

10/10/2015

| INTERNET ARCHIVE | 20 captures 3. Connect the motor attached to the extruder to the connector on the RAMPS board marked B0. 4. Connect the motor attached to the Sight and the connector on the RAMPS board marked Z. 5. Connect the motor attached to the Right Panel to the connector on the RAMPS board marked Y. 6. Connect the motor attached to the Rear Panel to the connector on the RAMPS board marked Y. | | Go | AUG FEB | MAR 2016 |
|------------------|--|--|----|---------|-------------|
| | Hotend | | | | |
| | All kits are now coming with pre-made cables for the thermistor. | | | | |
| | Thermistor Cut the 3.5mm dia heat shrink tubing into two pieces 30mm long. | | | | |
| | 2. Taking the pre-made cable marked thermistor and strip the loose ends 10mm. | | | | |
| | | | | | |
| | 3. Feed one wire through each hole in the Carriage from the top. | | | | |
| | | | | | |
| | 4. Slide one piece of previously-cut heat shrink tubing on each wire. | | | | |
| | The The | | | | |
| | 5. Fold the stripped end of the wire over on itself. | | | | |
| | The stars | | | | |

<u>↑TOP↑</u>

TE They

over on itself.

http://web.archive.org/web/20150224021132/http://www.tantillus.org/Build_6.html

6. Fold the end of the thermistor lead

(Contents)

| INTERNET ARCHIVE http://w | W. takih Sing/th Mochingauge non-insulated butt Go | AUG FEB MAR |
|-------------------------------|---|-----------------------|
| IIIaIIRackMachine 20 captures | connectors (smaller ones), connect the | 4 24 ► |
| 12 Oct 12 - 24 Feb 15 | thermistor leads to the stripped ends of | 2013 2015 2016 |
| | and two-white cable. | |
| | | |
| | 8. Cover with heat shrink tubing and shrink with heat. | |
| | | |
| 2. He | ater resistor | |
| | 1. Cut the 5mm dia heat shrink tubing | |
| | into two pieces 30mm long. | |
| | | |
| | 2. Taking the 14g zip-wire, separate one end 100mm. | |
| | | |
| | 3. Strip the ends 10mm. | |
| | | |
| | 4. Thread each wire through separate holes in the carriage. | |
| | | |
| | Slide one piece of heat shrink tubing over each 14g wire. | |
| | | |
| | 6. Using the 14g non-insulated butt | |
| | connectors, connect the heater resistor | |
| | to the 14g zip-wire. | |
| | | |
| | 7. Cover with heat shrink tubing and shrink with heat. | |
| | | |
| | 8. Route both cables from the Hotend | |
| | along the Bowden cable securing them | |
| | with zip ties. | |
| | | |
| <u>↑TOP↑</u> | 9. Be sure to leave the extra wire near the carriage and Hotend to make cleaning the hotend out and changing the Hotend easier. | Contents |

| INTERNET ARCHIVE | http://www.t | antillus.org/Build_6.html | Go | AUG FEB MAR |
|------------------------|---|---|----|-----------------------------|
| WayBack Machine | 20 captures 12 Oct 12 - 24 Feb 15 | | | 24 2013 2015 2016 |
| | 10. | Kun me whes into me case unough me | | |
| | | hole below the Bowden cable hole in | | |
| | | the back panel. | | |
| | | na na | | |
| | 11. | Route the cables through the case to main board connectors, being sure to stay clear of all moving parts. | | |
| | 12. | Connect the thermistor connector to the terminal marked T0 on the main board. | | |
| | 13. | Strip the ends of the 14g zip-wire 10mm. | | |
| | 14. | Connect the 14-gauge zip-wire to the Hotend (D10) screw terminals on the main board. | | |
| | | Winne | | |

Endstop

All kits are now coming with the endstop pre-wired.

- 1. Insert the enstop switch into the bracket with the button facing down and nearest to the bolt hole.
- 2. Using a small dab of hotglue or CA glue attach the enstop to the endstop bracket to make adjustment easier.



3. Route the cable through the case to Mainboard connector marked Z-min, being sure to stay clear of all moving parts.



<u>↑TOP↑</u>)

LCD

(Contents)

10/10/2015

| INTERNET ARCHIVE | All kitswanamaoysucoming with pre-wired | AUG FEB MAR |
|--------------------------|---|-----------------------|
| WayBack ///achine | 20 captures panels. | 2013 2015 2016 |
| | 1. Cut four pieces of the aquarium tubing used | |
| | for the z-motor shaft 5-10mm long to use as standoffs. | |
| | Standof | |
| | 2. Install four of the #4 x 3/4" with washers through the slots on either side of the LCD opening. | |
| | LCD | |
| | 3. Install the four pieces of tubing cut in step 1 over the protruding bolts. | |
| | | |
| | 4. Install the LCD over the four protruding bolts and secure with four #4 nuts (finger tight). | |
| | | |
| | 5. Route the cable through the case to Mainboard connector, being sure to stay clear of all moving parts. | |
| | | |
| | Miring | |
| | SD card | |
| | All kits are now coming with SDramps boards. | |
| | 1. Plug SDramps board onto connector on RAMPS board marked SDramps. | |
| | SDram SDram | |
| | Michae | Contents |

| INTERNET ARCHIVE | Encoderwww.tantillus.org/Build_6.html | Go | AUG FEB MAR |
|--------------------------|--|----|----------------------------------|
| Mañrack illacµju6 | 20 captures 12 Oct 12 - 24 Feb 15 | | 24 ► 2013 2015 2016 2016 |
| | All kits are now coming with pre-wired | | |
| | Encoders. | | |
| | 1. Remove nut from encoder shaft. | | |
| | Encode Encode Encode | | |
| | 2. Install encoder in front panel through hole under LCD and secure with the nut. | | |
| | Encode | | |
| | 3. Route the cable through the case to | | |
| | clear of all moving parts. | | |
| | Escada Escada | | |
| | 4. Install encoder knob on encoder shaft. | | |
| | Encode Encode | | |
| | | | |
| | | | |

<u>↑TOP↑</u>

(Contents)



| UNTERNET ARCHIVE | http://www.tantillus.org/Build_6.html | Go | AUG FEB MAR |
|------------------|--|-----------|-----------------------|
| | 20 captures 2 Oct 12 - 24 Feb 15 | | 2013 2015 2016 |
| | 4. Fusir connector assembly into upper hole. | | |
| | | | |
| | 5. Connect RAMPS power connector to | | |
| | RAMPS board. | | |
| | NES - | | |
| | | | |
| | Wiring | | |
| | | | |
| | | | |
| | Setup | \supset | |

All artwork and videos © Tantillus.org 2012

<u>↑TOP↑</u>

(Contents)