BECM P0DBE:00	Hybrid/EV Battery Cell Balancing Circuit 'E' Stuck Off: No Sub Type Information	Sets if cell balance circuit E is stuck open for 0.1 second.
BECM P0DC1:00	Hybrid/EV Battery Cell Balancing Circuit 'F' Stuck On: No Sub Type Information	Sets if cell balance circuit F is stuck closed for 0.1 second.
BECM P0DC2:00	Hybrid/EV Battery Cell Balancing Circuit 'F' Stuck Off: No Sub Type Information	Sets if cell balance circuit F is stuck open for 0.1 second.
BECM P0DC5:00	Hybrid/EV Battery Cell Balancing Circuit 'G' Stuck On: No Sub Type Information	Sets if cell balance circuit G is stuck closed for 0.1 second.
BECM P0DC6:00	Hybrid/EV Battery Cell Balancing Circuit 'G' Stuck Off: No Sub Type Information	Sets if cell balance circuit G is stuck open for 0.1 second.

Possible Sources

- Low high voltage battery voltage
- Wiring, terminals or connectors
- BECM
- High voltage battery

WARNING: To prevent the risk of high-voltage shock, always follow precisely all warnings and service instructions, including instructions to depower the system. The high-voltage system utilizes approximately 300 volts DC, provided through high-voltage cables to its components and modules. The high-voltage cables and wiring are identified by orange harness tape or orange wire covering. All high-voltage components are marked with high-voltage warning labels with a high-voltage symbol. Failure to follow these instructions may result in serious personal injury or death.

AK1 RETRIEVE ALL THE BECM (BATTERY ENERGY CONTROL MODULE) DTCS

P0DC2:00, P0DC5:00, or P0DC6:00?

Yes	GO to AK3
No	The concern was corrected by charging the high voltage battery.

AK3 CHECK BECM (BATTERY ENERGY CONTROL MODULE) CONNECTORS FOR BEING FULLY SEATED

- Ignition OFF.
- Depower the high voltage system.
  REFER to: High Voltage System De-energizing - Full Hybrid Electric Vehicle (FHEV) (414-03A High Voltage Battery, Mounting and Cables, General Procedures) .
- Remove the high voltage battery.
  REFER to: High Voltage Battery - Full Hybrid Electric Vehicle (FHEV) (414-03A High Voltage Battery, Mounting and Cables, Removal and Installation) .
- Remove the high voltage battery cover.
  REFER to: Battery Energy Control Module (BECM) - Full Hybrid Electric Vehicle (FHEV) (414-03A High Voltage Battery, Mounting and Cables, Removal and Installation) .
- Inspect all BECM connectors, and make sure they are fully seated.

Were all the BECM connectors fully seated?

Yes	CHECK OASIS for any applicable service articles: TSB , GSB , SSM or FSA . If a service article exists for this concern, DISCONTINUE this test and FOLLOW the service article instructions. If no service articles address this concern, INSTALL a new BECM . REFER to: Battery Energy Control Module (BECM) - Full Hybrid Electric Vehicle (FHEV) (414-03A High Voltage Battery, Mounting and Cables, Removal and Installation) . GO to AK4

Are any of the following Diagnostic Trouble Codes (DTCs) retrieved: P0B24:00, P0DAD:00, P0DAE:00, P0DB1:00, P0DB2:00, P0DB5:00, P0DB6:00, P0DB9:00, P0DBA:00, P0DBD:00, P0DBE:00, P0DC1:00, P0DC2:00, P0DC5:00, or P0DC6:00?

Yes	GO to AK5
No	The system is operating correctly at this time. The concern was resolved by reseating the BECM connectors.

AK5 CHARGE THE HIGH VOLTAGE BATTERY IN DRIVE MODE

- Ignition ON.
- Start the engine. (Ready indicator light ON)
- Wait 10 minutes. The vehicle will charge the high voltage battery automatically.
- Ignition OFF.
- Ignition ON.
- Using a diagnostic scan tool, clear the BECM Diagnostic Trouble Codes (DTCs).
- Ignition OFF.
- Start the engine. (Ready indicator light ON)
- Ignition OFF.
- Ignition ON.

- Ignition ON.
- Using a diagnostic scan tool, perform BECM self-test.

Are any of the following Diagnostic Trouble Codes (DTCs) retrieved: P0B24:00, P0DAD:00, P0DAE:00, P0DB1:00, P0DB2:00, P0DB5:00, P0DB6:00, P0DB9:00, P0DBA:00, P0DBD:00, P0DBE:00, P0DC1:00, P0DC2:00, P0DC5:00, or P0DC6:00?

Yes	CHECK OASIS for any applicable service articles: TSB , GSB , SSM or FSA . If a service article exists for this concern, DISCONTINUE this test and FOLLOW the service article instructions. If no service articles address this concern, INSTALL a new high voltage battery. REFER to: High Voltage Battery - Full Hybrid Electric Vehicle (FHEV) (414-03A High Voltage Battery, Mounting and Cables, Removal and Installation) .
No	Repair is complete.

PINPOINT TEST AL: U3003:16, U3003:17, U3003:64

AL1 CLEAR ALL CMDTCS AND REPEAT SELF TEST

- Ignition ON.
- Using a diagnostic scan tool, clear all All Continuous Memory Diagnostic Trouble Codes (CMDTCs).
- Start the engine. (Ready Indicator Light ON) for a minimum for 2 minutes.
- Ignition OFF.
- Ignition ON.
- Using a diagnostic scan tool, perform a All Continuous Memory Diagnostic Trouble Codes (CMDTCs) self test.

Is DTC B1316:00, B1318:00, B1676:00, P0562:00, P0563:00, U3003:16 or U3003:17 present in more than 1 module?

Yes	CARRY OUT self-test of the Direct Current/Direct Current (DC/DC) converter control module. If a DTC is present, REFER to: Direct Current/Direct Current (DC/DC) Converter Control Module - Full Hybrid Electric Vehicle (FHEV) (414-05 Voltage Converter/Inverter, Diagnosis and Testing) . If the module passes a self test with no Diagnostic Trouble Codes (DTCs), GO to AL2
No	If no Diagnostic Trouble Codes (DTCs) are present the concern is not present at this time. For DTC U3003:16 or U3003:17, GO to AL2 For DTC , U3003:64, GO to AL5

AL2 CHECK THE 12-VOLT BATTERIES