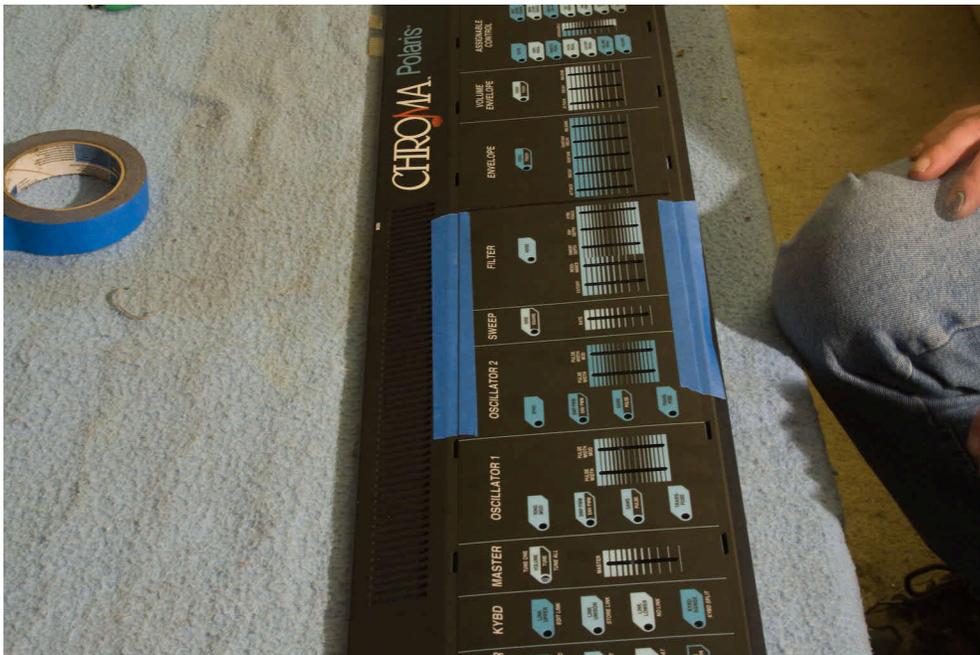


Press the right end of the membrane panel into place.

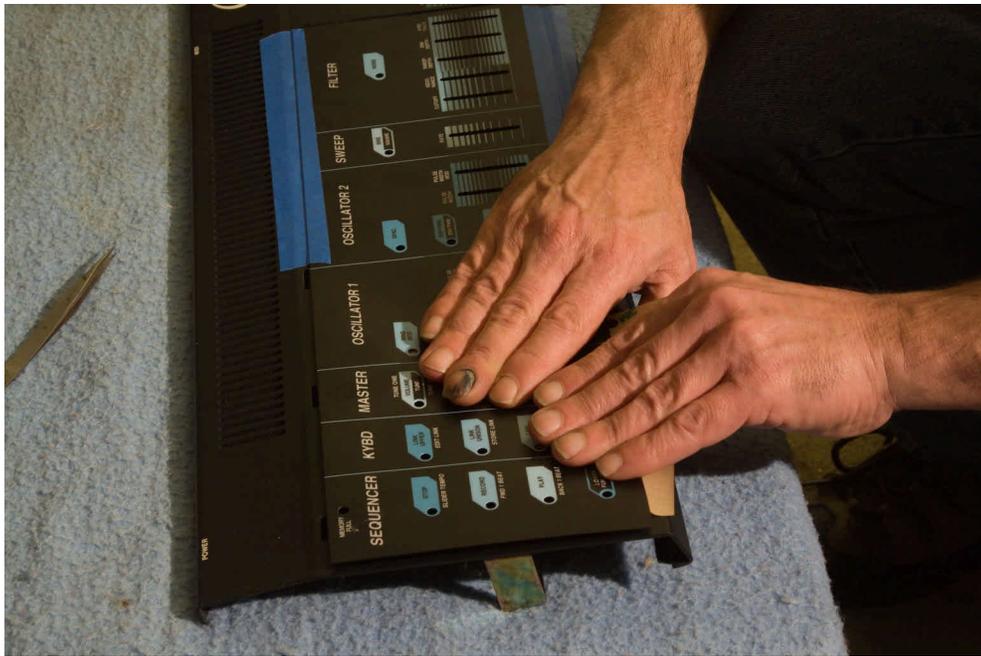


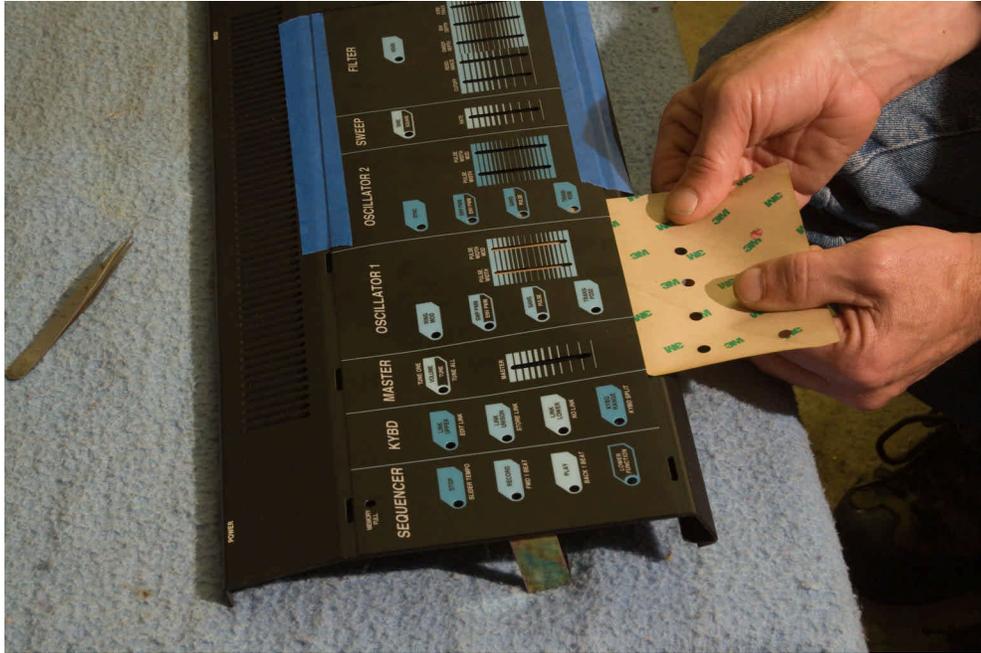
18. Repeat for the left membrane panel

Begin by inserting the tails through their slot, align the panel relative to the molding slots, and tape the right end down with masking tape. Then proceed in the same manner as for the right membrane panel.



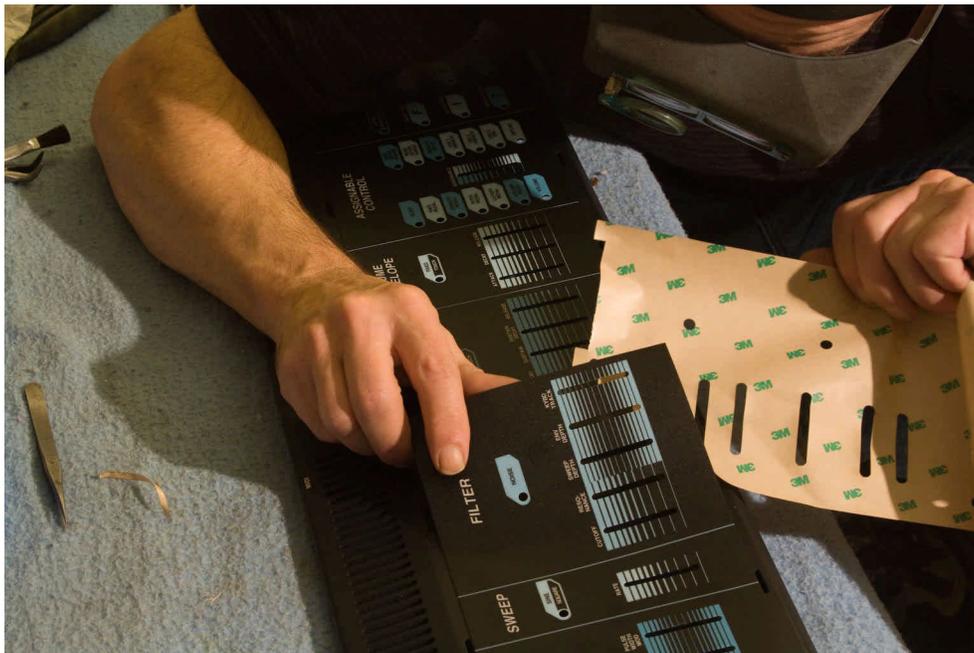








When you remove the rest of the backing paper, the tails will pop out of the slot. Make sure you reinsert them before you begin to stick down the right end of the membrane panel.





Now step back and admire your work.

19. Replace the plastic molding strips

Here we show the short middle strip going in first, but it actually works better to put the two long ones in first.





20. Bring back the rest of the Polaris

You are now ready to put everything back together.

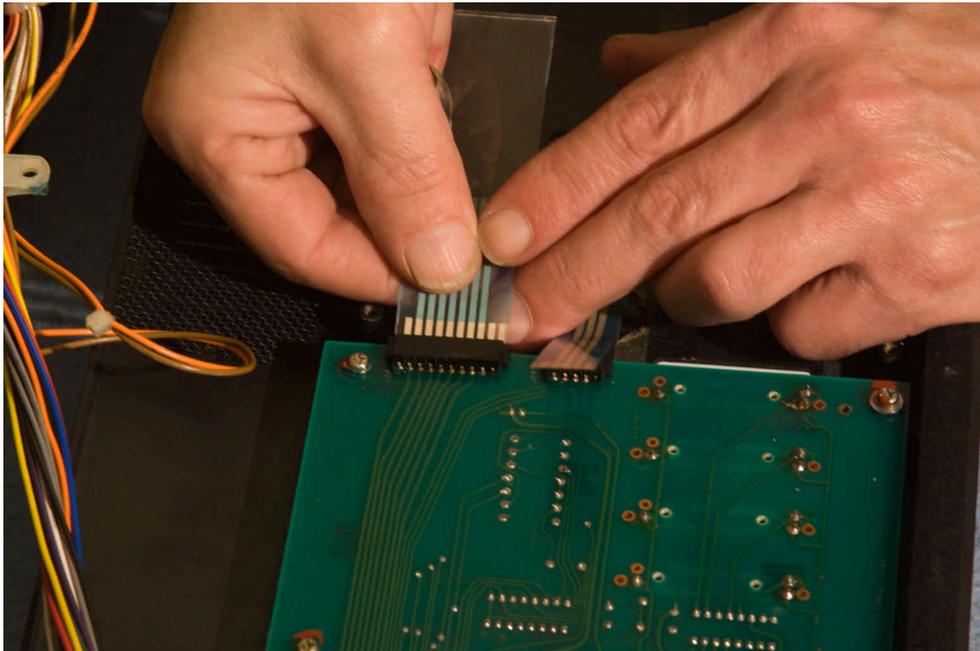


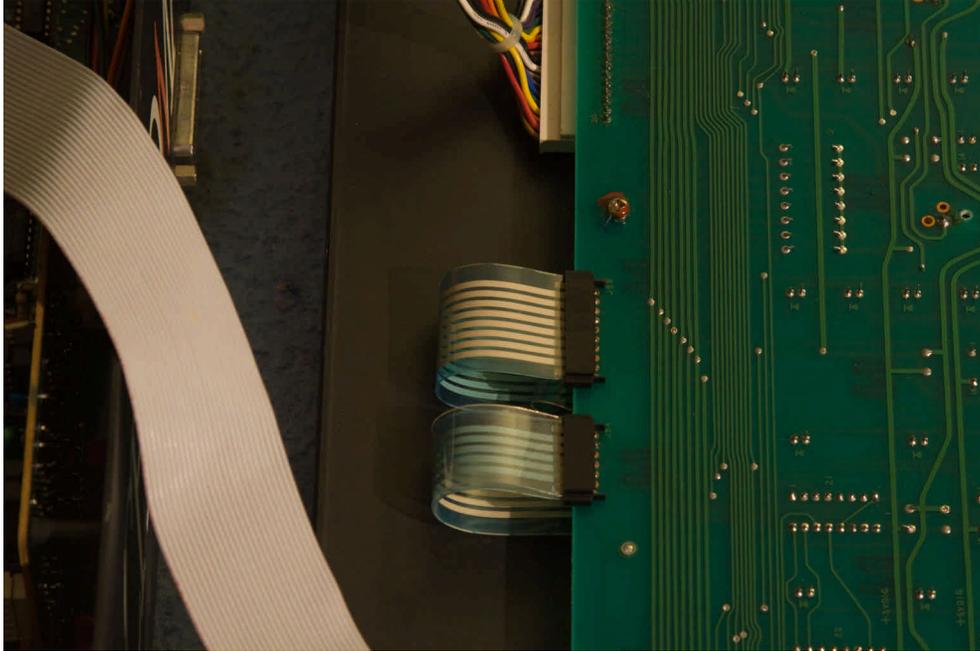
21. Install the right panel board

This one must be done first, because it has the connectors for the tails.

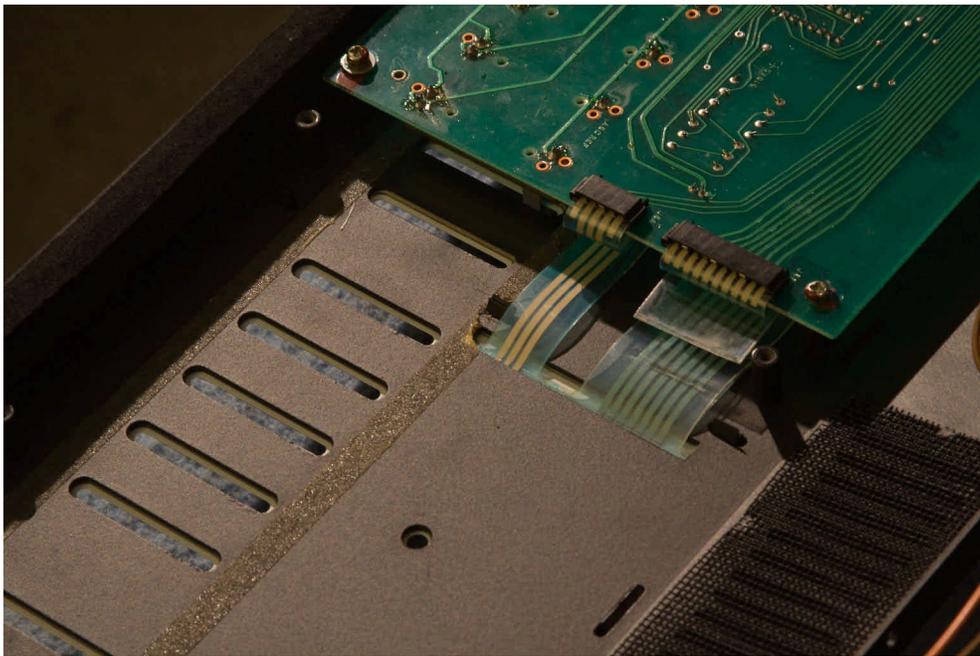


Plug the tails in carefully, ensuring that the silver stripes line up with the connector contacts. If, due to manufacturing tolerances, the stripes are too close to one side or the other of the tail, it may be necessary to trim a tiny bit of the clear Mylar from the other side, in order to get the stripes to line up. Small diagonal cutters are good for this. In our case, it wasn't necessary.





Note how the tails from the left membrane panel must be bent under the right panel board in a sharp S-curve.



22. Install the left panel board

Don't forget to install the plastic clips that hold the wire bundles.



Also, reconnect the green ground wire.

23. Test the instrument

Carefully lay the panel back in place, taking care not to scratch the end blocks, and not to pinch any cables between the panel and the base. At this point, it is probably wise to test everything. Connect a power cord, turn the unit on, and make sure all the switches now work.

If a number of switches don't work properly, the most likely cause is a misalignment between the silver stripes on the tails and the connector contacts.

24. Button the unit up

Insert the screws along the back edge. Tip the unit up and tighten the large panel hold-down bolts. Push the knobs back onto the sliders.

You're all done. Enjoy your "new" Polaris.