



Lasko Box Fan Back Wire Repair

This guide is meant to help users resolder the wire running up the back of their box fan, as well as prevent overheating by cleaning dust out of the motor.

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INTRODUCTION

Over time, the wire that runs up the back of the fan behind the blades may come into contact with the blades, and become damaged or severed. This guide is meant to show how to repair the damage.

TOOLS:

- [Phillips #2 Screwdriver \(1\)](#)
- [Soldering Iron \(1\)](#)
- [Solder \(1\)](#)
- [Tweezers \(1\)](#)
- [Electrical Tape in 6 Assorted Colors \(1\)](#)
- [Wire Stripper \(1\)](#)

Step 1 — Lasko Box Fan Back Wire Repair



 Make sure the fan is unplugged.

- Unscrew the 6 screws on the front of the fan.
- Remove the face plate.
- Flip the fan and repeat for the 6 screws on the back. They are in the same position as the front.

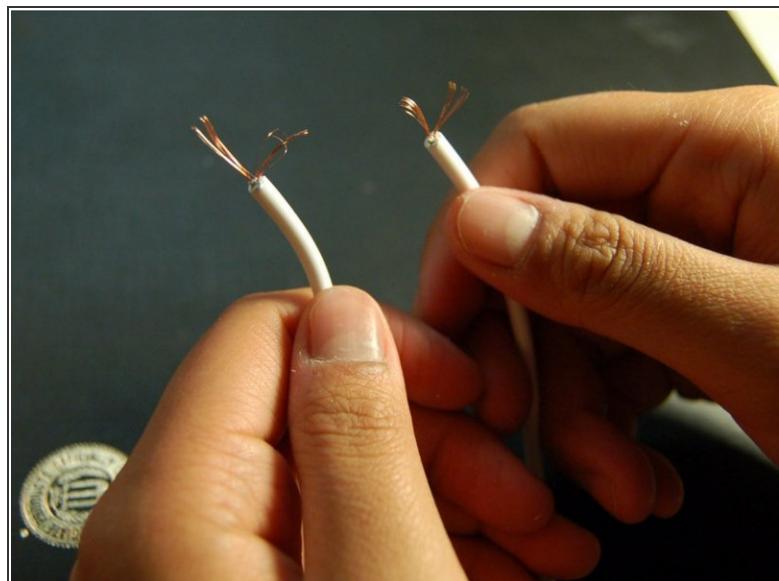
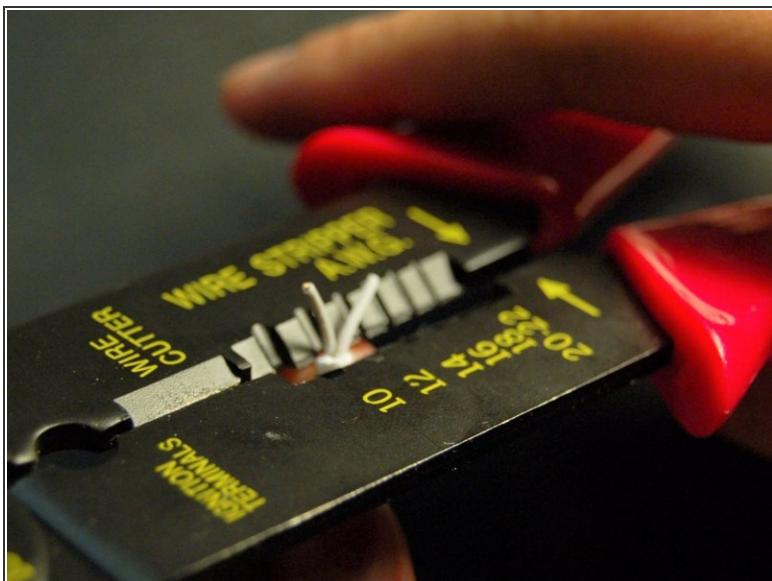
Step 2



- Unscrew the screws attaching the motor/blades to the frame.
- Unscrew the screws attaching the plastic frame to the motor.

(i) The blades cannot be removed from the motor.

Step 3



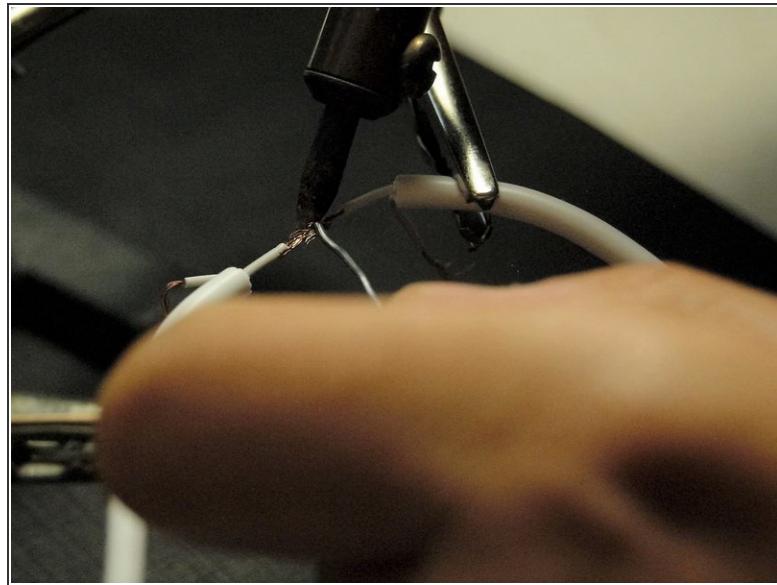
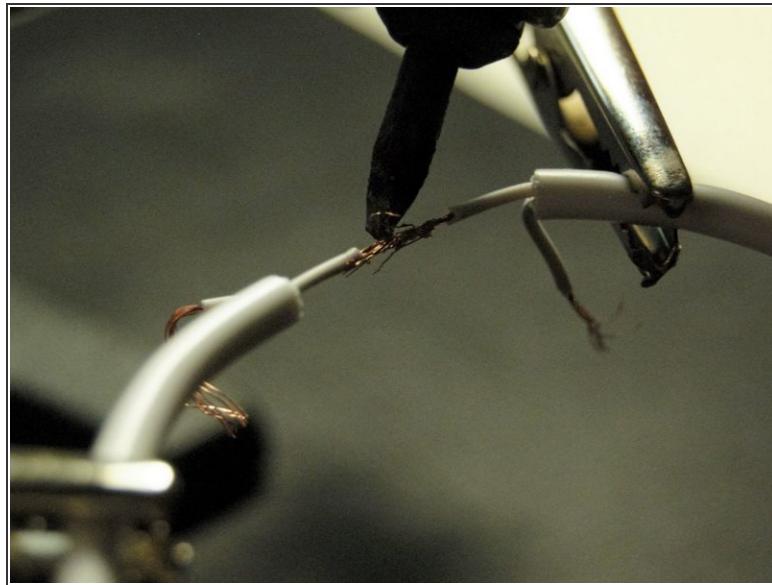
- Strip the wires using wire strippers.

Step 4



- Twist the ends of the wire together
- Place wires in soldering kit arms.

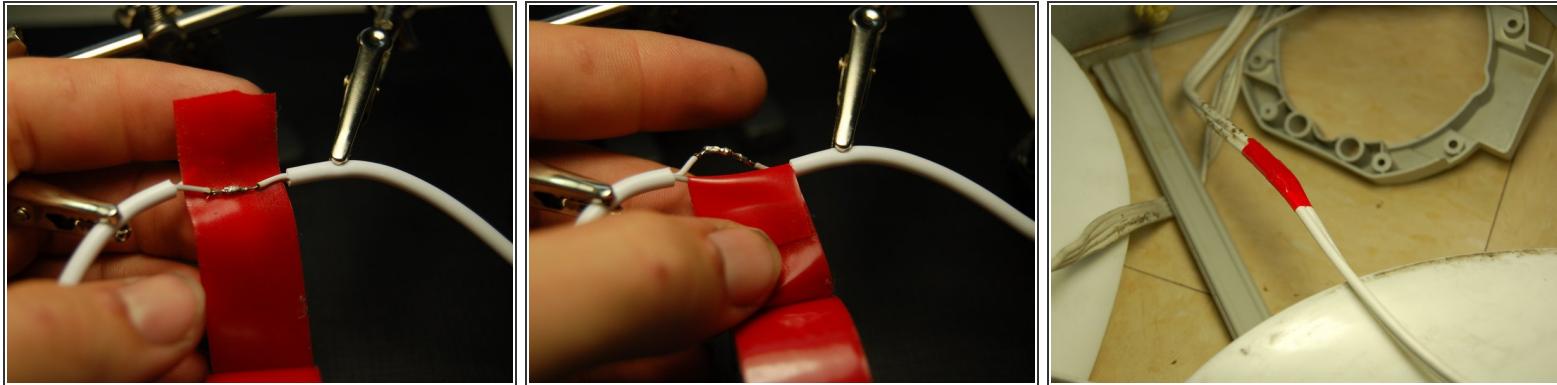
Step 5



- Plug in the soldering iron.
- When the soldering iron is hot, solder the wires together.
 - Place the tip of the soldering iron on the wires directly.
 - Place the solder on the wire.
 - Remove the solder and soldering iron from the wire
- Repeat this step with the second wire.

Soldering irons are very hot!

Step 6



- Use electrical tape to insulate the wires.
- Wrap the tape around each wire.
- Wrap tape around the outside of all of the wires.

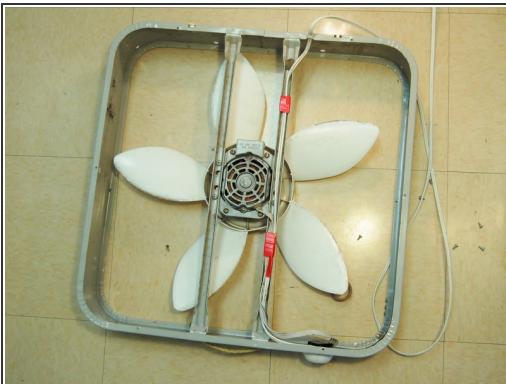
 Make sure to completely cover any exposed wire.

Step 7



- Clean out the dust from the blades and motor using tweezers.

Step 8



- Tape wires along the frame to prevent further damage.
- Put the face plates back on and enjoy!

To reassemble your device, follow these instructions in reverse order.