

Everbrite LCD OrderRite™ Order Confirmation System

Version 4.X and 5.X Monolith Electronics Insert Replacement Procedures 3/7/2013

NOTE: Do NOT cut any wires except where directed to do so. Failure to comply will result in charge backs to installer.

Step 1 Make sure power is turned off to the unit. The Illuminated switch should be turned off and not illuminated.

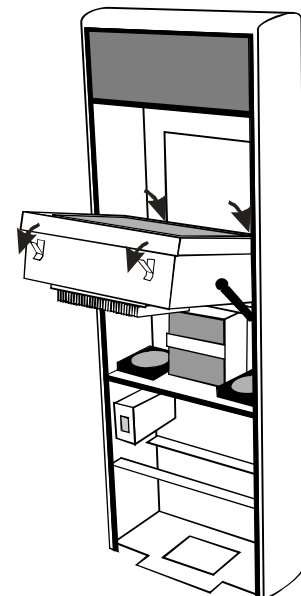
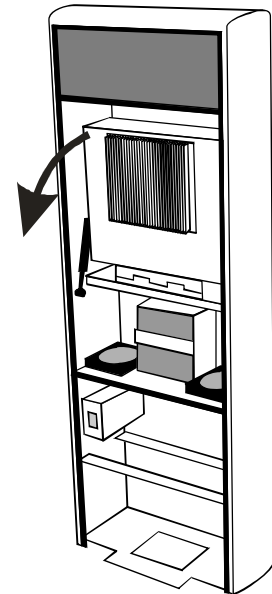
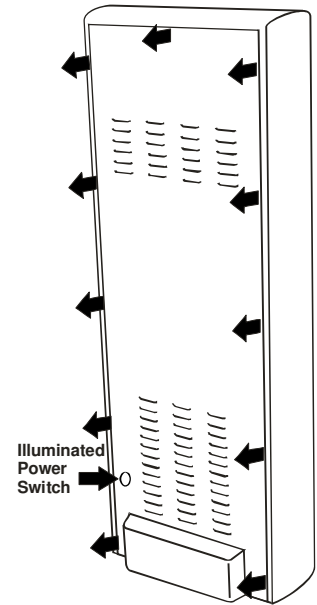
Step 2 Remove the 11 fasteners holding the back on to the unit. Retain screws for replacing back when finished

Note: Before replacing back when finished, make sure there are no tools, extra parts or packing are lying on fans or in cabinet.

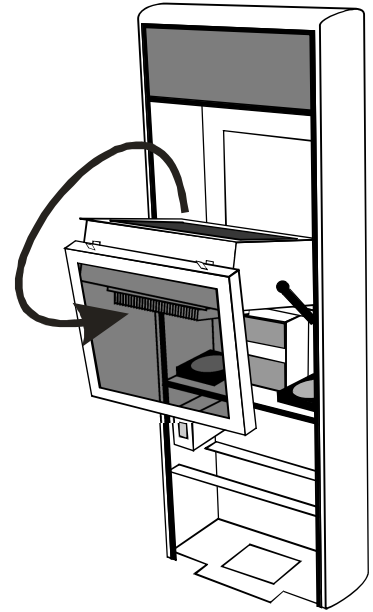
Step 3 Tilt the internal enclosure down. Internal enclosure is supported by 2 pressurized gas shocks to hold the enclosure in place and reduce the weight.

Note: when lifting internal enclosure back into place, hold unit from being forced forward too fast.

Step 4 Release the 4 stainless steel face retainers



Step 5 Using caution not to twist the frame, lift off the face using the aluminum frame (may be tight) and leaving the ground strap in place, flip over the face so the holes in the frame can hang on the stainless steel face retainers.



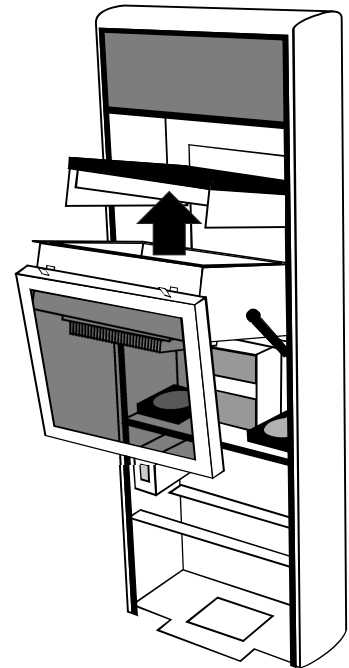
Step 6 Lift out the electronics insert and disconnect:

- Data cable (yellow with 3 pin connector)
- Ethernet cable (Blue with RJ-45 connector)
- Power (3 pin quick disconnect)
- Ground (Green wire with blue connector)
- Fan (4 pin quick disconnect)

Step 7 Remove and retain the 2 white desiccant pouches

Note: If don't need to swap out the Heater Fan Pan, skip to Step #29 (page 6) to the end.

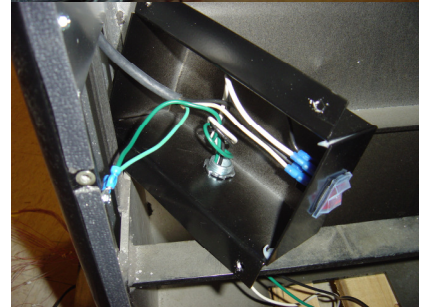
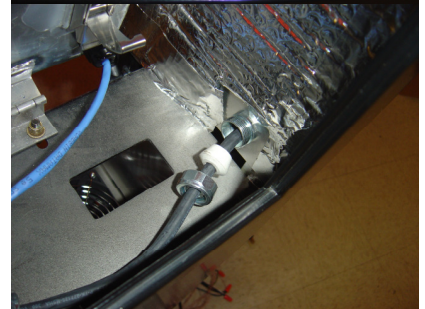
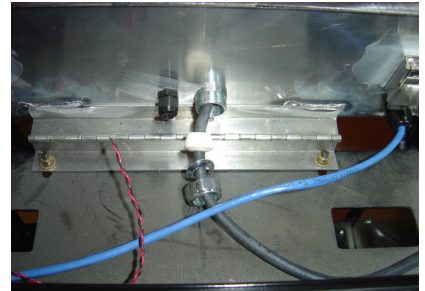
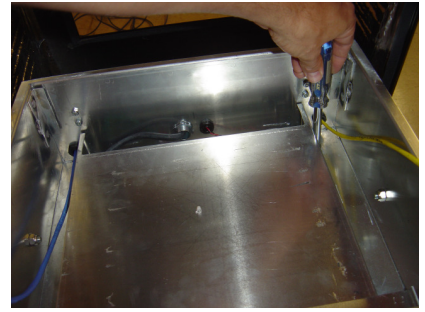
If need to swap out the Heater Fan Pan, continue to Step #8 (page 3) to the end.



Heater/fan pan swap procedures

NOTE: Do NOT cut any wires except where directed to do so. Failure to comply will result in charge backs to installer.

- Step 8 Carefully remove the 4 nylon lock nuts, using a 3/8" nut driver holding the pan in place. Too much force can snap studs. Retain nuts for installing new pan.
- Remove ground wire nut and wire. Retain ground wire for new pan.
- Step 9 Loosen the nut on power cable connector leading into the electronics enclosure.
- Cut the black/red external fan power wires near the connector.
- Step 10 Loosen the nut on power cable connector leading into the outer shell.
- Step 11 Remove and retain the 4 screws holding the power switch cover using a 1/4" nut driver.
- Step 12 Disconnect the ground, hot and neutral wires of the power cord from the switch and shell.
- Step 13 Attach a pull string to the end of the power cord.



Step 14 Pull power cord from the top until pull string comes through connector.

Remove nuts, rubber washers and metal washers from power cable and retain for new cable.

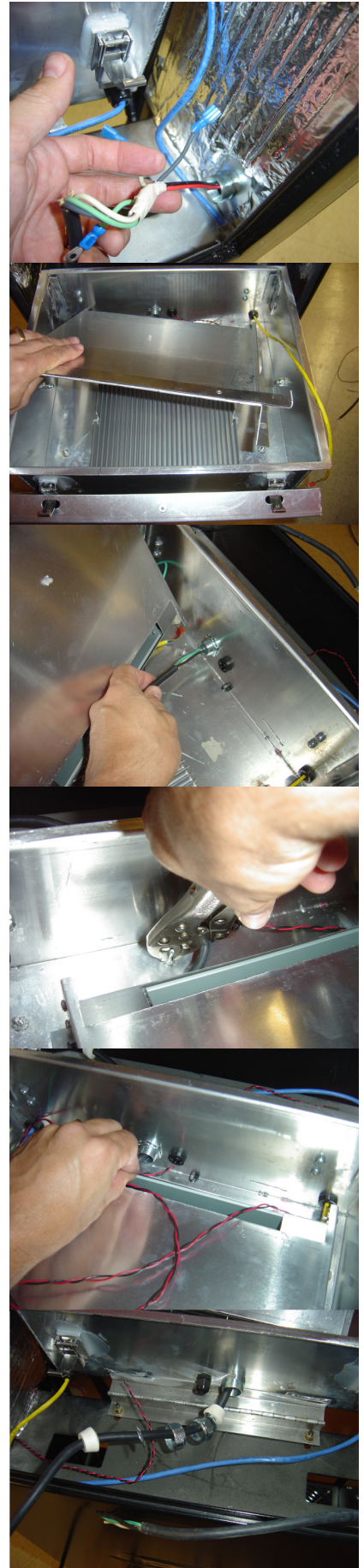
Step 15 Carefully lift and remove the heater/fan pan from the electronics enclosure pulling full length of power cable through connector.

Step 16 Feed power cable from new heater/fan pan through appropriate connector in enclosure.

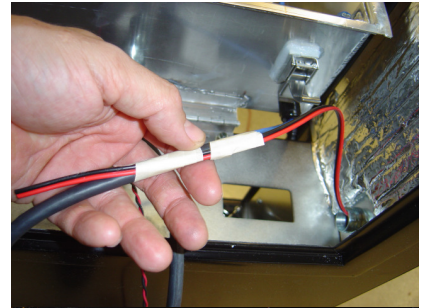
Step 17 Do not disturb 4 heater/fan pan mounting studs. Break off old ground stud near power connector.

Step 18 Feed red and black external fan wires from new heater/fan pan through appropriate connector in enclosure.

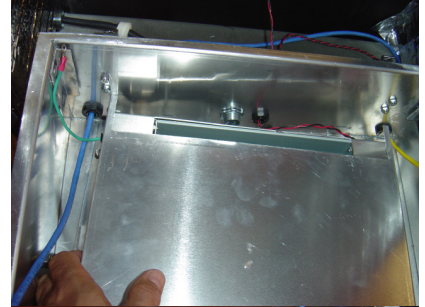
Step 19 Slide the rubber washers, metal washers and nuts on to new power cord per photo.



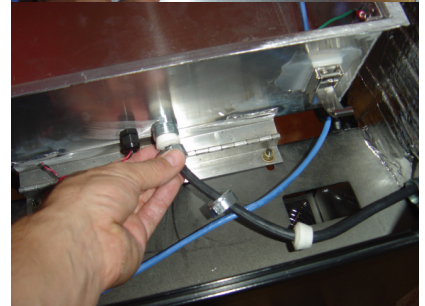
Step 20 Attach power cord to pull string and pull power cord from top to bottom so end is near switch box



Step 21 Carefully line up heater/fan pan over 4 mounting studs.



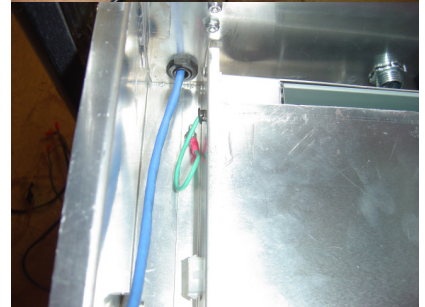
Step 22 Slide rubber washers, metal washers and nuts into place on the enclosure connector and tighten nut to seal connection.



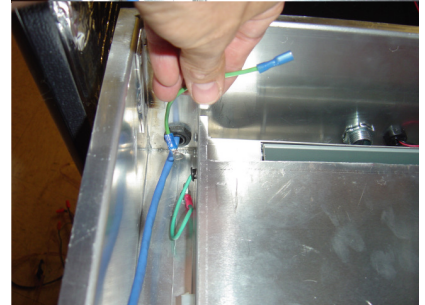
Step 23 Slide rubber washers, metal washers and nuts into place on the shell connector and tighten nut to seal connection.



Step 24 Place ground wire from new heater/fan pan on closest mounting stud.



Step 25 Place ground wire removed in step 1 over same stud used in step 24.



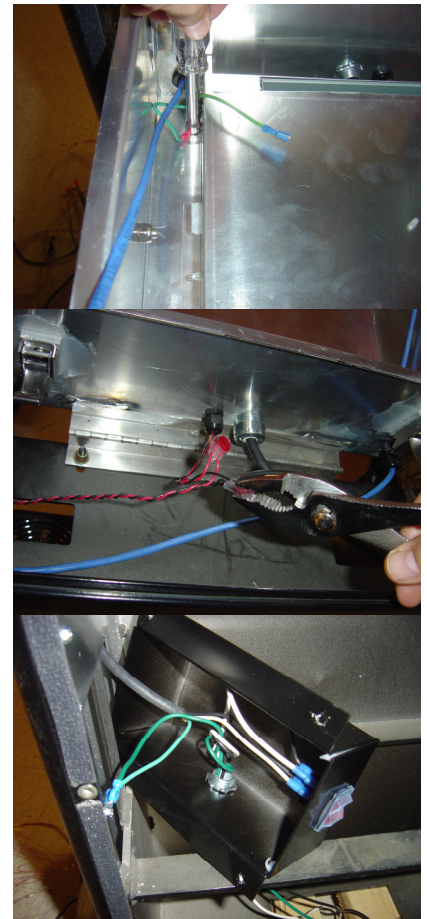
Step 26 Make sure heater/fan pan is pushed towards the bottom of the enclosure and secure ground wire using nut from step 8.

Secure remaining 3 mounting locations with nuts from step 8 being careful not to over tighten or break stud. Make sure heater/fan pan is pushed up against surface with power connectors.

Step 27 Using supplied blue Dolphin connectors and a pliers, connect red and black external fan power wires.

Step 28 Attach spade connector to black and white wire and attach to switch. Attach eye to green wire and attach to ground point.

Reattach switch cover using screws from step 11.



Completing Installation

Step 29 Make connections for new electronics insert:

- Data cable (yellow with 3 pin connector)
- Ethernet cable (Blue with RJ-45 connector)
- Power (3 pin quick disconnect)
- Ground (Green wire with blue connector)
- Fan (4 pin quick disconnect)

Step 30 Slide electronics insert into tracks

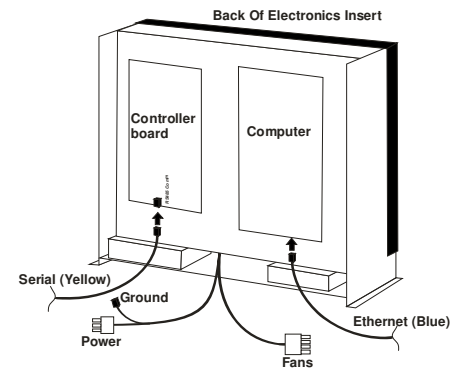
Step 31 Remove protective plastic sheet from front of display

Step 32 Important - Remove new desiccants from protective pouch and insert one on each side of new electronics insert.

Step 33 Work backwards from step 5 until completed

Step 34 Boot up unit to test new electronics are working and displaying orders

Step 35 Repack old insert, old desiccant pouches and old heater/fan pan into shipping boxes for return to Everbrite.



Any Questions contact Everbrite Tech Support toll free at 1-888-877-3092