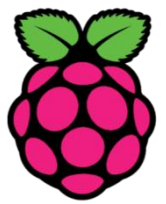
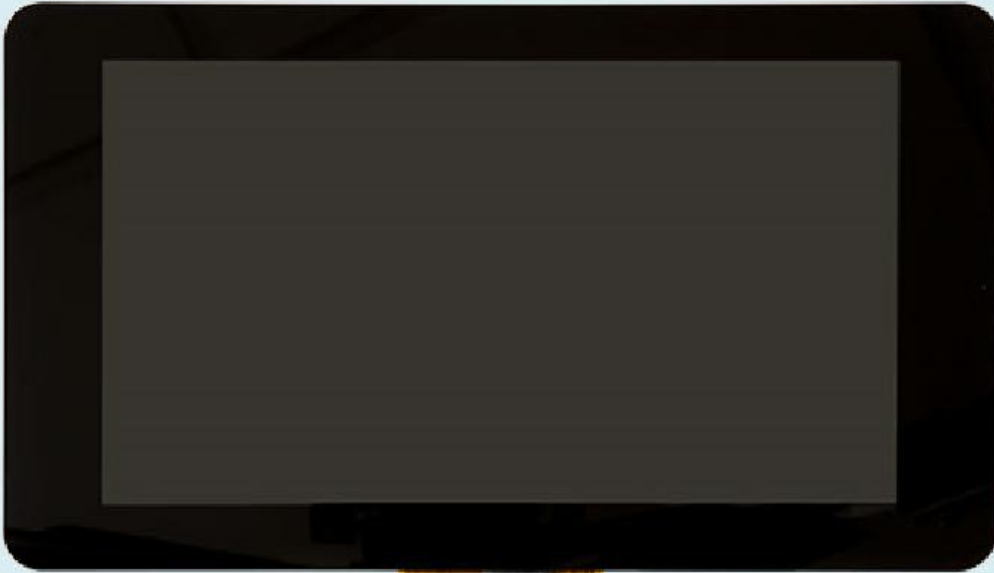



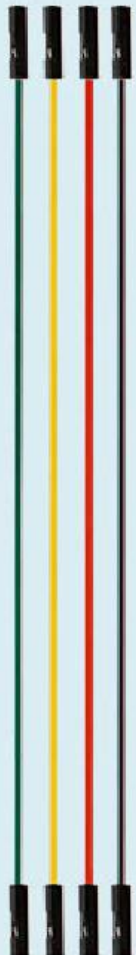
How to assemble the RPi touchscreen display





Raspberry Pi

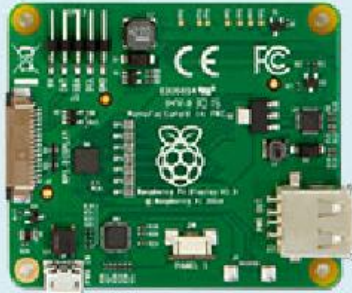
1. 

2. 

3. 

4. 

5. 

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

STEP 1



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

STEP 2



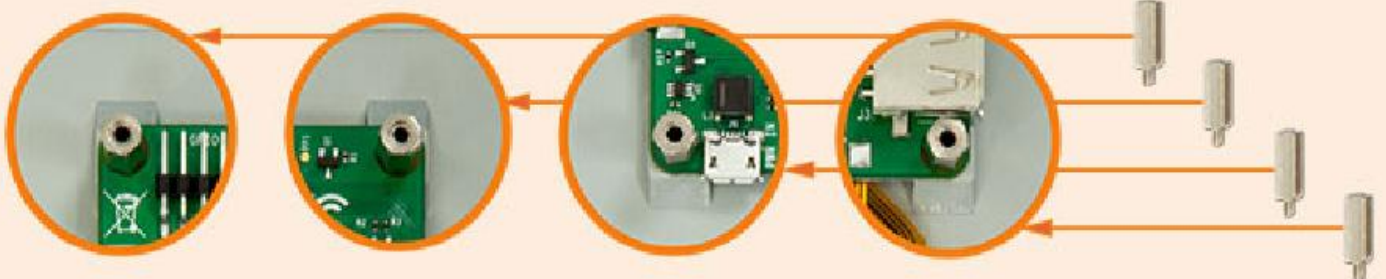
Lie the adapter board onto the back of the display then connect the touch screen ribbon cable into J4 (Panel 1)



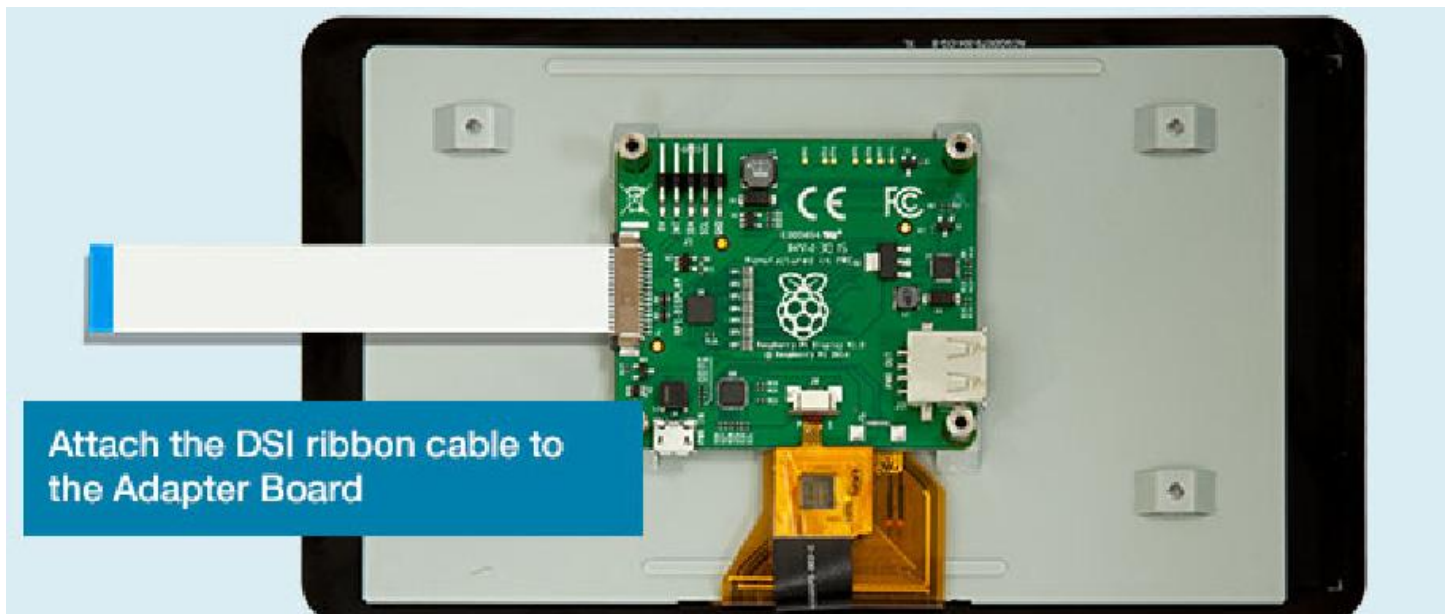
STEP 3



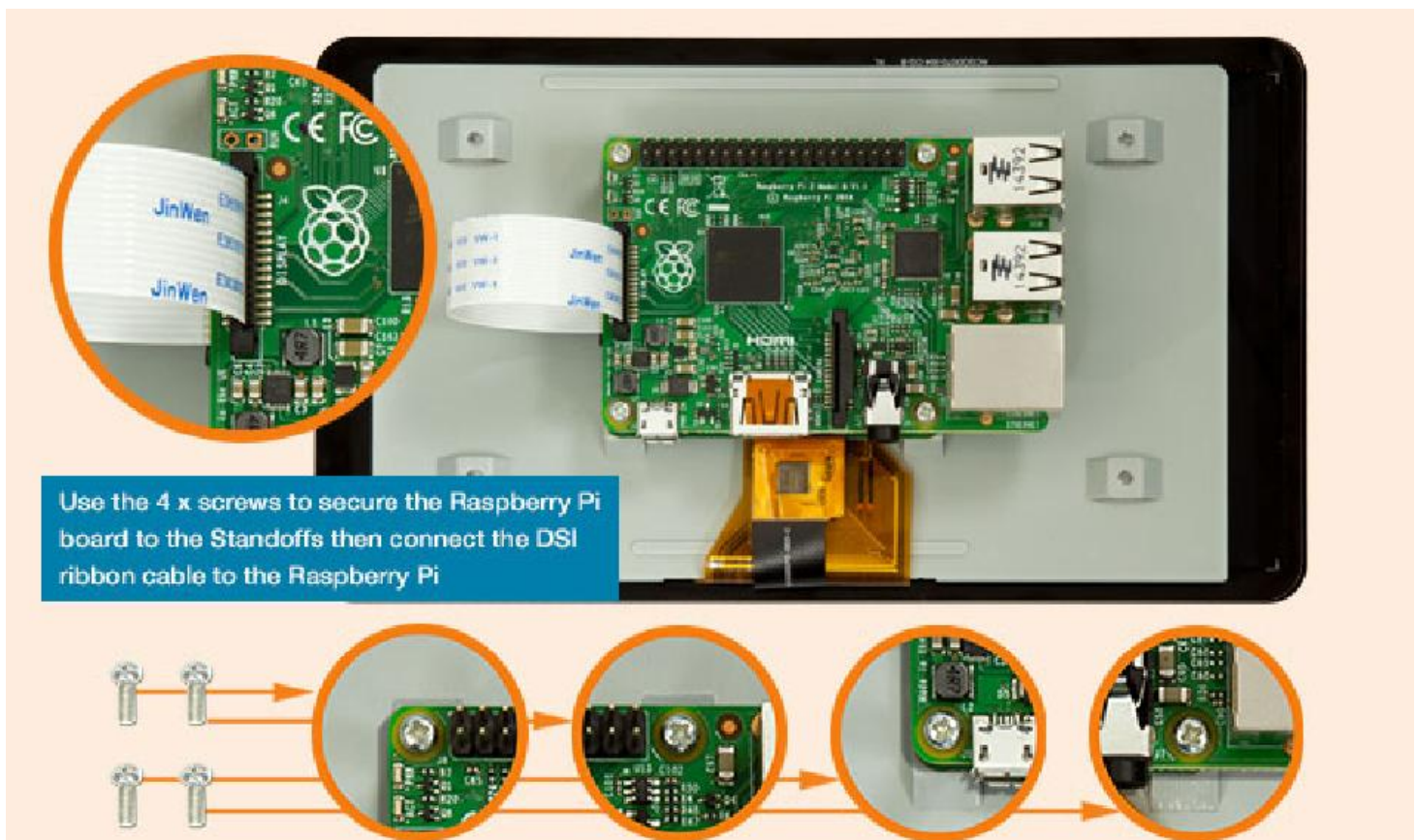
Attach the 4 x Standoffs & screw them through the adapter board into the back of the display



STEP 4



STEP 5

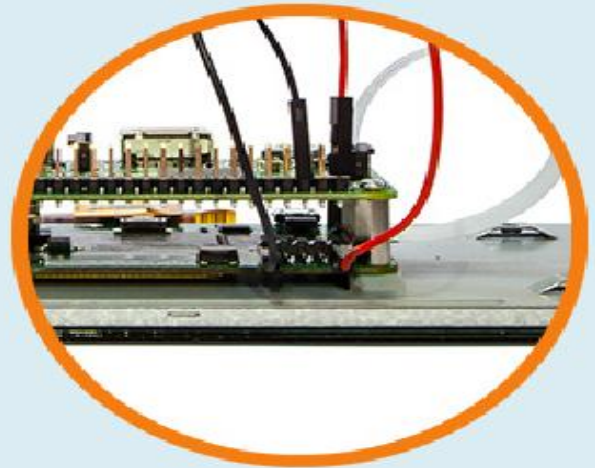
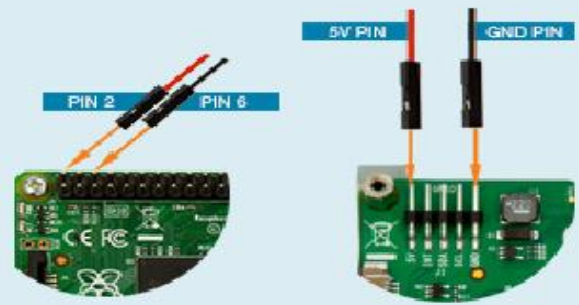


STEP 6

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

Pin #	NAME	NAME	Pin#
01	3.3v DC Power	DC Power 5v	02
03	GPIO02 (SDA1 , I2C)	DC Power 5v	04
05	GPIO03 (SCL1 , I2C)	Ground	06
07	GPIO04 (GPIO_GCLK)	(TXD0) GPIO14	08
09	Ground	(RXD0) GPIO15	10
11	GPIO17 (GPIO_GEN0)	(GPIO_GEN1) GPIO18	12
13	GPIO27 (GPIO_GEN2)	Ground	14
15	GPIO22 (GPIO_GEN3)	(GPIO_GEN4) GPIO23	16
17	3.3v DC Power	(GPIO_GEN5) GPIO24	18
19	GPIO10 (SPI_MOSI)	Ground	20
21	GPIO09 (SPI_MISO)	(GPIO_GEN6) GPIO25	22
23	GPIO11 (SPI_CLK)	(SPI_CE0_N) GPIO18	24
25	Ground	(SPI_CE1_N) GPIO17	26
27	ID_SD (PC ID EEPROM)	(PC ID EEPROM) ID_SC	28
29	GPIO05	Ground	30
31	GPIO06	GPIO12	32
33	GPIO13	Ground	34
35	GPIO19	GPIO16	36
37	GPIO26	GPIO20	38
39	Ground	GPIO21	40

Rev. 1
26/01/2014
<http://www.element14.com>



STEP 7

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.



STEP 8

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/>

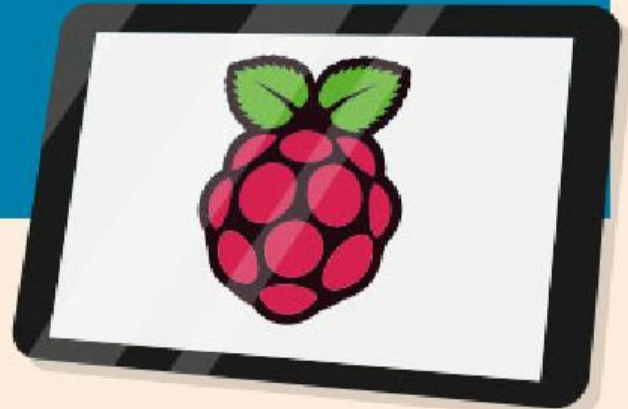
Once installed, type

```
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.



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [raspberry pi manufacturer](#):

Other Similar products are found below :

[RASPBERRY PI 7 TOUCH SCREEN LCD \(BULK\)](#) [RASPBERRY PI TOUCHSCREEN CASE - BLACK](#) [RPI3-8MP-CAMERA-BUNDLE](#)
[94AC6636](#) [RPI3BP-INABOX-KIT](#) [RPI2-MODB-8GB-NOOBS](#) [CM3+/16GB](#) [RPI NOIR CAMERA BOARD](#) [RASPBERRY-MODA+-512M](#)
[SC0214](#) [MICROUSBCABLEBK](#) [PI4B_CASE_BLK/GRY](#) [RASPBERRY PI3A+ CASE](#) [OKdo Black 3-piece standard Case](#) [RPI uHDMI - std-](#)
[M Cable, 1m / Black](#) [RPI COMPUTE MODULE](#) [SD Card preloaded with NOOBS - 16GB](#) [RPI uHDMI - std-M Cable, 1m / White](#)
[RASPBERRY PI CAMERA V2 DAYLIGHT \(BULK\)](#) [RASPBERRY PI2B](#) [CPRP010-W](#) [T6713DV](#) [CAMERA MODULE V2 DAYLIGHT](#)
[RPI-HQ-CAMERA](#) [94AC6637](#) [RASPBERRY PI CAMERA V2 PINOIR \(BULK\)](#) [PI 4 USB-MICRO B TO USB-C ADAPTER WHITE](#) [RPI](#)
[uUSB-B to USB-C adapter, Black](#) [RPI2-MODB-V1.2](#) [RASP PI COMP MOD 3](#) [CPRP020-W](#) [T6090DV](#) [RASPBERRYPI-SENSEHAT](#) [RPI4-](#)
[MODBP-8GB-BULK](#) [CPRP010-B](#) [RASPBERRYPI3 STARTER KIT](#) [CAMERA LENS ADJUST TOOL FOR RASPBERRY PI](#) [94AC6633](#)
[PI4B_CASE_RED/WHITE](#) [RPI3-MODAP](#) [ASM-1900035-01](#) [RASPBERRY-MODB+-512M](#) [RPI3-MODBP-POE](#)
[CAMERAADAPTER\(150MM\)](#) [RASPPIPWRSUPPLY](#) [ASM-1900035-11](#) [RPI4-MODBP-4GB-BULK](#) [6010602](#) [RASPBERRY-PI3-CASE](#)
[RASPBERRYPI3-MODB-1GB](#)