



# Service Bulletin

## TECHNICAL

**Subject:** Reduced or Loss of Propulsion, No Start, Vehicle is unable to Plug-In Charge, Malfunction Indicator Lamp (MIL) Illuminated - DTC P0AFA Set

**Attention:** This Bulletin is intended for only those customers that have DTC P0AFA set or have been contacted by the Customer Assistance Center (CAC).

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Spark EV	2015	2015				

<b>Involved Region or Country</b>	North America
<b>Condition</b>	<p><b>Note:</b> Some customers may bring their vehicle to the dealership because OnStar had identified that their vehicle could potentially set a fault (DTC P0AFA) and they had been contacted by CAC to bring their vehicle in for repair.</p> <p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>• Vehicle is unable to Plug-In Charge</li> <li>• No start</li> <li>• Reduced or loss of propulsion</li> <li>• Malfunction Indicator Lamp (MIL) illuminated</li> </ul> <p>The technician may find DTC P0AFA set.</p>
<b>Cause</b>	This condition may be caused by metal contaminants (iron, chromium, copper) found in the High Voltage Battery Cells that cause a high self-discharge of the battery cell, eventually setting an under voltage DTC code.
<b>Correction</b>	If the customer brought their vehicle in because one/or more of the above conditions have been validated or have been contacted by CAC to bring their vehicle in for repairs, the High Voltage Battery will most likely need to be replaced.

### Parts Information

Description	Part Number	Qty
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BATTERY, HIGH VOLTAGE (NEW DOMESTIC)	23270164	1
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**Note:** This is a Technical Assistance Center (TAC) Restricted part. Please contact your respective TAC for further instructions.

## Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
9102972*	Drive Motor Battery Replacement and Shipping Preparation	2.5 hrs

\*Submit using ZFAT transaction type.

## Service Procedure

**Note:** This bulletin will apply to all 2015 model year Spark EVs.

Replace the Drive Motor Battery. Refer to *Drive Motor Battery Replacement and Shipping Preparation* in SI.

<b>Version</b>	2
<b>Modified</b>	May 19, 2017 - Added a Note to the Parts Information.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from this information.



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