

ACC2 StrongBox® Pedestal Assembly Instructions



Instructions for installing the Hunter ACC2 Controller into the StrongBox SB-16SS Stainless Steel Pedestal

Kits Required

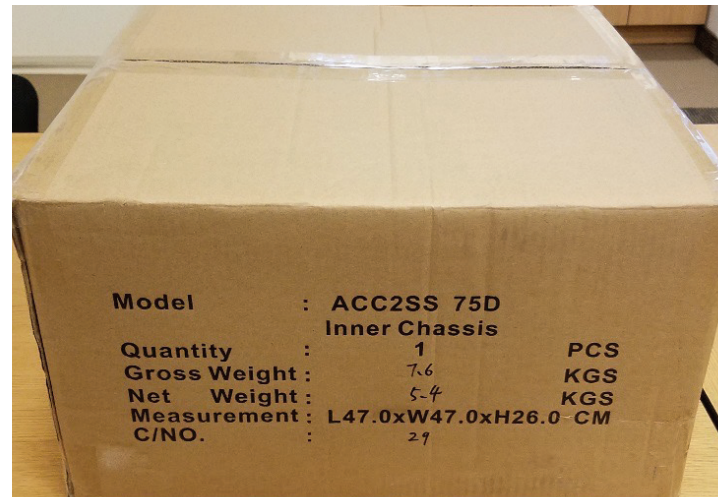
Hunter

- **Hunter P/N A2C1200SBKIT** (12-station conventional controller kit, includes facepack, inner panel and accessories kit including SmartPort®)
 - Hunter P/N A2M-600 (6-station output module, ACC2; 1 module for each additional 6 stations needed)
- **Hunter P/N A2C75DSBKIT** (75-station decoder controller kit, includes facepack, inner panel, and accessories kit including SmartPort)
 - Hunter P/N A2C-D75 (75-station decoder expansion module; 1 module for each additional 75 stations needed)

StrongBox

- P/N “SB-16SS” (Stainless steel pedestal): If the StrongBox cabinet is needed
- P/N “OPHUNACC2” (Inner panel kit): if ONLY the controller/electronics are being replaced

Unboxing the Hunter ACC2 inner chassis subassembly (ACC2 Decoder model shown)



Unboxing Bag Contents

- Fig. 1: Bag of hardware and User Guides, which includes the following:
 - Fig. 2: Screws 8-32 x 1" (qty: 2)
 - Fig. 3: Cable tie mount (qty: 1)
 - Fig. 4: Smartport with extended cable (qty: 1)
 - Fig. 4a: Plastic nut for SmartPort (may already be attached to SmartPort)
 - Fig. 5: Extended length RJ11 Reversed 6-Wire (qty: 1)
 - Fig. 6: Euro block (qty: 1)
 - Fig. 7: Wire nuts (qty: 4)
 - Fig. 8: ACC2 Controller programming instructions (qty: 1)
 - Fig. 9: ACC2 Installation Guide (qty: 1), Decoder version shown
 - Fig. 10: ACC2 Quick Start Guide (qty: 1), Decoder version shown
 - Fig. 11: Isopropyl alcohol wipe (qty: 1)
 - Fig. 12: Hunter #2 Phillips head screwdriver (qty: 1)
- Plus: Hunter ACC2 inner chassis to StrongBox pedestal assembly instructions

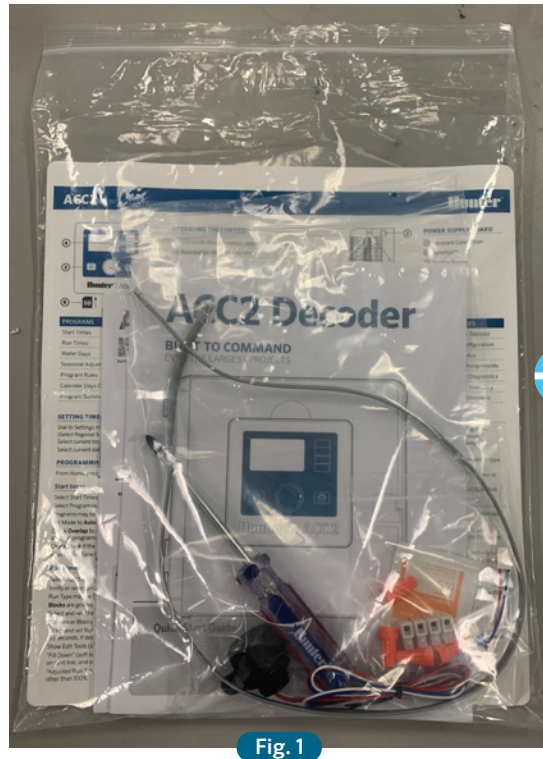


Fig. 1



Fig. 2



Fig. 3



Fig. 4

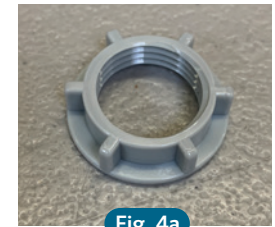


Fig. 4a



Fig. 5

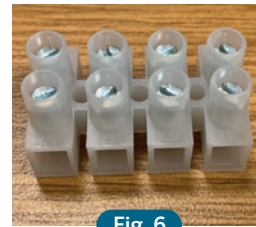


Fig. 6



Fig. 7

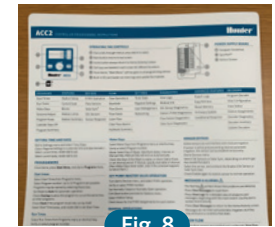


Fig. 8



Fig. 9

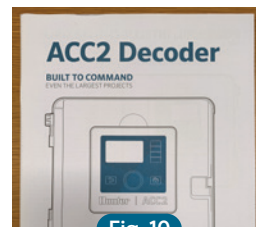


Fig. 10

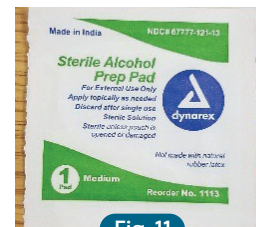


Fig. 11



Fig. 12

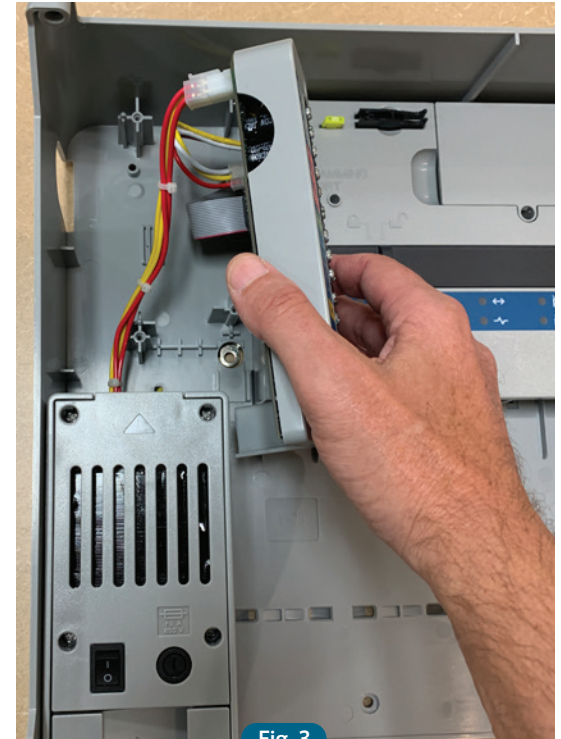
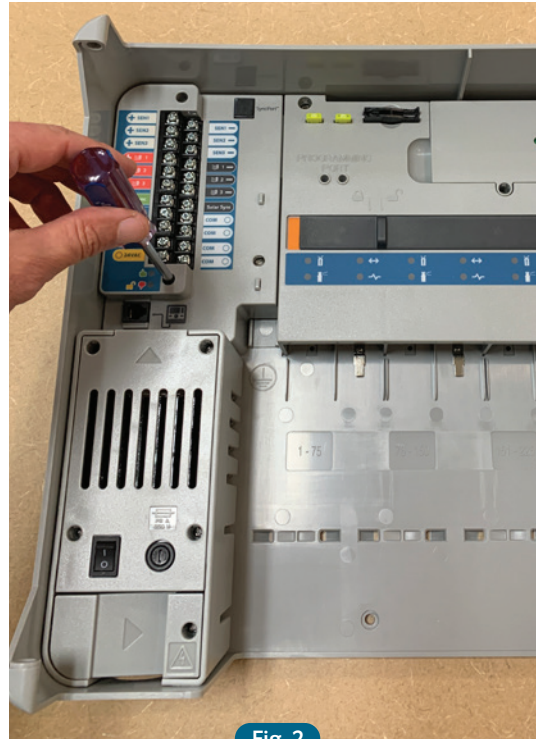
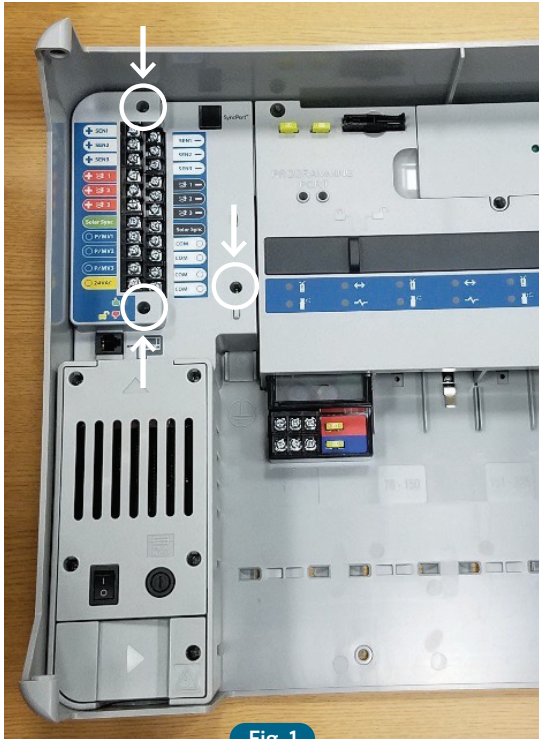
Tools Required

- 11 mm socket wrench
- 14 mm socket wrench
- #2 Phillips head screwdriver

Assembly

Disassembling the Hunter ACC2 inner chassis: Power supply assembly (Decoder version shown)

- Step 1:** Loosen the captive screws (qty: 3) using #2 Phillips head screwdriver (Fig. 1 & 2).
- Step 2:** Pull the power supply assembly off and disconnect all three connectors (Fig. 3).



Assembly

Disassembling the Hunter ACC2 inner chassis: Deck assembly (Decoder version shown)

Step 1: Remove output module by sliding the slidelock from the locked to the unlocked position, then pulling the module out (Fig. 1).

Step 2: Loosen the deck assembly captive screws (qty: 2) using #2 Phillips head screwdriver (Fig. 2).

Step 3: Remove the deck assembly by tilting up as shown and pulling out (Fig. 3).



Fig. 1

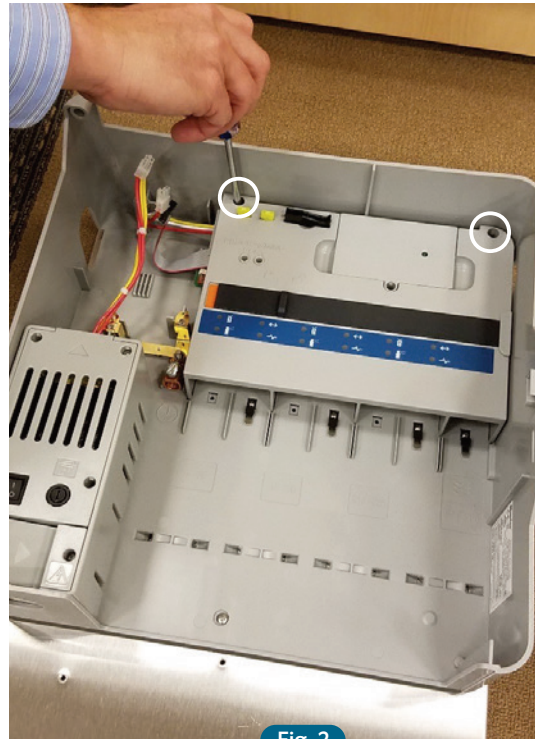


Fig. 2

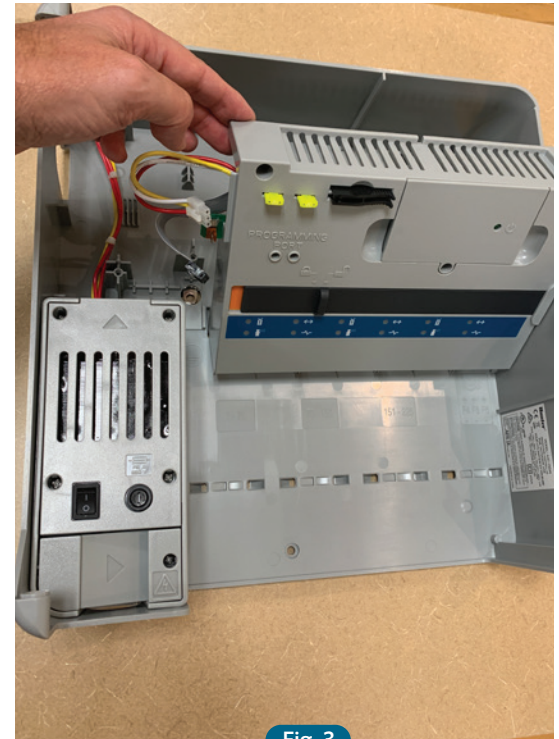


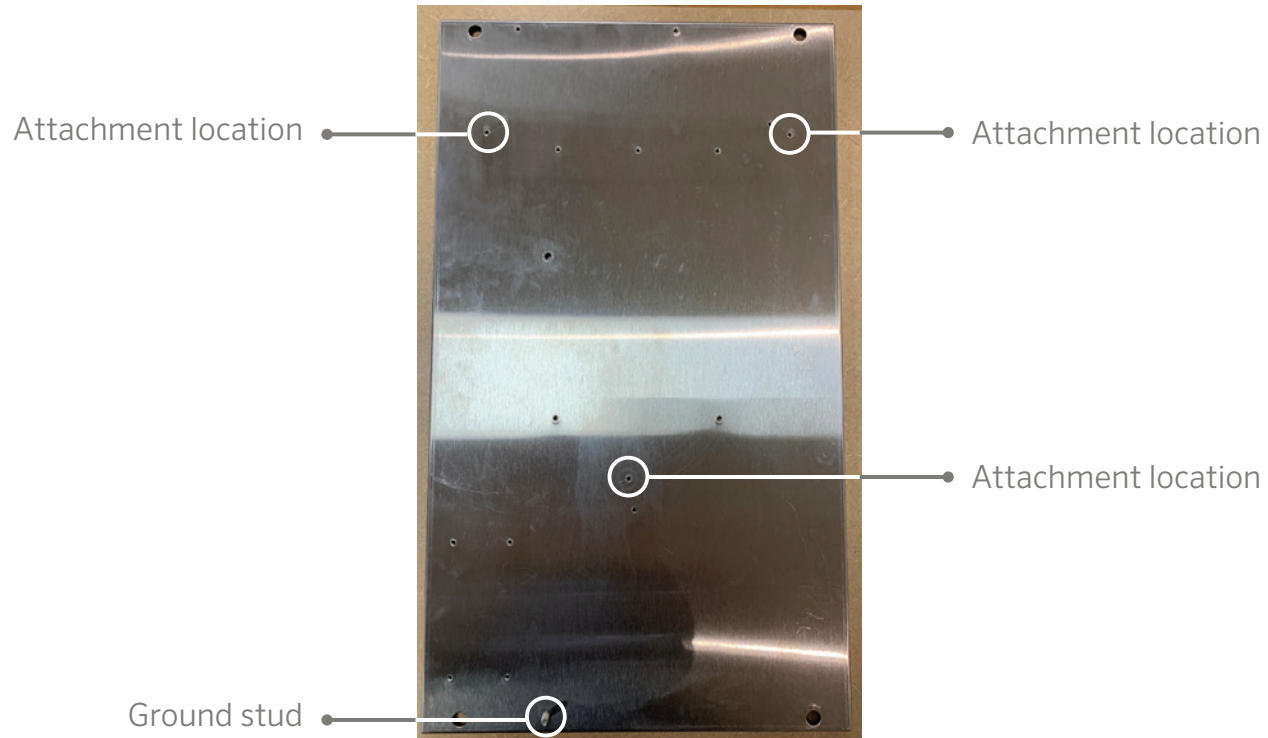
Fig. 3

Assembly

Assembling the Hunter ACC2 inner chassis assembly to the StrongBox inner panel

- Orient the StrongBox inner panel as shown with the ground stud at the bottom.

Note the three locations for installing the screws that attach the Hunter ACC2 inner chassis to the StrongBox inner panel.



Assembly

Assembling the Hunter ACC2 inner chassis assembly to the StrongBox inner panel

Step 1: Install the 8-32 X 1 screws (qty: 3) in the locations shown using #2 Phillips head screwdriver (Fig. 1 & 2).

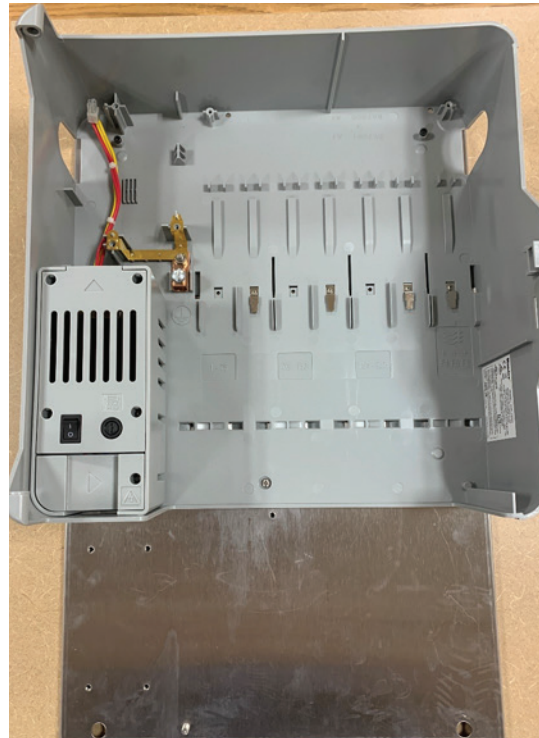
- Only cinch down
- Do not overtighten



Assembly

Assembling the Hunter inner chassis assembly to the StrongBox inner panel

- Installation of the Hunter ACC2 inner chassis to the StrongBox inner panel



Reassembly of Hunter Inner Chassis Assembly

Assembly

Reassembling the Hunter ACC2 inner chassis assembly: Deck assembly (Decoder version shown)

Step 1: Install the deck assembly by inserting the lower hooks and tilting back (Fig. 1).

- Make sure both cables on the left side are outside of the deck assembly.

Step 2: Tighten the captive screws (qty: 2) using #2 Phillips head screwdriver (Fig. 2).

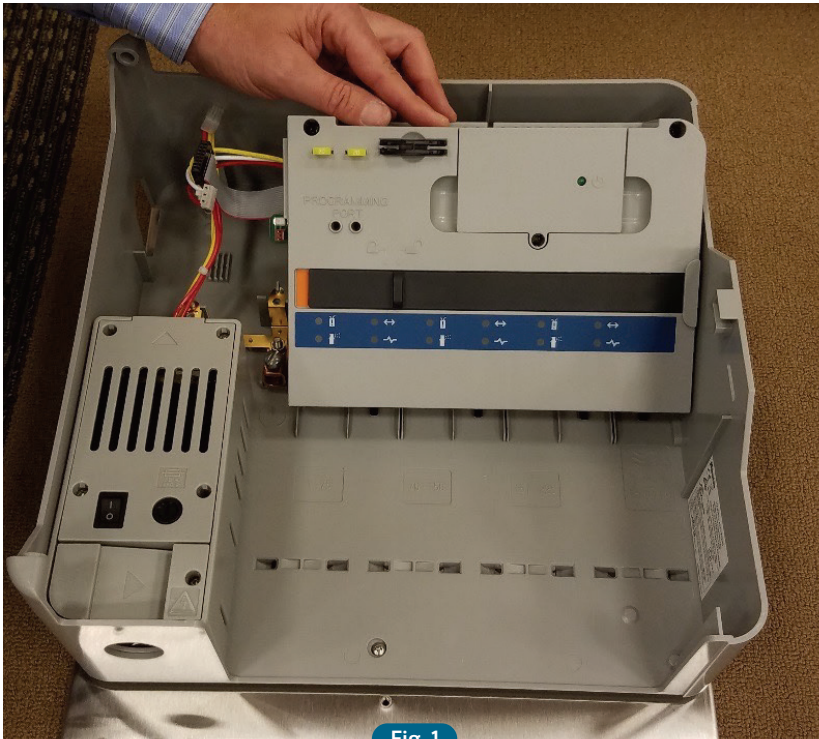


Fig. 1

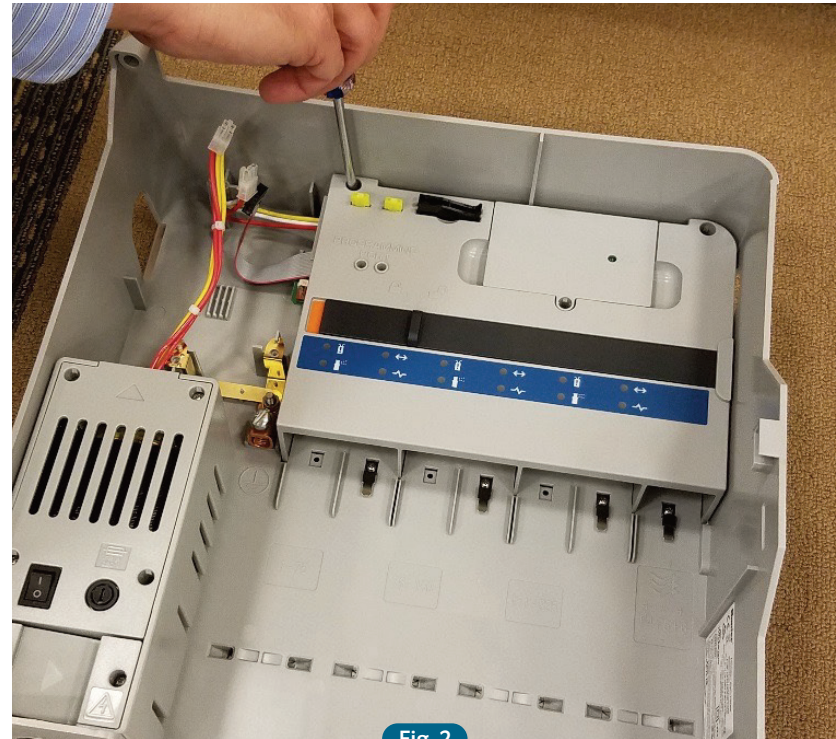


Fig. 2

Optional Assembly

Installing the SmartPort adapter

Note: If installing a Hunter supplied SmartPort adapter, use the following instructions. If not, skip to page 14.

- Fig. 1: Hunter supplied SmartPort adapter
- Fig. 2: StrongBox supplied SmartPort sheet metal bracket and hardware

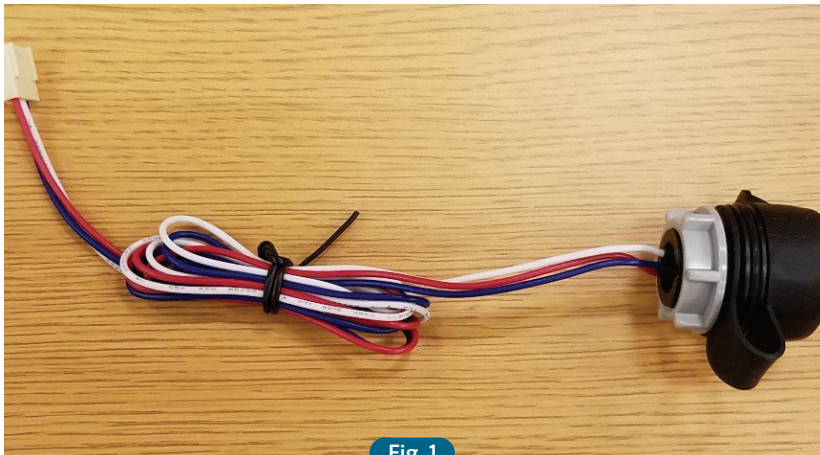


Fig. 1

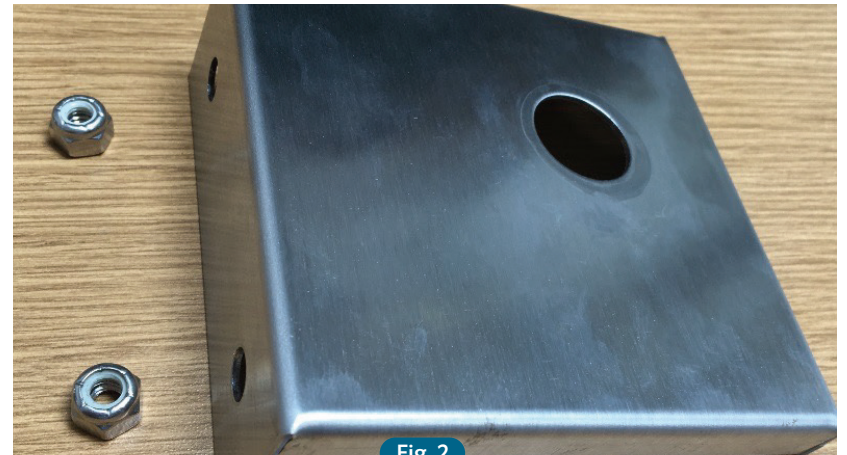


Fig. 2

Optional Assembly

Installing the SmartPort adapter

Step 1: Install the Hunter SmartPort adapter onto the sheet metal bracket, as shown (Fig. 1).

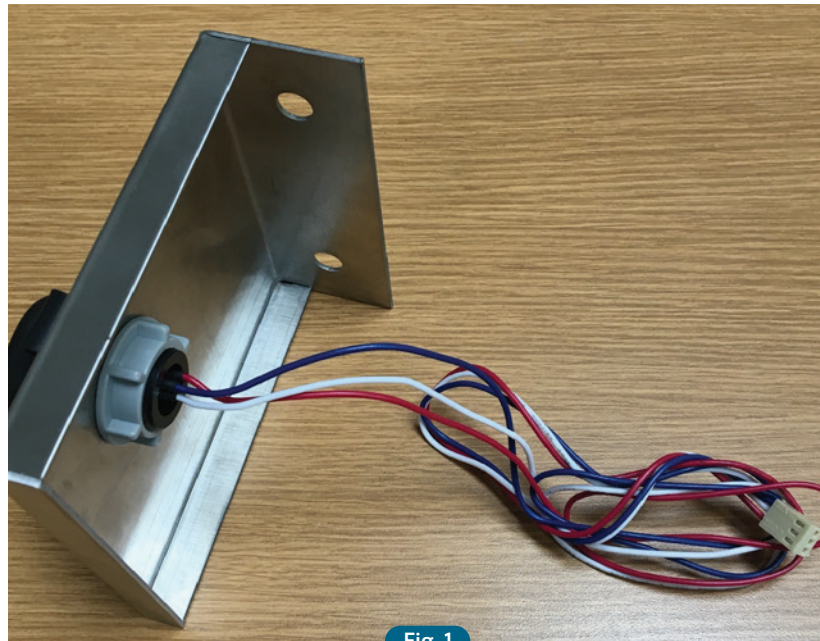


Fig. 1

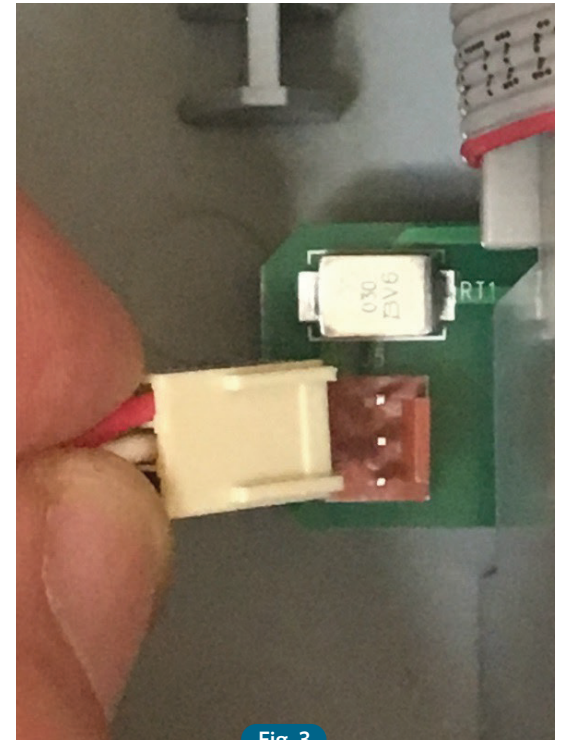
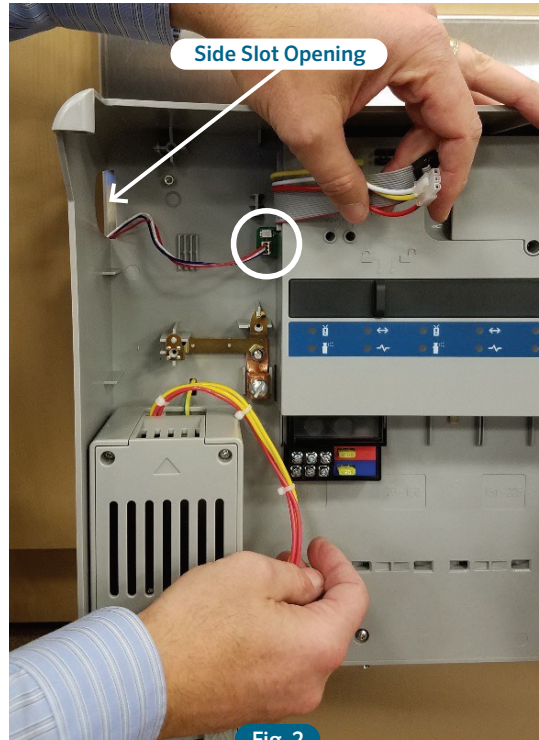
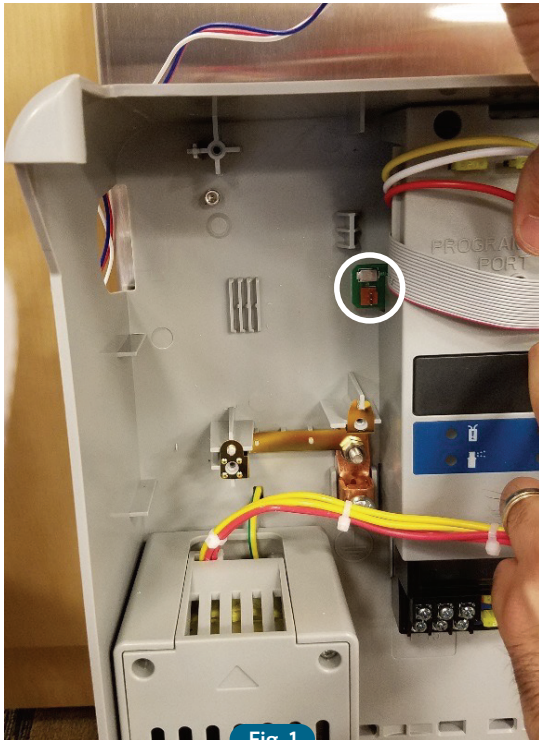
Optional Assembly

Installing the SmartPort adapter

- Fig. 1: Location for the SmartPort adapter connection

Step 1: Using the side slot opening of the inner chassis, route the SmartPort cable and install the SmartPort adapter connector to the small three-pin connector mounted on the circuit board on the deck assembly, as shown (Fig. 2).

Step 2: Make sure the small ribs on the SmartPort adapter connector face to the right when connecting with the mating connector (Fig. 3).



Assembly

Reassembling the Hunter ACC2 inner chassis assembly: Power supply assembly (Decoder version shown)

Step 1: Reconnect the two cables from the deck assembly (Fig. 1).

Step 2: Reconnect the cable from the junction box assembly (Fig. 2).

Step 3: Reinstall the power supply assembly being careful not to pinch any of the cables.

Power supply assembly should sit flush. Tighten the captive screws (qty: 3) using #2 Phillips head screwdriver (Fig. 3).



Fig. 1



Fig. 2

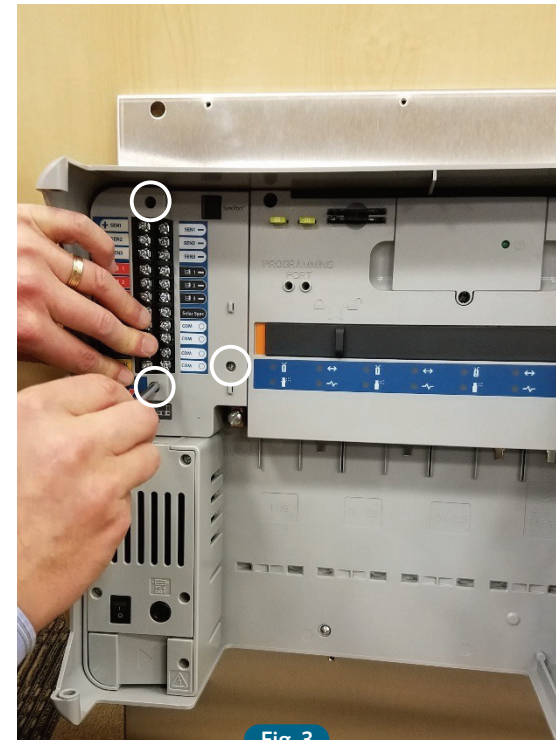


Fig. 3

Assembly

Reassembling the Hunter ACC2 inner chassis assembly: Output module (Decoder version shown)

Step 1: Make sure the slidlock is in the UNLOCKED position (slide to the right). Install the output module into the deck assembly (Fig. 1).

Step 1: Slide the slidlock to the left to the LOCKED position (Fig. 2).

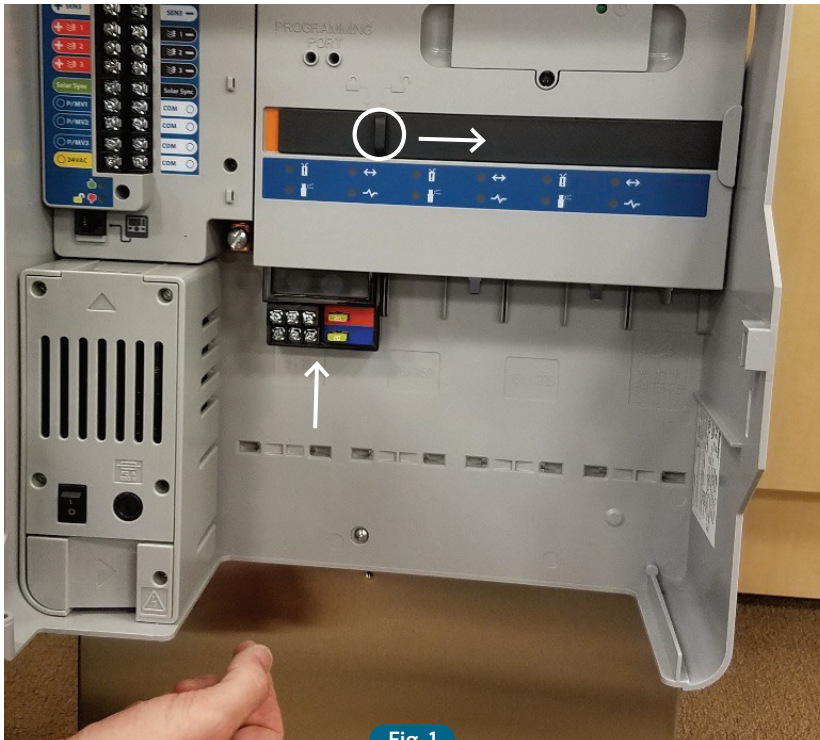


Fig. 1

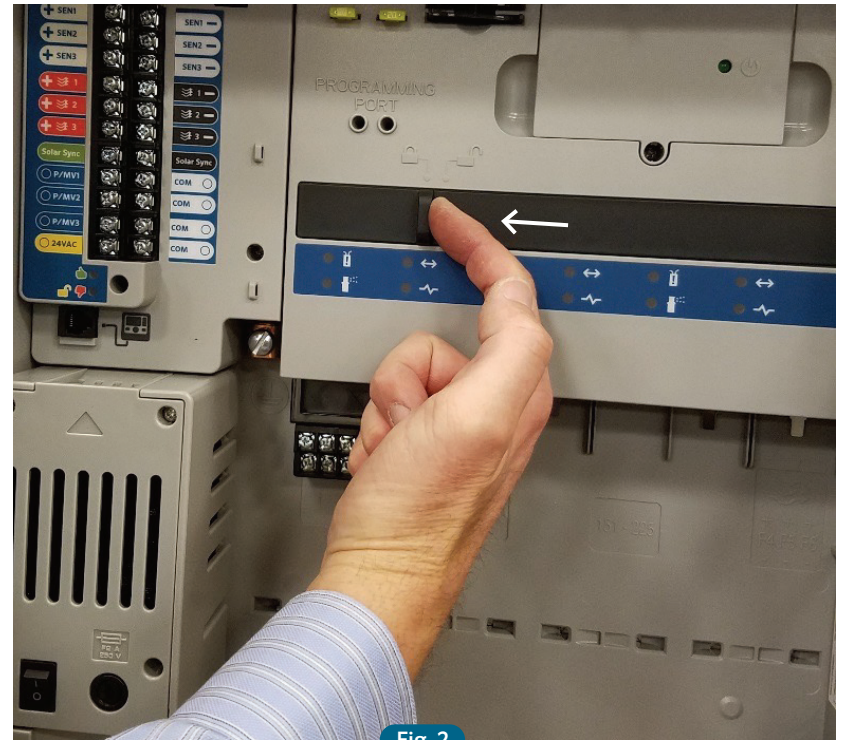


Fig. 2

Assembly

Assembling the StrongBox supplied support bracket to the inner panel

- Fig. 1: StrongBox supplied support bracket with 4 mounting screws

Step 1: Locate support bracket as shown and install screws. Push up tight against the Hunter inner chassis and tighten screws using #2 Phillips head screwdriver (Fig. 2).



Assembly

Disassembling the StrongBox pedestal

Step 1: Open the StrongBox Pedestal top door and remove the front door (Fig. 1).

Step 2: Remove the nuts and washers (qty: 4) using a 14 mm socket (Fig. 2 & 3).



Fig. 1



Fig. 2



Fig. 3

Assembly

Installing the inner panel assembly

Step 1: Install through the front opening with the right side angled in first, as shown (Fig. 1).

Step 2: Once inside, rotate Inner panel assembly so that it's flush with the back wall. Be patient, there are many areas where the panel can get hung up, but it does fit in (Fig. 2).

Step 3: Hang the inner panel assembly on the four studs on the back wall. Reinstall the four sets of hardware using a 14 mm socket: flat washer, hex nut (Fig. 3).



Fig. 1



Fig. 2



Fig. 3

Assembly

Installing the facepack adapter panel

Step 1: Remove the supplied screws (qty: 4) using #2 Phillips head screwdriver (Fig. 1 & 2).

Step 2: Install the facepack adapter panel (Fig. 3).

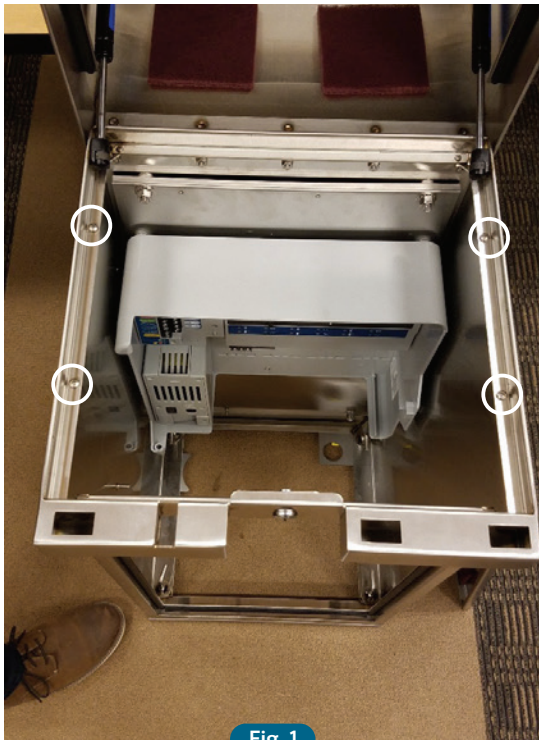


Fig. 1



Fig. 2

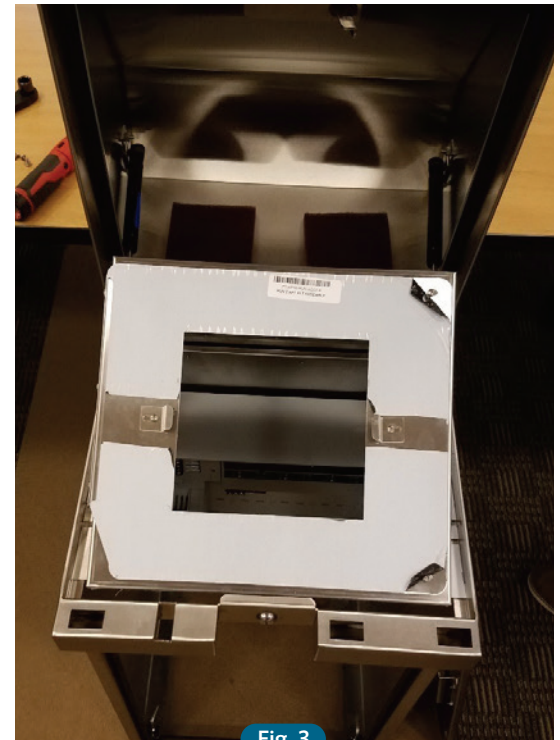


Fig. 3

Assembly

Installing the facepack adapter panel

Step 1: Position the facepack adapter panel using the slots shown below (Fig. 1).

Step 2: Reinstall the screws (qty: 4) using #2 Phillips head screwdriver (Fig. 2).



Fig. 1



Fig. 2

Assembly

Installing the facepack assembly

Step 1: Loosen the screws for the facepack assembly hold-down brackets (qty: 2) using #2 Phillips head screwdriver (Fig. 1).

Step 2: Install the longer RJ11 Reversed 6-Wire assembly into the RJ connector located on the bottom edge of the facepack assembly (Fig. 2).

Step 3: Route the I/O cable assembly through the facepack adapter panel, as shown (Fig. 3).

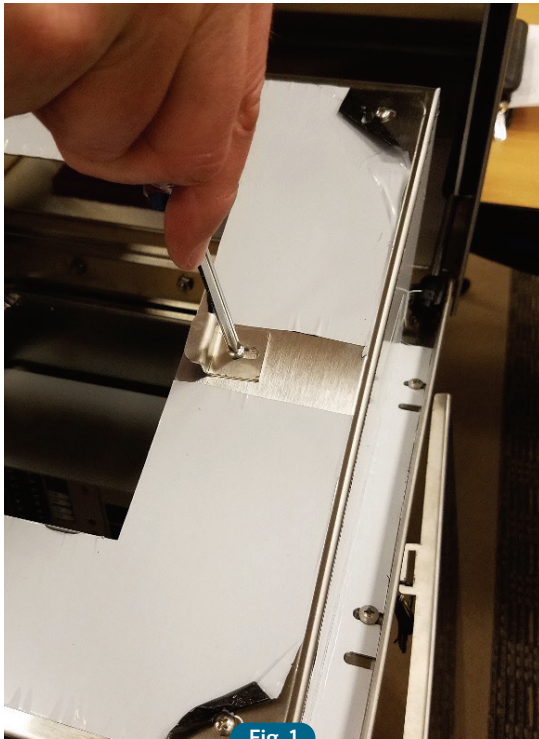


Fig. 1



Fig. 2

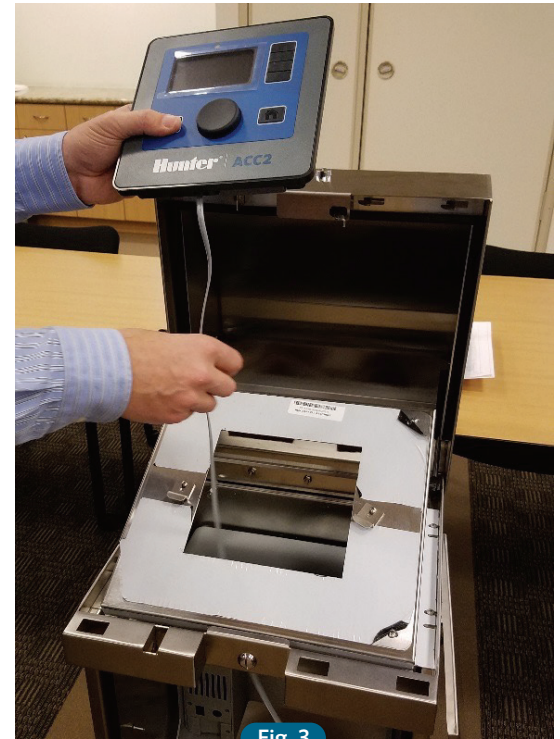


Fig. 3

Assembly

Installing the facepack assembly

Step 1: Position the facepack assembly hold-down brackets up against the facepack assembly and tighten screws (qty: 2) using #2 Phillips head screwdriver (Fig. 1).

Step 2: Remove the facepack adapter panel screws (qty: 2), as shown, using #2 Phillips head screwdriver (Fig. 2).

Step 3: Make sure the panel door swings open properly (Fig. 3).



Fig. 1



Fig. 2



Fig. 3

Assembly

Installing the facepack assembly

Step 1: Install the I/O cable RJ connector into the power supply assembly jack, as shown (Fig. 1).

- Fig. 2: Supplied cleaning pad and cable tie mount

Step 2: Using the supplied cleaning pad, clean the approximate area shown (Fig. 3).

Step 3: Once dry, install the supplied cable tie mount to side wall and install the I/O cable assembly as shown (Fig. 4).

Note: Open and close the panel door to ensure the cable does not get pinched between the panel door and adapter. If so, readjust the location of the cable within the cable tie mount.



Fig. 1

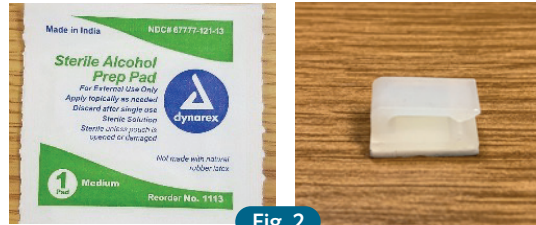


Fig. 2



Fig. 3

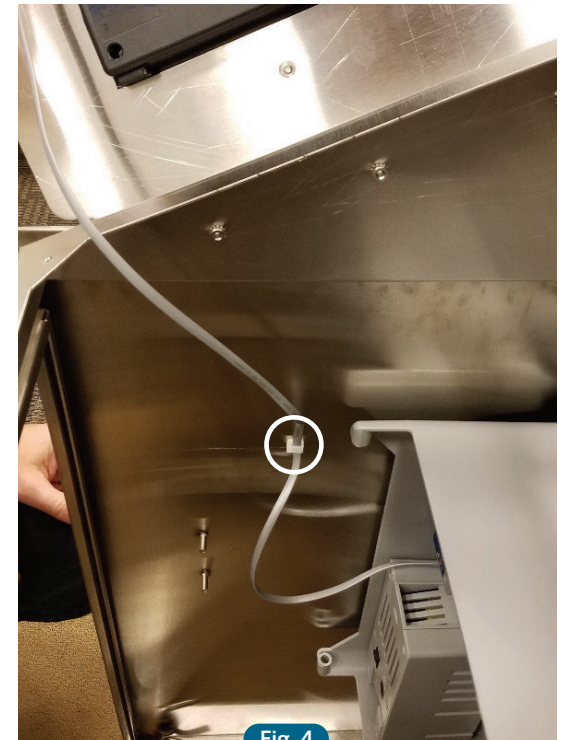


Fig. 4

Optional Assembly

Installing the SmartPort adapter

Note: If you installed the Hunter SmartPort Adapter, then use the following instructions. If not, skip to page 25.

Step 1: Install the SmartPort bracket on to the two studs, inside, left wall of the StrongBox pedestal, using the supplied socket (Fig. 1).

Step 2: Insert the SmartPort wires into the cable tie mount, as shown (Fig. 2).

Step 3: Insert the facepack I/O cable into the cable tie mount, as shown (Fig. 3).

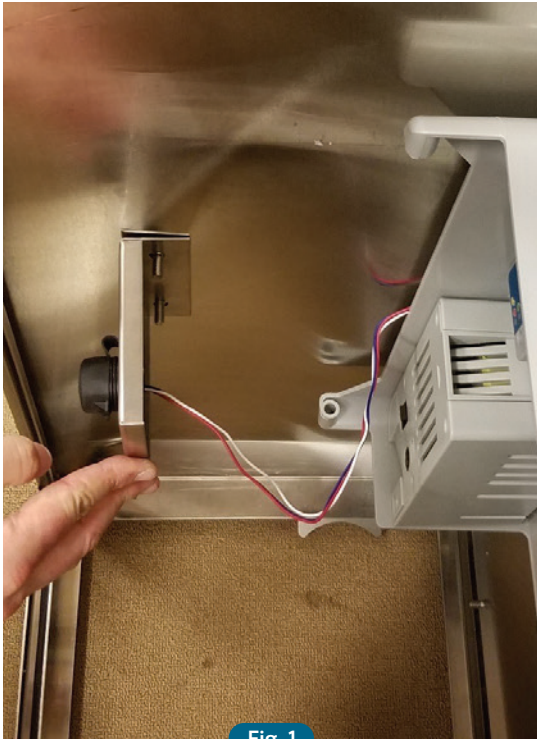


Fig. 1

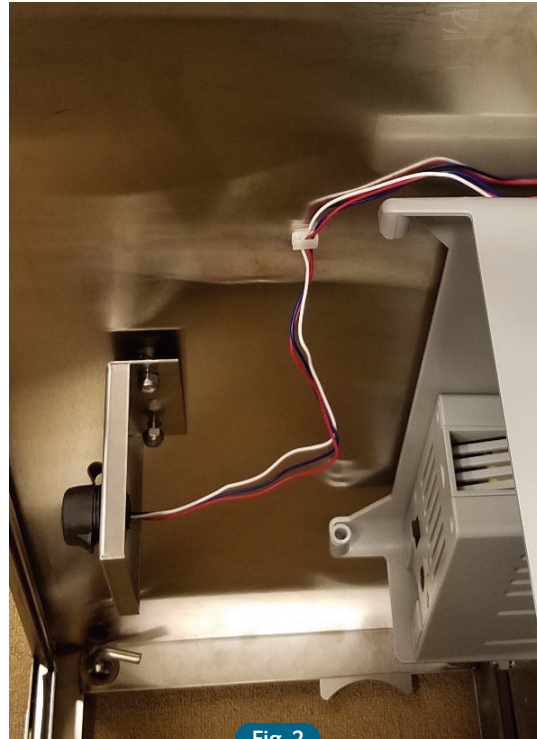


Fig. 2



Fig. 3

Assembly

Assembling the final components

Step 1: Reinstall the facepack adapter panel screws (qty: 2) using #2 Phillips head screwdriver (Fig. 1).

Step 2: Reinstall the front pedestal door (Fig. 2).

Step 3: Lower the top door (Fig. 3).



Fig. 1



Fig. 2



Fig. 3

Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.



Gregory R. Hunter, CEO of Hunter Industries



Gene Smith, President, Landscape Irrigation and Outdoor Lighting

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