

Fusion3

EDGE 3D Printer

MAINTENANCE: GAINING ACCESS FOR MAINTENANCE & REPAIR

Revision 5/28/2022

GAINING ACCESS FOR MAINTENANCE & REPAIR

How to gain access to all parts of EDGE for maintenance or repair

There are 4 panels that can be opened or removed for service:

1. Main door
2. Top window
3. Rear service panel
4. Electronics bay service panel

It is **NOT** necessary to remove any additional panels or sheet metal parts from the machine to access EVERYTHING. All other sheet metal components are major structural components and removing them may render your machine **permanently inoperable** unless you return it to Fusion3 for a factory rebuild.

MAIN DOOR

Simply open or close the main door as normal. There is no need to remove the door from the machine.

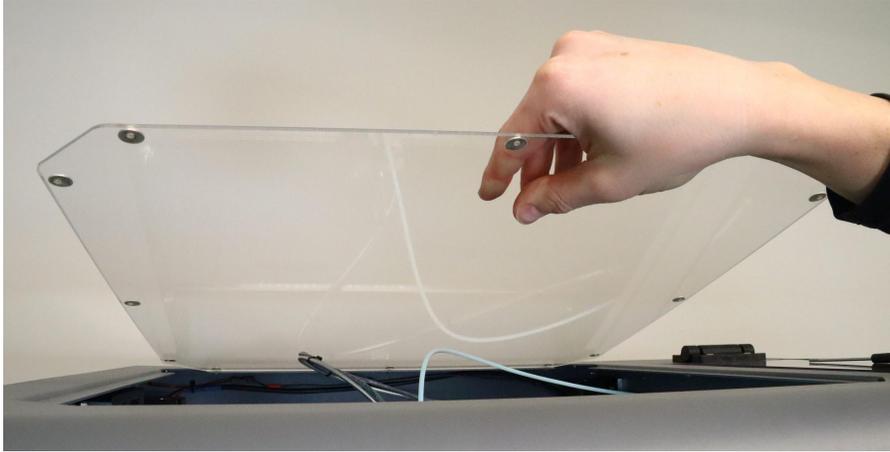
TOP WINDOW

The top window is held in with magnets so it's easy to remove for service.

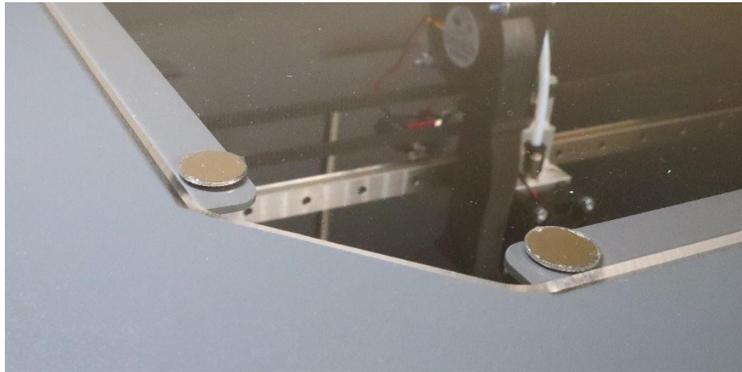
1. Open the main door and push the window up from the inside to pop the magnets loose.



2. Grab the window with your other hand and remove it from the printer.



To reinstall, simply drop back into place and make sure it sits flush with the outside face of the chassis. The magnets go out the **outside** (aka top) face of the window

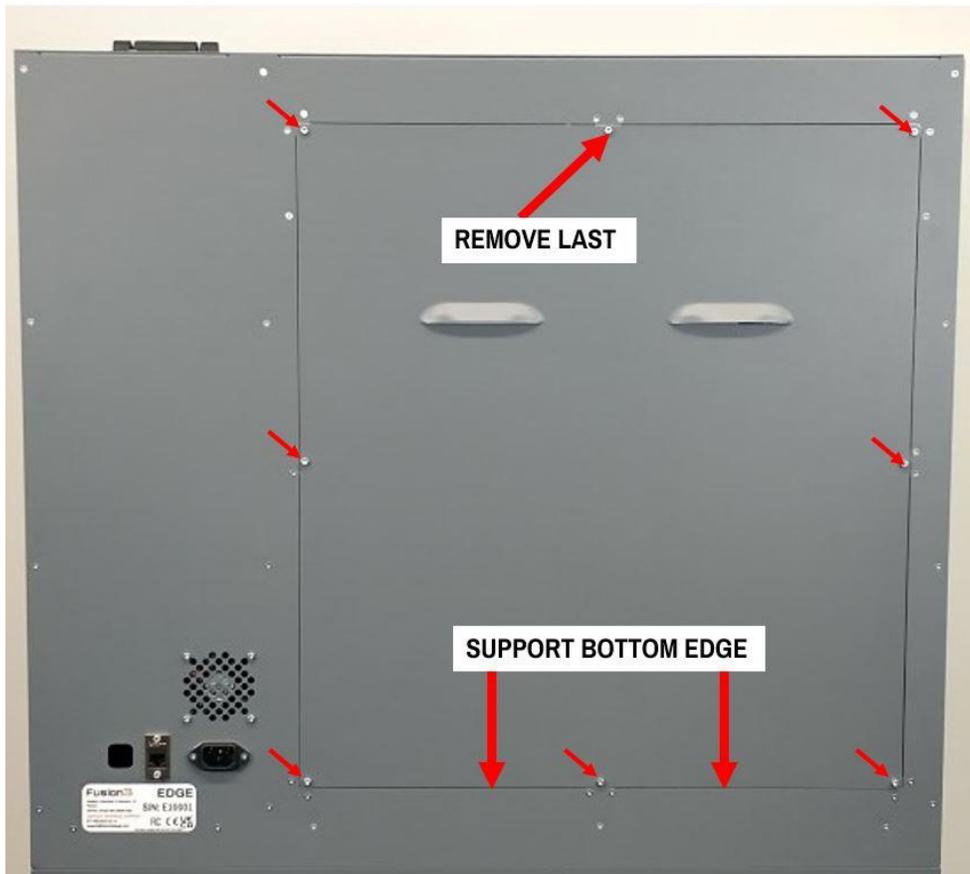


REAR SERVICE PANEL

The rear service panel comprises most of the rear wall of the print chamber.

Position EDGE so that you can access the outside rear face of the unit.

1. Remove the 9 M3x6 SHCS screws and set them aside. Remove the center-top screw last so you can get your hand under the bottom edge to support it as you remove the last screw.



ELECTRONICS BAY SERVICE PANEL

The electronics bay service panel gives access to the electronics of EDGE without removing the electronics sled from the machine.

WARNING: High voltage components are present inside the electronics bay. You should unplug the unit from the wall and wait 5-10 min before opening the electronics bay for service.

1. Position EDGE so you can access the outside right face of the unit.
2. Remove the 9 M3x6 SHCS screws and set them aside. Remove the center-top screw last so you can get your hand under the bottom edge to support it as you remove the last screw.



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