



Thor Motor Coach Technical Service Bulletin

TSB #	TSB 26-05		
Description/Title:	DC/DC Charger wiring		
Affected Product Line(s):	Certain model year 2026-2027 Eddie Bauer Van, Palladium, Sanctuary, Talavera, Tranquility		
Service Campaign # :	RC000342		
Codes:	Inspect Only: TMCTS80250U Inspect with Repair: TMCTS80250J	Document Date:	8/31/2026
Time Allowed:	Inspect Only: 0.3 Inspect with Repair: 0.5	Document Revision:	A

Issue:

It has been discovered the DC/DC Charger may have been wired backwards. If the charger wires are reversed, it is preventing the chassis alternator from charging the house batteries.

Instructions:

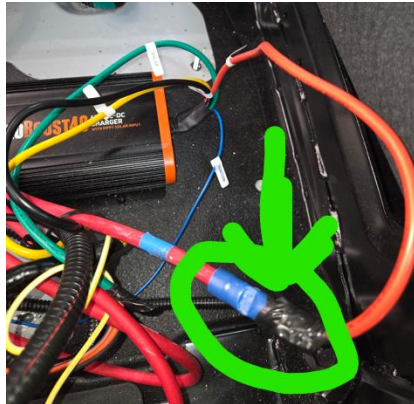
1. Locate the DC/DC Charger under the passenger seat using the access door on the side of the pedestal.



2. Locate the Red (may appear Orange) & Yellow wires leading into the DC/DC Charger.
3. The Yellow lead wire is an input from the chassis battery and is connected to a 6 gauge Red wire.
4. The Red (may appear Orange) is an output to the house battery and is connected to a 6 gauge Red wire.
5. Note the voltage at both chassis and house battery prior to doing anything. Use this as a reference in the following criteria:
 - a. shore power cord unplugged
 - b. house disconnect switch in the OFF position
 - c. chassis engine idling for roughly 2 minutes
 - i. test the voltage where the Yellow and 6 gauge Red wire are connected. It should be roughly 13+ Volts.



- ii. Test the voltage where the Red (may appear Orange) and 6 gauge Red wire are connected. It should be the same as the current house battery voltage.



- iii. If the voltages coincides with the above, turn the house disconnect switch to the ON position and after a short delay, the chassis battery voltage will pass through and charge the house battery.



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6. If the chassis battery voltage is discovered on the Red (may appear Orange) wire of the DC/DC Charger and not on the required Yellow, the 6 gauge Red wires connected to the Yellow and Red (may appear Orange) will need to be swapped.
 - a. If the wires required to be swapped, repeat step 5 to ensure accuracy.

As a precautionary measure, ensure the grounding cable & stud under the passenger cockpit chair is secure and tight with the star washer touching the chassis metal and not on top of the ground cable with no contact to chassis metal.

