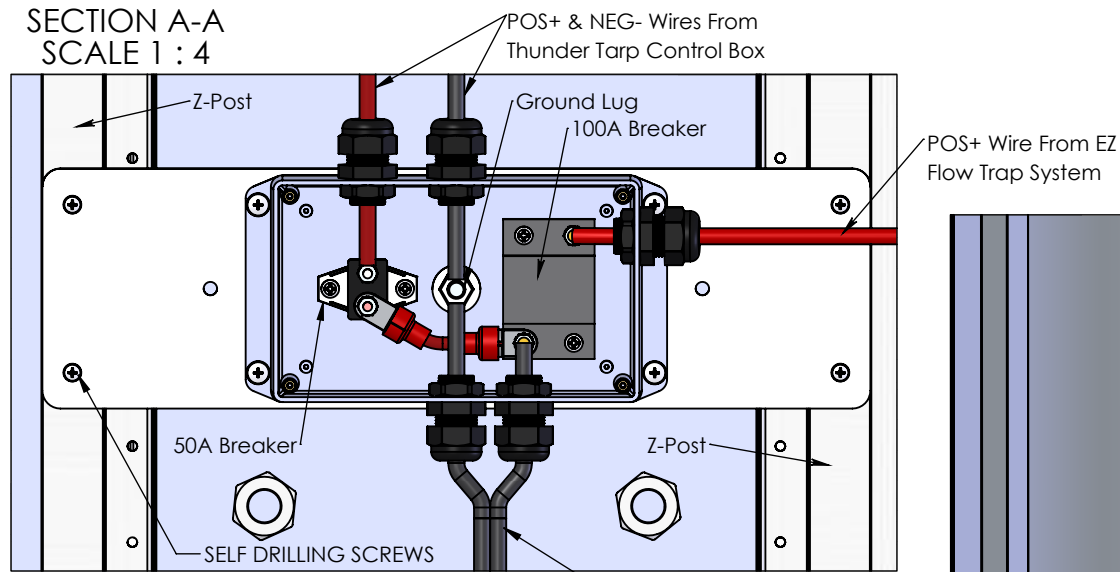
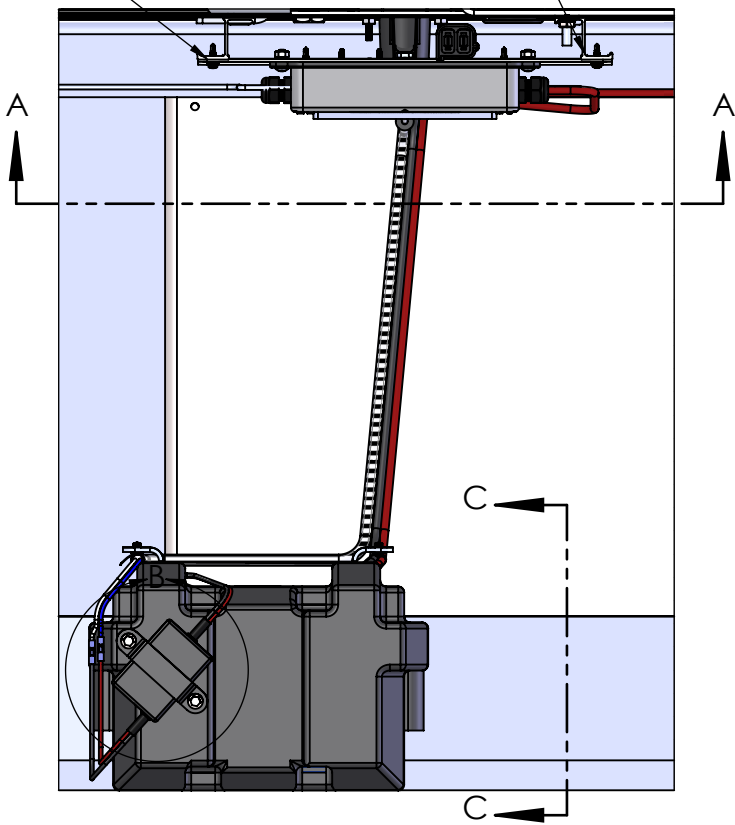


SECTION A-A  
SCALE 1 : 4

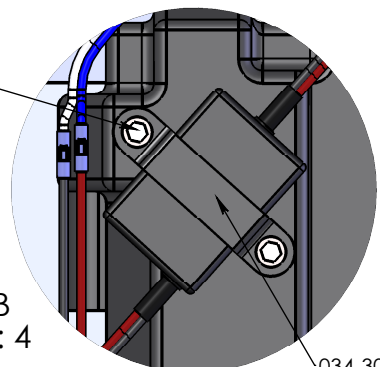


CLEAN BETWEEN THE MOUNTING PLATE AND THE Z-POST



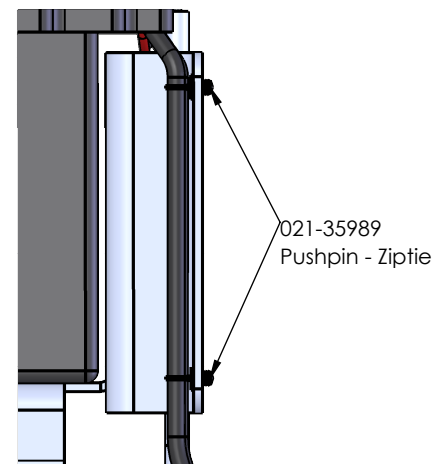
032-01282  
032-01368  
032-01402

DETAIL B  
SCALE 1 : 4

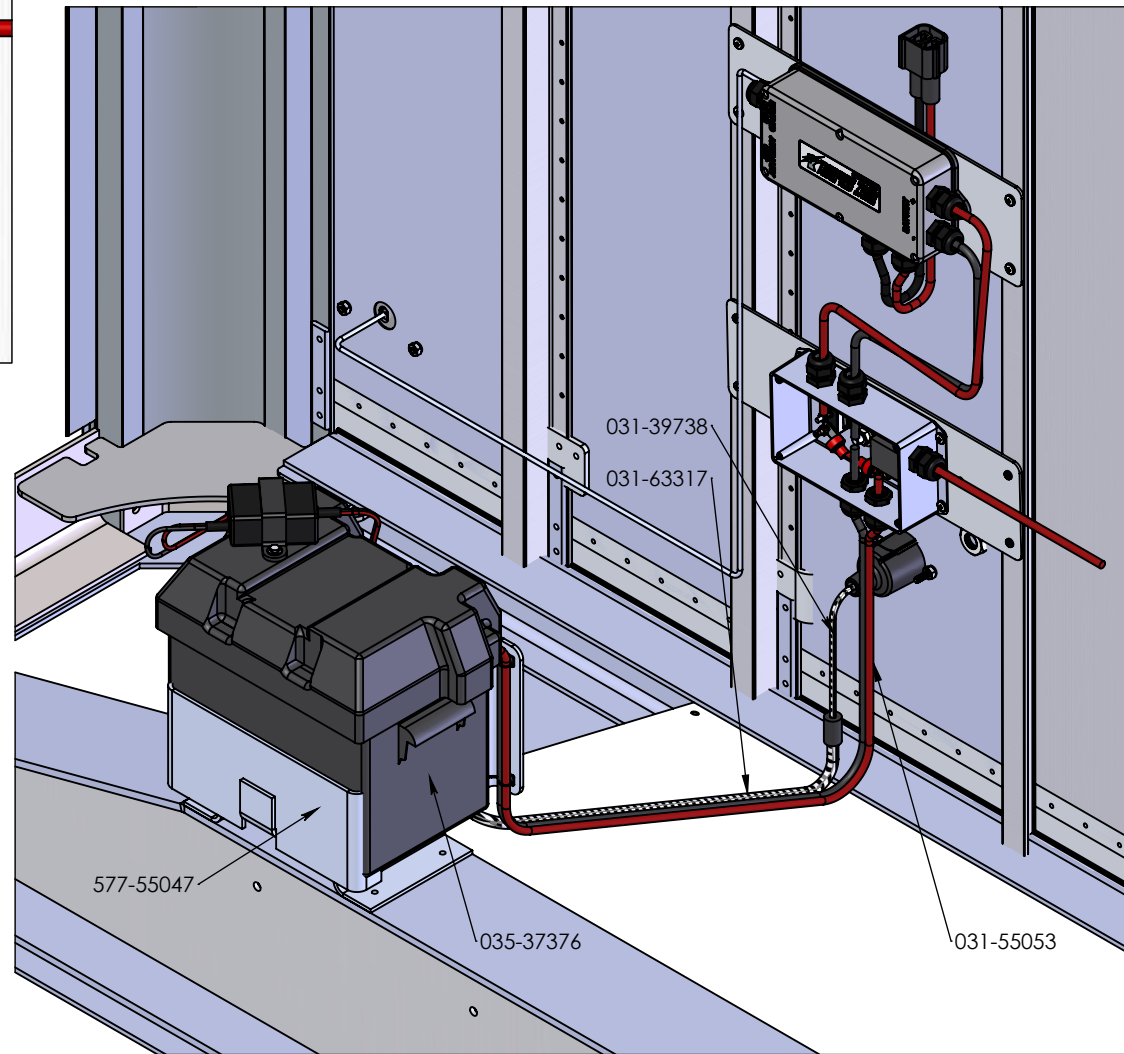


034-301505

SECTION C-C  
SCALE 1 : 4



INSTALLATION INSTRUCTIONS FOR TRICKLE CHARGER FROM 7-WAY OPTION 92013



**Mounting - Junction Box**

1. Choose a location inside the nose of the trailer between two Z-posts below the electric tarp control box close to the power receptacle so that all wires can reach the junction box.
2. Clean posts with a wire brush where plate will be installed.
3. Clamp the plate to the z-posts using vice grip pliers or clamp to hold in place.
4. Use four provided self-tapping screws to attach the mounting plate to the z-posts.

**Wiring - Junction Box**

1. Slide the POS+ & NEG- electric tarp power wires into the top two strain reliefs on the junction box.
2. If not already done, strip back 3/8"- 1/2" insulation on the POS+ and NEG- wires from the tarp control box and install the provided 3/8" lug onto the NEG- side & 1/4" lug onto the POS+ using wire crimpers. Apply the provided heat shrink to the connectors using a heat gun or torch.
3. Repeat step 2 with provided 1/4" lug for the POS+ wire from the EZ Flow trap system.
4. Install the 031-55053 6ga dual conductor wire assembly w/ eyelets into the bottom strain reliefs on the junction box. Secure the red POS+ wire to 100A breaker and black NEG- wire to the ground lug. Attach wire assembly to battery bracket mount using pushpin zipties for support as shown.
5. Secure the EZ-Flow power wire to the 100A breaker, electric tarp power wire to the 50A breaker & ground wire to the ground lug as shown and apply dielectric grease to all connections.
6. Tighten the compression fittings around the wires to hold them in place.
7. Install the junction box lid with the supplied screws.

**Mounting - Battery Box Bracket**

1. Using provided self tapping screws, mount the battery box bracket to the crossmember assembly as shown.
2. Slide plastic battery box w/ mounting straps into place.
3. Position and insert the 12V deep cycle battery into the battery box.

**Mounting - Trickle Charger to Box Lid**

1. Using the trickle charger hold down bracket as a guide, drill (2) 9/32" holes into the battery box lid in position as shown.
2. Install trickle charger w/ hold down bracket using the provided fasteners to the battery box lid.

**Wiring - Trickle Charger to 7-Way Plug**

1. Install wire harness assembly, 031-39738, into 7-way receptical.
2. Install provided spade connectors to the blue & white wire from 7 way harness, 031-63317, using wire crimpers.
3. Install provided spade connectors to the input side wires of trickle charger using wire crimpers.
4. Connect trickle charger to harness, male to female spade connectors, blue wire to red wire, white wire to black wire.
5. Attach wire harness, 031-63317, using push pin zip ties to the battery box bracket for support. Then insert plug into trailer 7-way harness, 031-39738.

**Wiring - Trickle Charger to Battery**

1. Attach wire assembly, 031-55053, to threaded battery posts, Red wire to POS+ Black wire to NEG-.
2. Install provided 3/8" 14ga ring terminals to the black & red output wires from the trickle charger using wire crimpers.
3. Attach trickle charger output wires w/ ring terminals to the threaded battery posts, Red wire to POS+ & Black wire to NEG-. Install battery post hold down nuts and tighten. Apply dielectric grease liberally to the battery posts.
4. Install battery box lid and secure with provided mounting straps.

DRWN BY: RHB  
DATE DRWN: 8/11/21

For questions contact Timpete Engineering

DWG. NO. 011-63575

REV:

ORIGINAL