Bulletin No.: PIC5523F
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Preliminary Information

PIC5523F Diagnostic Tip Vehicle Will Not Crank Waiting To Initialize Message

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Volt	2011 - 2015	ALL	ALL	ALL	ALL
Cadillac	ELR	2014 - 2016	ALL	ALL	ALL	ALL

Supersession Statement

This PI was superseded to update the concern. Please discard PIC5523E.
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) .
Note: If the customer experienced a loss of propulsion with a DTC: P0AFA, view HPCM2 freeze frame data in GDS2 and follow diagnostic procedures for P0AFA before attempting to clear any codes.

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.

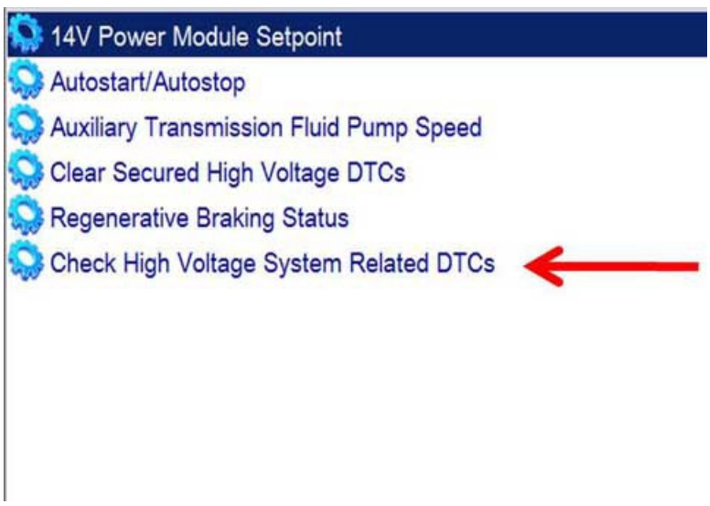
5) After an Airbag Deployment.

Recommendations / Instructions

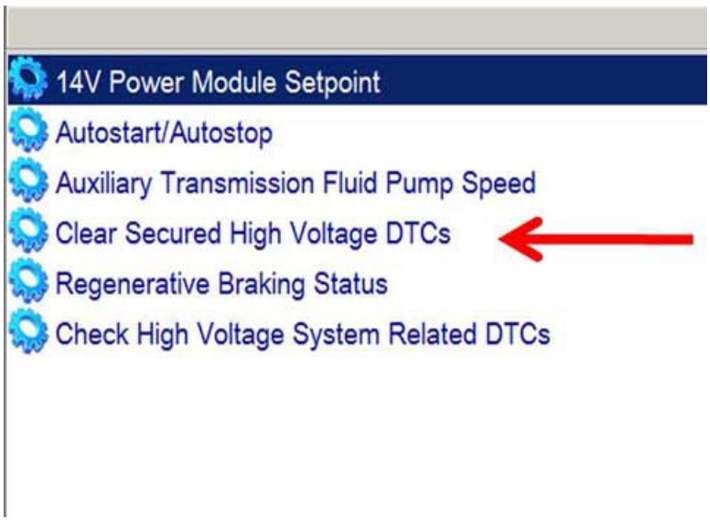
If you experience " no crank " condition with the " Waiting to Initialize " message with one of the symptoms above, Please follow the procedure below

1) Make 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

The 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.
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.

Additional SI Keywords

B1325 CEL discharge electric electrical inop inoperative intermittently MIL weak

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