



Asus VivoBook Q200E-BSI3T08 Motherboard Replacement

This guide will show you how to remove and replace the motherboard if you are experiencing performance issues.

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INTRODUCTION

This guide will show you how to remove and replace the motherboard if you are experiencing performance issues.

TOOLS:

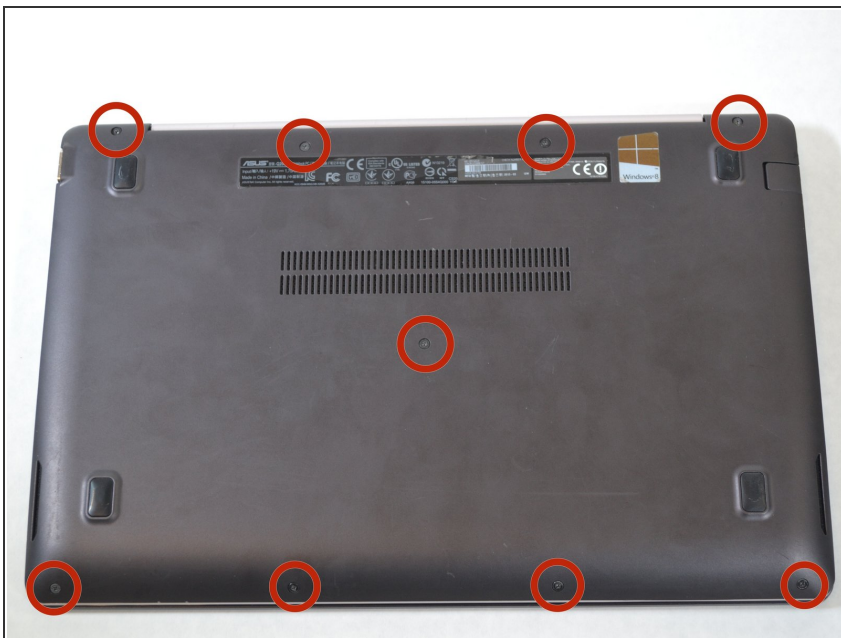
- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
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Step 1 — Back Panel



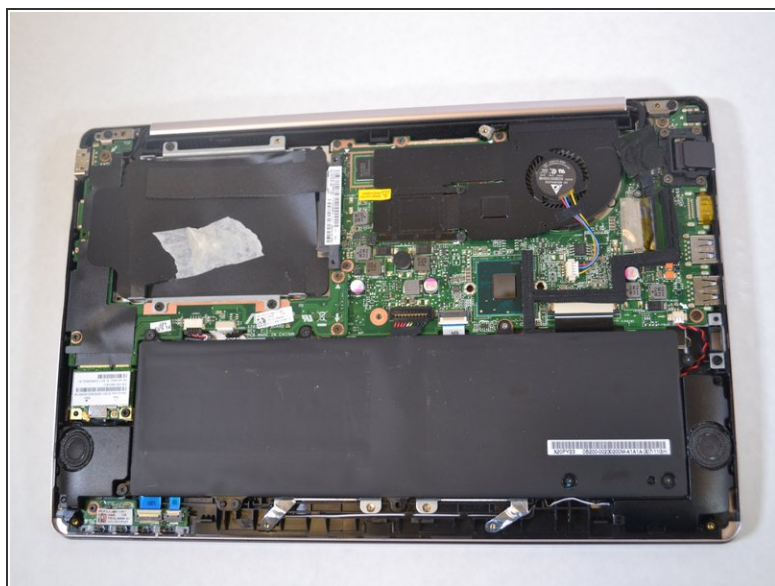
- Turn off the computer and unplug the charge cable.
- ⚠ If the computer is on or plugged in, it could cause electric shock.
- Turn the computer upside down.

Step 2



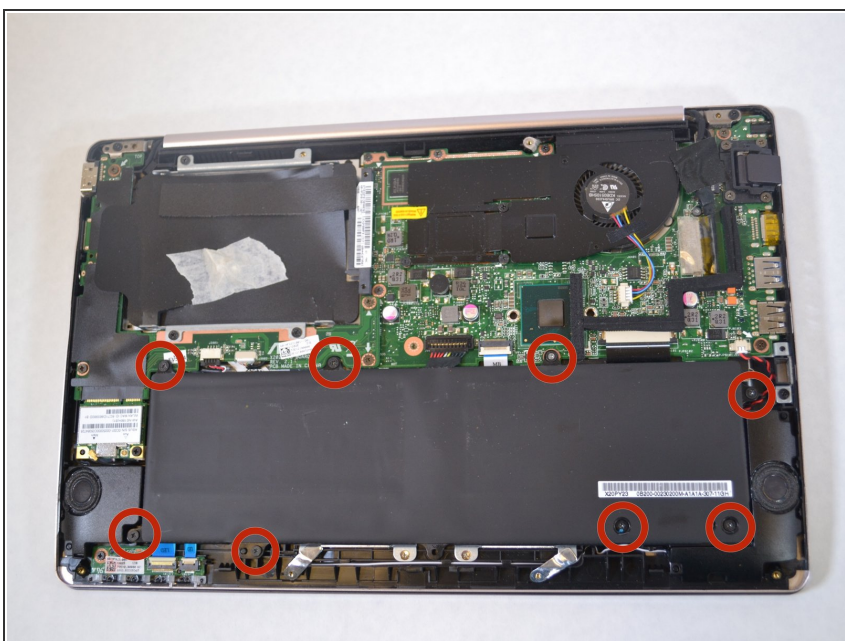
- Remove the nine Philips #00 screws holding the back panel in place (four 5.6mm, four 7.7mm, and one 9.2mm).

Step 3



- Use a plastic opening tool to gently remove the back panel.

Step 4 — Battery



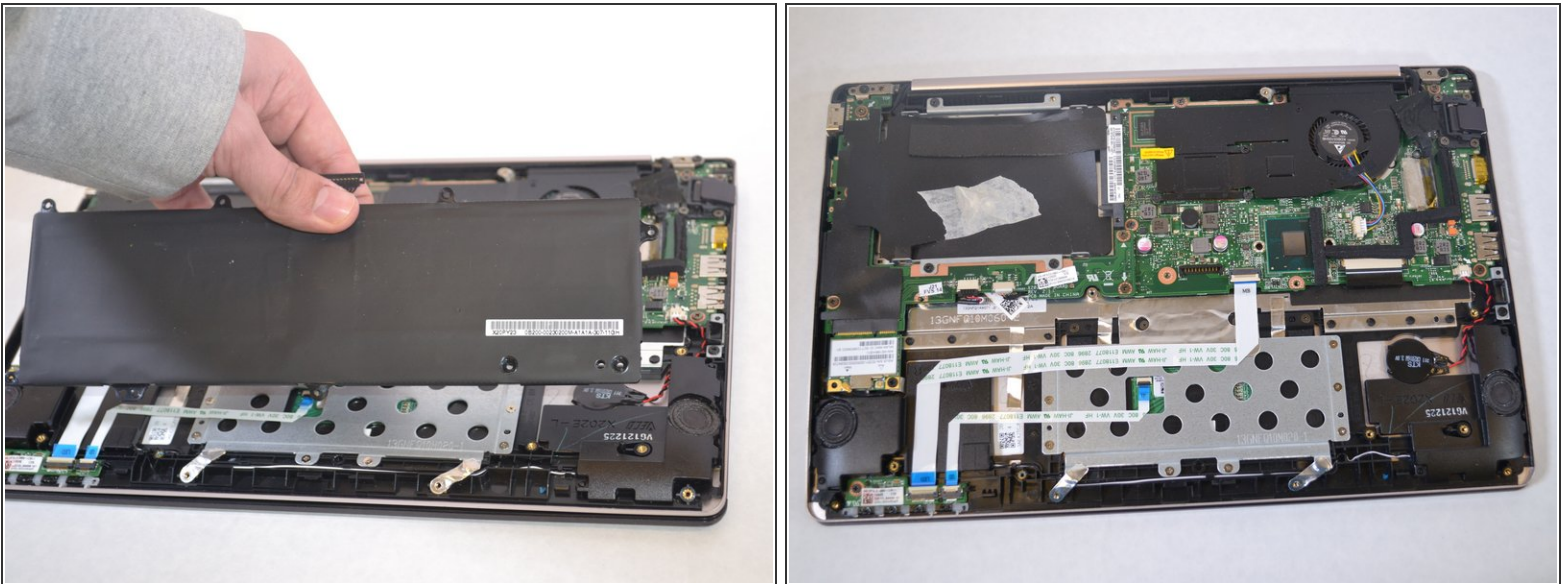
- Remove the eight 4.7mm Philips #00 screws holding the battery in place.

Step 5



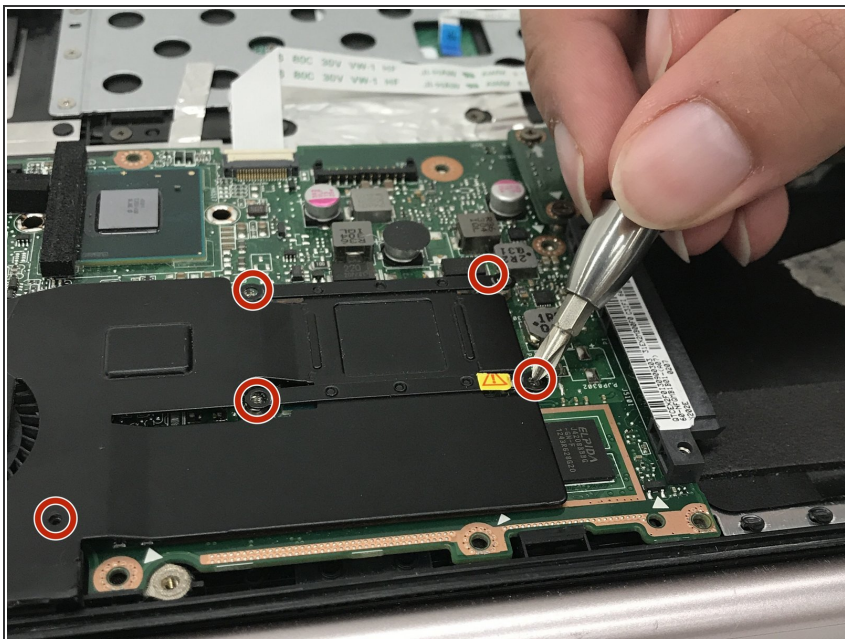
- The battery is attached by a set of wires.
- Use your finger to disconnect the set of wires. It should come off very easily.

Step 6



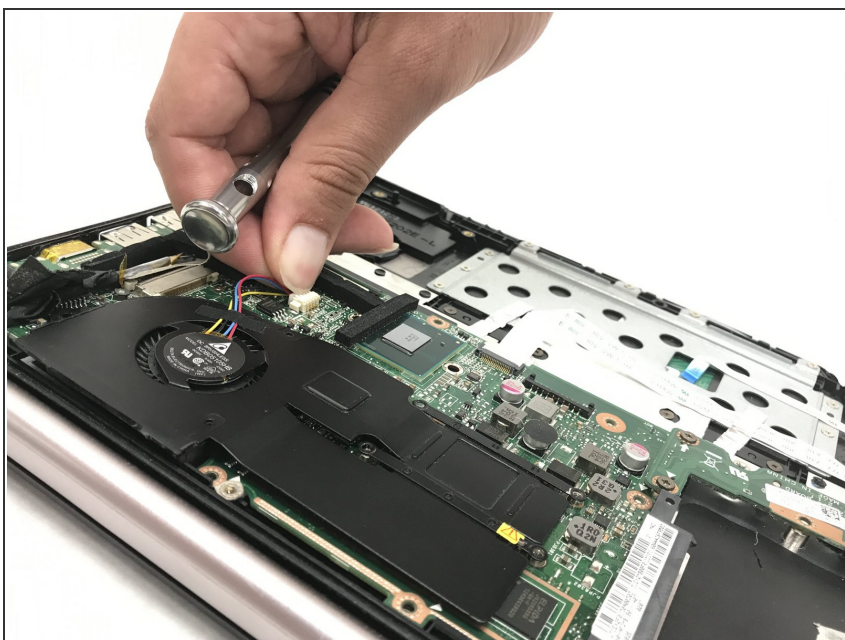
- Now just lift the battery out of place.

Step 7 — Cooling Fan



- Unscrew the five 4.9mm screws holding the cooling fan in place using a Phillips #0 screwdriver.

Step 8



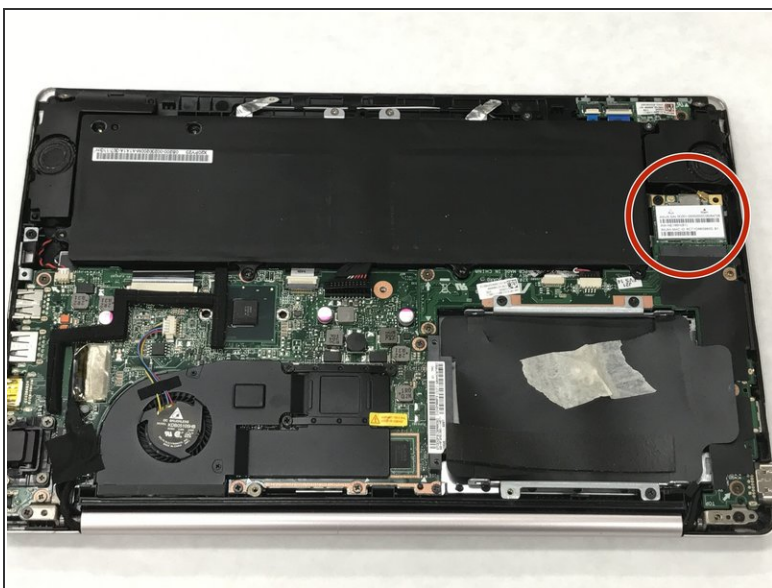
- Unplug the power bus for the fan.

Step 9



- Lift up and remove the cooling fan from the slot.

Step 10 — Wireless Card



- Locate wireless card next to battery.

Step 11



- Remove the one 4.9mm screw that holds the wireless card in place with a Phillips #00 screwdriver.

Step 12



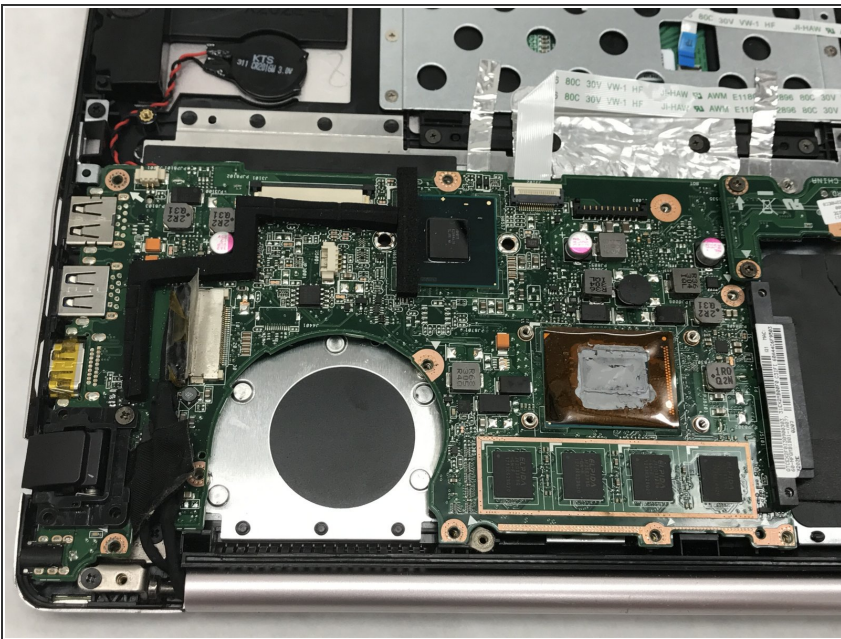
- Unplug the black coaxial cable from the wireless card.

Step 13



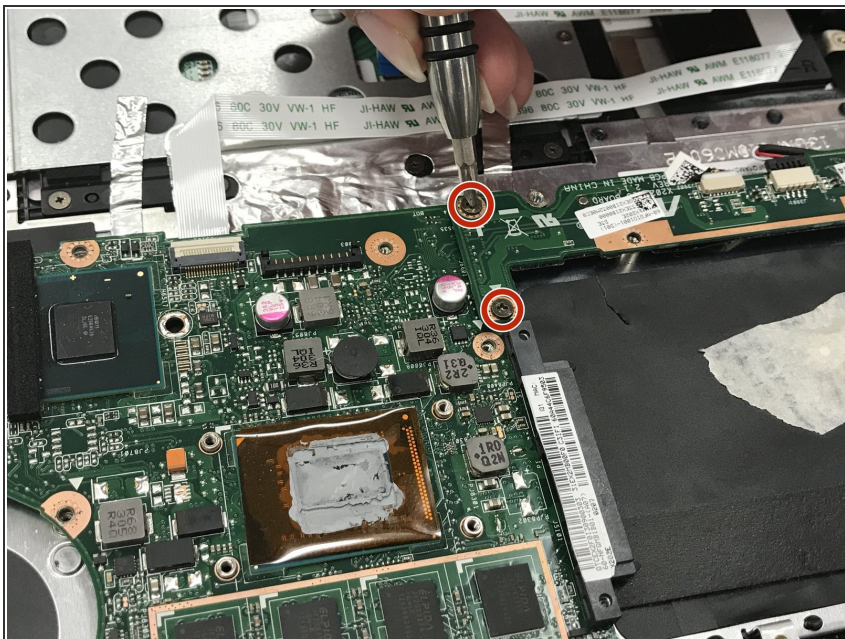
- Pull the wireless card from connector slot.

Step 14 — Motherboard



- Locate the motherboard under the cooling fan.

Step 15



- Unscrew the two 5.9mm screws on the PCB board with a Phillips #0 screwdriver.

Step 16



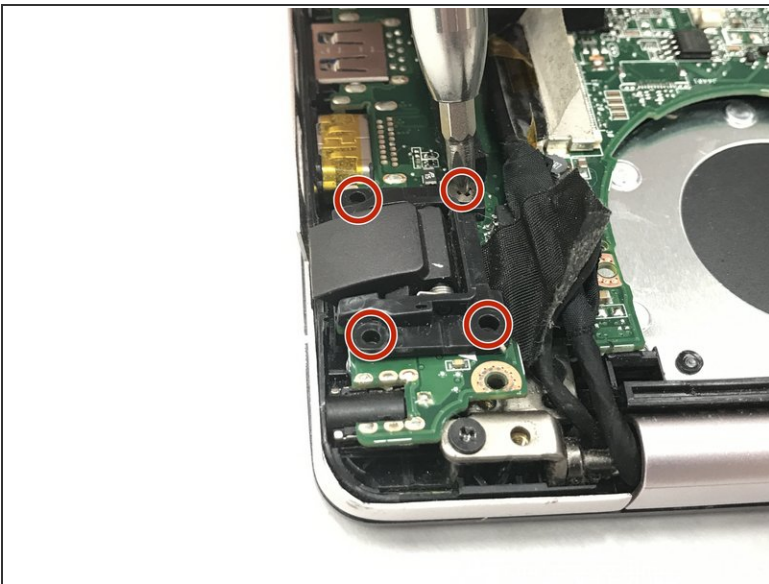
- Remove the PCB board from the motherboard.

Step 17



- Unscrew the four 5.9mm hard drive bracket screws with a Phillips #0 screwdriver.

Step 18



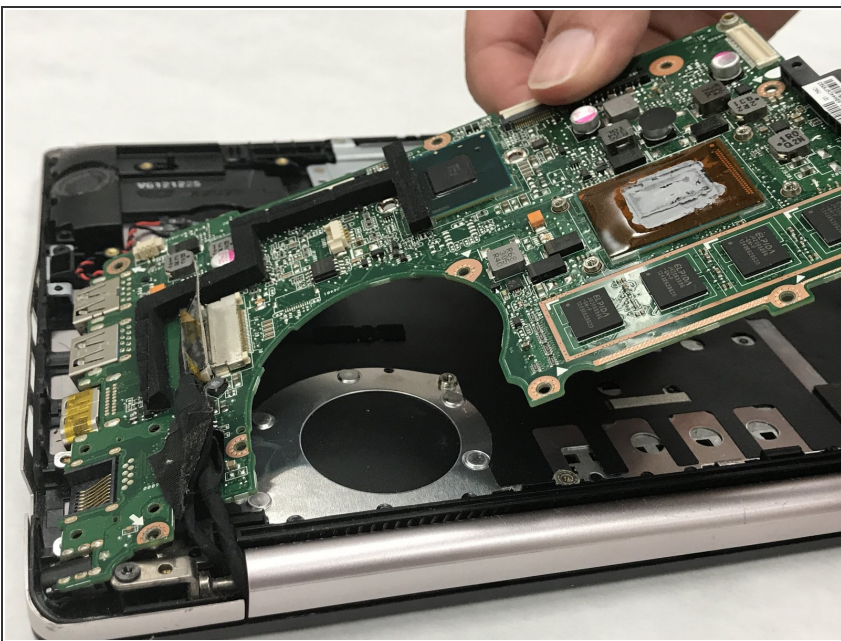
- Unscrew the four 5.9mm screws with a Phillips #0 screwdriver.
- Next, carefully lift the LAN bracket out of the slot.

Step 19



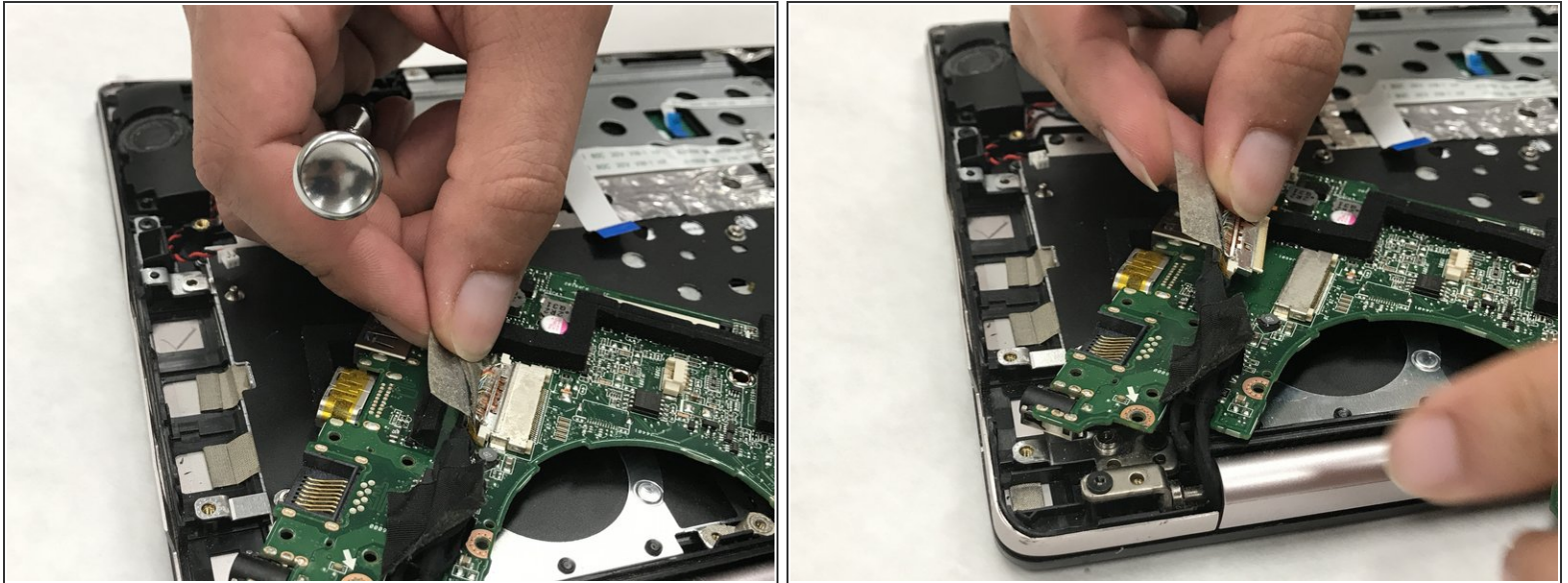
- Remove the five 5.9mm screws holding the motherboard in place with a Phillips #0 screwdriver.
- Remove the five 3.5mm screws holding the motherboard with a Phillips #00 screwdriver.

Step 20



- Carefully lift the motherboard up out of the slot.

Step 21



- Locate and unplug the power bus from the motherboard.
- The motherboard can now be replaced.

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