			GROUP	NUMBER
(B) HV	Innai	DAI NEW THINKING. NEW POSSIBILITIES.	CAMPAIGN	14-01-027
			DATE	MODEL(S)
Technical Service Bulletin		JULY 2014	GENESIS SEDAN (DH)	
SUBJECT: ASSISTED DOOR MODULE (ADM) SOFTWARE UPDATE (SERVICE CAMPAIGN TT6)				
	NT			
	*** De	aler Stock and Re	tail 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 ADM module on certain Genesis Sedan Vehicles. When using the Blue Link remote start application, the passenger mirror puddle lamp does not turn on.



Applicable Vehicles: Certain 2015 Genesis Sedans (DH)

ROM ID INFORMATION TABLE

Model	System		ROM ID		
	Oystem		Previous	New	
2015 GENESIS SEDAN (DH) 3.8L & 5.0L	ADM (Assisted Door Module)	93575-B1000-4X	93575B1000_101	93575B1000_102	

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

Warranty Information:

OP CODE	OPERATION	OP TIME
40C030R0	ASSISTED DOOR MODULE (ADM) UPDATE	0.3 M/H

NOTE: Submit Claim on Campaign Claim Entry Screen.

GENERAL PRECAUTIONS:

NOTICE

Make sure the battery icon at the bottom right of the GDS laptop shows at least 50%. If not, charge the GDS or attach a battery charger.

- Make sure the GDS is updated to the latest version using internet smart update.
- Make sure the vehicle's battery has reasonable charge. If the vehicle has been in storage, run the engine to ensure an adequate battery charge for reliable results.
- Turn off all lights (do not leave the headlight switch in auto mode) and all accessories (including heater/air conditioner/fan for both front and rear(if equipped), audio, heated seats, rear defroster, etc.) to ensure the battery will not be discharged during the procedure.
- Perform the procedure with the ignition key in the ON position. (Turn ignition key to the ON position or press the Start-Stop button 2 times without depressing the brake pedal).
- Do not disconnect any cables connected to the vehicle or the GDS during the procedure.
- Do not start the engine or turn the ignition switch OFF during the procedure.

SERVICE PROCEDURE:

- 1. Connect the USB cable between the GDS and the VCI.
- 2. Connect the 16-pin DLC connector from the VCI into the DLC located under the driver's side dash (within the fuse box).
- 3. Press the power button on the VCI to turn it ON.
- 4. Turn the ignition key to the **ON** position, or press the Start-Stop button 2 times without depressing the brake pedal.



GDS AUTO MODE ADM UPDATE PROCEDURE

1. From the GDS home page, select **ECU UPGRADE**. After selecting **ECU UPGRADE**, if the GDS does not automatically detect the VIN, manually enter the VIN number.



2. Select ADM as the system and then select OK.



3. Select AUTO MODE and then NEXT.



4. Select ADM and then select OK.



SUBJECT:

ASSISTED DOOR MODULE (ADM) SOFTWARE UPDATE

5. The GDS will read the ROM ID. Confirm the ROM ID is applicable as shown on Page 1, "ROM ID Information Table". Select **UPGRADE.**

	VCI : WLAN ON VMI : Off Internet : Off	- ×
GD	Preparation Diagnosis Vehicle SW Management Repair	
Vehicle 🕨 GENESIS(D	DH)/2015/G 3.8 GDI System 💓 Assist Door Module/Assist Door Module	國
Vehicle S/W Management	ECU Upgrade	
ECU Upgrade 🌗	Event Group Event List TSB	
Mode Auto Mode	Current ROM ID [93575B1000_101 [93575B1000_102 [93575B100 [93575B1000_102 [93575B	
• System ADM	Message Not Found Previous Upgrade	
	 Event selection Review and understand related TSB for vehicle reprogramming. Select reprogramming event from Upgrade Event pull down menu above. Click the Upgrade button to begin ECU upgrade. 	1
ID Register		
Option Treatment		
Data Treatment		
Inspection / Test		NI I
ECU Mapping Verification		
Manual TSB	Case Analysis DTC Current Data Actuation Test Flight Record E-Report Update ECU Upgrade Searching	

6. If the screen indicates "Voltage is OK" (voltage 12 volts or greater), select OK. If not, select CANCEL and charge the vehicle battery by running the engine for 10 minutes.



7. Update will begin and the progress of the update will appear on the bar graph. It will take approximately 5 minutes until the progress bar reaches 100%.

	VCI :	USB On 🛛 🔮 VMI : C	off 🛛 🗧 Internet : Off 🎾		<u> </u>
GD	Preparation	Diagnosis	Vehicle S/W Manage	ment Repair	0
Vehicle CENESIS(D	0H)/2015/G 3.8 GDI	Sy	stam 🕨 Assist Door M	1odule/Assist Door Modul	e 🚺 🖼
Vehicle S/W Management	ECU Upgrade				
ECU Upgrade	Event Group Current ROM ID Latest ROM ID	Event List 93575B1000 93575B1000	0_101 0_102		TSB
 System ADM Event Group Message Not Found 	Server GE		<	37%	
ID Register Option Treatment Data Treatment Inspection / Test ECU Mapping Verification #	CAUTION -During the ECU Upgra- Failure to follow these 1. DO NOT operate any of 2. DO NOT operate any of 3. DO NOT turn of the W 4. DO NOT start the vehic 5. DO NOT operate any of	ide, observe the fol precautions may re- onnect the DLC(Data 1 or DO NOT discome cle or turn the IG key o f the vehicles other sy	lowing precautions, suit in ECU damage, Link Connector), set VCI USB Connector, ff, stems(climate control, lig	ahting, audio, etc.),	전 전
Setup Manual TSB	Case Analysis DTC Cur	rent Data Actuation Test F	light Record E-Report	Internet Update ECU Upgrade Fa	ult Code earching

 When the update is complete, wait for a pop up screen shown below. Turn the ignition OFF for 10 seconds, and then turn it back ON (Press the Start-Stop button 2 times without depressing the brake pedal). Select OK.



9. Wait for a pop up screen indicating the update was successful. Select OK.



10. Check if any incidental **Diagnostic Codes (DTC)** have been created by the update, and then clear all the DTC (s). Select **OK**.



11. Clear any DTCs in the Blue Link system per instructions of TSB 12-BE-005-2.

GDS MANUAL MODE ADM UPDATE PROCEDURE

NOTICE

- The manual update should be performed only when the automatic update fails.
- If automatic update fails, turn the ignition key OFF for about 10 seconds, turn it back ON and then perform the manual update.
- 1. From the GDS home page, select **ECU UPGRADE**. After selecting **ECU UPGRADE**, if the GDS does not automatically detect the VIN, manually enter the VIN number.

631	🐠 VCI : USB On 🛛 🖷	VMI ; Off 🔹 Internet ; Off	
		System >	Contiguration Search
Preparation	Diagnosis	Vehicle S/W Management	Repair
Vehicle Info ¹⁰	Basic Inspection	ECU Upgrade	Parts Catalog
Hot Fix	DTC Analysis	D ID Register	# Replacement
+By DTC	Data Analysis	Doption Treatment	Component Info
+By Symptom	Flight Record	Data Treatment	Circuit Diagram
+By Model	G Oscilloscope	III Inspection / Test	
•Campaign	CARE OBD-II	ECU Mapping Verification	
60100 Innaservice.com			Martin March
Marmal TSB	Case Analysis DTC Current Data	Actuation Flight Record DVOM 012	altonange Simulation Internet Update

2. Select ADM as the system and then select OK.

GDS VIN Search KMHGN4JE4EU0003	550 Searc	h Auto VIN	Clear Previous Vehicle
GEN	IESIS(DH)	2015	G 3.8 GDI
System	MAA		
	Select System	Select All	Selected System Clear All
PSB TPMS	LKAS BSD AHLS	PGS	Assist Door Module
	SMK CGW BCM		
ADM SJB		DSS	
SLB PTM	MFSW SCM SWRC	HSWS -	
G	iroup		Symptom
Fault C	ode Searching	ок	Cancel

3. Select MANUAL MODE and then NEXT.



4. Select ADM and then NEXT.

	VCI : USB ON S VMI : Off S Internet : Off
GD	Preparation Diagnosis Vehicle SW Management Repair Q
Venicle 💽 GENESIS(DH)/2015/G 3.8 GDI System 🕥 Engine/Engine Control 🔯 🔁
Vehicle S/W Management	ECU Upgrade
ECU Upgrade 🌗	System Event List
• Mode Manual Mode	Previous Next C CAUTION 1. DO NOT start the engine and DO NOT turn the ignition key to the OFF position during the ECU upgrade.
ID Register	 Ensure that the battery is fully charged BEFORE beginning ECU upgrade. Confirm the target vehicle/system BEFORE performing an manua/error mode ECU upgrade. Review the applicable TSB/procedure before performing an ECU upgrade. Make certain that the proper connector mentioned in the related TSB is used Ensure that any applicable components are replaced BEFORE performing the ECU upgrade. Confirm the new ROM ID after performing an ECU upgrade. Do tremove the USB cable during upgrading the ECU upgrade.
Option Treatment	
Data Treatment	
Inspection / Test	
ECU Mapping Verification	<u>N</u>
Setup Manual TSB	Case Analysis DTC CurrentData Actuation Test Flight Record E-Report Inference Update Searching Searching

5. Select the update event "322 DH 3.8/5.0 ADM PUDDLE LAMP LOGIC IMPROVEMENT" and then select NEXT.



6. Select "322 DH 3.8/5.0 ADM PUDDLE LAMP LOGIC IMPROVEMENT" on the screen, and then select UPGRADE. A pop up screen will request for a Password. Enter 1000 and then select OK.

Information	
Password .	
ОК	Cancel

7. If the screen indicates "Voltage is OK" (voltage 12volts or greater), select OK. If not, select CANCEL and charge the vehicle battery by running the engine for 10 minutes.



8. Update will begin and the progress of the update will appear on the bar graph. It will take approximately 5 minutes until the progress bar reaches 100%.



ASSISTED DOOR MODULE (ADM) SOFTWARE UPDATE

 When the update is complete, wait for a pop up screen shown below. Turn the ignition OFF for 10 seconds, and then turn it back ON (Press the Start-Stop button 2 times without depressing the brake pedal). Select OK.



10. Wait for a pop up screen indicating the update was successful. Select OK.



ASSISTED DOOR MODULE (ADM) SOFTWARE UPDATE

11. Check if any incidental Diagnostic Codes (DTC) have been created by the update, and then clear all the DTC (s). Select **OK**.



12. Clear any DTCs in the Blue Link system per instructions of TSB 12-BE-005-2.