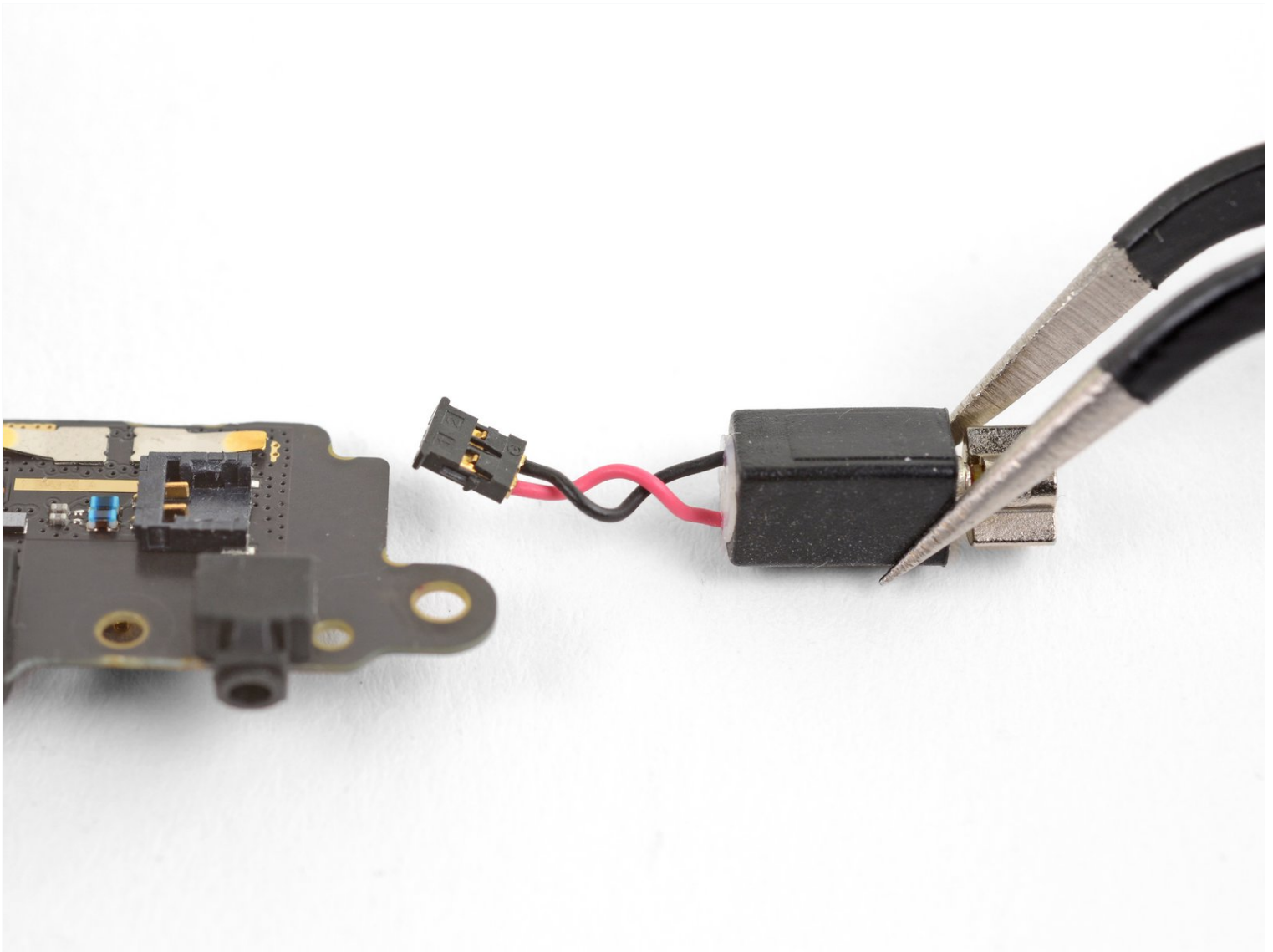




Motorola Moto E4 Plus Vibration Motor Replacement

Follow this guide to remove and replace the...

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INTRODUCTION

Follow this guide to remove and replace the small vibration motor on the Moto E4 Plus. This requires removing the daughterboard, which houses the motor's connector.

Before you begin, download the [Rescue and Smart Assistant](#) app to backup your device and diagnose whether your problem is software or hardware related.

TOOLS:

[Spudger](#) (1)

[T3 Torx Screwdriver](#) (1)

Step 1 — Remove the back cover



 Power off your phone before beginning disassembly.

- Insert the edge of the spudger into the notch on the bottom right corner of the phone.
- Twist the spudger to start releasing the back cover from the phone.
- Slide the spudger along the bottom edge to separate the back cover from the phone.

Step 2



- Lift the phone unit out of the back cover.

Step 3 — Remove the midframe screws



- Remove the nineteen 3.2 mm long T3 screws securing the plastic midframe.

Step 4 — Release the midframe clips



i The plastic midframe is still held in place with clips.

- Insert the flat end of a spudger into the midframe seam at the bottom left corner of the phone (near the microphone hole).
- Twist the spudger to release the plastic clip.
- Repeat the process for the clip near the top right corner of the phone.

Step 5 — Remove the midframe



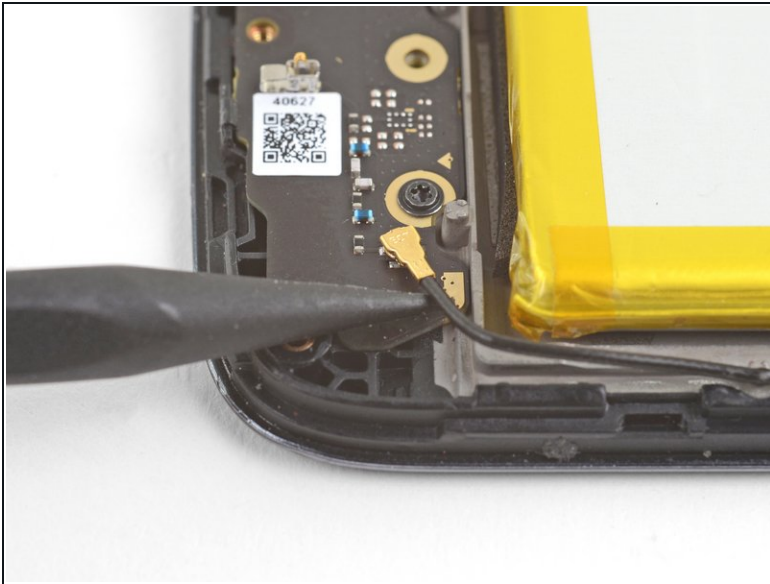
- Lift the bottom edge of the plastic midframe upwards until the clips along the top edge release.
 - Remove the plastic midframe.
- ☒ To reattach the plastic midframe, line up the midframe to the phone and squeeze along the edges to engage the clips.

Step 6 — Disconnect the battery



- Use the point of a spudger to pry up and disconnect the battery connector from its motherboard socket.

Step 7 — Disconnect the antenna



- Use the point of a spudger to pry up and disconnect the antenna cable from its daughterboard socket.

Step 8 — Disconnect the daughterboard connectors



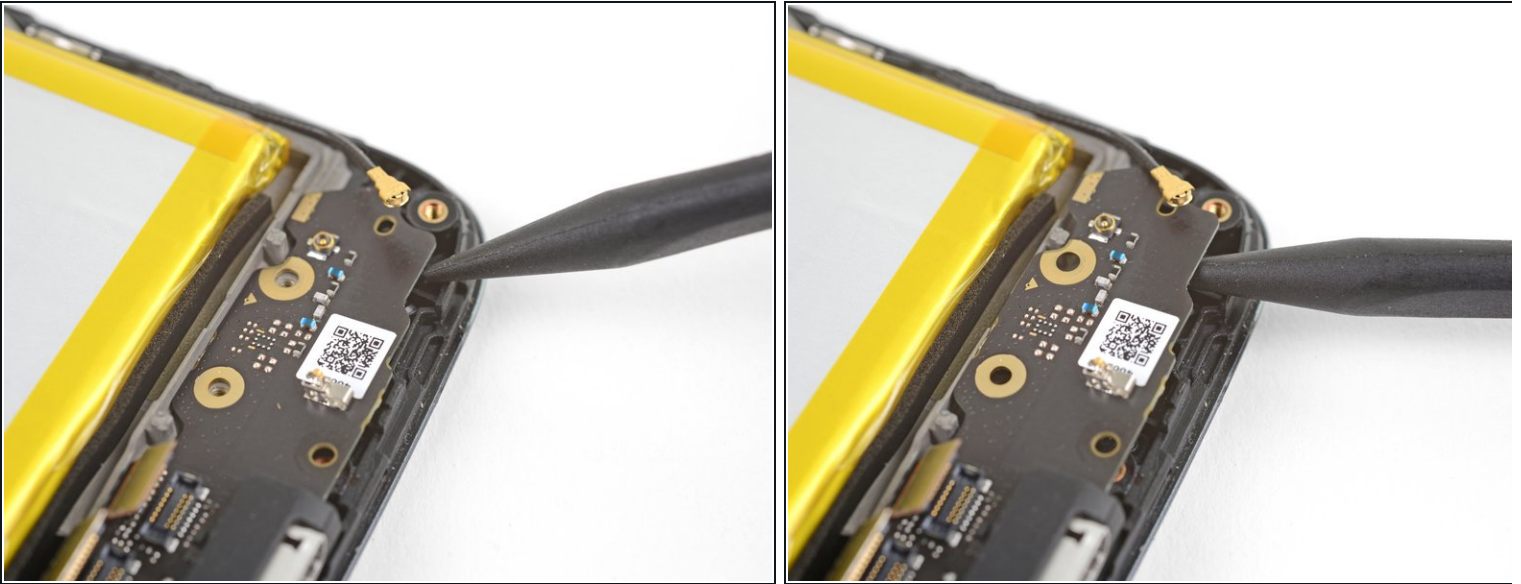
- Use the point of a spudger to pry up and disconnect the interconnect cable from its daughterboard socket.
- Pry up and disconnect the fingerprint sensor cable next to it from the daughterboard.

Step 9 — Remove the daughterboard screws



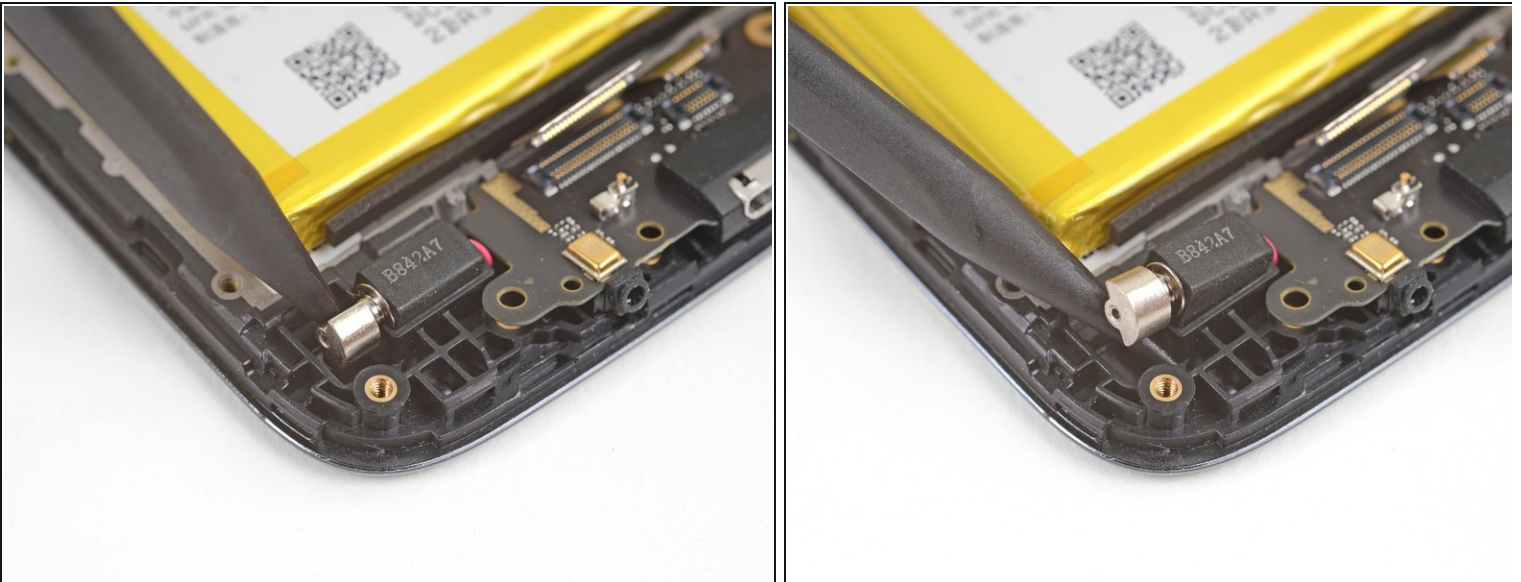
- Remove the two 3.2 mm long T3 screws securing the daughterboard.

Step 10 — Loosen the daughterboard



- Insert the point of a spudger under the bottom right corner of the daughterboard and pry up to loosen the daughterboard.

Step 11 — Loosen the vibration motor



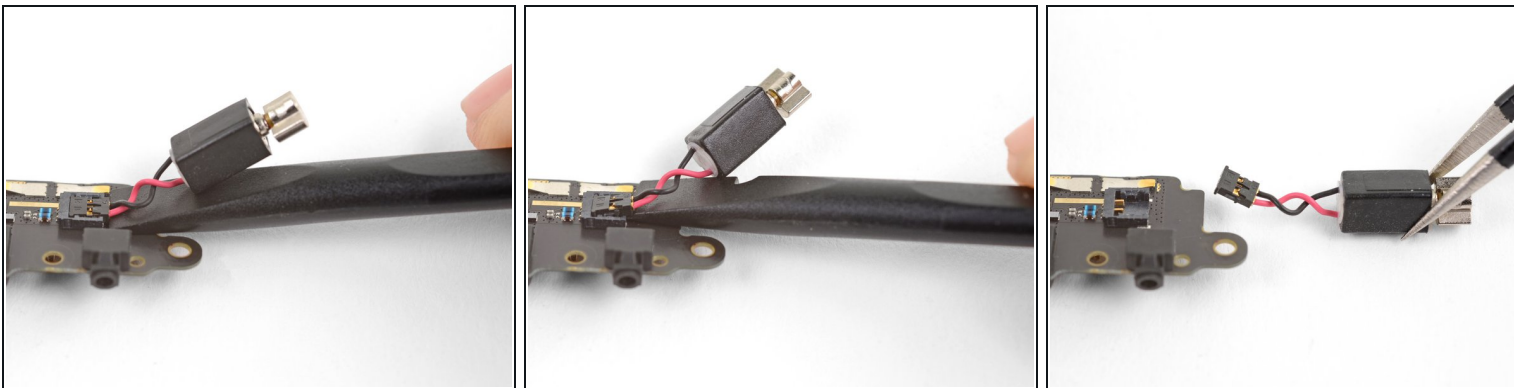
- Insert the point of a spudger underneath the vibration motor and pry upwards to loosen it.

Step 12 — Remove the daughterboard



- Grasp the daughterboard by the edges and lift it out of its recess.
- Remove the daughterboard. The vibration motor will be attached to it.

Step 13 — Vibration Motor



⚠ Do not pull the connector out by the cables. It snaps in place from the top.

- Insert the flat edge of a spudger between the vibration motor wires and the daughterboard
- Gently twist to pry the connector upwards out of its socket.

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

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our [Moto E4 Plus Answers community](#) for help.