



# Technical Service Bulletin

GROUP <b>RECALL</b>	NUMBER <b>25-01-033H</b>
DATE <b>SEPTEMBER 2025</b>	MODEL(S) <b>IONIQ 5 (NEA EV)</b>

**SUBJECT:** REAR SUSPENSION TOE AND CAMBER BOLTS REPLACEMENT, ALIGNMENT, AND TIRE INSPECTION (RECALL 284)

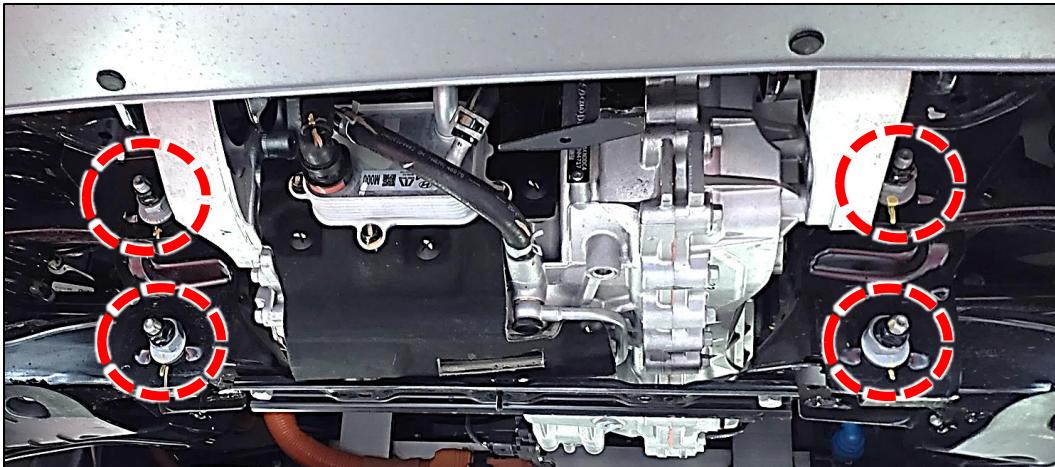
## ★ IMPORTANT

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 IONIQ 5 (NEA EV) vehicles may have rear toe and/or camber adjustment bolts installed with insufficient torque during assembly. Insufficiently tightened rear toe and/or camber adjustment bolts could gradually loosen over time and potentially reduce vehicle stability and control during operation, thereby increasing the risk of a crash. This bulletin provides instructions for replacement of the rear toe and camber adjustment bolts and nuts, wheel alignment, and tire replacement if necessary.



### Applicable Vehicles (Certain):

Model Year	Model	Production Dates
2025	IONIQ 5 (NEA EV)	12/17/2024 – 03/25/2025

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



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

**Parts Information:**

Model	Part Name	Part Number	Quantity	Remark
IONIQ 5 (NEA EV)	Nut – Flange	62618-3F600	4	N/A
	Bolt – CAM	55268-AR101	2	Toe adjustment bolt
	Bolt – CAM	55268-CU000	2	Camber adjustment bolt
	Tire Kumho Crugen HP71 EV K-Silent 235/55R19 101H	2303463	4	<ul style="list-style-type: none"> <li>• Only order tires based on the tire inspection results.</li> <li>• Order tires through current program process.</li> <li>• Tire part number is manufacturer's SKU.</li> </ul>
	Tire Michelin Primacy Tour A/S 255/45R20 XL 105V	24551	4	

**Required Equipment/Supplies:**

Name	Figure	Remarks
Paint Pen		<ul style="list-style-type: none"> <li>• Sourced from local supplier</li> <li>• Yellow or white color</li> </ul>
Tire Tread Depth Gauge		<ul style="list-style-type: none"> <li>• Sourced from local supplier</li> <li>• Increments of 1/32<sup>nd</sup> of an inch</li> </ul>

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**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
IONIQ 5 (NEA EV)	51DV06R0	Rear Toe/Camber Bolt Replacement, Tire Inspection, and Wheel Alignment	1.1 M/H	62618-3F600	B11	ZZ7
	51DV06R1	Rear Toe/Camber Bolt Replacement, Tire Inspection, Tire Replacement, and Wheel Alignment	2.4 M/H			

**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 campaign 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.**

**NOTE 5:** Operation code '51DV06R1' includes \$1,302.10 in sublet for the following:

- Tires (all 4) – \$1,236
- Shipping/handling (all 4) – \$50
- Disposal fee (all 4) – \$16
- Pen Marking (all 4) – \$0.10

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

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

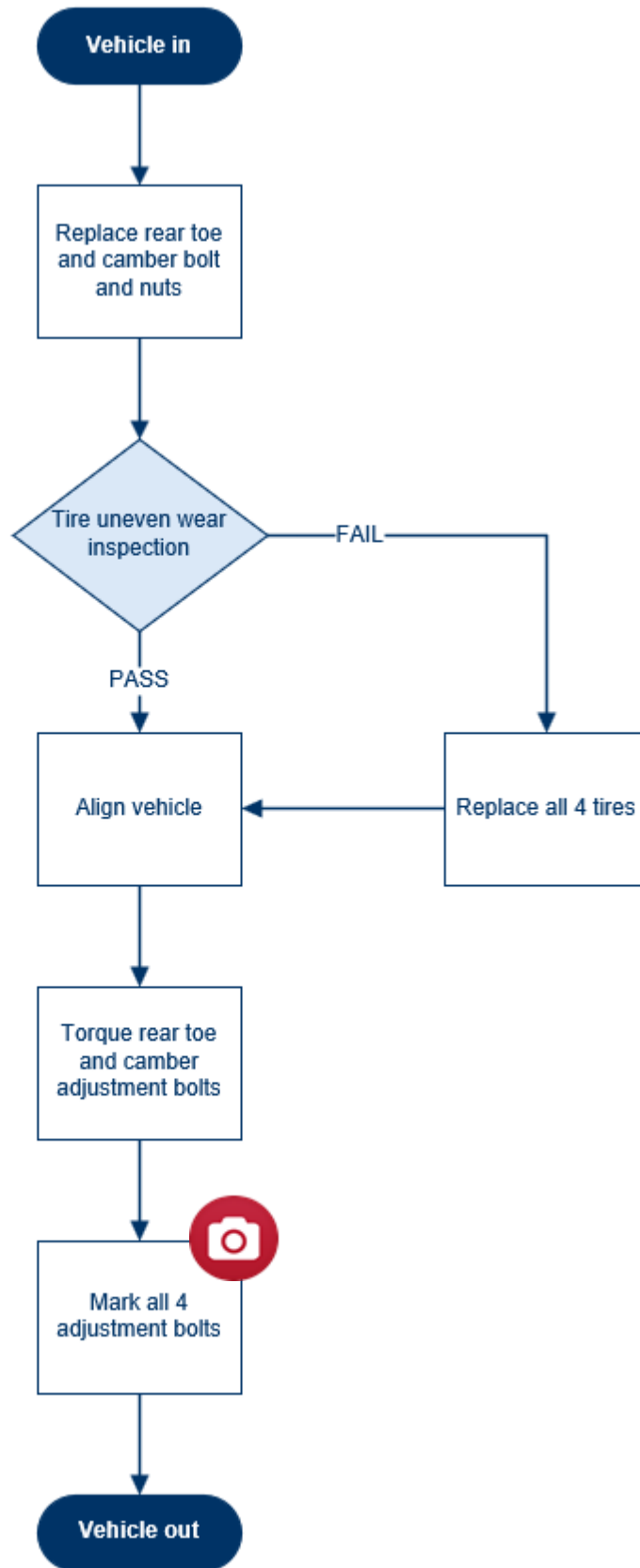
**NOTICE**

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

**SUBJECT:**

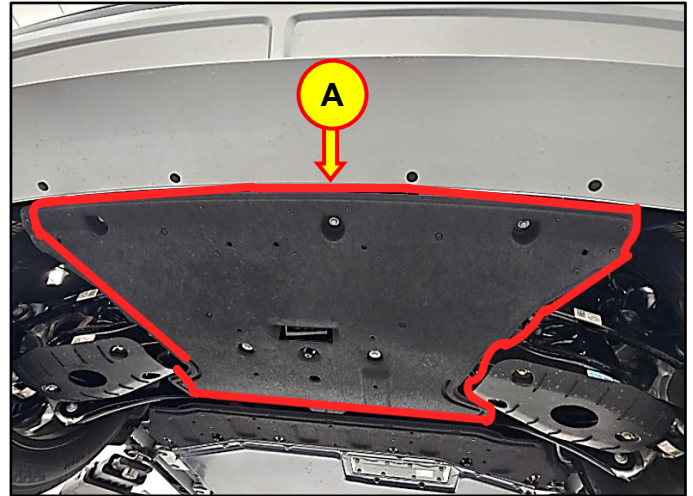
**REAR SUSPENSION TOE AND CAMBER BOLTS REPLACEMENT,  
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**Flowchart:**

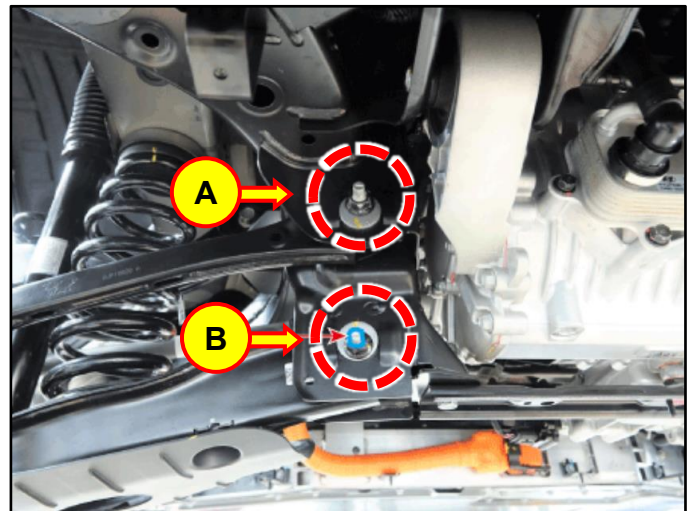


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1. Lift the vehicle to access the underbody.
2. Remove the rear undercover (A) by referring to the shop manual:
  - **Motor and Reduction Gear System > Rear Motor and Reduction Gear System > Rear Under Cover > Removal and Installation**



3. Replace the left rear toe (A) and left rear camber (B) bolts and nuts.
  - Use a jack to support the suspension arms during the replacement.
  - Repeat the same procedure on the right rear side.

**Tightening Torque:**

lb-ft	108
N.m	147

**NOTICE**

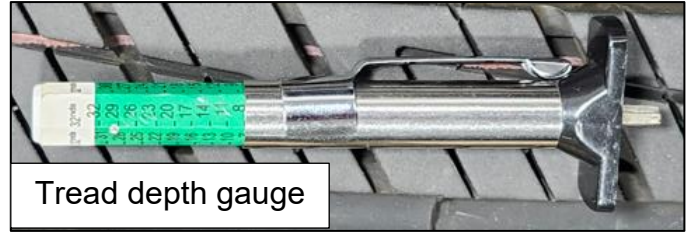
Ensure the correct bolt is used.

Location	Bolt P/N
Toe (A)	55268-CU000
Camber (B)	55268-AR101

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4. Inspect all 4 tires for uneven wear using the inspection methods below.
- If any tire shows signs of uneven wear then go to **step 5** to replace all 4 tires.
  - If all tires wear evenly, go to **step 6**. Do **NOT** replace tires.



**Inspection Methods:**

- a. Check the inner and outer shoulders of each tire.
- If one shoulder is more worn than the other, the tire is unevenly worn.
- b. Use a tread depth gauge to measure the main grooves across the tire's tread.
- If any groove is 1/32<sup>nd</sup> inch deeper or shallower than others, the tire is unevenly worn.



Shoulder Wear: Photo is for illustrative purposes.

Evenly Worn Example: Pass			
Grooves			
1	2	3	4
8/32nd	8/32nd	8/32nd	8/32nd



Tire Groove Measurements

Unevenly Worn Example: Fail			
Grooves			
1	2	3	4
8/32nd	8/32nd	8/32nd	7/32nd



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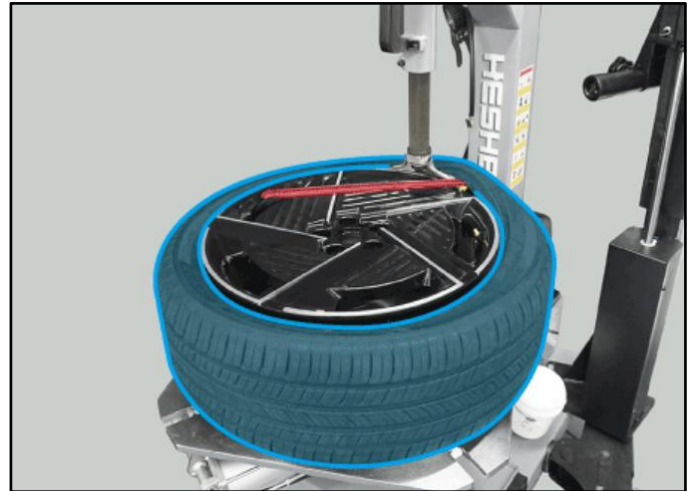
5. If any tire shows uneven wear, replace all 4 tires.

Refer to the shop manual:

- **Suspension System > Tire/Wheels > Tire**

**NOTICE**

Do **NOT** replace tires if all tires are wearing evenly.



6. Check and adjust alignment as needed to meet specification.

Refer to the shop manual:

- **Suspension System > Tire/Wheels > Alignment**



7. After alignment, torque all adjusted bolts to specification.

**Tightening Torque:**

- **Front Tie Rod Lock Nut:**

lb-ft	38
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N.m	51
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- **Rear Camber and Toe Fasteners:**

lb-ft	108
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N.m	147
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8. Mark all four rear camber and toe bolts with a colored paint pen to confirm they were torqued to specification.



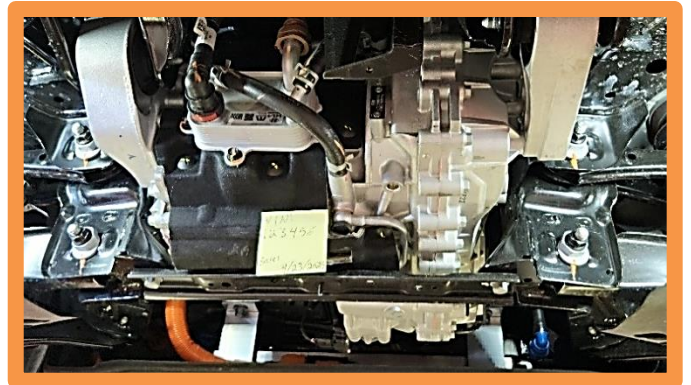
- 9.

**DIGITAL  
DOCUMENTATION**



**Using STUI, take a photo showing all four, marked bolt locations with the last 6 digits of the VIN and the date of repair on a piece of paper.**

**Upload the photo to STUI.**



10. Reinstall the rear under cover in the reverse order of the removal process.
11. The service procedure is now complete.