tightness**

NOTICE

If the BSA air tightness test **FAILS**, MOBIS will replace the gasket. Repeat **Step 7**.

8.

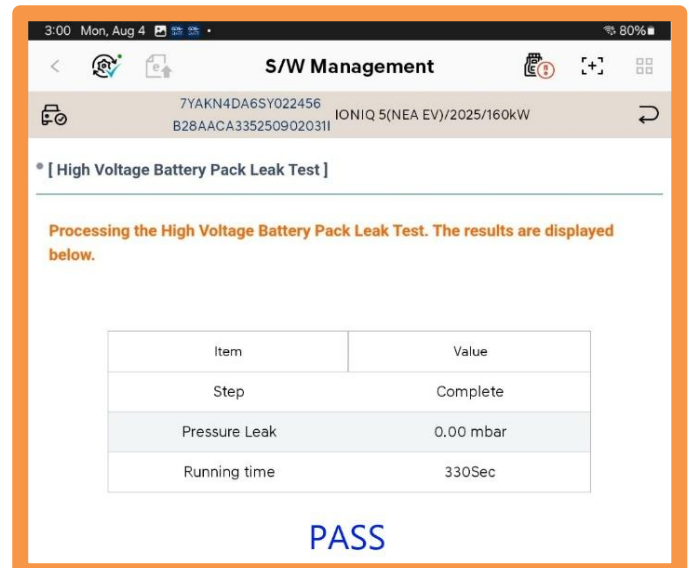
DIGITAL DOCUMENTATION



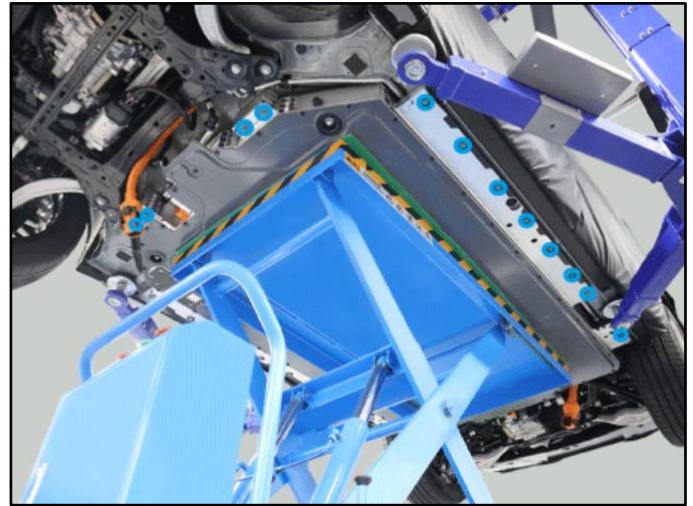
Using the tablet or GDS screen capture function, take a screenshot of the “PASS” air tightness test result.

Upload the photo to STUI.

NOTE: The VIN/Date/Time/Mileage photo imprint is **NOT** required for GDS screenshots.



9. Install the BSA in the reverse order of removal process and by referring to the shop manual:
 - **Battery Control System > High Voltage Battery System > Battery System Assembly (BSA) > Removal and Installation**



NOTICE

Ensure the one-time bolts are replaced per the shop manual procedures.

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

10. Fill the coolant and bleed the cooling system by referring to the shop manual:
 - For IONIQ 5 (NEA EV):
Cooling System > High Voltage Battery Cooling System > Coolant > Coolant Refilling and Bleeding
 - For IONIQ 9 (ME1A EV):
Cooling System > Cooling System > Coolant > Supplement

Actuation Test - Vehicle Control Unit

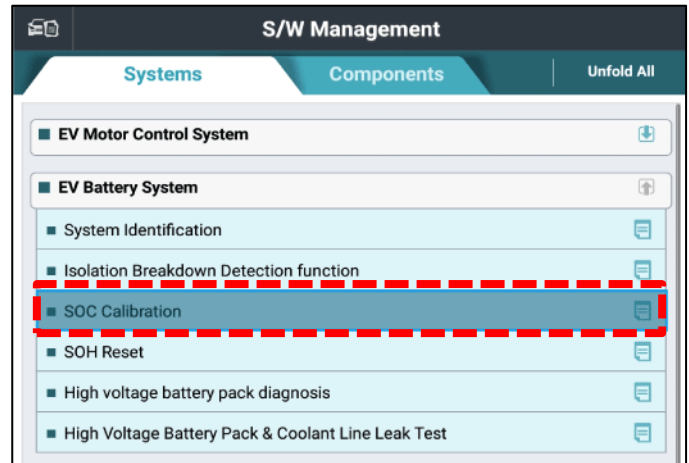
| Test Items (12) | Condition | Duration | Result |
|--|------------------|----------|-------------------|
| EWP(Battery Side) Max RPM Operation On | IG ON, Not EV | ... | Until Stop Button |
| Battery Coolant Valve Operation | IG ON, Not EV | ... | Until Stop Button |
| Battery Coolant Valve Operation | IG ON, Not EV | ... | Until Stop Button |
| Battery EWP Operation Mode | IG ON, Not EV | ... | Until Stop Button |
| Heater Relay On/Off | EV Ready, No DTC | ... | Until Stop Button |

Start

NOTICE

When operating the electric water pump (EWP) through actuation test, simultaneously charge the 12V battery to prevent battery discharge.

11. Perform the **SOC Calibration**.



12. The service procedure is now complete if **NO** BSA replacement is needed.

- If BSA replacement (**ONLY** IONIQ 9) is needed, install the new BSA following **steps 9 – 11** and perform Digital Documentation in **step 13** for the new BSA's part label.

13.

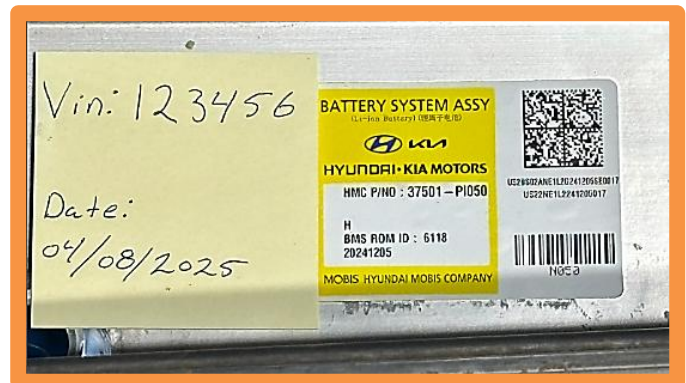
DIGITAL DOCUMENTATION



Using the STUI camera function, take a photo of the new BSA's part label.

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.



14. The service procedure is now complete.