

System	Date of Issue	Type of Manual
Odyne Hybrid Systems	9/1/20	<input type="checkbox"/> Installation Manual <input checked="" type="checkbox"/> Service Procedure

Title: Bel DC-DC Converter Replacement Procedure

Applies To: All Odyne Hybrid Systems Equipped With Bel DC-DC.

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.

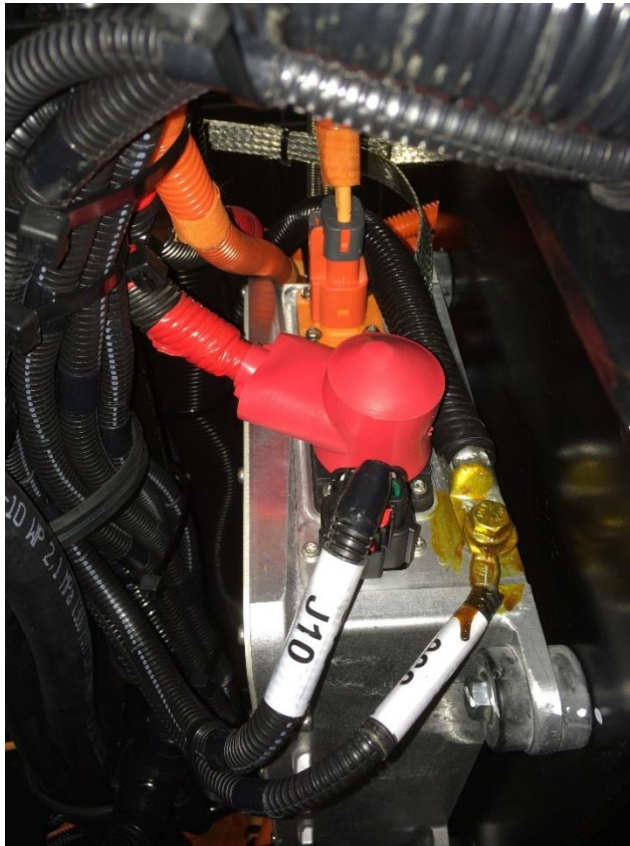
Instructions:

1. Remove the key from the ignition and place in a safe area. Wait for the Odyne green display to go blank then wait another 5 minutes.
2. After waiting for 5 minutes disconnect the orange High voltage connector on each battery (See Below). Please Note some applications will only have one battery.



3. Locate the Bel DC-DC converter and pinch off both coolant lines to the module. This will reduce the amount of coolant lost.
4. Remove the coolant hoses from the module
5. Disconnect the High Voltage connector from the module. This connector is a two stage connector. Press down on the back of the connector and pull, the connector should pull back briefly. You will then need to use a pick to press down on the small red rectangle near the release tab then pull on the connector. This should allow the connector to be removed all the way.
6. Disconnect the J10 connector from the module.
7. Disconnect the ground from the module.
8. Unbolt and disconnect the power terminal from the module. (See Below)

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9. There are four bolts holding the module to its bracket. Unbolt and remove the DC-DC converter from the truck.
10. Install the new DC-DC converter to the bracket.
11. Reinstall the ground to the module.
12. Reinstall the J10 connector to the module.
13. Reinstall the power terminal to the module.
14. Reinstall the High voltage connector to the module.
15. Reinstall the coolant hoses to the module. Remove the clamps placed on the coolant lines from step three.
16. Reconnect both High voltage battery connectors.
17. Follow the coolant refill procedure to bleed the air (if any) from the system.
18. Test the unit for proper operation.

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