



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Check Engine Light with DTC P0C4A

**Models:** 2014-2016 Cadillac ELR  
2011-2015 Chevrolet Volt  
2012 Opel Ampera

*This PI has been revised to add the 2014-2016 ELR model, add the 2013-2015 Model Years for Volt and update the Warranty Information. Please discard PI0798.*

### Condition/Concern

The technician may find a check engine light and a DTC P0C4A set immediately after a repair of the high voltage battery cooling system that involves draining and refilling of the coolant.

Some customers may also return to the dealer with a check engine light within days or weeks of a cooling system repair.

### Recommendation/Instructions

Determine if a repair to the high voltage battery cooling system was recently performed. If repairs were recently performed, it is necessary to follow the procedure below:

1. Purge the rechargeable energy storage system (RESS) using the Vac-N-Fill Coolant Refill Tool and the Global Diagnostic System 2 (GDS2).
2. Clear the codes.
3. Test drive the vehicle using the different drive modes.
4. Check and readjust the RESS coolant level and return the vehicle to the customer.

If repairs to the high voltage battery cooling system were not recently performed, it is necessary to follow Strategy-Based Diagnostics (SBD) (DOC ID# 1957622) to properly diagnose and repair the concern.

### Warranty Information

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

Labor Operation	Description	Labor Time
5080298*	Vac-N-Fill Cooling System Drive Motor Battery	0.3♦hr

\*This is a unique Labor Operation for bulletin use only.

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 the information.



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