

**ACC2 - StrongBox
Assembly Instructions
(2/27/18)**

Hunter[®]

S **STRONG** **B** **BOX[®]**

Unboxing - StrongBox Pedestal



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StrongBox-supplied
Hunter inner panel
(PN BB-16SS-HUN2)

StrongBox-supplied Hunter
facepack adapter panel
(PN PT-AP16-HUN-ACC2)

Unboxing - Hunter ACC2 Inner Chassis Subassembly (Decoder Version Shown)



Tools Required

- 10 mm socket wrench
- 10 mm combination wrench
- 11 mm socket wrench
- 14 mm socket wrench
- #2 Phillips head screwdriver
- 3/16" drill bit and drill

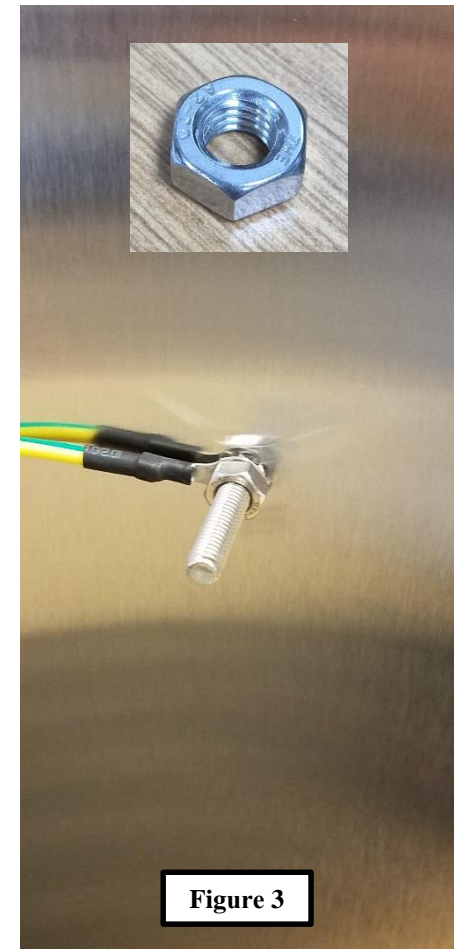
Inner Panel – Ground Screw Assembly

- Figure 1 – From the back side of the StrongBox-supplied Hunter inner panel (PN BB-16SS-HUN2), locate the through-hole (the only hole without an insert) and install the M6 x 30 ground screw (qty: 1).
- From the front side:
 - Figure 2 – Place the star washer over the screw.
 - Figure 3 – Orient the ground cable to the left, as shown.



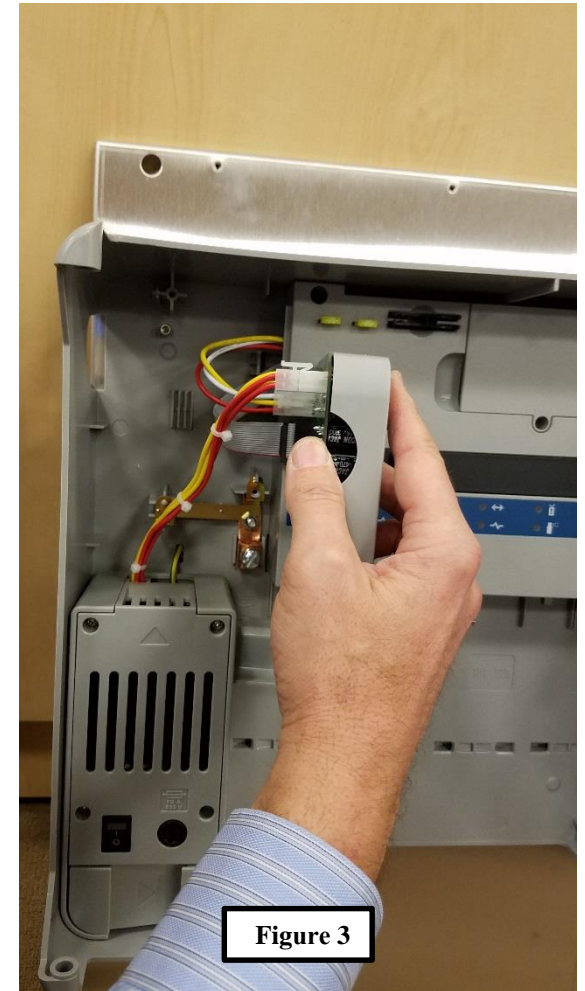
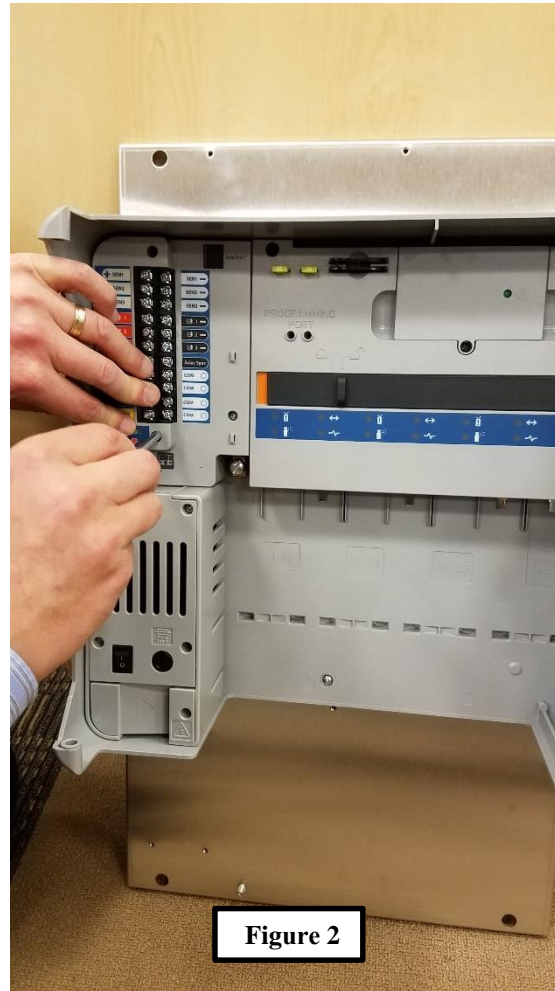
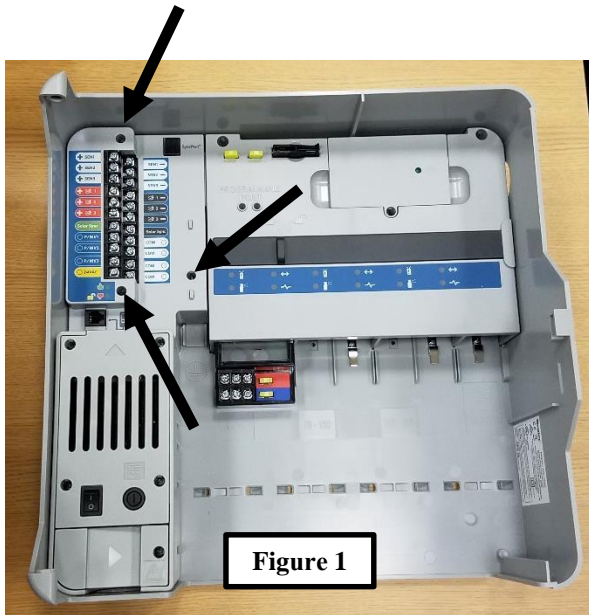
Inner Panel – Ground Screw Assembly

- Figures 1 & 2 – Note that the flat side of the eyelet heat-shrink is mounted toward the inner panel.
- Figure 3 – Finish by installing the hex nut.



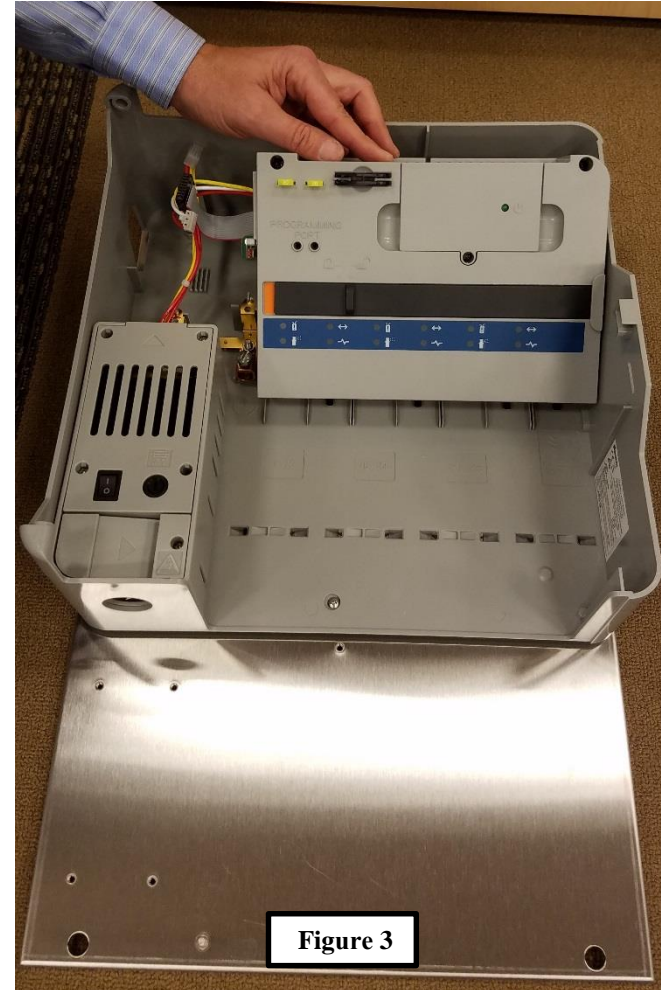
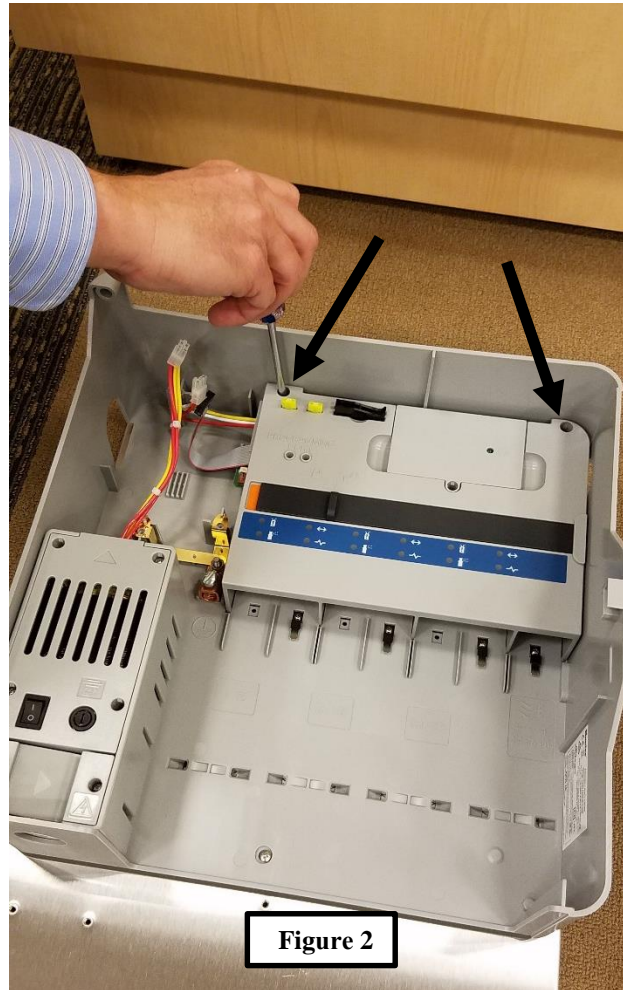
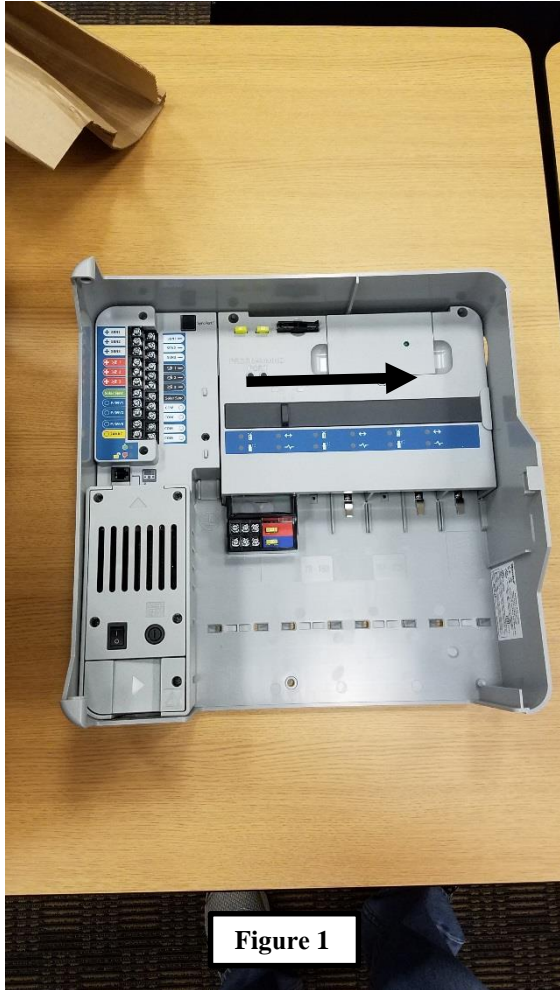
Disassembling the Hunter ACC2 – Power Supply Assembly (Decoder Version Shown)

- Figures 1 & 2 – Loosen the captive screws (qty: 3).
- Figure 3 – Pull off the power supply assembly and disconnect all three connectors.



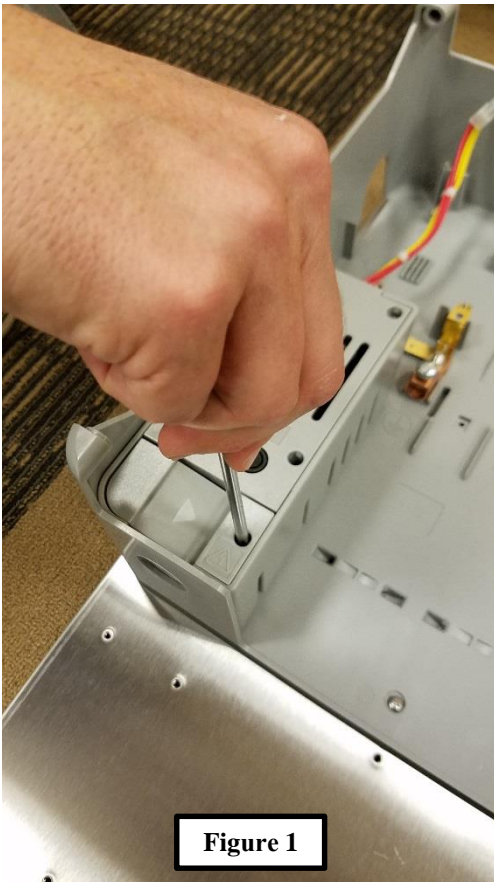
Disassembling the Hunter ACC2 - Deck Assembly (Decoder Version Shown)

- Figure 1 - To remove the output module, slide the slidelock from the locked to the unlocked position. Then, pull out the module.
- Figure 2 - Loosen the deck assembly captive screws (qty: 2).
- Figure 3 - Remove the deck assembly by tilting up as shown and pulling out.



Disassembling the Hunter ACC2 – Junction Box Assembly (Decoder Version Shown)

- Figure 1 – Loosen the junction box assembly captive screw (qty: 1) on the small, lower cover.
- Figure 2 – Loosen the junction box assembly captive screws (qty: 4) on the large, upper cover.
- Figure 3 – Remove the large cover assembly that includes the transformer.



Hunter Inner Chassis Modification

- Figure 1 - Use a 3/16" drill bit.
- Figures 2 & 3 - Drill a through-hole in the two mounting holes on the upper back side of the inner chassis assembly, as shown.



Figure 1

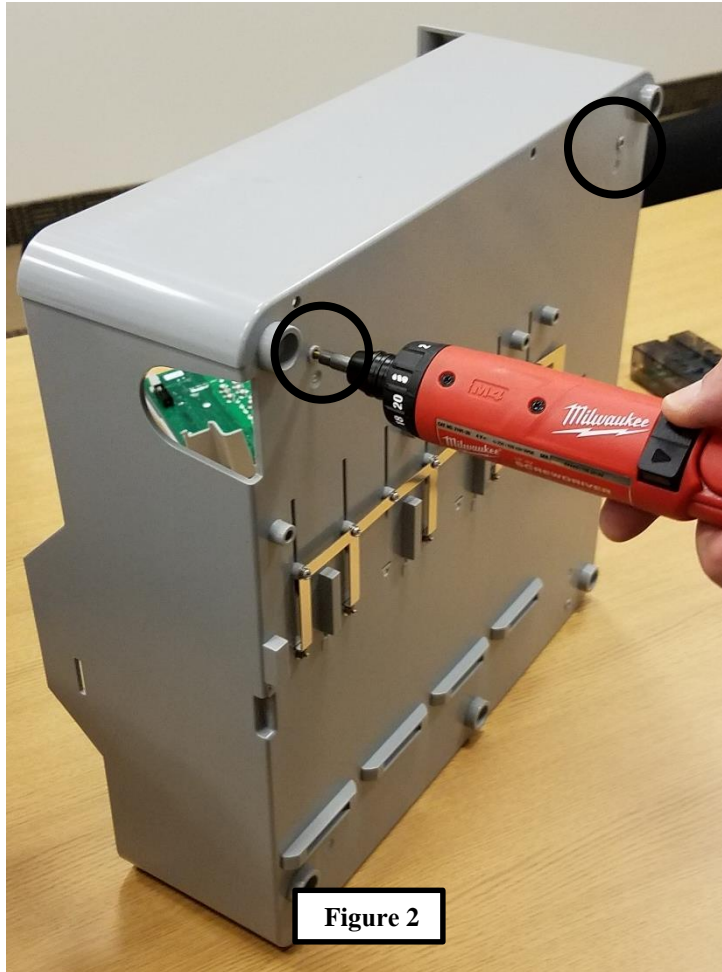


Figure 2

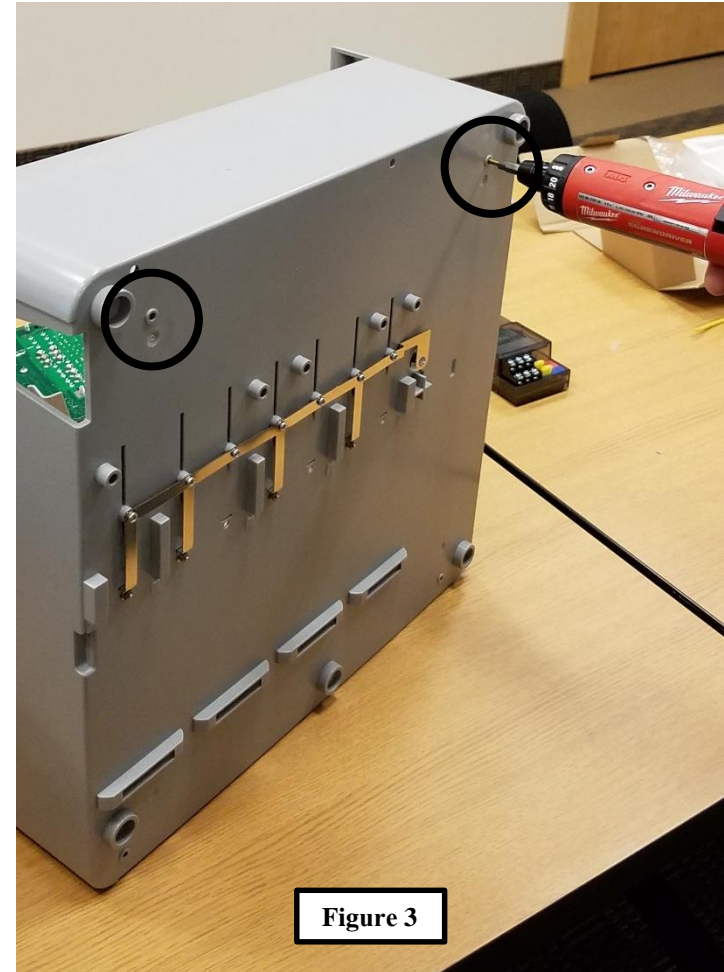
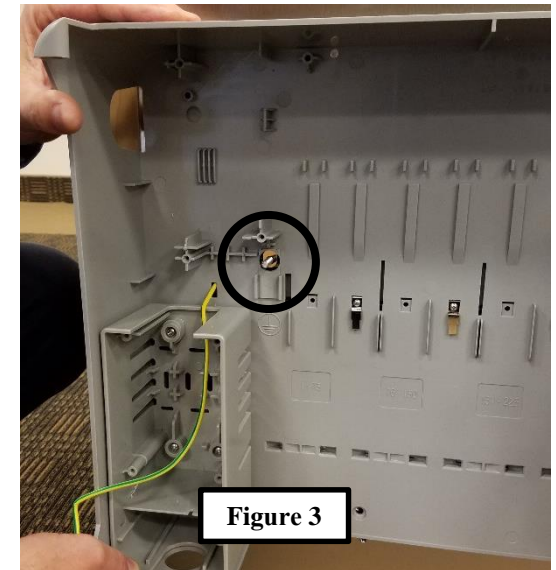
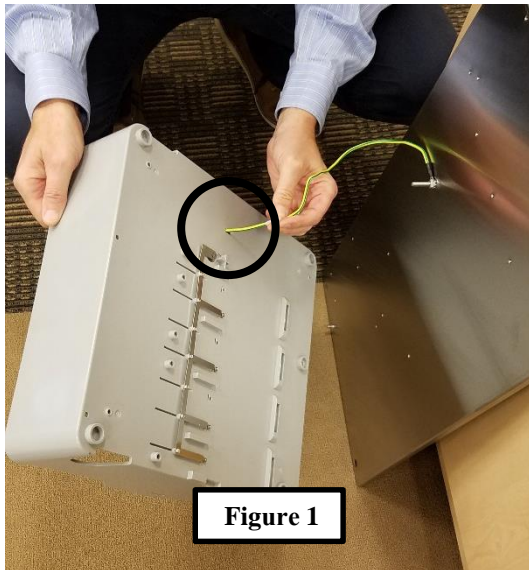


Figure 3

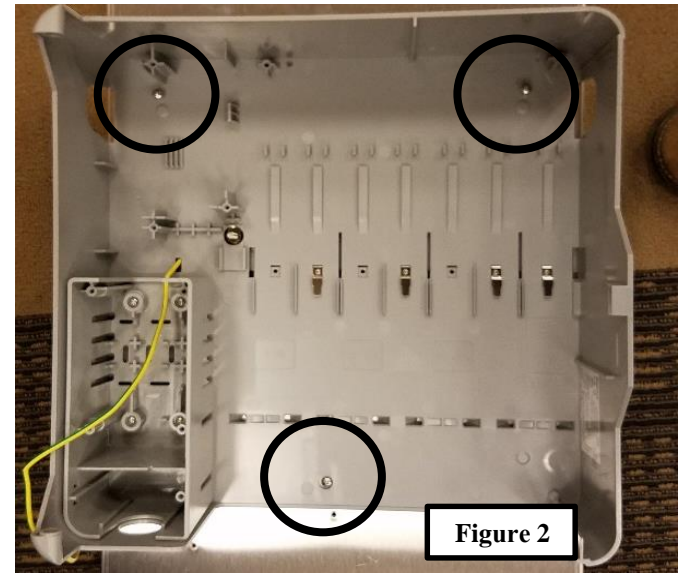
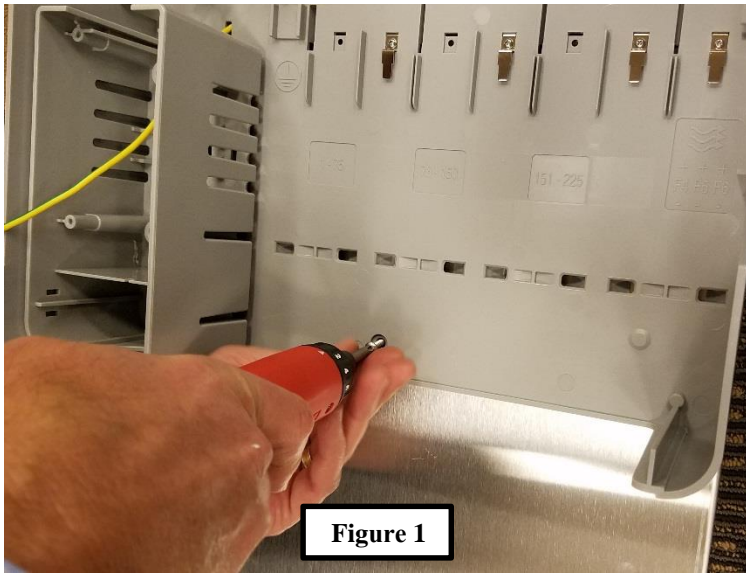
Connecting the Hunter Inner Chassis Assembly to the StrongBox Inner Panel

- Figure 1 - Feed the ground wire from the inner panel through the slot in the inner chassis, as shown.
- Figure 2 - This is a rear view of the Hunter inner chassis assembly showing the grounding tab that the ground screw will go through.
- Figure 3 - Install the inner chassis by aligning the ground screw on inner panel to the inner chassis through-hole and grounding tab.



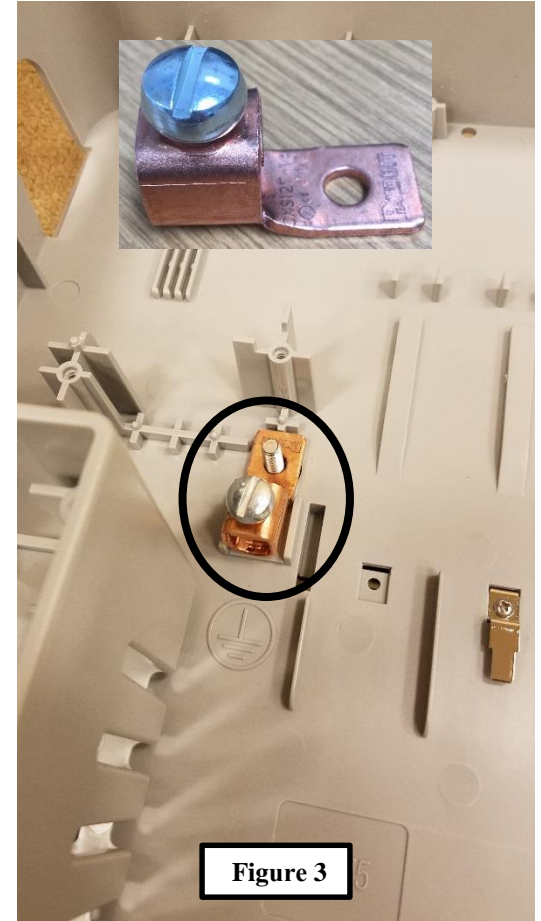
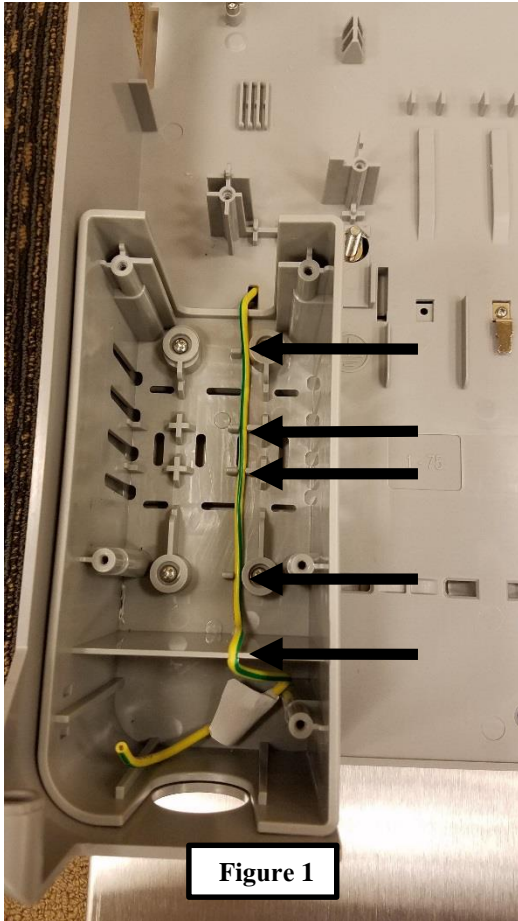
Connecting the Hunter Inner Chassis Assembly to the StrongBox Inner Panel

- Figures 1 & 2 - Install the 8-32 x 1" screws (qty: 3) in the locations shown below.



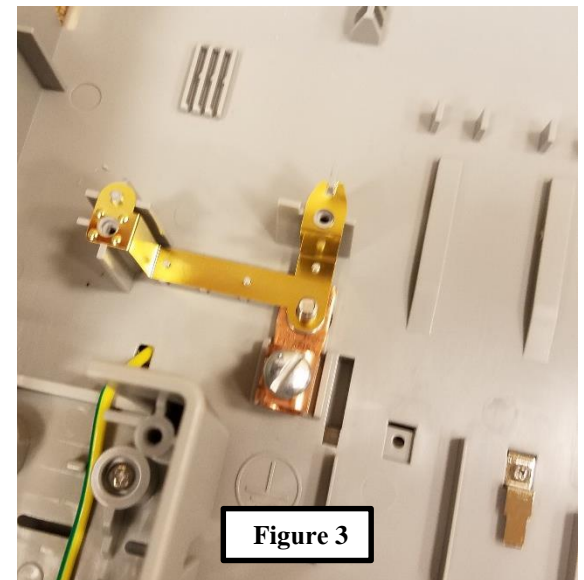
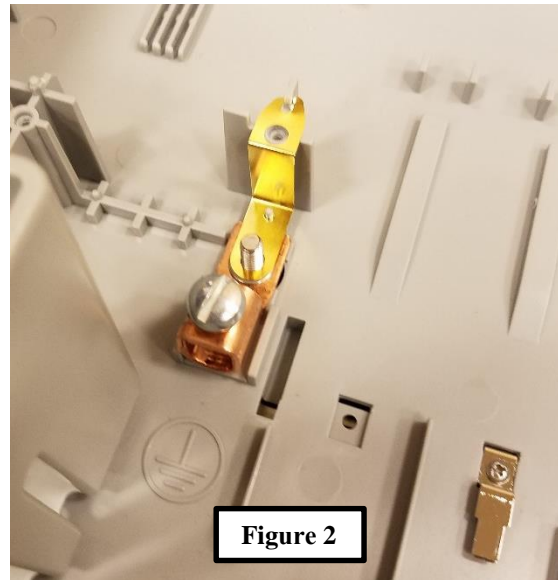
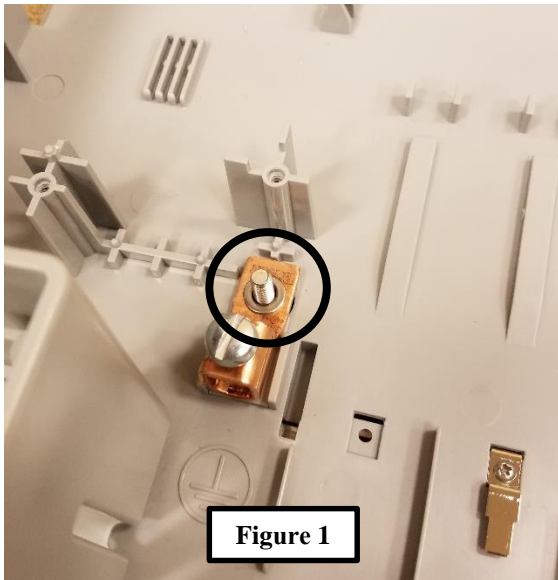
Making Ground Connections

- Figure 1 - Feed the ground wire into the five slots of the junction box chassis. Then tuck the wire into the wiring compartment, as shown.
- Figure 2 - Install the M6 hex nut on to the ground screw, as shown.
- Figure 3 - Install the ground lug on to the ground screw, as shown.



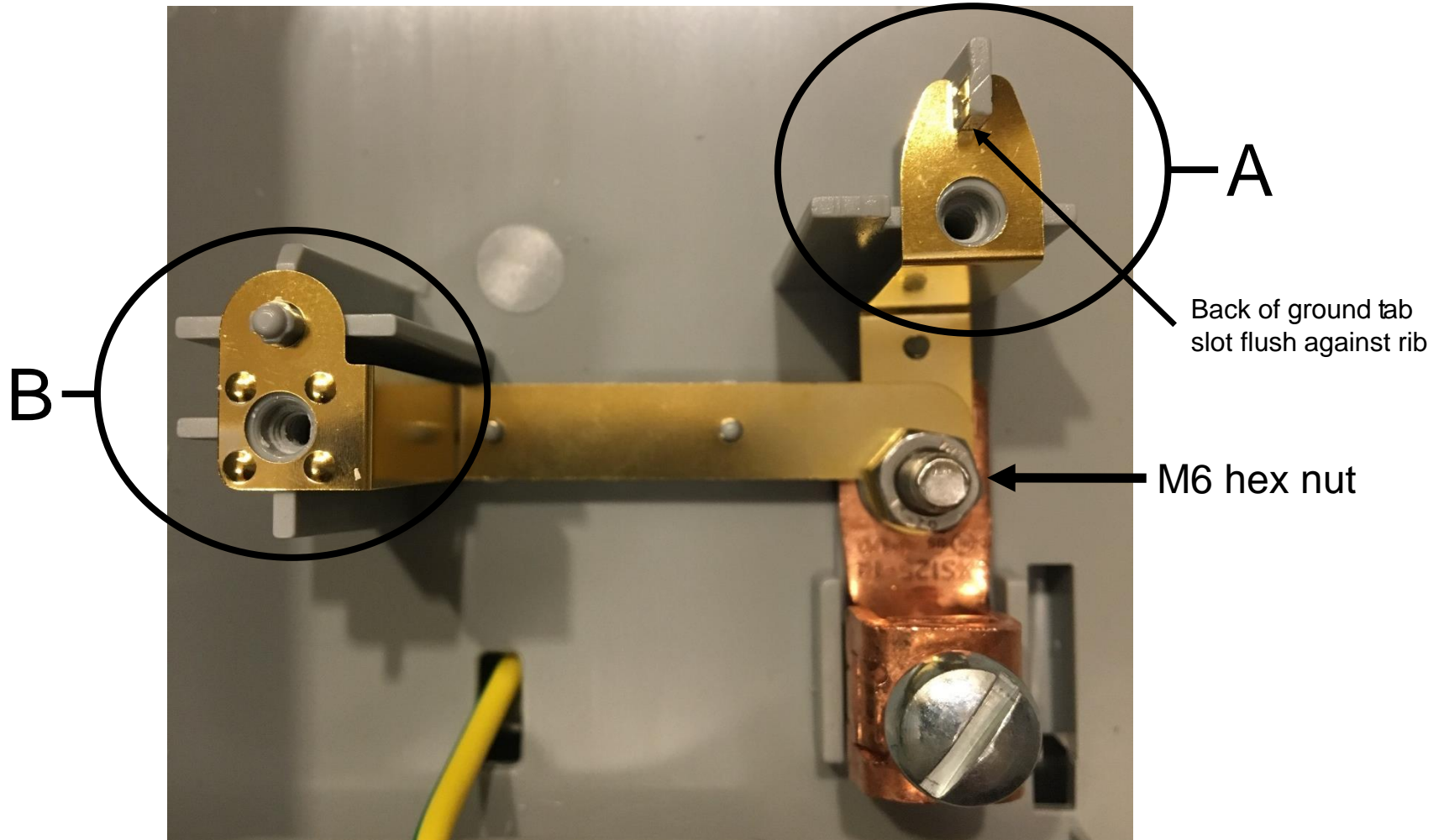
Making Ground Connections

- Figure 1 - Install M6 flat washer on to the ground screw, as shown.
- Figure 2 - Install the first ground tab on to the ground screw, as shown. Press the portion of the ground tab on to the plastic rib until it is flush with the top of the plastic feature.
- Figure 3 - Install the second ground tab on to the ground screw, as shown. Make sure the ground tab is lined up with the alignment pin and is flush with the top of the plastic feature.



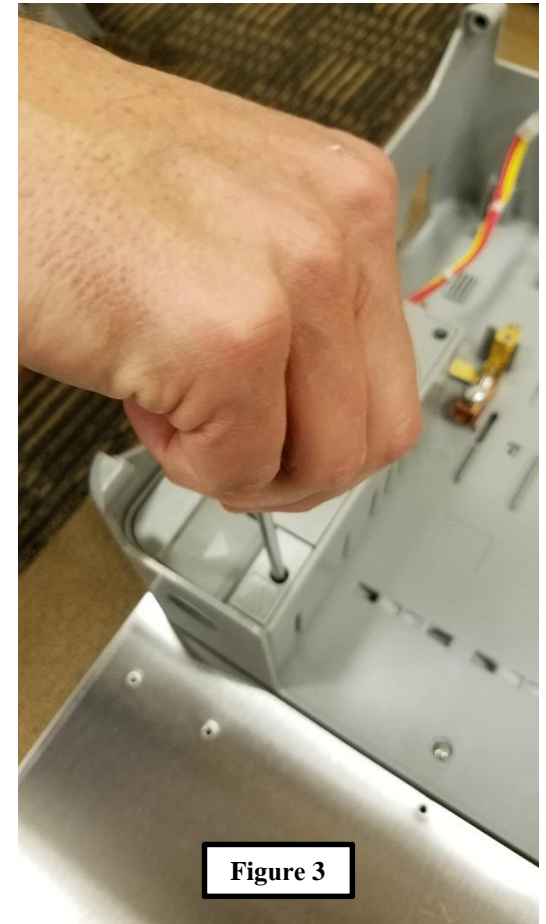
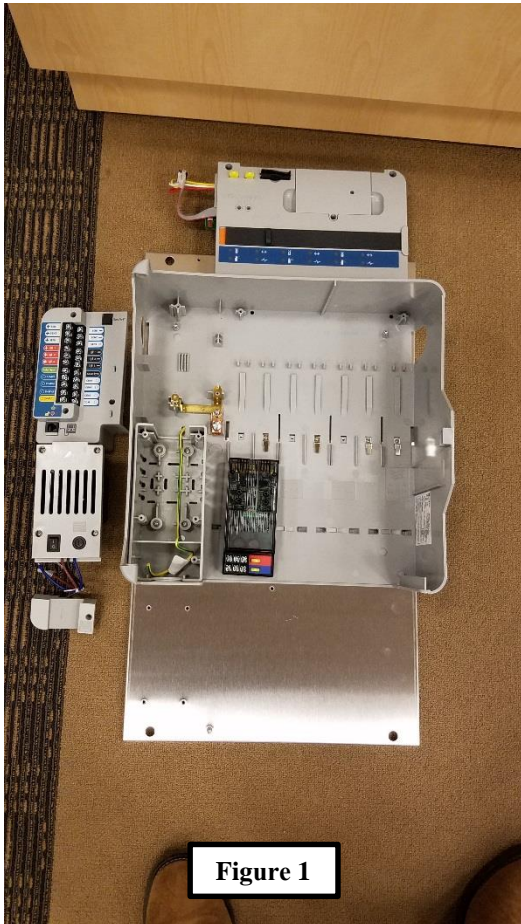
Making Ground Connections

- Install the M6 hex nut on to the ground screw, as shown.
- Ensure the following:
 - A - Holes lines up, ground tab is flush to the top of the plastic feature, and ground tab slot is fully engaged with rib.
 - B - Holes lines up, ground tab is flush to the top of the plastic feature, and alignment rib is fully inserted.



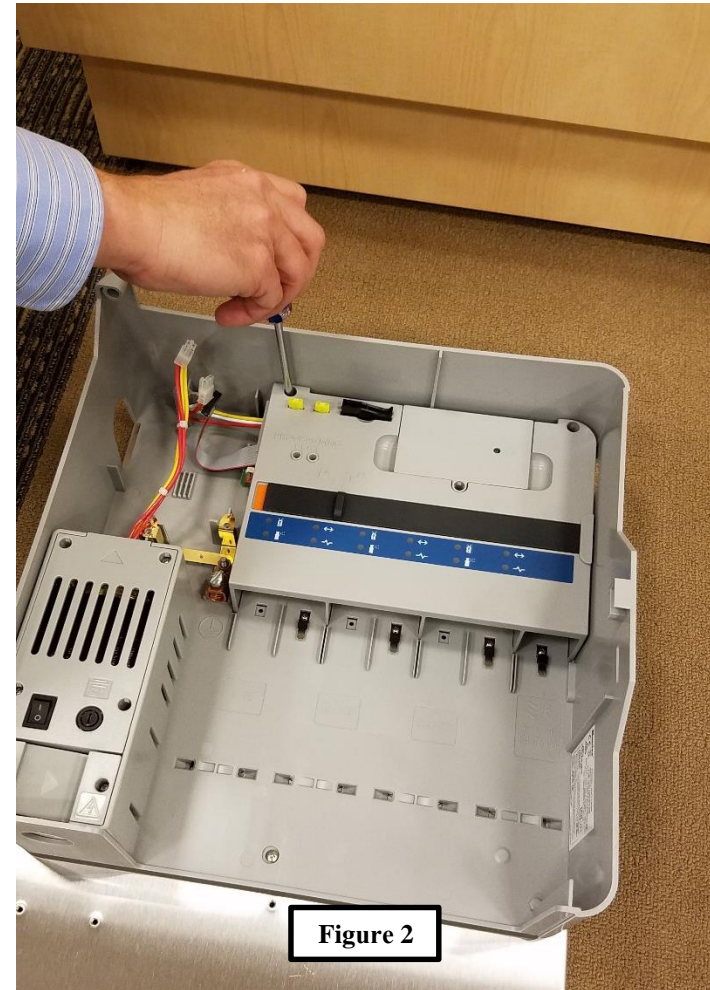
Reassembly of Hunter Inner Chassis Junction Box

- Figure 1 - This image depicts all the subassemblies that must be reassembled.
- Figure 2 - Install the large cover assembly that includes the transformer into the junction box chassis. Tighten the captive screws (qty: 4) on the large, upper cover.
- Figure 3 - Install the small, lower cover and tighten the captive screw (qty: 1).



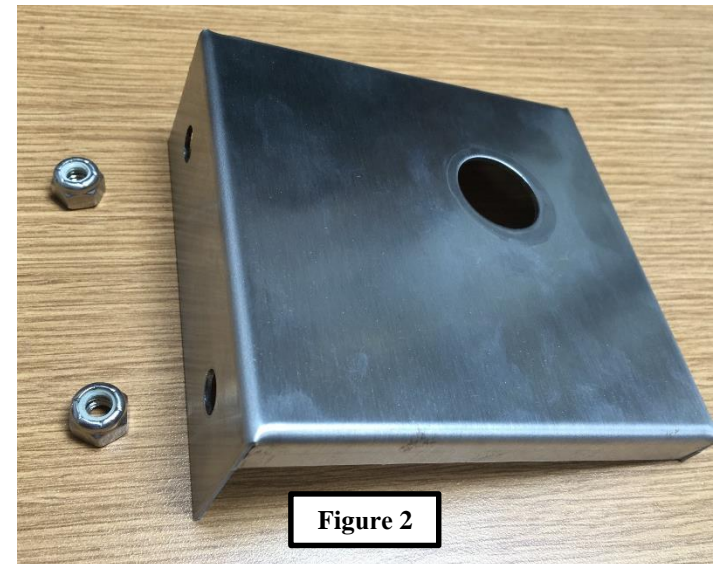
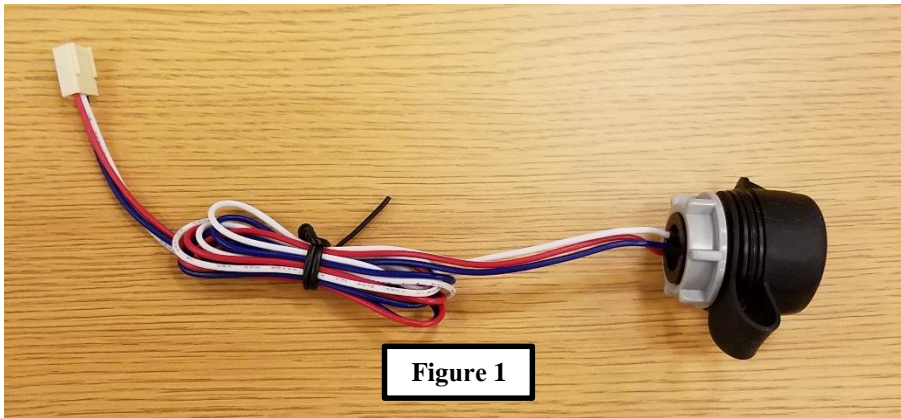
Reassembly of Hunter Inner Chassis Deck Assembly (Decoder Version Shown)

- Fig 1 - Install the deck assembly by inserting the lower hooks and tilting back.
 - Ensure both cables on the left side are outside of the deck assembly.
- Fig 2 - Tighten the captive screws (qty: 2).



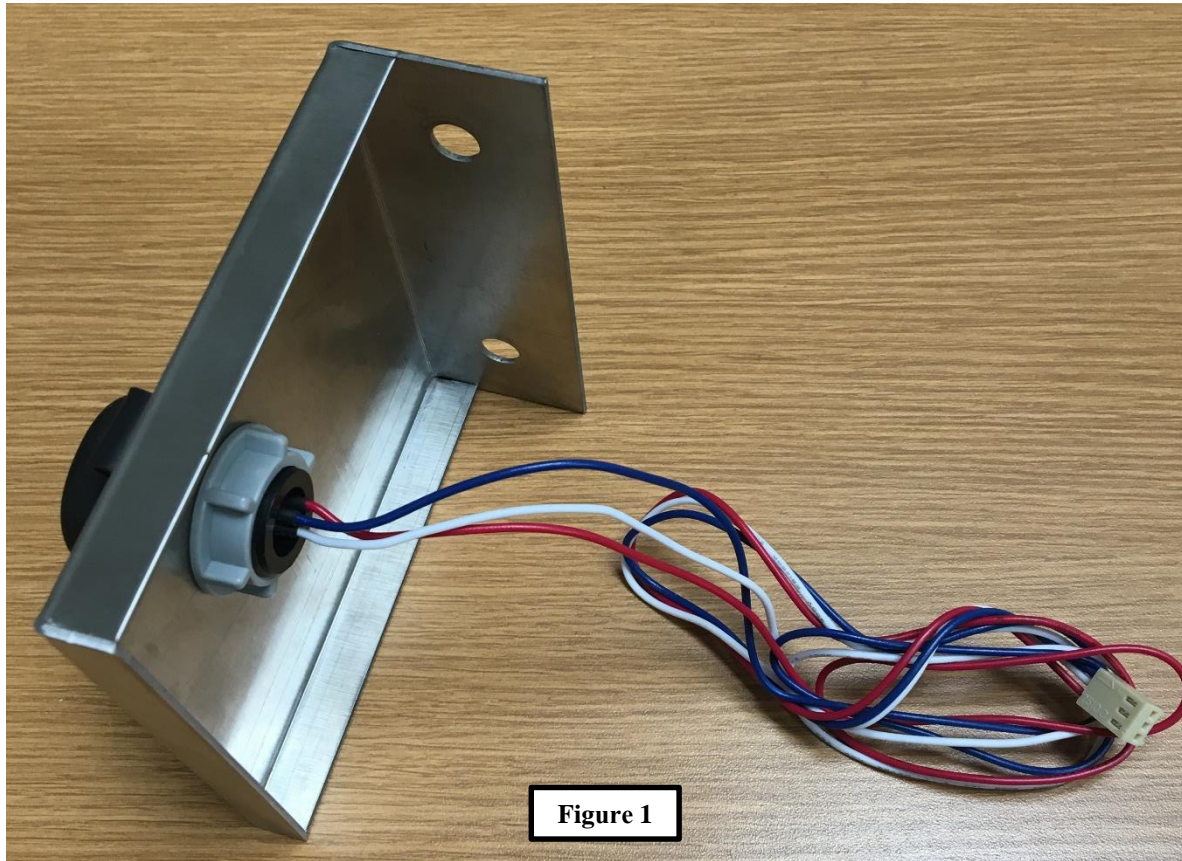
Optional Assembly – SmartPort® Adapter

- Note: If installing a Hunter-supplied SmartPort adapter, use the following instructions. If not, skip to page 21.
- Figure 1 – This is the Hunter-supplied SmartPort adapter.
- Figure 2 – This is the StrongBox-supplied SmartPort sheet metal bracket and hardware.



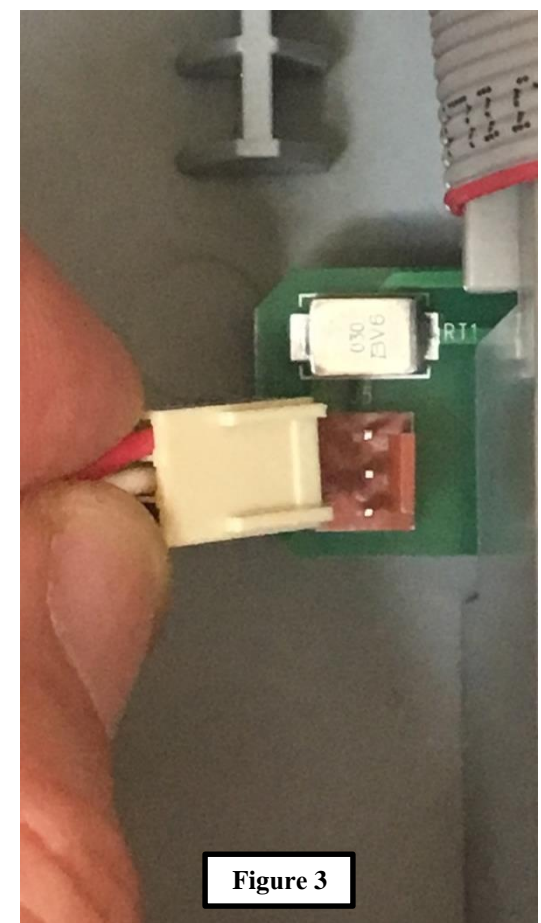
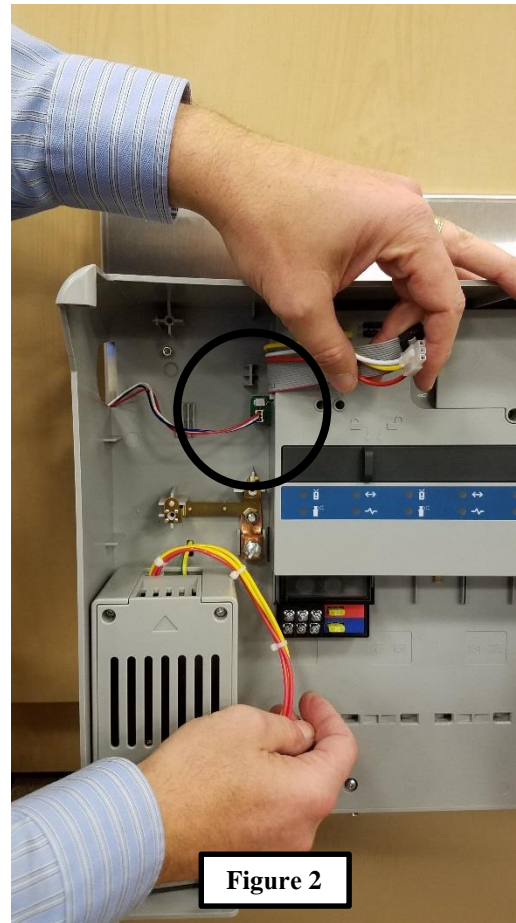
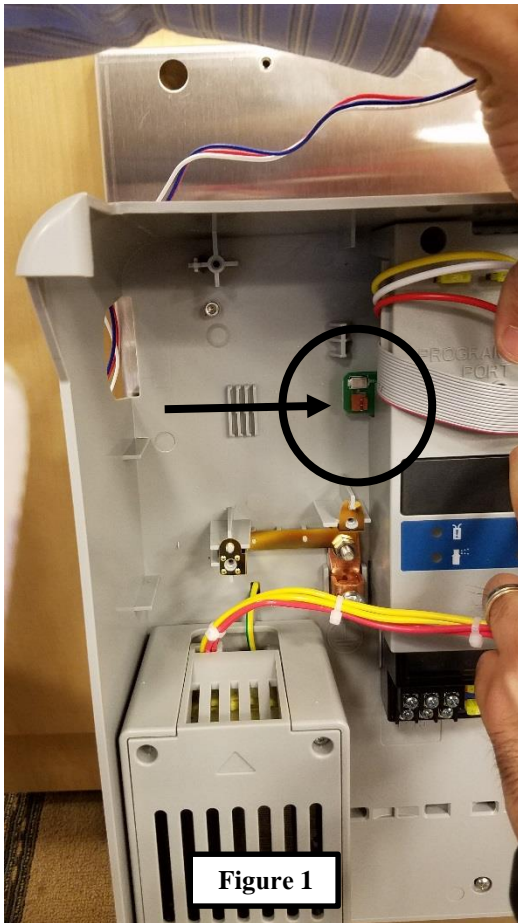
Optional Assembly – SmartPort® Adapter

- Figure 1 – Install the Hunter SmartPort adapter on to the sheet metal bracket, as shown.



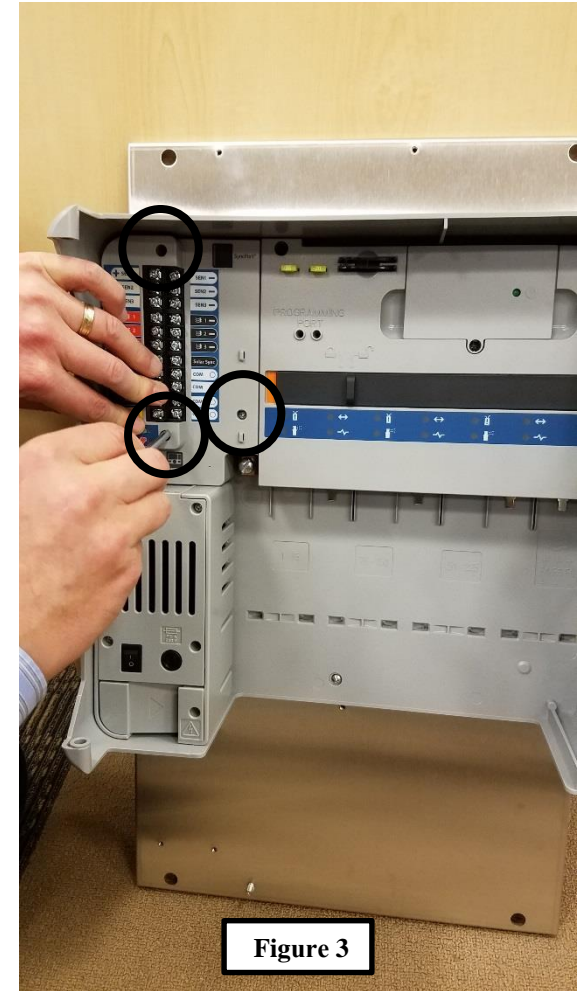
Optional Assembly – SmartPort® Adapter

- Figure 1 – This is the location for the SmartPort adapter connection.
- Figure 2 – 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.
- Figure 3 – Make sure the small ribs on the SmartPort adapter connector are on the right side when connecting with the mating connector.



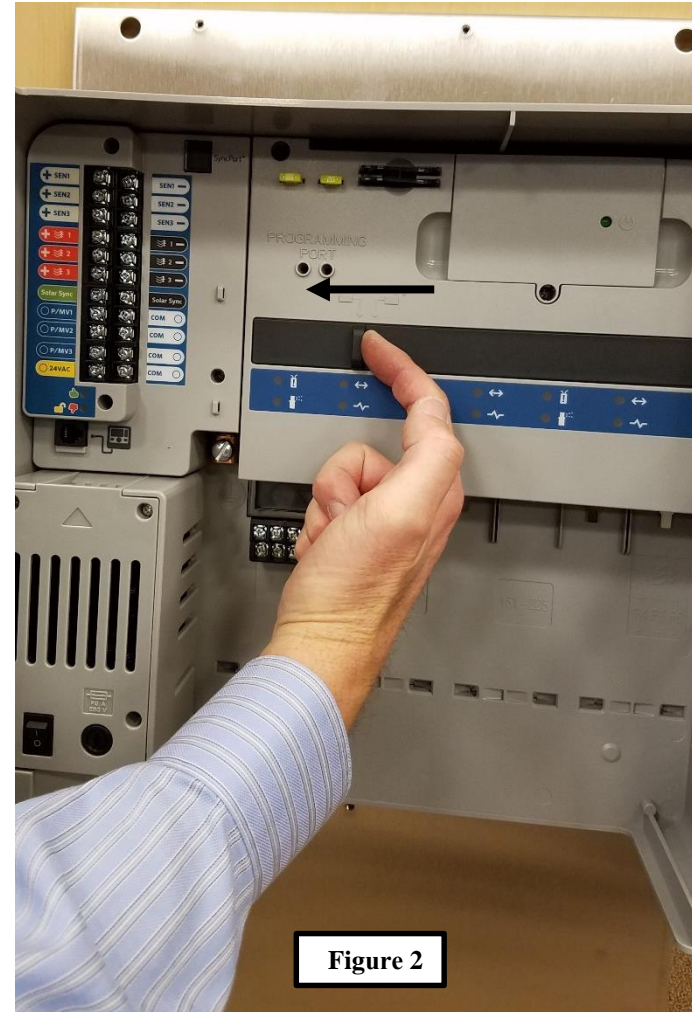
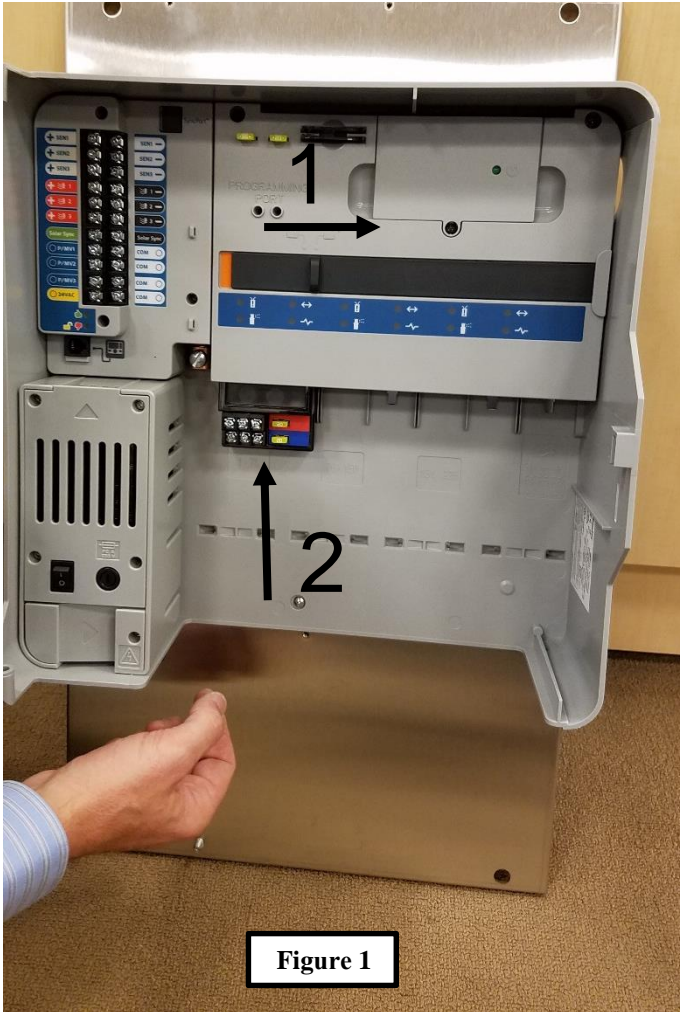
Reassembly of Hunter Inner Chassis – Power Supply

- Figure 1 – Reconnect the two cables from the deck assembly.
- Figure 2 – Reconnect the cable from the junction box assembly.
- Figure 3 – Reinstall the power supply assembly, being careful not to pinch any of the cables. The power supply assembly should sit flush. Tighten the captive screws (qty: 3).



Reassembly of Hunter Inner Chassis – Output Module (Decoder Version Shown)

- Figure 1 - 1) Ensure the slidlock is in the unlocked position (slide to the right).
2) Install the output module into the deck assembly.
- Figure 2 - Slide the slidlock to the left to the locked position.



Connecting StrongBox Support Bracket to Inner Panel

- Figure 1 - This is the StrongBox-supplied support bracket with mounting screws (qty: 4).
- Figure 2 - Locate the support bracket as shown and install the screws. Then push the bracket tight against the Hunter inner chassis and tighten the screws.



Disassembling the StrongBox Pedestal

- Figure 1 - Open the top door of the StrongBox pedestal and then remove the front door.
- Figures 2 & 3 - Remove the nuts and washers (qty: 4 each).



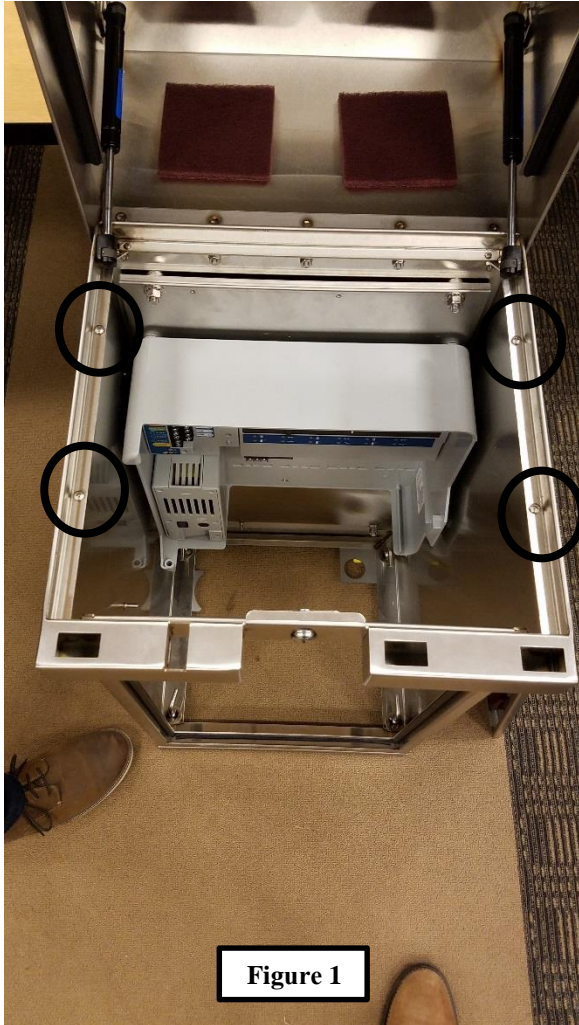
Inner Panel Installation

- Figure 1 - Install the inner panel assembly through the front opening with the right side angled in first, as shown.
- Figure 2 - Once inside, rotate the inner panel assembly so that it is flush against the back wall.
- Figure 3 - Hang the inner panel assembly in the four studs on the back wall. Then, reinstall the four sets of hardware:
 - Flat washer
 - Hex nut



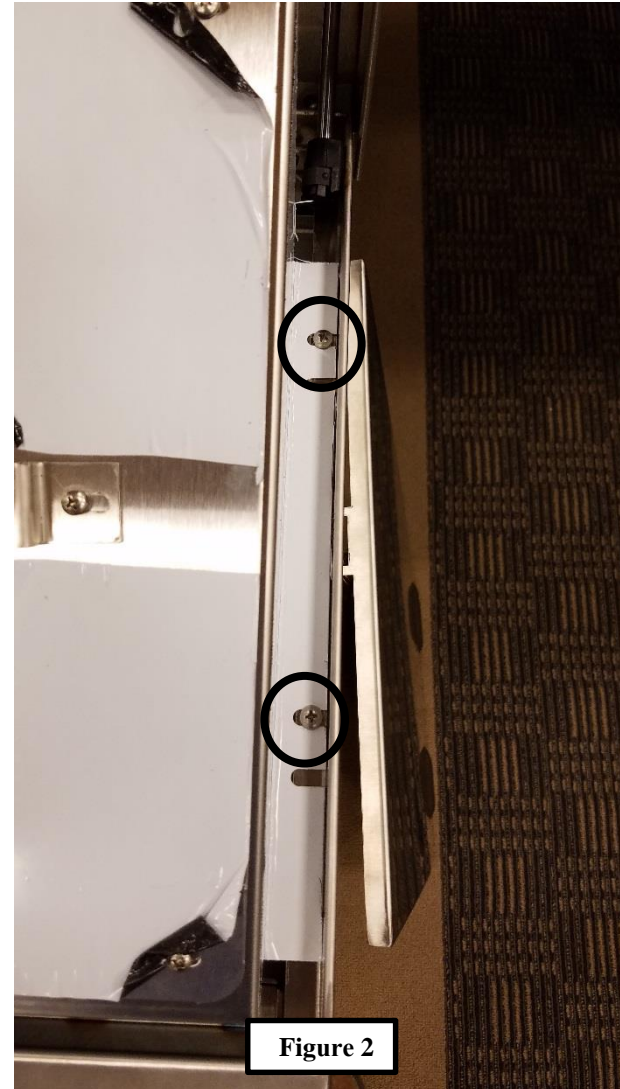
Facepack Adapter Panel Installation

- Figures 1 & 2 - Remove the supplied screws (qty: 4).
- Figure 3 - Install the facepack adapter panel.



Facepack Adapter Panel Installation

- Figure 1 - Position the facepack adapter panel using the slots shown below.
- Figure 2 - Reinstall the screws (qty: 4).



Facepack Assembly Installation

- Figure 1 - Loosen the screws for the facepack assembly hold-down brackets (qty: 2).
- Figure 2 - Install the longer I/O cable assembly into the RJ connector located on the bottom edge of the facepack assembly.
- Figure 3 - Route the I/O cable assembly through the facepack adapter panel, as shown.



Facepack Assembly Installation

- Figure 1 - Position the facepack assembly hold-down brackets against the facepack assembly and tighten screws (qty: 2).
- Figure 2 - Remove the facepack adapter panel screws (qty: 2), as shown.
- Figure 3 - Ensure the panel door swings open properly.



Facepack Assembly Installation

- Figure 1 - Install the I/O cable RJ connector into the power supply assembly jack, as shown.
- Figure 2 - This image shows the supplied cleaning pad and cable tie mount.
- Figure 3 - Using the supplied cleaning pad, clean the approximate area shown.
- Figure 4 - Once dry, install the supplied cable tie mount to the side wall and install the I/O cable assembly as shown.
 - Note: Open and close the panel door to ensure the cable does not get pinched between the panel door and adapter. If it does, readjust the location of the cable within the cable tie mount.



Figure 2



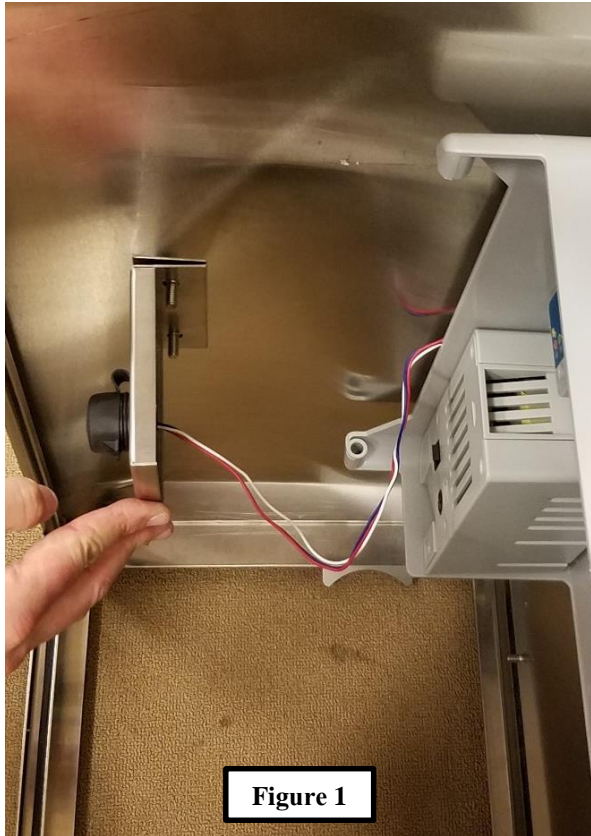
Figure 3



Figure 4

Optional Assembly - SmartPort® Adapter

- Note: If you installed the Hunter SmartPort adapter, use the following instructions. If not, skip to page 32.
- Figure 1 - Install the SmartPort bracket on to the two studs on the inside left wall of the StrongBox pedestal using the supplied lock nuts (qty: 2).
- Figure 2 - Insert the SmartPort wires into the cable tie mount, as shown.
- Figure 3 - Insert the facepack I/O cable into the cable tie mount, as shown.



Final Assembly

- Figure 1 - Reinstall the facepack adapter panel screws (qty: 2).
- Figure 2 - Reinstall the front pedestal door.
- Figure 3 - Lower the top door. Congratulations, you are done!

