



# Technical Service Bulletin

GROUP <b>BODY ELECTRICAL</b>	NUMBER <b>25-BE-021H</b>
DATE <b>NOVEMBER 2025</b>	MODEL(S) <b>SEE BELOW</b>

**SUBJECT:** FUEL FILLER DOOR IMPROPERLY OPENING OR CLOSING

## \* IMPORTANT

This field action requires justification in the form of a customer concern, and a confirmed case for the related symptom outlined in the TSB, prior to any repair work. If justification requirements are not met, any submitted claims are subject to debit. 5/60,000 New Vehicle Limited Warranty applies. See Warranty Information section for more details.


**Description:** Certain Tucson (NX4, NX4A) and Tucson Hybrid (NX4 HEV) vehicles may exhibit an improper fuel filler door opening or closing condition due to an inoperative fuel filler door release actuator. This bulletin provides instructions to replace the fuel filler door release actuator.



### Applicable Vehicles:

Model Year	Model	Engine	Production Dates	VIN Starts with
2022 – 2023	Tucson (NX4)	2.5L	01/23/2021 – 05/11/2023	5NM
2022 – 2024	Tucson (NX4A)	2.5L	02/03/2021 – 03/13/2024	KM8
2022 – 2023	Tucson Hybrid (NX4 HEV)	1.6L	01/20/2021 – 05/25/2023	

**Parts Information:**

Model	Part Name	Part Number	Figure	Remarks
Tucson (NX4, NX4A)	Actuator	815A2-P2000QQH		Qty: 1  Fuel Filler Door Release Actuator
Tucson Hybrid (NX4 HEV)				

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Tucson (NX4)	50D154R0	Fuel Filler Door Release Actuator Replacement	0.3 M/H	81560-N9000	B33	ZZ3
Tucson Hybrid (NX4 HEV)						
Tucson (NX4A)	50D154R3					

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

**NOTE 2:** 5 / 60,000 New Vehicle Limited Warranty (NVLW) applies to the part(s) and repair procedure(s) outlined in this TSB. Prior to beginning any repair work, ensure the part(s) associated with the repair procedure are within NVLW, observing mileage and Warranty Start Date or date of first use. If the subject part(s) 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:** 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 justification 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 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.

**i Information**

Refer to the QR code or link below for a demonstration of removing the fuel filler door housing from the vehicle:

[Tucson/Tucson HEV/Santa Cruz – Fuel Filler Door Housing Removal Demonstration](#)

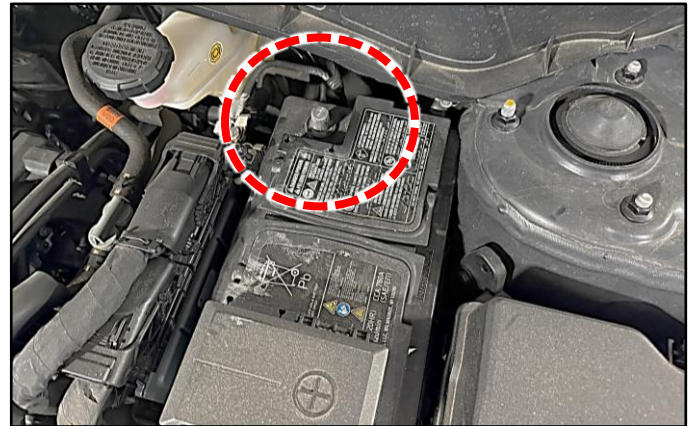


**Fuel Filler Door Release Actuator Replacement**

1. Disconnect the negative (-) battery terminal.

**Tightening Torque:**

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



2. Open the fuel filler door then remove the fuel filler door panel (A).



3. Wrap the mounting arm for the fuel filler door panel with a clean rag to prevent damage to the vehicle.



4. Spray a soap and water solution around the edge of the fuel filler door housing to aid in removal from the vehicle.



5. Remove the fuel cap.



6. Insert a plastic trim tool under the gasket around the fuel filler door housing to begin removal.

**NOTICE**

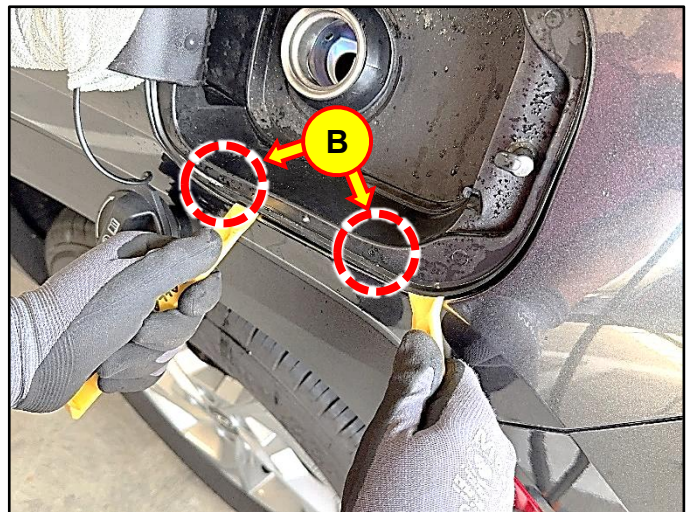
Avoid tearing the gasket.



7. Use plastic trim tools to disengage the bottom clips (B).

**i Information**

4 clips – 2 on top & 2 on bottom of the fuel filler door housing.



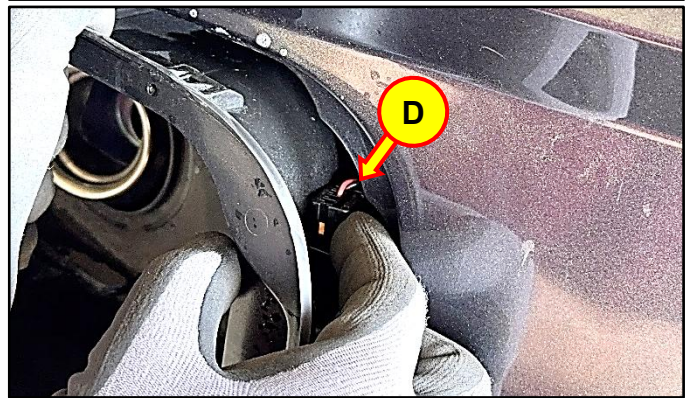
8. Continue prying around fuel filler door housing to release the remaining clips.



9. Disengage the top clips (C) with plastic trim tools.



10. Gently pull out the fuel filler door housing and disconnect the connector (D) from the fuel filler door release actuator.



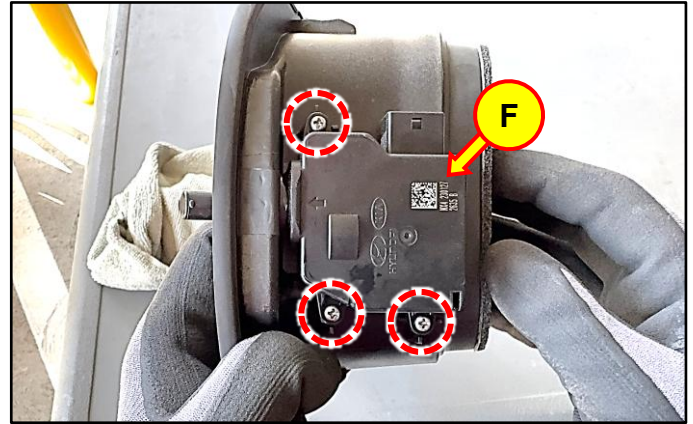
11. Use plastic trim tools to loosen the fuel filler door housing from the fuel filler neck assembly (E).



12. Remove the fuel filler door housing.



- Remove 3 screws then remove the fuel filler door release actuator (F).



- DIGITAL DOCUMENTATION**

Using the STUI camera function, take a photo of the production stamp on the original actuator.

Upload the photo to STUI.

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



- Install the new fuel filler door release actuator onto the housing.



**i** Information

Refer to the QR code or link below for a demonstration of reinstalling the fuel filler door housing onto the vehicle:

[Tucson/Tucson HEV/Santa Cruz – Fuel Filler Door Housing Reinstallation Demonstration](#)



16. Reconnect the connector.



17. Reinstall all parts in reverse order of removal process.

18. Reconnect the negative (-) battery terminal.

19. Verify the fuel door is working properly.



20. The service procedure is now complete.