

# SB-10058400-1903

<b style="font-size: 1.2em;">HYUNDAI</b>   NEW THINKING. NEW POSSIBILITIES.  <b style="font-size: 1.1em;">Technical Service Bulletin</b>	GROUP <b>CAMPAIGN</b>	NUMBER <b>15-01-029</b>
	DATE <b>JUNE 2015</b>	MODEL(S) <b>ACCENT (RB) VELOSTER (FS)</b>
<b>SUBJECT:</b> ECM UPDATE – 2014MY ACCENT/VELOSTER DTC P0441/P0326 (SERVICE CAMPAIGN TX7)		

## **ECU Update**

### ★ IMPORTANT

\*\*\* 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 ECM (Engine Control Module) software update on certain 2014MY ACCENT (RB) and VELOSTER(FS) 1.6L GDI vehicles control logic for:

- PCSV control for DTC P0441 - Canister Purge Valve (CPV) - Incorrect CPV Flow
- DTC P0326 - Knock Sensor 1 Circuit Range/Performance (Bank 1).
- Spark knock noise on heavy acceleration at warm ambient temperature.

**Applicable Vehicle:** Certain 2014MY Accent (RB) and Veloster (FS) with 1.6L GDI engines

#### **GDS Information:**

System Selection: **ENGINE (ECM)**

Event #	Description
365*	RB 1.6GDI PSCV CONTROL LOGIC IMPROVEMENT
366*	FS 1.6GDI PSCV CONTROL LOGIC IMPROVEMENT

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

#### **NOTE:**

- Refer to TSB **15-GI-001** for the tablet-based Mobile GDS ECU update procedures.
- Refer to TSB **15-GI-002** for the PC-based GDS ECU update procedures.

### ★ IMPORTANT

**(DCT) Dual Clutch Transmission Vehicles - Reset operation after ECU Update:**

- After the ECU Update there is a prompt to turn OFF the ignition **30** seconds before engine start. This is required to reset the DCT. If not done, the DCT will be inoperative.

#### **Warranty Information:**

Op. Code	Operation	Op. Time
50C032R0	ECM UPGRADE	0.3

**NOTE:** Submit claim using the Campaign Claim Entry Screen.

Circulate To: Service Manager, Warranty Manager, Service Advisors, Technicians, Fleet Repair

**★ NOTICE**

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

- If the ECU 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).

**ROM ID Information Table:**

Event #365

Model	MY	TM	IMMO	ECU P/N	OLD	NEW
					ROM ID	ROM ID
RB	14	MT	No- Key start	39110- 2BAE2	GGRB-ENU6ES01600 GGRB-ENU6ES02600	GGRB-ENU6EF02600
		AT	No- Key start	39110- 2BAS9	GGRB-ENU6PS01C00 GGRB-ENU6PS02C00	GGRB-ENU6PF02C00

Event #366

Model	MY	TM	IMMO	ECU P/N	OLD	NEW
					ROM ID	ROM ID
FS	14	DCT	No- Key Start	39110- 2BBR3	GGFS-EFU6ES00H00 GGFS-EFU6ES01H00	GGFS-EFU6EF01H00
			Yes-SSB	39110- 2BBR0	GGFS-EFU6FS00H00 GGFS-EFU6FS01H00	GGFS-EFU6FF01H00
		MT	No- Key Start	39110- 2BBR9	GGFS-EFU6ES01600	GGFS-EFU6EF01600
			Yes-SSB	39110- 2BBR6	GGFS-EFU6FS01600	GGFS-EFU6FF01600

**Manual Mode Password Information Table:**

Event #365 RB

MENU	PASSWORD
RB 1.6GDI MT NON IMMO 39110-2BAE2	<b>1022</b>
RB 1.6GDI AT NON IMMO 39110-2BAS9	<b>1029</b>

Event #366 FS

MENU	PASSWORD
FS 1.6GDI MT NON IMMO 39110-2BBR9	<b>1029</b>
FS 1.6GDI MT IMMO 39110-2BBR6	<b>1026</b>
FS 1.6GDI DCT NON IMMO 39110-2BBR3	<b>1023</b>
FS 1.6GDI DCT IMMO 39110-2BBR0	<b>1020</b>

**NOTE:** IMMO = Start Stop Button, NON IMMO = Key Start