 HYUNDAI Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 23-01-080H
	DATE SEPTEMBER 2023	MODEL SANTA FE (TMA) TUCSON (NX4A)
SUBJECT: AUTOMATIC TRANSMISSION CASTING INSPECTION & REPLACEMENT (SERVICE CAMPAIGN TAS)		

Description: This TSB applies to certain vehicles with 8-speed transmissions that may have had a machining operation out of specification that could lead to a higher mileage durability issue regarding the transmission oil pump. Follow the steps listed below to inspect the transmission. Replace the transmission if needed.

*** 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.

Applicable Vehicles (Certain):

- 2023MY Santa Fe (TMA) 2.5L Vehicles produced from June 29, 2023 to July 03,2023
- 2023MY Tucson (NX4a) 2.5 GDI Vehicles produced from June 29, 2023 to July 03,2023

Parts Information:

MY	Model	Transmission Part Number	
		Old	New
2023	Santa Fe (TMA) 2.5L	45000-4GDX5	45000-4GDX5QQH
2023	Tucson (NX4A) 2.5L	45000-4GDN5	45000-4GDN5QQH

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part	Nature Code	Cause Code
Santa Fe (TMA)	30DA15I0	8AT Inspection	0.3 M/H	45000-4GDX5QQH (TMA)	I3A	ZZ3
Tucson (NX4A)	30DA15R1	8AT Inspection and Replacement	3.5 M/H	45000-4GDN5QQH (NX4A)		

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

NOTE 2: This TSB includes Repair validation photos. Op times include VIN, Mileage, and Repair validation photos as outlined in the Digital Documentation Policy.

NOTE 3: 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 4: 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.

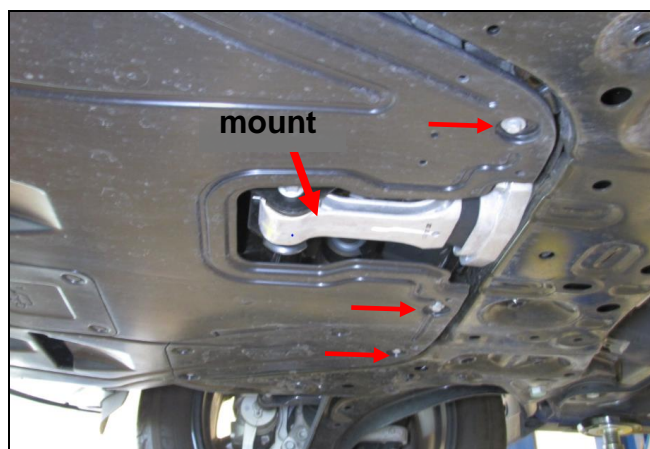
Service Procedure:

STUI



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

1. Raise the vehicle on lift.
Remove the bolts and remove the undercover.
Inspect the transmission near the transmission torque mount.



2. Inspect the transmission just below the QR code for a machine mark.



3. Using the example photos shown below, determine if the transmission is **GOOD** or **NG** (must be replaced). The marks are different depending on the transmission production lines.

STUI



Using STUI, take a photo of the casting mark measuring the distance from the bottom of the tab and the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



4. **Transmission NG - Must be replaced:**

Mark is **0~3.5 mm (0~9/64")** from the bottom of the tab:

If the stamping mark is round as shown, the transmission must be replaced.

Refer to [hyundaitechinfo: Shop Manual](#) ->
[Automatic Transaxle System](#) ->
[Automatic Transaxle System](#) ->
[Automatic Transaxle](#)->
[Repair Procedures](#)

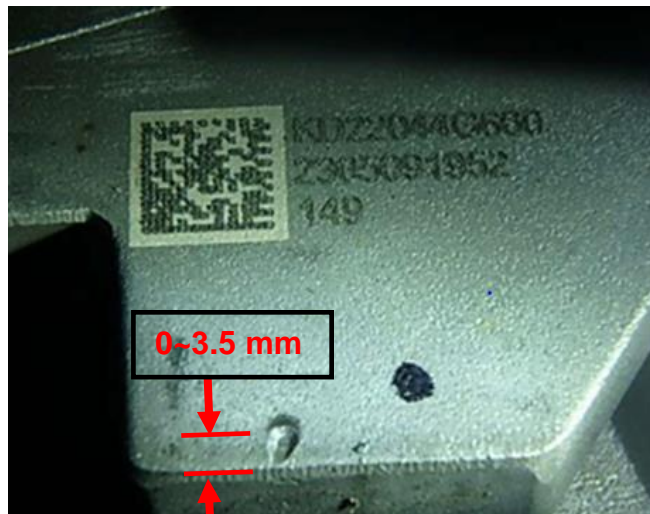


5. **Transmission GOOD - Replacement not needed.**

Mark is **0~3.5 mm (0~9/64")** from the bottom of the tab:

If the stamping mark is not perfectly round, but elongated as shown, the transmission is OK and does not need to be replaced.

The service procedure is complete.



6. **Transmission GOOD - Replacement not needed.**

Mark is **4.0~8.0 mm (5/32~5/16")** from the bottom of the tab:

If the stamping mark is round as shown, the transmission is OK and does not need to be replaced.

The service procedure is complete.



7. Reinstall the undercover.

Return the vehicle to the customer.