

Touch1 Touchscreen Replacement

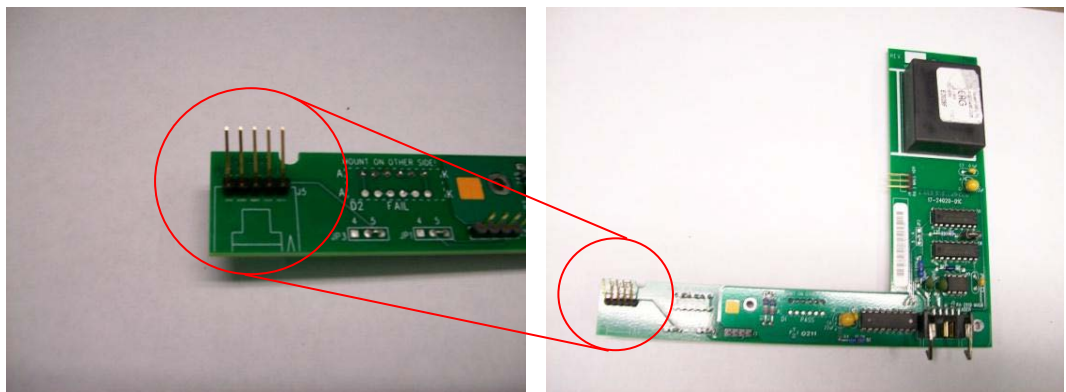
To replace the Touch1 touchscreen, you will need:

- a new touchscreen provided by Cirris
- a new Touch1 display label

1. Remove the top plate of the Touch1 by unscrewing the 8 screws (circled in yellow on the image below). Then disconnect the display and backlight cables.



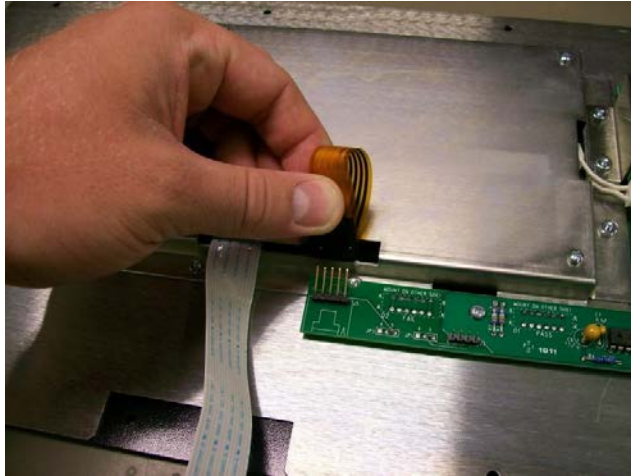
2. Make sure your Touch1 has a 5-pin LED board.



Note: Older models have 4-pin LED boards. If you have a 4-pin LED board, you must return your Touch1 to Cirris to replace the display.

Touch1 Touchscreen Replacement

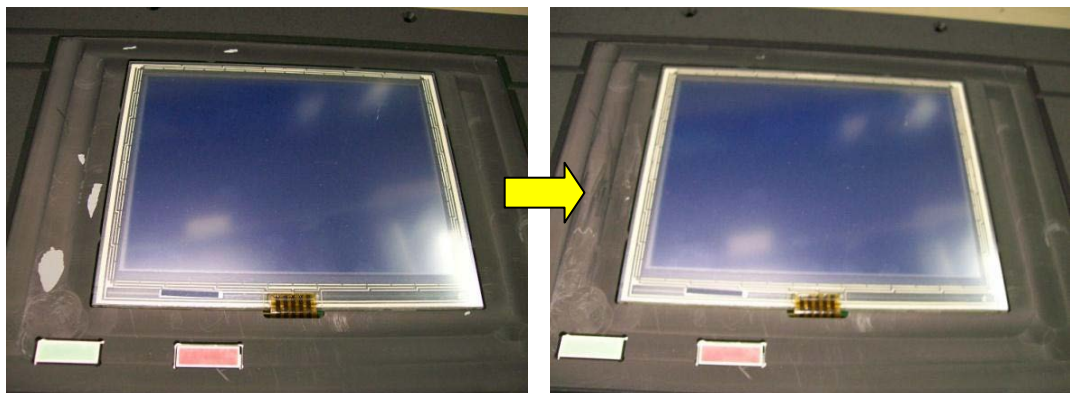
If you have a 5-pin LED board, disconnect the cable that connects the touchscreen to the LED board.



3. Turn the top plate back over and remove the display label. You may need to use a razor blade or a thin screwdriver to start the removal.



After the label has been removed, scrape off any debris left by the label in order to help the new label better adhere to the top plate.



Touch1 Touchscreen Replacement

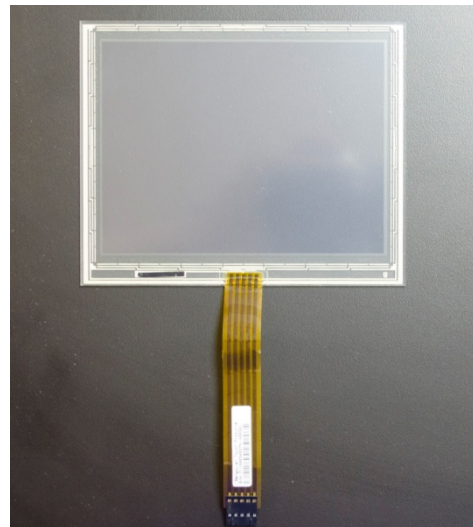
- Using your fingernail or a thin blade, GENTLY remove the touchscreen. Be careful, this is glass and can easily break.



- If your Touch1 has the latest 5-wire touchscreen (Bergquist 400341Rev. 2), go to step 9.



Latest 5-Wire Touchscreen

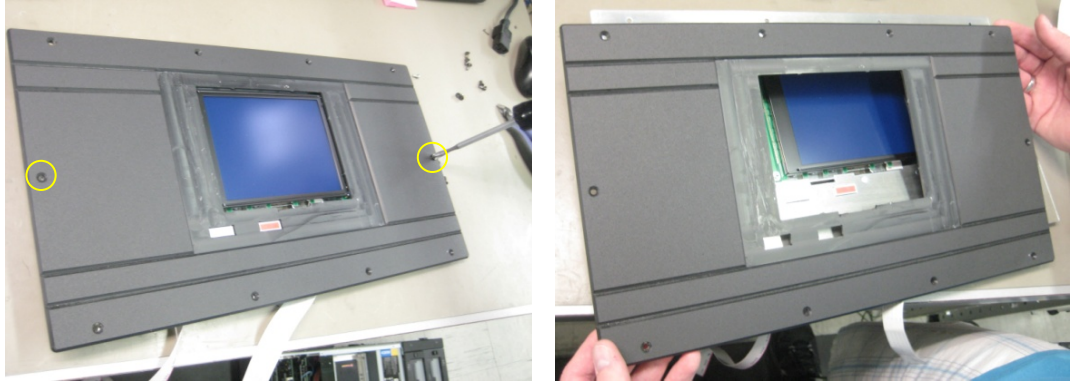


Old Touchscreen

If your Touch1 has an older touchscreen, continue with the following steps:

Touch1 Touchscreen Replacement

Remove the plastic cover from the top plate of the tester by unscrewing the 2 screws on each side (circled in yellow on the image below).



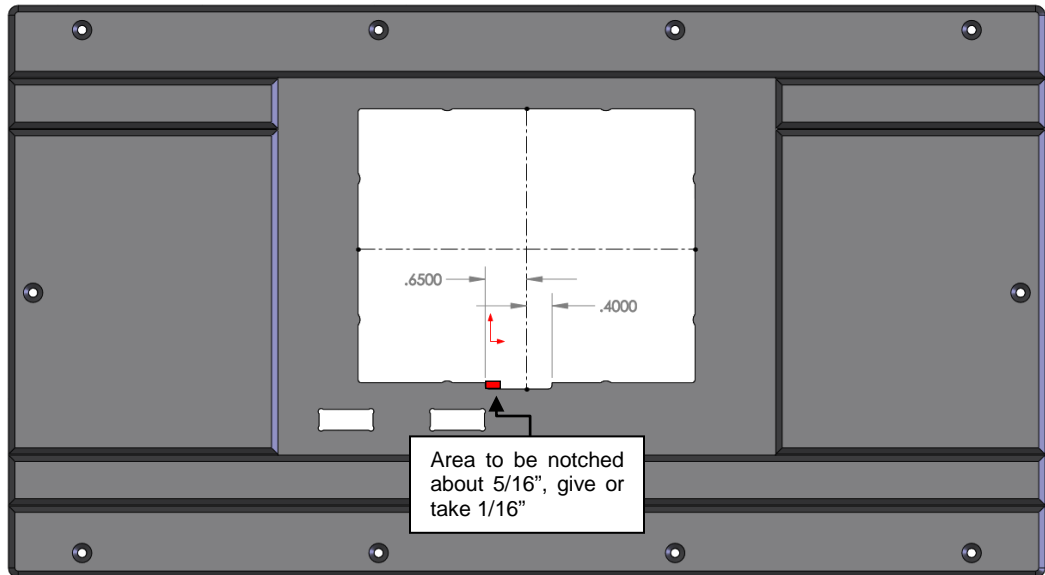
Note: The cable of the new touchscreen is left of center (the cable of the old touchscreen was in the center—see images in step 5).

6. To accommodate the left-of-center cable position of the new touchscreen, you will need to cut a larger notch in the plastic cover. To do this, measure $5/16$ " from the left edge of the existing notch. Mark this measurement with a razor or knife.

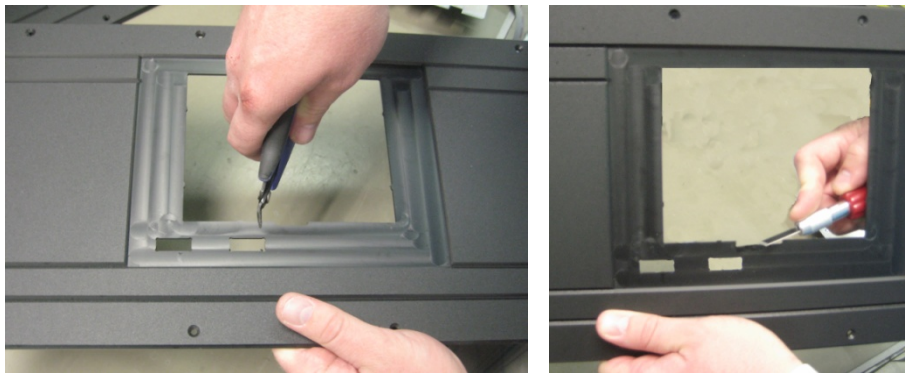


Touch1 Touchscreen Replacement

Use the graphic diagram below as a guide:



7. Use cutting pliers to cut vertically down the mark you scored with a razor (stop when you reach the base of the existing notch). Then cut horizontally along the base of the notch toward your vertical incision to cut out this area of the plastic. Smooth off the edges of the modified notch with a razor, knife or file.



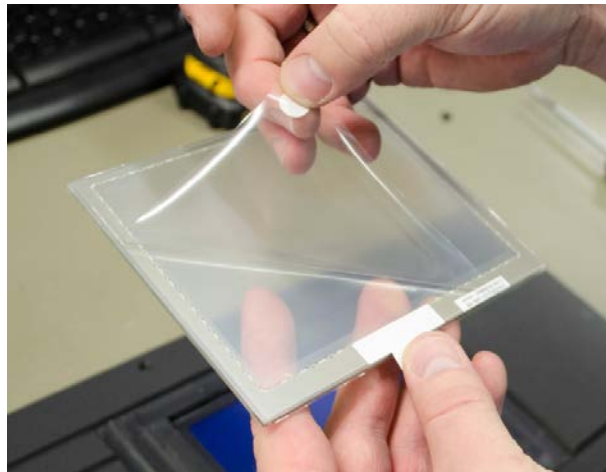
Note: The modified area will be covered up by the front display sticker.

8. Reattach the plastic cover to the tester by reinstalling the 2 side screws.

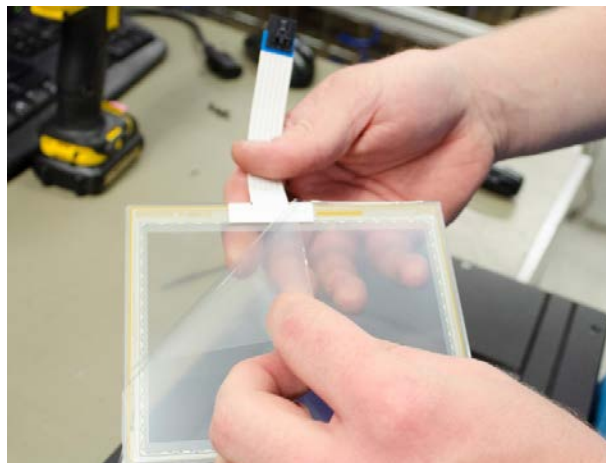
9. Carefully clean any debris off the display with a lint-free cloth.



10. Take your new touchscreen provided by Cirris and remove the plastic on the top side (this is the side on which the bar code is printed on the cable). Hold the screen by the edges so as not to get fingerprints on it.



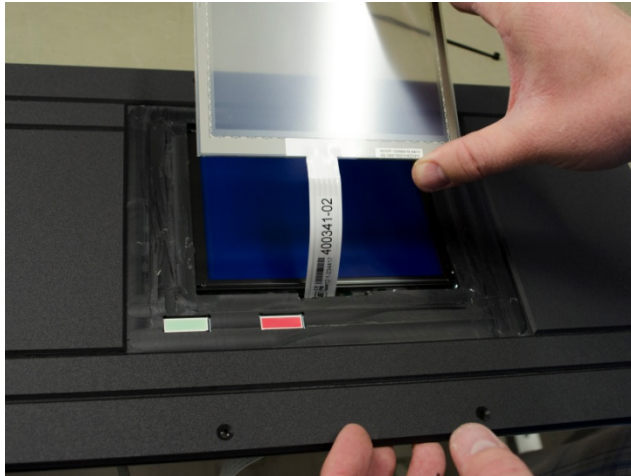
Then remove the plastic from the back of the touchscreen. This will prevent you from touching this side (which lies against the display) before you install it.



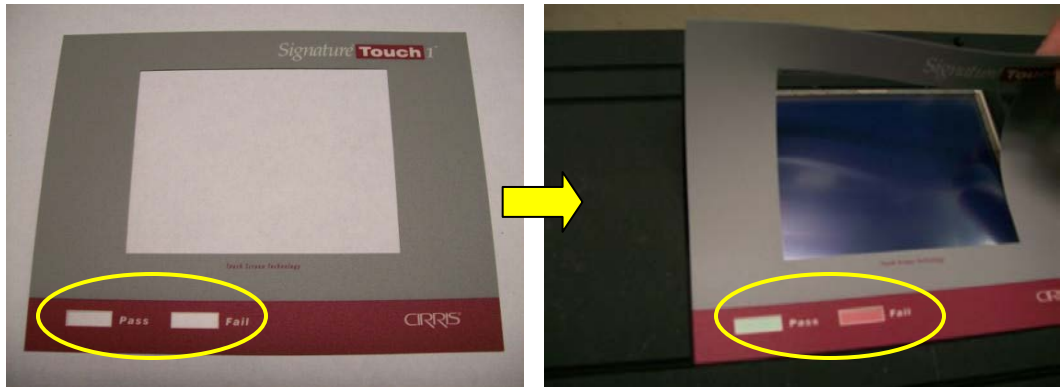
Touch1 Touchscreen Replacement

11. To install the new touchscreen, feed the connector and cable through the notch at the bottom of the display. Make sure that the top side of the touchscreen is facing upwards (the side on which the bar code is printed on the cable).

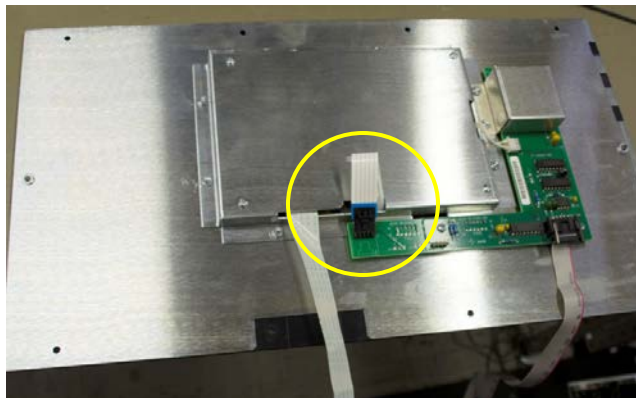
The touchscreen should snap easily into place; do not force it.



12. Now place the new label on top of the touchscreen. Line up the "PASS" and "FAIL" LEDs with the openings on the label.

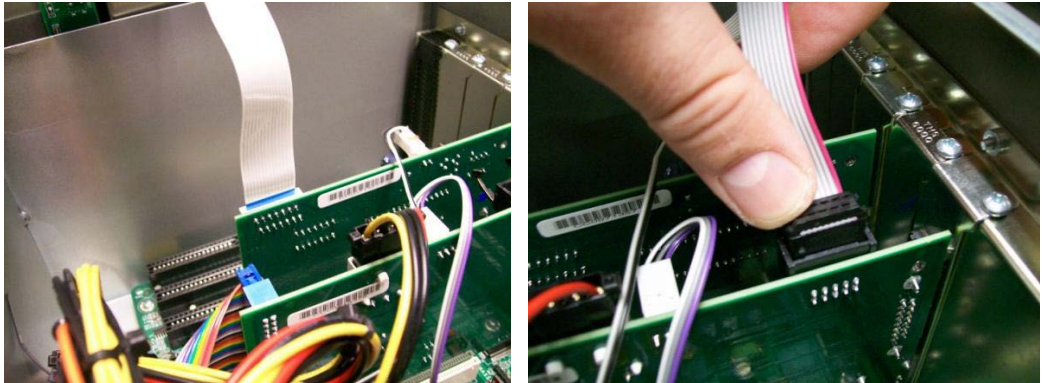


13. On the back side of the top plate, attach the touchscreen cable to the LED board.



Touch1 Touchscreen Replacement

14. Now re-connect the display cable and the backlight cable to the Touch1. Make sure the blue stripe on the white cable is facing towards the PC board.



15. Place the top plate back on your Touch1 and re-install the screws you took off earlier.



The touchscreen is now in place and the process is complete.

Calibrate the touchscreen on first boot up.