SUBJECT:	TCU UPDATE – SHIFT HESITATION AND SHOCK IMPROVEMENT (SERVICE CAMPAIGN TJJ)

GDS HYUNDAI Global Diagnostic System ECU Update

★ IMPORTANT

*** Dealer Stock and Retail Vehicles ***

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.

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 the TCU software update for certain 2017 Santa Fe vehicles that may experience a transmission hesitation or shift shock when accelerating at slow speeds.

Applicable Vehicles: Certain 2017 Santa Fe (NC) with 3.3L engine

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

Event #	Description
408*	NC 3.3 GDI SHIFT HESITATION AND SHOCK IMPROVEMENT

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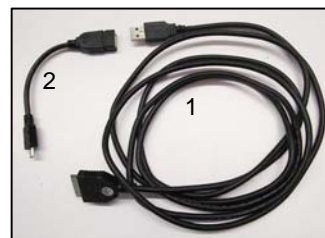
Warranty Information:

Model	Op Code	Operation	Op Time
Santa Fe (NC)	60C061R1	TCU UPGRADE	0.3 M/H

NOTE: Submit claims on Campaign Claim Entry Screen

NOTICE

Connect two USB cables between the VCI and GDS Tablet (provided with the GDS kit).
  1: #G1XDDCA002 – Cable, 30P to USB
  2. #G1XDDCA005 – Cable, USB OTG 5P

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).
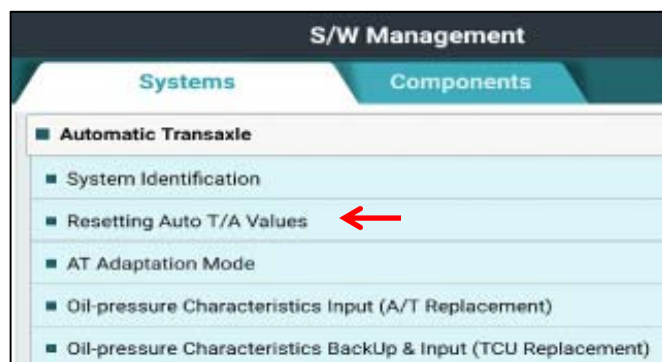
TCU ROM ID Table:

Model	TCM P/N	CAL ID	
		OLD	**NEW**
2017 Santa Fe (NC)	39110-3CDP0 39100-3CDP0	TNC0G33N******L0 TNC0G33N******L1 TNC0G33N******L2	TNC0G33N******L3

Manual Mode Password Information Table:

Menu	Password
NC 3.3GDI 39100/110-3CDP0	1030

Service Procedure:

1. Check for Diagnostic Trouble Codes in the **ABS/ESC** and **BCM** menus 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.