

 Technical Service Bulletin	GROUP Campaign	NUMBER 21-01-020G
	DATE March, 2021	MODEL(S) G80 (DH), G90 (HI)
SUBJECT: G80/G90 5.0L OBD LOGIC ECM UPDATE (SERVICE CAMPAIGN T15G)		

★ IMPORTANT

*** Retail Vehicles ***

Dealers must perform this Service Campaign on all affected vehicles whenever an affected vehicle is in the shop for any maintenance or repair.

When a vehicle arrives at the Service Department, access Genesis Motor America's "Vehicle Information Screen (VIS)" via WEBDCS to identify open Campaigns.

Description: This bulletin provides information related to the ECM(Engine Control Module) software update for G80/G90 with 5.0L GDI engine equipped vehicles. This updates the software logic dealing with OBD communication test.

Applicable Vehicles:

- Certain 2019 Genesis G80(DH) and G90(HI) with 5.0L GDI engines

GDS Information:

System Selection: **Engine (ECM)**

Event #	Description
641*	HI 5.0GDI - OBD DIAGNOSIS LOGIC IMPROVEMENT
642*	DH PE 5.0GDI - OBD DIAGNOSIS LOGIC IMPROVEMENT

*or any later updated event that comes up.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
G90(HI)	GENOBDR0	ECM UPGRADE	0.3 M/H	39110-3FHN2	I14	ZZ3
G80(DH)	GENOBDR1	ECM UPGRADE	0.3 M/H	39110-3FBN6	I14	ZZ3

Note 1: Submit claim on Campaign Claim Entry Screen

Note 2: If a part is found in need of replacement while performing this repair for this Service Campaign and the affected part is still under warranty, please submit a separate claim using the same Repair Order. If the affected part is out of warranty, submit a prior approval request for goodwill consideration prior to performing the work.

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

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-M Vehicle Battery Low Voltage Warning:**

If voltage is below 12 volts as per the below GDS warning, then select **Back** and run the vehicle 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 the GDS software update.
(Refer to TSB **15-GI-001** for the detailed tablet-based Mobile GDS ECU update procedures)
2. Check for Diagnostic Trouble Codes in the **ALL systems** menus and erase any DTC.
3. Confirm normal vehicle operation.

SUBJECT:G80/G90 5.0L OBD LOGIC ECM UPDATE
(SERVICE CAMPAIGN T15G)**ROM ID Table:**

VEHICLE	ENGINE	ECM P/N	ROM ID	
			OLD	NEW
HI	5.0GDI	39110-3FHN2	GHI-KN0GFS0-E200	GHI-KN0GFS4-E200
			GHI-KN0GFS1-E200	
			GHI-KN0GFS2-E200	
			GHI-KN0GFS3-E200	
DH	5.0GDI	39110-3FBN1	GDP-KN0GFS0-E200	GHI-KN0GFS4-E200
		39110-3FBN6	GDP-KN0GFS0-F200	GHI-KN0GFS4-E200
		39110-3FBP1	GDP-KN0GFS0-E400	GHI-KN0GFS4-E200
		39110-3FBP6	GDP-KN0GFS0-F400	GHI-KN0GFS4-E200

Manual Mode Password:**Event #641 - HI**

MENU	PASSWORD
HI 5.0GDI 39110-3FHN2	4200

Event #642 - DH PE

MENU	PASSWORD
DH PE 5.0GDI 39110-3FBN1	3120
DH PE 5.0GDI 39110-3FBN6	3620
DH PE 5.0GDI 39110-3FBP1	3140
DH PE 5.0GDI 39110-3FBP6	3640