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 CP-0028L-0511	Technical Service Bulletin	<b>Chassis - Powertrain</b>
	Subject: <b>P0A7F-123 Hybrid Battery Pack Deterioration</b> Models: GS450H Model codes: GWS191	

## **INTRODUCTION**

This Technical Service Bulletin is to inform you of the production change and repair method for the subject concern. Applicable to vehicles produced before the production change effective VIN's / frame numbers shown below.

## **DESCRIPTION OF PHENOMENON**

Some customers may complain about MIL "ON" condition with the Diagnostic Trouble Code P0A7F (Hybrid Battery Pack Deterioration) stored.

## **PRODUCTION CHANGE**

HV ECU software is changed to prevent the HV Battery from over heating.

## **PRODUCTION CHANGE INFORMATION**

Model code	Plant	Frame number	Implementation date
GS450h	GWS191	5022870	July 2010

## **PARTS INFORMATION**

Previous part number	Current part number	Part name	Quantity
G9510-30010	G9510-30011	Battery Assy, HV Supply	1
G9510-30011			
G9510-30030	G9510-30030		

**REPAIR PROCEDURE**

1. Replace the Battery Assy HV Supply according repair manual.
2. Reprogram the Computer, Hybrid Vehicle Control (HV ECU).

Model Year	Frame Number	Previous Calibration ID	Minimum Calibration ID
07MY	GWS191 – 5000001 ~	899833003000	899833021100
		899833003100	
		899833003200	
		899833003300	
		899833021000	
08MY	GWS191 – 5012273 ~	899833008000	899833008300
		899833008100	
		899833008200	
09MY	GWS191 – 5017621 ~	899833014000	899833014100
10MY	GWS191 – 5020426 ~	899833025000	899833025100

**Note:** Refer to TSB: EG6003R for the ECU reprogramming procedure.

3. Adjust the sensitivity of the air intake control in automatic mode, 2 steps lower than Medium (please refer to below).

**Note:** To access this menu, please press and hold the outside Air / Recirculated Mode button on the HVAC unit until the smog sensor screen appears.

