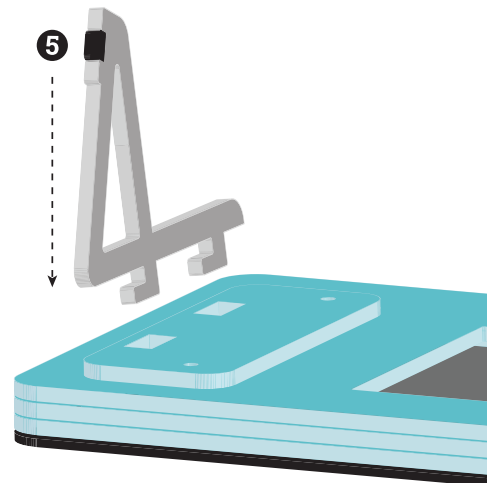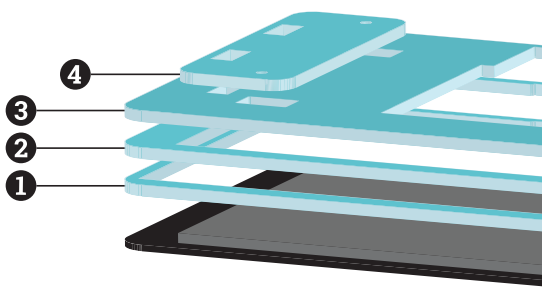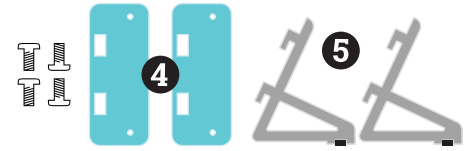# LCD Frame for Raspberry Pi 7" Touchscreen
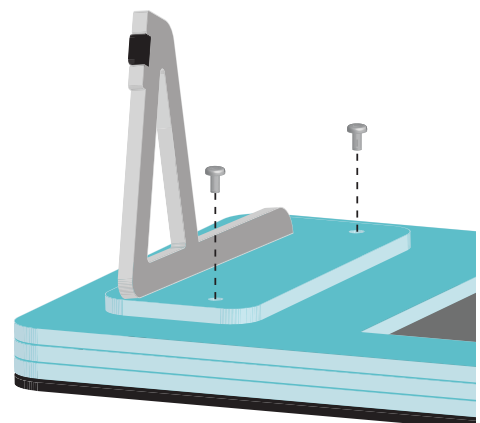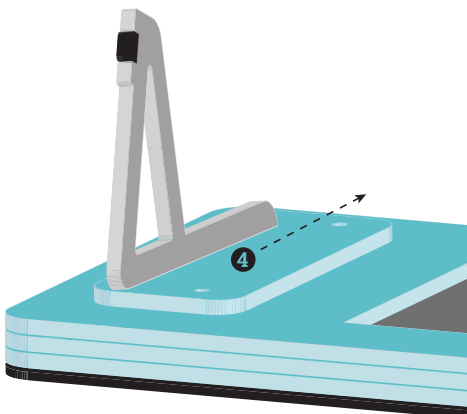
Before you start: Remove the protective film from both sides of all pieces and lay down a cloth to work on so that you don't scratch your new screen!

Place your Raspberry Pi 7" Touchscreen Display face down on a soft non-scratch surface and lay frames (1, 2, and 3) on top of it.

Align the locking stand plates (4) over the rectangular cutouts.

Insert the stands (5) into the rectangular cutouts.

Slide the locking stand plate upwards which will align the screw holes through to the display's metal bracket.

Screw in the four M3 x 6mm nylon bolts until the stands are firmly secured. Don't overtighten them!

Your frame is complete! Continue to assemble the Raspberry Pi 7" Touchscreen Display, see **http://learn.pimoroni.com/rpi-display** for more details.

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1.

2.

3.

4.

6.

Parts List
1. 7" Touch screen display
2. Display ribbon cable
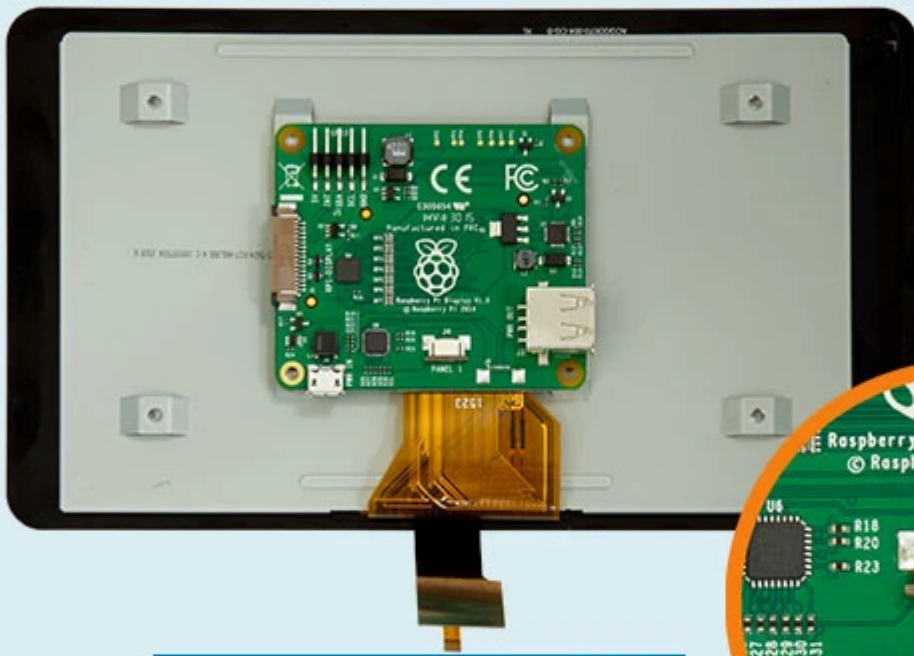3. 4 x jumper wires
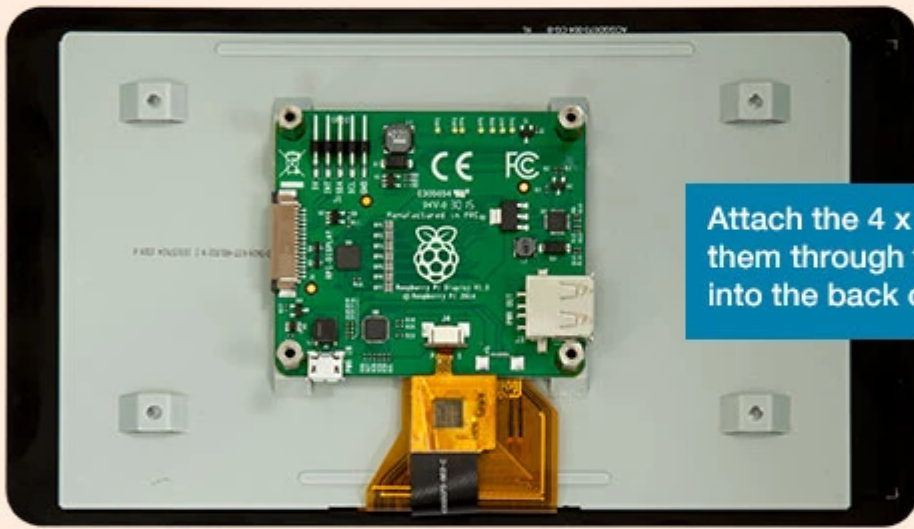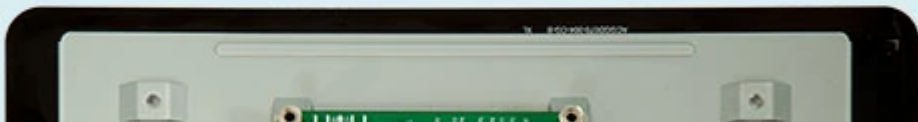4. 4 x stand-offs
5. 4 x screws
6. Adapter board

5.

Connect the display ribbon cable to the back of the adapter board (Panel 2)

Lie the adapter board onto the back of the display then connect the touch screen ribbon cable into J4 (Panel 1)
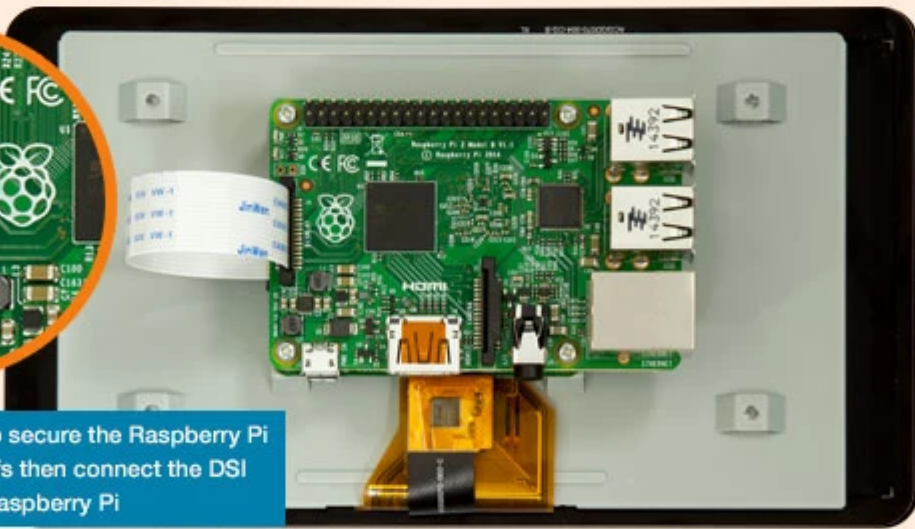

Attach the 4 x Standoffs & screw them through the adapter board into the back of the display
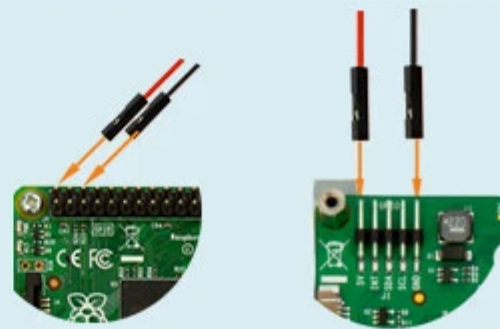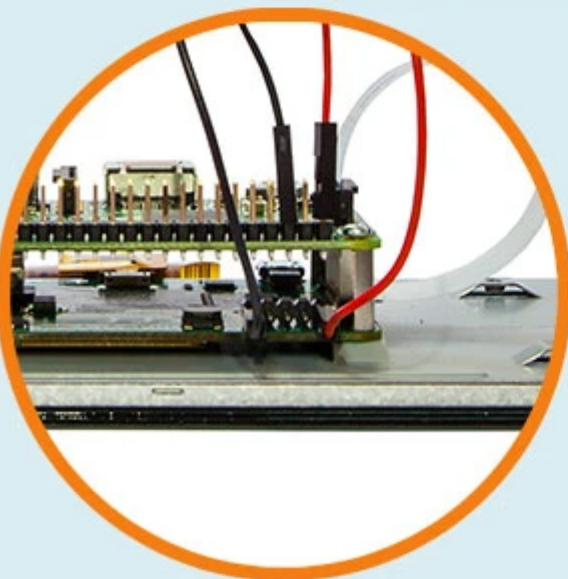
Attach the DSI ribbon cable to the Adapter Board

Use the 4 x screws to secure the Raspberry Pi board to the Standoffs then connect the DSI ribbon cable to the Raspberry Pi

Connect the jumper wires from the Raspberry Pi to the adapter board

Insert a Micro SD Card into the Raspberry Pi with the Latest version of Raspbian installed

then attach a 2Amp Power Supply to the Raspberry Pi Adapter Board to power the display and Raspberry Pi Board.

Operating Software:
Now that you've assembled your Raspberry Pi Touchscreen Display, you will need to download and install the latest version of the Raspbian Operating System - available to download from the Raspberry Pi Foundation at: https://www.raspberrypi.org/downloads/

Once installed, type
```
sudo apt-get update
```
and
```
sudo apt-get upgrade
```

(in that order) to install all of the latest drivers and software to support the Touchscreen Display.