

LCD Pendant Maintenance

Tools Needed:

Phillips head screwdriver

1/4" socket or wrench

3/16" socket or wrench

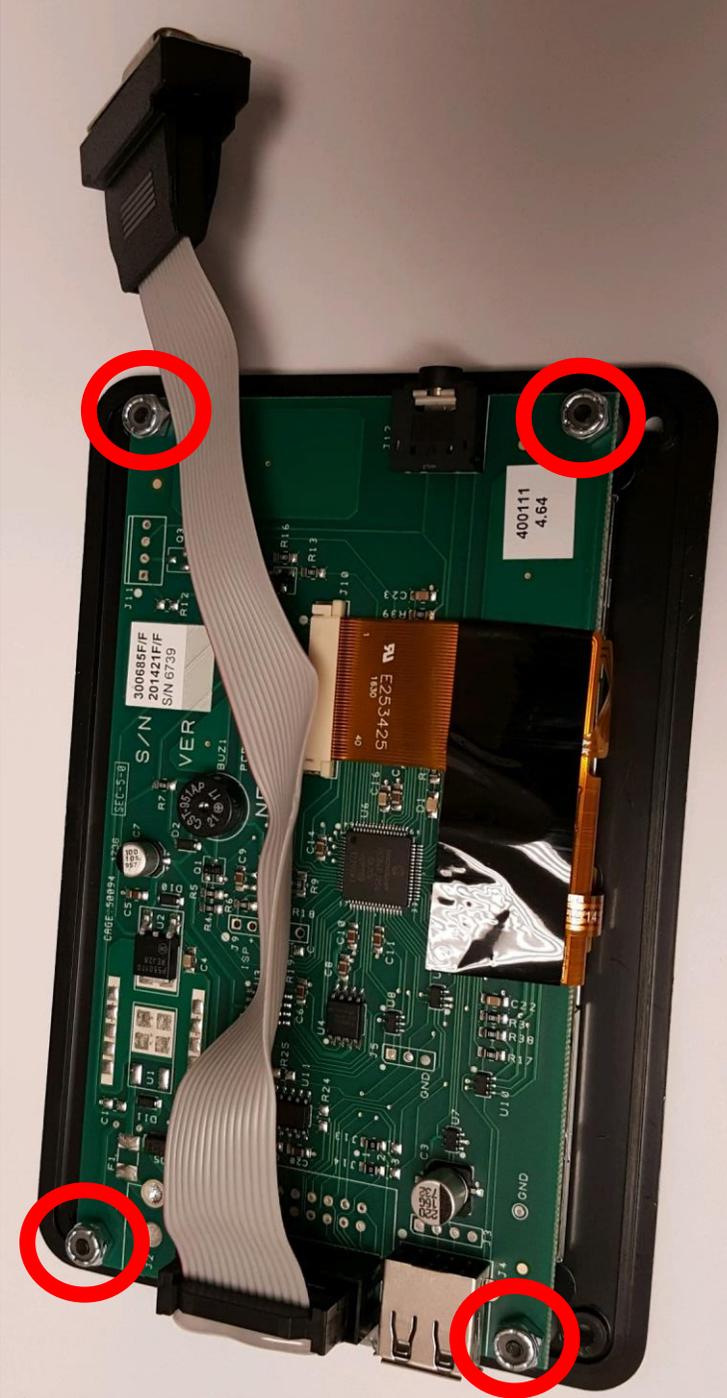
- Power the main control box off
- Disconnect the LCD Pendant from the 15 Pin VGA Cable
- Use the Phillips head screwdriver to unscrew the four outer screws circled on the right
- Lift the right side (side with USB port) first



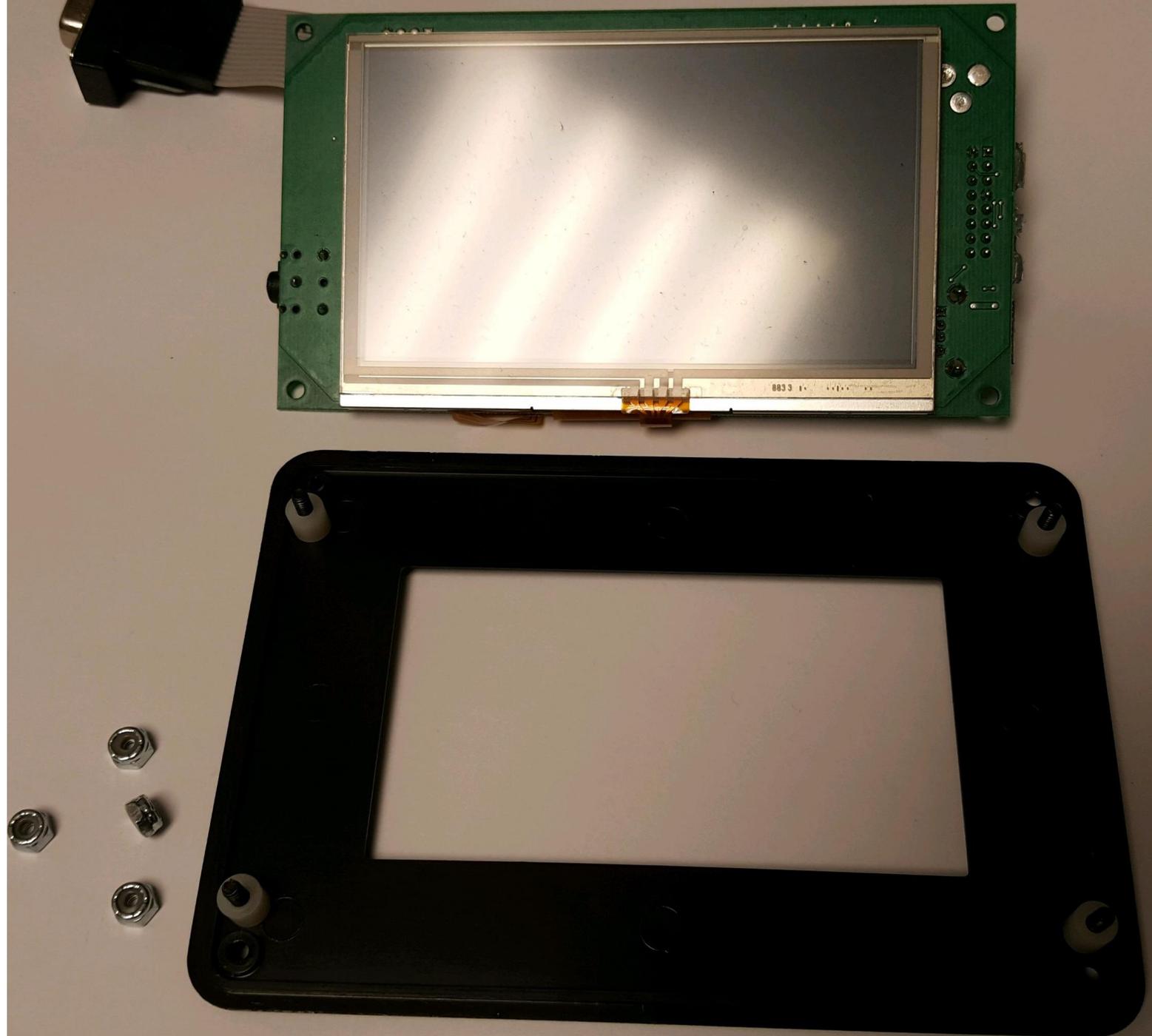
- Using the 3/16" socket or wrench, remove the two jack screws circled on the right



- Using the 1/4" socket or wrench and the Phillips head screwdriver, remove the four nuts pictured on the right
- Lift the LCD and circuit board away from the top of the LCD case
- Be mindful of the loose screws, nuts, and spacers



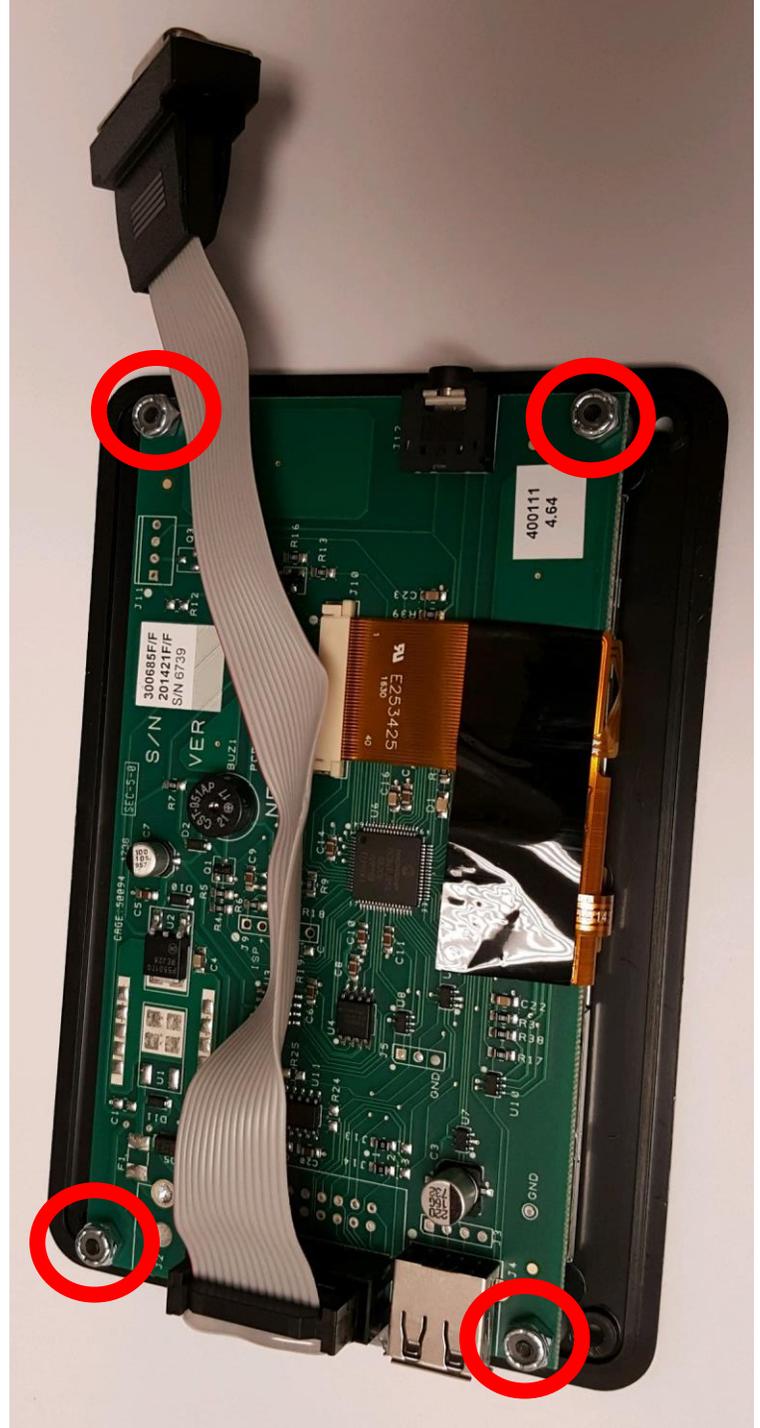
- Remove any accumulated dust from the underside of the LCD case top as well as the inside of the case bottom
- Using lens cleaner or window cleaner, clean off the LCD screen and the surrounding circuit board of dust and debris.



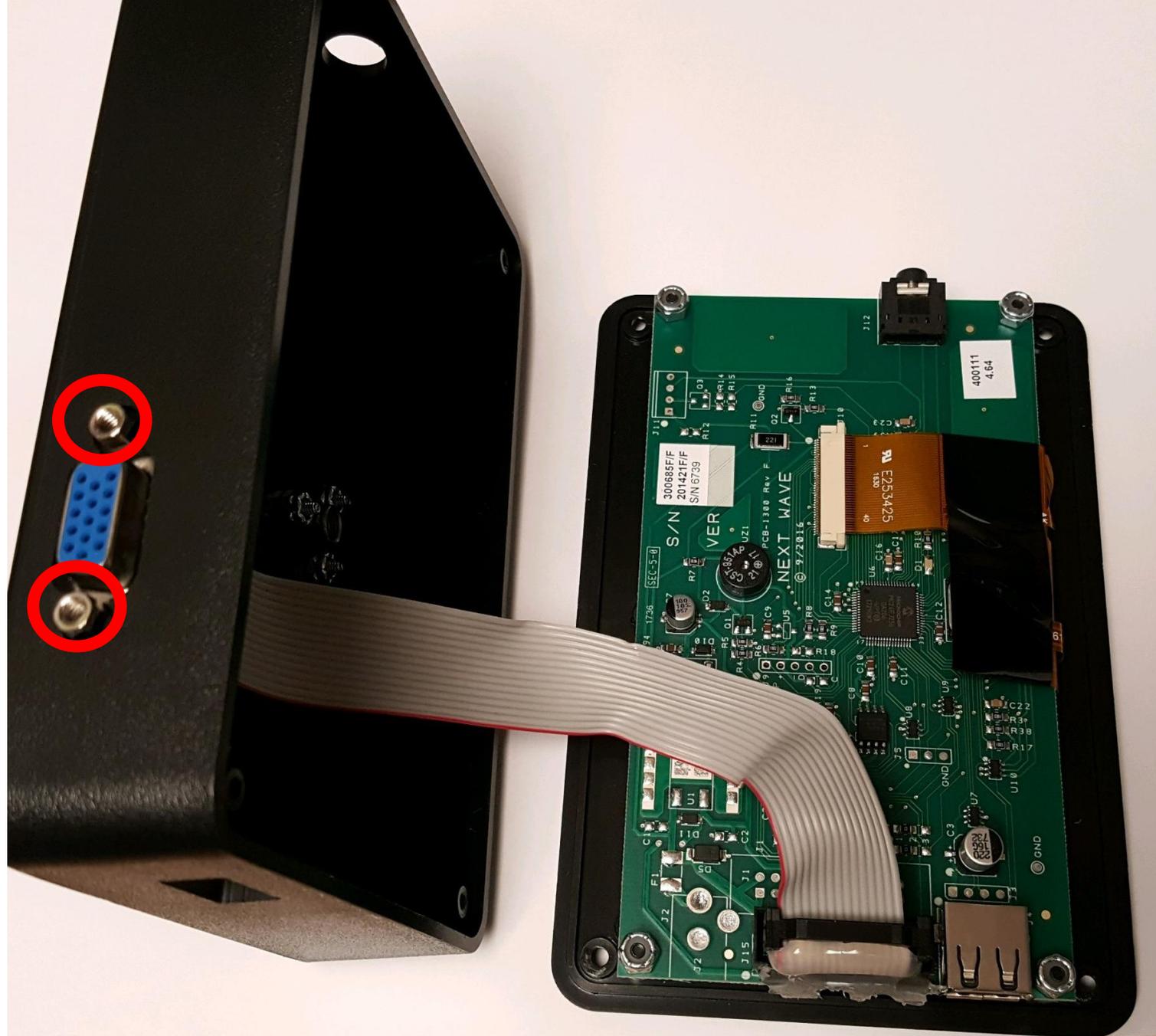
- When reassembling the LCD Pendant, the white spacers should be between the LCD case top and the LCD screen.
- Example to the right



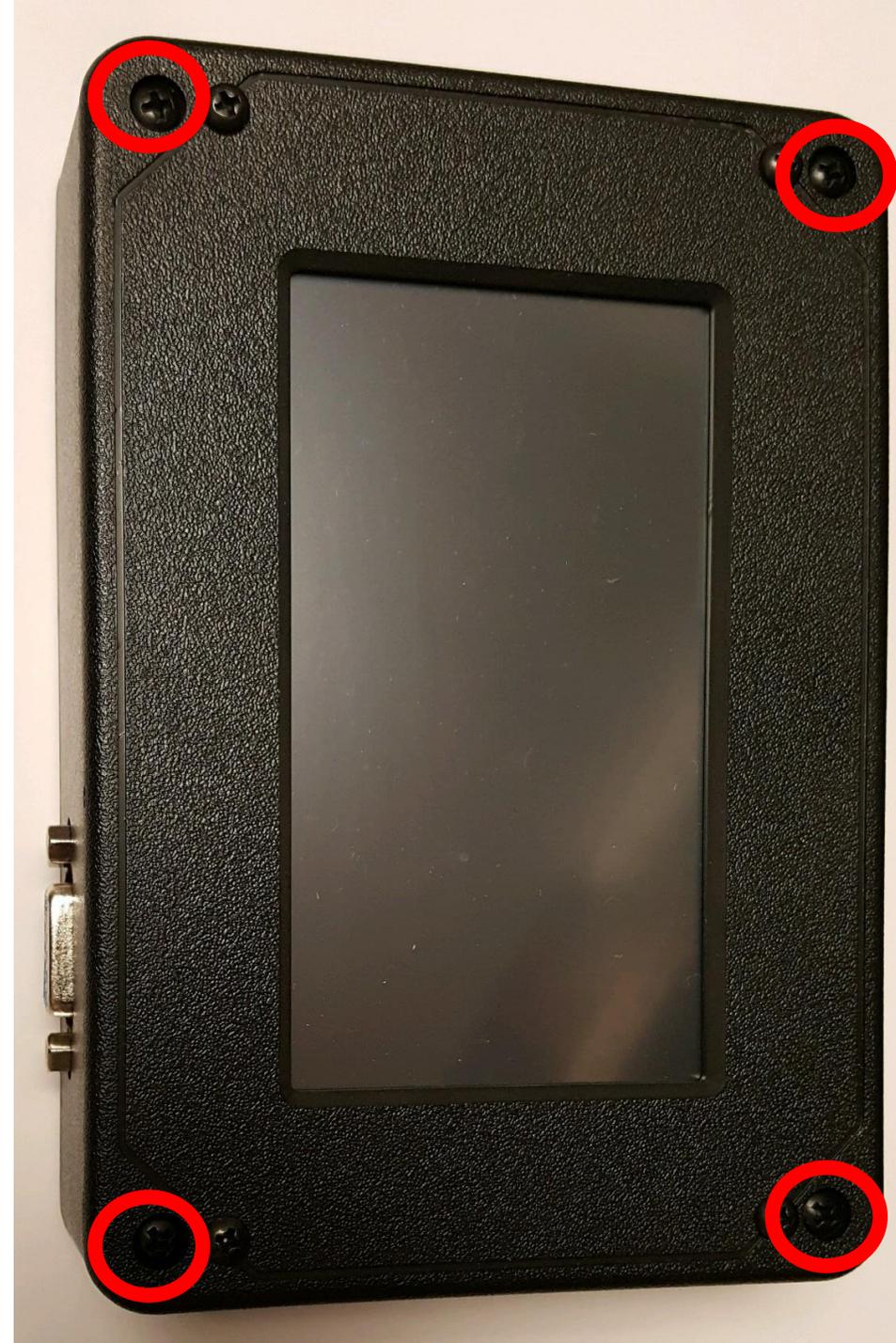
- Lay the LCD screen onto the LCD case top and align the four screws with the holes on the LCD circuit board.
- Hand start the four nuts on the screws then tighten with the 1/4" socket or wrench and the Phillips head screwdriver
- The nuts should be tight enough that the screen does not move



- Using the 3/16" socket or wrench, install the two jack screws circled on the right securing the VGA connection to the outside of the case



- Lower the side (3.5mm port) of the LCD screen into place first, then lower the rest of the screen until the top snaps into the base
- Use the Phillips head screwdriver to tighten the four outer screws circled on the right
- Connect the LCD Pendant to the 15 Pin VGA Cable
- Perform a touch screen calibration



Touch Screen Calibration

1. Place and hold a finger or thumb on the glass screen and power the CNC Machine on
2. This will bring you to a white screen stating:
 1. "Performing touch screen calibration. Touch screen to continue."
3. Using a stylus or eraser end of a pencil touch the screen to continue
4. You will then receive a message to "Press and Release on the filled circle."
5. Press the filled circle in the:
 1. Top left corner
 2. Top right corner
 3. Bottom right corner
 4. Bottom left corner
6. Once completed you will come to another screen with directions regarding how to repeat the process.
7. Touch the screen again to proceed to the main CNC control screen.
8. Select Continue