

Front Panel Replacement

Rev 1.0 - 240401

FOR LOCUTUS SEE PAGE 4

Tools & Materials Required

- Replacement Front Panel for your Rossum Module
- Small Straight Slot Screwdriver
- 10mm nut driver
- 5/16" nut driver
- At least 1 container for storing nuts and washers

Steps

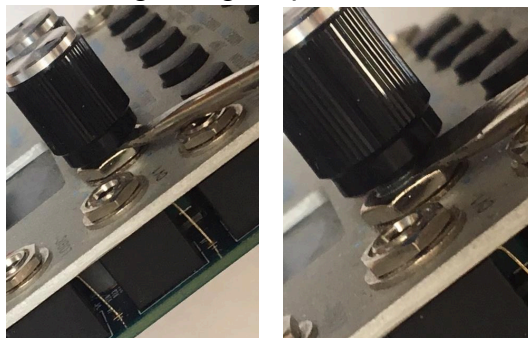
Prepare

1. Verify your module is functioning properly
2. Disconnect Power
3. Remove from Rack
4. Place the module on a stable, preferably non-conductive, surface. A clean, dry, piece of cardboard will do.

Remove Current Front Panel

Knobs come in two types, straight sided (pots) and with flared skirts (encoders). The removal process is the same for both.

5. Use the small straight slot screwdriver to pry gently in several places around the bottom of each knob while lifting straight up.

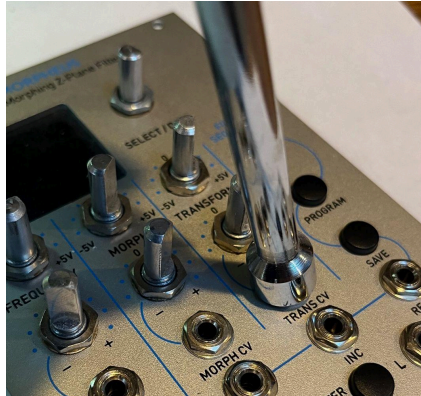


If the screwdriver will not press against the mounting nut, use a piece of cardboard or tough plastic under the screwdriver to prevent scratching the Front Panel. Go slowly and gently to avoid separation of the nylon inner sleeve from the aluminum knob. Very occasionally the metal knob may separate from the

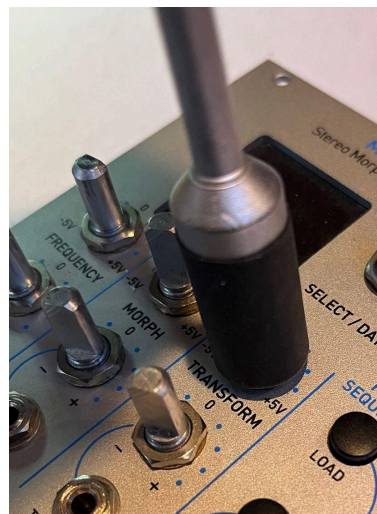
nylon inner sleeve when removed. Don't panic! Refer to the "Separated Knob Repair" document should this occur.

When prying skirted knobs be certain to insert the screwdriver fully under the knob to avoid damage to the skirt.

6. Use a 5/16" nut driver to remove the nuts that hold the jacks in place on the front panel. Also remove the washers. Set everything aside in a container(s).

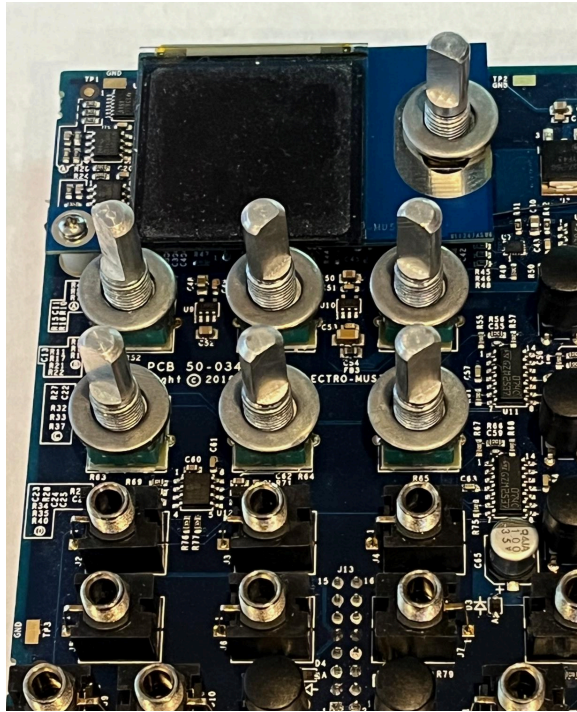


7. Remove the nuts beneath the knobs with a 10mm nut driver. Be very careful not to scratch the panel during this operation. Covering the nut driver with heat-shrink tubing or tape can be helpful. The skirted knob will not have a washer under the nut, the non-skirted knobs may or may not have one. The washers under non-skirted knobs are not necessary.



8. Carefully remove the front panel. If it sticks a bit on the buttons, use a pencil eraser to wiggle the button.
9. Be careful not to remove the thick washers that sit on top of the potentiometers and the encoder and beneath the front panel. They sometimes stick to the back

of the Front Panel. Note: Sometimes these washers are greasy. If so, be careful not to touch the panel with greasy fingers, as it will become stained. The washers can be cleaned with soap and water and dried before replacement.



Thick washers on pots and encoder (Shown: Morpheus)

Install Replacement Panel

10. Fit the replacement front panel over the buttons, LEDs and other components.
Tip: If getting a button through a hole is difficult, use a pencil with an eraser to re-align the button slightly so it fits through the panel hole.
11. Install washers and nuts FINGER TIGHT on the jacks on only the upper and lower corners of the module. If there are no jacks located near a corner, as on the bottom row of Control Forge, select the bottom-most center jack.
12. Power up your module and check that everything still works and that nothing has become disconnected. If there is a problem, remove the nuts and check for anything amiss.
13. Install all washers and nuts. DO NOT OVER TIGHTEN. On an older Control Forge (the jack plastic has a “double D” (or lozenge) shape that fits into the panel) the Jack nuts should be only a little more than finger tight. In ALL CASES, the encoder nut should only be slightly more than finger tight.
14. Press the knobs on fully.

15. (Optional) Check the Rossum Electro-Music web site to make certain you have the latest software for your module.

Installing a new Front Panel on Locutus

Tools & Materials Required

- Replacement Front Panel for Locutus
- Small (#1 or #0) Phillips screwdriver
- A container for holding small screws

Steps

Prepare

1. Verify your module is functioning properly
2. Disconnect Power
3. Disconnect cable from Assimil8or
4. Remove from Rack
5. Place the module on a stable, preferably non-conductive, surface. A clean, dry, piece of cardboard will do.

Remove & Reinstall Front Panel

6. Unscrew 9 philips screws from the front of Locutus and set aside.
7. Fit the replacement panel, being careful of the LEDs and aligning the screw holes in the MIDI port connectors with the holes in the front panel.
8. Insert screws, starting with 1 screw each on the top and bottom ports. Check alignment. Do not tighten completely until all 9 screws are in place.
9. Return the module to the rack.
10. Reconnect the special cable to the Assimil8or