



Colorado Teardrop Trailers

1780 55th Street • Boulder, CO 80301
(720) 432-6817

Electrical Trouble?

Electrical problems are never fun, but don't worry we've got your back! Here are some troubleshooting ideas you can try to help determine the cause for the problem. If none of these things work, please let us know so we can help diagnose the source!

The Tow Vehicle

Check the wiring and fuses on your tow vehicle. Sometimes an electrical problem can be traced to a loose or burned out wire on the vehicle's 7 pin receiver. Some vehicles have fuses for the electrical system of a towing package. Consult your owners manual or try calling the installers of your vehicle's towing package. Try using a different vehicle. If the problem persists the vehicle may be ruled out.

Electrical Connections

Are all the pins on the vehicle and trailer side of the 7 pin connector clean and free of debris or corrosion? Try cleaning the pins and spraying some sort of electrical connection cleaner and dielectric grease on the pins.

7 Pin wiring

Unscrew the two small phillips head screws on the exterior of the head. Now, the plastic head can slide out of the way to reveal the wiring (Slide the head towards the trailer, it will only go one way). Inspect the wires and pins for signs of corrosion. Give each wire a tug to make sure the connection is tight. If any wires are loose, unscrew the retaining screw on the pin and re-install that wire in the pin, finally tighten the screw again.





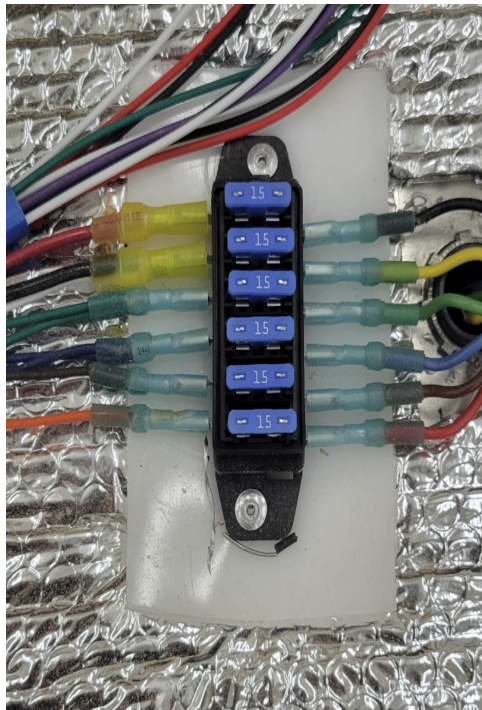
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Fuses in the Teardrop

Check the fuses in your trailer. The fuse box in your teardrop trailer is located Under the floor on the passenger side towards the very front of your cabin.

Mount Massive, Summit, and Summit Pinnacle: The fuse panel is under the lower bunk/ bench. The tools you will need are a T-25 construction bit (very common in most hardware stores) and some sort of driver: impact, drill, or manual. There are four T-25 construction screws that hold this lid on. Simply remove them and pull the lid off.



Canyonland and Canyonland Pinnacle:

The fuse panel is located underneath the mattress on the front passenger side. The tools you will need are a T-25 construction bit (very common in most hardware stores) and some sort of driver: impact, drill, or manual. There are four T-25 construction screws that hold this lid on. Simply remove them and pull the lid off.

Basedrop:

The fuse panel is located under the $\frac{3}{4}$ " plywood floor panels. The tools you will need are a T-10 or T-15 bit (depending on model year), a driver of some sort, and a prying tool: flathead screwdriver, chisel or pry tool. Remove the front/ passenger side panel(s) screws using the correct size bit and driver. Use the pry tool to wedge the individual floorboards up and out.

What To Look For:

Remove the clear plastic lid from the fuse box and inspect all 6 fuses. A loose, broken, or burned out fuse(s) can be the source of the issue. Hold the fuse up to a light to get a better look at the arc. If it appears to be burned through or burning through, it should be replaced. All 6 fuses are 15A and can be sourced at most auto parts stores or online.



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Deutsch Connector

This wire harness connects the rest of the trailer's wiring to the galley door. To unplug it, apply some pressure to the small retainer tab and pull the connectors apart. Inspect the connector on the trailer side, look for mis-aligned or damaged pins. Inspect the connector on the galley door side, look for damage on and around the orange rubber grommet. Also, be sure that this connector is clean and free of any debris or corrosion. If all six pins are installed properly and the receiving connector is in good condition, re-connect the plug. When doing so, please make sure it fully connects and is secure.

