

 **HYUNDAI**
Technical Service Bulletin

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| GROUP CAMPAIGN | NUMBER 24-01-047H |
| DATE JULY 2024 | MODEL(S) TUCSON (NX4A) |

SUBJECT: ICU SOFTWARE UPDATE FOR INCORRECT REAR SEAT BELT WARNING LIGHT AND TURN SIGNAL ERROR MESSAGE (SERVICE CAMPAIGN TBX)

*** IMPORTANT**

Dealers must perform this service campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the “Vehicle Information” screen via WebDCS to identify open campaigns.

Description: Certain 2024MY Tucson (NX4A) vehicles may exhibit a seat belt warning light for the rear seats illuminating incorrectly and/or a “Check turn signal” error message on the cluster. Follow the procedure in this bulletin to update the software for the Integrated Control Unit (ICU) to correct these conditions.

SYMPTOM 1 – RR SEAT BELT Warning



SYMPTOM 2 – CHECK TURN SIGNAL



Applicable Vehicles (Certain):

- 2024MY Tucson (NX4A) produced 9/29/2023 – 12/29/2023.

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GDS Information:

| System | Event # | Description |
|--------|---------|---|
| ICU | 1113* | 1113. NX4a 24MY ICU SW UPGRADE(TURN SIGNAL CONTROL LOGIC) |

*or use a later available event as listed in the GDS Update screen if one is available.

Warranty Information:

| Model | Op. Code | Operation | Op. Time | Casual Part | Nature Code | Cause Code |
|---------------|----------|---------------------|----------|-------------|-------------|------------|
| Tucson (NX4A) | 40DA05R0 | ICU Software Update | 0.3 M/H | 91951-CW113 | I14 | ZZ3 |

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: Op times include VIN, Mileage, and photo capture of the “ECU update complete” screen as outlined in the Digital Documentation Policy.

NOTE 4: If a part is found in need of replacement while performing this TSB 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.

ROM ID Information:

| Model | System | ECU Part Number | ROM ID | |
|---------------|--------|--|--------|------|
| | | | Old | New |
| Tucson (NX4A) | ICU | 91951-CW113 91951-CW123 91951-CW133 91951-CW143 | 3020 | 3021 |

Service Procedure:

STUI

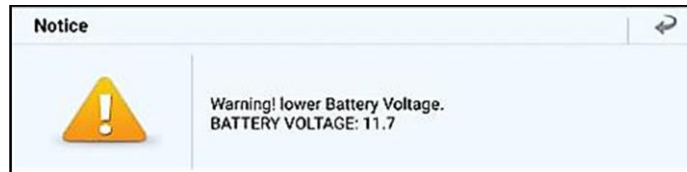


This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

NOTICE

GDS Vehicle Battery Low Voltage Warning:

If voltage is below 12 volts per the GDS warning, then select **Back** and attach a battery charger to ensure an adequate battery charge for reliable update results. Turn ignition back **ON**, and then retry the ECU update again.



ECU Update Procedure

1. Perform the ECU update in Auto Mode.



Information

Refer to TSB 15-GI-001, **ECU Update Procedure** for additional information.

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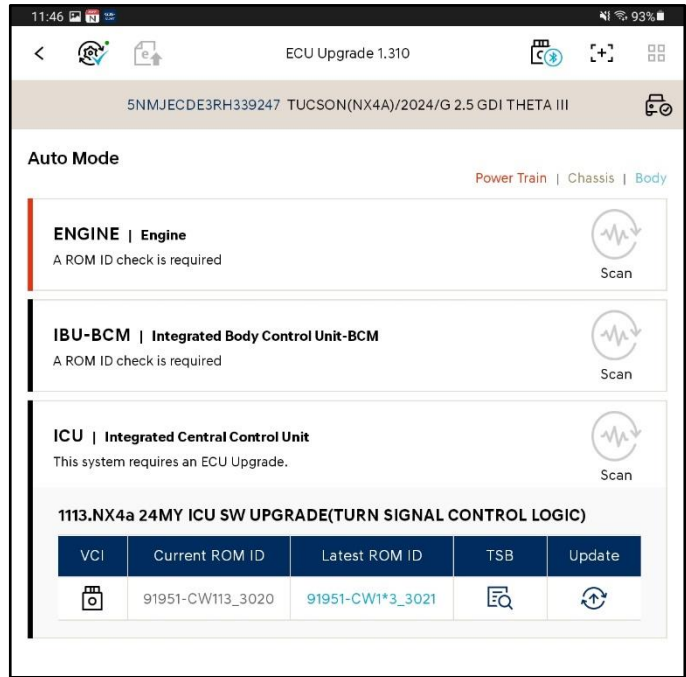
2. Select the **ICU** system to scan the vehicle's current ROM ID.

NOTICE

Check the current ROM ID version and compare it to the ROM ID Information Table before attempting to perform the software update.

NOTICE

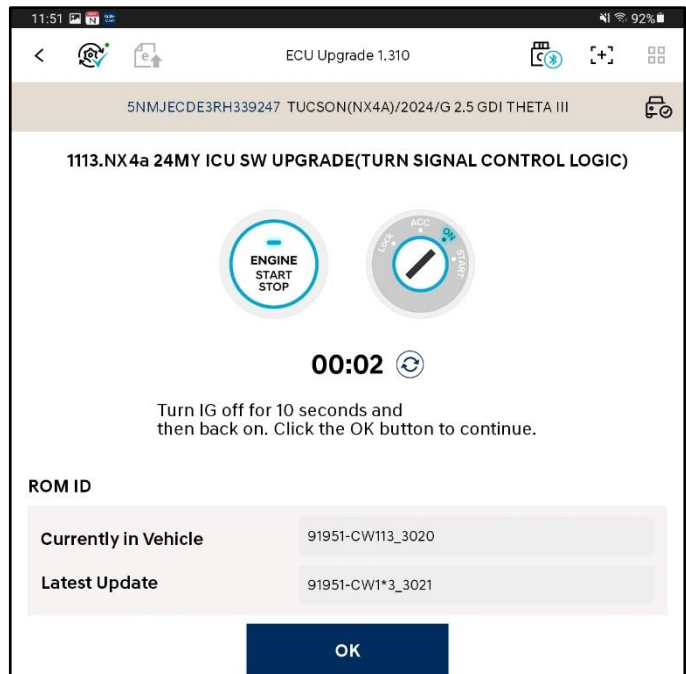
If the upgrade fails, please remove the power connector or the battery (-) connector from the indoor fuse box for at least 5 seconds and reassemble it to retry the upgrade.



3. After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least 10 seconds to reset the control unit. (Certain models may take up to 30 seconds.)

i Information

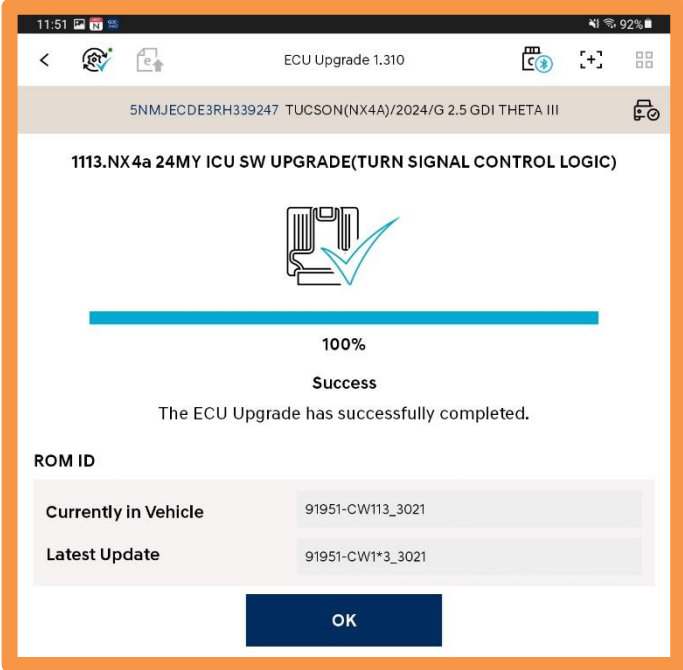
Use the Refresh button to reset the timer.



4.

STUI

Take a screenshot of the ECU update complete screen using your tablet and upload to STUI.



5. Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.
6. Start the engine to confirm proper operation of the vehicle.

Manual Mode Passwords: Event #1113

NOTICE

You must initially perform the GDS ECU update in Auto Mode.

- If the ECU update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

| ECM Menu | Password |
|---------------------------|----------|
| NX4A 24MY ICU 91951-CW113 | 1113 |
| NX4A 24MY ICU 91951-CW123 | |
| NX4A 24MY ICU 91951-CW133 | |
| NX4A 24MY ICU 91951-CW143 | |