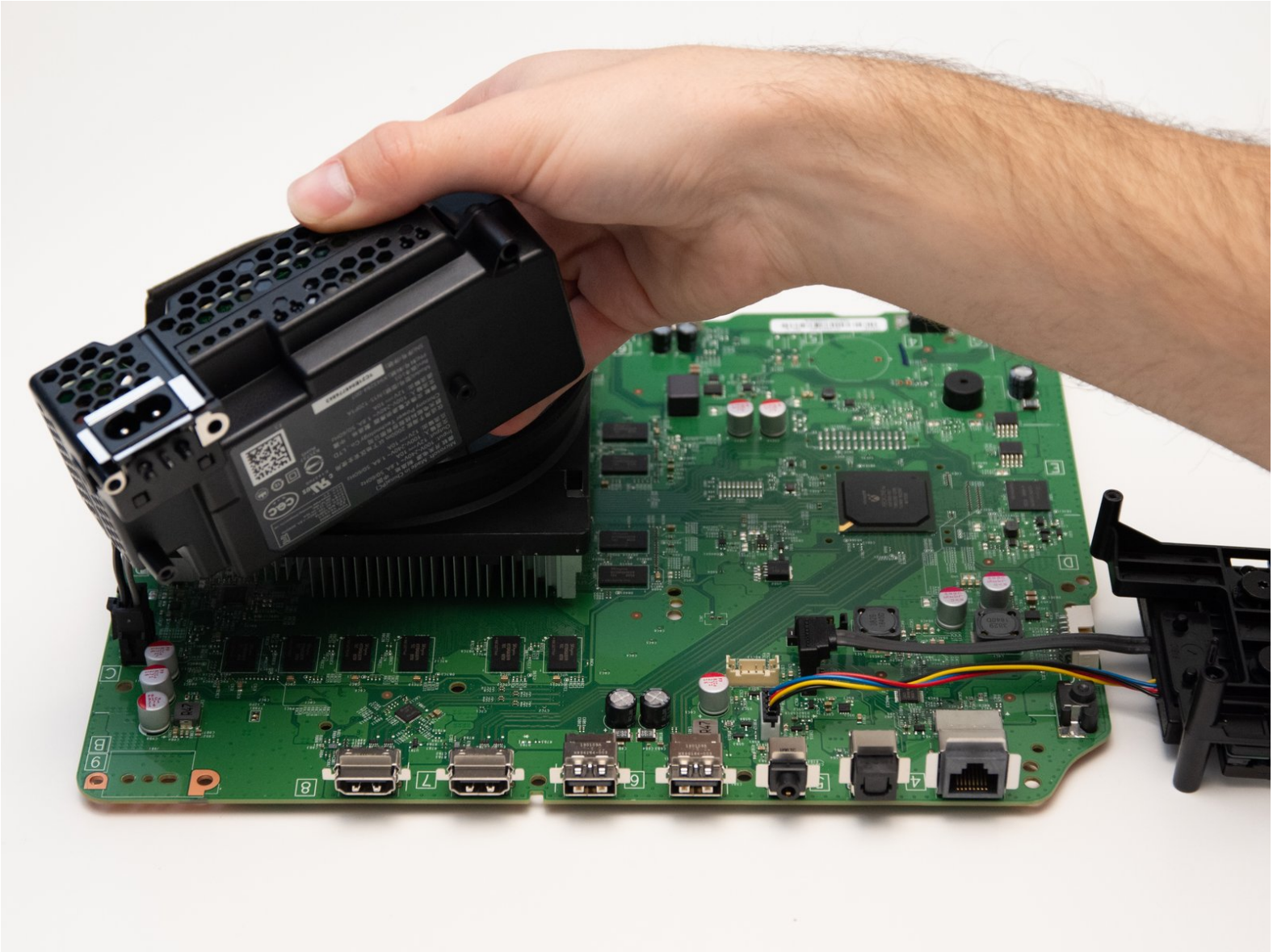
Xbox One S All Digital Edition Power Supply Replacement

Follow this guide if the console does not turn on or has other power issues.

Written By: Jules Hajjar



INTRODUCTION

This guide showcases how the power supply can be replaced in case of a power issue on the Xbox One S All Digital Edition (Model 1681). Symptoms of a faulty power supply may be the Xbox turning on and off randomly or not turning on at all. Note that the entire console will have to be disassembled to properly replace the power supply without damaging other components. Disconnect all cables prior to disassembly.

TOOLS:

- iFixit Opening Tools (1)
- TR10 Torx Security Screwdriver (1)
- T8 Torx Security Bit Screwdriver (1)

PARTS:

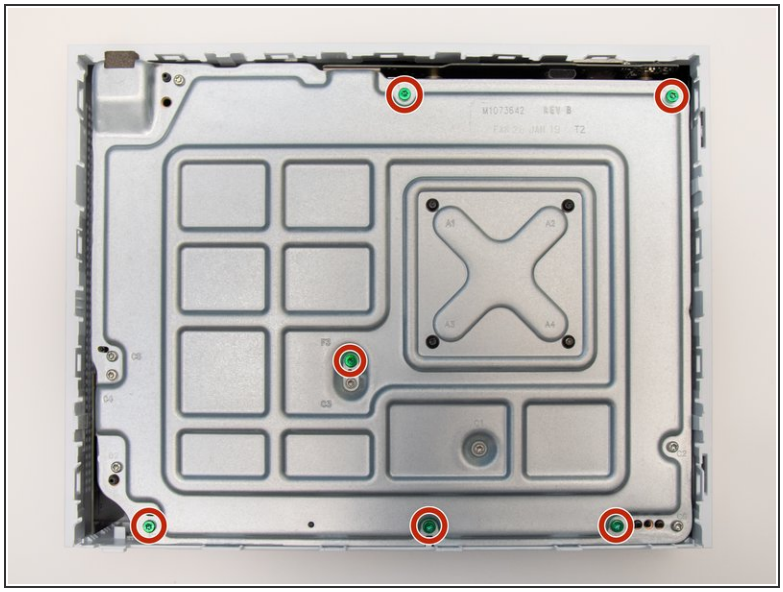
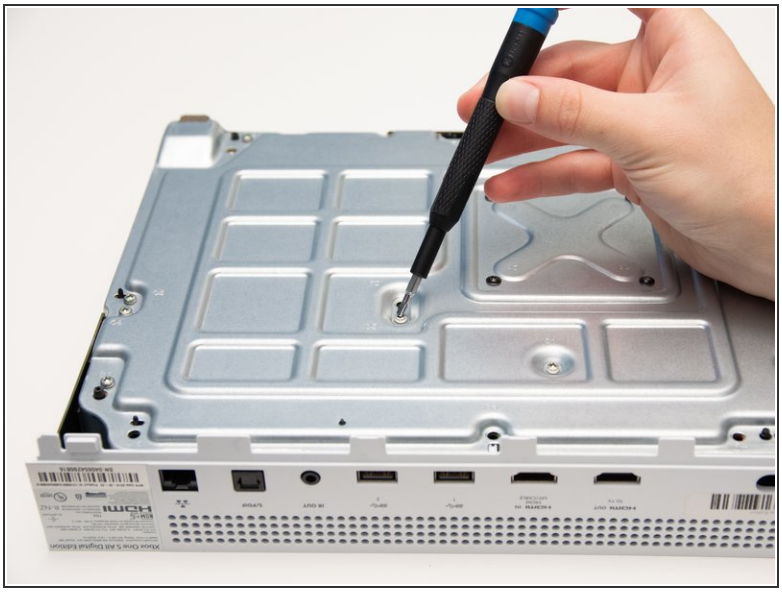
- Xbox One S Power Supply (1)

Step 1 — Plastic Enclosure



- Position the iFixit Opening Tool's riveted edge in between the top and bottom cover of the plastic enclosure.
- Apply downward pressure on the iFixit Opening Tool until the security clip unlocks.
- Repeat on different points of the plastic enclosure until the bottom cover is removed.

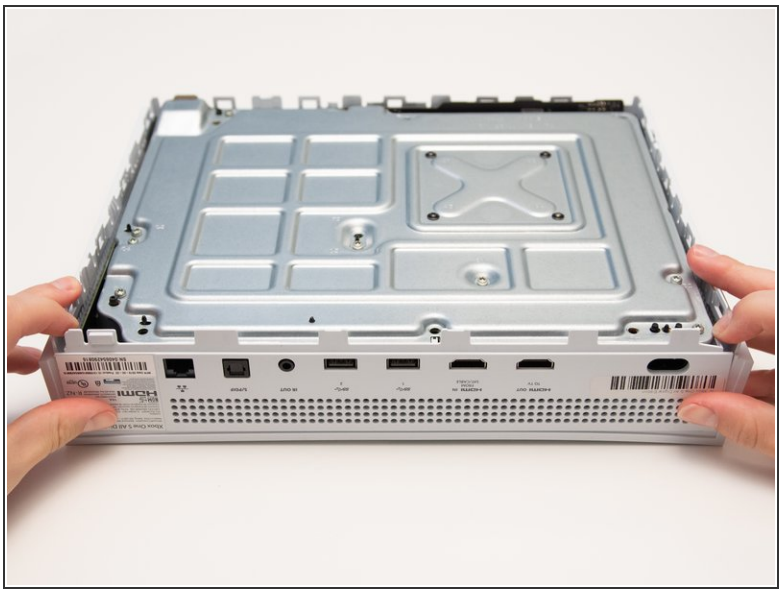
Step 2

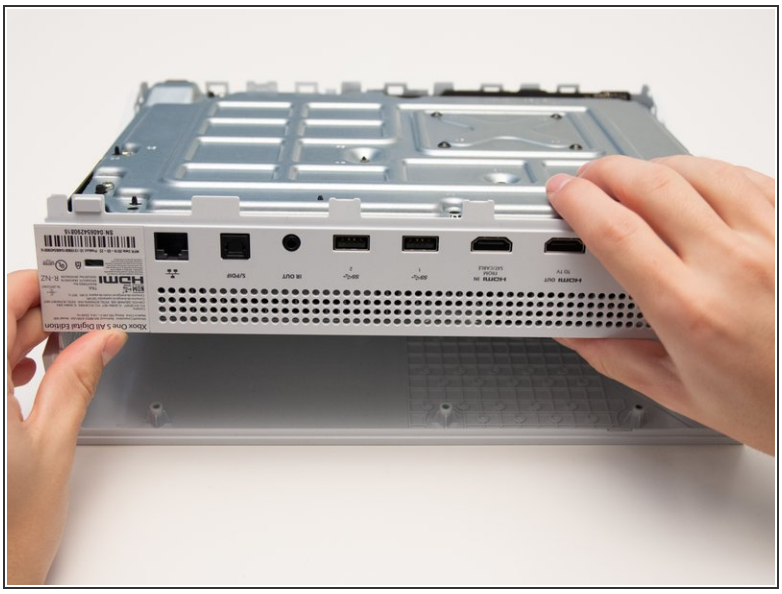



- Remove the six 50 mm green screws (labeled F1-F6) from the metal chassis using a Torx 10 screwdriver.

ⓘ These screws hold the top cover of the plastic enclosure to the chassis.

Step 3

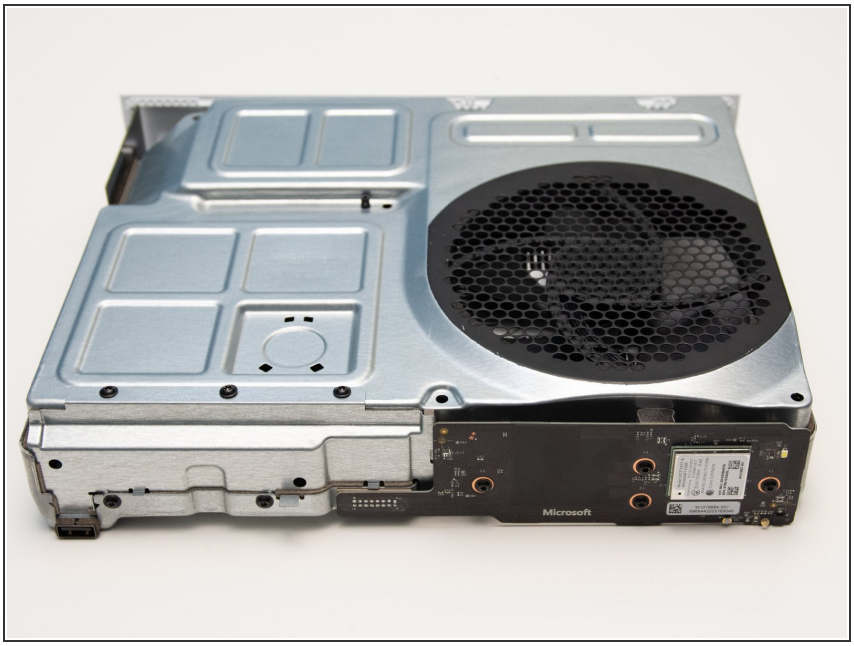




- Apply pressure to peel off the sides of the casing.
- Separate the metal chassis from the top cover, lifting the back of the chassis up and away from the top cover.

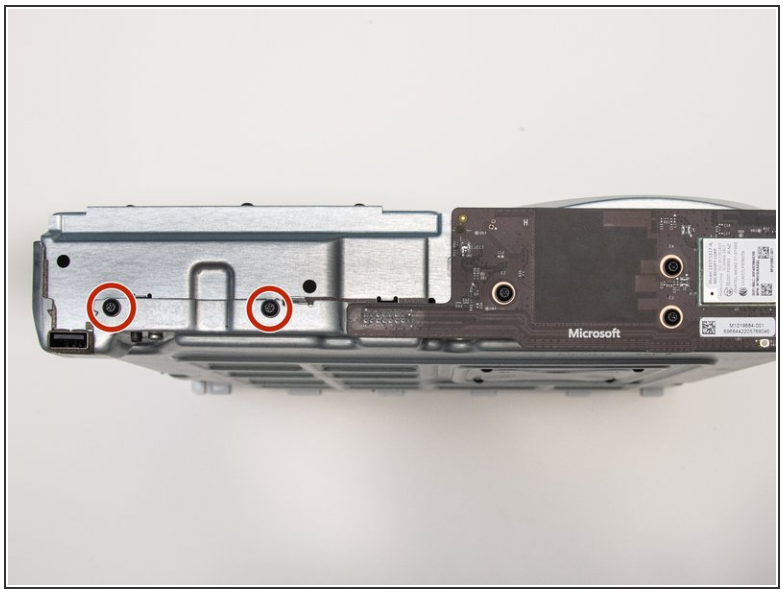
ⓘ The plastic back panel is meant to stay attached to the metal chassis.

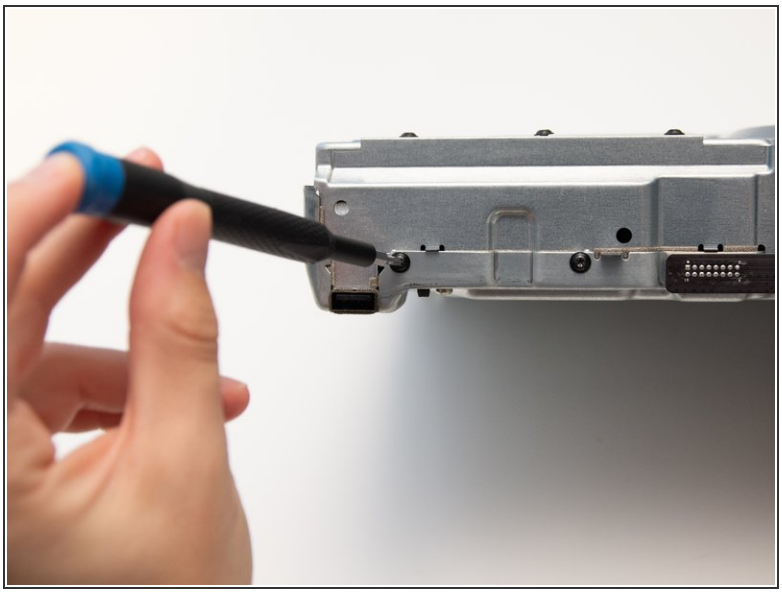
Step 4



- Flip the metal enclosure so that the fan cover is on top.

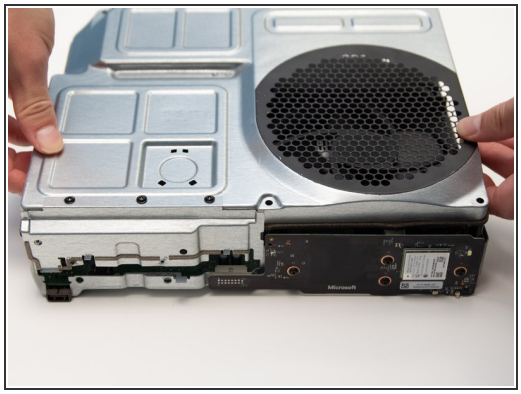
Step 5 — Top Metal Shield





- Remove the two 15mm screws from the front panel using the Torx T8 screwdriver.

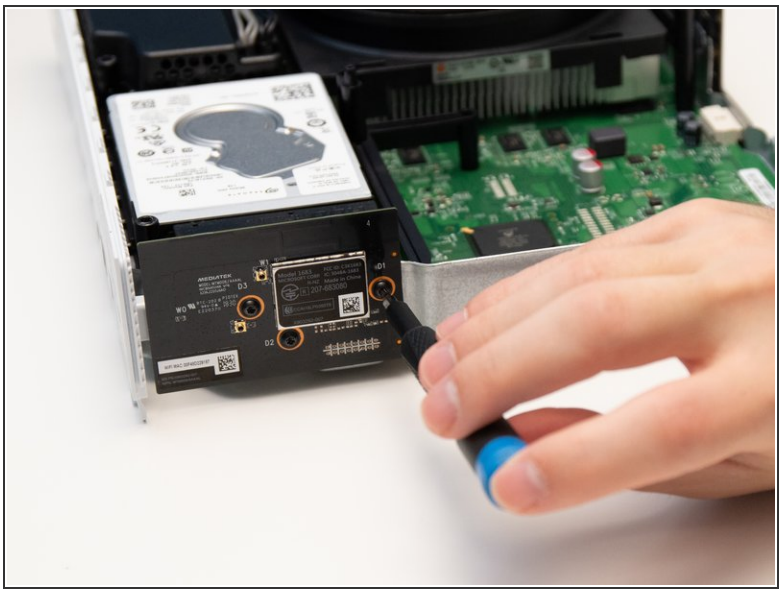
Step 6



- Carefully slide the top metal case off the frame.

This may require shifting the case side to side as you slide up.

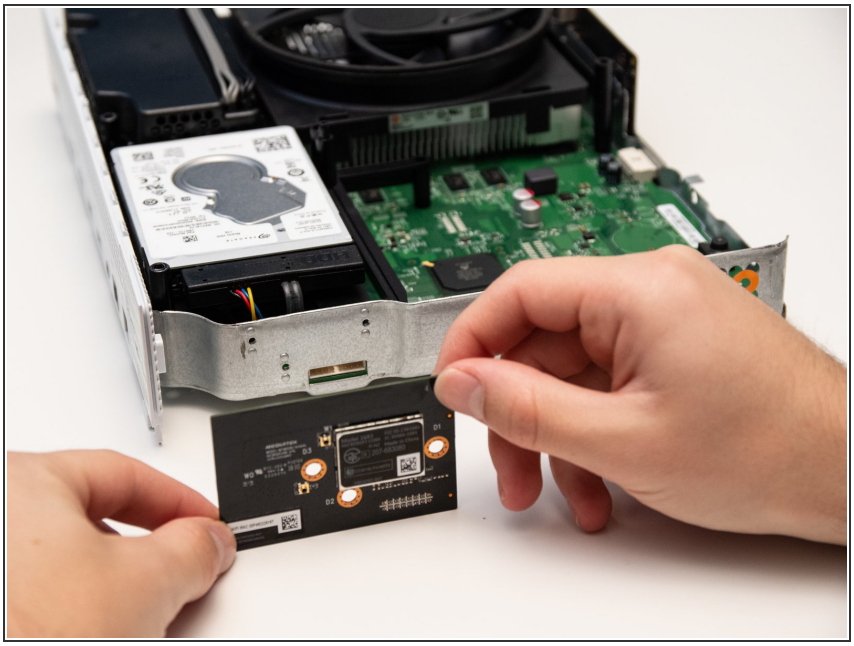
Step 7 — Wifi Card



- Remove the three 15 mm screws with the Torx T8 Security Bit Screwdriver.

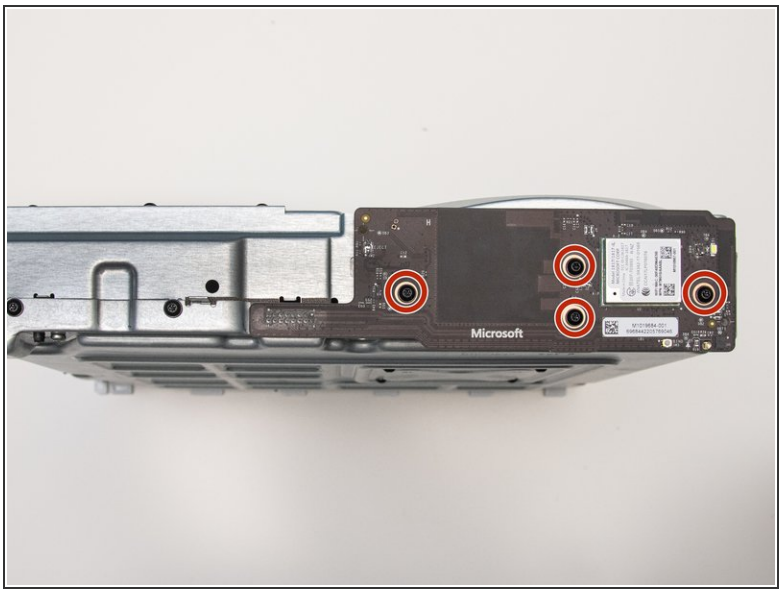
The top of the metal chassis has been removed in the picture, but is not necessary for the replacement.

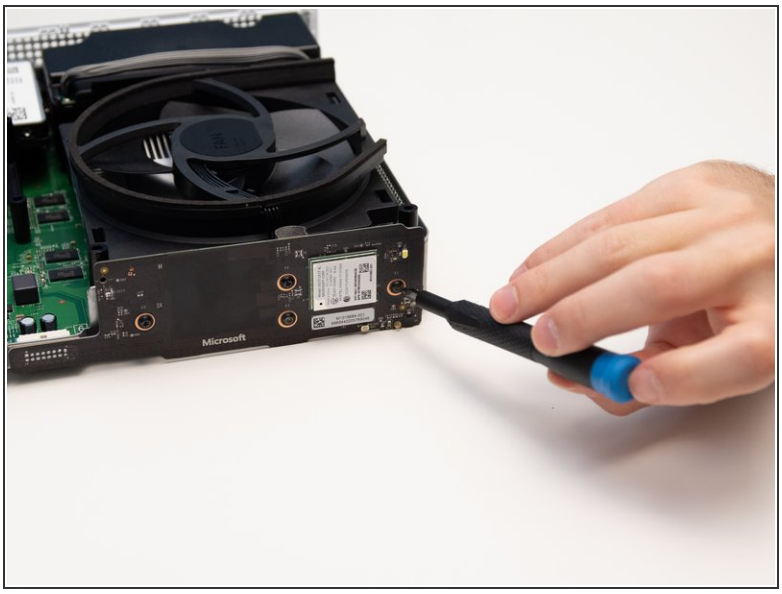
Step 8



- Carefully remove the WiFi Card from the metal chassis.

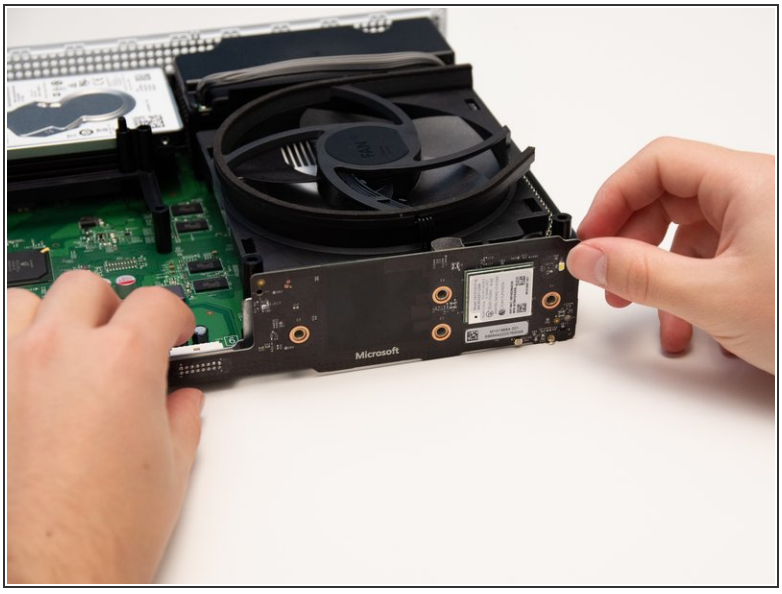
Step 9 — IR Blaster

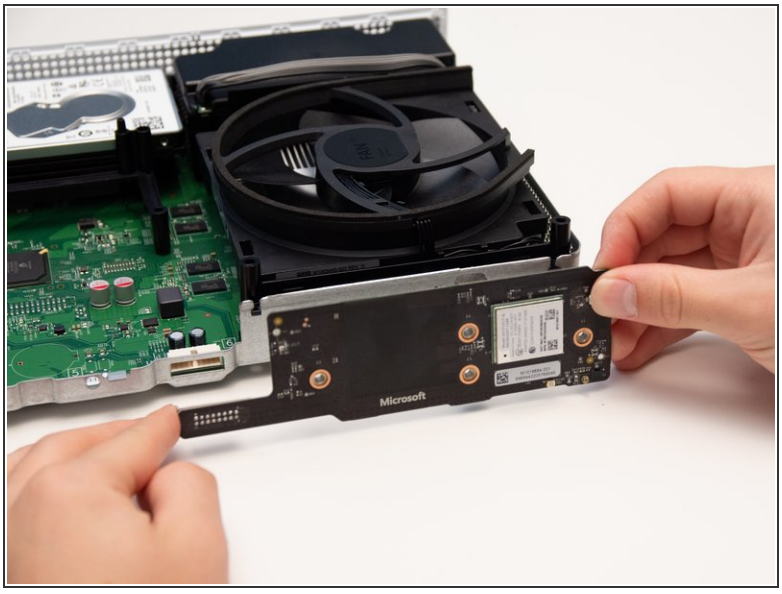




- Remove the four 15mm screws attaching the IR Blaster to the metal chassis with the Torx T8 Security screwdriver.

Step 10

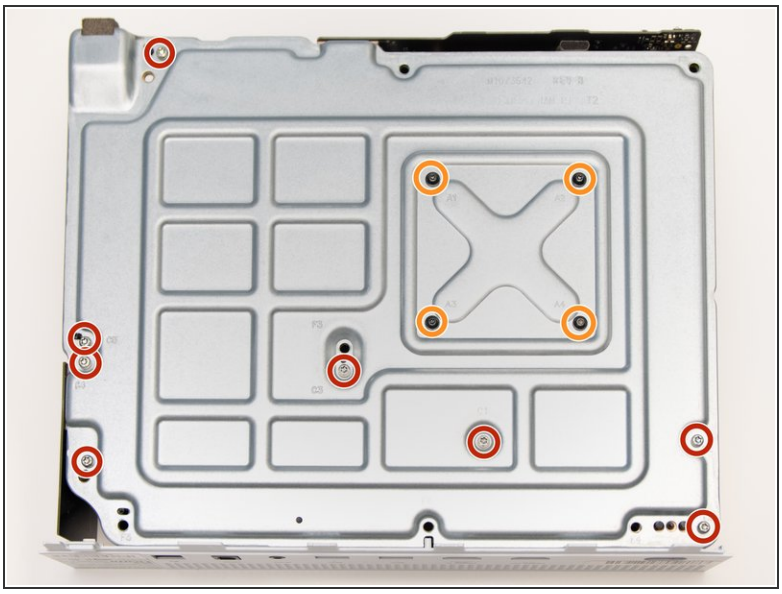




- Carefully remove the IR Blaster from the metal chassis.

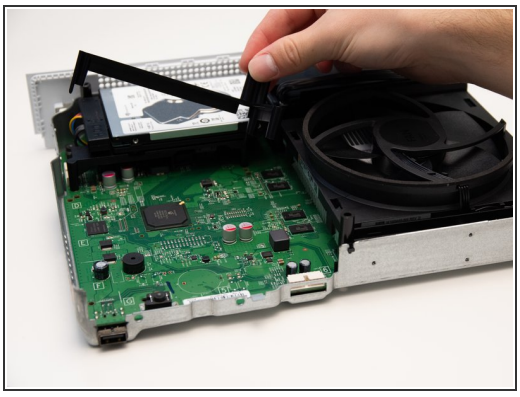
⚠ The connector is very fragile. Make sure you pull the board away from the case and not sideways.

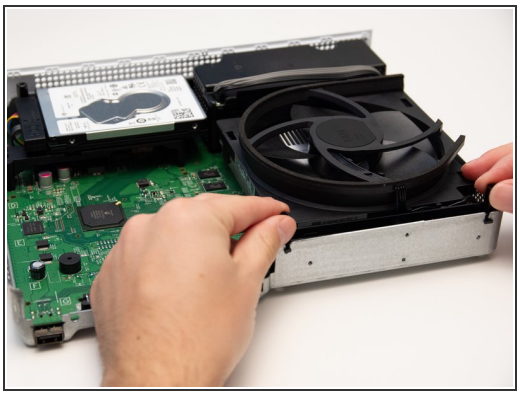
Step 11 — Bottom Metal Shield

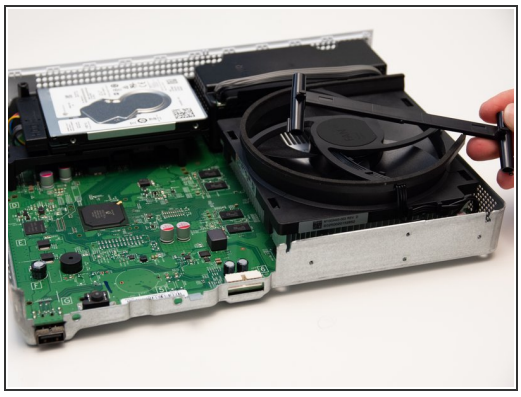


- Remove the eight 10mm screws from the bottom of the metal casing using the Torx T9 screwdriver.
- Remove the four 15mm screws from the bottom of the heatsink fastener using the Torx T8 screwdriver.

Step 12

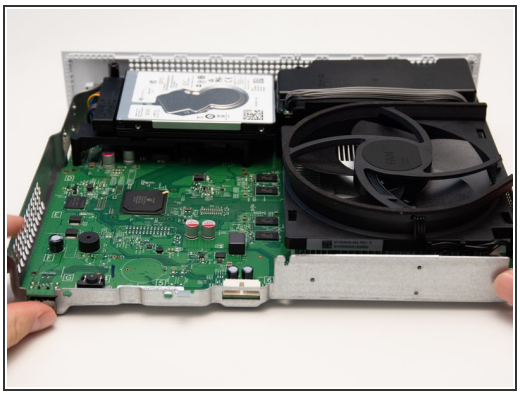


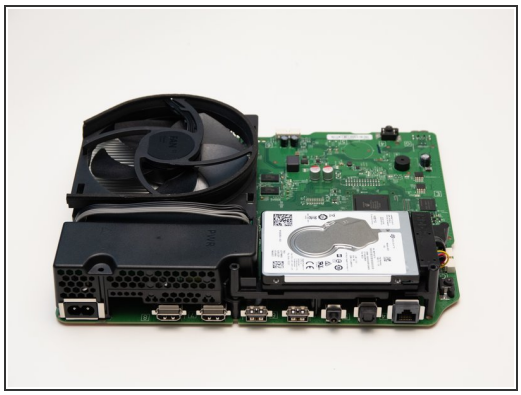




- Remove the two plastic pieces from the motherboard.

Step 13

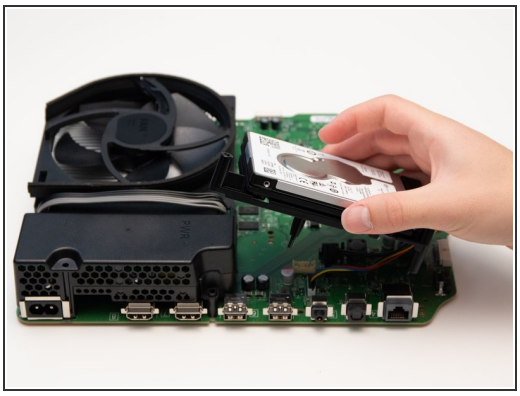
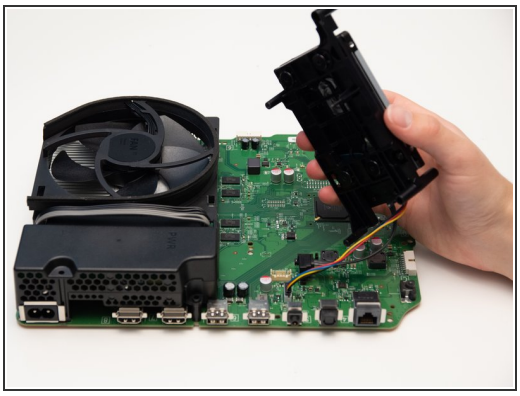
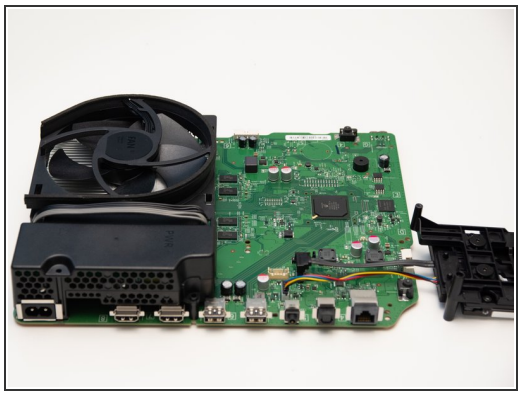




- Lift the motherboard up from the metal chassis.

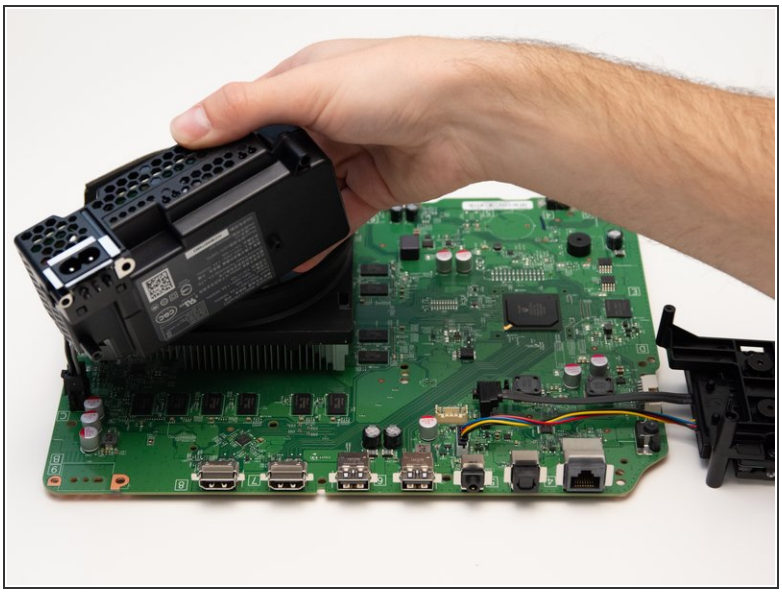
The motherboard should easily separate from the metal chassis.

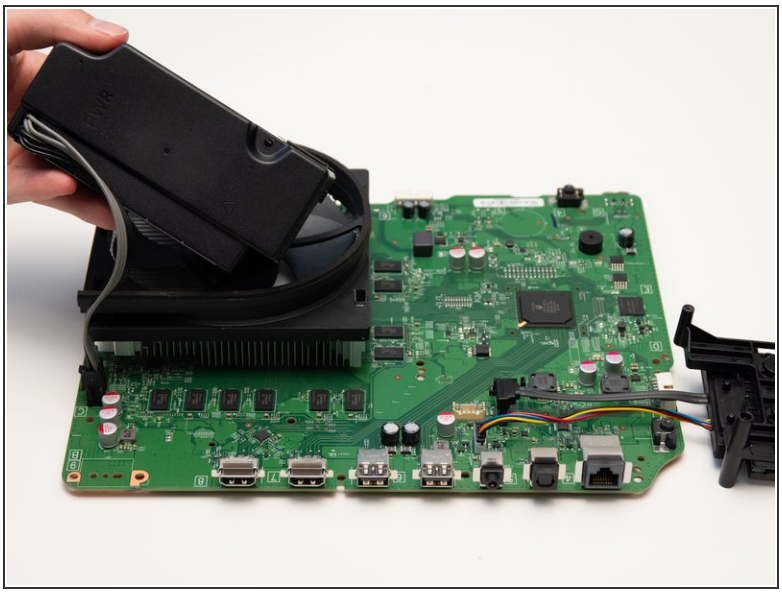
Step 14 — Power Supply

- Gently lift the hard drive to free up some space around the power supply.

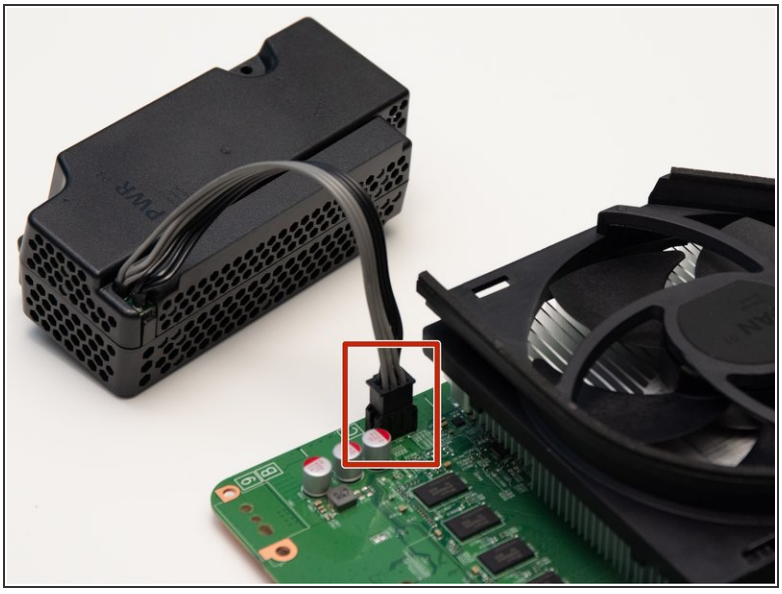
Step 15

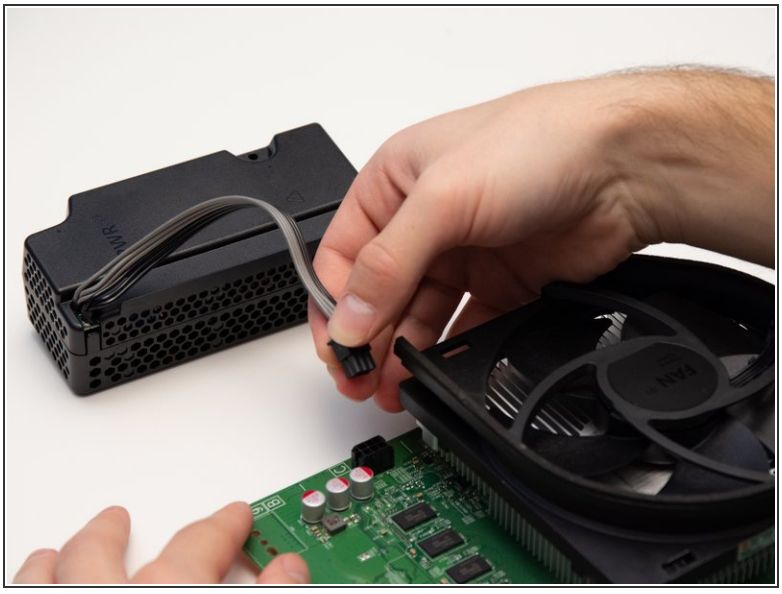




- Lift the power supply up and away from the motherboard.

Step 16





- Disconnect the six pin connector from the motherboard.

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

