| SUBJECT: | ECU/TCU UPDATE – SHIFT BUMP AND HESITATION (SERVICE CAMPAIGN T7S) |
|---|---|

---

> ## ★ IMPORTANT
>
> ### *** Dealer Stock Vehicles Only ***
>
> Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery.
>
> When a vehicle arrives at the Service Department, access the "Vehicle Information" screen via WEBDCS to identify open Campaigns.

**DESCRIPTION:** Certain 2022MY Santa Fe (TMa) vehicles may exhibit an intermittent shift bump and slight hesitation during low-speed acceleration. This bulletin provides the procedure to update the ECU and TCU software with revised logic to resolve these conditions.

**APPLICABLE VEHICLES:** Certain 2022MY Santa Fe (TMa) vehicles equipped with 8-speed wet Double Clutch Transmissions.

**GDS INFORMATION:** System Selection: **Engine:**

| Event # | Description |
|---|---|
| 777 | 777.TMa PE THETA 2.5TGDI 8DCT ACCELERATION LOGIC IMPROVEMENT (ECU) |

**GDS INFORMATION:** System Selection: **A/T:**

| Event # | Description |
|---|---|
| 778 | 778.TMa PE THETA 2.5TGDI 8DCT ROUGH SHIFT AND HESITATION IMPROVED LOGIC (TCU) |

**WARRANTY INFORMATION:**

| Model | Op Code | Operation | Op Time | Causal Part | Nature Code | Cause Code |
|---|---|---|---|---|---|---|
| Santa Fe (TMA) | 10DA39R0 | ECU + TCU UPGRADE | 0.5 M/H | 39101-2STN7 | I3T | ZZ3 |

**NOTE 1:** Submit claim on Campaign Claim Entry Screen.
**NOTE 2:** If a part that is not covered by this service campaign is found in need of replacement while performing the Service 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 the repair.

---

**SERVICE PROCEDURE:**

**NOTICE**

**You must initially perform GDS ECU and TCU Update in Auto Mode.**
- If the TCU or ECU Update starts but then fails in Auto Mode, disconnect the battery cables, and touch the cables together for one minute. Reconnect the battery cables, attach a battery charger and perform the update in Manual Mode to recover.
- Refer to the General Instructions found in TSB 15-GI-001 (GDS Mobile).

After the TCU Update is completed, check for Diagnostic Trouble Codes, and erase any DTCs.

**ECU ROM ID TABLE:**

| Model | Part Number | | ROM ID | |
|---|---|---|---|---|
| | Old | New | Old | New |
| Santa Fe (TMa) | 39101-2STN1 | 39101-2STN2 | TMDWN5TMD3XXXJ1A | TMDWN5TMD3XXXJ1B |
| | 39100-2STN1 | 39100-2STN2 | TMDWN5TSD3XXXJ1A | TMDWN5TSD3XXXJ1B |
| | 39101-2STN6 | 39101-2STN7 | TMDWN5TMD3TXXJ1A | TMDWN5TMD3TXXJ1B |
| | 39100-2STN6 | 39100-2STN7 | TMDWN5TSD3TXXJ1A | TMDWN5TSD3TXXJ1B |

**TCU ROM INFORMATION TABLE:**

| Model | Part Number | ROM ID | |
|---|---|---|---|
| | | Old | New |
| Santa Fe (TMa) | 954A1-2N250 | VTMPT25XXX720NS0 | VTMPT25XXX800NS4 |
| | | VTMPT25XXX720NS1 | |
| | | VTMPT25XXX730NS2 | |
| | | VTMPT25XXX800NS3 | |

**MANUAL UPDATE:** If the TCU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

| Model | System | | Menu | Password |
|---|---|---|---|---|
| Santa Fe (TMa) | Engine | #777 | TMa PE 2.5TGDI 8DCT 39101-2STN1 | 1210 |
| | | | TMa PE 2.5TGDI 8DCT 39100-2STN1 | 1200 |
| | | | TMa PE 2.5TGDI 8DCT 39101-2STN6 | 6210 |
| | | | TMa PE 2.5TGDI 8DCT 39100-2STN6 | 6200 |
| | A/T | #778 | TMa PE 2.5TGDI 8DCT 3954A1-2N250 | 0522 |