



Installation Instructions

Kit Number: 1266055 (NIC 143) & 1265938 (NIC 183)
Installation Instructions: Instructions, NIC Cover Install
Product: NIC 143 / 183
Subject: Top Cover Installation
Purpose: Aftermarket cover for upgraded lighting,
 and protection against interfering air.

Date: 10-29-2018
Rev.: C
ECN: 58107
Rev. Date: 10-23-2020

| Parts List | | | | |
|------------|-------------|----------|-------------|------------------------------------|
| NIC 143 | | NIC 183 | | Description |
| Quantity | Part Number | Quantity | Part Number | |
| 1 | 1266136 | 1 | 1266136 | INSTL INST, NIC TOPPER, NIC |
| 1 | 1266152 | 1 | 1266144 | ASY, SHELF, COVER, NIC |
| 1 | 1271822 | 1 | 1271849 | ASY, SUPT, BEAM, COVER, NIC |
| 1 | 1265865 | 1 | 1265865 | PNT, BRKT, LED HLDR, NIC TOP |
| 1 | 1265873 | 1 | 1265873 | PNT, BRKT, LED SUPT, NIC TOP |
| 2 | 1266128 | 2 | 1265903 | PNT, FLG, COVER, NIC |
| 1 | 1271733 | 1 | 1271733 | HRNS, LED, 24V LED, 1 BLB, NIC TOP |
| 12 | V802113 | 16 | V802113 | NUT #10-32 NYLOCK, RoHS |
| 1 | 1262475 | 1 | 1264275 | SIDE PNL, CVR, NIC, W/SLOT |
| 1 | 1262475-1 | 1 | 1264275-1 | SIDE PNL, CVR, NIC, W/O SLOT |
| 8 | 1158624 | 8 | 1158624 | BOLT, SIDE GLASS, HFD |
| 8 | 1158647 | 8 | 1158647 | WASHER, BOLT, HFD |
| 2 | 1271717 | 2 | 1271717 | DECAL, SIDE, NIC TOPPER |
| 1 | 1271725 | 1 | 1271725 | DECAL, WIRE COVER, NIC TOPPER |
| 1 | 1237136-1 | 1 | 1237136-4 | LED LIGHT |
| 1 | 1151265 | 1 | 1151265 | BULB HLDR, PLUNGER, 2PINS |
| 1 | 1271253 | 1 | 1271253 | HRNS, CONDENSATE FAN, NIC TP |
| 3 | V802213 | 3 | V802213 | SCR, 8-32X5/16 CR PN THD CUT |
| 1 | 1280288-1 | 1 | 1280288 | LENS, FROSTED, LAMP, NIC TP |
| 1 | 1223922 | 1 | 1223922 | FAN, 24VDC 4.7" SQ X 1", GGFV |

Procedure

- Step #1** Remove the product from the case.
- Step #2** Turn-off and disconnect the Case from the power source.
- Step #3** Remove Corner Covers from existing NIC unit (See Figure 1)
- Step #4** Remove the end panels from existing NIC unit (See Figure 1)

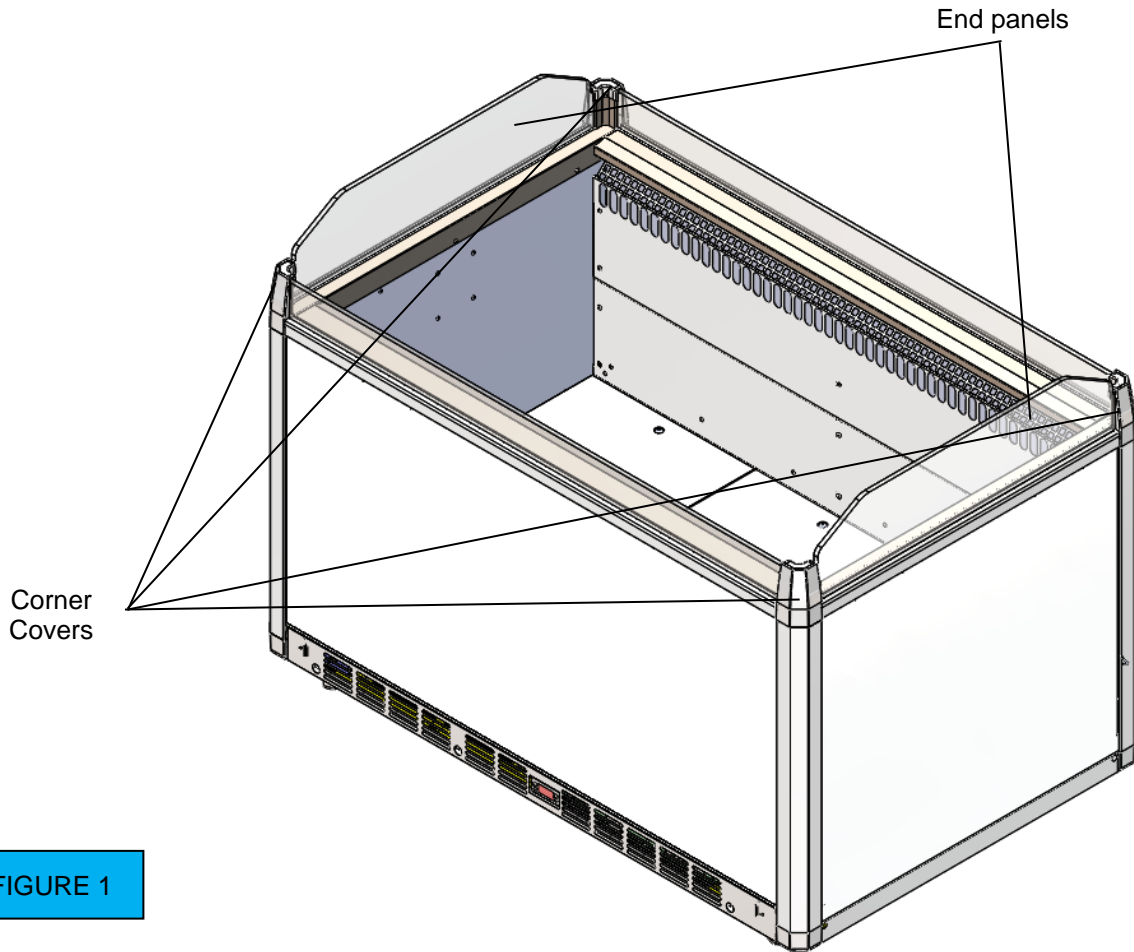


FIGURE 1

- Step #5** Remove protective film from the new NIC Topper side panels (1262475 and 1262475-1)
- Step #6** Install the new side panels (1262475 and 1262475-1) into existing NIC unit. Note: The side panel with the slot (1262475) should be on the side closest to the power box with the slot oriented to the outside of the unit (See Figure 2)

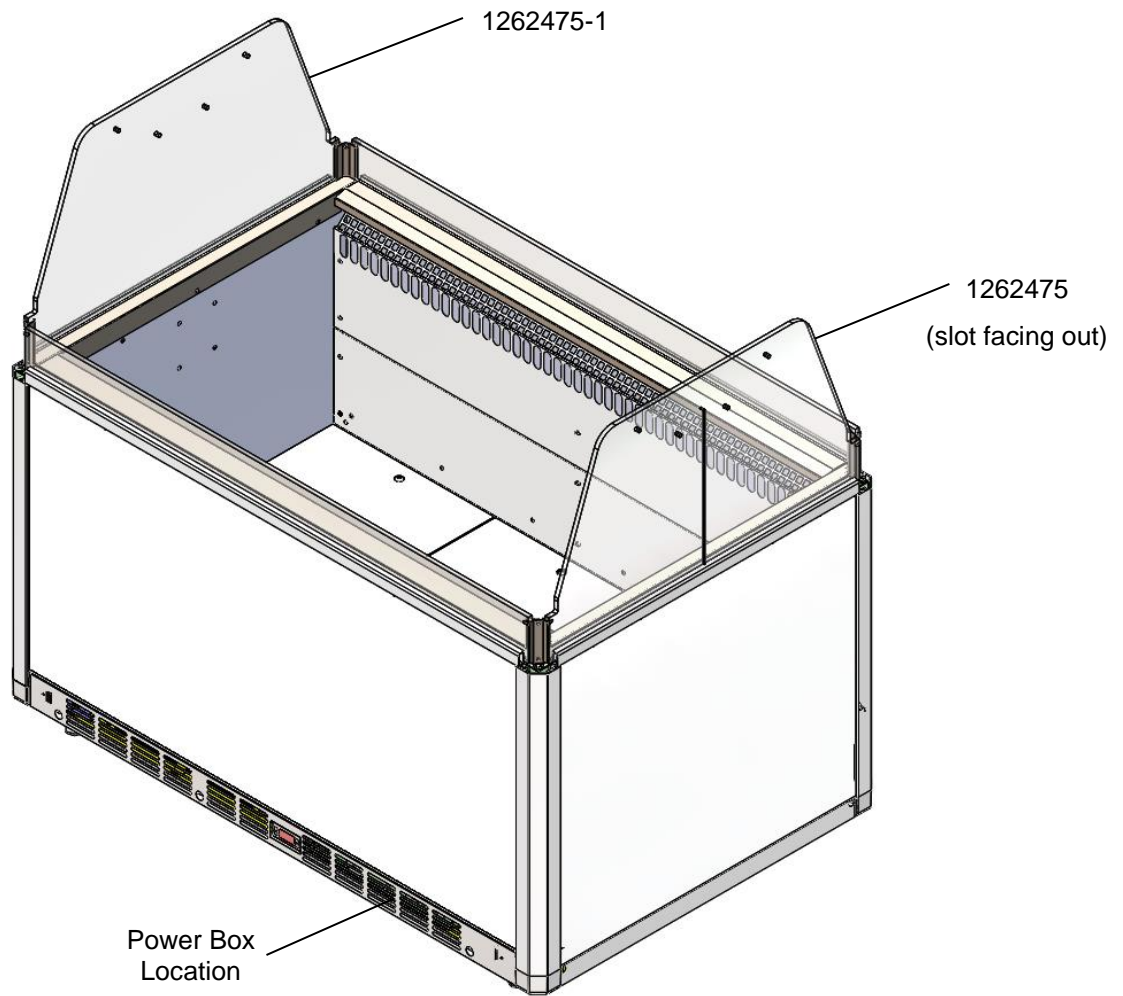


FIGURE 2

Step #7 Mark the slot position of the side panel (1262475) slot onto the trim with a pencil (See Figure 3)

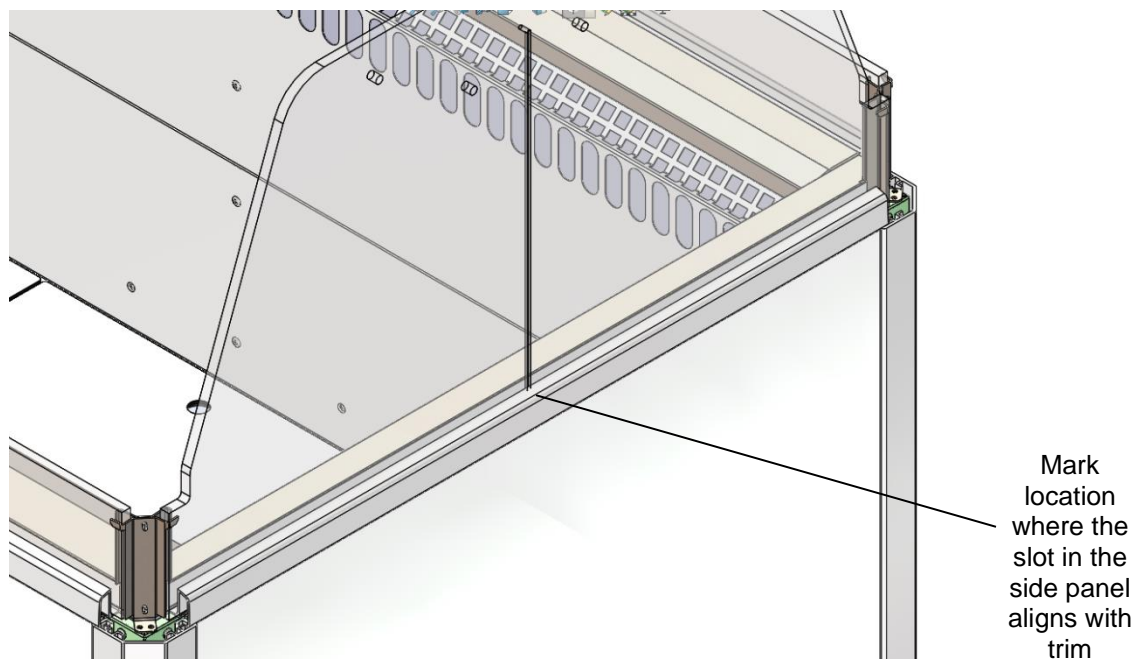


FIGURE 3

Step #8 Remove the side panel 1262475 and Drill a ¼" diameter hole on the inside of the trim as shown (See Figure 4). This hole should line up with the slot and will be the location in-which the lighting conductors are routed.

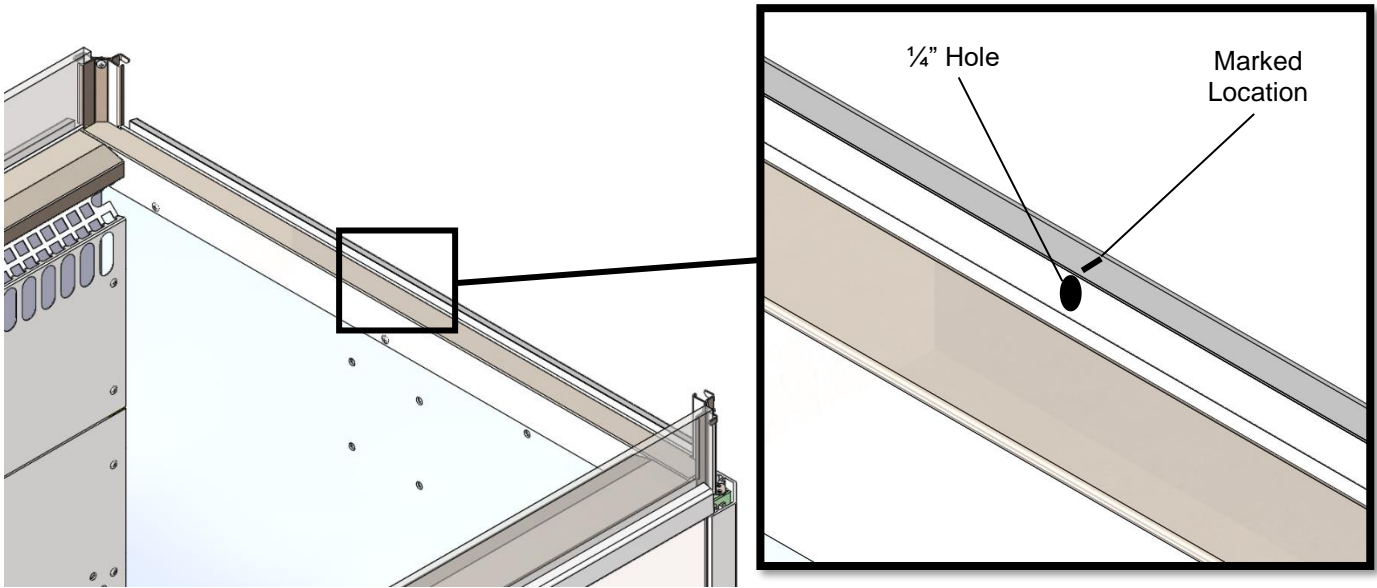
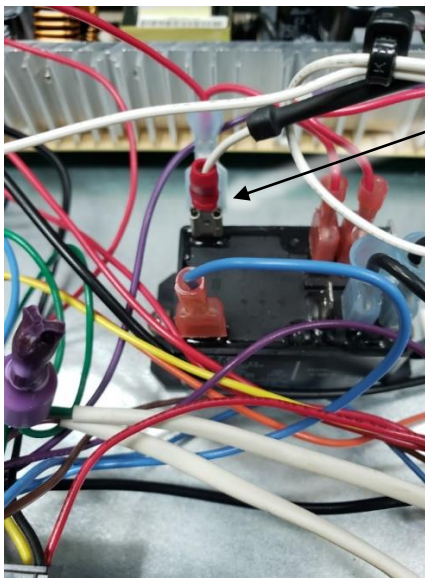


FIGURE 4

Step #9 Expose the power box assembly from the NIC unit. (See Figure 2 for location)

Step #10 Remove the cover from the NIC Power Box

Step #11 Connect the light harness to the locations shown in (Figure 5) within the power box



The conductor with the piggyback terminal goes here on the refrigeration relay in position 1 and the existing terminal goes onto the piggyback

The other conductor (Wire only) needs to be stripped, twisted, and inserted into the location on the back of the controller as shown in the third position.

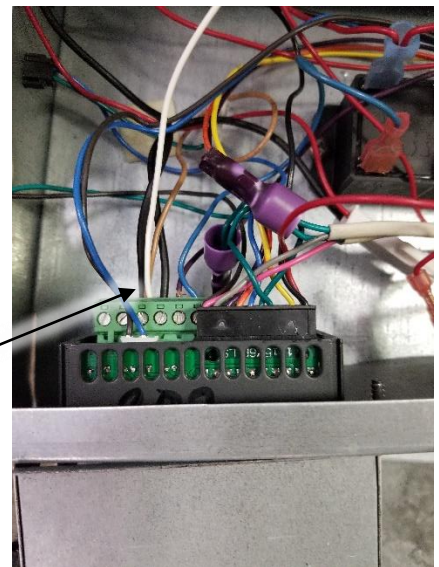


FIGURE 5

Step #12 Route the light harness 1265946 starting from the control box up through the corner mold on the NIC unit, and through the side trim, then out of the 1/4" hole drilled earlier, using fish tape or similar method. (See Figure 6)

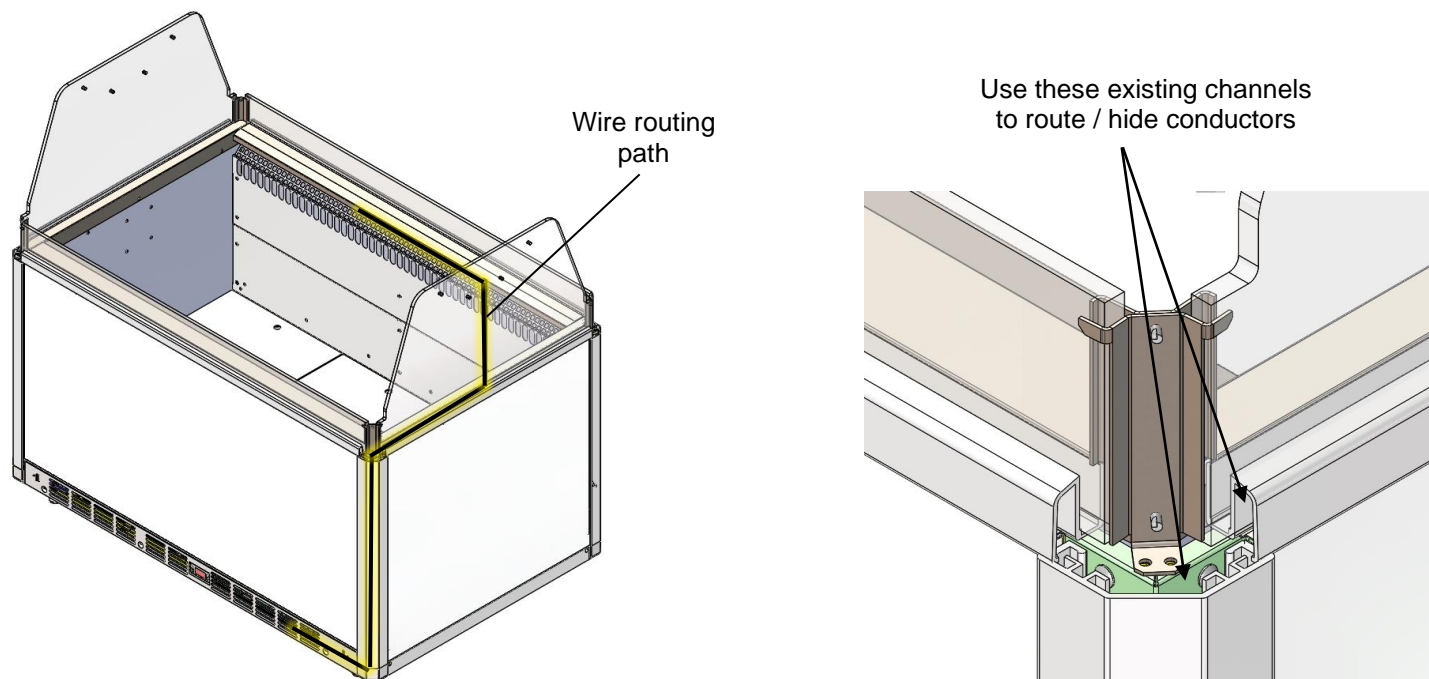


FIGURE 6

Step #13 Route the light harness up into the slot on the side panel 1262475 and then through the hole. Note: This slot will be covered by a decal in a future step (See Figure 7).

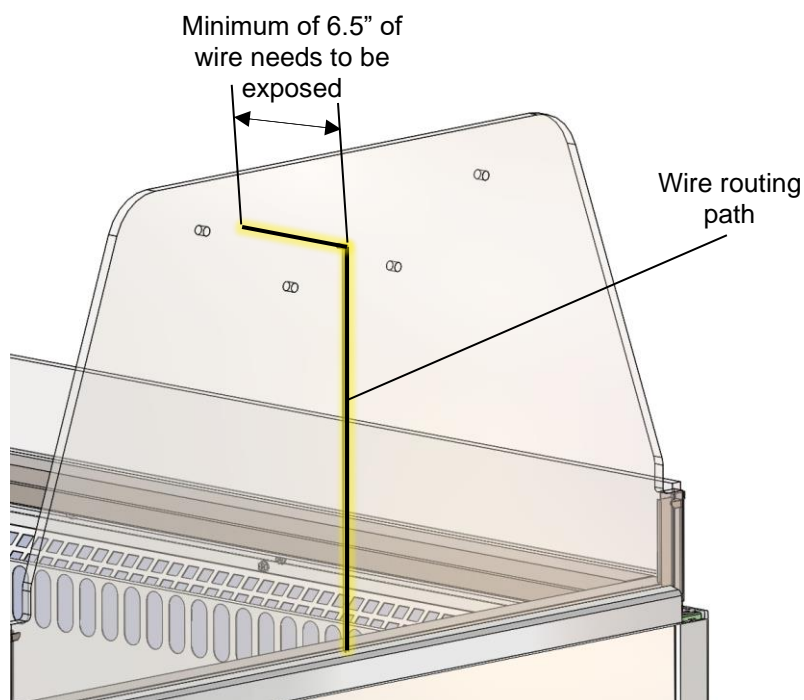
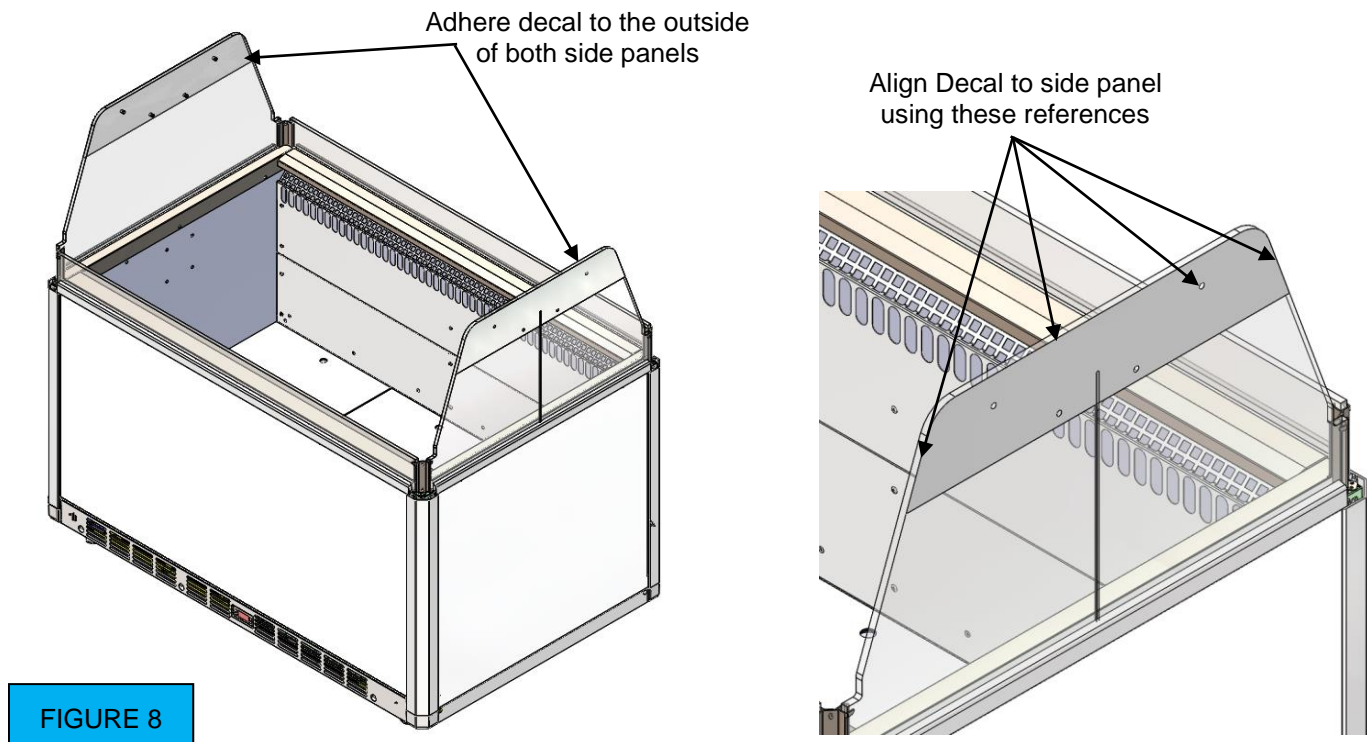
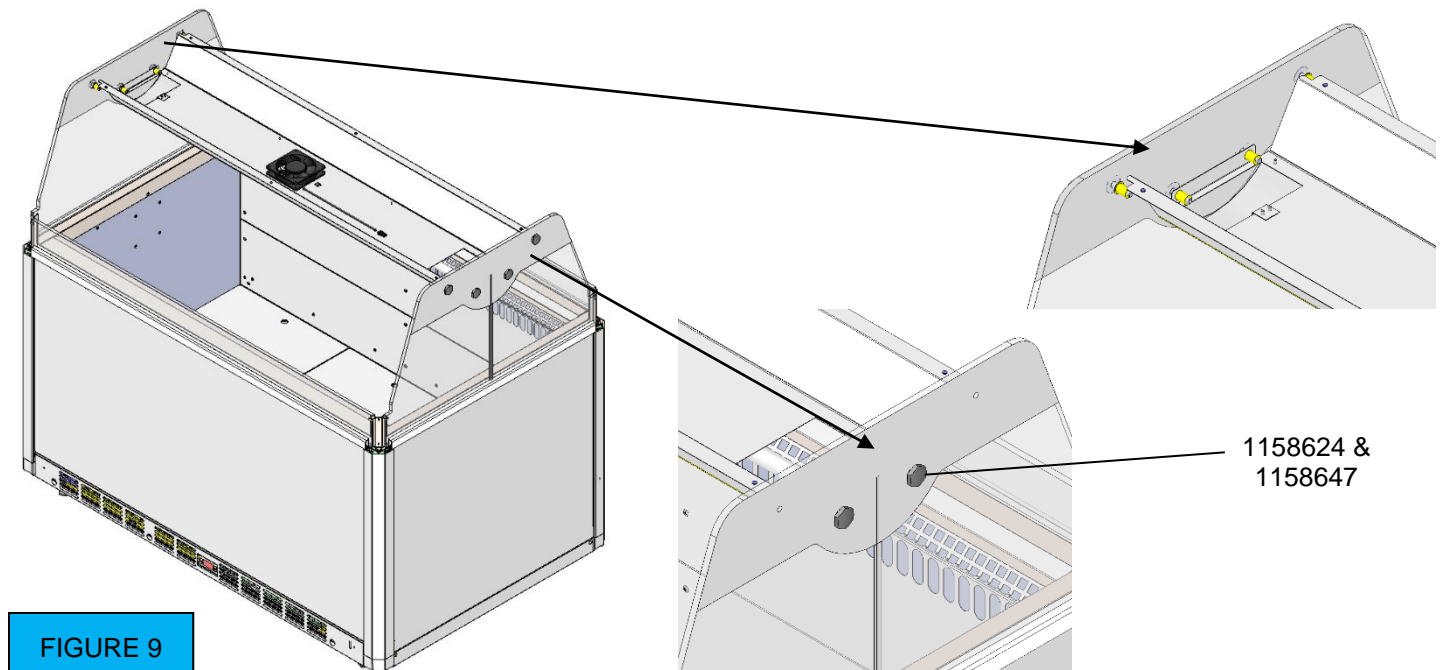


FIGURE 7

Step #14 Adhere DECAL, SIDE, NIC TOP (1264892) to the new NIC Topper side panels (1262475 and 1262475-1). Align with the top surface of the side panels, the side surfaces, and the holes. (See Figure 8)



Step #15 Install the ASY, SUPT, BEAM, COVER, NIC (1265954 (NIC 183) or 1266197 (NIC 143)) using 4x thumb screws (1158624) and 4x washers (1158647) in-between the side panels (See Figure 9)
Note: take caution not to rub the painted panel support beams against the clear side panels as it could mark the surface.



Step #16 Install the center light bracket (1265873) onto the bottom of the support beam using 1x (V802213) screw. (See Figure 10)

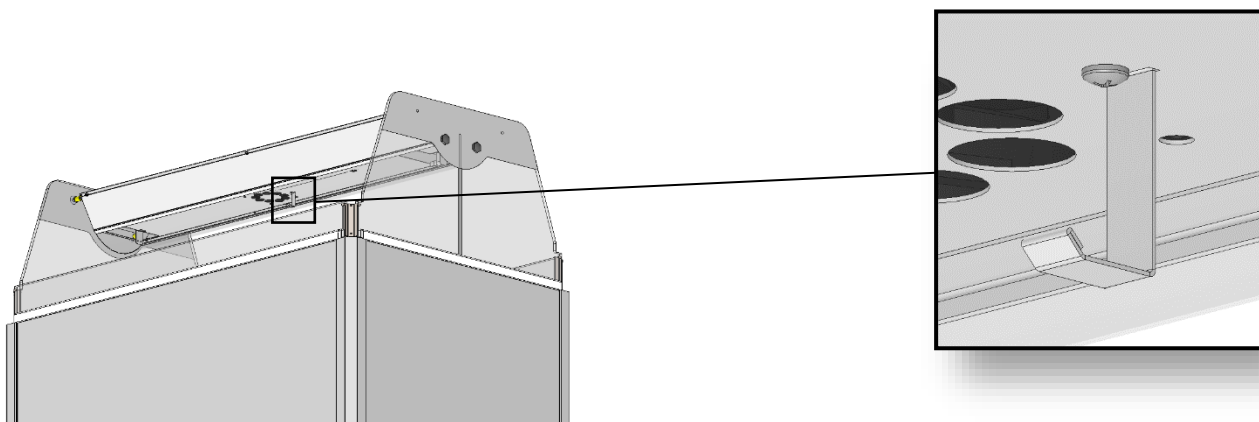


FIGURE 10

Step #17 Install the end light bracket (1265865) onto the bottom of the support beam using 2x (V802213) screws. (See Figure 11)

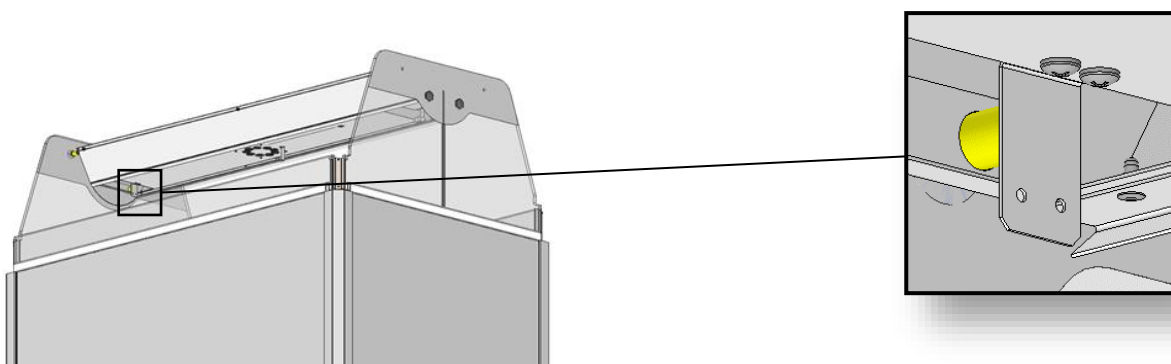


FIGURE 11

Step #18 Install the LED Plunger (1151265) into the support beam. (See Figure 12)

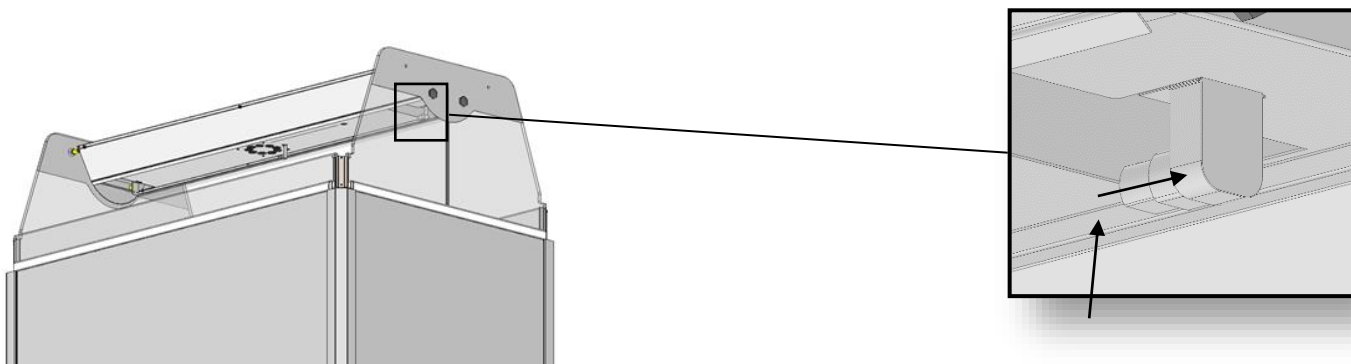


FIGURE 12

Step #19 Plug harness into the light plunger (See Figure 13)

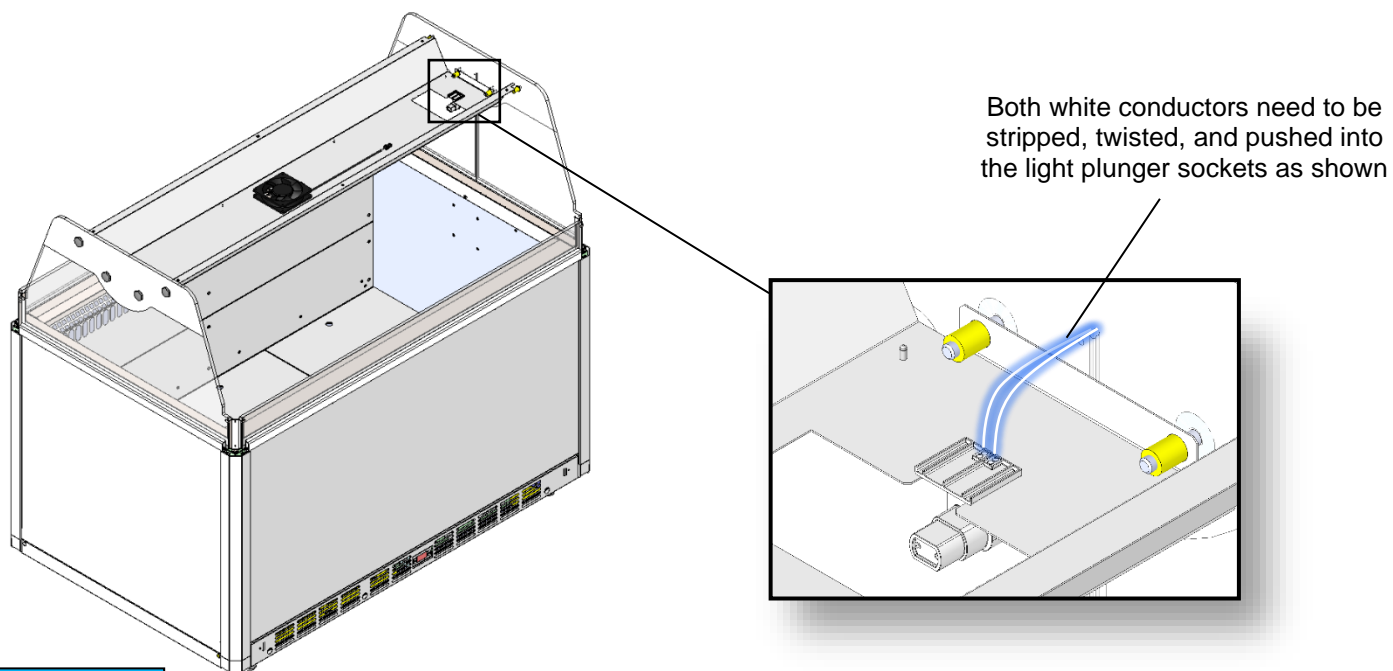


FIGURE 13

Step #20 Plug Fan harness (1271253) into the light plunger & connect harness to the fan (See Figure 14).

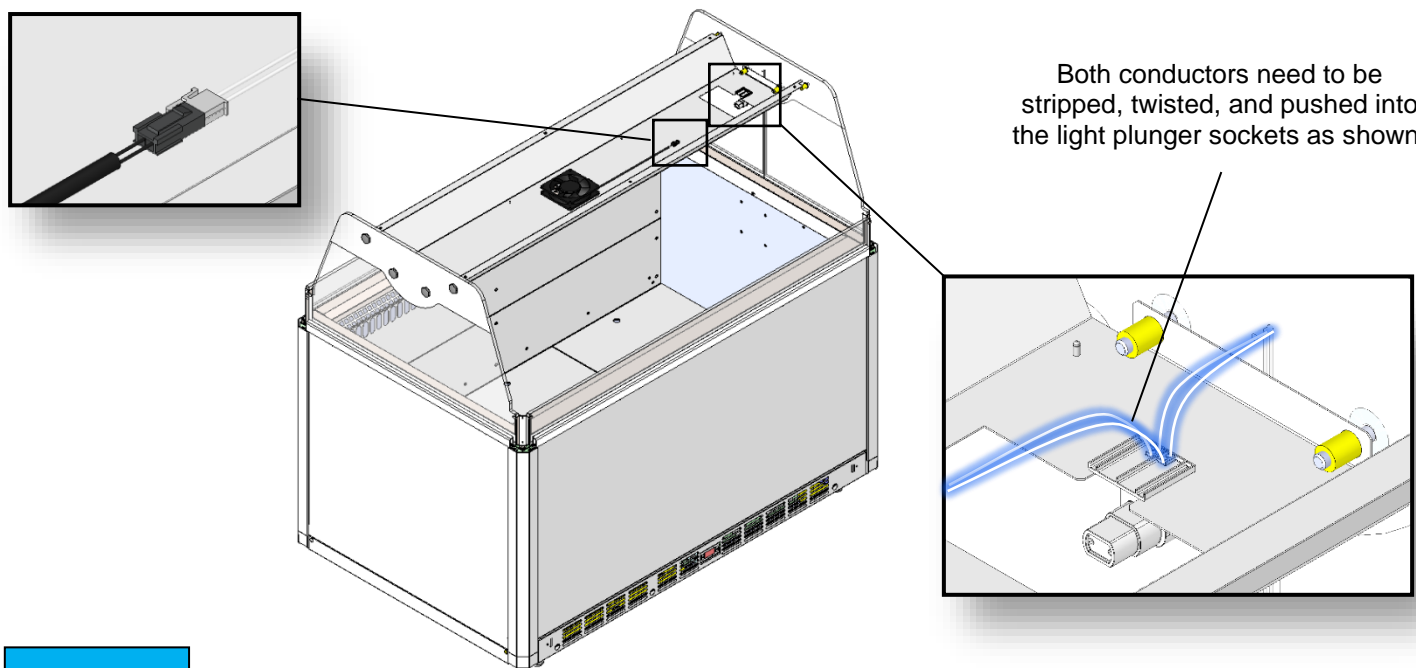
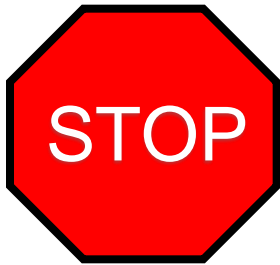


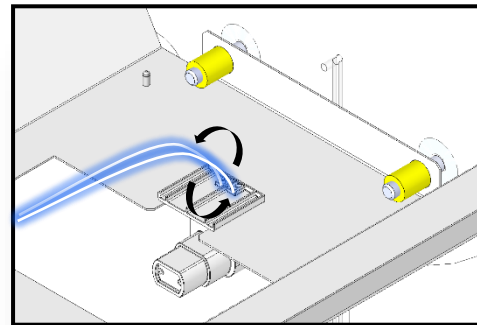
FIGURE 14



Before proceeding to the next step briefly energize the unit and confirm the light and fan operate normally. Follow the instructions below.

| Light | Fan | Instruction |
|-------|-----|--|
| ON | ON | Move to next step in this instruction. |
| ON | OFF | Reverse fan lead wires. See figure 14-A |
| OFF | OFF | Confirm 24 VDC at the Light bulb plunger. Check wiring at the power box. |
| OFF | ON | Check Bulb is inserted correctly. |

FIGURE 14-A



Step #21 Attach ASY, SHELF, COVER, NIC (1266144 (NIC 183) or 1266152 (NIC 143)) to the support beam using 8x (NIC 183) or 6x (NIC 143) nuts (V802113). (See Figure 15)

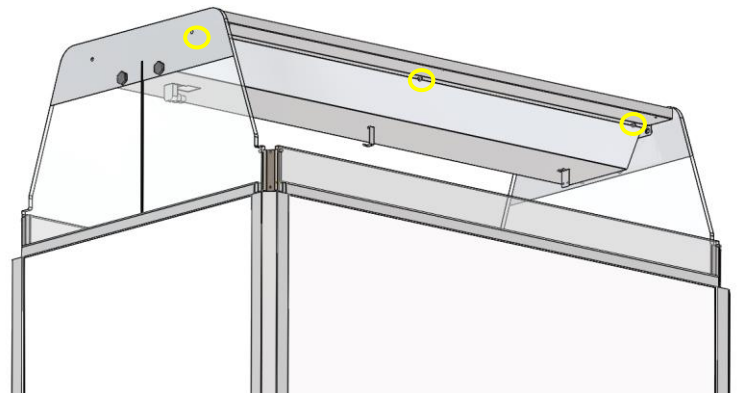
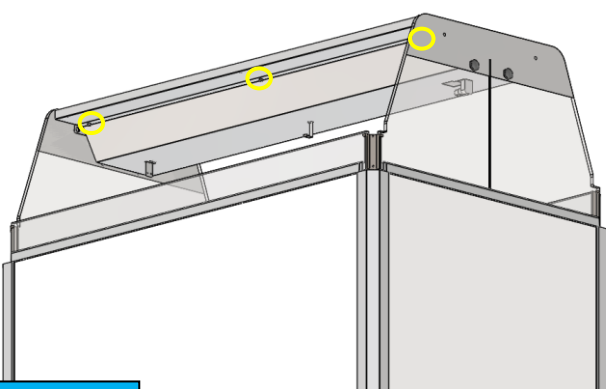


FIGURE 15

Step #22 Attach ASY, SHELF, COVER, NIC (1266144 (NIC 183) or 1266152 (NIC 143)) to the NIC Topper side panels (1262475 and 1262475-1) using 4x thumb screws (1158624) and 4x washers (1158647) (See Figure 16)

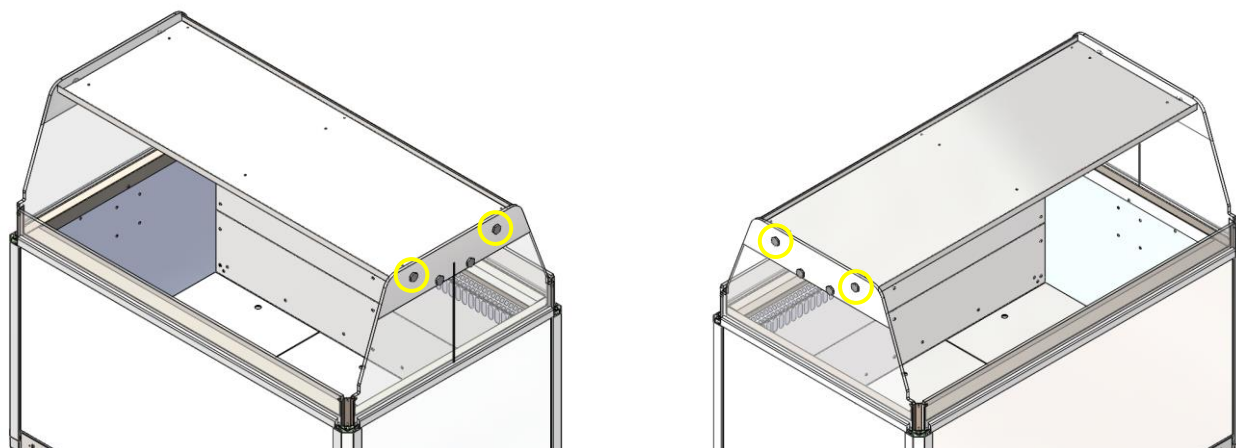


FIGURE 16

Step #23 Attach 2x PNT, FLG, COVER (1265903 (NIC 183) or 1266128 (NIC 143)) using 8x (NIC 183) or 6x (NIC 143) nuts (V802113) (See Figure 17)

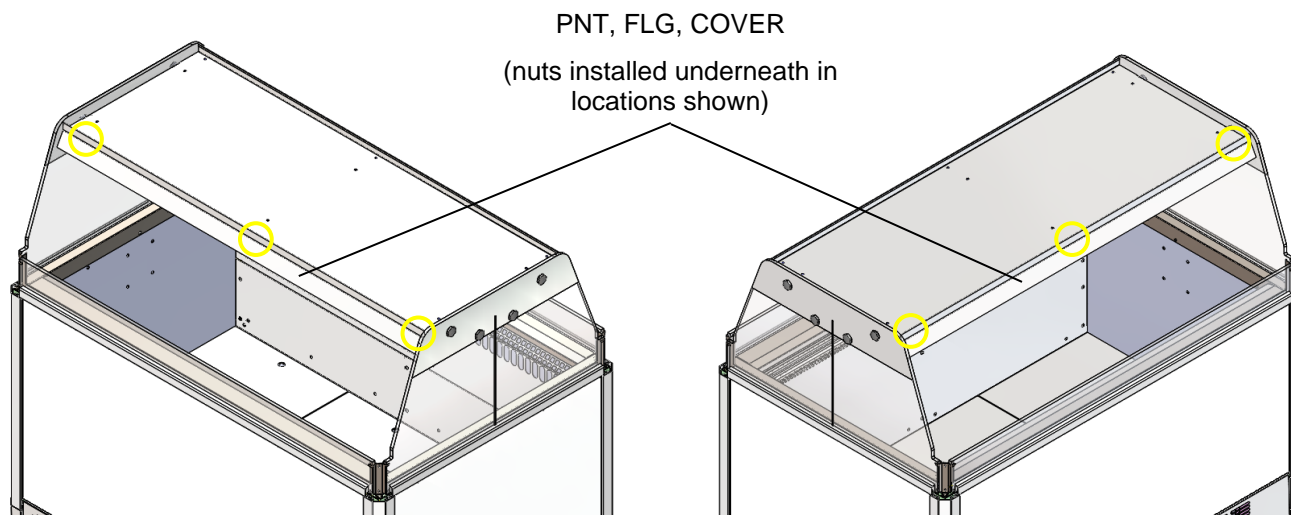
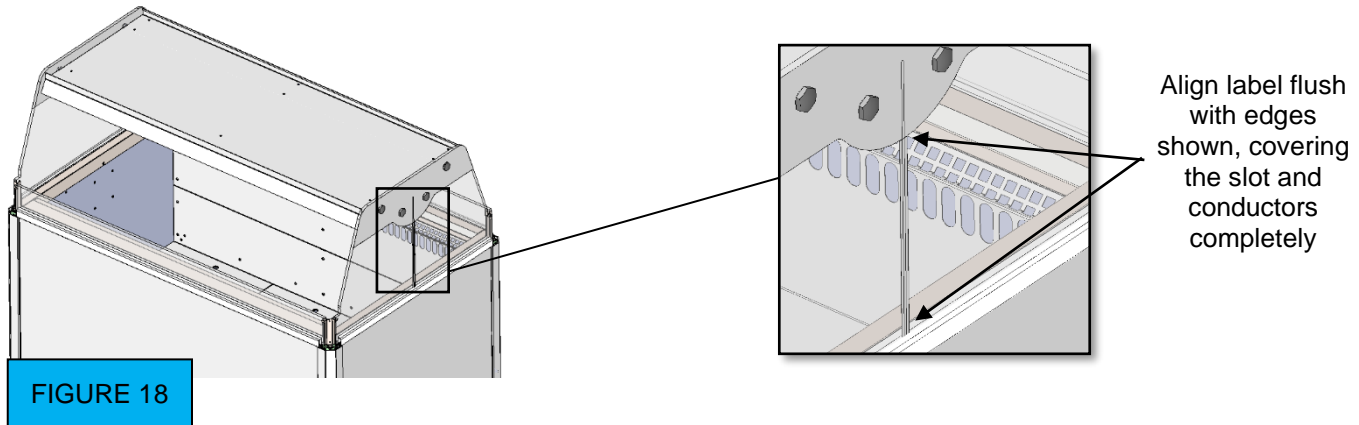


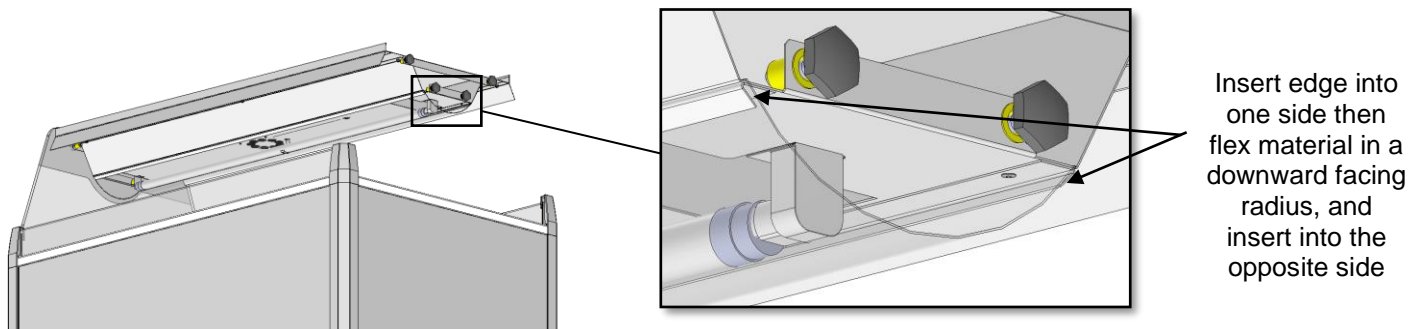
FIGURE 17

Step #24 Adhere DECAL, WIRE COVER, NIC TOP (1265822) to the new NIC Topper side panel (1262475) Covering the wire slot, and inset conductors. (See Figure 18)



Step #25 Install LED Light (1237136-4) into the plunger (1151265) and end light bracket (1265865) using the center light bracket (1265873) to support it in the center. Note: Light must be installed with the “power” end into the plunger (1151265)

Step #26 Install the Lens Cover (1280288) into the holder as shown. Side panel removed for clarity.



Step #27 Re-install the power box cover and insert the powerbox back into the NIC unit.

Step #28 Re-install the corner cover from previous step #2

Step #29 Re-energize the NIC unit and confirm light and condensation fan is powered on.

Step #30 Replace product once the unit has cooled below 0 °F