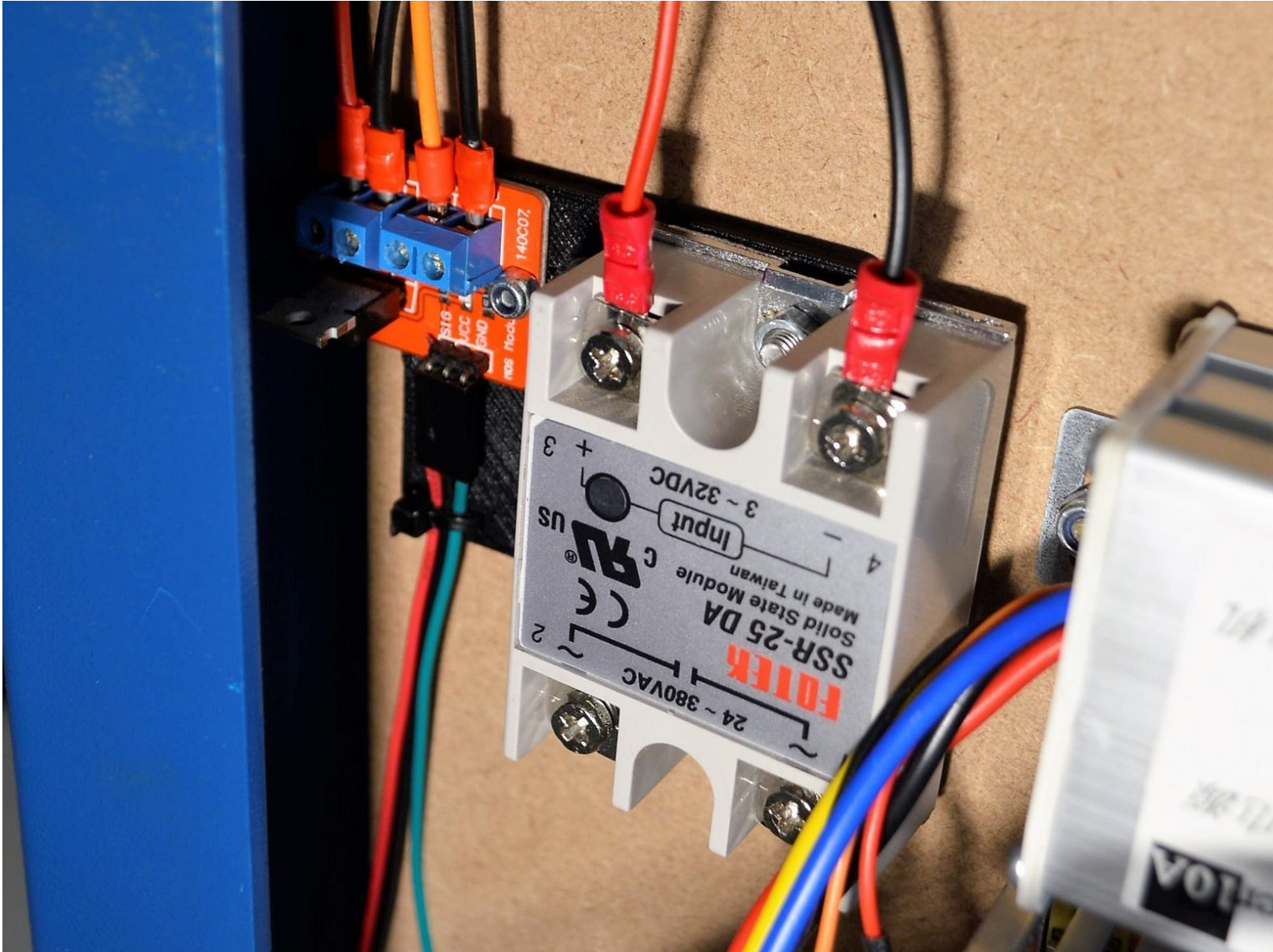


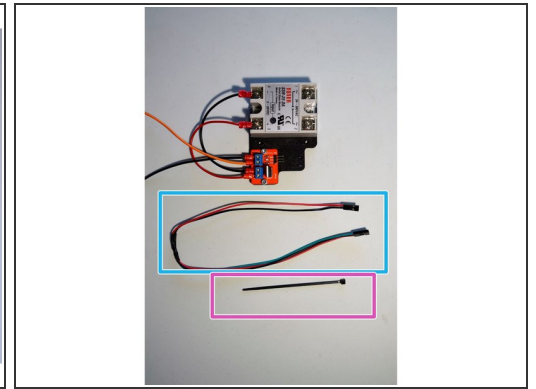
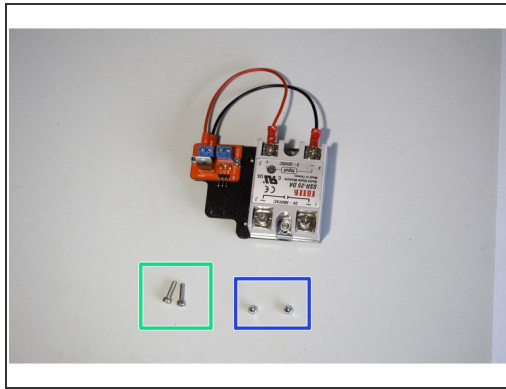
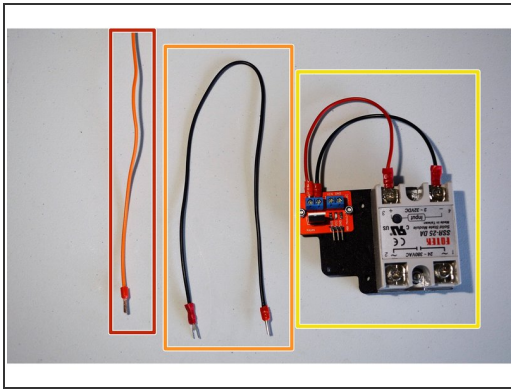
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03. Prepare the new relay assembly

Written By: Paul Cronje

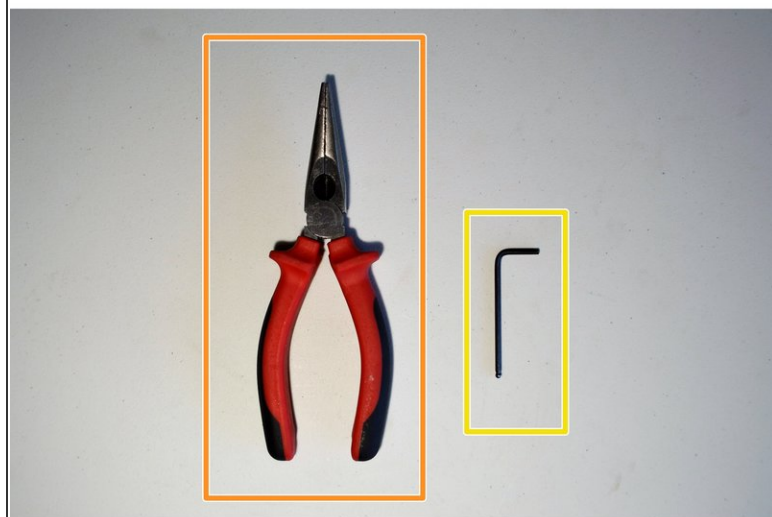


Step 1 — Parts Required



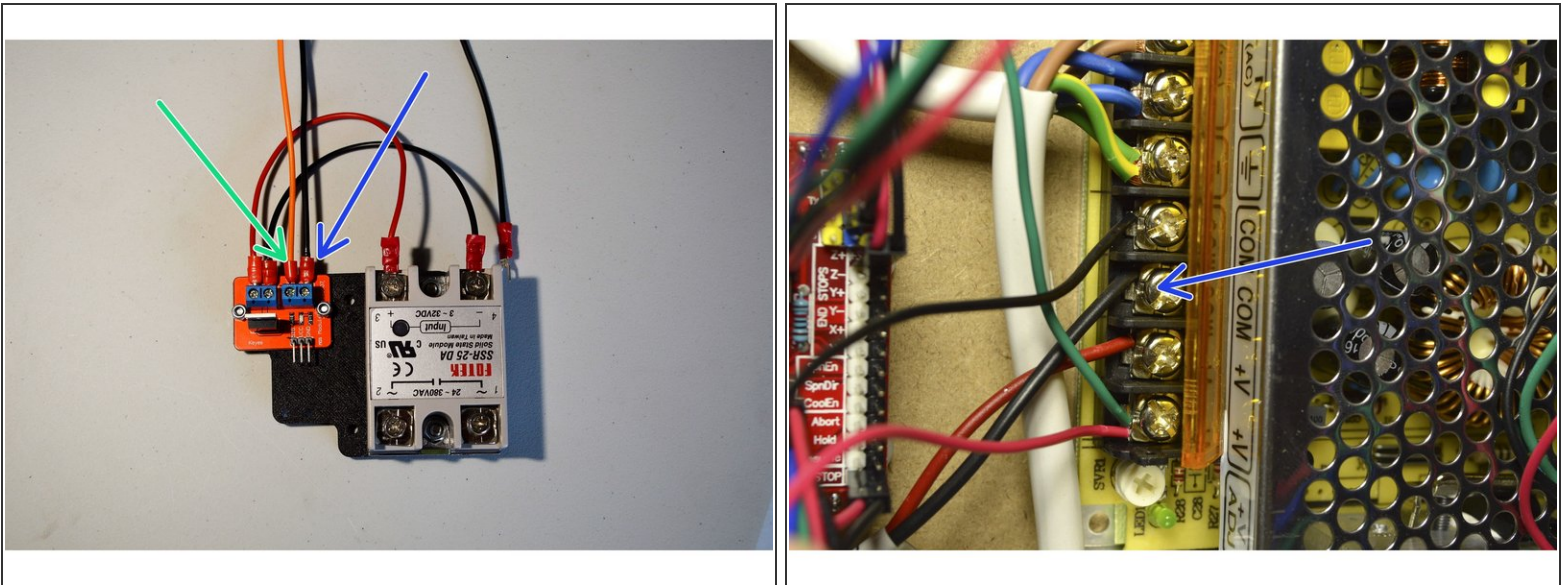
- Solid State Relay Module
- Mosfet Power Ground Cable
- Mosfet Switch Cable
- 2 pcs M3x12 Cap Screw
- 2 pcs M3 Lock Nuts
- Mosfet Signal Cable
- Cable Tie, 104 x 2.5mm

Step 2 — Tools required



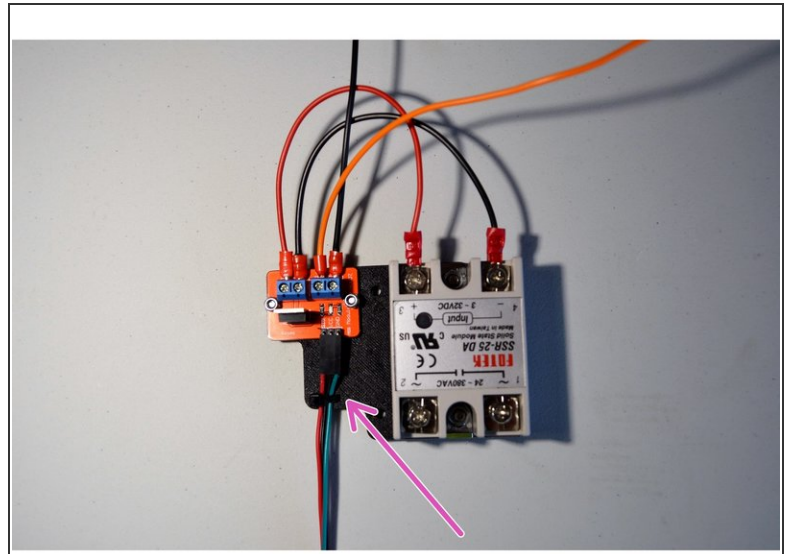
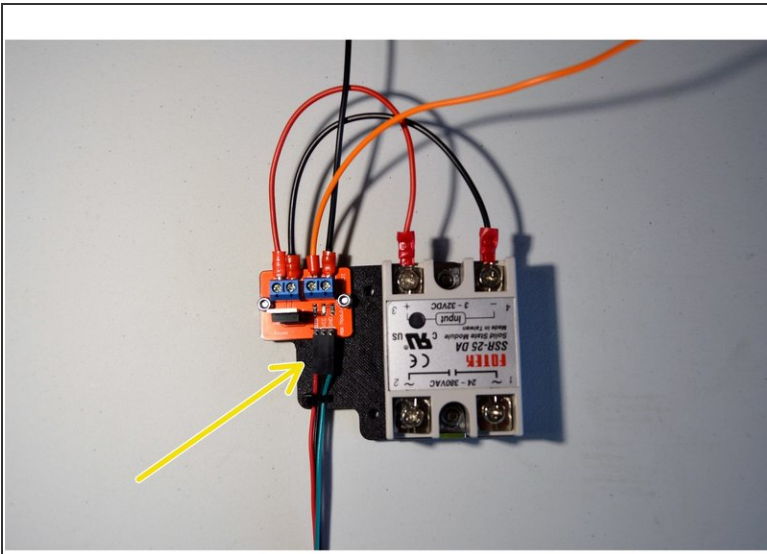
- Small Flat Screw Driver
- Sharp Nose Pliers
- 2.5mm Allen Key

Step 3 — Insert relay power cables



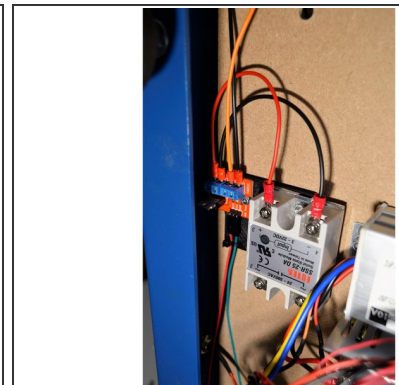
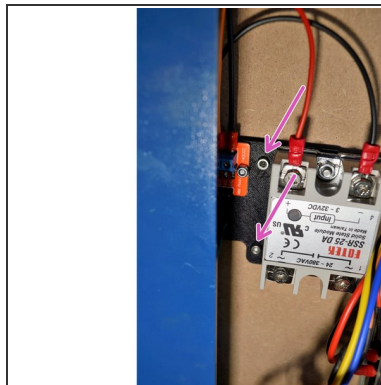
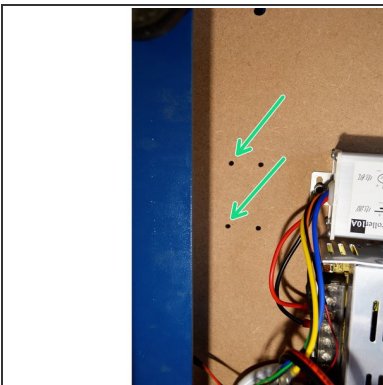
- Insert the orange Toggle Switch Cable into the V_in terminal
- Insert the black Relay Power Ground Cable into the GND terminal on the mosfet and the other end on the 12V power supply

Step 4 — Attach Mosfet Signal Cable



- Connect the 3-pin connector of the Mosfet Signal Cable to the Mosfet board as shown
- ⓘ Make sure the green cable is on the right hand side and the red cable is on the left hand side
- Cable tie the signal cable to the printed part through the holes provided

Step 5 — Mount relay assembly



- Use the 2 holes on the left hand side from the old relay to mount the new relay
- Mount the new relay with the 2 pcs M3x12 cap screws and M3 lock nuts as shown