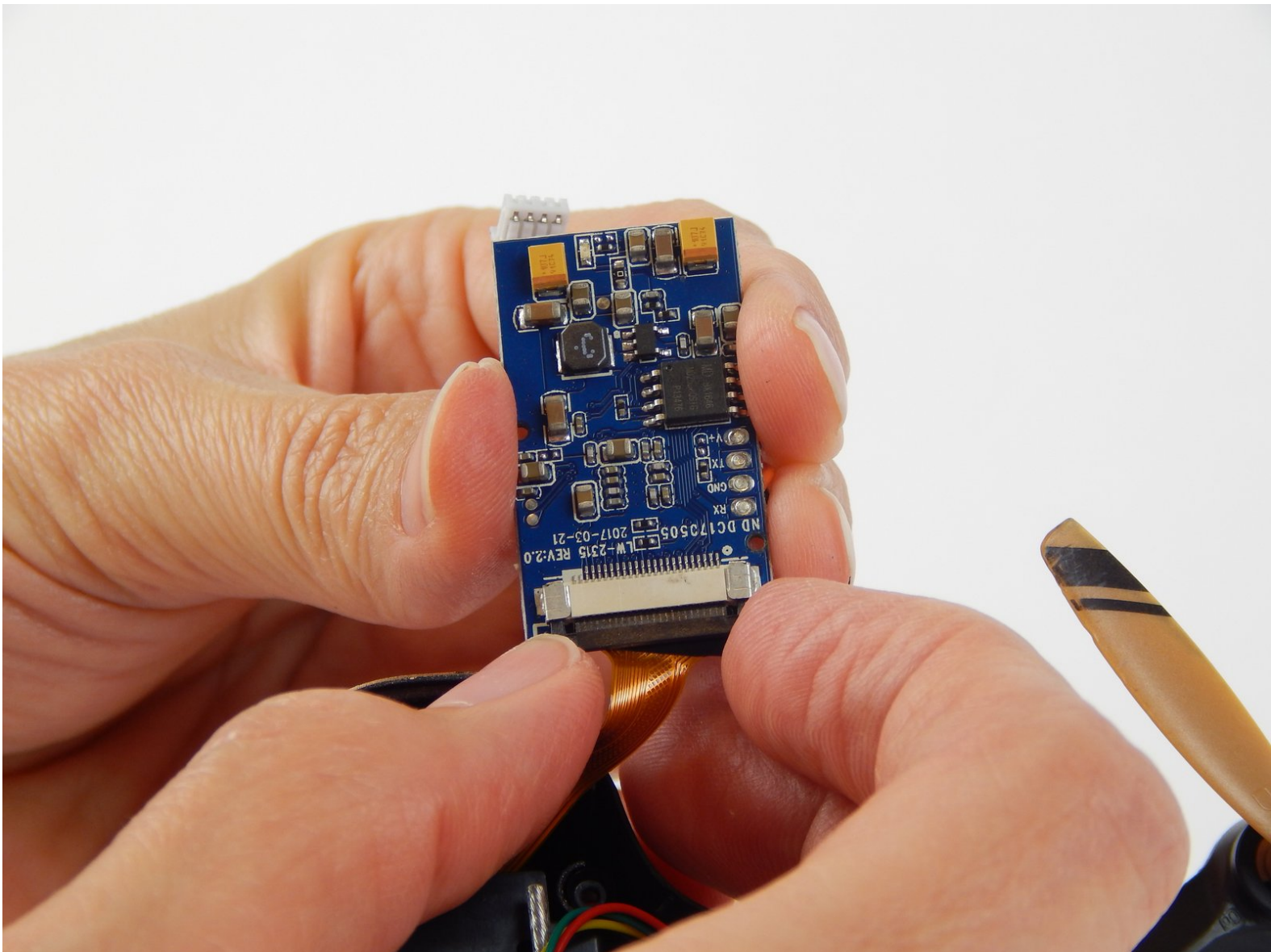




# Protocol Vento Transmitter Board Replacement

This guide will demonstrate how to remove and replace the transmitter board on the Protocol Vento drone.

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## INTRODUCTION

This guide will demonstrate how to remove and replace the transmitter board on the Protocol Vento drone.



### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
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## Step 1 — Battery



- Grasp the tail end of the drone where the lip of the battery protrudes.

## Step 2



- Pull away from the drone to remove the battery.
- ✪ Do not attempt any repairs or replacements before removing the battery from the drone.

## Step 3 — Transmitter Board



- To get into the drone, twelve total screws need to be removed:
  - Ten 5.7mm Phillips #000 screws from the bottom of the drone body.
  - Two 4.5mm Phillips #000 screws at the front of the drone.

*ⓘ It is not necessary to remove the four screws on the arms of the drone.*

## Step 4



- Flip the drone over and lift off the top plastic shell of the drone.

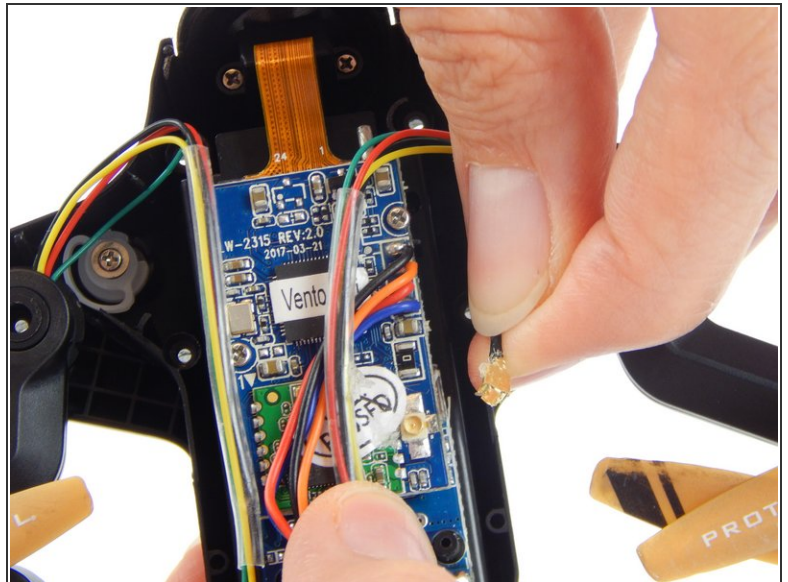
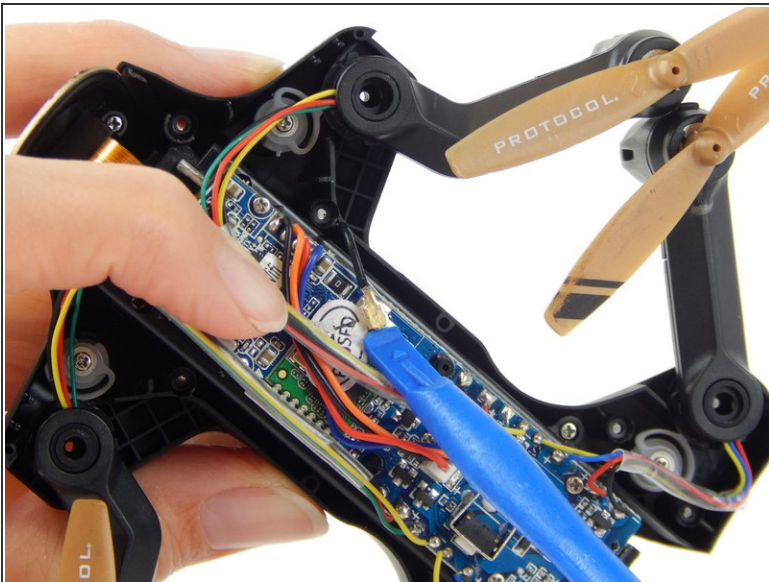


## Step 5




- Remove the foam adhesive pad located on the Wi-Fi transmitter board.

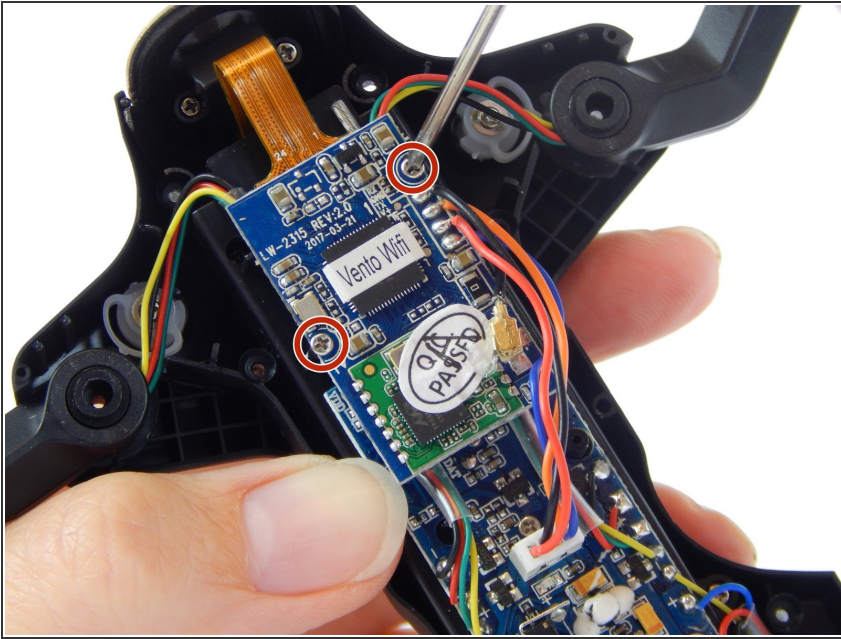
## Step 6



- Pry the gold Wi-Fi antenna connector, located under the previously removed foam pad, away from the Wi-Fi transmitter board to disconnect it.

 *Be sure to only apply force to the gold connector and not the black wire attached to it, as the connection between the two is very fragile.*

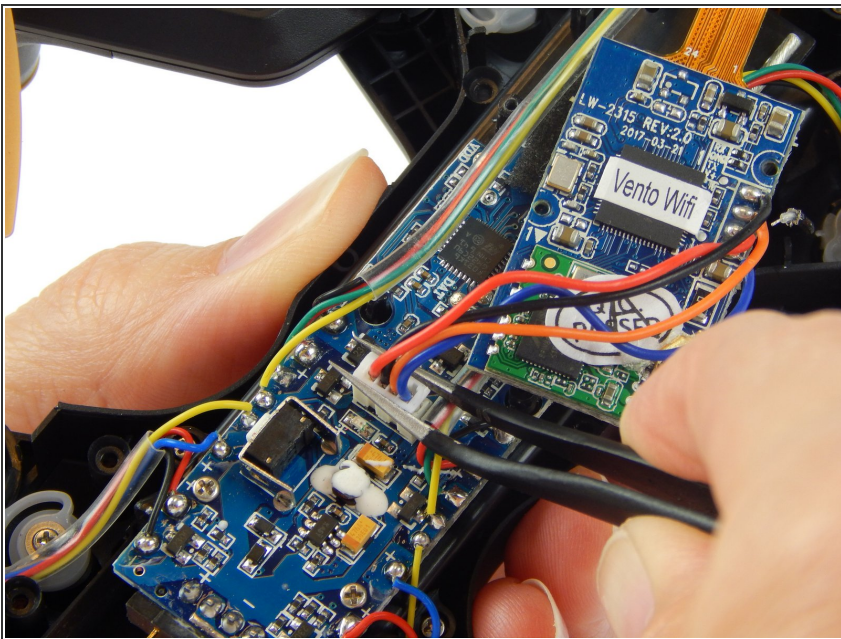
## Step 7



- Remove the two 3.8mm Phillips #000 screws from the Wi-Fi transmitter board.

⚠ *Be careful with the delicate ribbon cable attached to the camera.*

## Step 8

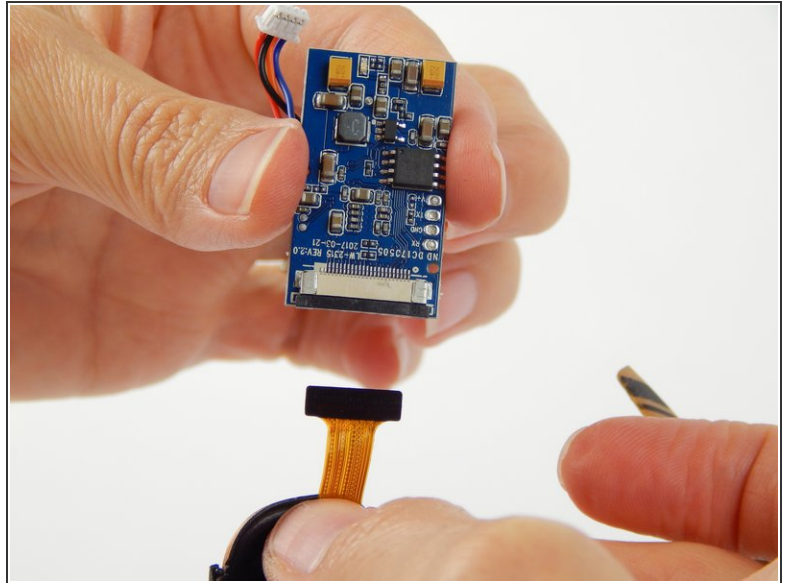
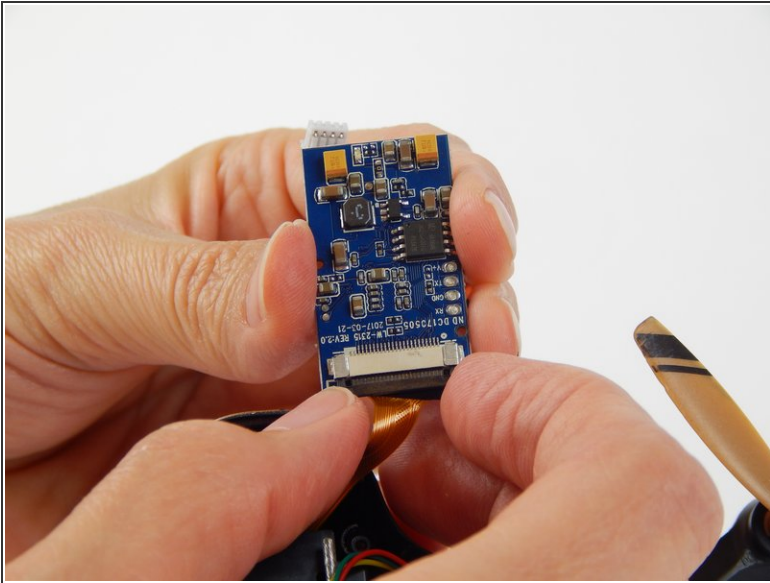


- Disconnect the white clip that connects the four colored wires (black, orange, red, blue) to the motherboard.

⚠ *Be sure to pull only on the white clip, as to avoid damaging the wires.*



## Step 9



- Gently pull the black wedge away from the main board until it shifts to a stop. You will feel it slide out, then stop.
- ⓘ *The black insert acts as a wedge to keep the ribbon cable attached to the board. The wedge needs to be jostled loose before the cable can be removed.*
- Lightly pull the ribbon cable away from the connector.

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