![iFixit logo](x iFIXIT)

iMac Intel 20" EMC 2133 and 2210 IR Board Replacement

Written By: Walter Galan

This document was generated on 2019-10-20 02:31:44 AM (MST).
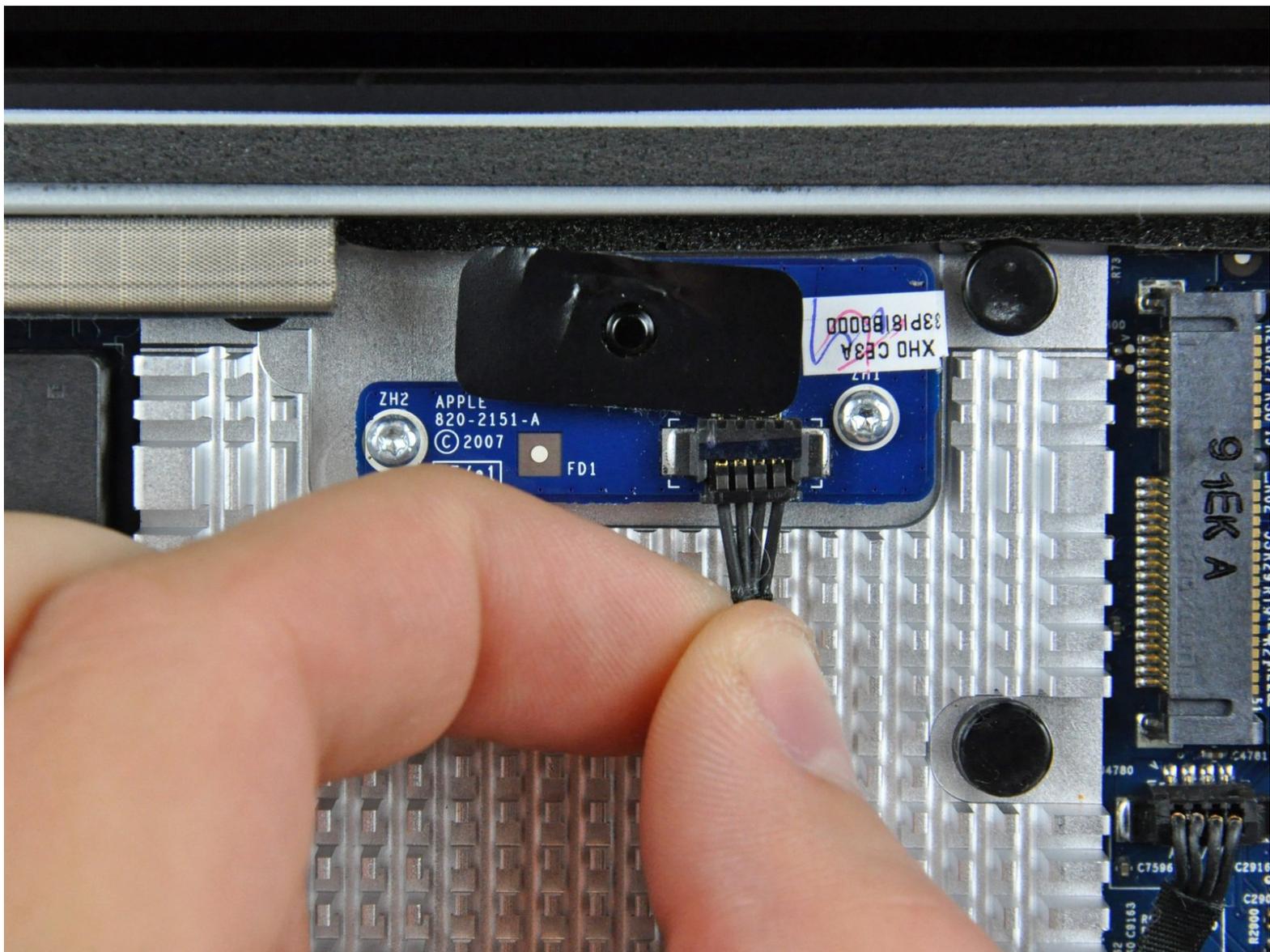
INTRODUCTION

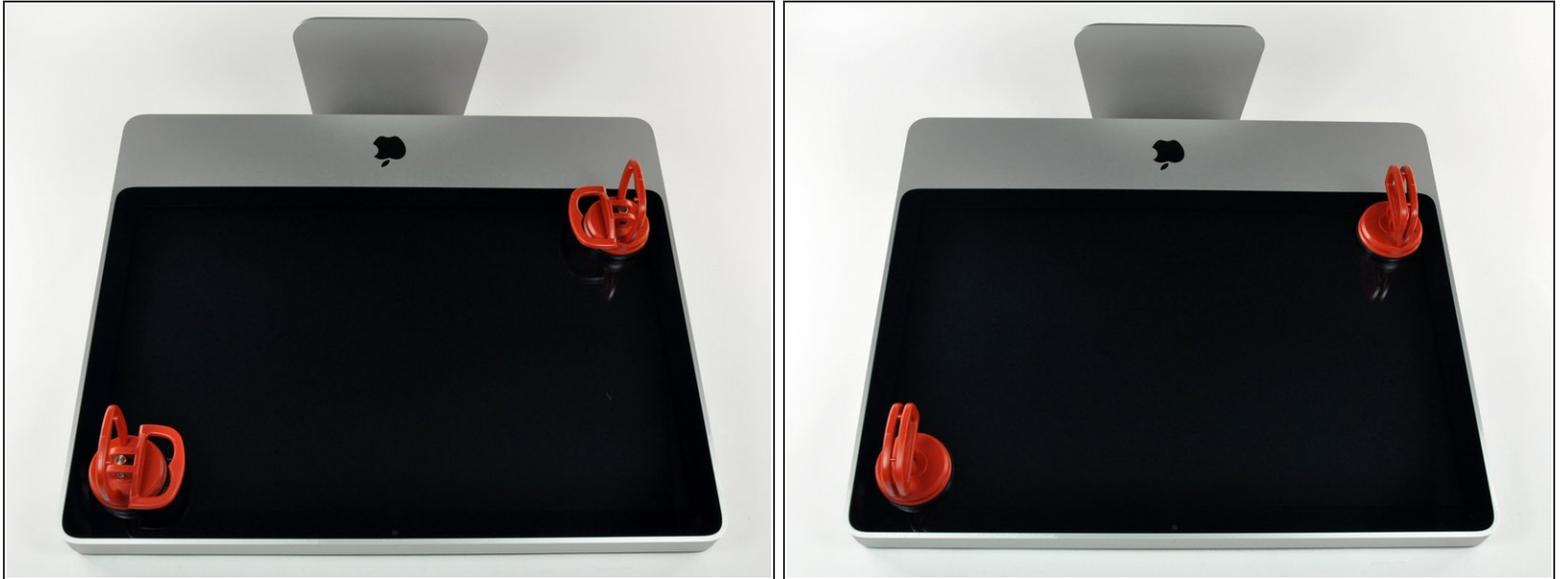Restore the functionality of your apple remote by replacing your broken IR board.

🔧 TOOLS:

- Heavy-Duty Suction Cups (Pair) (1)
- Phillips #1 Screwdriver (1)
- Spudger (1)
- T6 Torx Screwdriver (1)
- T8 Torx Screwdriver (1)

This document was generated on 2019-10-20 02:31:44 AM (MST).

www.iFixit.com

Step 1 — Access Door

- Loosen the single Phillips screw in the center of the access door.

- (i) This screw is captive in the access door.

- Remove the access door from your iMac.

This document was generated on 2019-10-20 02:31:44 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 3 of 9

Step 2 — Glass Panel

ⓘ The glass panel is fixed onto the front bezel with fourteen magnets around its perimeter.

● Stick two suction cups to opposing corners of the glass panel.

ⓘ To attach the [suction cups](#) we sell, first position the suction cup with the movable handle parallel to the face of the glass panel. While lightly holding the suction cup against the glass, raise the movable handle until it is parallel with the other handle.

ⓘ If your suction cups refuse to stick, try cleaning both the glass panel and the suction cup with a mild solvent such as Windex.

This document was generated on 2019-10-20 02:31:44 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 4 of 9

Step 3

- Gently pull the glass panel straight up off the iMac.

- ⚠ The glass panel has several positioning pins around its perimeter. To avoid shearing these pins off the glass panel, be sure to only pull straight up during removal.

- 📌 Be meticulous about cleaning the LCD and the inside face of the glass panel before reinstallation, as any fingerprints or dust trapped inside will be annoyingly visible when the display is on. Placing the glass flat, inside face down, on a fresh aluminum-foil surface is a good way to keep it clean.

Step 4 — Front Bezel

- Remove the following 12 screws securing the front bezel to the rear case:

  - Eight 13 mm T8 Torx.

  - Four 25 mm T8 Torx.

This document was generated on 2019-10-20 02:31:44 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 5 of 9

Step 5

- Place your hands at the top corners of the bezel (to the side) and lift the bezel 2-3cm from the body by working from the top. After this you can also disengage the bottom of the bezel (the memory modules will prevent the bottom of the bezel to detach first). When reassembling, start with the bottom of the bezel.

⚠ The top of the bezel hosts a microphone attached to the logic board. Gently lift the bezel to not damage the microphone wiring or connector by accidentally pulling the cable.

ⓘ At this point, you can either detach the microphone cable and remove the bezel, or keep the microphone cable attached and rest the bezel on your work surface or the chassis of the Mac.

- **To fully detach the bezel**: disconnect the microphone cable connector, removing tape as necessary.

- **To keep it attached**, leave the microphone cable attached to the logic board, and place the bezel 'above' the chassis, with the microphone cable forming a hinge.

⚠ If you keep the microphone attached to the chassis, make sure you don't accidentally damage the microphone or logic board by bumping into the loose bezel.

Step 6

📌 When reassembling the bezel:

- be sure to tuck the microphone cable and connector into the void next to the camera board.

- Gently guide the microphone connector and cables through the ±1in long slot at the right of the iSight camera. Once the bezel is properly assembled, gently push the microphone connector and cable into the bezel through that slot.

Step 7 — IR Board
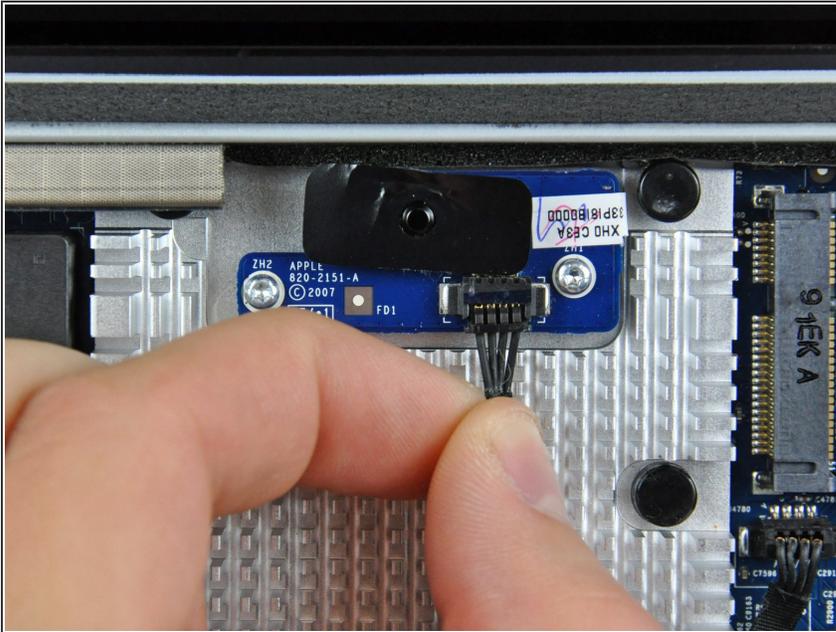
- Disconnect the IR sensor cable from the IR board by pulling its connector toward the bottom edge of your iMac.

Step 8
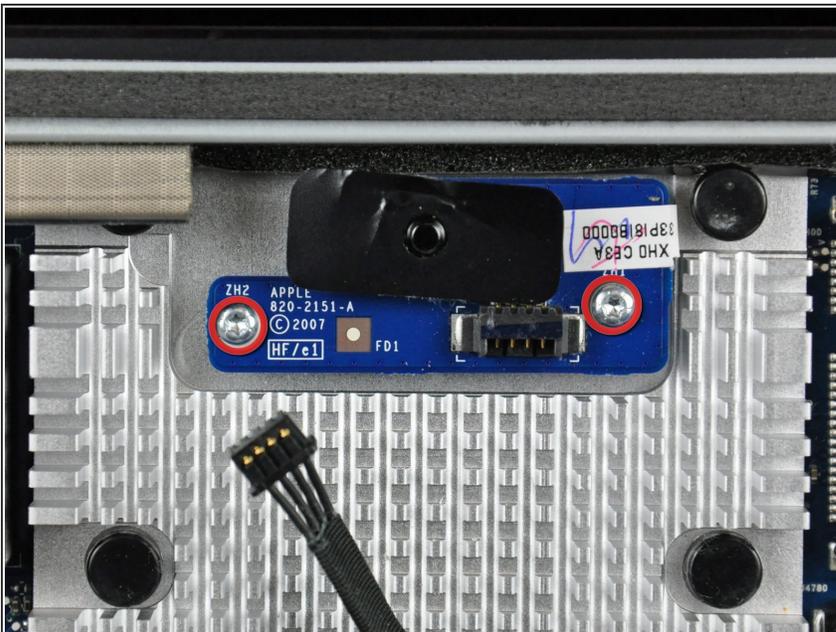
- Remove the two 5.4 mm T6 Torx screws securing the IR board to the logic board.

⚠️ The IR board is now completely free from the logic board and may fall.

This document was generated on 2019-10-20 02:31:44 AM (MST).

Step 9

- Lift the IR board out of your iMac.

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

www.iFixit.com