



Service Bulletin

PRELIMINARY INFORMATION

Subject: Vehicle Will Not Crank With DTC P0AFA

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Malibu Hybrid	2016	2017	All	All	RPO LKN	RPO MKE
Buick	Lacrosse Hybrid	2017	2017	All	All	RPO LKN	RPO MKE

Involved Region or Country	North America, Korea, and China
Additional RPO/s:	Only cars equipped with hybrid transmission MKE
Condition	The vehicle did not start after several engine crank attempts and currently has a current DTC: P0AFA and vehicle will no longer crank
Cause	After excessive crank attempts where the engine spins but does not start, the high voltage battery pack will be out of energy, similar to draining a 12 volt battery on a traditional powertrain.

Correction

If there are other DTCs which may indicate an issue with the engine or transmission, then follow those codes first and make necessary repairs.

Look for other diagnostics to guide the repair or check the fuel level and fuel quality.

After finding and repairing the reason for the engine not being able to start and produce torque, the high voltage battery must be replaced in order to try another crank attempt.

It is also possible for a P0AFA to be caused by an internal fault in the high voltage battery, but it will also need to be replaced for this condition.

The key point to remember is that the engine will have a limited number of crank attempts when a new high voltage battery is installed, and there is currently no method to charge the high voltage battery other than a running engine.

Parts Information

Description	Part Number	Catalog Number
2016-2017	Hybrid Battery Pack Assembly	24282982, 24282981, 24282983, 24280416, 24281489

Note: The Hybrid Battery Pack is on restriction through the Technical Assistance Center and you need to follow the current version of PIC6194 to obtain a replacement battery

Warranty Information

Labor Operation	Description	Labor Time
5031630	High Voltage Battery Replacement and Shipping Preparation	Use Published Labor Operation Time

Version	1
Modified	

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