



Technical Service Bulletin

GROUP**FUEL SYSTEM****NUMBER****18-FL-001-G****DATE****NOVEMBER, 2018****MODEL(S)****G90(HI)****SUBJECT:** G90 5.0L ECM UPDATE FOR STARTING PERFORMANCE IMPROVEMENT**Description:**

This bulletin provides information related to an ECM (Engine Control Module) software update to improve starting performance. Perform this update if a vehicle is in for service for an intermittent no start concern.

Applicable Vehicle: 2017-2018MYG90 (HI) vehicles.**GDS Information:**System Selection: **ECM**

Event #	Description
501*	HI 5.0GDI - STARTING PERFORMANCE 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 Code
G90 (HI)	39110FD6	ECM UPGRADE	0.3 M/H	39110-3FHN1	E22	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 BlueLink system according to TSB 12-BE-005-2.
4. Confirm normal vehicle operation.

ROM ID Information Table:

VEHICLE	ENGINE	TM	ECU P/No.	CAL ID	
				OLD	NEW
HI	5.0GDI	8AT	39110-3FHN1	GHI-JN0GFS0-E200	GHI-JN0GFF3-E200
				GHI-JN0GFS1-E200	
				GHI-JN0GFS2-E200	
				GHI-JN0GFS3-E200	
			39110-3FHN0	GHI-HN0GFS0-E200	GHI-HN0GFF4-E200
				GHI-HN0GFS1-E200	
				GHI-HN0GFS2-E200	
				GHI-HN0GFS3-E200	
				GHI-HN0GFF3-E200	

Manual Mode Password:

MENU	PASSWORD
HI 5.0GDI 39110-3FHN1	1031
HI 5.0GDI 39110-3FHN0	1030