



## Technical Service Bulletin

<b>GROUP</b> <b>CAMPAIGN</b>	<b>NUMBER</b> <b>18-01-006-G</b>
<b>DATE</b> <b>DECEMBER, 2018</b>	<b>MODEL(S)</b> <b>G80 (DH) G90(HI)</b>

**SUBJECT:** G80/G90 5.0L ECM UPDATE - (SERVICE CAMPAIGN T07G)

### \* IMPORTANT

#### \*\*\* DEALER STOCK 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 an ECM (Engine Control Module) software update for OBD (On Board Diagnostics) logic improvement. The Fuel System Readiness settings logic has been updated.

**Applicable Vehicle:** 2019MYG80 (DH) and G90 (HI) vehicles with 5.0L Engine.

#### GDS Information:

System Selection: **ECM**

Event #	Description
<b>502</b>	DH PE 5.0GDI - OBD DIAGNOSIS LOGIC IMPROVEMENT
<b>503</b>	HI 5.0GDI - OBD DIAGNOSIS LOGIC IMPROVEMENT

#### Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part	Nature Code	Causal Code
G80 (DH) G90 (HI)	80C084R1	ECM UPGRADE	0.3 M/H	39110-3FBP6	I14	ZZ3

### NOTICE

**You must initially perform the 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 operate the vehicle in Ready mode for 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 detailed tablet-based Mobile GDS ECU update procedures.
  - Refer to TSB **15-GI-002** for the detailed 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 “Connected Services” system according to TSB 12-BE-005-2.
4. Confirm normal vehicle operation.

**ROM ID Information Table:**

VEHICLE	ENGINE	TM	EM	ECU P/No.	CAL ID	
					OLD	NEW
DH	5.0GDI	8AT	ULEV	39110-3FBP6	GDP-KN0GFS0-F400	GDP-KN0GFS1-F400
				39110-3FBN6	GDP-KN0GFS0-F200	GDP-KN0GFS1-F200
HI	5.0GDI	8AT	ULEV	39110-3FHN2	GHI-KN0GFS0-E200	GHI-KN0GFS3-E200
					GHI-KN0GFS1-E200	
					GHI-KN0GFS2-E200	

**Manual Mode Password:**

MENU	PASSWORD
DH PE 5.0GDI 39110-3FBP6	1036
DH PE 5.0GDI 39110-3FBN6	1037

  

MENU	PASSWORD
HI 5.0GDI 39110-3FHN2	1032