



# Xbox 360 S PSU Disassembly

Step by step guide for disassembling the Microsoft Xbox 360 S power supply

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## INTRODUCTION

This guide can be used for repair/refurbishing purposes

**DO NOT work on the power supply while it is plugged in or while the white/orange indicator light is on. High voltage capacitors, while charged, can seriously injure or kill you. Exercise caution during this repair.**

## TOOLS:

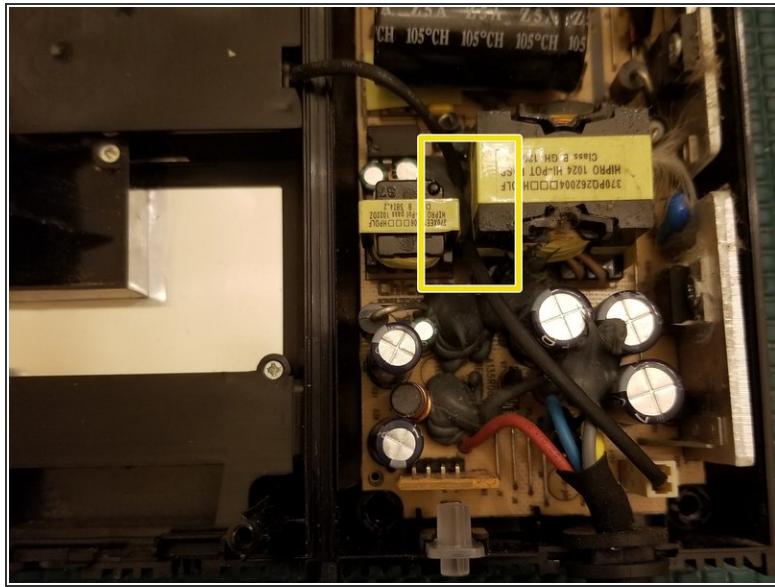
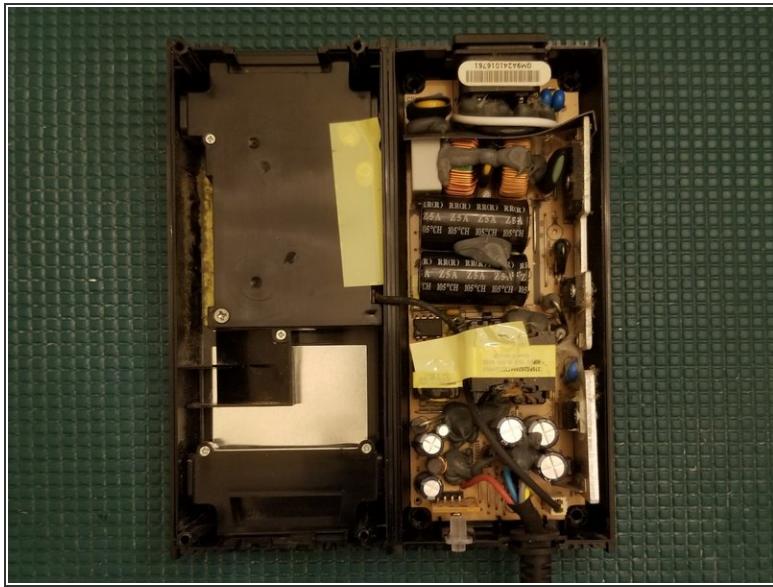
- Metal Spudger (1)
- T10 Torx Screwdriver (1)
- Phillips #1 Screwdriver (1)
- Phillips #2 Screwdriver (1)
- Phillips #0 Screwdriver (1)
- ChipQuik SMD Removal Kit (1)
- Rosin Flux (1)
- Desoldering Braid (1)
- Kapton Tape (1)
- Solder (1)
- Soldering Iron (1)

## Step 1 — Remove Rubber Boots/Screws



- Remove rubber boots
- Remove T10 Screws

## Step 2 — Cooling Fan Cable



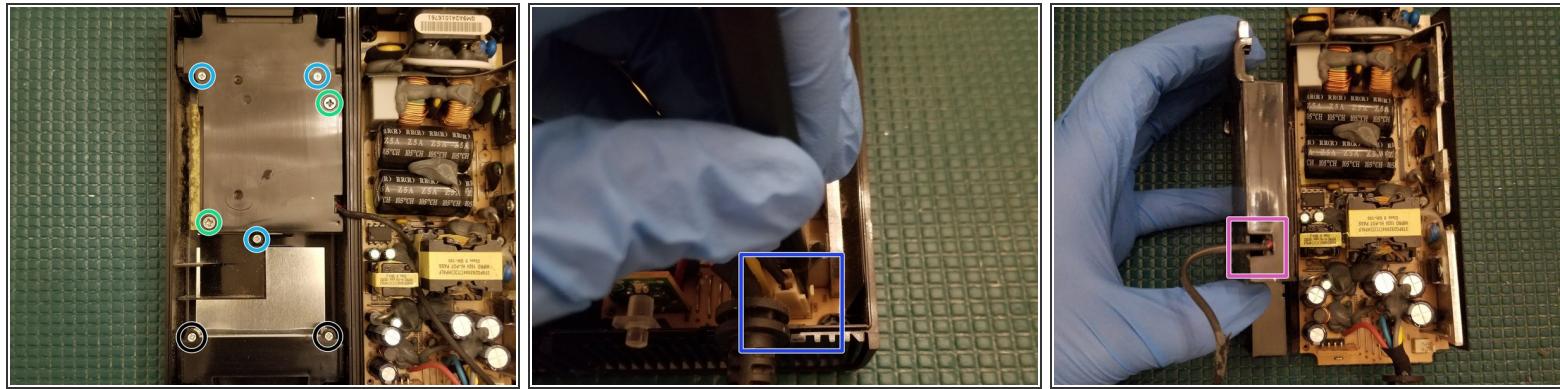
- Remove the top shell, flip it over, and place next to lower shell

**⚠** The two halves are connected together via the cooling fan wire. BE GENTLE when separating them

- i** In typical Microsoft fashion, they've made it complicated to remove the fan wire. Not only is it wedged between two transistors it's also adhered with an epoxy like substance.
- Using a craft knife, carefully cut through the epoxy to get the cable free. Work slowly and carefully. The thick substance and awkward angles make this a slightly tedious process

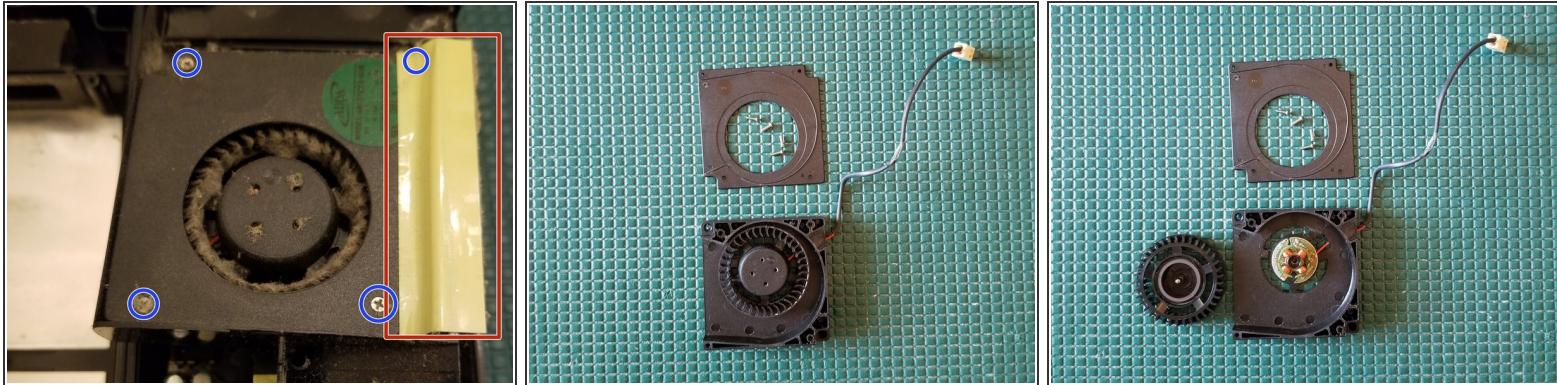
**⚠** Be **VERY CAREFUL**. You can easily cut the cable here accidentally. If you cut your red/black wires you'll have to patch them. "Slow is smooth, smooth is fast"

## Step 3 — Cooling Fan Assembly



- Remove PH2 screws
- Remove PH1 screws
- Removal unnecessary
- Disconnect cooling fan plug
- Pull wire through

## Step 4 — Fan Disassembly



- Remove tape in order to remove fan from its housing unit. This also uncovers a hidden screw.
- Remove 4 PH0 screws
- *(i)* Tape will need to be replaced during reassembly. Electrical or kaptom tape will suffice

**⚠** Take note of the amount of filth collected on this fan. Inadequate cooling could kill your supply, or worse, become a fire hazard

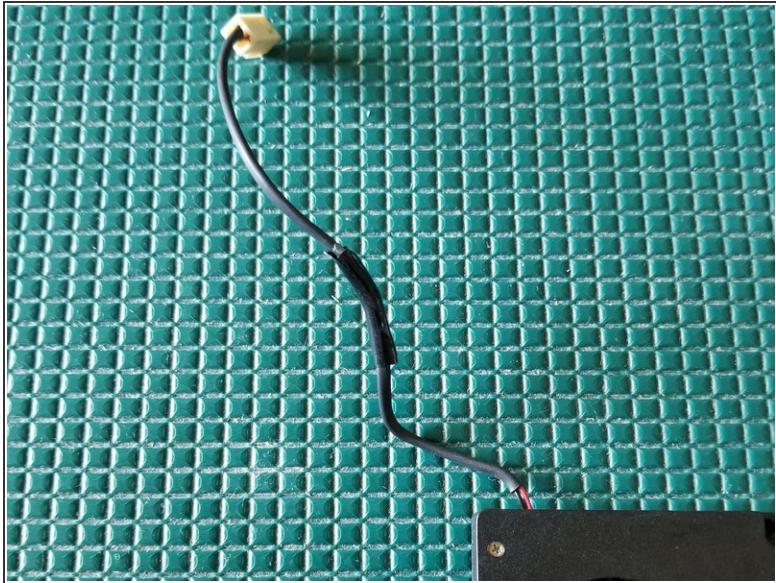
- Remove fan upper housing plate
- Gently lift the fan up and over the post

## Step 5 — Fan Model Info



- Fan model info in case you need to search out new parts

## Step 6 — Repair Fan Cable If Necessary

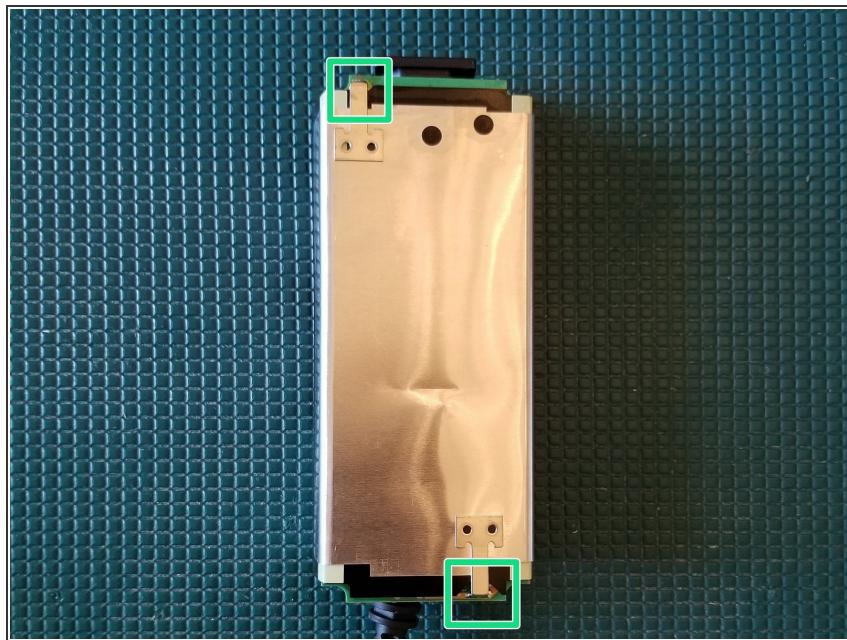


- The fans +/- wires are covered by a thin protective sleeve.
- Apply some electrical or kaptom tape to patch it if necessary.

*(i)* Initially I tried to use shrink tubing here but the smallest diameter I could get around the plug was a 3/8" tube which will not properly seal around the cable when heated

*(i)* If you accidentally cut through the entire cable (+/- wires) you'll have to resolder them together and cover with shrink tubing.

## Step 7 — Underside Of PCB



- Remove PCB from lower shell and place face down
- *(i)* The metal shield must be removed in order to expose the bottom of the power supply PCB
- To quickly and safely remove I suggest using ChipQuik on the 2 single sided through holes. Alternatively you can use solder wick

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