

For this part you will need:

- 6x 26-22 AWG Insulated Quick Disconnect Terminals
- ~3 feet of 18 AWG Wire, 2 conductor
- ~6 feet of 24 AWG Ribbon Wire, 2 conductor
- 9x Small Zip Ties
- 5x 2-pin header connectors
- 5x 4-pin header connectors
- 2x 2-pin Male molex connector for the hot end
- 4x Female Pins for the hot end
- 30x Female Pins for header connectors
- 7x M3 Nuts
- 7x M3 Washers
- 4x M3x16mm Cap Screws
- 3x M3x25mm Cap Screws
- 1x RAMPS 1.4 Electronics
- 2x ramps-mount-bar printed pieces
- 2x ramps-mount-clamp printed pieces

This part will consist of creating the wires that run to the endstops, the motors, and cleaning them up a bit. Ideally you would want to use pin crimpers to put the pins onto the ends of the wires, but you can just use a pair of pliers if you are careful and don't want to buy a new tool. You will also need something to cut and strip the wires with.

The first thing that you will start with is the wires going to the motors.