File In Section: Service Bulletin

Bulletin No.:   PIP4905

Date: April, 2011

PRELIMINARY INFORMATION

Subject: Vehicle Will Not Charge DTC P0D26

Models: 2011 Chevrolet Volt

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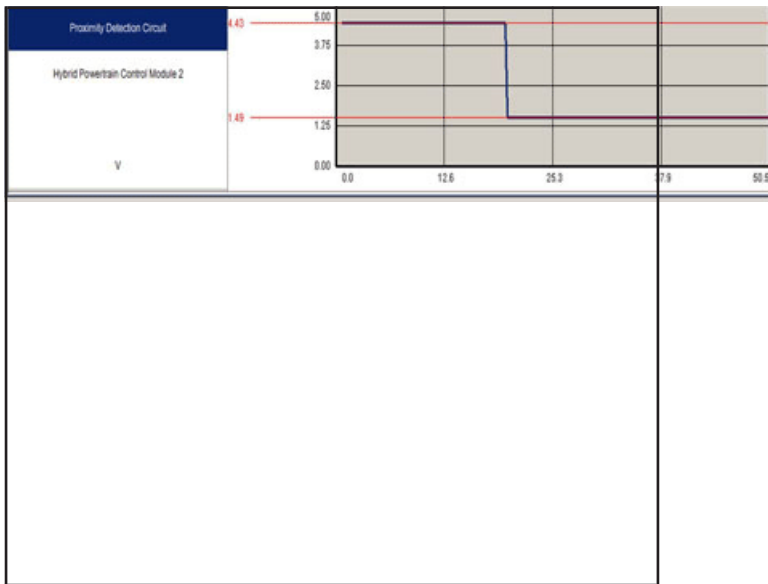
Condition/Concern:

Some customers may experience a no charge condition when using either the stationary 240V or the 120V charger. You may also notice DTC: P0D26 set in the HPCM 2.

Recommendation/Instructions:

If normal S.I. diagnostics do not isolate the cause of the concern, please perform the following steps:
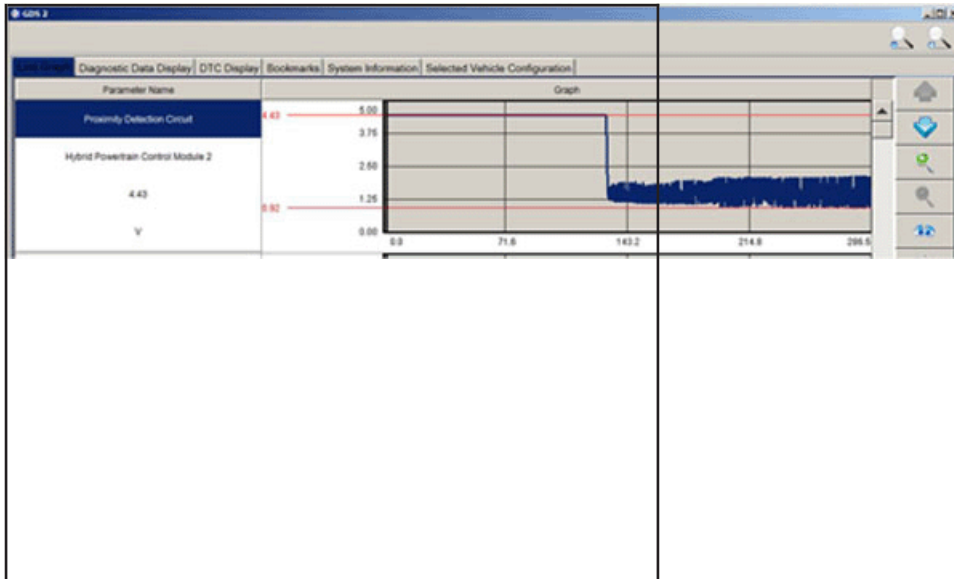
1. Check the last 8 digits of the (VIN) Vehicle Identification Number, If the VIn number is less than VIN BU100954, perform the latest version of PIP4875 to program the HPCM 2, along with the other modules.

2. If the concern returns or the vehicle has already had PIP4875 performed, please perform step 3.

3. Plug in the 120V charger and note the behavior of the charge indicator light on the Instrument Panel and the lights on the charge cord set (EVSE). If the light on the Instrument Panel is not steady green during a charging event, and the two upper charge cord set lights are steady green, record a GDS 2 snapshot from the HPCM 2 monitoring the Battery Charger Control Module Data.

4. Review the snapshot and monitor the proximity detection signal for erratic operation while manipulating the charge cord coupler (handle) in different directions.

5. Review the two pictures below. One shows a Proximity signal that is good and the other shows a proximity signal that is erratic.

   Good Proximity Signal

2634909

Erratic Signal

2634905

6. If your snapshot shows the erractic signal above, and the condition changes with charge cord coupler (handle) manipulation, a new charge port receptacle may be needed to correct the concern.

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.