 HYUNDAI NEW THINKING. NEW POSSIBILITIES. Technical Service Bulletin	GROUP FUEL SYSTEM	NUMBER 17-FL-001
	DATE FEBRUARY 2017	MODEL(S) VELOSTER, ACCENT
SUBJECT: PURGE CONTROL SOLENOID VALVE (PCSV) MIL "ON" DTC P0441 ECM UPDATE		

  **ECU Update**

Description:

This bulletin provides information related to ECM (Engine Control Module) software update for diagnostic trouble code (DTC) P0441 - Canister Purge Valve (CPV) - Incorrect CPV Flow. There is no vehicle performance concern associated with this condition.

Applicable Vehicle: Certain 2012-2017MY Veloster(FS) and Accent(RB) with 1.6L GDI engines

GDS Information:

System Selection: ENGINE (ECM)	
Event #	Description
428*	FS 1.6GDI PCSV MIL LAMP ON(P0441) IMPROVEMENT
429*	RB 1.6GDI PCSV MIL LAMP ON(P0441) 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	Causal Part	Nature Code	Causal Part
Veloster (FS) Accent (RB)	39110FC4	ECM UPDATE	0.3 M/H	Use applicable ECM P/N from ROM ID table	I3T	ZZ3

NOTICE

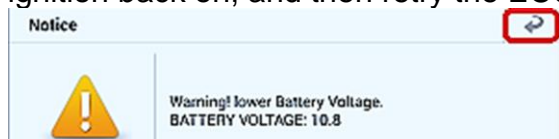
You must initially perform GDS ECU Update in Auto Mode.

- If the ECU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

WARNING

GDS Vehicle Battery Voltage Warning:

If voltage is below 12 volts as per the below GDS warning, then select **Back** and run the engine at least 20 minutes to ensure an adequate battery state of charge for reliable update results. Turn ignition back on, and then retry the ECU update again.



Service Procedure:

1. Perform GDS software update:
 - 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.
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.

ROM ID Information Table:

Veloster (FS): (NOTE: IMMO (YES) = Start Stop Button, IMMO (NO) = Key Start)

MY	TM	IMMO.	ECU P/No.	ROM ID	
				OLD	NEW
2012-2014 MY	DCT	NO	39110-2BBH3 39110-2BBC7 39110-2BBR3	GGFS-BFU6ES00H00 GGFS-BFU6ES01H00 GGFS-BFU6ES02H00 GGFS-BFU6ES03H00 GGFS-BFU6ES04H00 GGFS-BFU6ES05H00 GGFS-BFU6ES06H00 GGFS-BFU6EF00H00 GGFS-DFU6ES00H00 GGFS-DFU6ES01H00 GGFS-DFU6ES02H00 GGFS-DFU6ES03H00 GGFS-DFU6ES04H00 GGFS-DFU6ES05H00 GGFS-EFU6ES00H00 GGFS-EFU6ES01H00 GGFS-EFU6EF01H00 GGFS-EFU6EF02H00	GGFS-EFU6EF03H00
		YES	39110-2BBH0 39110-2BBB7 39110-2BBR0	GGFS-BFU6FS00H00 GGFS-BFU6FS01H00 GGFS-BFU6FS02H00 GGFS-BFU6FS03H00 GGFS-BFU6FS04H00 GGFS-BFU6FS05H00 GGFS-BFU6FS06H00 GGFS-BFU6FF00H00 GGFS-DFU6FS00H00 GGFS-DFU6FS01H00 GGFS-DFU6FS02H00 GGFS-DFU6FS03H00 GGFS-DFU6FS04H00 GGFS-DFU6FS05H00 GGFS-EFU6FS00H00 GGFS-EFU6FS01H00 GGFS-EFU6FF01H00 GGFS-EFU6FF02H00	GGFS-EFU6FF03H00

	MT	NO	39110-2BBF3 39110-2BBN9 39110-2BBR9	GGFS-BFU6ES00600 GGFS-BFU6ES01600 GGFS-BFU6ES02600 GGFS-BFU6ES03600 GGFS-BFU6ES04600 GGFS-BFU6ES05600 GGFS-DFU6ES00600 GGFS-DFU6ES01600 GGFS-DFU6ES02600 GGFS-DFU6ES03600 GGFS-EFU6ES01600 GGFS-EFU6EF01600 GGFS-EFU6EF02600	GGFS-EFU6EF03600
		YES	39110-2BBF0 39110-2BBN6 39110-2BBR6	GGFS-BFU6FS00600 GGFS-BFU6FS01600 GGFS-BFU6FS02600 GGFS-BFU6FS03600 GGFS-BFU6FS04600 GGFS-BFU6FS05600 GGFS-DFU6FS00600 GGFS-DFU6FS01600 GGFS-DFU6FS02600 GGFS-DFU6FS03600 GGFS-EFU6FS01600 GGFS-EFU6FF01600 GGFS-EFU6FF02600	GGFS-EFU6FF03600
2015 MY	DCT	NO	39110-2BBR4	GGFS-FFU6ES00H00 GGFS-FFU6ES01H00 GGFS-FFU6EF01H00	GGFS-FFU6EF02H00
		YES	39110-2BBR1	GGFS-FFU6FS00H00 GGFS-FFU6FS01H00 GGFS-FFU6FF01H00	GGFS-FFU6FF02H00
	MT	NO	39110-2BBR8	GGFS-FFU6ES00600 GGFS-FFU6ES01600 GGFS-FFU6ES02600 GGFS-FFU6EF02600	GGFS-FFU6EF03600
		YES	39110-2BBR5	GGFS-FFU6FS00600 GGFS-FFU6FS01600 GGFS-FFU6FS02600 GGFS-FFU6FF02600	GGFS-FFU6FF03600
2016- 2017 MY	DCT	NO	39125-2BFK5	GGFS-GFU6ES00H00 GGFS-GFU6ES01H00	GGFS-GFU6ES02H00
		YES	39125-2BFK0	GGFS-GFU6FS00H00 GGFS-GFU6FS01H00	GGFS-GFU6FS02H00
	MT	NO	39121-2BFK5	GGFS-GFU6ES00600 GGFS-GFU6ES01600	GGFS-GFU6ES02600
		YES	39121-2BFK0	GGFS-GFU6FS00600 GGFS-GFU6FS01600	GGFS-GFU6FS02600

Accent (RB): (NOTE: IMMO (YES) = Start Stop Button, IMMO (NO) = Key Start)

MY	TM	IMMO.	ECU P/No.	ROM ID	
				OLD	NEW
2012-2014 MY	MT	NO	39110-2BAD0 39110-2BAE1 39110-2BAE2	GGRB-ANU6ES00600 GGRB-ANU6ES01600 GGRB-ANU6ES02600 GGRB-ANU6ES03600 GGRB-ANU6ES04600 GGRB-ANU6ES0060A GGRB-ANU6ES016A0 GGRB-ANU6ES026A0 GGRB-DNU6ES00600 GGRB-DNU6ES01600 GGRB-DNU6ES02600 GGRB-DNU6ES03600 GGRB-DNU6ES04600 GGRB-DNU6ES05600 GGRB-ENU6ES01600 GGRB-ENU6ES02600 GGRB-ENU6EF02600 GGRB-ENU6EF03600	GGRB-ENU6EF04600
	AT	NO	39110-2BAD5 39110-2BAD7 39110-2BAS1 39110-2BAS9	GGRB-ANU6PS00C00 GGRB-ANU6PS01C00 GGRB-ANU6PS02C00 GGRB-ANU6PS03C00 GGRB-ANU6PS04C00 GGRB-ANU6PS00C0A GGRB-ANU6PS01CA0 GGRB-ANU6PS02CA0 GGRB-DNU6PS02C00 GGRB-DNU6PS00C00 GGRB-DNU6PS01C00 GGRB-DNU6PS02C00 GGRB-DNU6PS03C00 GGRB-DNU6PS04C00 GGRB-DNU6PS05C00 GGRB-ENU6PS01C00 GGRB-ENU6PS02C00 GGRB-ENU6PF02C00 GGRB-ENU6PF03C00	GGRB-ENU6PF04C00
2015 MY	MT	NO	39110-2BRB0	GGRB-FNU6ES00600 GGRB-FNU6ES01600 GGRB-FNU6ES02600 GGRB-FNU6EF02600	GGRB-FNU6EF03600
	AT	NO	39110-2BRB5 39110-2BRB7 39110-2BRG5	GGRB-FNU6PS00C00 GGRB-FNU6PS01C00 GGRB-FNU6PS02C00 GGRB-FNU6PF02C00	GGRB-FNU6PF03C00
2016 MY	MT	NO	39110-2BRG2 391B1-2BRG2	GGRB-GNU6ES00600 GGRB-GNU6ES01600 GGRB-GNU6ES02600	GGRB-GNU6ES02600
	AT	NO	39110-2BRG7 391B1-2BRG7	GGRB-GNU6PS00C00 GGRB-GNU6PS01C00	GGRB-GNU6PS02C00

Manual Mode Password Information Table:

Veloster(FS): NOTE: +IMMO = Start Stop Button, -IMMO = Key Start

MENU	PASSWORD
FS 1.6GDI DCT -IMMO 39110-2BBH3/C7/R3	1023
FS 1.6GDI MT -IMMO 39110-2BBF3/N9/R9	1029
FS 1.6GDI DCT -IMMO 39110-2BBR4	1024
FS 1.6GDI MT -IMMO 39110-2BBR8	1028
FS 1.6GDI DCT -IMMO 39125-2BFK5	2525
FS 1.6GDI MT -IMMO 39121-2BFK5	2125
FS 1.6GDI DCT +IMMO 39110-2BBH0/B7/R0	1020
FS 1.6GDI MT +IMMO 39110-2BBF0/N6/R6	1026
FS 1.6GDI DCT +IMMO 39110-2BBR1	1021
FS 1.6GDI MT +IMMO 39110-2BBR5	1025
FS 1.6GDI DCT +IMMO 39125-2BFK0	2520
FS 1.6GDI MT +IMMO 39121-2BFK0	2120

Accent(RB): NOTE: -IMMO = Key Start

MENU	PASSWORD
RB 1.6GDI MT -IMMO 39110-2BAD0/E1/E2	1022
RB 1.6GDI AT -IMMO 39110-2BAD5/D7/S1/S9	1029
RB 1.6GDI MT -IMMO 39110-2BRB0/G0	1020
RB 1.6GDI AT -IMMO 39110-2BRB5/B7/G5	1025
RB 1.6GDI MT -IMMO 39110/B1-2BRG2	1122
RB 1.6GDI AT -IMMO 39110/B1-2BRG7	1127