

 <b>HYUNDAI</b>   NEW THINKING. NEW POSSIBILITIES. <b>Technical Service Bulletin</b>	GROUP <b>CAMPAIGN</b>	NUMBER <b>16-01-056</b>
	DATE <b>NOVEMBER 2016</b>	MODEL(S) <b>VELOSTER (FS)</b>
<b>SUBJECT:</b>	VELOSTER (FS) TCM ONLY DCT CONTROL LOGIC UPDATE (SERVICE CAMPAIGN T1A)	

## **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 the procedure to update the TCM (Transmission Control Module) on some 2017 Hyundai Velosters equipped with a 7-speed EcoShift® Dual Clutch Transmission (DCT). The update will address:

- A slight hesitation at low speeds that can be experienced in certain driving conditions. This update improves the low speed engine and transmission response.

**Applicable Vehicles:** Certain 2017 Veloster (FS) with 1.6T engine 7-speed DCT Transmission

### GDS Information: System Selection: DCT

Event #	Description
422*	FS 1.6T 7DCT 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
Veloster (FS)	60C099R1	TCM UPDATE	0.3 M/H

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

**NOTICE**

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

- If the TCM 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).

**TCM ROM ID Table:**

Model	TCM P/N	CAL ID	
		OLD	NEW
Veloster (FS) 1.6T-GDI DCT	95440-2D400	DFS0T16NS0	DFS0T16NSB
		DFS0T16NS1	
		DFS0T16NS2	
		DFS0T16NS3	
		DFS0T16NS4	
		DFS0T16NS5	
		DFS0T16NS6	
		DFS0T16NS7	
		DFS0T16NS8	
		DFS0T16NS9	
		DFS0T16NSA	

**TCM Manual Mode Password Information Table:**

Menu	Password
FS 1.6T-GDI TCM (DCT) 95440-2D400	2400

**Service Procedure:**

1. Perform service procedure outlined in this TSB.
2. Check for Diagnostic Trouble Codes in the **ALL** menus and erase any DTC.
3. Erase the DTC in the BlueLink system according to TSB 12-BE-005-2.
4. Confirm normal vehicle operation.