

CELLPHONESANDBOX

Manual 10 - Headphone Jack / Antenna Bracket

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Step 1 — Removal 1 - Battery Cover



- Before disassembly, thoroughly wash and dry your hands.
- Power down the device.
- Remove the SIM card and SD card: push card in and it will pop out. Place both in COMPARTMENT A.

Step 2



- Picture 1: Use the guitar pick to gently pry between the battery cover and front panel.
- Run the pick around the entire perimeter of the phone to release clips securing the battery cover.
- Picture 2: Adhesive holds the battery cover in place. Continue peeling the battery cover up with your fingers until it reaches the amount of separation seen in the picture. You'll begin to feel tension from the adhesive when you reach to correct amount of separation.
- Work your way around the entire perimeter of the phone.
- Picture 3: Run the guitar pick between the battery cover and rear camera trim to release final clips (red square).

Step 3



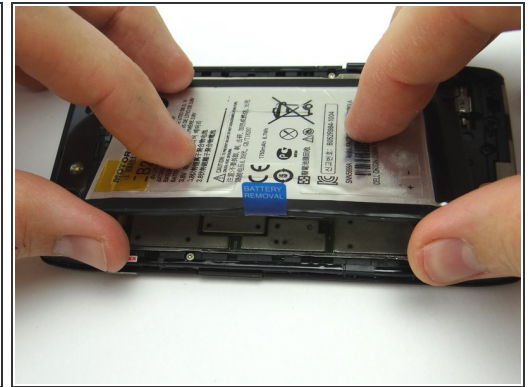
- Picture 1: Apply low-level heat (100° Celcius) all over the back of the phone for 60 seconds to loosen the adhesive securing the battery cover. Apply heat to the Motorola symbol in the middle for an additional 15 seconds.
- Picture 2: Use your fingers to gently peel the battery cover from the phone.
- Take care when peeling up the Motorola symbol - it has a tendency to stay stuck to the battery.
- Picture 3: Finish removing the battery cover, noting the battery cover is fairly flexible.
- Place battery cover in ZONE I.

Step 4 — Removal 2 - Battery



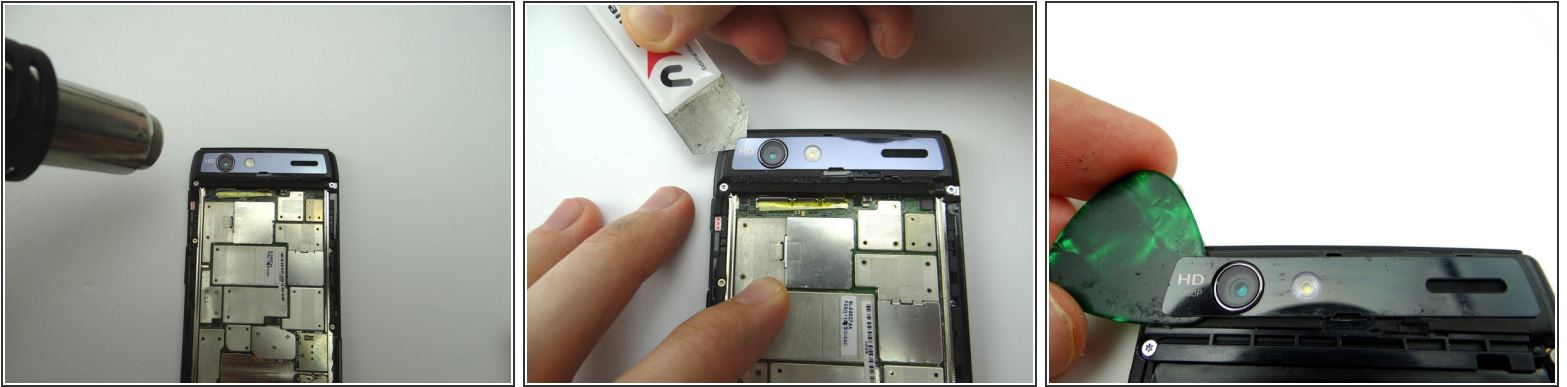
- Picture 1: Remove the rubber screw cover and place into SLOT 1.
- Picture 2: Remove two 3.3 mm T5 Torx screws and place into SLOT 2.
- Picture 3: Gently lift the battery connector slightly above the rear case. This helps ensure you won't damage the connector while removing the battery.

Step 5



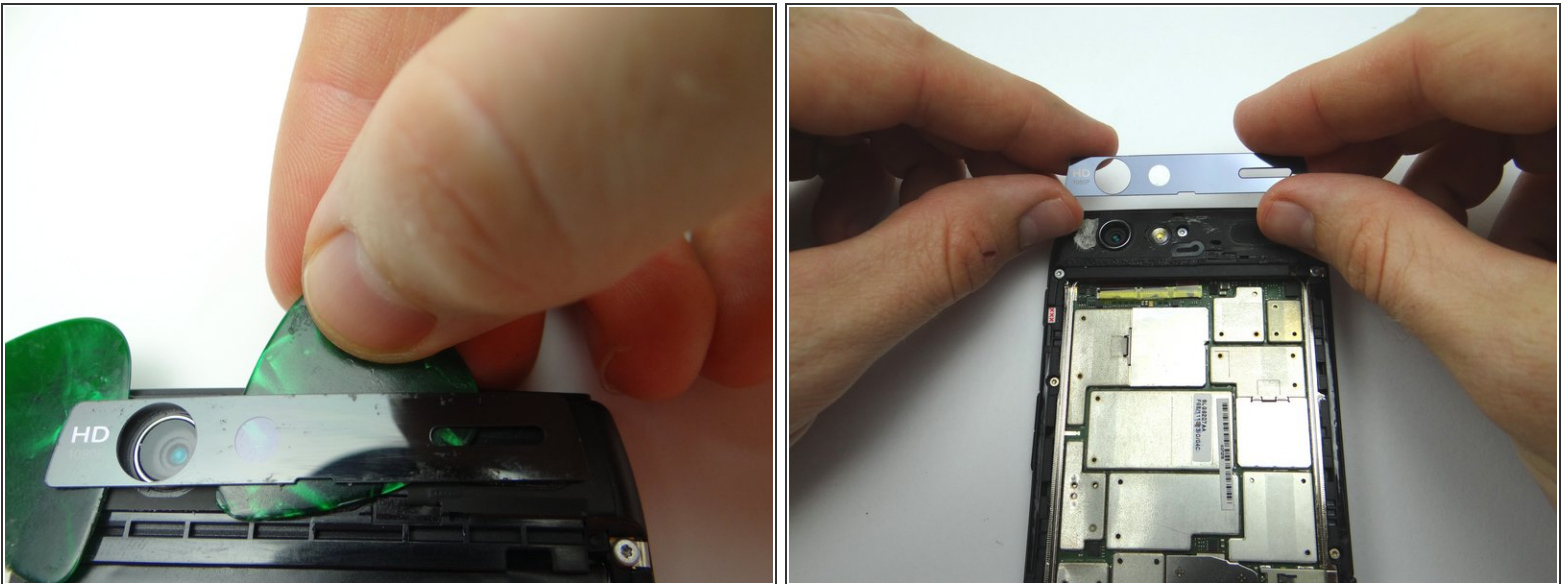
- Picture 1: Grab the battery removal tab and gently lift up just enough to wedge a spudger underneath.
- Picture 2: Wedge spudger underneath battery. Pry up around the edges to free the adhesive holding down the battery.
- Picture 3: Pull the battery up with your fingers, starting on the side with the tab. Place battery in ZONE II.

Step 6 — Removal 3 - Rear Camera Trim



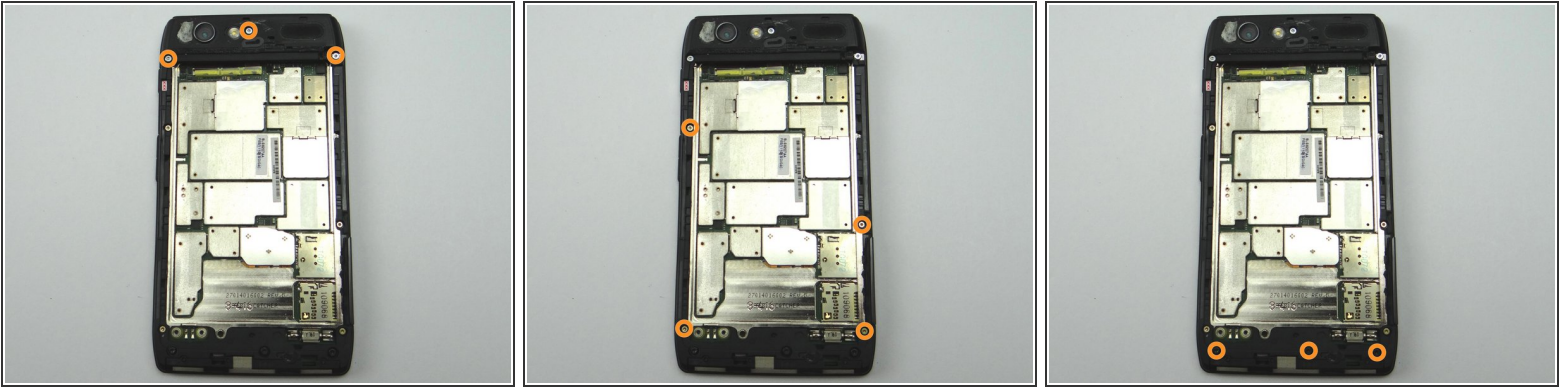
- Picture 1: Apply low-level heat (100° Celcius) to the Camera Trim for 30 seconds.
- Picture 2: Wedge the iSesamo under the upper-left corner of the rear camera trim.
- Picture 3: Replace the iSesamo with a guitar pick.

Step 7



- Picture 1: Use a guitar pick to peel up the right side. If you encounter resistance, apply more heat.
- Picture 2: Once the rear camera trim is completely free, place in COMPARTMENT C.

Step 8 — Removal 4 - Mid-Frame



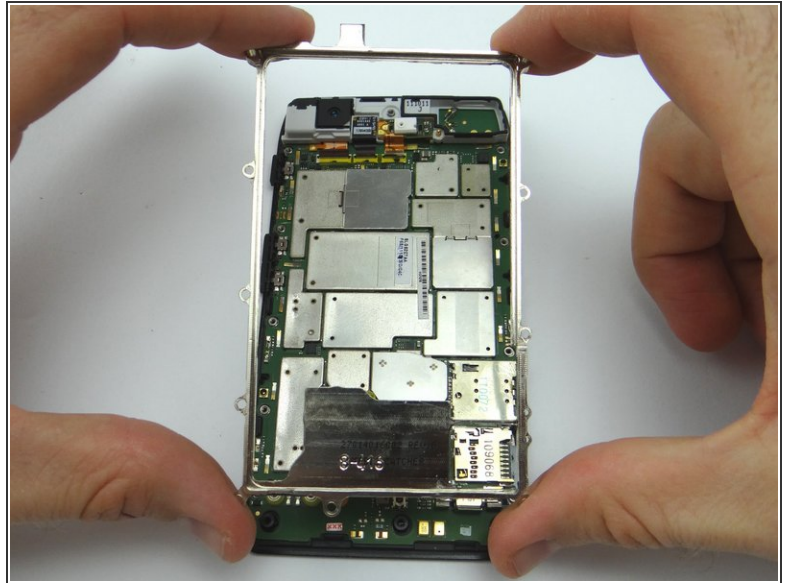
- Remove three 6.7 mm silver T3 Torx screws and place into SLOT 3.
- Remove four 4.0 mm gold T3 Torx screws and place into SLOT 4.
- Remove three 4.5 mm black T5 Torx screws and place into SLOT 5.

Step 9



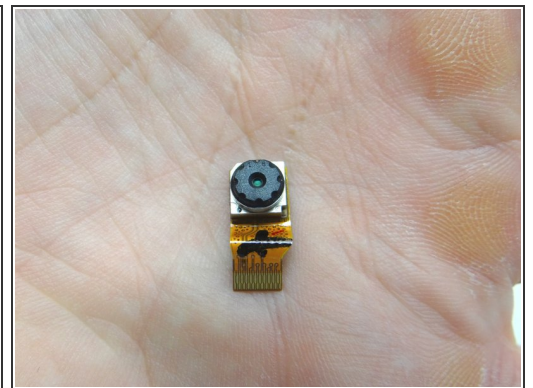
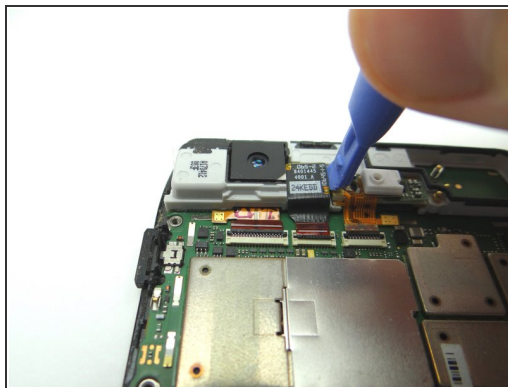
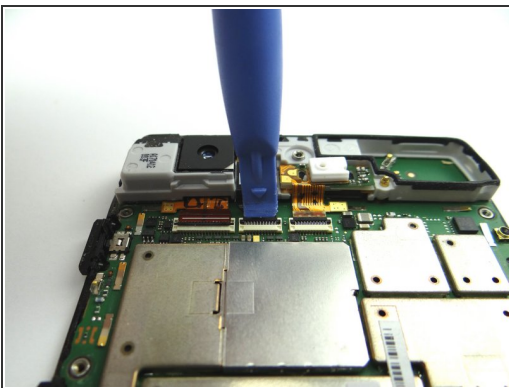
- With the phone face down wedge the guitar pick between the display and mid-frame in the upper-right corner. Run the guitar pick down the right side to release clips holding mid-frame to the display.
- Use your fingers to continue peeling the remaining clips holding the mid-frame to the display.
- Place the mid-frame into ZONE III.

Step 10 — Removal 5 - Metal Chassis



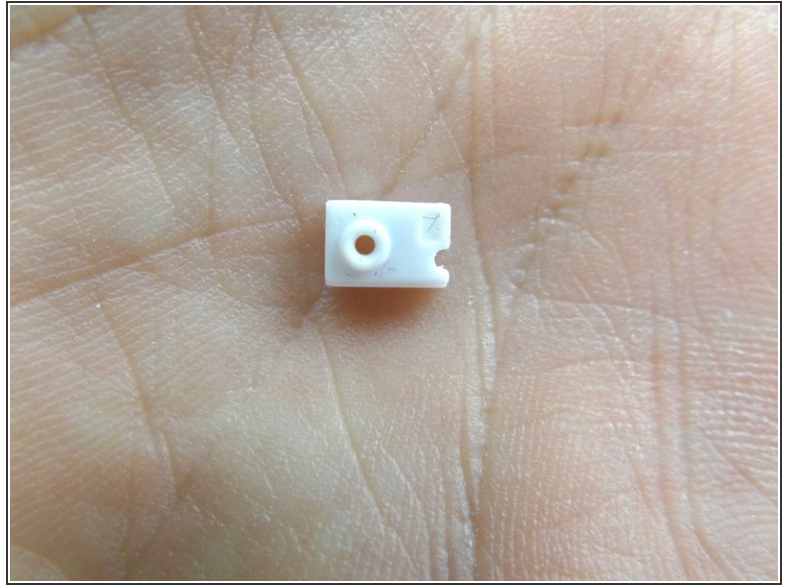
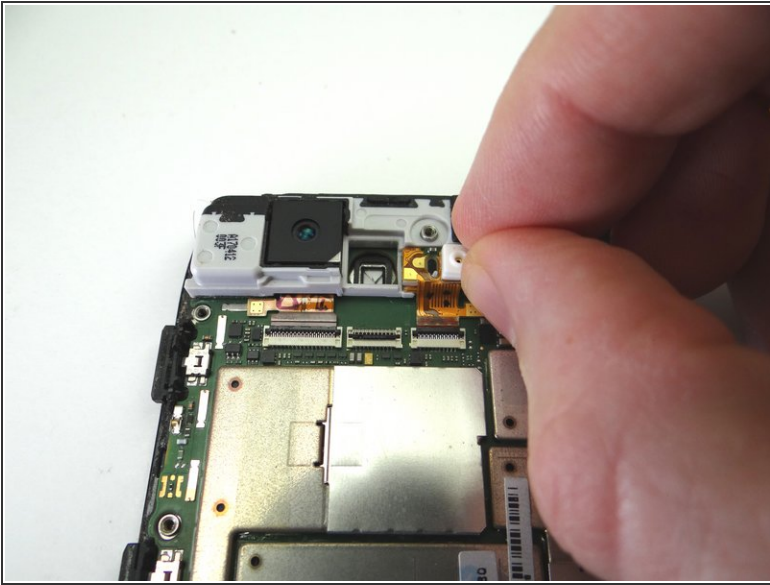
- Picture 1: Remove three 2.5 mm T3 Torx screws and place in SLOT 6.
- Picture 2: Lift the metal chassis from the logic board. Place in ZONE IV.

Step 11 — Removal 6.2 - Front-facing Camera



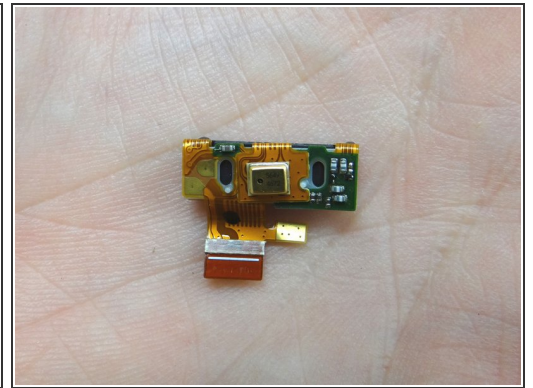
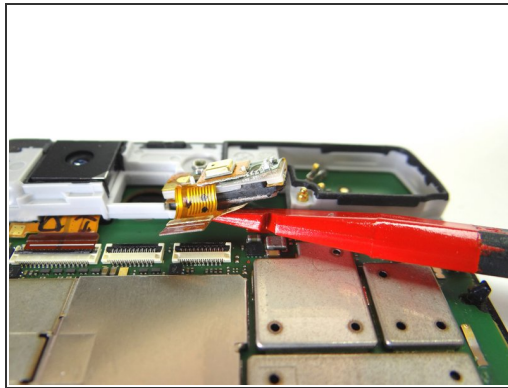
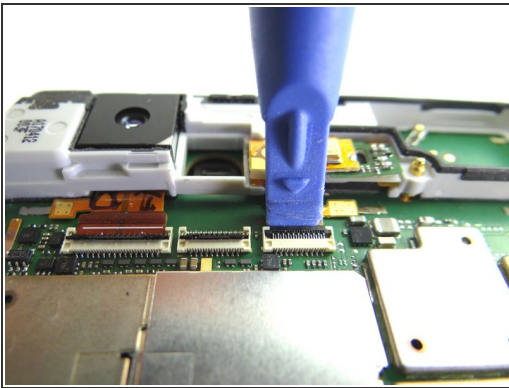
- Picture 1: Place blue pry tool under black swing bar of ZIF connector and lift up to open it.
- Picture 2: With the ZIF connector in the open/up position, lift the front-facing camera out of its socket with the blue pry tool.
- Picture 3: Pull the cable free with your fingers and remove the front-facing camera. Place it in COMPARTMENT D.

Step 12 — Removal 6.3 - Microphone / Earpiece Speaker



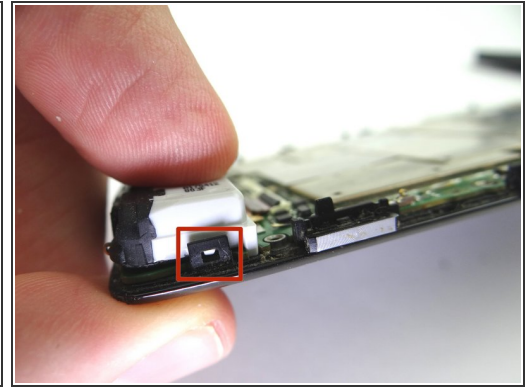
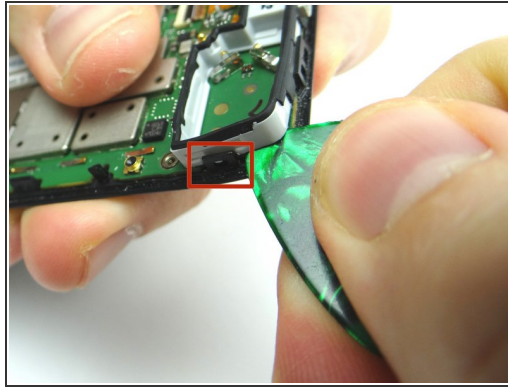
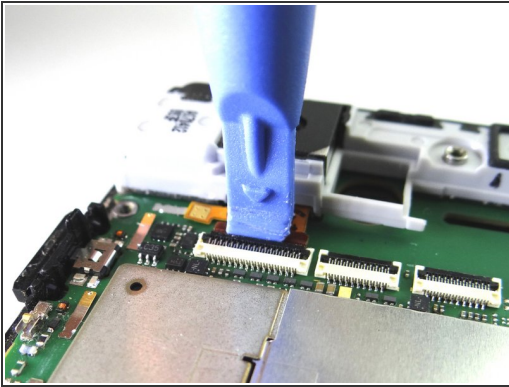
- Remove microphone spacer and place it in SLOT 7.

Step 13



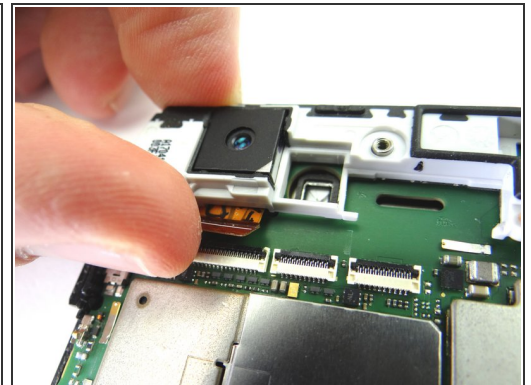
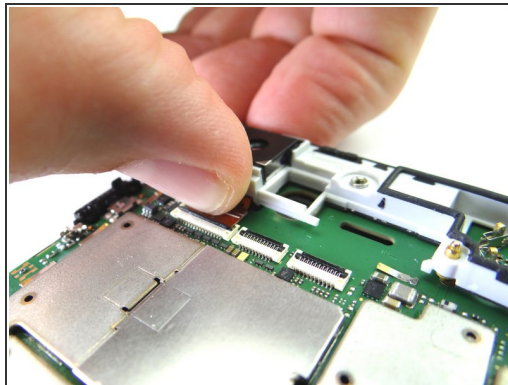
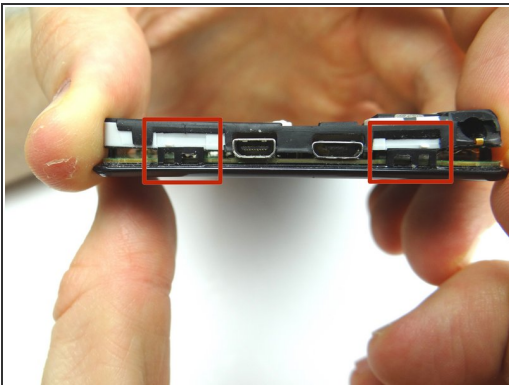
- Picture 1: Place blue pry tool under black swing bar of ZIF connector and lift up to open it. Push the cable out of the connector.
- Picture 2: Wedge the spudger under the microphone / earpiece speaker assembly and pry up.
- Picture 3: Place microphone / earpiece speaker assembly in COMPARTMENT D.

Step 14 — Removal 6.4 - Rear Camera



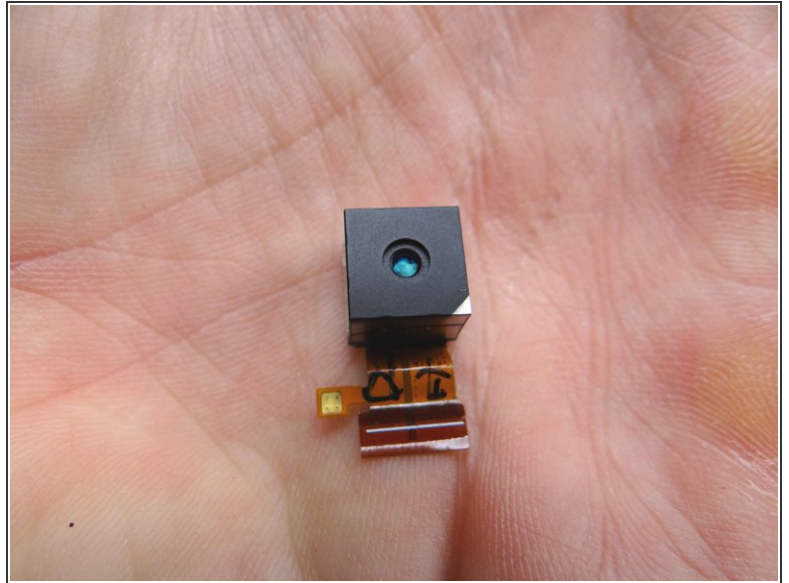
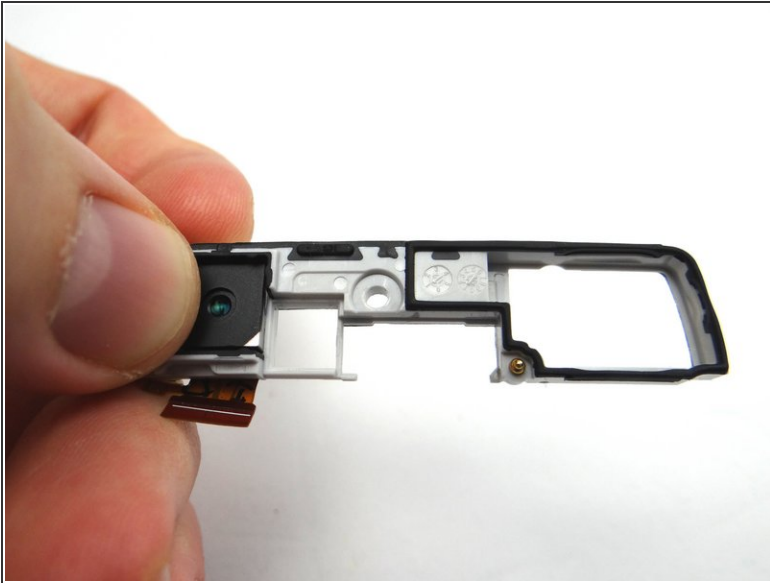
- Picture 1: Place blue pry tool under black swing bar of ZIF connector and lift up to open it.
- Picture 2: Use guitar pick to free the marked clip.
- Picture 3: Repeat on the other side.

Step 15



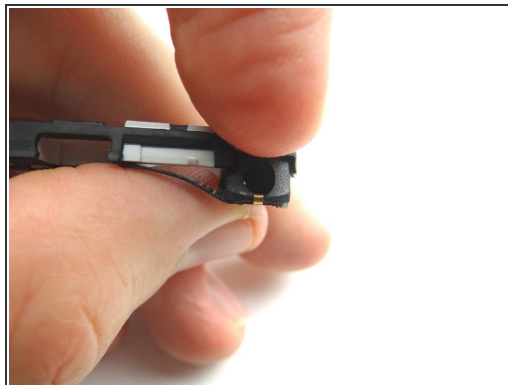
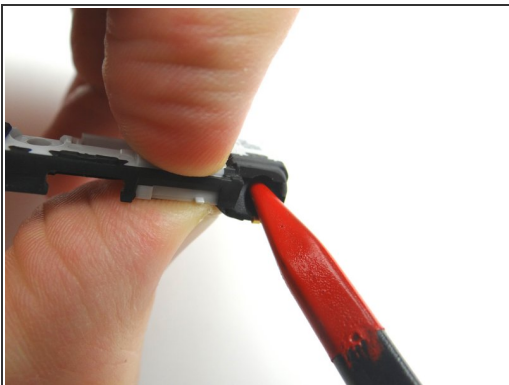
- Picture 1: Release clips at top.
- Picture 2: Pull rear camera cable free from ZIF connector.
- Picture 3: Pull up the antenna bracket.

Step 16



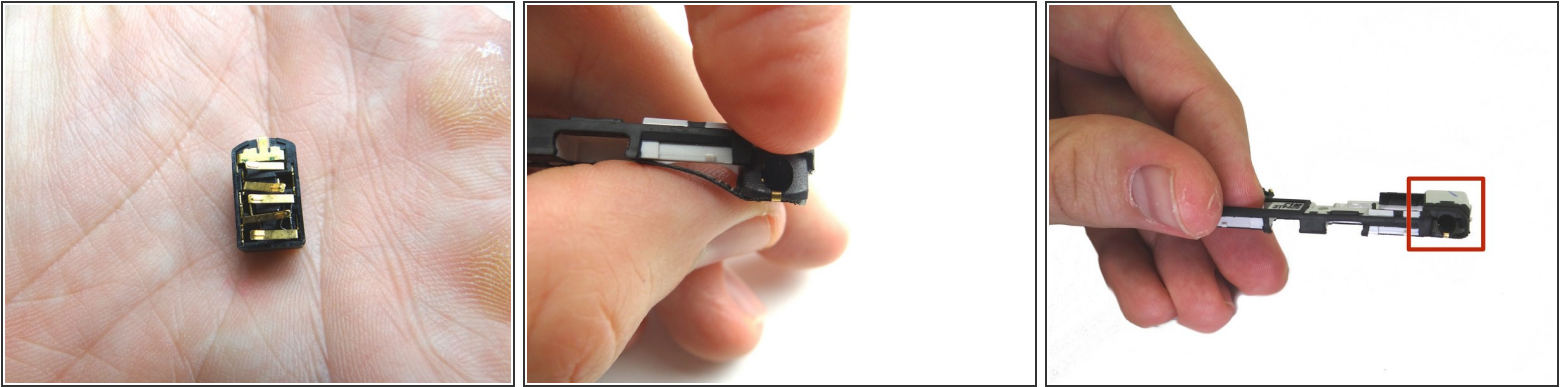
- Simply push the camera out through the underside of the antenna bracket. Place antenna bracket in COMPARTMENT E.
- Place the rear camera in COMPARTMENT E with antenna bracket.

Step 17 — Removal 6.5 - Headphone Jack



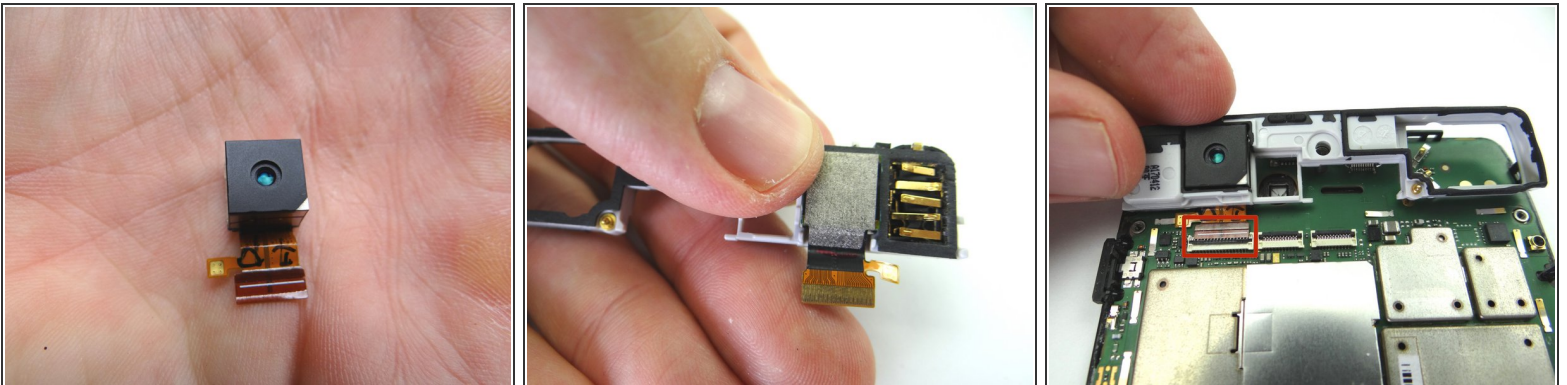
- Retrieve the antenna bracket from COMPARTMENT E. Remove the headset jack from the antenna bracket:
- Use the pointed tip of the spudger to pry the headset jack free from the antenna bracket.
- Use your fingers to continue peeling the headset jack free.

Step 18 — Replacement 6.5 - Headphone Jack



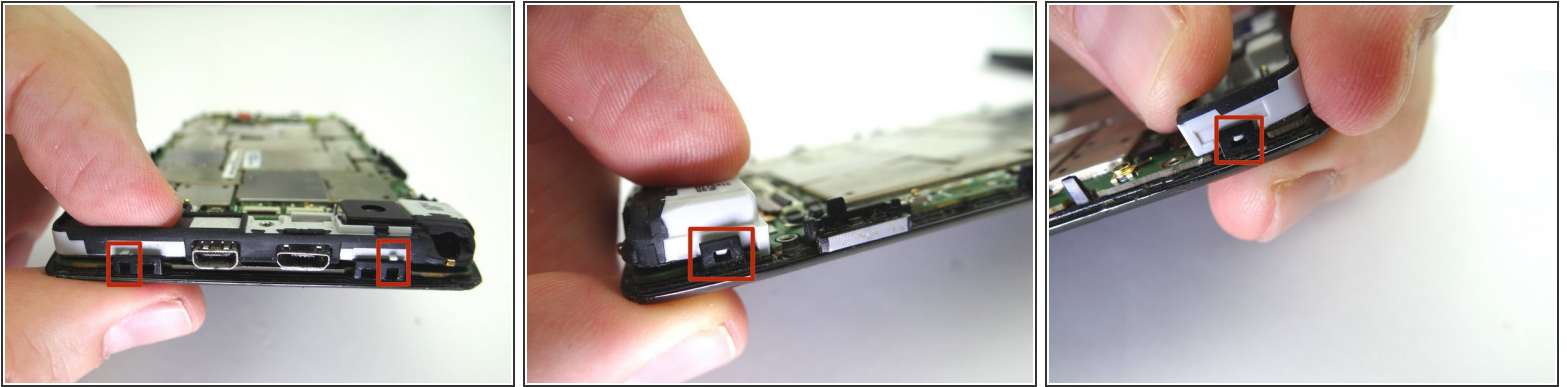
- Use your fingers to seat the replacement headset jack.
- The headset jack / antenna bracket should look like Picture 3.
- Place antenna bracket / headset jack in COMPARTMENT E.

Step 19 — Replacement 6.4 - Rear Camera



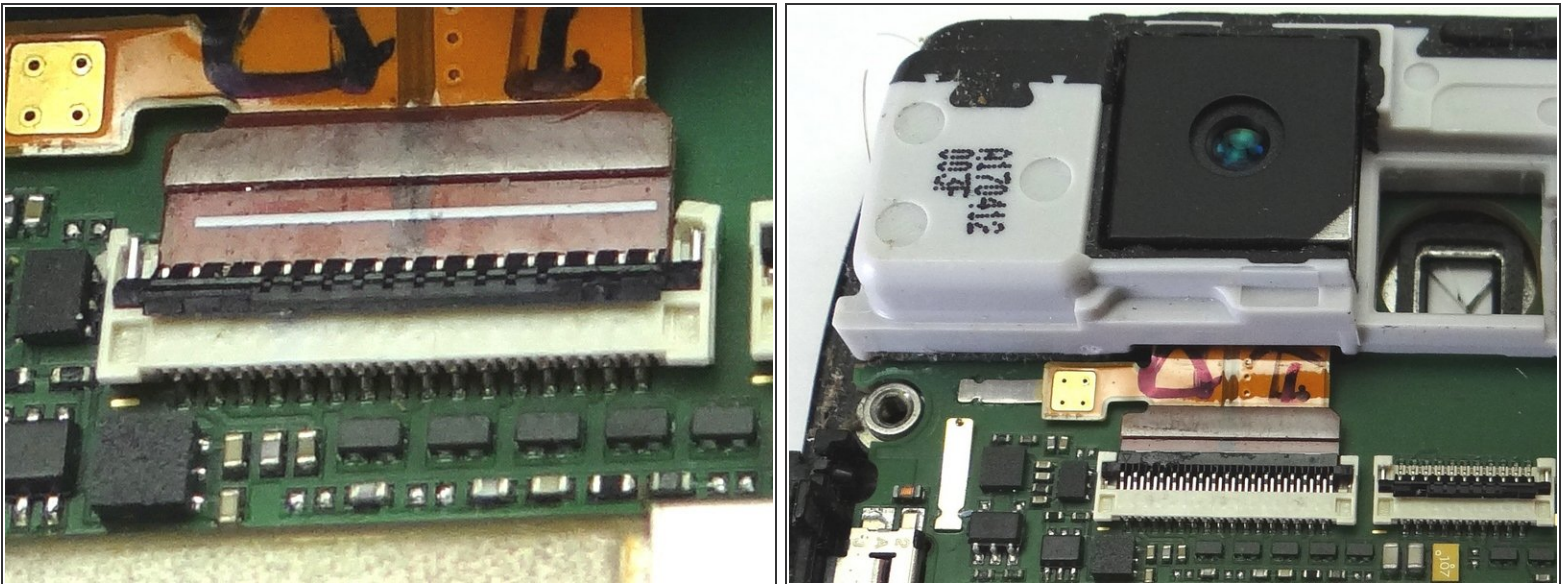
- Pictures 1 and 2: From COMPARTMENT E, retrieve rear camera and antenna bracket. Push rear camera into underside of antenna bracket.
- Picture 3: Feed rear camera cable into connector.

Step 20



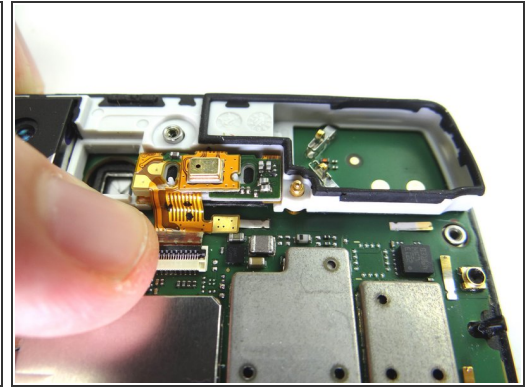
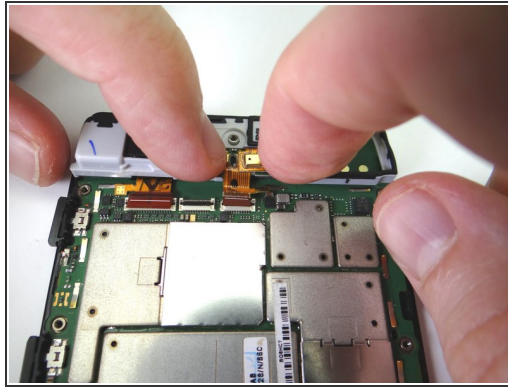
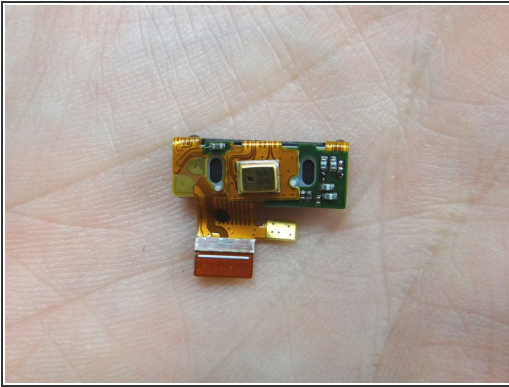
- Picture 1: Snap antenna bracket clips into place at top.
- Pictures 2 & 3: Snap clips into place on either side of the bracket.

Step 21



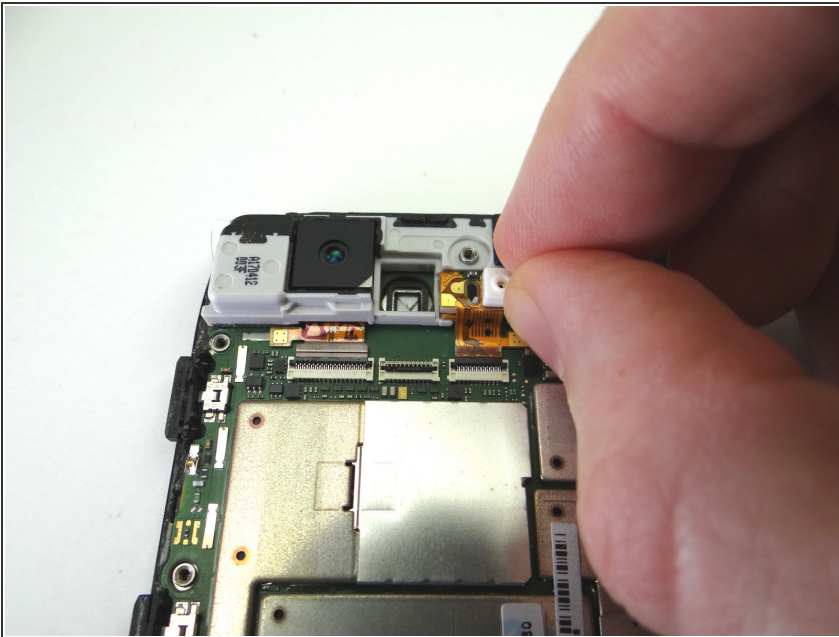
- The rear camera cable is difficult to seat:
- Picture 1: Make sure the white line on the rear camera cable lines up with the back of the ZIF connector.
- Picture 2: Flip black swing bar down to close ZIF connector.

Step 22 — Replacement 6.3 - Microphone / Earpiece Speaker



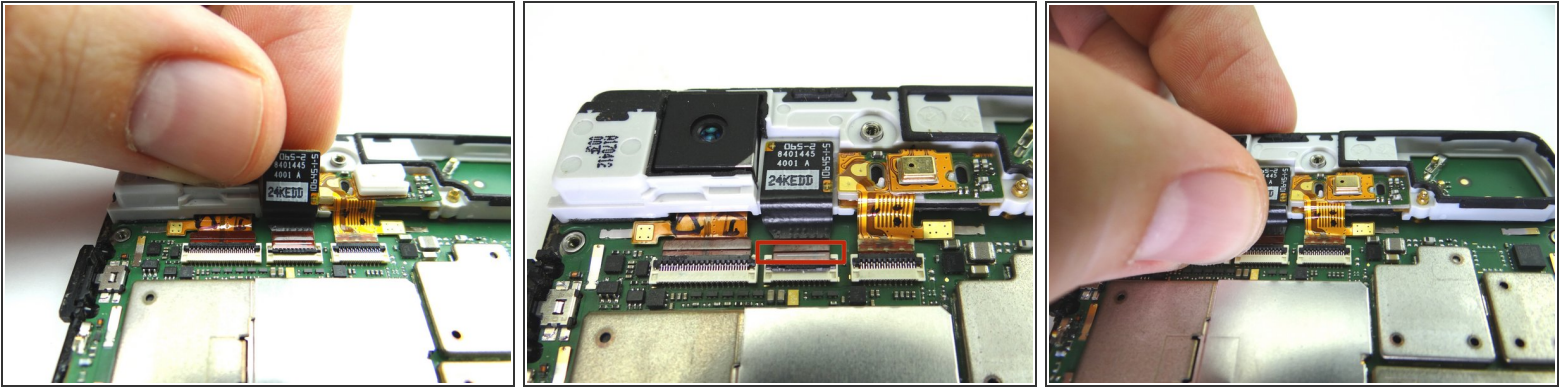
- Picture 1: From COMPARTMENT D, retrieve the microphone / earpiece speaker assembly.
- Picture 2: Seat the assembly on the antenna bracket.
- Picture 3: Guide speaker/mic cable into the ZIF connector with your fingers or plastic tweezers. Flip black swing bar down to close ZIF connector.

Step 23



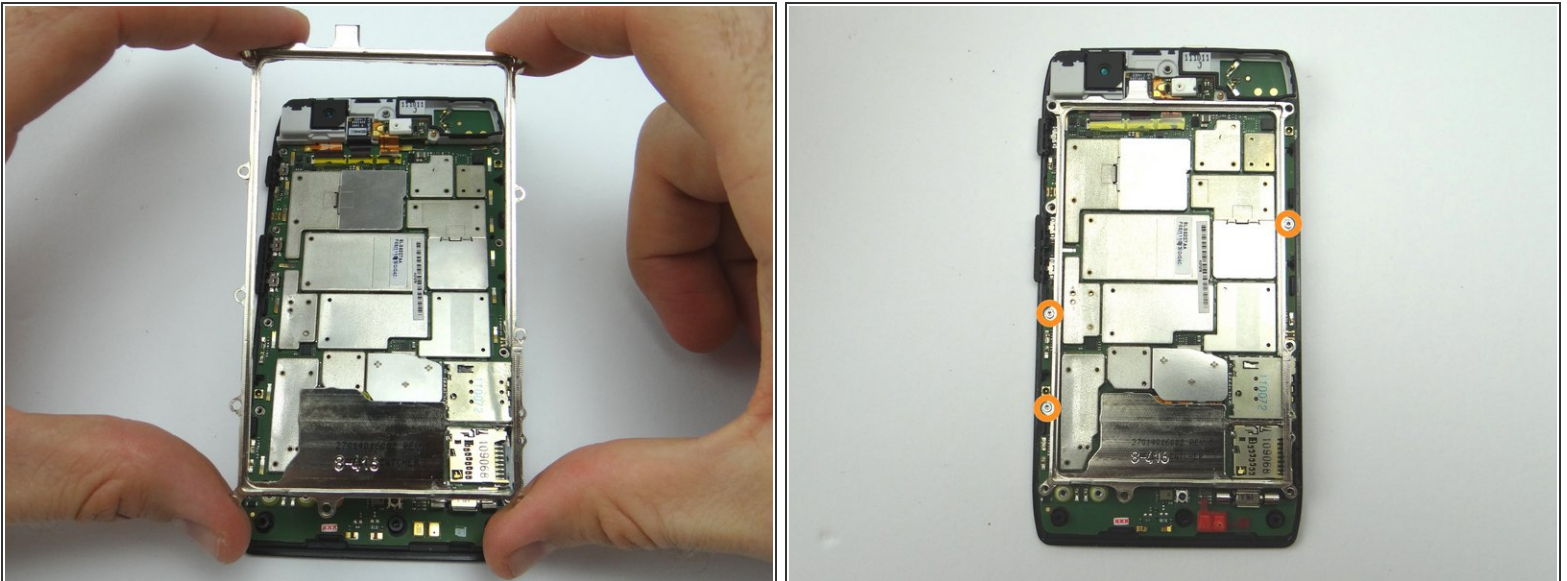
- Replace microphone spacer from SLOT 7.

Step 24 — Replacement 6.2 - Front-facing Camera



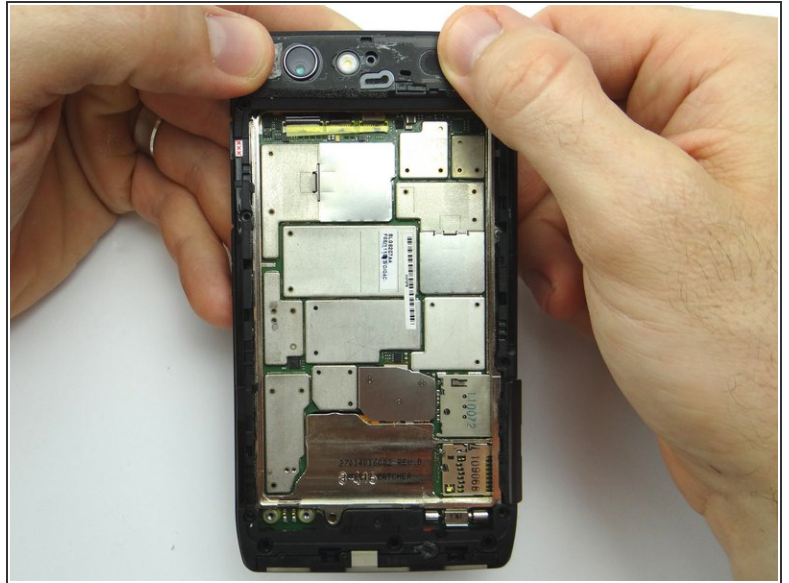
- Picture 1: Replace front-facing camera from COMPARTMENT D. Push the cable into the connector first, then seat the camera in its socket.
- Picture 2: The white line on the camera cable should line up with the top edge of the connector.
- Close black ZIF connector bar with your finger.

Step 25 — Replacement 5 - Metal Chassis



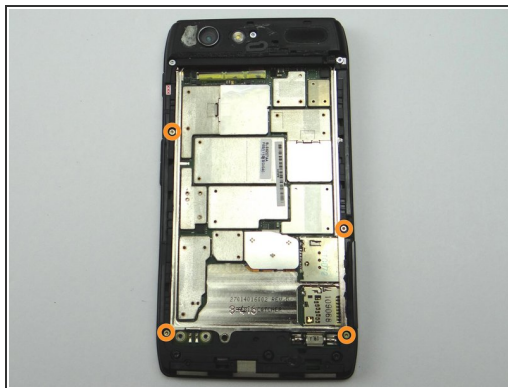
- Replace the chassis from ZONE IV.
- Replace three 2.5 mm T3 Torx screws from SLOT 6.

Step 26 — Replacement 4 - Mid-Frame



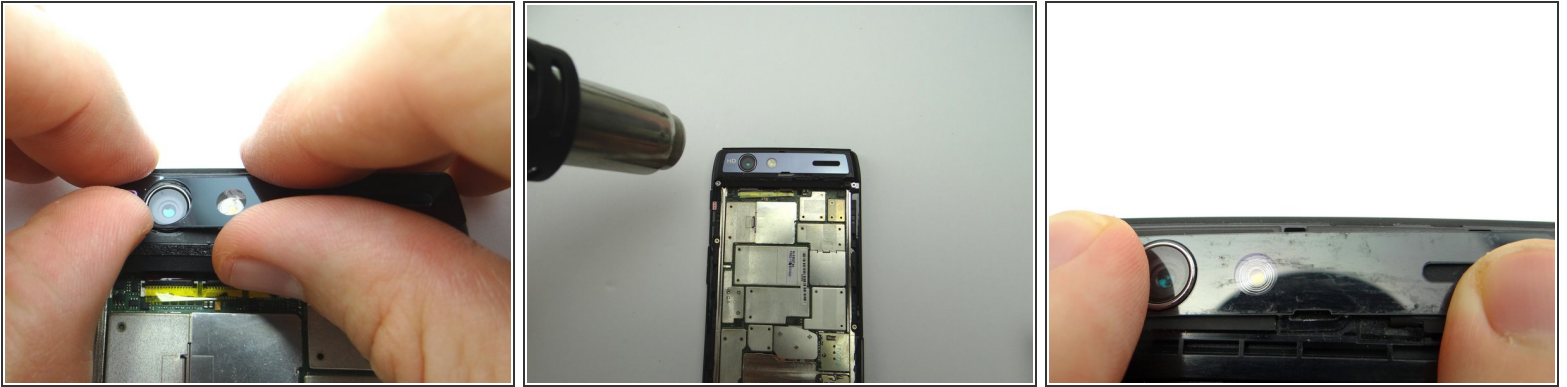
- Seat the mid-frame from ZONE III on the display assembly.
- Secure the clips: Snap the top of the mid-frame into place and work your way down.

Step 27



- Picture 1: Replace three 4.5 mm black T5 Torx screws from SLOT 5.
- Picture 2: Replace four 4.0 mm gold T3 Torx screws from SLOT 4.
- Picture 3: Replace three 6.7 mm silver T3 Torx screws from SLOT 3.

Step 28 — Replacement 3 - Rear Camera Trim



- Retrieve the rear camera trim from COMPARTMENT C. Starting from the left side, reapply the rear camera trim and press firmly to resecure it to the phone.
- ❗ If the trim is loose, try heating the area to reactivate the adhesive. Apply pressure until the trim is secure. (If necessary, apply thin strips of double-sided adhesive to secure the trim.)

Step 29 — Replacement 2 - Battery



- Picture 1: Retrieve battery from ZONE II. Place the battery into the metal chassis frame.
- Picture 2: Replace two 3.3 mm T5 Torx screws from SLOT 2.
- Picture 3: Replace the rubber screw cover from SLOT 1.

Step 30 — Replacement 1 - Battery Cover



- Picture 1: Replace battery cover from ZONE I.
- Pictures 2 & 3: Press firmly along the top edge to secure the battery cover.

Step 31



- Pictures 1 & 2: Press firmly along all edges of the phone to secure the clips.
- Picture 3: Run your fingers along all edges to ensure all clips are secured.

Step 32



- Replace SIM card and SD card from COMPARTMENT A.
- Power up device and test replaced component or components.