



Service Bulletin

File in Section: -

Bulletin No.: PIC5903

Date: August, 2013

PRELIMINARY INFORMATION

Subject: Spark EV (BEV) DTC P0534 With Or Without Service Vehicle Soon Lamp (SVS) On

Models: 2014 Chevrolet Spark EV
Equipped with (RPO EN0)

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

A customer may comment that the Service Vehicle Soon Lamp (SVS) is on. The yellow indicator resembles an outline of a car with an exclamation mark that is located on the upper left side of the IPC.

Recommendation/Instructions

The vehicle may have P0534 stored as current or history. DO NOT clear DTCs!

- ⇒ Save any Freeze Frame data and operate the vehicle with GDS2 connected. In GDS2 select Diagnostics, choose the Vehicle and then select Module Diagnostics / Hybrid Powertrain Control Module 2 (HPCM2) / Data Display / HVAC System Data and run the vehicle with the Air Conditioning Control Module (ACCM) on.
- ⇒ Check and record the software levels for the Remote Heater and Air Conditioning Control Module (ECC). This can be found in the GDS2 Module Information. Do not update the software unless directed to.
- ⇒ Connect the GE 50300 Refrigerant Recovery/Recharge A/C machine and check the R1234yf Refrigerant level. Note if the machine indicates there are any faults and print all results.
- ⇒ If the Refrigerant level recovered is below 500 grams, check the A/C system for a leak.
- ⇒ If the Refrigerant level is between 500 grams and the specified total fill amount (LHD 575 grams) call the General Motors Technical Assistance Center (TAC) in the United States @ 877-446-8227 or in Canada 800-263-7740 (English) or 800-263-7960 (French) to document a TAC case prior to any repairs.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
4417169	A/C System Analysis (Base) *	0.3 hr
Add	To Recover and Recharge A/C System	0.2 hr
2810015	HVAC System Control Module Reprogramming with SPS	0.3 hr
* Note: Use this labor code for diagnostic checks and if no leaks were found or performance is normal.		

Note: Use this labor code for diagnostic checks, and if no leaks were found or performance is normal.

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.