



# Service Bulletin

File in Section: -

Bulletin No.: PIP4920L

Date: February, 2014

## PRELIMINARY INFORMATION

**Subject:** BAS+ (HYBRID) eAssist TAC Parts Restriction

**Models:** 2012-2014 Buick LaCrosse, Regal  
2013-2014 Chevrolet Malibu ECO  
2014 Chevrolet Impala  
All equipped with eAssist (RPO HP6)

This PI was superseded to update recommended field, parts and labor codes. Please discard PIP4920K.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern

As part of our ongoing quality improvement process, the following components will remain on restriction through the GM Technical Assistance Center (TAC).

**Note:** The Starter Generator (MGU) and Auxiliary Pump have been removed from parts restriction through the Product Quality Center (PQC) or the GM Technical Assistance Center (TAC).

### Recommendation/Instructions

**Important:** If the 12V system voltage has fallen below a predetermined level (approximately 9V), use GDS2 to command the Battery Pack Cooling Fan on to make sure it operates.

- If the Battery Pack Blower Fan is inoperative and the vehicle build date is on or between December 15, 2011 and April 23, 2012, replace the Battery Pack Cooling Fan.
- Check to ensure the Generator Control Module SPS calibrations are current.
- If the vehicle build date is before December 15, 2011 or April 23, 2012 and later, follow published G.S.I. Diagnostics.

**Note:** Prior to performing any SPS Programming or Clearing DTCs, save the DTC Freeze Frame / Failure Records using GDS2.

**Important:** After a Powerpack, GCM or BECM is replaced, the BECM and/or GCM will need to be programmed using the Techline Information System (TIS) / Service Programming System (SPS). Verify the correct part number is installed prior to performing SPS programming.

If diagnostics lead to the replacement of any of the components listed above other than the MGU, please contact TAC at Telephone Number US 1-877-446-8227 (Action Center prompt or Hybrid prompt) or Canada 1-800-263-7740 for English or 1-800-263-7960 for French.

### Parts Information

Part Number	Description	Quantity
20969054	Battery Energy Control Module (BECM)	1
22987539	Battery Energy Control Module (BECM)	1
20813602	Generator Battery (Sections 1 and 2)	1
24259770	Generator Control and Battery Module (Complete PowerPack)	1
22948845	Generator Control and Battery Module (Complete PowerPack)	1

## Warranty Information

For vehicles repaired under warranty use:

Labor Code	Service Procedure	Labor Time
5031010	BECM Replacement	1.8*
5031050	Generator Battery Replacement	2.5*
5031300	PowerPack Replacement and Shipping Preparation	1.9*
* Use Published Labor Operation Time		

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.