



## Towed Battery Charger Instructions

- Contents Include:**
- a) Maintainer Control Box with wiring harness.
  - b) 7 Wire Ties
  - c) 2 mounting screws

### **Mounting Control Box:**

1) Find a location near the towed vehicle's battery to mount the box. This location should allow you to easily route the duplex wire to the vehicle battery terminals. Use 2 wire ties to hold the box in place. You can mount the box along the inner fender or elsewhere, using the provided mounting screws



### **Connecting to the towed battery:**

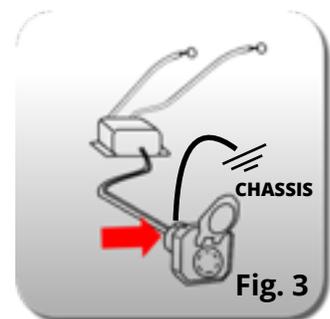
2) In your towed vehicle, remove the nut on the positive battery terminal and place the Red ring terminal over the bolt and then retighten the nut back onto the bolt. Remove the nut on the Negative battery terminal and place the Blue ring terminal over the bolt and then retighten the nut back on to the bolt.



### **Connecting TBC to towed umbilical connector:**

3) Locate the multi-pin connector near the front of your vehicle. Rout the TBC single wire labeled "Motorhome", safely through the engine compartment or fender, to the front of the vehicle, where this connector is located.

4) Identify the positive 12VDC terminal in the multi-pin connector where the wires come into the towed vehicle. Strip the end of the single wire from the TBC, and insert the wire into the multi-pin connector and securely tighten. You may shorten the wire then attach to your connector. You will need to ensure that there is a constant 12VDC supply to this connector routed from your motorhome through your umbilical cord!



5) Inspect for any loose or dangling wire, and secure as necessary with the wire ties provided.

**NOTES:**

- You will need to ensure that there is a contact 12DV supply to the multi-pin connector routed from your motorhome through your umbilical cord. You will also need to ensure that there is a proper ground from the back of the multi-pin connector on your towed vehicle to the towed chassis. (Fig. 3)
- The red LED will illuminate when all connections are correct and if there is a charge coming from your motorhome, this may mean starting the engine of the motorhome. If it is not illuminated, check all terminal connections, the fuse, or the 12 Volt supply from your motorhome.
- Vehicles with rear mounted batteries... consult your owner's manual to find the "jump start lug" and appropriate ground source for completing step 4.

Failure to connect the TBC according to the instructions, may result in damage to your charge circuit or other electronics, in which RVIBrake is not responsible.

**Please contact our customer service department if you have any questions regarding the installation of the Towed Battery Charger or the operation of the RVIBrake Auxiliary Braking System. (800) 815-2159**

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