



**HYUNDAI** | NEW THINKING.  
NEW POSSIBILITIES.

## Technical Service Bulletin

GROUP	NUMBER
<b>CAMPAIGN</b>	<b>16-01-049</b>
DATE	MODEL(S)
<b>NOVEMBER 2016</b>	<b>SANTA FE SPORT (AN)</b>

**SUBJECT:**

TCU UPDATE – SHIFT QUALITY IMPROVEMENT  
(SERVICE CAMPAIGN TSS)



### ★ 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 Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

#### Description:

This bulletin provides information related to certain 2017 Santa Fe Sport vehicles to update the TCU for shift quality improvement.

**Applicable Vehicles:** Certain 2017 Santa Fe Sport (AN) with 2.0L/2.4L engines

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

Event #	Description
417*	AN PE TCU CONTROL LOGIC IMPROVEMENT

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

#### Warranty Information:

Model	Op Code	Operation	Op Time
Santa Fe (AN)	60CG42R0	TCU UPGRADE	0.3 M/H

**NOTE:** Submit claims on Campaign Claim Entry Screen

### NOTICE

**You must initially perform GDS TCU Update in Auto Mode.**

- If the TCU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.
- Refer to the General Instructions found in TSB: 15-GI-001 (GDS Mobile) and 15-GI-002 (PC GDS).

**TCU ROM ID Table:**

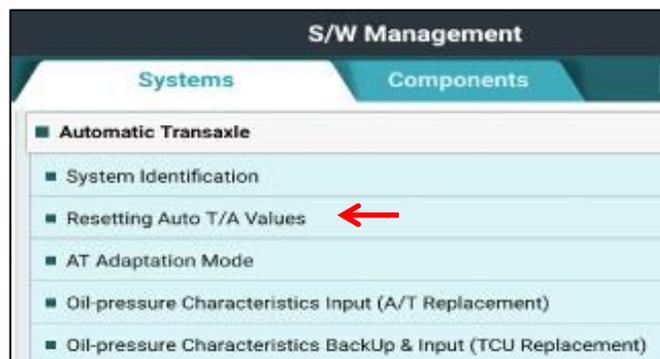
MODEL	ENGINE	TCM P/N	CAL ID	
			OLD	NEW
2017 Santa Fe	2.0L	39100-2GKS0	TAN2T20NS0	TAN2T20NS1
		39100-2GKS5	TAN4T20NS0	TAN4T20NS1
	2.4L	39100-2GKP0	TAN2G24NS0	TAN2G24NS1
		39100-2GKP5	TAN4G24NS0	TAN4G24NS1
		39100-2GKR0	TAN2G24NS0	TAN2G24NS1
		39100-2GKR5	TAN4G24NS0	TAN4G24NS1

**Manual Mode Password Information Table:**

Menu	Password
AN PE 2.4GDI 39100-2GKP0/R0	0020
AN PE 2.4GDI 39100-2GKP5/R5	0025
AN PE 2.0T-GDI 39100-2GKS0/T0	0021
AN PE 2.0T-GDI 39100-2GKS5/T5	0026
AN PE 2.0T-GDI 39100-2GKX0/Y0	0022
AN PE 2.0T-GDI 39100-2GKX5/Y5	0027

**Service Procedure:**

1. Check for Diagnostic Trouble Codes and erase any DTC.
2. Erase the DTC in the BlueLink system according to TSB 12-BE-005-2.
3. Reset the automatic transmission adaptive values using GDS, **S/W Management** menu and **Resetting Auto T/A Values**. Follow the prompts on the GDS.



4. Relearn the adaptive values using GDS, **S/W Management** menu and **AT Adaptation Mode**. Follow the prompts on the GDS.

