

firepickdelta

Assembling the End effector Fan

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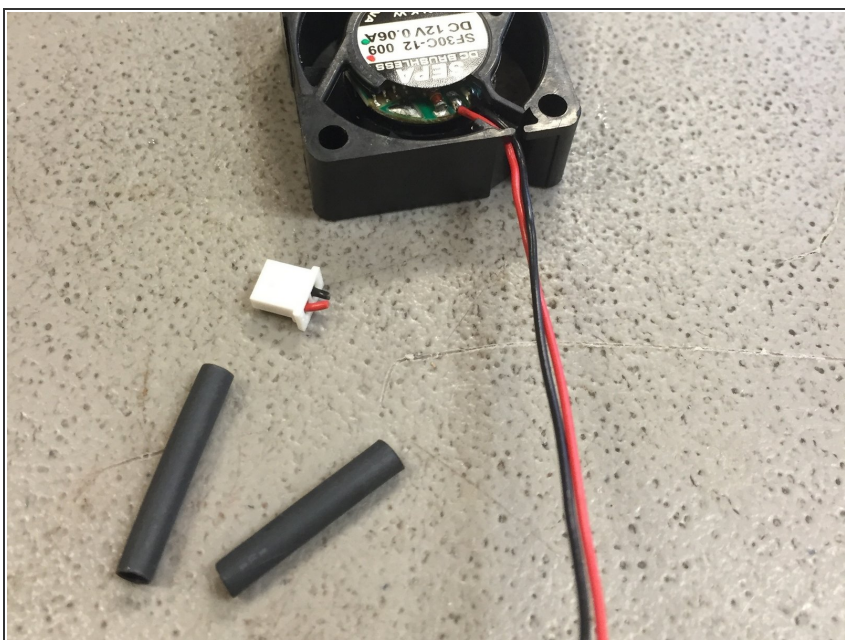


Step 1 — Gather Parts



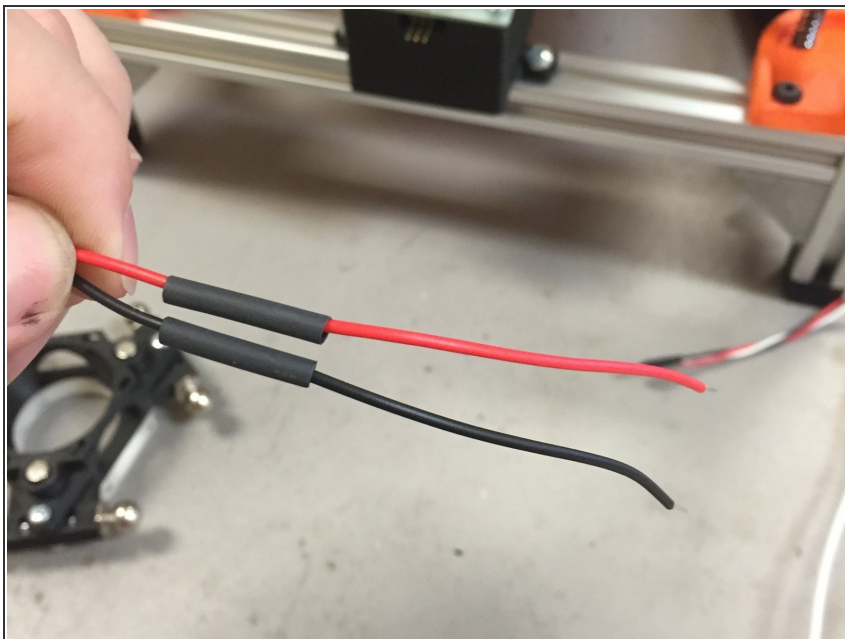
- 30mm fan
- 2-pin cable, 1M long (red / black wires w/0.1" connector)

Step 2 — Cut Off Connector on End of Fan



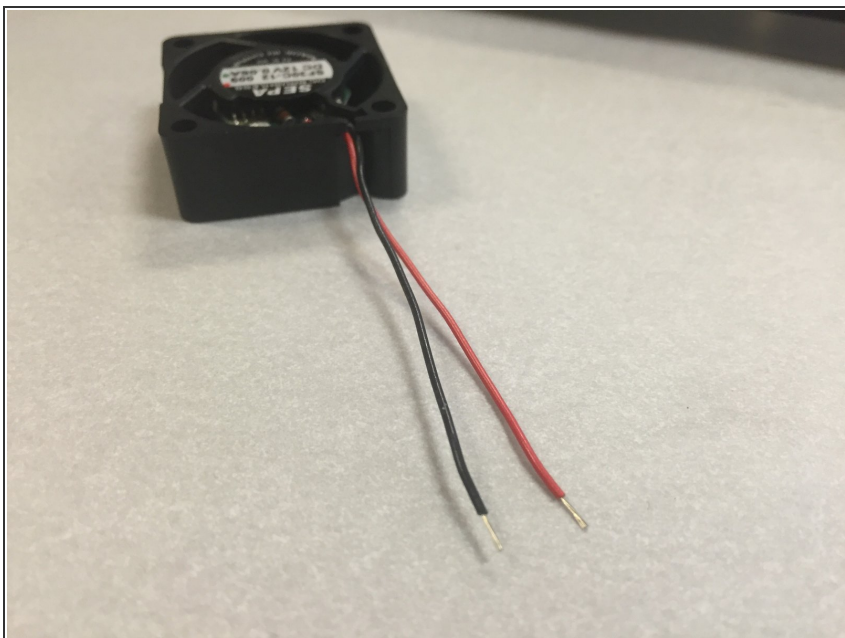
- Cut the little connector off the end of the 30mm fan.

Step 3 — Add Heat Shrink Tubing to Red and Black Wire



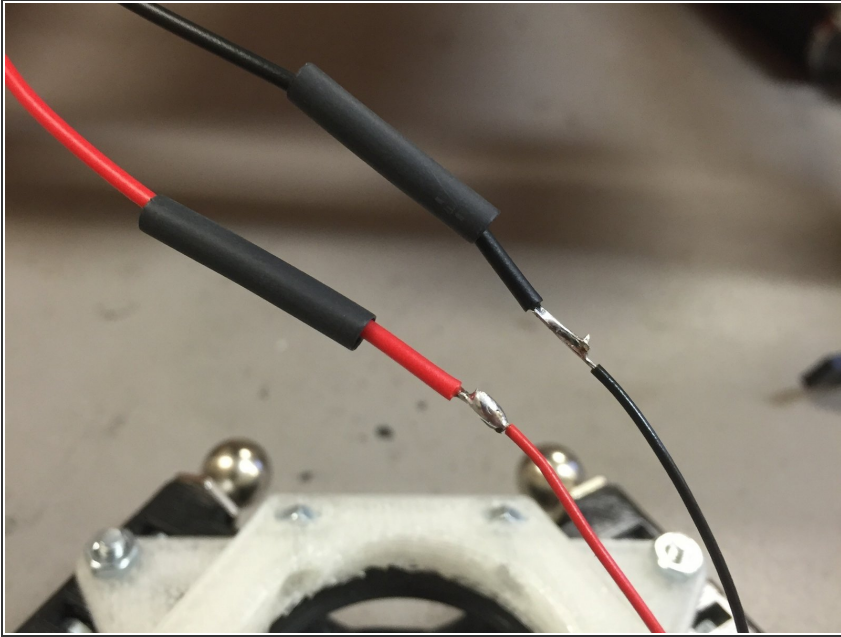
- Add a ~20mm long piece of heat shrink tubing to each piece of wire.

Step 4 — Strip Wires on Fan and Cable



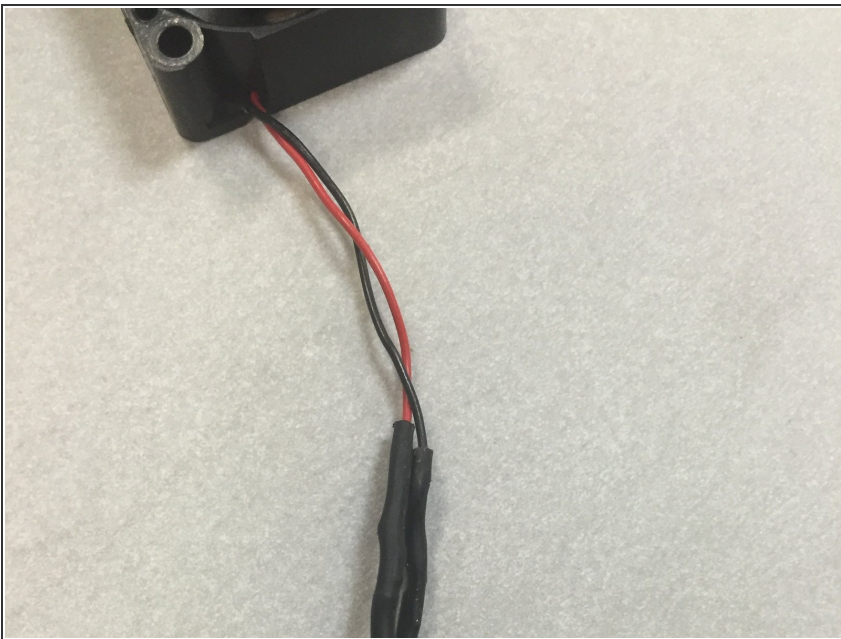
- Strip the wires on the ends of both the fan and the cable.

Step 5 — Solder Connections



- Solder the connections as follows:
- Red fan wire to red cable wire
- Black fan wire to black cable wire

Step 6 — Shrink the Heat Shrink



- Shrink the heat shrink tubing with a heat gun.

Step 7 — Done! (for now)



- The end effector assembly guide will call out this fan assembly.