



# Technical Service Bulletin

GROUP <b>AUTOMATIC TRANSMISSION</b>	NUMBER <b>23-AT-004H</b>
DATE <b>MAY 2023</b>	MODEL(S) <b>SANTA FE (TMa) SONATA (DN8a) SANTA CRUZ (NXT)</b>

**SUBJECT:** 8-SPEED WET DCT REPLACEMENT DUE TO HP EOP

**Description:** This TSB applies only if Recall 236 or Service Campaign T8N has been performed and the 8 speed wet dual clutch transmission (8WDCT) replacement is necessary related due to high pressure electric oil pump (HP EOP) DTC's **P1C2D03** (HP EOP Motor Position Sensor), **P193B79** - HP EOP Performance, **P0868** - Transmission Fluid Pressure (TFP) Sensor – Low. Replace the 8WDCT under this bulletin.

**STUI**



**This TSB includes STUI picture(s) as a requirement.** Where indicated, please include the last 6 digits of the VIN and date of repair on a piece of paper. Ensure the VIN and date of repair are clearly visible. Finally, please ensure the captured pictures are completed according to the steps in this TSB and uploaded to STUI. **All claims submitted that have illegible, incomplete, missing, or incorrect picture(s) are subject to debit.**

### Applicable Vehicles:

Certain 2021-22MY Santa Fe (TMa) equipped with 2.5T engine produced 11/20/2020 - 07/11/2022 (VINs starting with "5NM")

Certain 2021-22MY Sonata (DN8a) equipped with 2.5T engine & N-Line trim produced 11/24/2020 - 02/12/2022 (VINs starting with "5NP")

Certain 2022MY Santa Cruz (NXT) equipped with 2.5T engine produced 06/22/2021 - 06/13/2022

### Parts Information:

MODEL	PART NAME	BEFORE	AFTER	NOTE
Santa Fe (TMa)	2WD TRANSMISSION ASSY-DCT(WITHOUT TCU)	43000-2N036	43000-2N036QQH / 43000-2N036RM	
	4WD TRANSMISSION ASSY-DCT(WITHOUT TCU)	43000-2N037	43000-2N037QQH / 43000-2N037RM	
Sonata (DN8a) with N Line Trim	TRANSMISSION ASSY-DCT(WITHOUT TCU)	43000-2N052	43000-2N052QQH / 43000-2N052RM	
Santa Cruz (NXT)	4WD TRANSMISSION ASSY-DCT(WITHOUT TCU)	43000-2N029	43000-2N029QQH / 43000-2N029RM	
ALL	DCT Control Oil	N/A	00232-19101	3qts.
	DCT Gear Oil	N/A	00232-19100	4qts.

**\*Transmissions ending in 'RM' do not come with fluid.**

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

**i** Information

Please follow standard HMA Warranty Policy when ordering transmissions. If vehicle is over 500 miles, please use Reman (RM). If Reman is not available, please use QQH.

**Warranty Information:**

MODEL	OP CODE	OPERATION	OP TIME	CAUSAL PART	NATURE CODE	CAUSE CODE
Santa Fe (TMa)	30DA01R0	DTC P1C2D03 8DCT Replacement – 2WD (QQH)	3.8 M/H	43000-2N036QQH	I3T	ZZ3
	30DA01RK	DTC P1C2D03 8DCT Replacement – 4WD (QQH)	4.1 M/H	43000-2N036QQH		
	30DA01R1	DTC P1C2D03 8DCT Replacement – 2WD (RM)	3.8 M/H	43000-2N036RM		
	30DA01RJ	DTC P1C2D03 8DCT Replacement – 4WD (RM)	4.1 M/H	43000-2N036RM		
	30DA01R2	DTC P0868 8DCT Replacement – 2WD (QQH)	3.8 M/H	43000-2N036QQH		
	30DA01RL	DTC P0868 8DCT Replacement – 4WD (QQH)	4.1 M/H	43000-2N036QQH		
	30DA01R3	DTC P0868 8DCT Replacement – 2WD (RM)	3.8 M/H	43000-2N036RM		
	30DA01RM	DTC P0868 8DCT Replacement – 4WD (RM)	4.1 M/H	43000-2N036RM		
	30DA01R4	DTC P193B79 8DCT Replacement – 2WD (QQH)	3.8 M/H	43000-2N036QQH		
	30DA01RN	DTC P193B79 8DCT Replacement – 4WD (QQH)	4.1 M/H	43000-2N036QQH		
	30DA01R5	DTC P193B79 8DCT Replacement – 2WD (RM)	3.8 M/H	43000-2N036RM		
	30DA01RP	DTC P193B79 8DCT Replacement – 4WD (RM)	4.1 M/H	43000-2N036RM		

**SUBJECT:****8-SPEED WET DCT REPLACEMENT DUE TO HP EOP**

Sonata (DN8a) with N- Line Trim	30DA01R6	DTC P1C2D03 8DCT Replacement – 2WD (QQH)	3.4 M/H	43000- 2N052QQH	I3T	ZZ3
	30DA01R7	DTC P1C2D03 8DCT Replacement – 2WD (RM)		43000- 2N052RM		
	30DA01R8	DTC P0868 8DCT Replacement – 2WD (QQH)		43000- 2N052QQH		
	30DA01R9	DTC P0868 8DCT Replacement – 2WD (RM)		43000- 2N052RM		
	30DA01RA	DTC P193B79 8DCT Replacement – 2WD (QQH)		43000- 2N052QQH		
	30DA01RB	DTC P193B79 8DCT Replacement – 2WD (RM)		43000- 2N052RM		
Santa Cruz (NXT)	30DA01RD	DTC P1C2D03 8DCT Replacement – 4WD (QQH)	4.1 M/H	43000- 2N029QQH	I3T	ZZ3
	30DA01RE	DTC P1C2D03 8DCT Replacement – 4WD (RM)		43000- 2N029RM		
	30DA01RF	DTC P0868 8DCT Replacement – 4WD (QQH)		43000- 2N029QQH		
	30DA01RG	DTC P0868 8DCT Replacement – 4WD (RM)		43000- 2N029RM		
	30DA01RH	DTC P193B79 8DCT Replacement – 4WD (QQH)		43000- 2N029QQH		
	30DA01RQ	DTC P193B79 8DCT Replacement – 4WD (RM)		43000- 2N029RM		

**NOTE 1:** Submit Claim on Campaign Claim Entry Screen.

**NOTE 2:** If a part that is not covered by this TSB is found in need of replacement while performing the 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.

**NOTE 3:** OP Time includes taking STUI photo and uploading. The STUI photo must include the new transmission installed with a piece of paper displaying the last 6 digits of the VIN and the date of repair.  
**If not included, claim will be subject to debit.**

**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.**

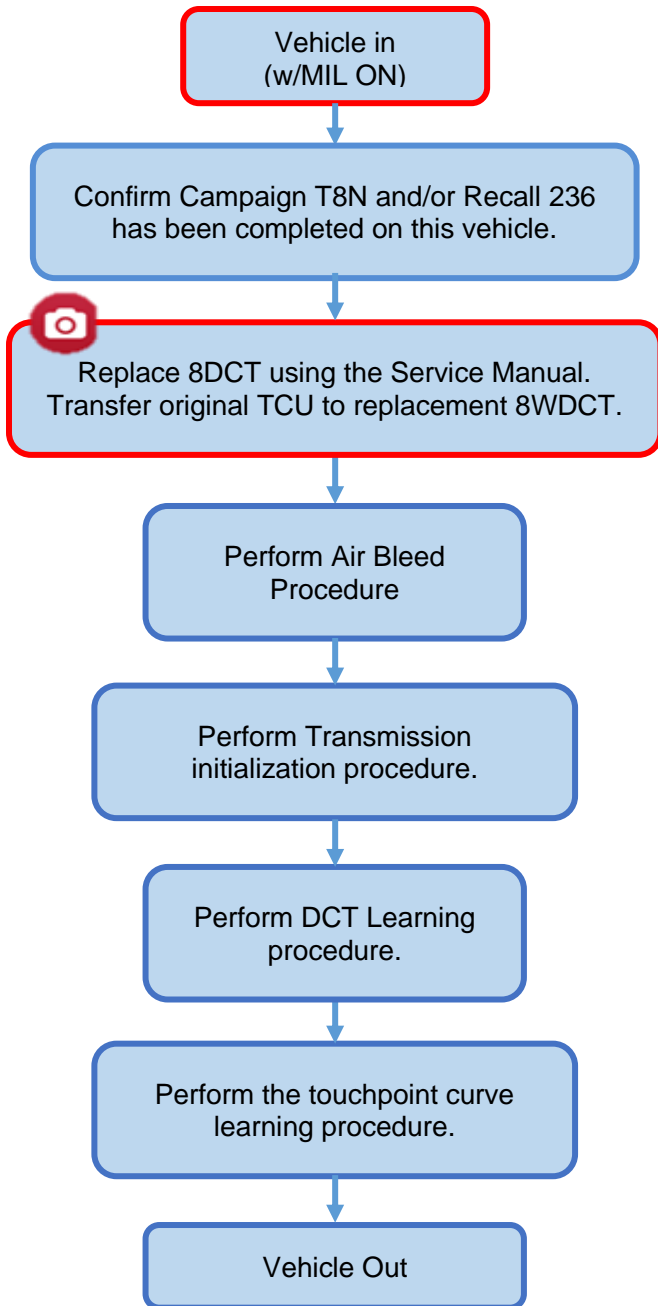
**NOTE 5:** Labor operations with a Reman (RM) transmission will reimburse 3 quarts of DCT control oil and 4 quarts of DCT gear oil.

**Information**

A Prior Approval (PA) request is required for transmission replacement.

**Service Procedure:**

1. Refer to the flowchart below for overall procedure.



**STUI**



Using STUI, take a picture of the serial number of the new DCT assembly prior to replacement. Include a piece of paper with the last six digits of the VIN and date of repair in the photo. Ensure the picture is in focus. Upload the photo to STUI.

