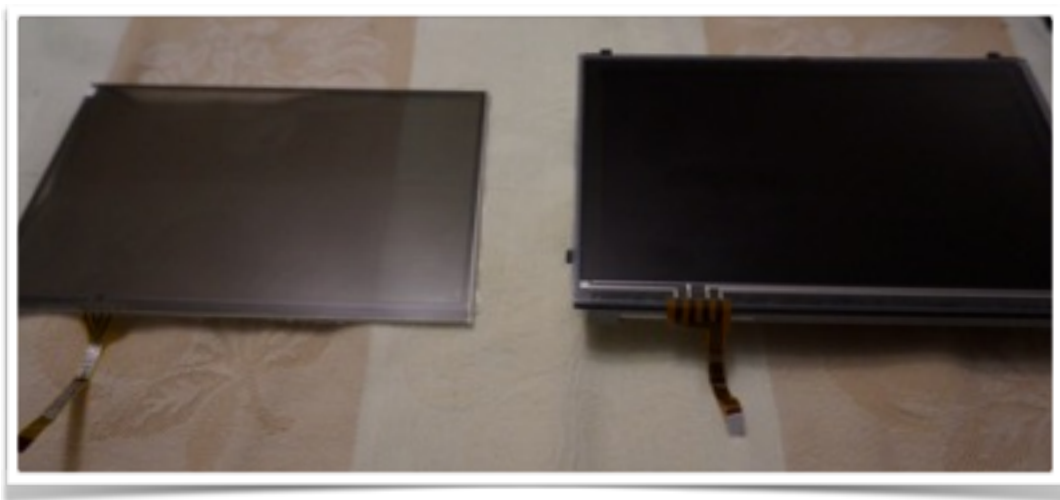


Replacing damaged resistive overlay in the MFD of a 2008 Prius

My MFD resistive overlay was cracked and not working well. I disassembled the unit to find the part number of the MFD LCD screen. It's a Toshiba LTA070B052F (2008 Canadian Prius, no NAV). These screens are available on AliExpress for about \$140.00.

I took a chance and ordered only the resistive overlay... a "no glare 7 inch 4 pin glass touch screen panel digitizer lens for LTA070B052F". It cost me about \$22.00.

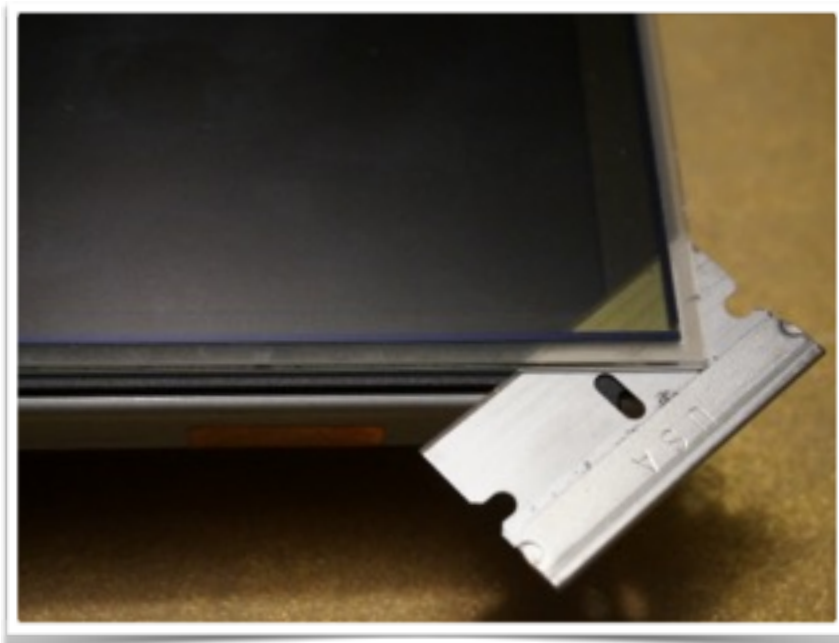
I'm going to try to add a few pictures of how I replaced the resistive overlay. There are already great descriptions of dash and MFD disassembly so I'll skip right to the LCD screen. First, here's the new digitizer (left) next to the LCD.



The screens are the same size and the cables are compatible. The new one is a bit longer.



I started in the top corner with a razor blade and cut along the long axis of the glass. The digitizer sits on top of a black plastic molding. It's attached with 2 thin strips of double-sided tape only along the long axis of the glass.

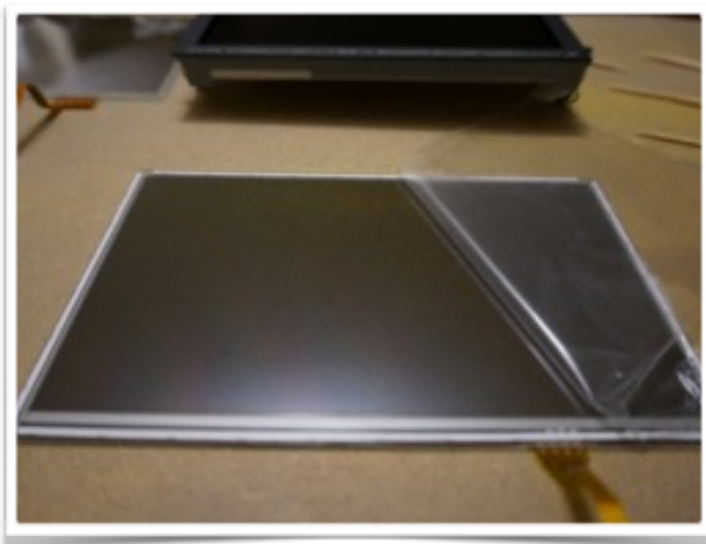




I didn't have thin plastic so I used toothpicks to hold up the glass as I cut.



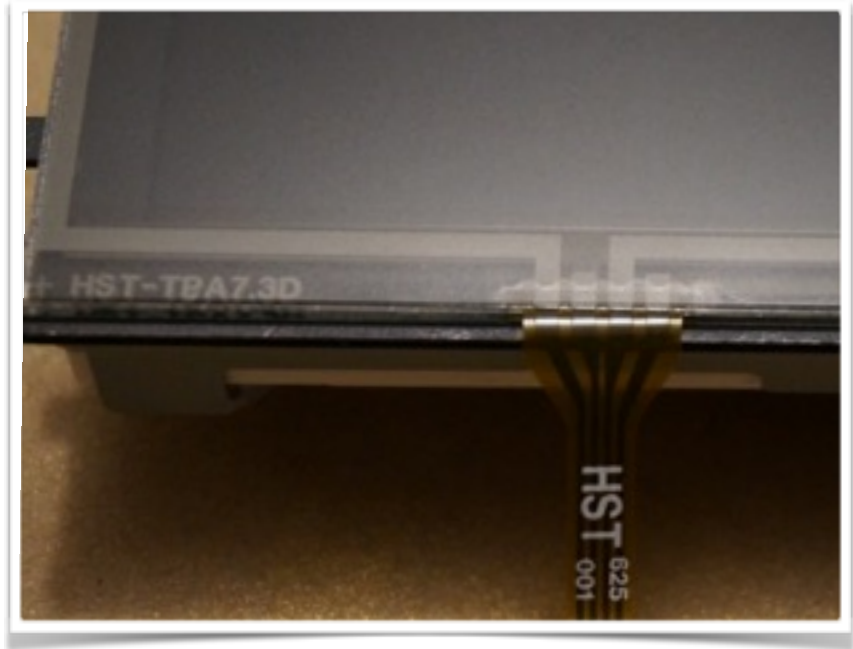
The cracked panel is off. I carefully cut off the old tape with the razor.



The bottom of the new panel was protected by a peel-off plastic layer.



Under this layer of plastic I found double-sided tape on all 4 sides. I peeled off the white backing from the tape and stuck the panel in place.



It sits flush on the sides and about 1mm from the bottom of the black plastic molding. Its about 1.5mm from the top of the black plastic molding - right where the original fit.

After removing the upper layer of protective plastic, I reassembled the MFD. The metal MFD case allows adjustments of the distance between screen and the dash mount.



It works well. It's responsive and accurate. It has the same dull surface as the original. The only difference is that it seems to be a little darker or has a coloured hue different from the original.