

No	GO to CC2
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CC2 CHECK THE BATTERY VOLTAGE

Turn off all interior/exterior lights and accessories.

Start and run the engine at approximately 2, 000 RPM for 3 minutes while monitoring the battery voltage.

Does the battery voltage rise to 15.5 volts or higher?

Yes	DIAGNOSE the overcharging condition. Refer to the appropriate article for the procedure.
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No	GO to CC3
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CC3 RECHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U3003:17

Ignition OFF.

Ignition ON.

Using a diagnostic scan tool, clear the continuous memory DTCs.

Carry out the IPC self-test.

Is DTC U3003:17 present?

Yes	INSTALL a new IPC. REFER to: Instrument Panel Cluster (IPC) .
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No	The system is operating correctly at this time. The DTC may have been set previously during battery charging or while jump starting the vehicle.
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DIAGNOSIS AND TESTING > INSTRUMENTATION, MESSAGE CENTER AND WARNING CHIMES > PINPOINT TESTS > PINPOINT TEST CD : U3003:17

Normal Operation and Fault Conditions

ICM DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
U3003:17	Battery Voltage: Circuit Voltage Above Threshold	Sets in the ICM in continuous memory if the ICM detects battery voltage above 16 volts on the voltage supply circuit for 5 seconds or longer.

Possible Sources