



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

GROUP <b>CAMPAIGN</b>	NUMBER <b>26-01-029H</b>
DATE <b>MARCH 2026</b>	MODEL(S) <b>IONIQ 5 (NEA EV) IONIQ 9 (ME1A EV)</b>

**SUBJECT:** FRONT MOTOR & REDUCTION GEAR ASSEMBLY  
 REPLACEMENT FOR NOISE  
 (LIMITED COVERAGE CAMPAIGN LA9)

**\* IMPORTANT**

Dealers must perform this field action on all affected vehicles within 10 / 100,000 High Voltage Warranty for original owners, and is transferable to subsequent owners, prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

See Warranty Information section for more details. Access the “Vehicle Information” screen via WebDCS to verify “Warranty Start Date” and ensure the vehicle is High Voltage Warranty, observing mileage prior to any repair work.

**Description:** Certain IONIQ 5 (NEA EV) and IONIQ 9 (ME1A EV) vehicles (affected VINs listed below) may exhibit a high-frequency noise from the front motor area during low-speed deceleration. This bulletin provides instructions to replace the front motor and gear reduction assembly.

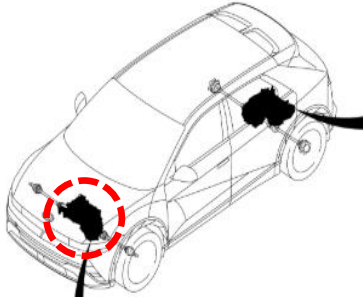



**Applicable Vehicles (Certain):**

Model Year	Model	Production Dates
2025	IONIQ 5 (NEA EV)	05/06/2025 – 06/05/2025
2026	IONIQ 9 (ME1A EV)	05/07/2025 – 06/04/2025

**NOTICE**

To avoid any potential damage to IONIQ vehicles, repairs can only be performed at IONIQ certified dealers.

**SUBJECT:****FRONT MOTOR & REDUCTION GEAR ASSEMBLY REPLACEMENT  
FOR NOISE (LIMITED COVERAGE CAMPAIGN LA9)****Parts Information:**

Model	Part Name	Part Number	Figure	Remarks
IONIQ 5 (NEA EV) & IONIQ 9 (ME1A EV)	Motor- Gear Drive Unit Assy, FRT	44000-18FA1		Qty: 1
	Clip	49557-F2000		Qty: 2
	Nut-Castle	49551-4T000		Qty: 2
	Pink Antifreeze/ Coolant	00232-19098		Qty: 2 gallons

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**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
IONIQ 5 (NEA EV)	50DV20R0	Front Motor Gear Assembly Replacement & Wheel Alignment	5.8 M/H	44000-18FA1	Q51	ZZ7
IONIQ 9 (ME1A EV)						

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

**NOTE 2:** 10 /100,000 High Voltage Warranty for original owners and is transferable to subsequent owners, applies to the part(s) and repair procedure(s) outlined in this TSB. Prior to beginning any repair work, ensure that the part(s) associated with the repair procedure are within the applicable warranty, observing mileage and Warranty Start Date or date of first use. If the subject part(s) are out of warranty coverage, the dealer may submit a PA Request for goodwill consideration on a case-by-case basis.

**NOTE 3:** 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 4:** This TSB includes repair validation photos. Op times include VIN, mileage, and repair validation photo(s) as outlined in the Digital Documentation Policy.

**NOTE 5:** 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:**

**DIGITAL DOCUMENTATION**



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

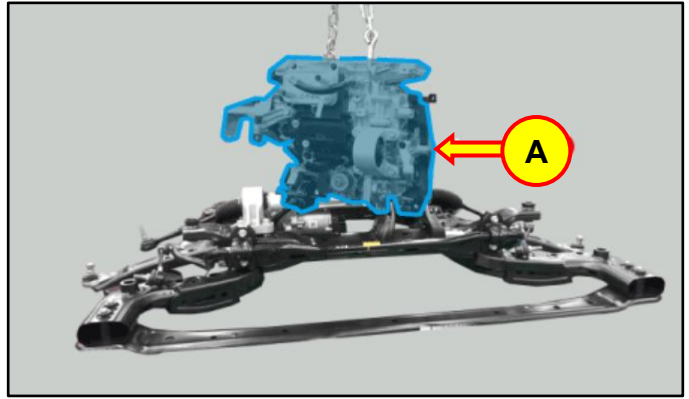
**NOTICE**

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

**SUBJECT:** FRONT MOTOR & REDUCTION GEAR ASSEMBLY REPLACEMENT  
FOR NOISE (LIMITED COVERAGE CAMPAIGN LA9)

1. Replace the front motor and reduction gear assembly (A) by referring to the shop manual:

- **Motor and Reduction Gear System > Front Motor and Reduction Gear System > Front Motor and Reduction Gear Assembly > Removal / Installation**



2.

**DIGITAL DOCUMENTATION**



Using the STUI camera function, take a photo of the newly installed Front Motor & Reduction Gear Assembly clearly showing the serial number.

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.



3. Reinstall all remaining parts in reverse order of the removal process.

4. Fill coolant, perform air bleeding, and complete Initialization of Automatic Resolver Offset Calibration as detailed in the shop manual:

- **Motor and Reduction Gear System > Front Motor and Reduction Gear System > Front Motor and Reduction Gear Assembly > Installation**

5. Perform wheel alignment by referring to the shop manual:
  - **Suspension System > Tires/Wheels > Alignment > Inspection**
6. Verify normal vehicle operation, and that there is **NO** high frequency noise during low speed deceleration.
7. The service procedure is now complete.