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	Technical Service Bulletin	
	Subject: P0A7F-123 Hybrid Battery Pack Deterioration	Chassis - Powertrain
CP-0028L-0511	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.

