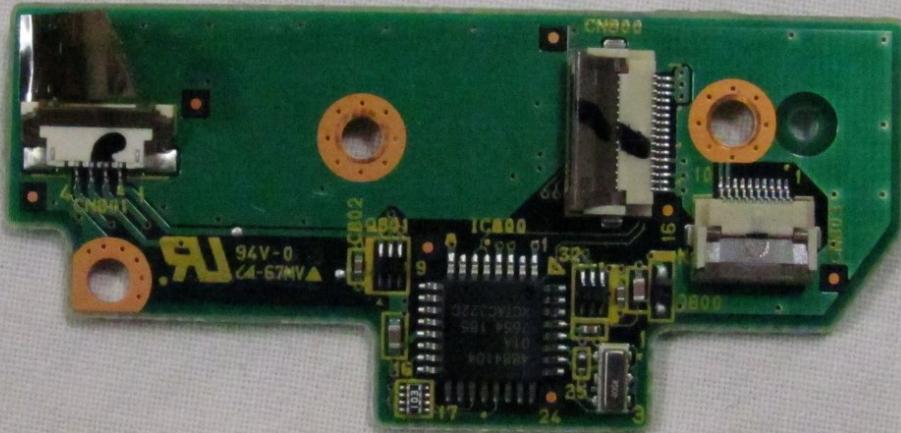




Panasonic Toughbook CF-29 Trackpad Board Replacement

Written By: Dylan Bloom



INTRODUCTION

This guide will show you how to gain access to and replace the track pad board in your Panasonic CF-29.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)

Step 1 — Battery



- Locate the bay door for the battery on the left side of the laptop.

Step 2



- Slide the latch to the right and then down to unlock it.
- Pull out the battery.

Step 3 — Hard Drive



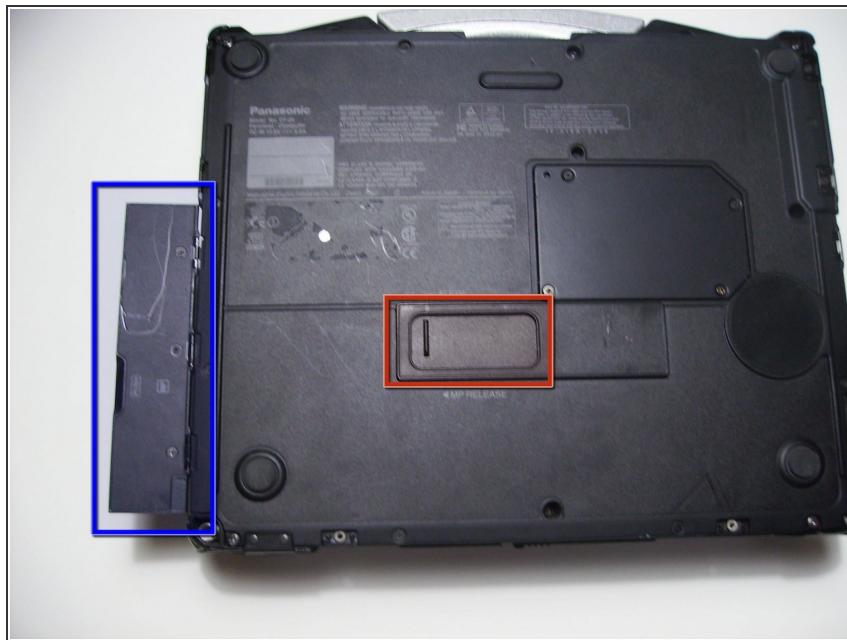
- Locate the door for the hard drive on the right side of the laptop

Step 4



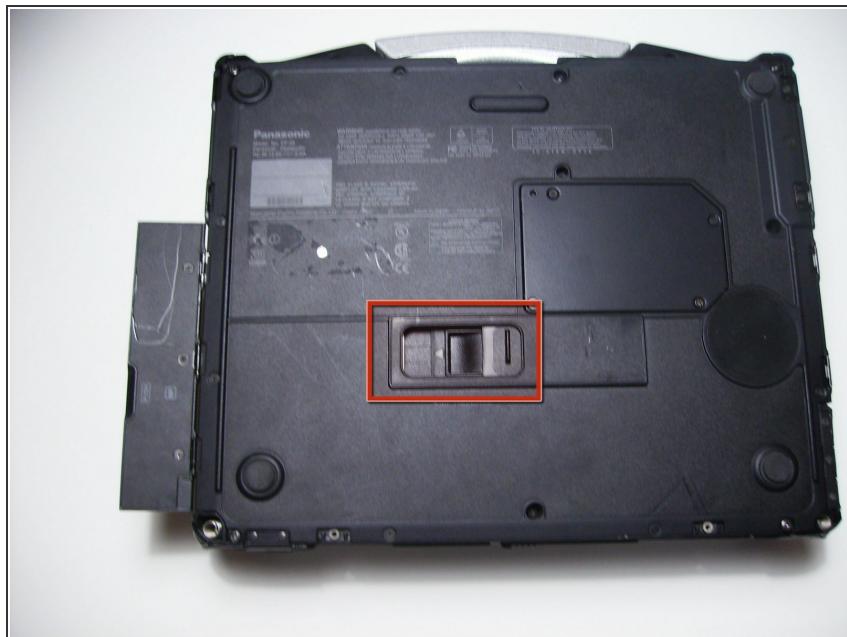
- Push and slide the latch up to open the hard drive door.
- Pull out the hard drive.

Step 5 — Optical Drive



- Flip the device upside down with the handle facing away from you.
- Open the optical drive bay by sliding its latch to the right.
- Locate optical drive release mechanism on the bottom of the laptop.

Step 6



- Slide the latch cover to the right.

Step 7



- Push the exposed switch to the left to eject the optical drive.

Step 8 — Back Cover



- Begin by turning the laptop upside down with the handle towards you.
- Use a Phillips size 0 screwdriver to remove the 4 screws holding down the ram cover.

Step 9



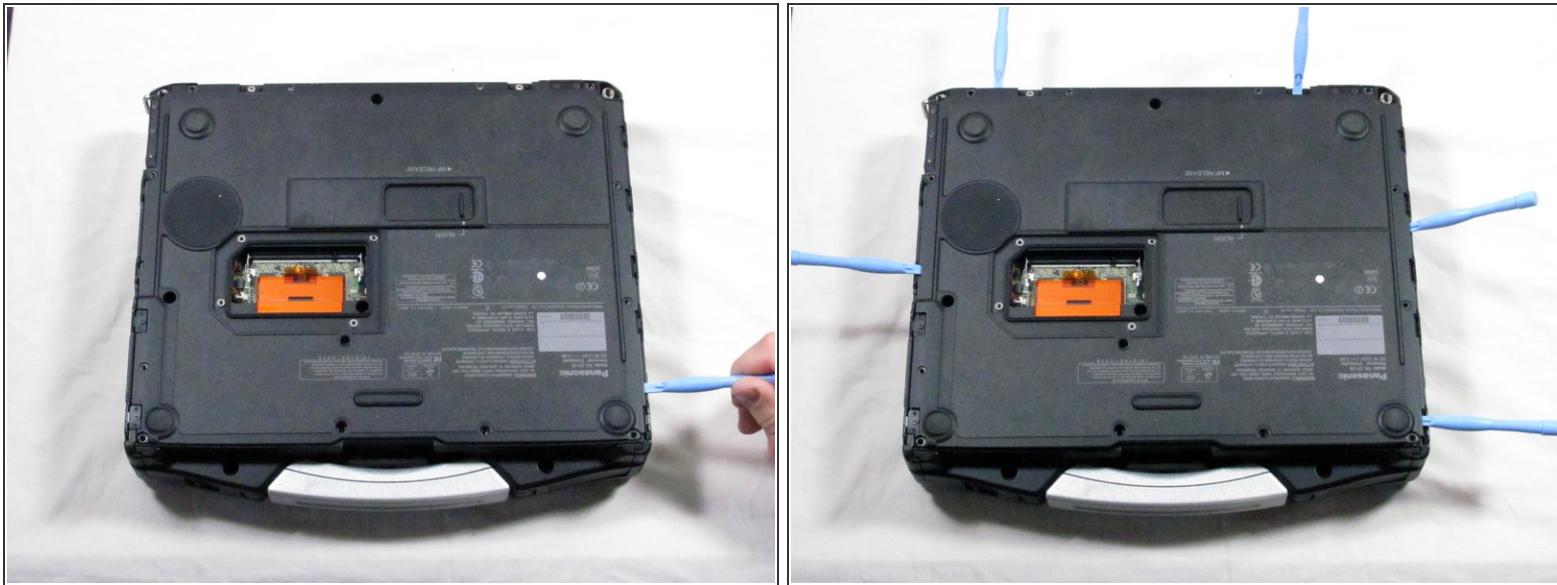
- Remove the panel and set it aside.
- Use a Phillips size 0 screwdriver to remove these 8 small screws.

Step 10



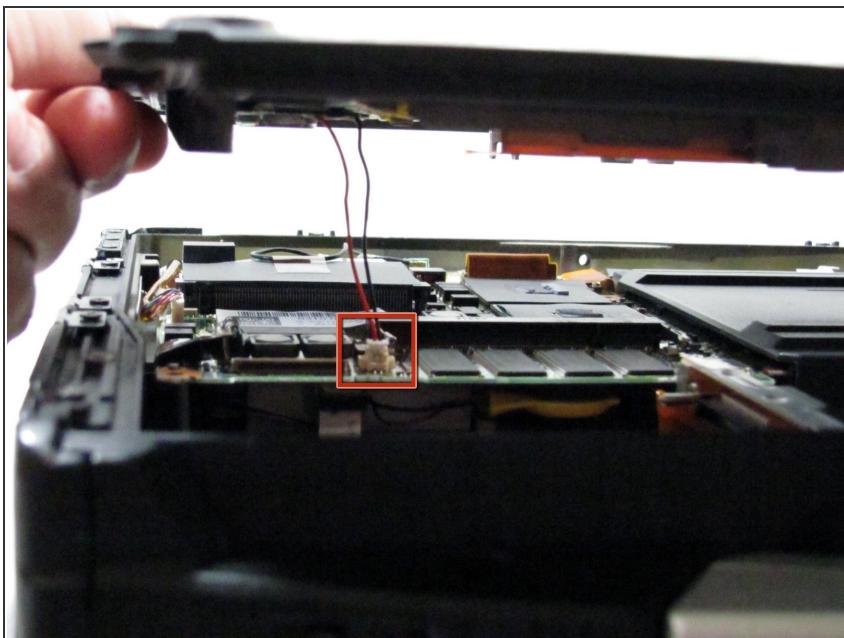
- Use a Phillips size 1 screwdriver to remove the remaining 8 screws.

Step 11



- Use a plastic opening tool to release, but NOT remove, the back cover because it is sealed with adhesive.

Step 12



 Be careful when lifting the cover as you may damage some connections.

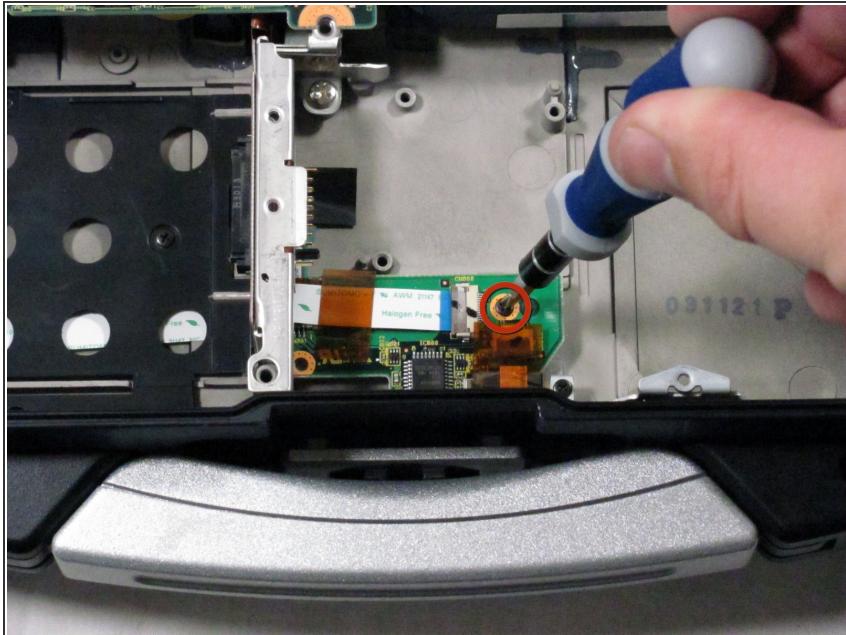
- Slowly lift the cover so that you can disconnect the red and white wires connecting the speaker to the sound card.

Step 13



- Now the back cover should be off and you can access the inside of the casing.

Step 14 — Trackpad Board



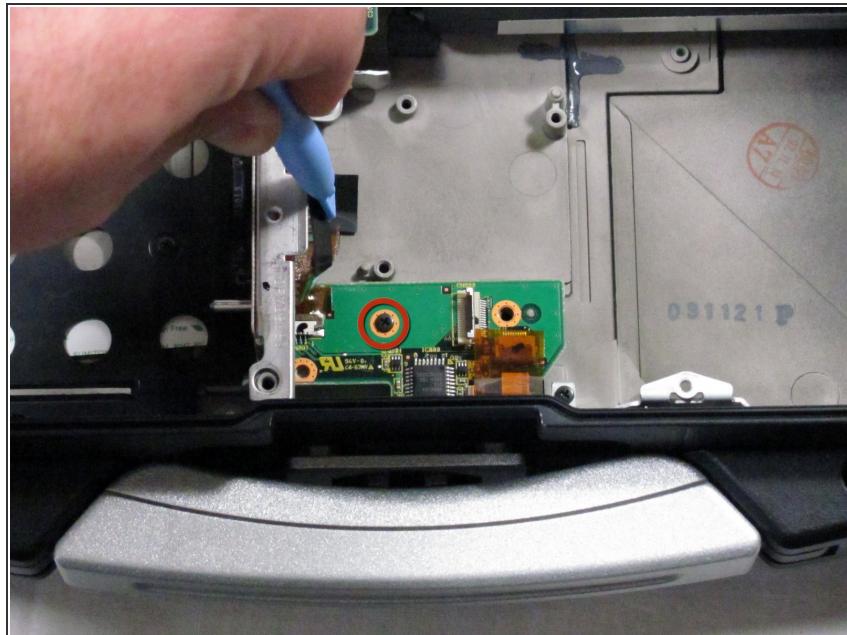
- Locate the track pad chip near the handle.
- Remove the upper right screw.

Step 15



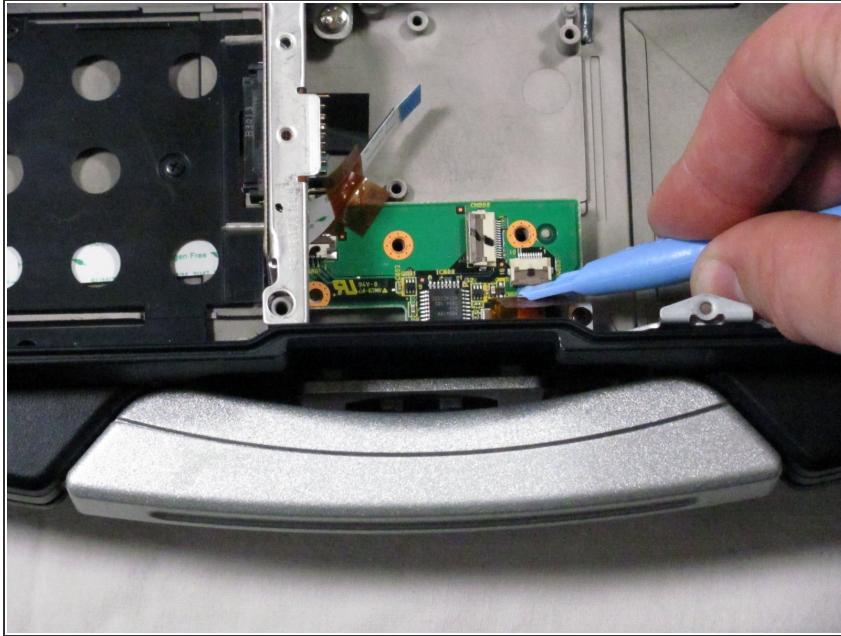
- Use a pry bar to detach the white ribbon cable shown.
- Push the brown tab to release the cable

Step 16



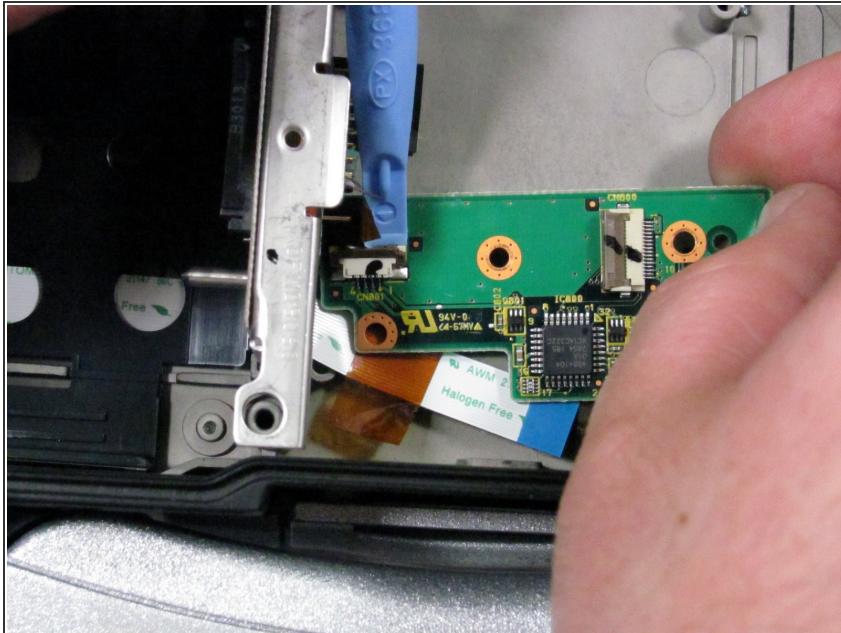
- Remove the screw that was previously concealed under the now removed ribbon cable.

Step 17



- Remove the rightmost ribbon cable
 - Pry up the brown clip
 - Tug the cable out

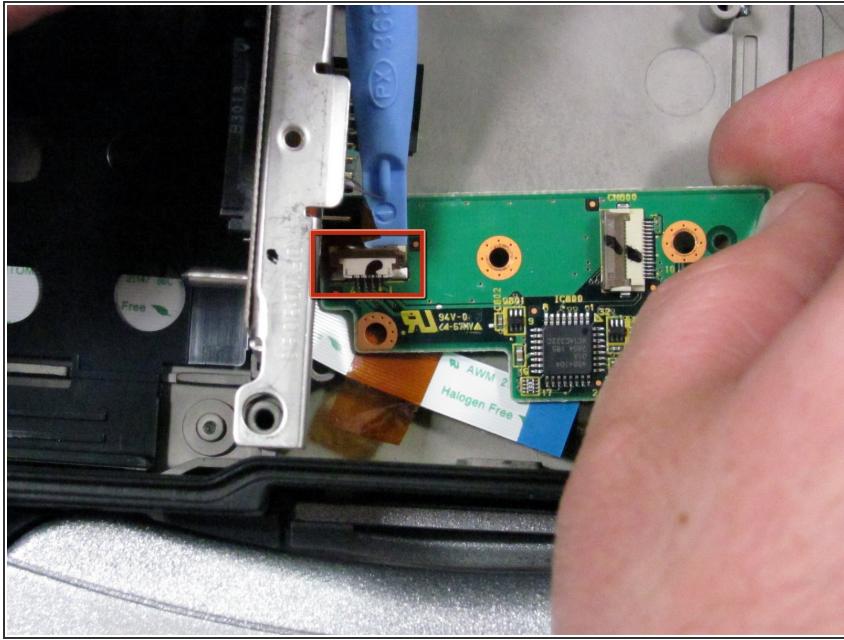
Step 18



- Pull the track pad slightly up and to the right.

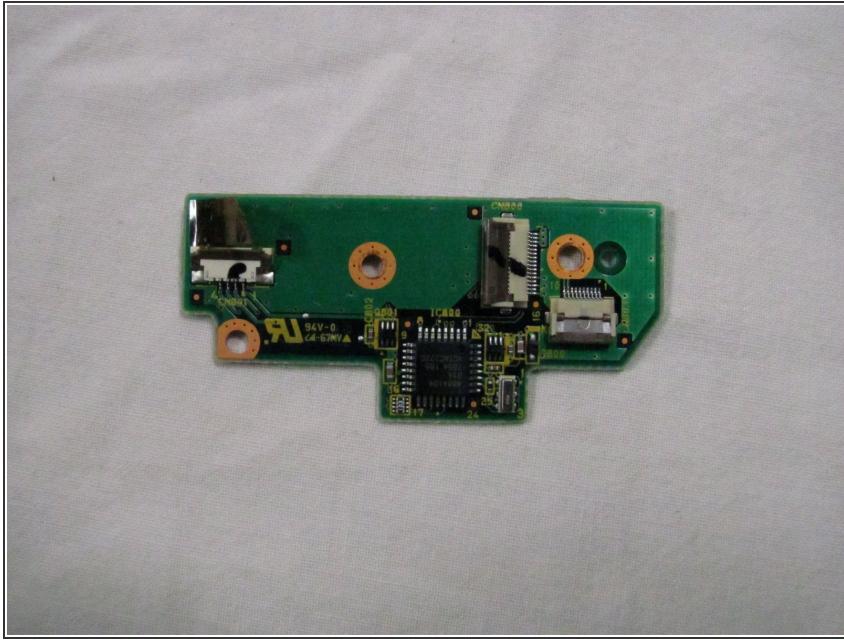
⚠ Do not completely remove the circuit board because it is still attached.

Step 19



- Remove the last ribbon cable.
- Pry up on the brown part to release the ribbon cable.

Step 20



- You have successfully removed the track pad board.

To reassemble your device, follow these instructions in reverse order.