Fusion**3**

EDGE 3D Printer

REPAIR:
PACKING UP EDGE
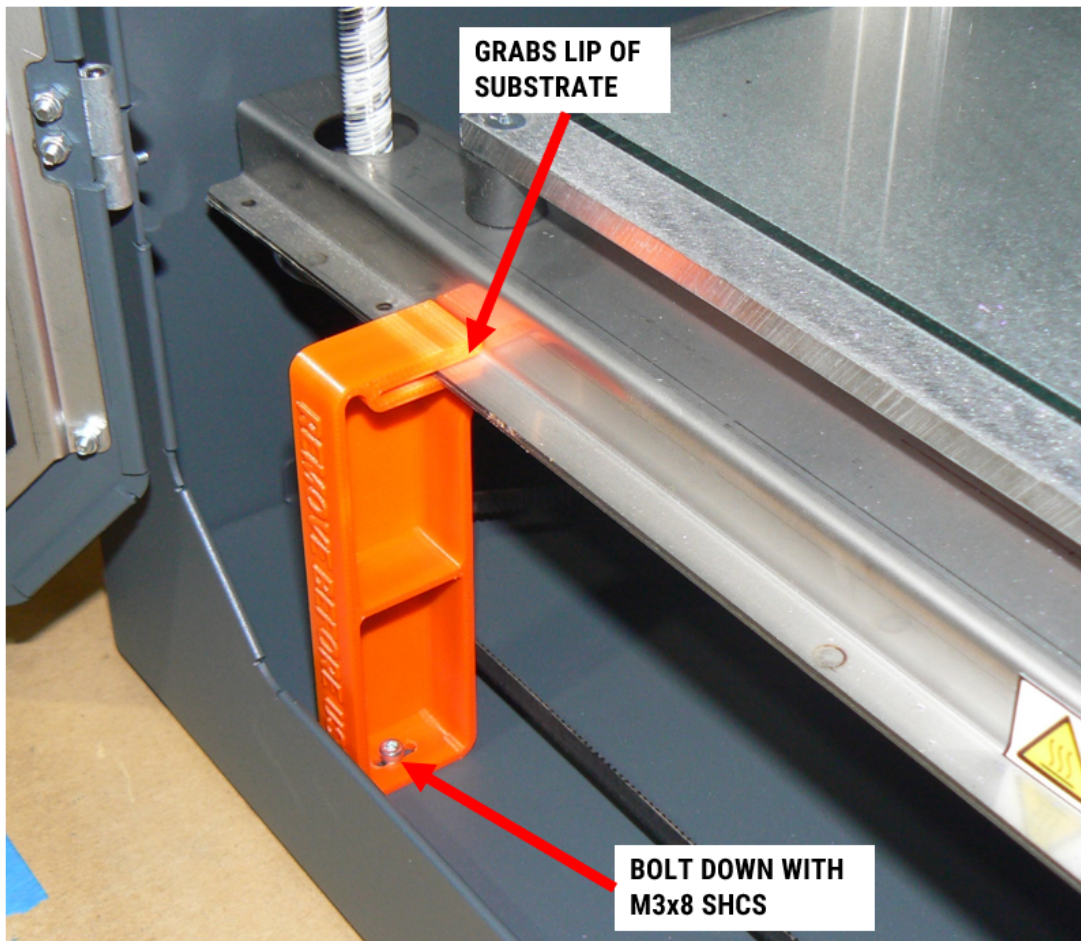
Revision 10/14/2022

PACKING UP EDGE FOR RETURN TO FUSION3

How to correctly pack up EDGE for safe return to Fusion3 for service or repair.

IMPORTANT: Keep all accessories, tools, filament, and other extra items your printer came with. If you're receiving a replacement or swapped printer from Fusion3, it will NOT come with these items.

PREPARATION

1. Unload filament and remove the filament spool from the filament bay.

2. Remove the filament rollers from the filament bay. Keep them.

3. If equipped, remove the stack light and keep it.

4. Install the 2 Z axis shipping fixtures.

   a. Slide the notch in the fixture over the lip on the substrate as shown.

   b. Position the fixture over the threaded hole in the base of the machine.

   c. Adjust the height of the Z axis while installing a M3x8 or M3x10 SHCS into the bottom of the fixture to secure it to the base of the machine.

GRABS LIP OF SUBSTRATE

BOLT DOWN WITH M3x8 SHCS

5. Position the print head in the center of its travel.

6. Power off the printer.

7. Unplug the power and ethernet cables. Keep them.

PACK UP EDGE

IMPORTANT: EDGE must be packed in Fusion3-supplied shipping materials (pallet, box, etc). Use of other packaging may result in damage to the product. If you have not kept these materials, Fusion3 can supply a set at nominal cost.

NOTE: These pictures show an older solid-floor pallet. Your pallet will have a floor of individual cross-members. It's important that you position the printer so that the hold-down wings in step 3 firmly bite into a cross-member for adequate holding force.

1. Lay the pallet on the floor.

2. Using 2 people, pick up the printer and transfer it to the pallet. Position the printer as shown on the pallet. Use the foam blocks as guides to fine-tune position as shown.
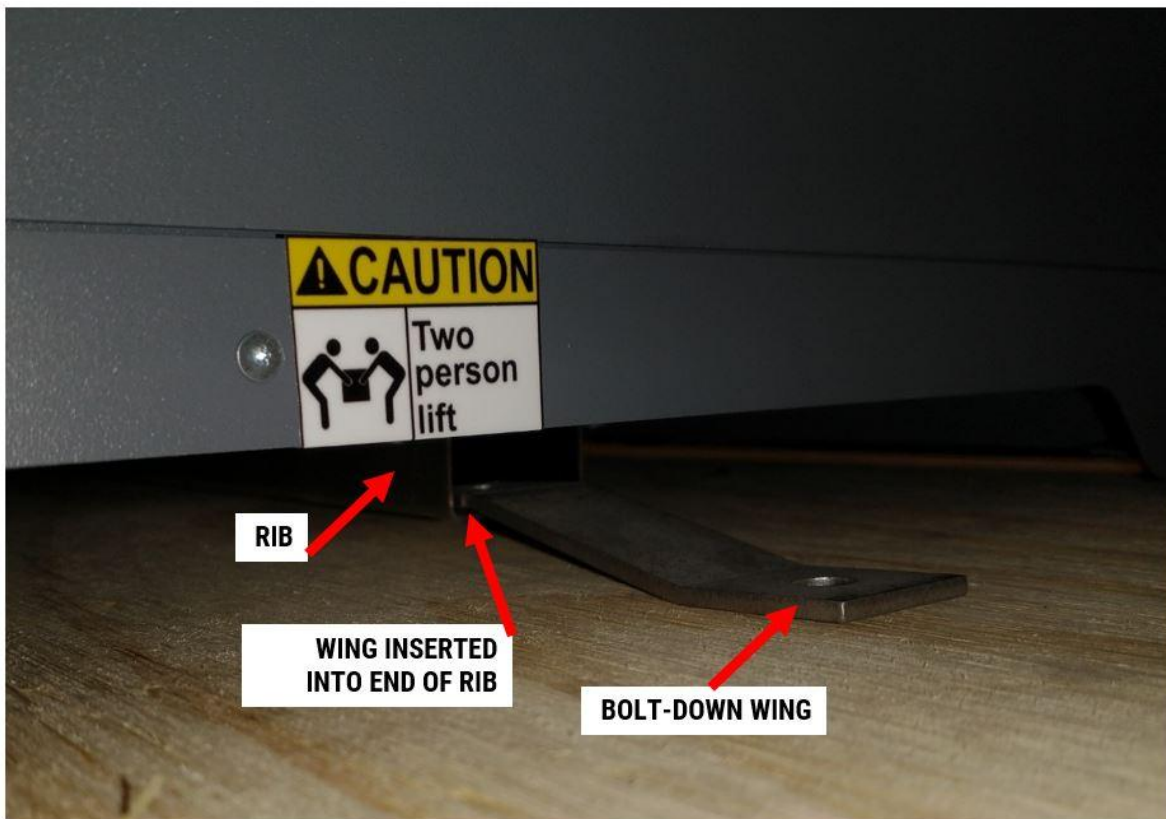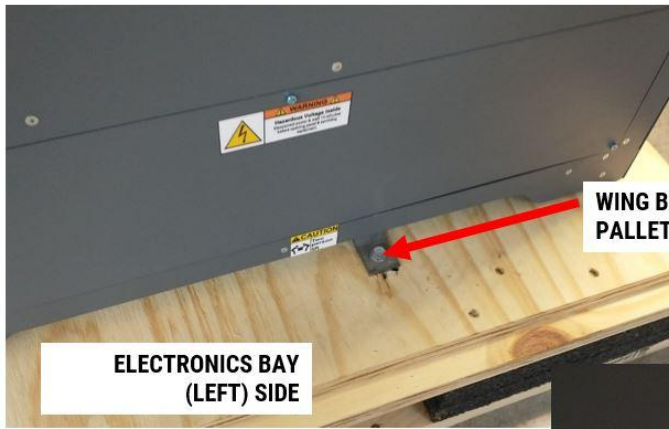
SIDES

BACK

3. Bolt the printer down to the pallet using the 2 metal "wings". Use the included 10mm hex head bolts to fasten these to the pallet. The wings should slide into one of the two bottom ribs on the printer to hold it down. The wings do not bolt onto the printer itself, only the pallet.
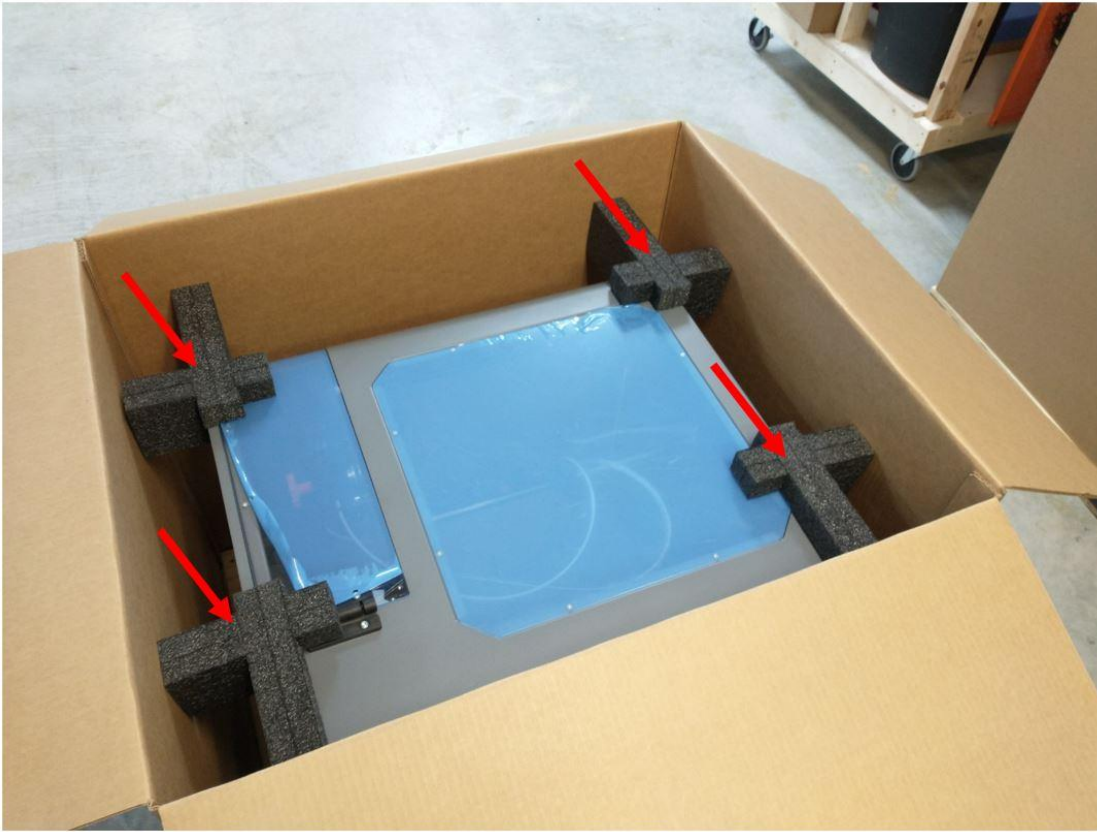

RIB

WING INSERTED
INTO END OF RIB

BOLT-DOWN WING

WING BOLTED TO PALLET

ELECTRONICS BAY (LEFT) SIDE

RIGHT SIDE

4. Slide the cardboard sleeve over the printer. Make sure the edge of the sleeve registers against the "step" in the pallet to keep it in position.

LIP FOR SLEEVE

5. Install the upper foam blocks

6. Install the top tray.

7. Fold the top of the box over and tape it down.

8. Band the box to the pallet with at least 2 bands. Make sure the sleeve is correctly positioned on the pallet before tightening the bands fully.

9. Apply Fusion3-supplied shipping label and wait for pickup.