



Preliminary Information

PIC5880L Spark EV (BEV) TAC Battery Internal Component Restriction

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Spark EV	2014 - 2016	ALL	ALL	EN0	ALL

Supersession Statement

This PI was superseded to update end the restriction on the DC Fast Charger (T24) and the HPCM (T6), Please discard PIC5880K. The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

This PI will explain the restriction for the 2014-2016 MY Spark EV (BEV).

NOTE: If the Drive Motor Battery is needed, refer to the latest versions of PIP5112 to place the order.

Recommendations / Instructions

The component restriction will be administered by the GM Technical Assistance Center (TAC). The servicing technician must provide detailed customer comments, conditions, diagnostic trouble codes (DTCs) and other useful information. To request restricted components, dealerships are required to call Technical Assistance (TAC). Prior to calling TAC, please read through this entire document. If diagnosis leads to replacement of one or more of the restricted components listed below please have all SI document numbers used during diagnosis available prior to contacting TAC.

TAC Telephone Number US 1-877-446-8227 (Action Center prompt or Hybrid prompt) Canada 1-800-263-7740 for English or 1-800-263-7960 for French

Danger: Always perform the High Voltage Disabling procedure prior to servicing any High Voltage component or connection. Personal Protection Equipment (PPE) and proper procedures must be followed.

The High Voltage Disabling procedure will perform the following tasks:

- Identify how to disable high voltage.
- Identify how to test for the presence of high voltage.
- Identify condition under which high voltage is always present and personal protection equipment (PPE) and proper procedures must be followed.

Before working on any high voltage system, be sure to wear the following Personal Protection Equipment:

- Safety glasses with appropriate side shields when within 50 feet of the vehicle, either indoors or outdoors.
- Certified and up-to-date Class "0" Insulation gloves rated at 1000V with leather protectors.
- Visually and functionally inspect the gloves before use.
- Wear the Insulation gloves at all times when working with the Drive Motor Battery assembly, whether the system is energized or not. Failure to follow the procedures exactly as written may result in serious injury or death.

Important: If vehicle damage does not allow access to the high voltage manual disconnect, then disconnect the 12V battery and remove the damaged portion of the vehicle until such time as the HV manual disconnect can be removed and the High Voltage Disabling procedure can be completed.

1. Perform the high voltage disable procedure at the drive motor generator control module assembly or cable connections. Refer to High Voltage Disabling in SI.
2. Perform the high voltage enable procedure when the component is installed, repaired and ready to be test driven.

Parts Information

Code	INTERNAL COMPONENTS	Part Name	Part Number	QTY
A28	2014	Generator Battery Control Wiring Junction Block, Battery Disconnect Unit (BDU)	22989598	1
A28	2015 - 2016	Generator Battery Control Wiring Junction Block, Battery Disconnect Unit (BDU)	23290177	1
E54	2014	High Voltage Battery Heater	22989588	1
E54	2015 - 2016	High Voltage Battery Heater	23472177	1
K16	2014 - 2016	Battery Energy Control Module (BECM)	13599333	1
k16	2014	Battery Energy Control Module (BECM)	13595710	
K112	2014	Drive Motor Battery Interface Control Module Replacement	22989610	1
K112	2014 - 2016	Drive Motor Battery Interface Control Module Replacement	13593091	1

K112J	2014	(VTSM) Drive Motor Battery Interface Control Module 9 (CSM) (Current Sense Module at Front of Pack)Warranty Information)	22989621	1
N/A	2015 - 2016	High Voltage Battery Tray	23453650	1
N/A	2015 - 2016	Battery Wiring Harness Assembly (Connector)	23242247 24282685	1
N/A	2015 - 2016	Low Voltage Battery Wiring Harness Assembly (HVIL, Temp, CAN & Current Sensor)	23495424	1
N/A	2015 - 2016	Battery Wiring Harness Assembly (Cell Voltage to VTSM and BECM)	23495425 supersedes 22996861	1
N/A	2014	Battery Cell Thermal Pad (Replaced with each Battery Section or MBB)	22989585	2
N/A	2014	Fuse	22989589	1

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.



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