

Manufacturer's Communication to Dealer MCD-004 B-Van Alternator Jumper Cable

March 1, 2024

Dear Tiffin Motorhomes Dealer,

On certain 2023-2024 Convoy and 2023 Tiffin (GH1) Motorhomes, an alternator jumper cable should be installed to the battery disconnect switch to allow the alternator to charge the battery when the battery disconnect switch is off.

Tiffin Motorhomes is allowing 0.40 hours to make this update. Please verify the motorhome is involved in this update **before** ordering parts. To verify a motorhome's involvement in this product improvement, please visit our website, tiffinmotorhomes.com. Choose the "Dealer Login" page and click on "Vehicle Recall Lookup" and enter the complete 17-digit VIN number. No login or password is needed. To view work instructions, please click on "Flat Rate Manual" and choose "Dealer Communication" for Model and "Manufacturer-Dealer Communication" for the Section, scroll down to MCD-004 "Show Files" and then download the work instructions.

This job repair will expire on April 1, 2025. Please make sure that this repair is completed prior to this date. Work completed after this date will be done at the customer's expense.

Thank you for your attention to this matter,

Tiffin Motorhomes

MCD-004 Repair Instructions

Models Involved: 2023 – 2024 Convoy motorhomes and 2023 – 2024 Tiffin GH1 motorhomes built between March 23, 2023, and December 13, 2023.

Purpose: Moving the alternator cable to the disconnect side of the battery to allow the battery to always charge from the alternator.

Tools Needed:

Phillips Head Bit Screwdriver
(2) ½" Wrenches
9/16" Wrench
Torque Wrench

Parts Needed:

1 of 5157970
1 3/8-16 x ¾" bolt
1 3/8-16 nut

FLAT RATE CODE & TIME ALLOWED FOR REPAIR. *When filing the warranty claim for payment, please use TF9504DC03 OR CV9504DC03 for 0.40 hrs. No authorization is required for work completed at the flat rate times stated on the work instructions. Use "MCD004" as the authorization on claim for payment.*

Repair Procedure:

1. Disconnect all power from the 30-amp shore cord.
2. Turn main battery disconnect "OFF". The disconnect is located at the rear of the coach on the driver's side. See Figures 1A & 1B below.



Figure 1A



Figure 1B

3. Turn the chassis engine off and remove the key from the ignition switch.
4. Remove plastic covering from battery bay by twisting release knobs and pulling up to access compartment, Figure 2.

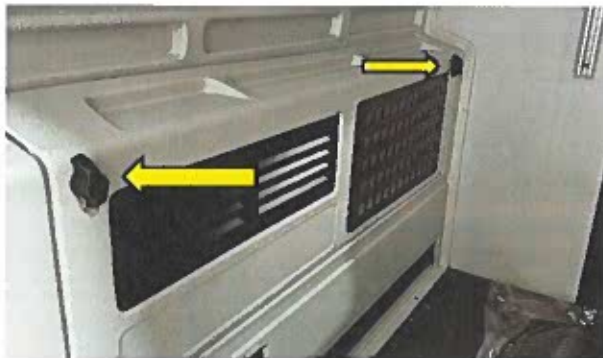


Figure 2

5. Remove plastic cover from alternator fuse. Remove $\frac{1}{2}$ " nut from load side of fuse to release bottom of alternator jumper cable. Keep $\frac{1}{2}$ " nut for installation of new cable. See Figures 3A & 3B.

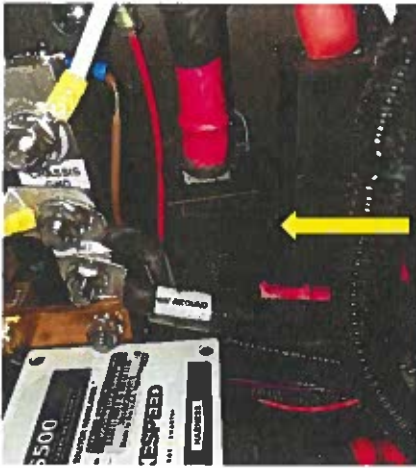


Figure 3A



Figure 3B

6. Remove $\frac{9}{16}$ " nut from buss bar to release top of alternator jumper cable and remove cable from buss bar. See Figure 4.



Figure 4

7. Remove cover of positive battery terminal by removing screw on top of cover. See Figure 5.



Figure 5

8. Install one terminal end of the new alternator jumper cable part 5157970 on load side of alternator fuse. Torque nut to 9 to 11 ft-lbs. See Figure 6.



Figure 6

9. Install the remaining terminal end of the new alternator jumper cable at the positive battery terminal using the 3/8-16 x 3/4" bolt and nut as displayed below in Figure 7. Torque nut to 9 to 11 ft-lbs.

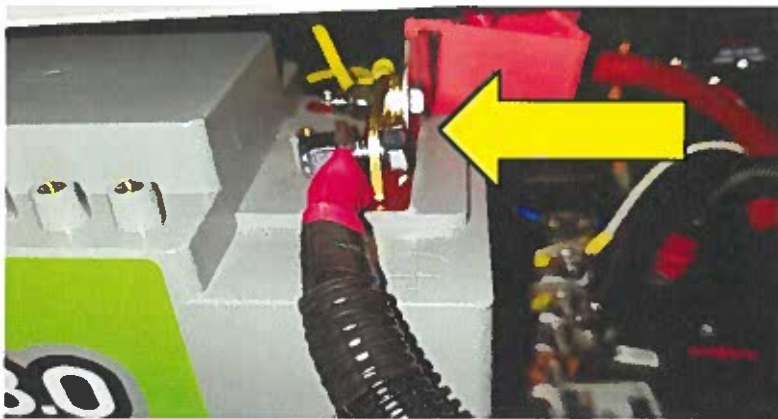


Figure 7

10. Reinstall the positive terminal cover on battery.
11. Reinstall the alternator fuse cover.

12. Remove the top 9/16" nut from the buss bar so that the ring terminal connected to the inline fuse can be removed from the buss bar. Reinstall the nut to the buss bar. Torque nut to 9 to 11 ft-lbs. See Figure 8.

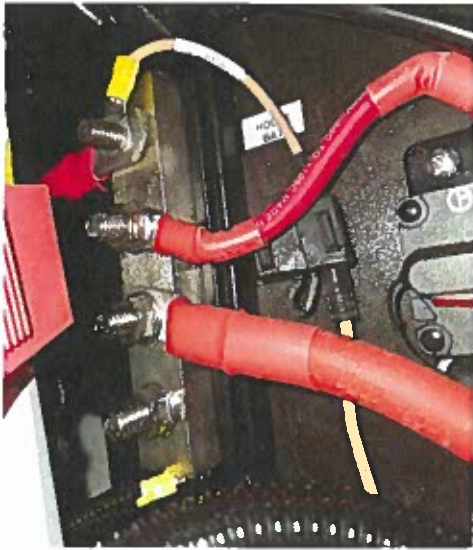


Figure 8

13. Remove the 1/2" nut from the battery terminal fuse holder. Position the ring terminal from the inline fuse on the bolt and reinstall the nut. Torque nut to 9 to 11 ft-lbs. See Figure 9.



Figure 9

14. Reinstall the plastic cover for the battery compartment and return the disconnect switch to the "ON" position.