



Service Bulletin

File in Section: -

Bulletin No.: PIP4920M

Date: March, 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This PI was superseded to update parts and warranty information. Please discard PIP4920L.

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.

Parts Information

YEAR / MAKE / MODEL	COMPONENT CODE	PART NAME	PART NUMBER	
QUANTITY	2012-2013 Buick LaCrosse, Regal 2013 Chevrolet Malibu	K16	Battery Energy Control Module (BECM)	20969054
1				
2012-2014 Buick LaCrosse, Regal 2013-2014 Chevrolet Malibu 2014 Chevrolet Impala	K16	Battery Energy Control Module (BECM)	22987239	1
2012 Buick LaCrosse, Regal 2013 Chevrolet Malibu Eco	A4	Generator Control and Battery Module (PowerPack)	23102218 (Replaced by 23159968)	1

YEAR / MAKE / MODEL	COMPONENT CODE	PART NAME	PART NUMBER	
2013 Buick LaCrosse, Regal 2014 Chevrolet Malibu Eco 2014 Chevrolet Impala	A4	Generator Control and Battery Module (PowerPack)	23102217 (Replaced by 23159967)	1
2012-2014 - All Models	C4A/C4B	Generator Battery Sections 1 And 2	20813602	1

Warranty Information

For vehicles repaired under warranty use:

LABOR CODE	SERVICE PROCEDURE	LABOR TIME
5031010	Battery Energy Control Module Replacement	Use Published Labor Time
5031400	Generator Control and Battery Module Replacement and Shipping Preparation (PowerPack)	Use Published Labor Time
5031050	Generator Battery Replacement (Sections 1 And 2)	Use Published Labor Time
2810945	Battery Energy Control Module Reprogramming with SPS	0.3
2810025	Generator Control Module Reprogramming with SPS	0.3

If diagnostics lead to the replacement of any of the components listed above, 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.

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.