



October 15, 2022

**Technical Service Bulletin: TSB #22-02**

Subject: Electrical System Grounding

Dear Valued Dealer:

Ember has determined that some trailers have insufficient grounding. This could result in the electrical system not functioning correctly.

Our records indicate that the following units are currently part of the inventory at your dealership and requires this bulletin repair *prior to retail sale*.

<VIN LIST>

If you sold this affected vehicle, *please contact the current owner regarding this Service Bulletin and process the Warranty Registration for this customer.*

All pertinent information regarding this Bulletin is on file on the Ember website. If you have questions, please contact Ember Ownership Experience at (574) 402-0984.

We apologize for any inconvenience or concern this Bulletin may cause and want to assure you that Ember is taking all necessary steps to ensure our product quality meets your expectations.

Sincerely,

Ember Recreational Vehicles



<b>Bulletin Type:</b>	Technical Service Bulletin	<b>Publication Date:</b>	October, 2022
<b>Bulletin #:</b>	22-02	<b>Make and Model:</b>	Ember Overland, non Max Solar
<b>Flat Rate:</b>		<b>Model Year:</b>	2023

1. Locate the inverter. The inverter is in the passthrough storage area, offset towards the roadside of the coach.
2. Inspect the inverter: if only one cable is connected to the black "DC Negative Input" shown in figure 1, an additional ground is required.
3. If two black wires are connected to the black "DC Negative Input", your Ember trailer does not require additional grounding.
4. A 30" 8ga ground wire is required to complete the connection. One can be obtained from Ember if required.
5. Route one end through the grommet on the driver's side of the front gear box as shown in Figure 2.

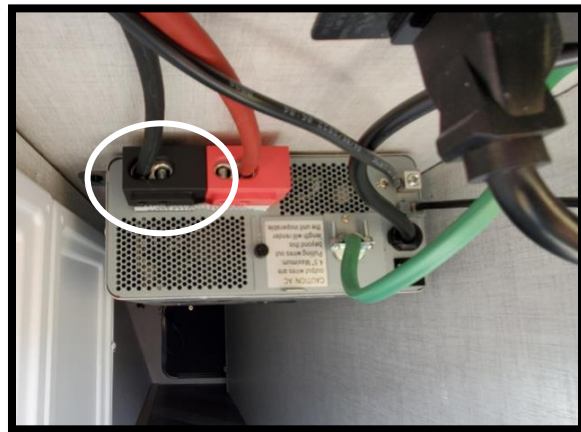


Figure 1: Missing second grounding wire, requires repair

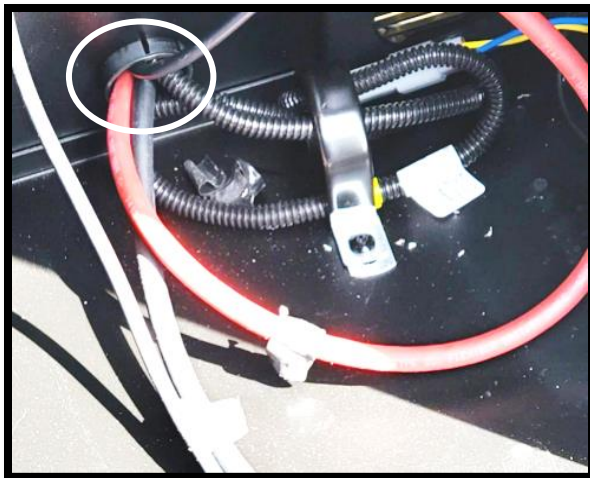


Figure 2



Figure 3

6. Tightly secure the opposite end of the new ground strap to the cross member located under the gear box as shown in figure 3. Use a star washer to ensure proper contact with the frame. Once secure, weatherproof the connection with black paint.