

Joining Multiple Cases

To properly join two case sections, the following items will be necessary:

1. The bag of assembly hardware (wrapped with the metal seaming pieces) that were shipped with the unit: black screws, nuts, bolts, and washers
2. The galvanized pan to pan seam cover (front and rear) that were shipped with the unit
3. The gloss black upper and lower seam covers that were shipped with the unit
4. The stainless-steel front window support that was shipped with the unit
5. 12' length of coiled cart guard bumper that was shipped with the unit
6. The 6"x72" plexiglass front windows that were shipped with the unit
7. Silicone adhesive caulking

Tools Needed:

8. Phillips screwdriver and/or cordless drill driver with Philips bit
9. Adjustable wrenches

AND/OR

10. Socket sets with a 3/4" socket

Pieces included with the case (plexiglass front windows and bumper not shown):

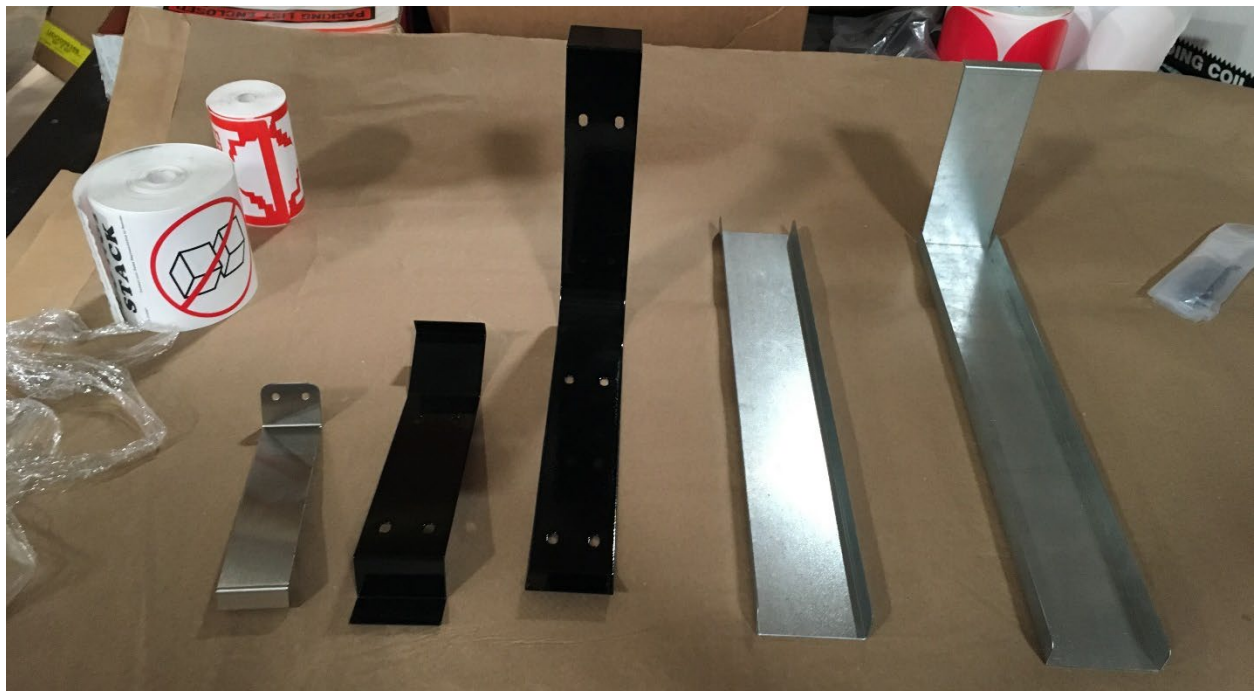
- a. One bag contains nuts, bolts, and washers (3,3,6)



- b. One bag contains black domed Philips head screws



- c. The metal parts included (from left to right and not necessarily in the orientation they will be in when installed): window center support, upper seam cover, lower seam cover, pan to pan seam cover front, pan to pan seam cover rear



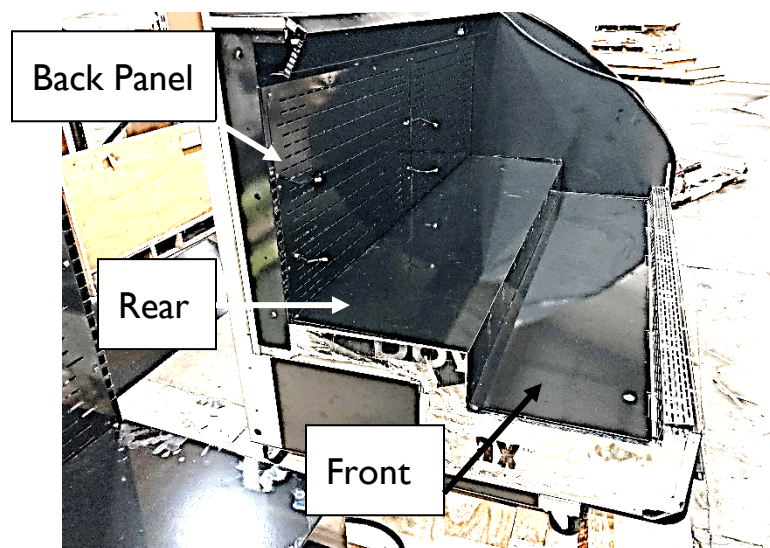
Step 1: position both halves of case for joining.



- a. Move the left half and the right half of the case into the final desired installation location. Position the two halves in their final location. This is a pre-check to test for fit.
- b. Separate the two halves so that the joining faces are exposed and accessible.

Step 2: remove interior deck panels

- e. Unscrew and remove the front and rear deck panels and the back panel closest to the inside seam, setting aside for later
- f. The lower honeycomb retainer only needs to be unscrewed for the side having the back panel removed, and does not need to be fully removed from the case
- g. **BE VERY CAREFUL** to lay to panels top side up and/or cover them with a soft, protective material. Failure to do so may result in scratches to the protective black coating.



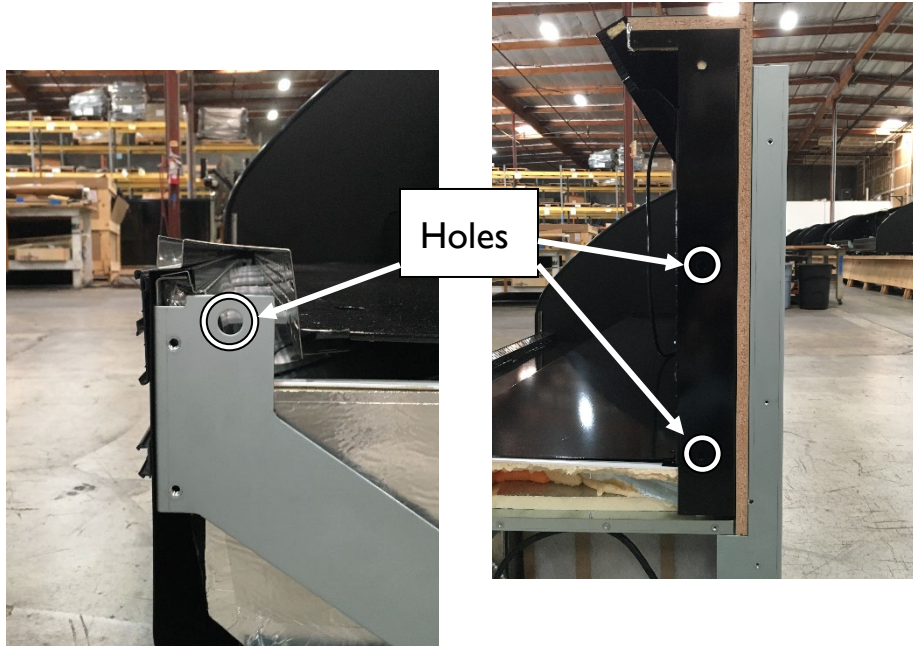
Step 3: silicone caulk interior side of both cases

- a. Apply a thick, generous portion of caulking to **both** halves of the exposed joining faces of the cases. It is very important that enough caulking is used to prevent air leaks. The white and gray on the picture below shows where caulking needs to be applied in this step.



Step 4: install the joining bolts

- a. Push the two halves of the cases together. There are 3 undercarriage-joining bolts, 3 lock-nuts, and 6 flat washers. The bolts holes are circled on the pictures below.

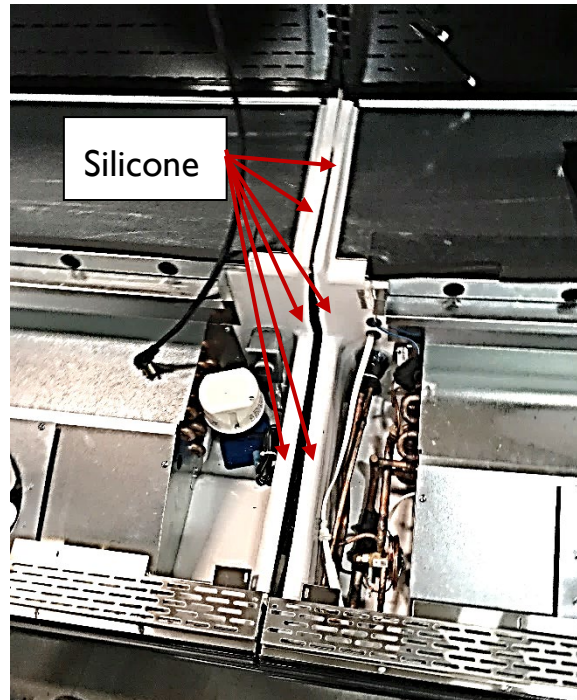


- b. Install the joining bolts through the left and right frames along with washers, lock-washers, and lock nuts. The proper order for the washers as shown in the picture below is bolt, flat washer, frame, frame, flat washer, lock-nut. It does not matter which side of the center seam the nut is on.

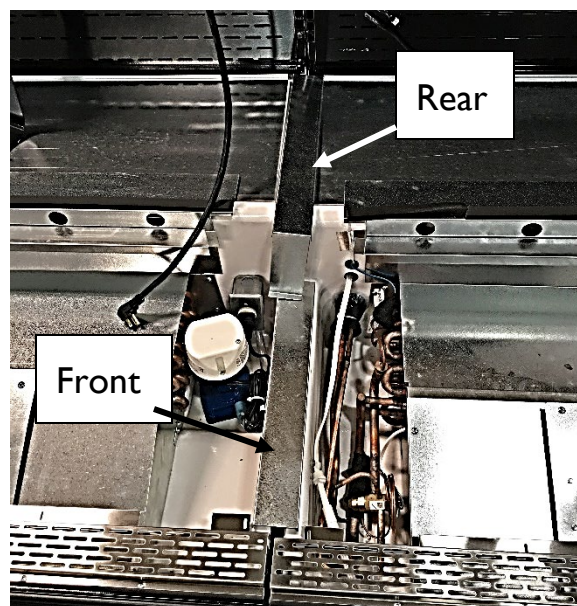


Step 5: install the pan-to-pan seal joining the acrylic drain pans

- a. Apply a generous portion of caulking to the inside seams of the pan as shown below.



- b. Begin installing the pan-to-pan seals by first placing the **rear seam cover** (L-shaped channel) along the rear step of the pan
- c. The **front seam cover** (flat u-channel piece) will sit on top of a small tab at the end of the rear seam cover and run up to the air return grill

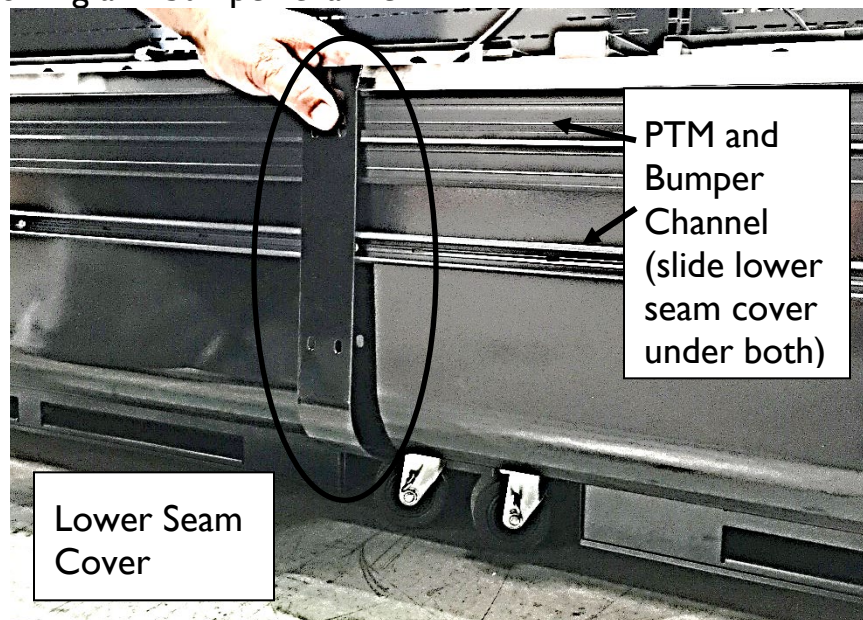


Step 6: install the glossy black seam covers

- a. On the glossy black top shroud of the case, install the upper seam cover
- i. If there are screws in place along the top shroud, remove them first, install the seam cover, and replace the screws

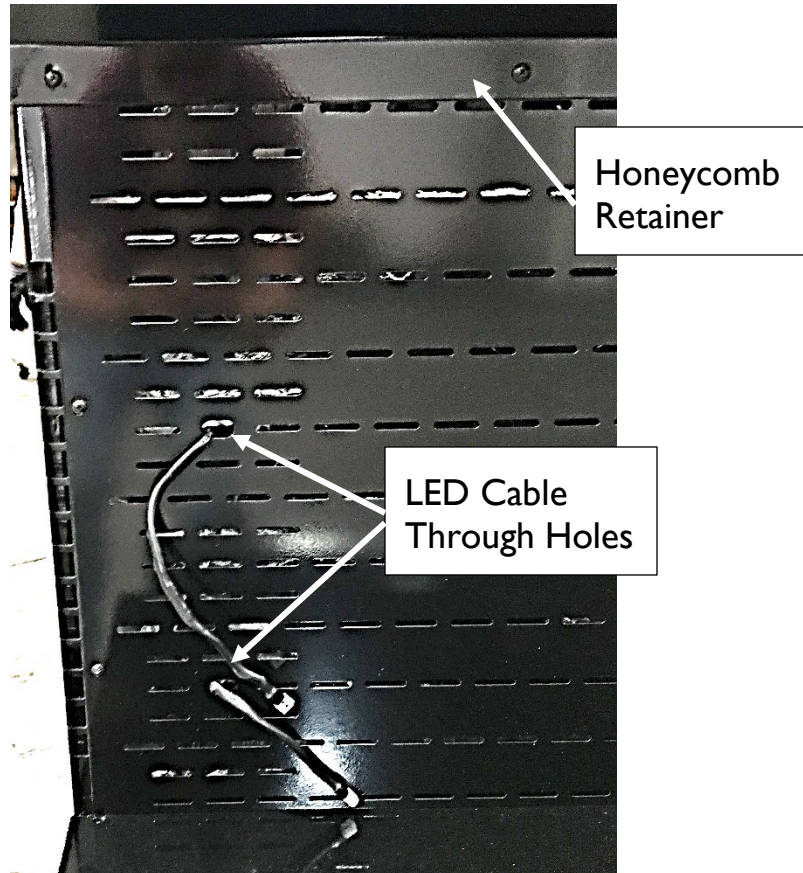


- b. On the lower front of the case, the lower seam cover will be slotting behind any price tag molding (PTM) and bumper channel. The bumper channel should have the first one or two screws removed; the PTM uses double stick tape and can just be peeled back.
- i. Screw down the lower seam cover with the provided screws and reattach the price tag molding and bumper channel

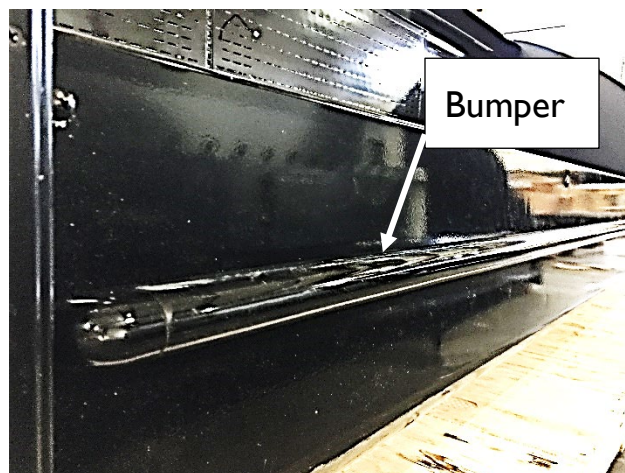


Step 7: reinstall the interior metal panels and install bumper

- a. Place the inner back panels in by sliding them under the lower honeycomb retainer. Be sure to pull any LED connector cables through the designated holes **before** screwing the panel back in (LED cables not on all models)



- b. Replace first the Rear Deck and then the Front Deck on top of that, and screw down
- c. Snap in the 12' length of bumper to the bumper channel

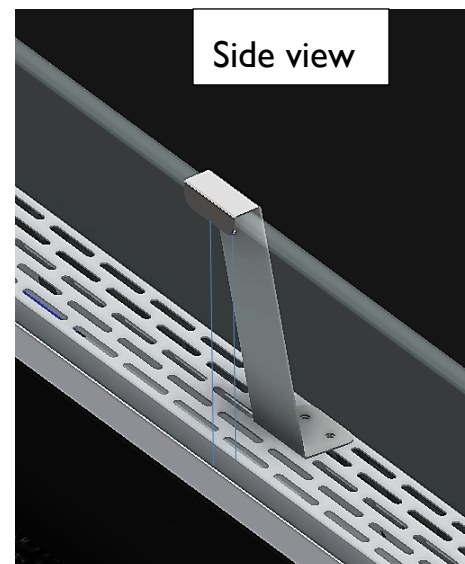
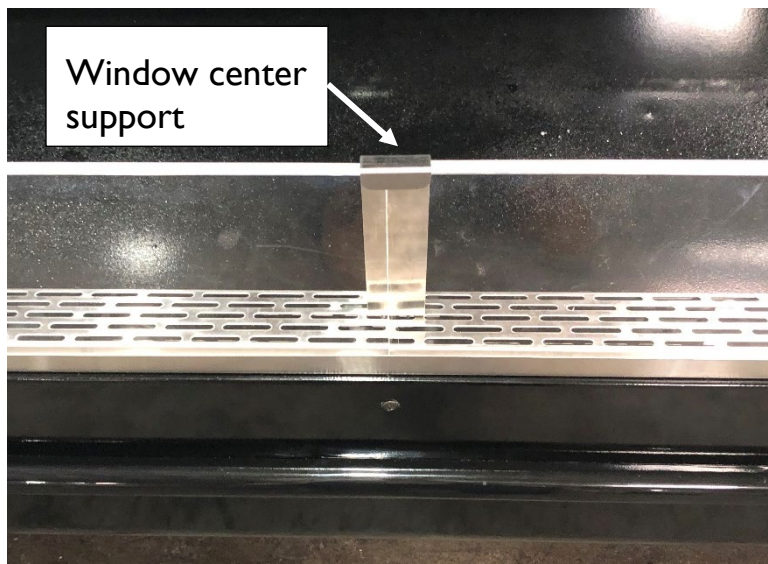


Step 8: install the front window support

- h. Take the two 6' front window retainers and slot on into each side of the joined case along the channel of the side retainer and the air return grill



- i. The front window support goes between where the two pieces of glass come together in the center of the case. Slide the support over the installed glass with the two screws holes toward the inside of the case. Attach the front window support with provided screws into the return air grill as shown in the picture below.



The two halves are now completely joined together. Shelves and shelf retainers may now be installed per store specifications.

Should you have any further questions please call Killion Customer Service at 1-800-421-5352.

