Bulletin No.: PIC5523D

Date: Feb-2015

Service Bulletin

PRELIMINARY INFORMATION

Subject: Diagnostic Tip Vehicle Will Not Crank Waiting To Initialize Message

Models: 2011-2015 Chevrolet Volt

2014-2015 Cadillac ELR

This PI was superseded to update Recommendation/Instructions and Model Years. Please discard PIC5523C.

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

Condition/Concern

Some customers or technicians may experience a no crank condition with the " Waiting to Initialize " message displayed on the DIC. The condition may also be accompanied by a DTC: P0AFA set in the Hybrid Powertrain Control Module 2 (HPCM 2) .

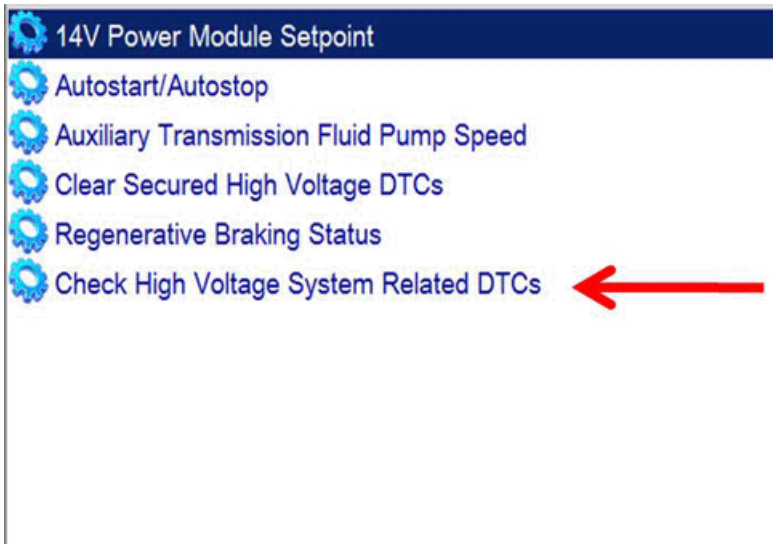
This condition may be seen after the following:

1. A extremely low or dead 12 volt battery.
2. After removing the Manual Disconnect.
3. After replacing a major component like a 300V battery, Drive unit, Drive motor control module (TPIM) etc.
4. After SPS programming several modules at one time or major reprogramming events
5. After an Airbag Deployment.

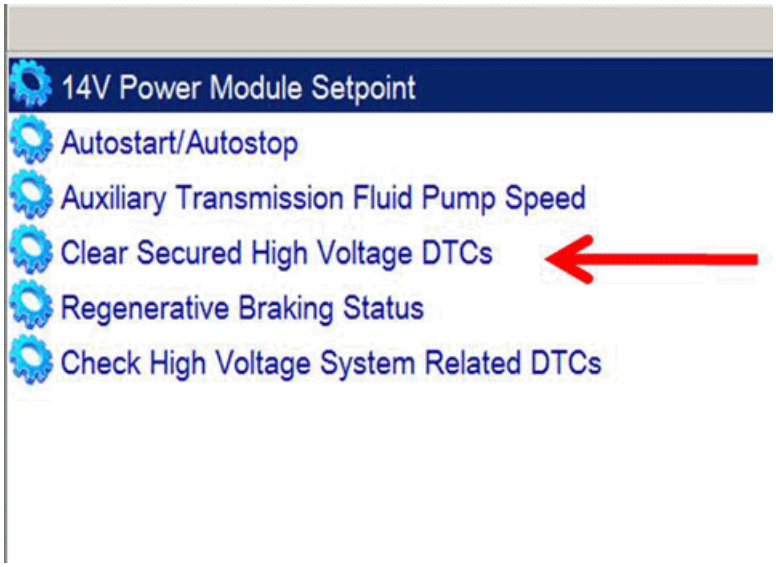
Recommendation/Instructions

If you experience " no crank " condition with the " Waiting to Initialize " message with one of the symptoms above, Please follow the procedure below

1. ke sure the 12 Volt battery is fully charged.
2. Install GDS and build vehicle and then select Module Diagnostics/Hybrid Powertrain Control Module/Control Functions/ and select " Check high voltage system related DTC's. Hit the continue button twice and read through all the DTC's and then when finished hit the continue button again to return to the previous menu



3. Now select clear the High Voltage DTCs in the HPCM and hit the reset button on the bottom of the screen. Wait 45 seconds before exiting the screen



4. Now select Hybrid Powertrain Control Module 2 /Control Functions/ and select " Check high voltage system related DTC's. Hit the continue button twice and read through all the DTCs and then when finished hit the continue button again to return to the previous menu
5. Now select clear the High Voltage DTCs in the HPCM 2 and hit the reset button on the bottom of the screen. Wait 45 seconds before exiting the screen
6. Disconnect the MDI from the vehicle and shut off the ignition and then shut all the vehicle doors and allow the vehicle to go into a sleep mode for 3 minutes.
7. Disconnect the 12 Volt positive and negative battery cable and touch the battery cables together and then re-install after 15 seconds.
8. Attempt to start the vehicle after a 3 minute waiting period.

   Note: These steps above need to be performed in order and if you miss a step you need to start back at step one. On some vehicles, you may have to perform this procedure 2-3 times before the vehicle will start.
9. If vehicle still doesn't crank, please follow published diagnosis

Warranty Information

FThe correction for this concern may be one of several repairs described above. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the original cause in addition to well documented straight time.

ADDITIONAL SI KEYWORDS:

B1325 CEL discharge electric electrical inop inoperative intermittently MIL weak

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.
