



GD Midea FT30-3D Teardown

How to disassemble the fan

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 **TOOLS:**

- Phillips #1 Screwdriver (1)

Step 1 — Bottom Base



- Locate and remove the 14.5 mm Phillips #1 screw on the bottom of the fan base.

Step 2



- Locate the gray base support release tabs found on either side pictured in the first image.
- There are release tabs on each side of the base.*
- Press both release tabs in with the tip of your fingers and pull the gray base support until the tabs are cleared.

Step 3



- Continue removing the gray base support by pressing your thumb into the circular opening in the base and pulling with your fingers on the back side.
- **Notice** that on the internal front tip of the base there is a tab. Because of this tab the back end will pivot off at that point.

Step 4



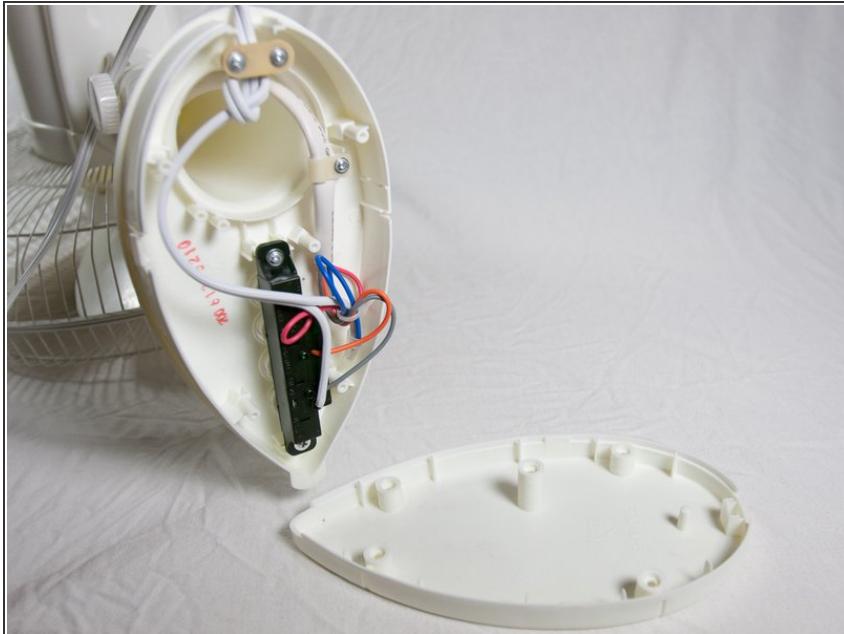
- After the base has separated more it will be easy to fully remove it. Continue pulling the back edge of the gray base support, rotating it around the front tab until it comes off completely.

Step 5



- Remove the following five 14.5 mm Phillips #1 screws found on the bottom.
(i) All of the screws are recessed by 17.5 mm, so ensure your screwdriver can reach that far.

Step 6



- Once all five screws have been removed the base cover should fall right off with out any effort.

⚠ When putting the base cover back on; be careful to make sure that none of the wires are pinched.

Step 7 — GD Midea FT30-3D Teardown



- Free the power switch from the base housing. Remove 2 screws.

Step 8



- Release the power cord by removing part #20 by removing 2 screws.

Step 9



- Remove the wire fastener(#6) by removing screw #5 to free the main wire bundle from the fan base housing.

Step 10



- Remove the switch. To pull the wires out of the switch gently push a screwdriver into the same hole the wire enters and the wire should slide out.

Step 11



- Remove the bolt that holds the fan's upper assembly from the fan body.

Step 12



- Remove oscillation pin by removing the screw that connects to the oscillator.

Step 13



- Remove front fan guard by locating and releasing 3 clips that hold it to the rear fan guard.

Step 14



- Remove fan blades by removing part #12. When reassembling make sure the notches in the fan blade's center line up with the perpendicular protrusions on the metal shaft.

Step 15



- Remove rear fan guard by removing part #13; it comes off like a screw.

Step 16



- Remove front fan motor housing by removing 4 screws.

Step 17



- Remove main fan motor housing by removing a single screw in the back.

Step 18



- Remove the capacitor by removing the screw that holds it to the fan.

Step 19



- Remove oscillation mechanism by removing the screw that connects it to the rocker arm. Push the rocker arm down and pull the oscillator off.

Step 20



- Remove the plug and the screw that lies beneath it.

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