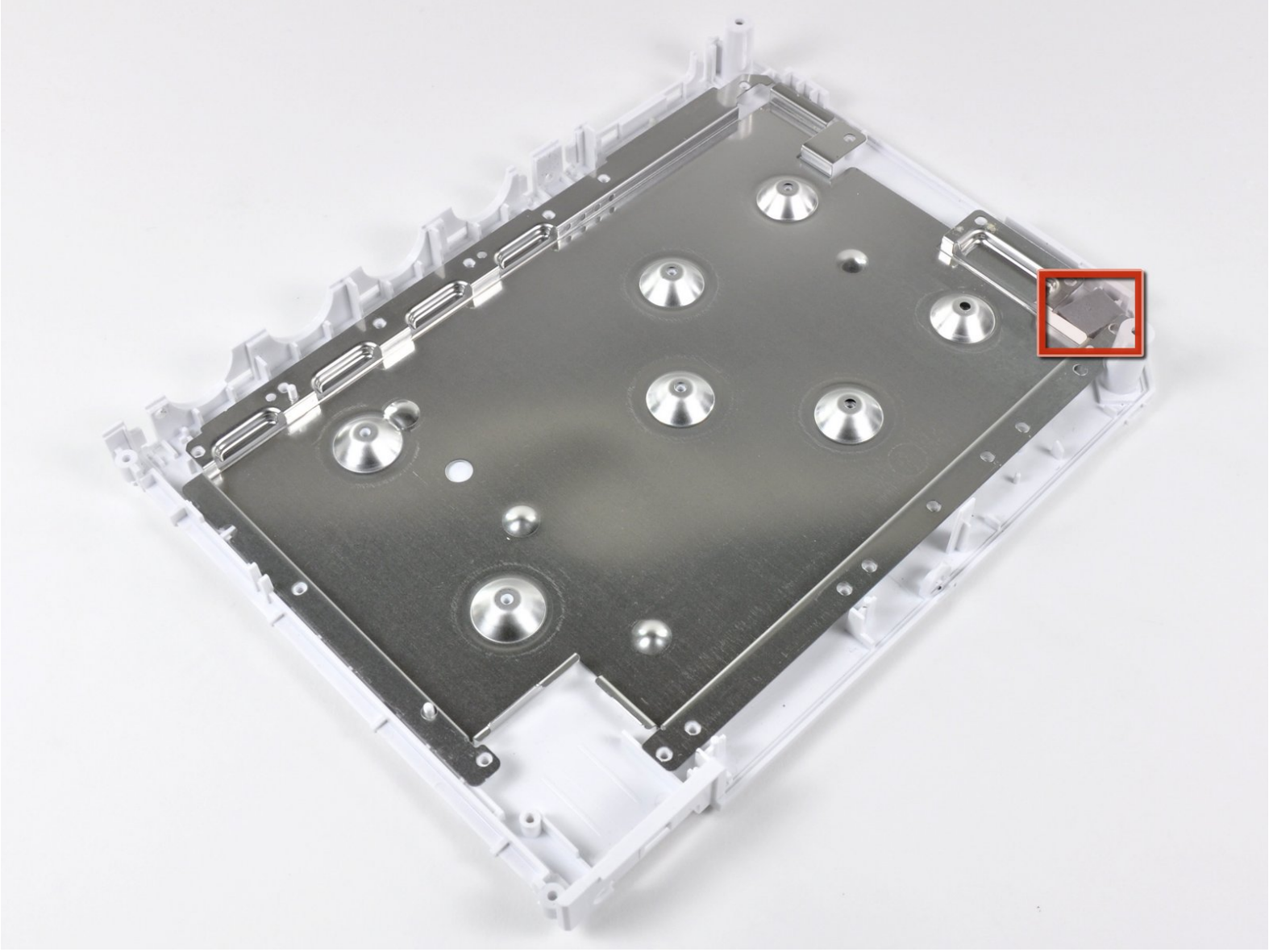
Nintendo Wii Bottom Panel Replacement

Written By: Dozuki System



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INTRODUCTION

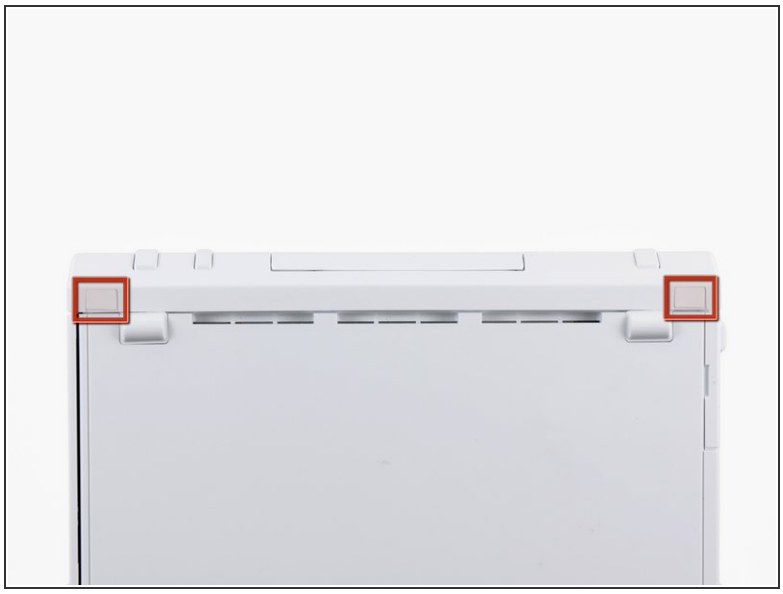
Replacing the bottom panel requires removal of every component inside the Wii.

TOOLS:

- Metal Spudger (1)
- Phillips #00 Screwdriver (1)
- Spudger (1)
- Tri-wing Screwdriver (1)
- Tweezers (1)

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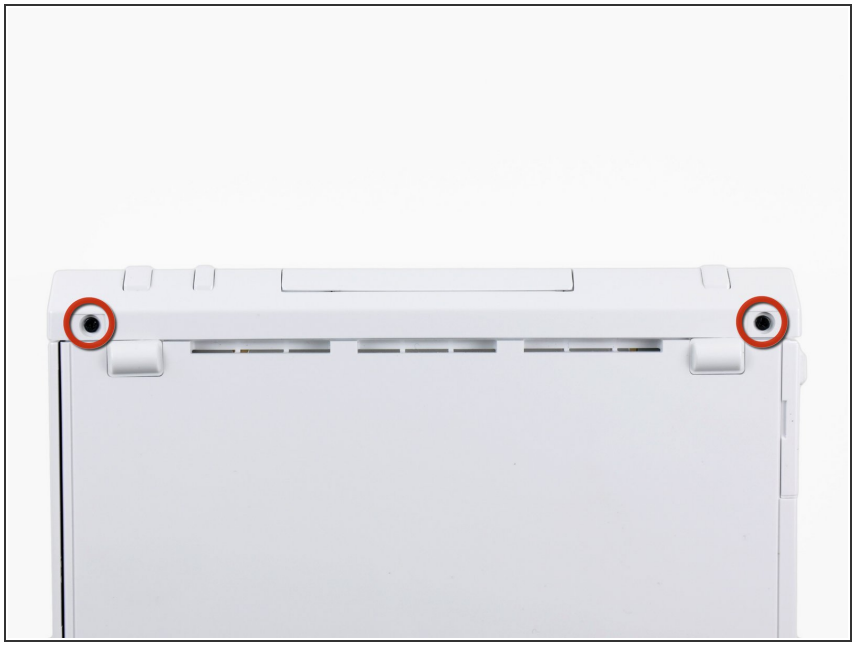
Step 1 — Nintendo Wii Bottom Panel Replacement





- Use a metal spudger to remove the white plastic screw covers stuck to the lower case near the front of the Wii.

Step 2



- Remove the two 8.3 mm Tri-Wing screws hidden under the covers you just removed.

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Step 3



- Remove the single 5.9 mm Phillips screw under the controller port door nearest the faceplate.

Step 4



- Use a metal spudger to remove the rubber foot stuck to the side of the Wii near the DVD drive opening.

Step 5



- Remove the single 5.9 mm Phillips screw hidden under the foot you just removed.

Step 6





- Carefully pull the faceplate away from the front of the Wii.
- Use a pair of tweezers to disconnect the LED cable's plastic connector from the motherboard.
- Remove the faceplate.

Step 7





- Open the controller port cover until it is perpendicular to the black controller port bezel.
- Pull the controller port cover straight up to release it from the outer case.

Repeat this procedure for the memory card port cover.

Step 8



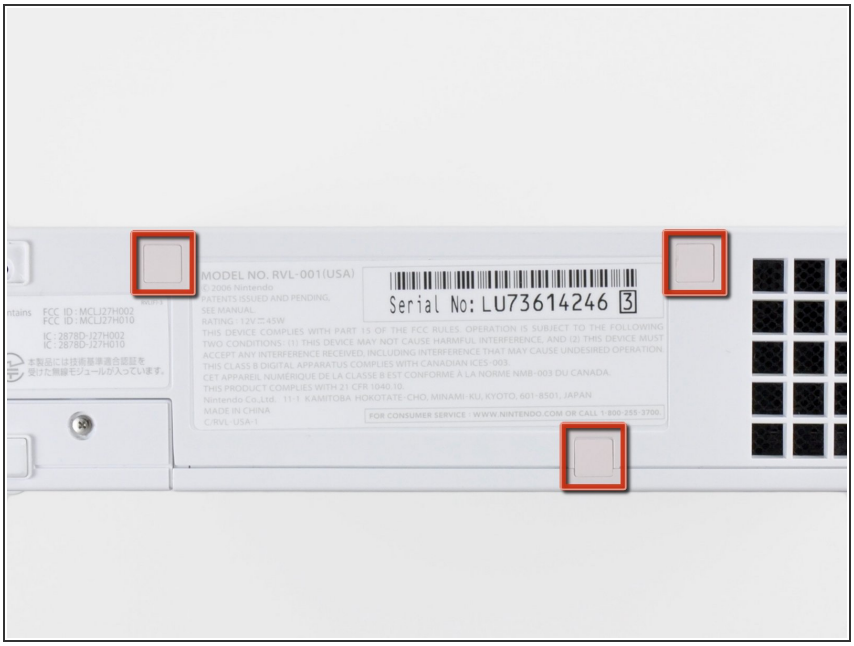

- Remove the two remaining 4.1 mm Phillips screws along the top edge of the black plastic controller port bezel.
- Lift the bezel from the long edge furthest away from the controller ports and remove it from the Wii.

Step 9



- Remove the two 5 mm Phillips screws above the controller ports.

Step 10



- Use a metal spudger to remove the three highlighted screw covers stuck to the side of the Wii.

Step 11



- Remove the following screws:
  - Two 5 mm Phillips screws
  - One 8.2 mm Tri-Wing screw

Step 12



- Use a metal spudger to remove the two rubber feet stuck to the bottom face of the Wii near the rear ports.

Step 13



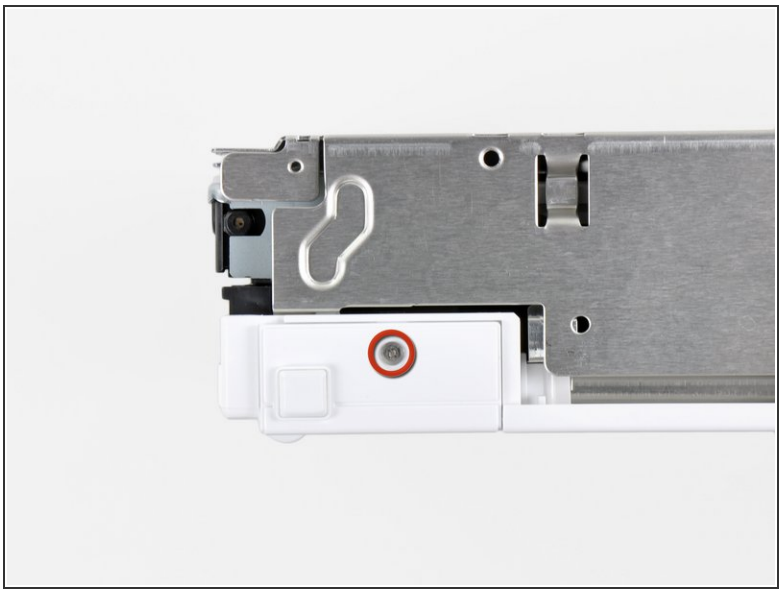
- Remove the two 8.2 mm Tri-Wing screws hidden under the feet you just removed.

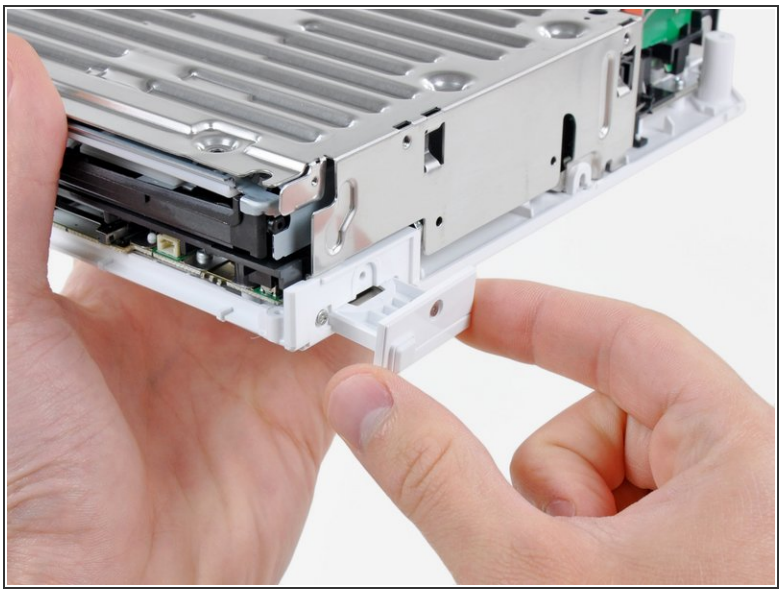
Step 14



- Lift the outer case straight up off the body of the Wii.

Step 15





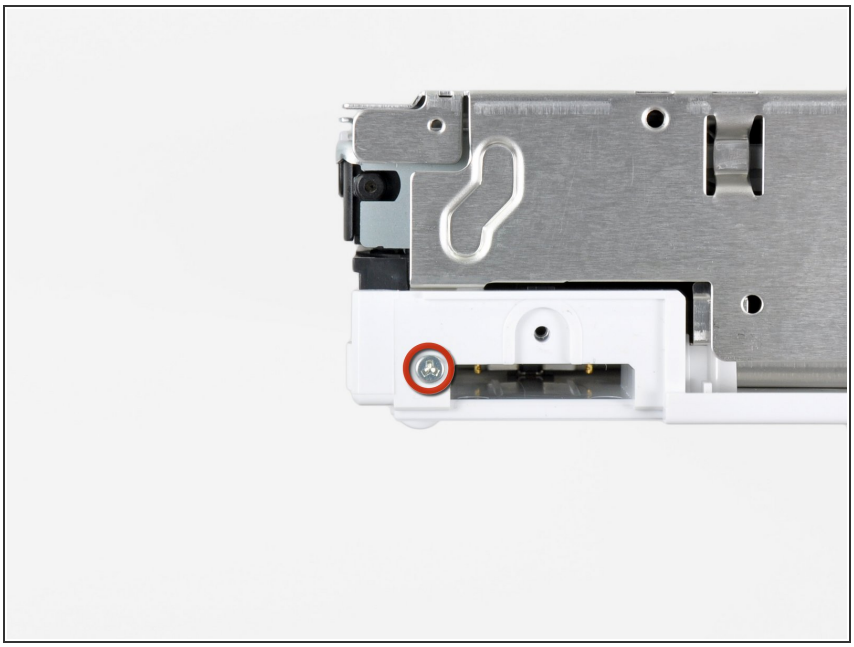
- Remove the small Phillips screw securing the battery door to the bottom panel.

This screw is captive to the battery door.

- Pull the battery door out of the Wii.

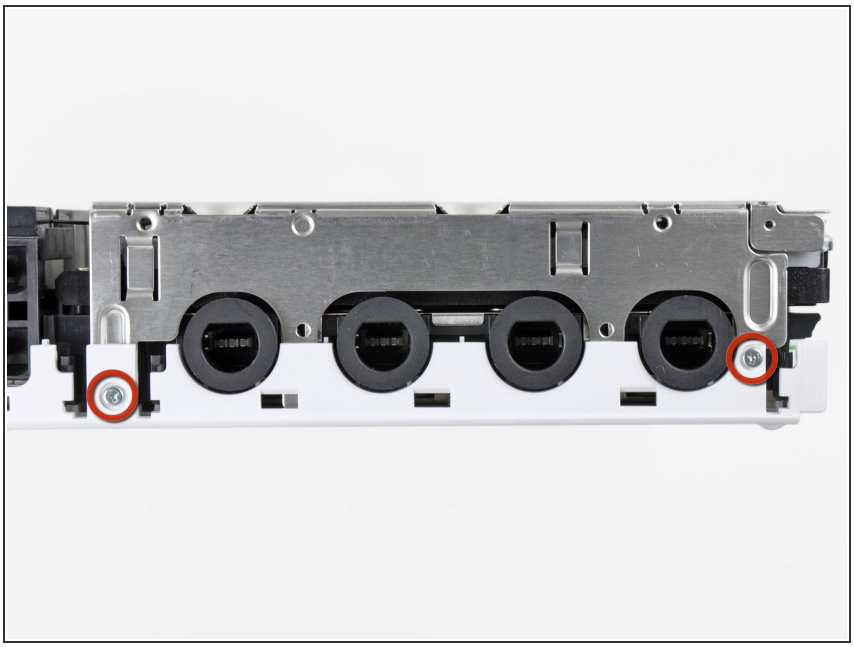
This is a good time to change the CR2032 battery if it hasn't been changed recently.

Step 16



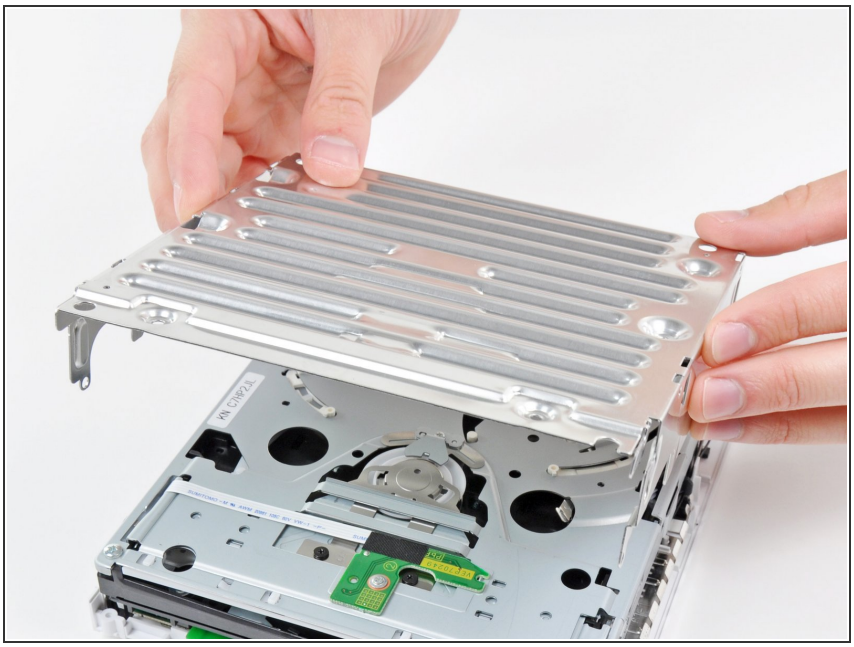
- Remove the 8.2 mm Tri-Wing screw that was hidden beneath the battery door.

Step 17



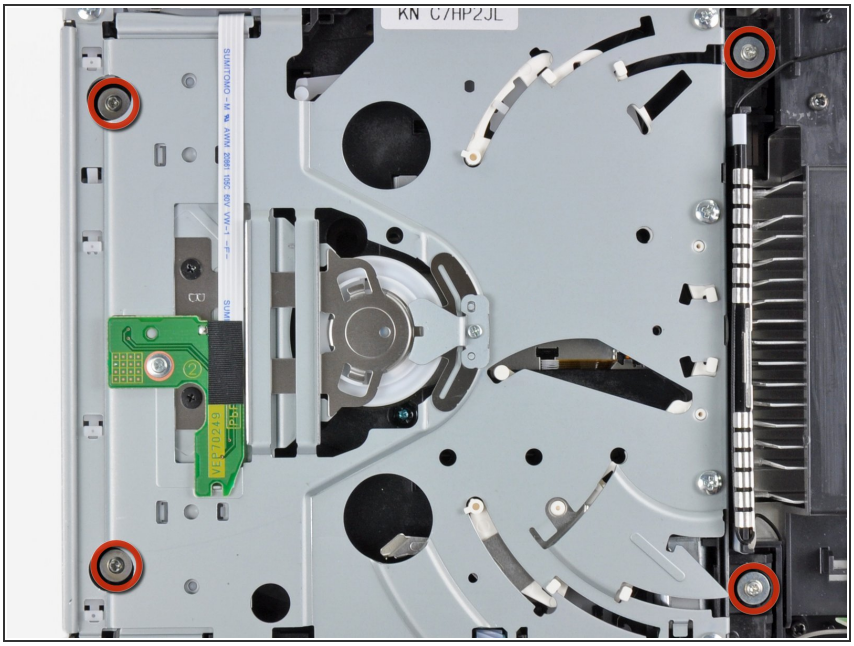
- Remove the two 8.2 mm Tri-Wing screws securing the DVD drive shield near the controller ports.

Step 18



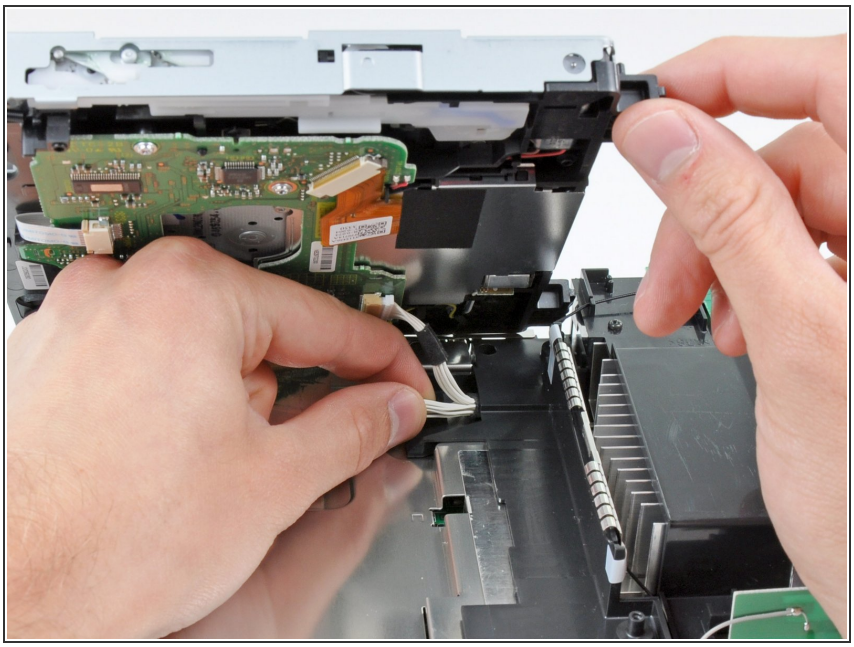
- Lift the DVD drive shield upward and remove it from the Wii.

Step 19



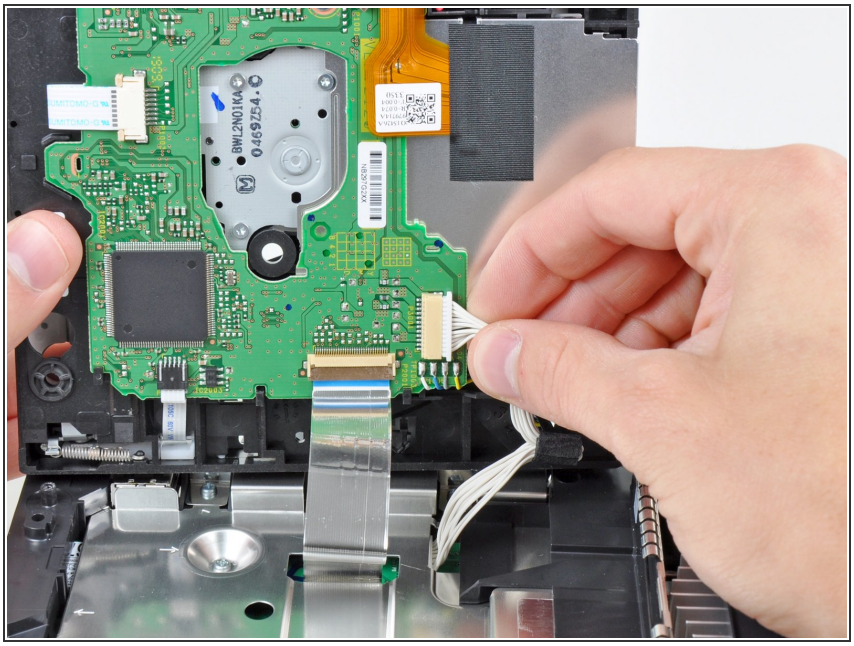
- Remove the four 9 mm Phillips screws securing the DVD drive to the bottom panel.

Step 20



- Lift the side of the DVD drive opposite the controller ports enough to access the cables on its bottom face.
- Carefully pull the DVD drive power cable out from under the plastic shroud near the heat sink.

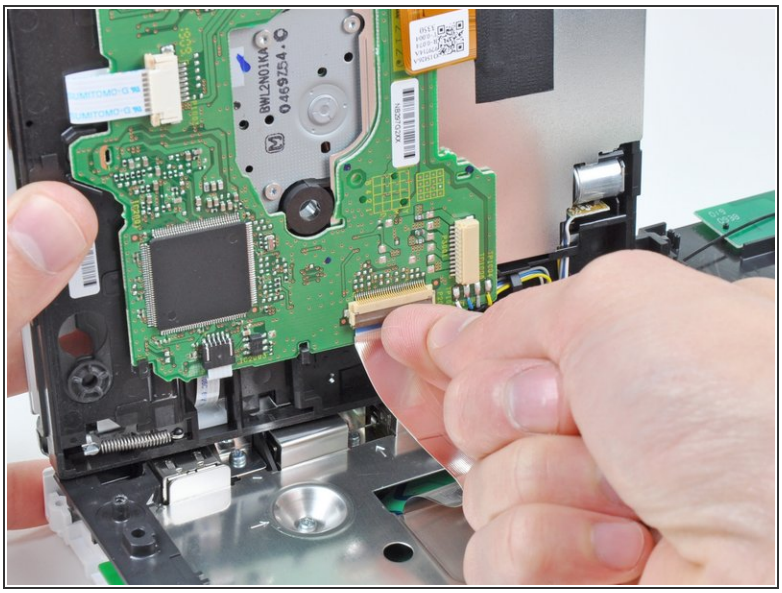
Step 21

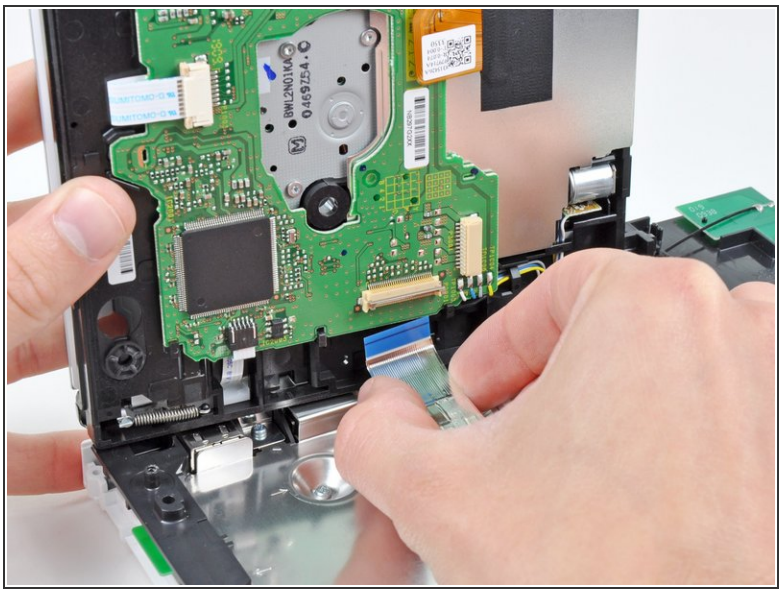


- Pull the DVD drive power cable away from its socket on the DVD drive.

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Step 22





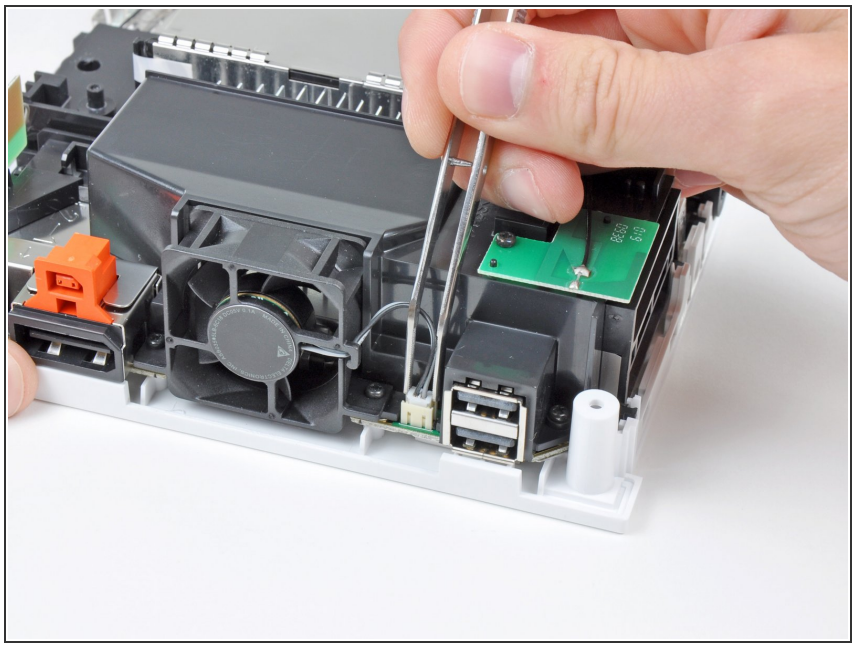
- Use your fingernail to flip up the retaining flap on the DVD drive ribbon cable socket.

⚠ Be sure you are prying up on the retaining flap, **not** the socket itself.

- Pull the DVD drive ribbon cable out of its socket.
- Remove the DVD drive from the Wii.

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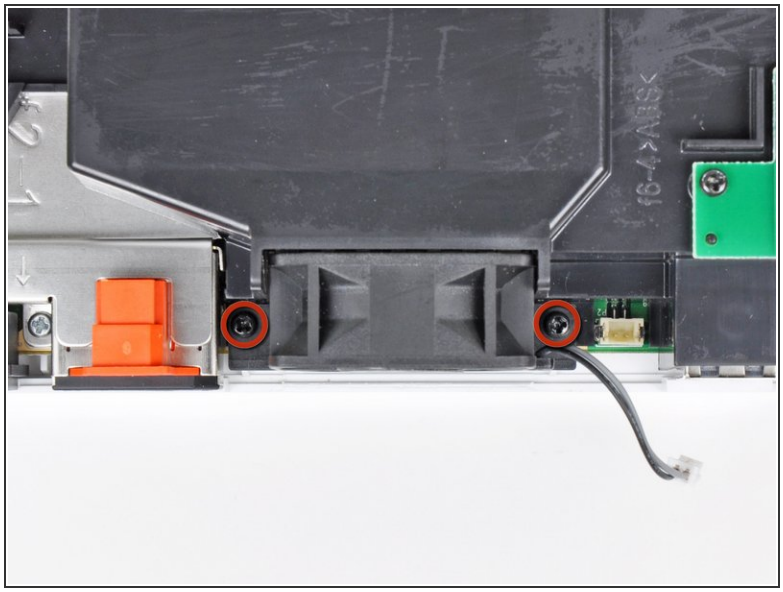
Step 23

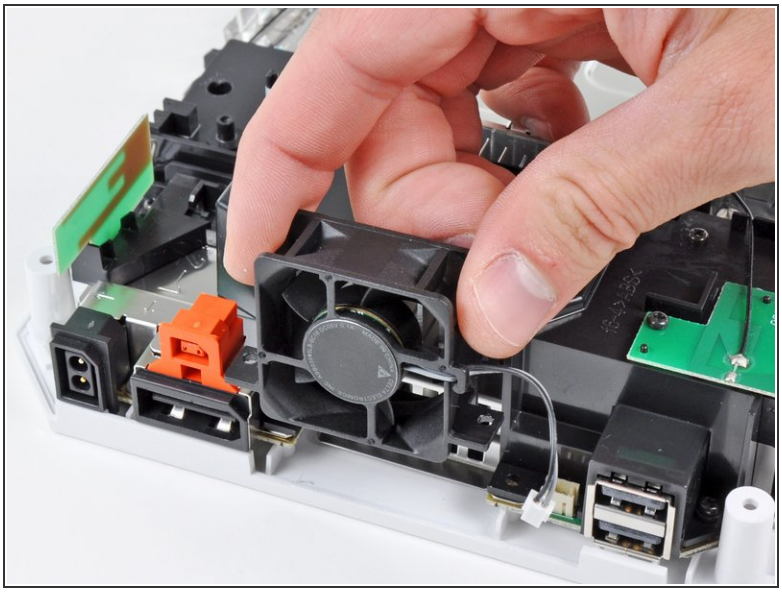


- Use a pair of tweezers to lift the fan connector up and out of its socket on the logic board.

⚠ Be sure your tweezers are clamped down on the fan connector, **not** the socket on the motherboard.

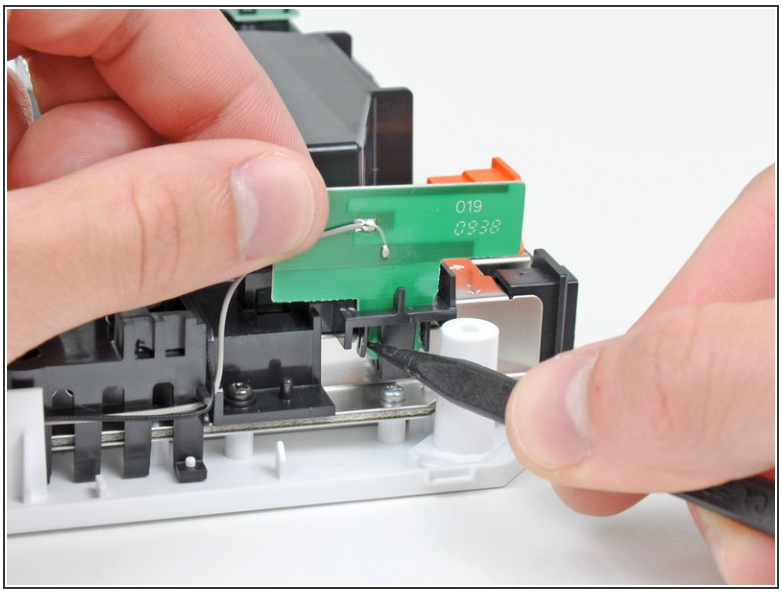
Step 24

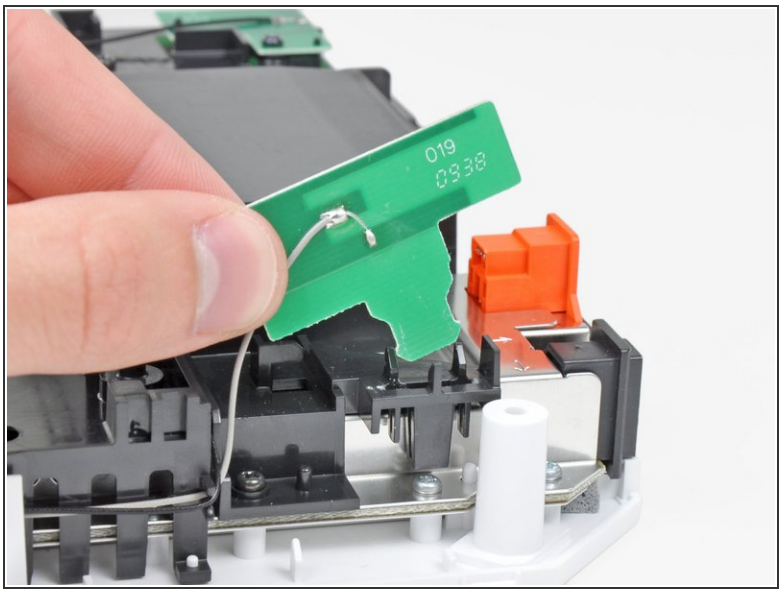




- Remove the two 10 mm Phillips screws securing the fan to the fan shroud.
- Remove the fan from the Wii.

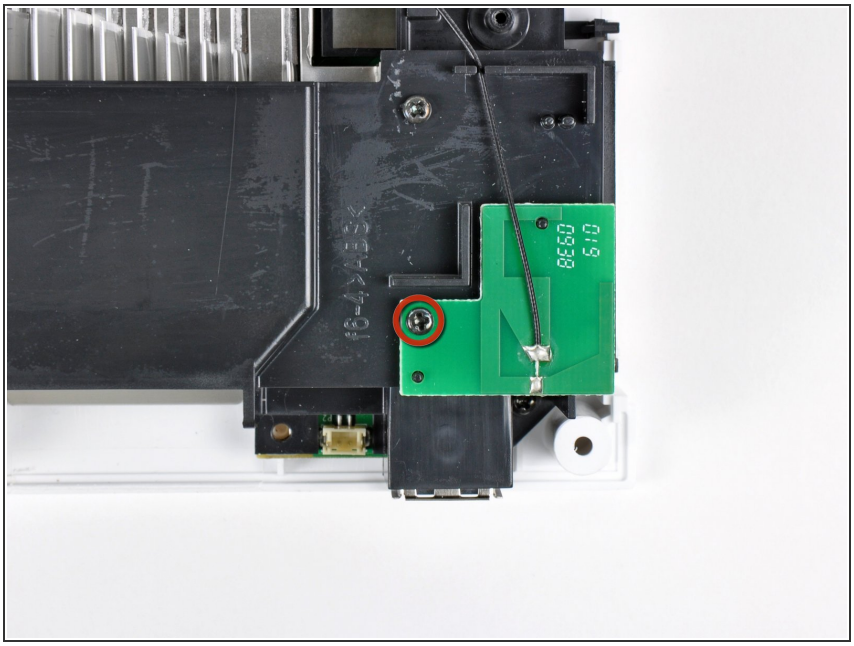
Step 25





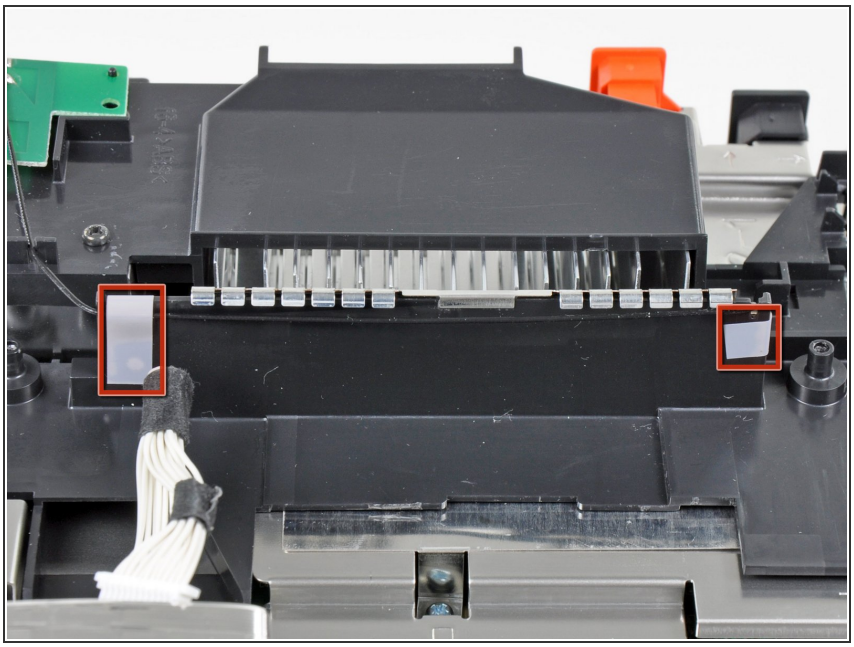
- Use the tip of a spudger or another fine-pointed tool to carefully pry one of the black plastic retaining fingers attached to the fan shroud away from the Wi-Fi antenna board.
- Lift the Wi-Fi antenna out of the fan shroud.

Step 26



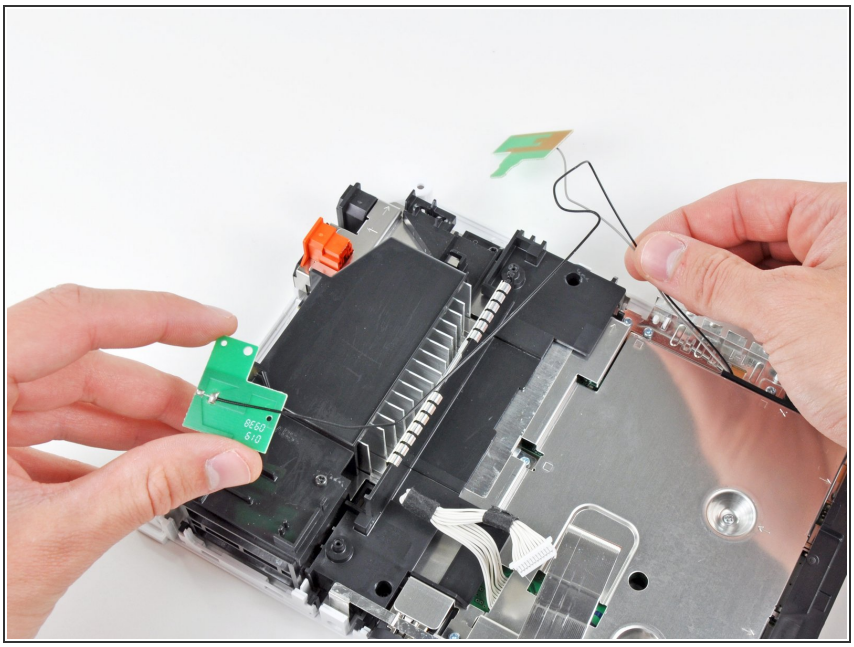
- Remove the single 10 mm Phillips screw securing the second Wi-Fi antenna to the top of the fan shroud.

Step 27



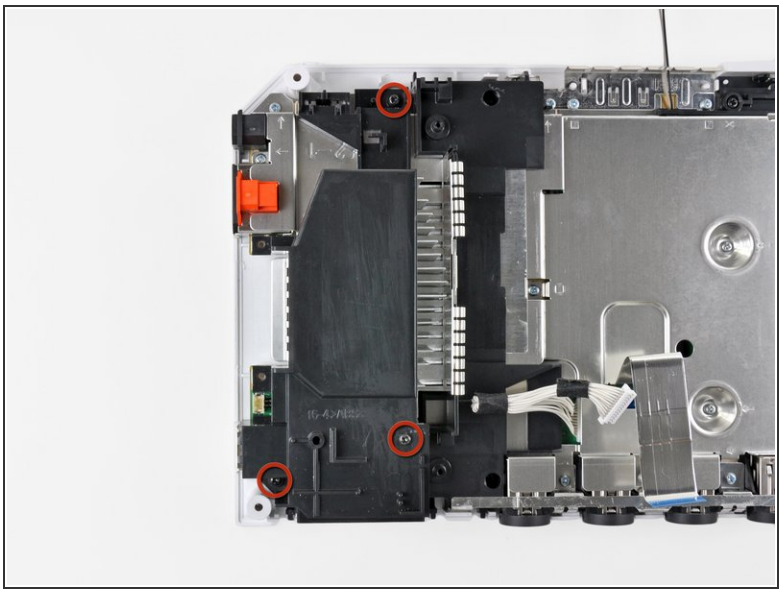
- Remove the two pieces of tape securing the second Wi-Fi antenna cable to the plastic bracket near the heat sink.

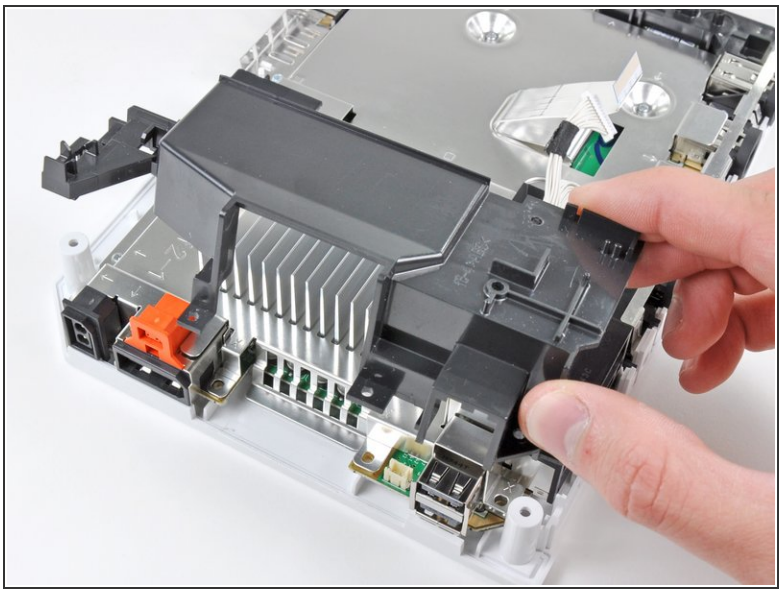
Step 28



- Carefully de-route both antennas from the frame of the Wii and lay them aside.

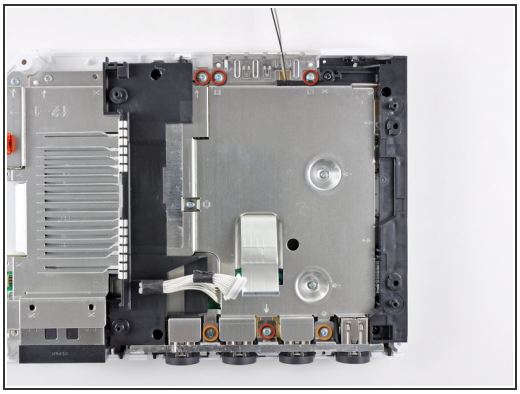
Step 29

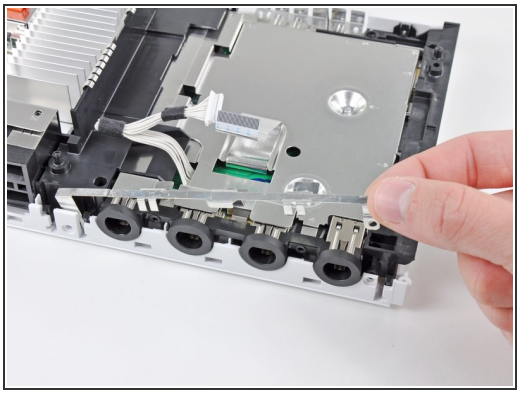




- Remove the three 10 mm Phillips screws securing the fan shroud to the Wii.
- Lift the fan shroud off the heat sink and remove it from the Wii.

Step 30



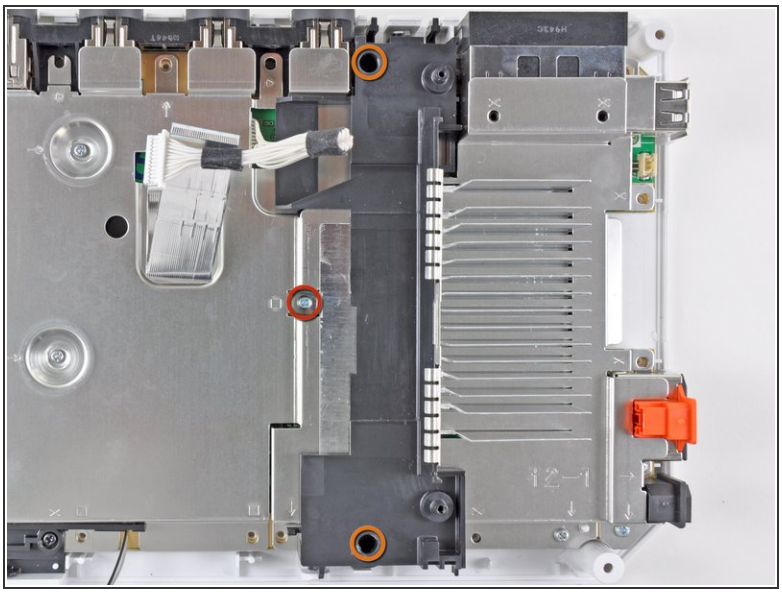


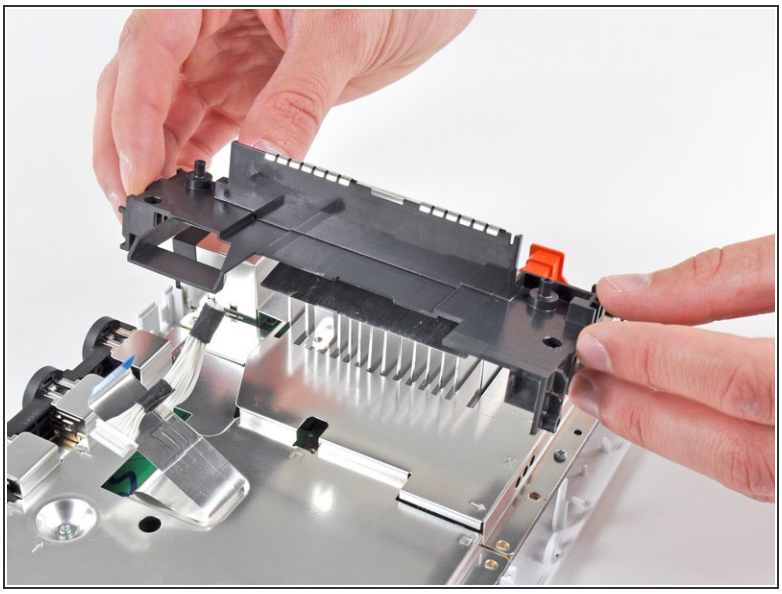


- Remove the following six screws securing the EMI fingers to the bottom panel:
  - Four 7 mm Phillips screws
  - Two 11.3 mm Phillips screws
- Remove both sets of EMI fingers from the Wii.

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Step 31

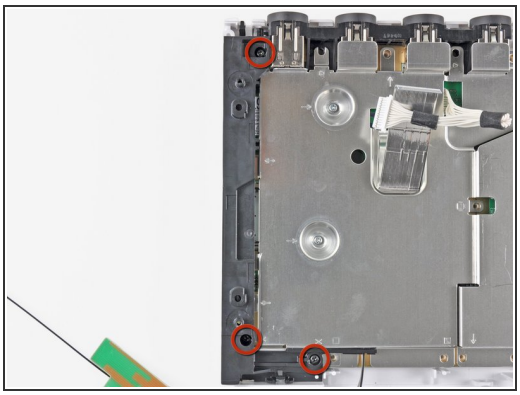
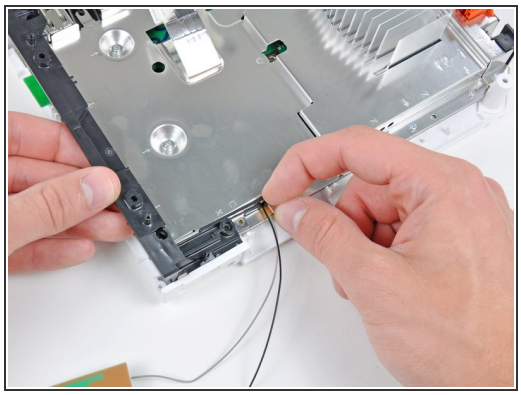
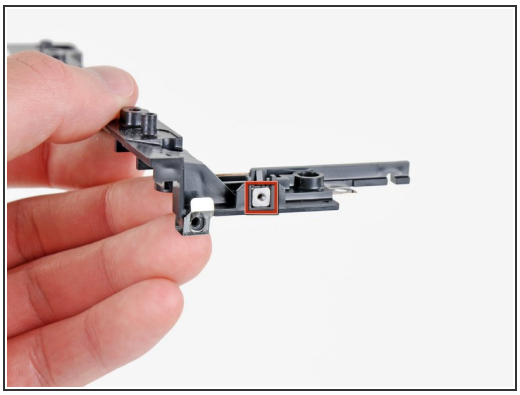




- Remove the following three screws:
  - One 7 mm Phillips screw
  - Two 10 mm Phillips screws
- Lift the bracket out of the Wii.

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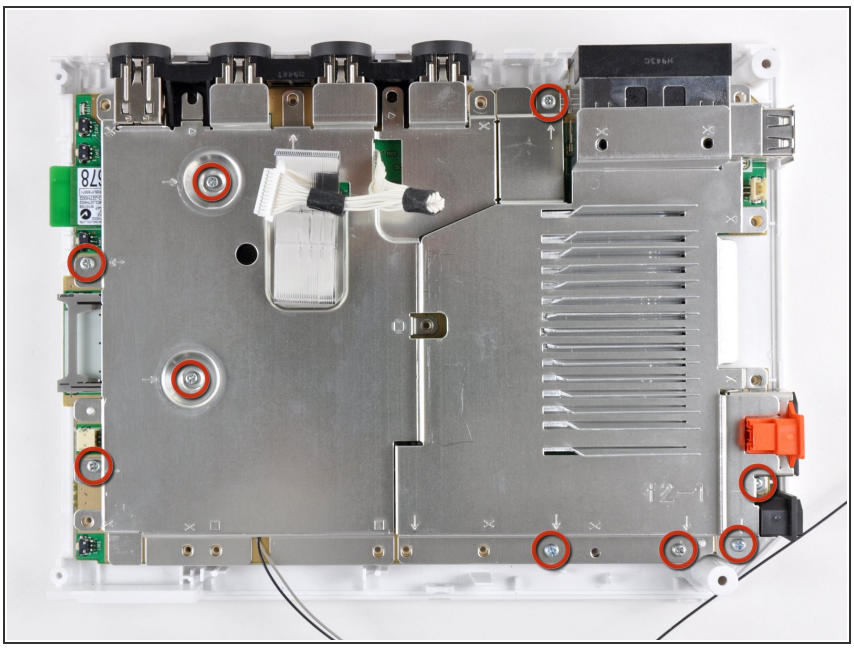
Step 32

- Remove the three 10 mm Phillips screws securing the black bracket to the bottom panel near the front of the Wii.
- Slightly lift the bracket and use your other hand to pull the retaining clip away from where the Wi-Fi antennas enter the motherboard sheild.
- Remove the bracket from the Wii.

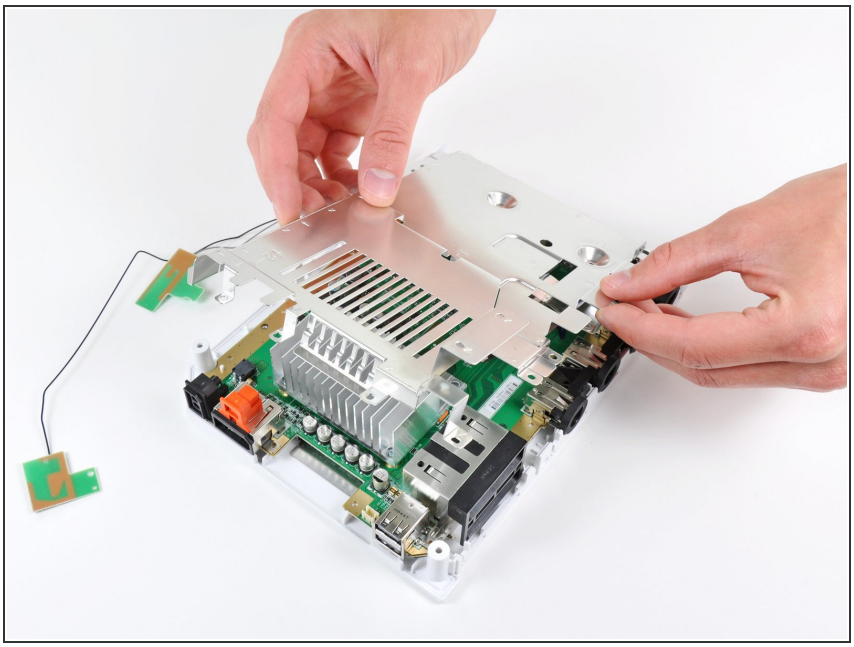
Be sure not to lose the small square nut loosely held by the black plastic bracket.

Step 33



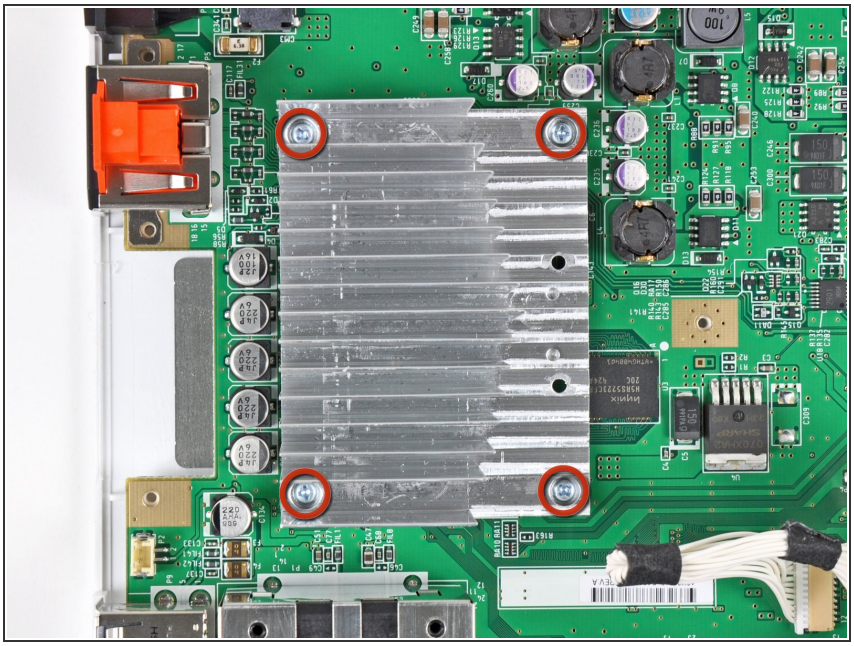
- Remove the nine remaining 7 mm Phillips screws securing the motherboard cover to the bottom panel.

Step 34



- Carefully lift the motherboard cover off the motherboard, minding any cables that may get caught.

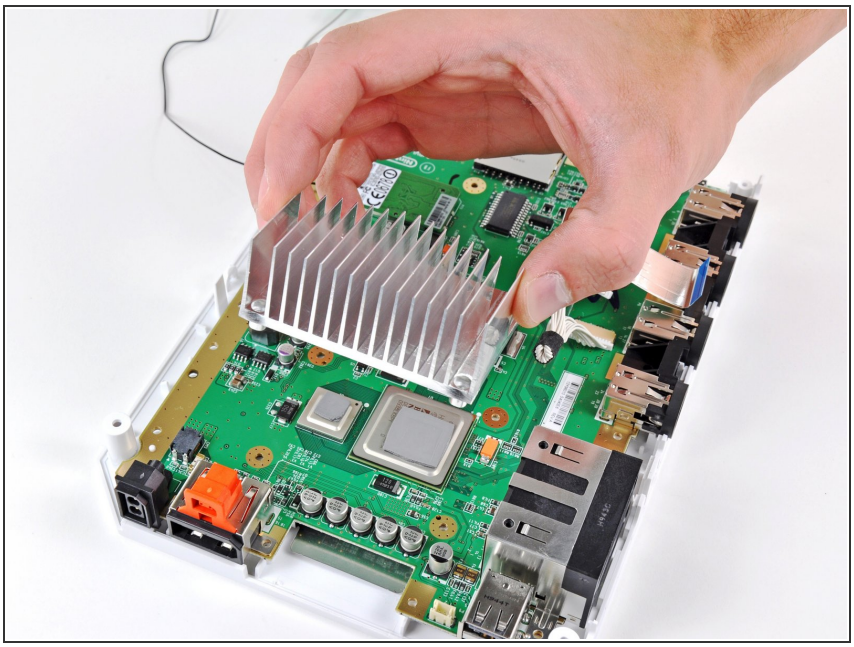
Step 35



- Remove the four 11.3 mm Phillips screws securing the heat sink to the bottom panel.

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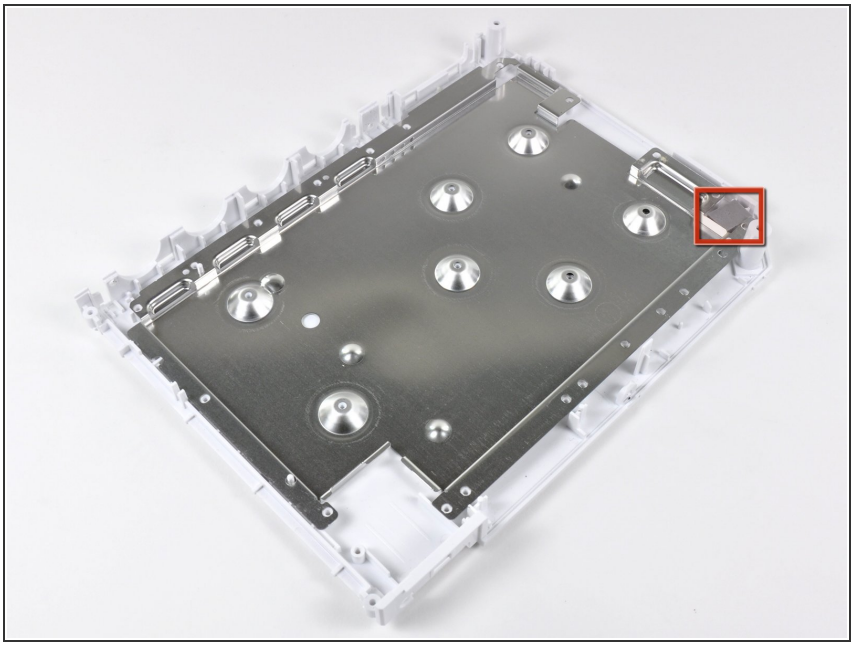
Step 36



- Lift the heat sink off the motherboard.

⚠ When working near the exposed processors, be sure not to disturb the thermal pads as the thermal paste may leak out.

Step 37



- Lift the motherboard assembly off the bottom panel, minding any cables that may get caught.
- Bottom panel remains.

ⓘ Be sure to keep track of the small piece of foam highlighted in red.

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

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