

**NOTICE:** Use the correct probe adapter(s) from the Flex Probe Kit when taking measurements. Failure to use the correct probe adapter(s) may damage the connector.

**AA1 RETRIEVE THE BECM (BATTERY ENERGY CONTROL MODULE) DTCS**

- Ignition ON.
- Using the scan tool, clear the BECM Diagnostic Trouble Codes (DTCs).
- Operate the system performing at least 2 ignition cycles.
- Using a diagnostic scan tool, perform BECM self-test.

**Is DTC P0ADD:00, P0ADF:00, and/or P0AE0:00 present?**

<b>Yes</b>	GO to <a href="#">AA2</a>
<b>No</b>	The concern is not present at this time.

**AA2 CHECK CONTACTOR CIRCUITS FOR A SHORT TO CASE GROUND**

Is the resistance greater than 10,000 ohms?

Yes	GO to <a href="#">AA3</a>
No	INSTALL a new wiring harness.

**AA3 CHECK CONTACTOR CIRCUITS FOR AN OPEN**

- Measure:

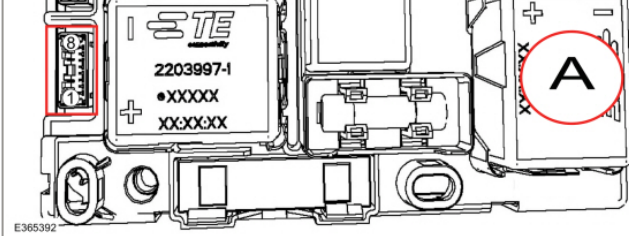
[Click to display connectors.](#)

Positive Lead	Measurement / Action	Negative Lead
<a href="#">C4236B-6</a>	$\Omega$	<a href="#">C4237B-8</a>
<a href="#">C4236B-8</a>	$\Omega$	<a href="#">C4238-8</a> (male side)

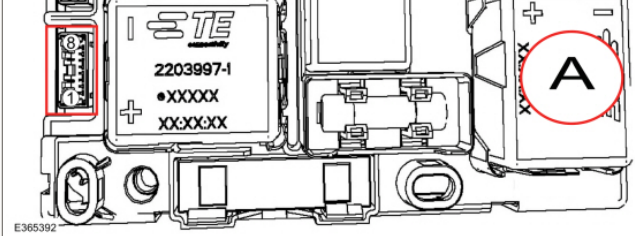
Are the resistances less than 3 ohms?

Yes	GO to <a href="#">AA4</a>
No	INSTALL a new wiring harness.

**AA4 CHECK CONTACTOR CIRCUITS FOR BEING SHORTED TOGETHER**



C4236B-6 (component side)



C4236B-8 (component side)

- o With the help of an assistant, repeatedly tap on top of the contactor relay (A) using a screwdriver.

**Is the resistance between 15.8 - 24.9 ohms and steady?**

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: <a href="#">Battery Energy Control Module (BECM) - Full Hybrid Electric Vehicle (FHEV)</a> (414-03A High Voltage Battery, Mounting and Cables, Removal and Installation) .
No	INSTALL a new high voltage battery junction box. REFER to: <a href="#">High Voltage Battery Junction Box - Full Hybrid Electric Vehicle (FHEV)</a> (414-03A High Voltage Battery, Mounting and Cables, Removal and Installation) .