

Installing your wood side panels on the DrumBrute (MB) requires a standard Phillips head screw driver, and a 3mm Allen wrench for panel re-installation. Also recommended is a soft towel or foam sheet to protect the synthesizer during install.

The side panels can be removed and re-installed without having to fully remove any of the circuit boards. You'll be working close to the circuit boards so special care should be taken not to damage the board with your tools. You may wish to place a thin cloth on the circuit board in the area where you're working.

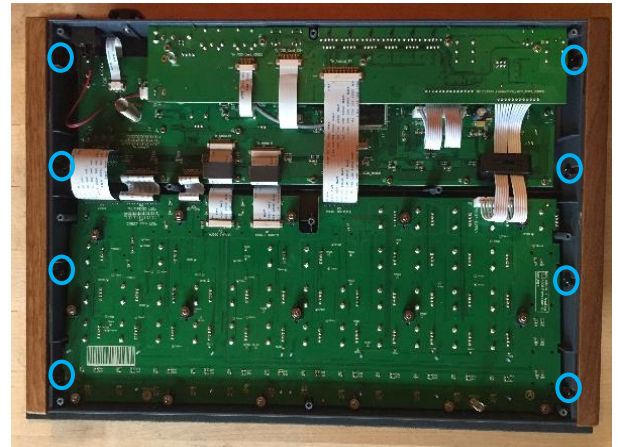
- 1) Place your DB upside down on top of a towel or foam sheet.



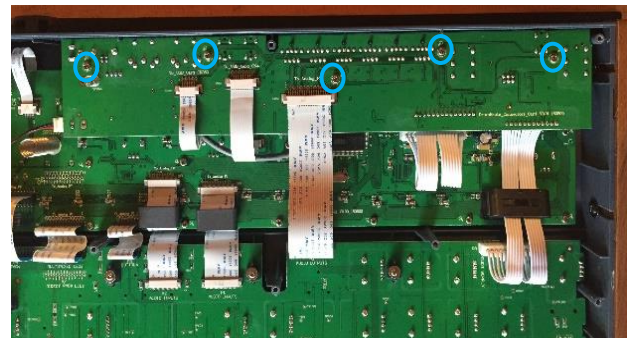
- 2) Remove and save the 11 screws circled in the photo above.
- 3) Remove the bottom cover:



- 4) With DB opened, we can get a good look at our goal: to remove the eight (8) screws securing the instrument's plasti-wood sides. The two screws towards the front of the instrument are the hardest to access, so we'll approach those last once we've achieved some wiggle room. If you work carefully, you can avoid having to unplug any connectors.



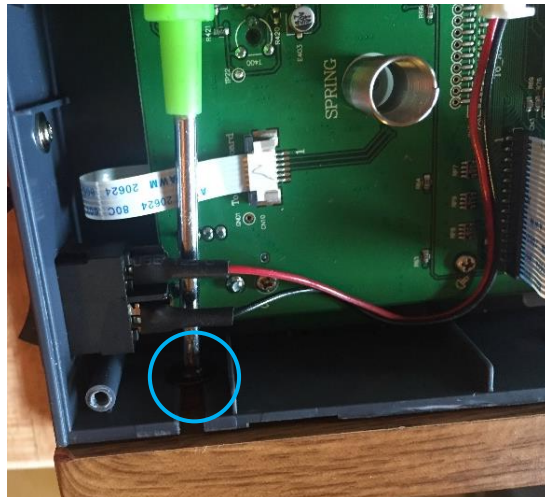
- 5) In order to remove the screws towards the rear, first remove and save the five (5) screws securing the upper jack plate circuit board as shown below:



- 6) Carefully slide the jack plate circuit board towards the front of the instrument and rotate up. This will allow access to the rear side panel screws. You should not have to remove any cable connectors as the board will remain attached.



On the screw at the right side of the instrument (near the power switch) it may be easier to work with the screwdriver under the power wires as shown:



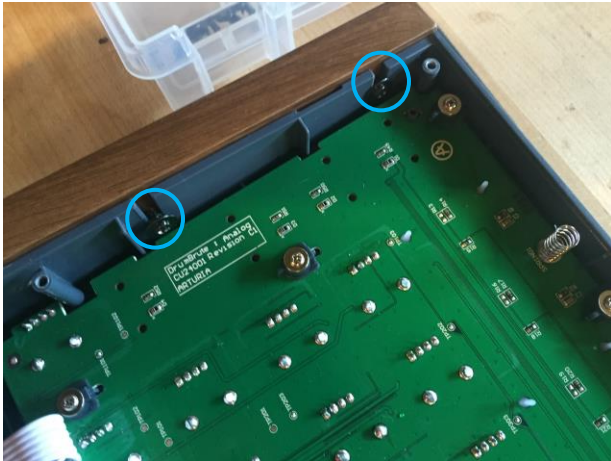
- 7) Using a Phillips head screw driver carefully remove the two (2) rear screws from each side panel, as shown below. Take special care not to scratch the circuit board. The screws are firmly seated into the plasti-wood panel. You'll have to supply lots of pressure to the side of the instrument in order to get the screws starting to rotate.



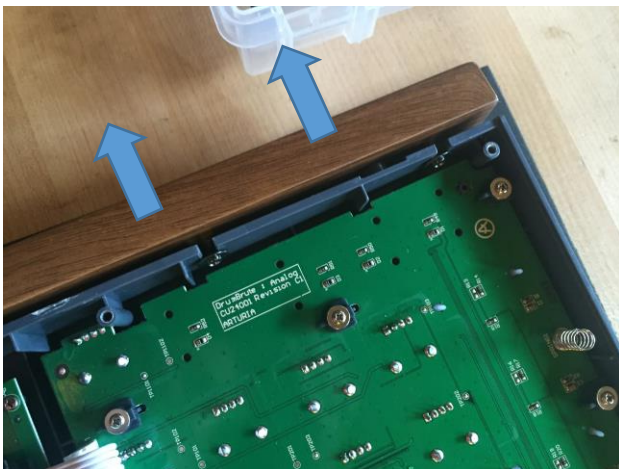
- 8) Next, remove the two (2) screws next closest to the rear of the instrument as shown below. You may have to angle the screwdriver over or under the connector cables.



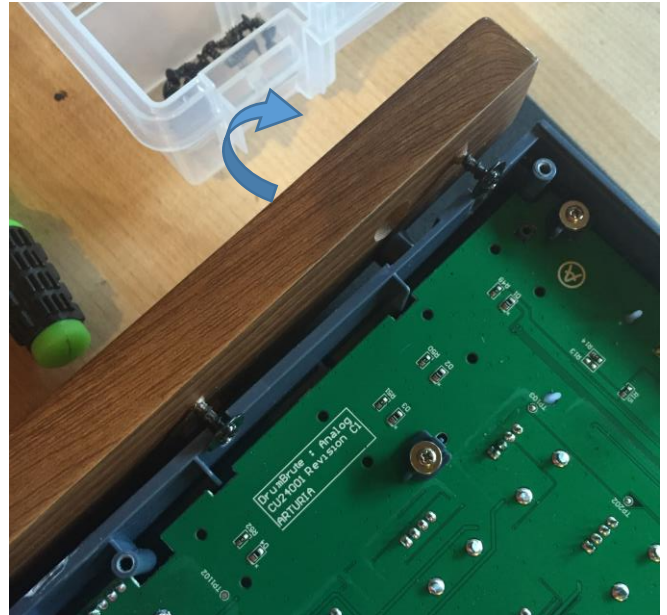
9) With the four (4) rear screws removed, begin loosening the front two (2) screws on the left side. The front screw is very close to the circuit board, so be careful not to scratch the board with your tools. You might want to lay down a piece of cloth to protect the board. The screws are shown in the photo below:



10) You're going to only partially loosen each screw a little at a time. As you do this, the side panel will become loose and can be pulled slightly away from the instrument as shown below:



11) Continue loosening the screws, alternating between each one until the panel clears the outer retainer pegs. Once the pegs are cleared, the panel will slide up and out from the instrument. You will not have to completely remove the remaining front screws in order to remove the panel.

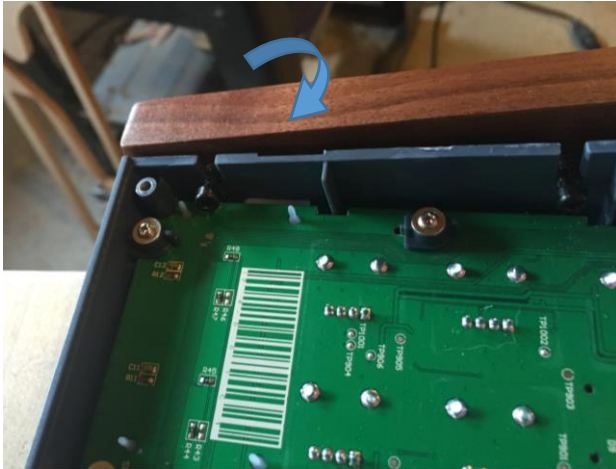


12) Repeat steps 9-11 on the right side panel. When complete, you'll have a completely naked DB.

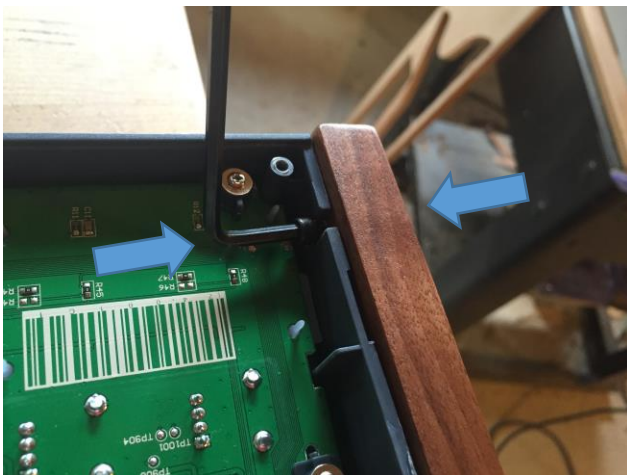
13) To install your GMUSynth real wood panels, start by slightly threading two (2) of the included hex drive screws into the front two holes. A couple of turns on each screw should be sufficient. You want to leave enough space to allow the panels to still clear the retaining pegs. We'll start with the right side panel:



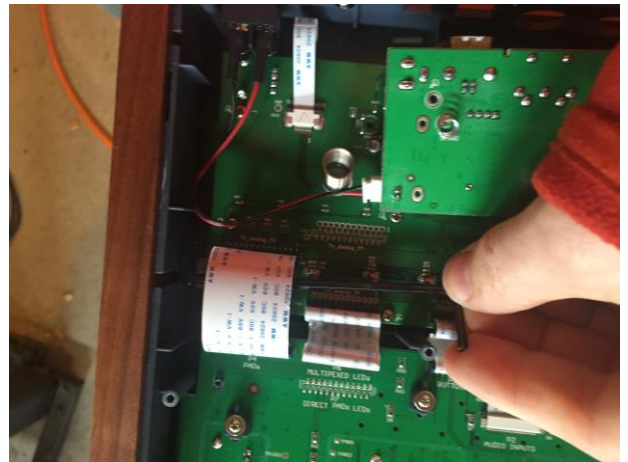
- 14) Slide the new panel onto the DB carefully aligning the screws into the appropriate slots. Make sure the panels snaps onto the retainer pegs. You may have to loosen the screws slightly if the fit is initially too tight.



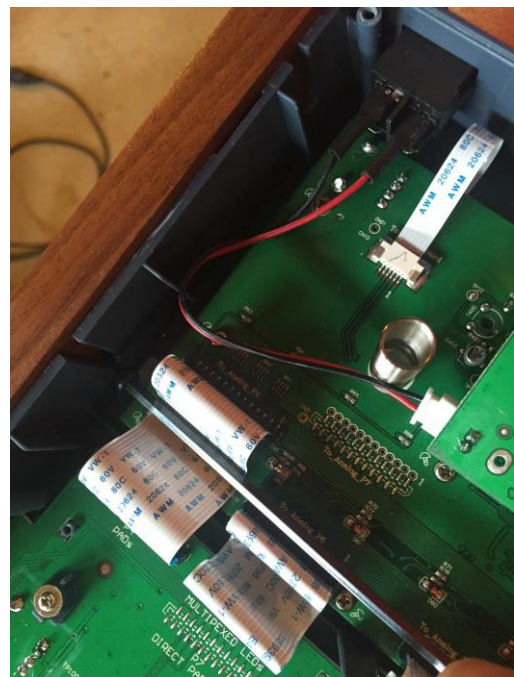
- 15) Now, completely tighten the front two screws using a 3mm Allen Wrench. As you tighten, make sure the panel is fully seating onto the retainer pegs. Also, be careful not to damage the circuit board with the tool. The screws have been located higher on the GMUSynth panels to allow easier access than the originals.



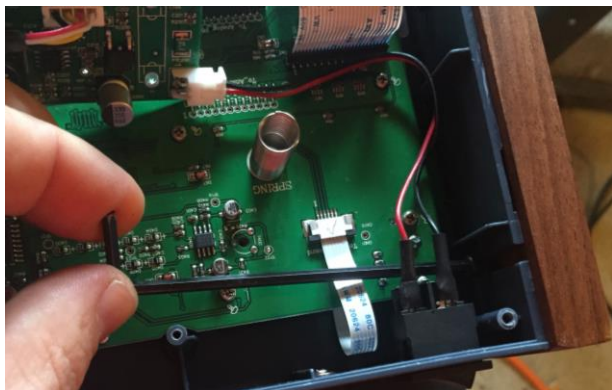
- 16) Proceeding to the work toward the rear, thread the next screw and fully tighten. You can use the Allen wrench length-wise and run the tool over or under the ribbon cable.



OR:



- 17) Finally, thread the last (rear) screw into the panel. This one can be tricky as you'll need to work around the power switch. If you take your time and work with the tool length-wise, it can be done without having to remove the power switch or circuit board.



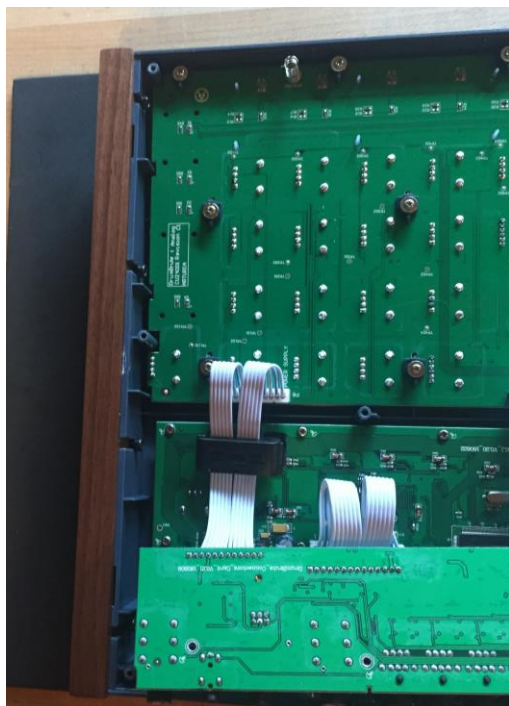
- 18) With the right side complete, repeat the same procedure for the left side. Thread the front two (2) screws slightly into the panel, and slide onto the instrument. Make sure to seat the panel onto the retainer pegs.



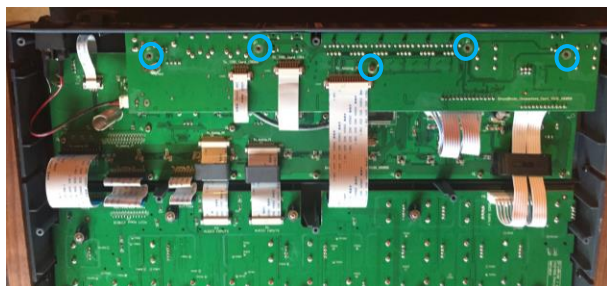
- 19) Fully tighten these front two screws. Proceeding to the third screw to the rear, thread and fully tighten. Make sure the panel fully seats on the retainer pegs.



- 20) Finally, thread and fully tighten the rear screw.



- 21) With both new side panels firmly secured, it is time to reassemble the instrument. Start with sliding the upper jack plate circuit board back in place. Make sure the power connector doesn't interfere with the chassis spring. When in place, reinstall the five (5) mounting screws as shown below:



- 22) Replace the bottom cover ensuring the cover aligns with the front and rear of the instrument chassis. Install the center screw first, but do not fully tighten:



- 23) Re-install the remaining screws without fully tightening them. Once all of the remaining screws are threaded, fully tighten all eleven (11) bottom panel screws.

- 24) Enjoy your newly dressed DrumBrute!

