

System	Date of Issue	Type of Service Information
G2V2	3/15/16	<input checked="" type="checkbox"/> Troubleshooting <input type="checkbox"/> Procedure

**Title: Troubleshoot High Voltage Battery HVIL
Code 122**

Special Tools or Software Required:

Where Available	Type of Tool	Equipment Description
	Multi-meter	

Procedure:

NOTE: Code 122 is a Permanent code. The condition causing the code must be resolved and then the vehicle ignition switch must be cycled to clear the code.

1. Key "ON" and check display for diagnostic codes (122) by pressing and holding the outer two buttons on the display.



Display: 122 Code Present

The information in this Service Information is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. Warranty Policy documentation determines Warranty coverage unless stated otherwise. The information in this Service Information was current at the time of printing. Odyne Systems, LLC reserves the right to supersede this information with updates. The most recent information is available through Odyne on-line technical resources.



Note that code 140 (Low or Out of Range) may also be present.



Display: 140 Code Present

2. Using a Multi-meter check for 12 volts DC on connector J16 (RESS A) pin P.



Pin P

- If 12 volts DC is not present, check fuse 20 in the PDM and replace if necessary.

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3. Reconnect the J16 connector to the battery and back probe for voltage on J16 (RESS A) pin A.



Reconnect J16 to Battery

- If 12 volts is not present on pin A, inspect the 20ga white wires on the high voltage connector that plugs into the battery. Verify the battery disconnect inside the battery is fully slid to the side.



Internal Battery Disconnect

4. Using a Multi-meter check for 12 volts DC on connector J17 (RESS B) pin P.
 - If 12 volts DC is not present, inspect the harness going from J16 to J17.
5. Back probe for voltage on J17 (RESS B) pin A.
 - If not present, inspect the 20ga white wires on the high voltage connector that plugs into the battery and verify the battery disconnect inside the battery is fully slid to the side.
6. If 12 volts is present, check the connection on J2-E3 on the HCU.

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Odyne Service Support Resources:

To request technical assistance, contact ServiceSupport@Odyne.com.
To request parts, contact Parts@Odyne.com.

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