

 <b>HYUNDAI</b>   NEW THINKING. NEW POSSIBILITIES.  <b>Technical Service Bulletin</b>	GROUP <b>CAMPAIGN</b>	NUMBER <b>15-01-039</b>
	DATE <b>OCTOBER 2015</b>	MODEL(S) <b>GENESIS (DH)</b>
<b>SUBJECT:</b> ECM UPDATE – REAR LAMBDA O2 SENSOR DIAGNOSIS (SERVICE CAMPAIGN TY4)		

  **ECU Update**

**★ IMPORTANT**

**\*\*\* Dealer Stock and 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 the procedure to update the ECM (Engine Control Module) software on certain Genesis (DH) vehicles with the 5.0L GDI engine. This software updates the rear lambda O2 sensor diagnostic logic to correspond with CARB In-Use Monitor Performance Report (IUMPR) specifications.

**Note:** There are no vehicle performance issues associated with this condition.

**Applicable Vehicle:** Certain 2015MY Genesis (DH) with 5.0L GDI engines

**GDS Information:**

System Selection: **ENGINE (ECM)**

Event #	Description
<b>379*</b>	DH 5.0 REAR LAMBDA SENSOR DIAGNOSIS 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.

**Warranty Information:**

Op. Code	Operation	Op. Time
50C070R0	ECM UPGRADE	0.3

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

**\* 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:**

Model	ENGINE	MY	ECU P/N	ROM ID	
				OLD	NEW
DH	5.0GDI	15MY	39110-3FDN0	GDH-FN0GFS0-E200	GDH-FN0GFS1-E200

**Manual Mode Password Information Table:**

MENU	PASSWORD
DH 5.0 8AT IMMO 39110-3FDN0	1030