



Motorola i886 Main Keyboard Replacement

This guide shows how to open the Motorola i866...

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INTRODUCTION

This guide shows how to open the Motorola i866 and replace the main keyboard.

TOOLS:

[T4 Torx Screwdriver](#) (1)

[Tweezers](#) (1)

[Spudger](#) (1)

[iFixit Opening Tool](#) (1)

[T5 Torx Screwdriver](#) (1)

Step 1 — Back Cover



- Undo the headphone jack and USB port cover with your fingertip. Place your middle finger in the indent on the upper left side of the back of the phone.

Step 2 — Open



- Pull back until cover is removed. Place cover aside.

Step 3 — Battery



- Locate battery and use your index finger to grasp the upper left side of the battery and pull back to remove. Set battery aside.

Step 4 — SIM Card



- Locate and use your thumb to slide the SIM card to the right until it is removed and set it aside.

Step 5 — Screw Removal



- Remove eight black .4 centimeter screws on the top, bottom, and sides of the phone with a T5 Torx screwdriver by inserting it into the screws and turning it to the left. Set screws aside.

Step 6 — Separating



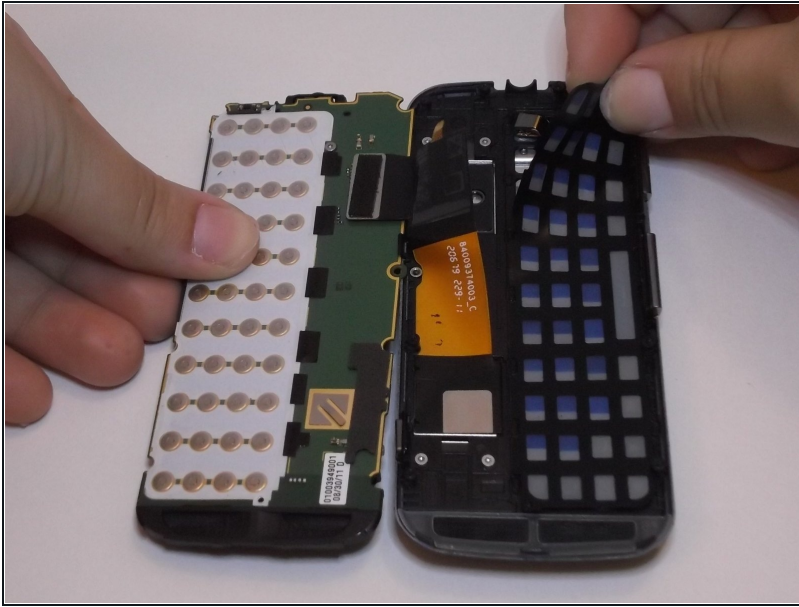
- Loosen four fastener pieces on the side and bottom with a plastic opening tool to pry them backwards.
- Insert the plastic opening tool between the loosened casing and the rest of the phone and pry the two pieces apart to remove the casing.

Step 7



- Remove the .3 centimeter silver screw with the T5 Torx screwdriver.
- Use your fingertips to lift up the circuit board and lay it on the side of the phone. Note that the two pieces are attached by a gold and black strip.

Step 8 — Keyboard Removal



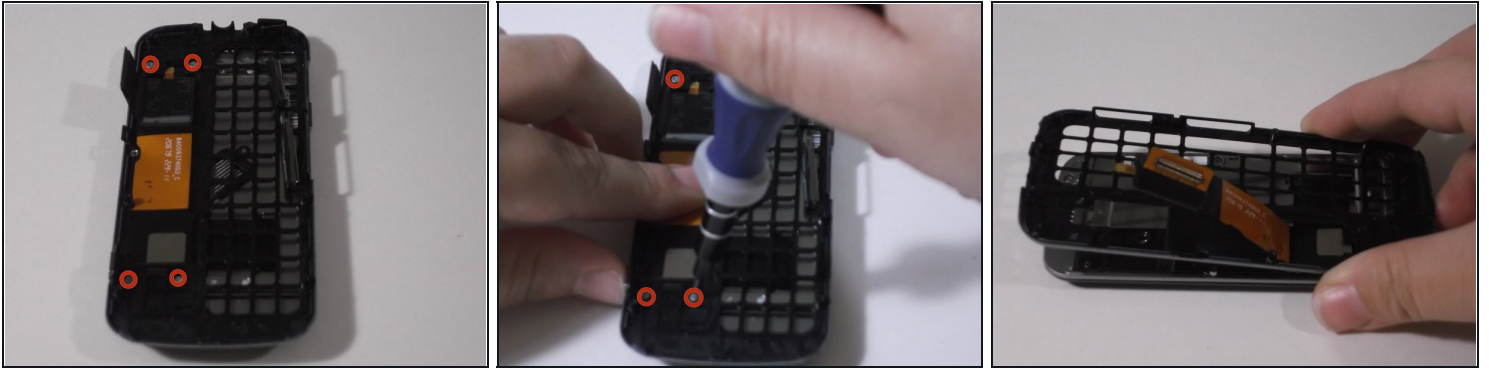
- Locate and grip the black, white, and blue keyboard layer with your fingernail, lift up to remove it.

Step 9 — Disconnect



- Disconnect piece connecting the two parts of the phone by using your index finger and thumb to pry them apart, you will hear a soft click.
- Set aside the part of the phone without the strip.

Step 10



- Remove the loose volume, speaker, and camera buttons.
- Remove four silver .2 centimeter screws above and below the gold and black strip with a T4 Torx screwdriver.
- Separate the two parts of the phone by holding one side in each hand and pulling them apart. Set the part that held the slide-out keyboard aside.

Step 11 — Screws



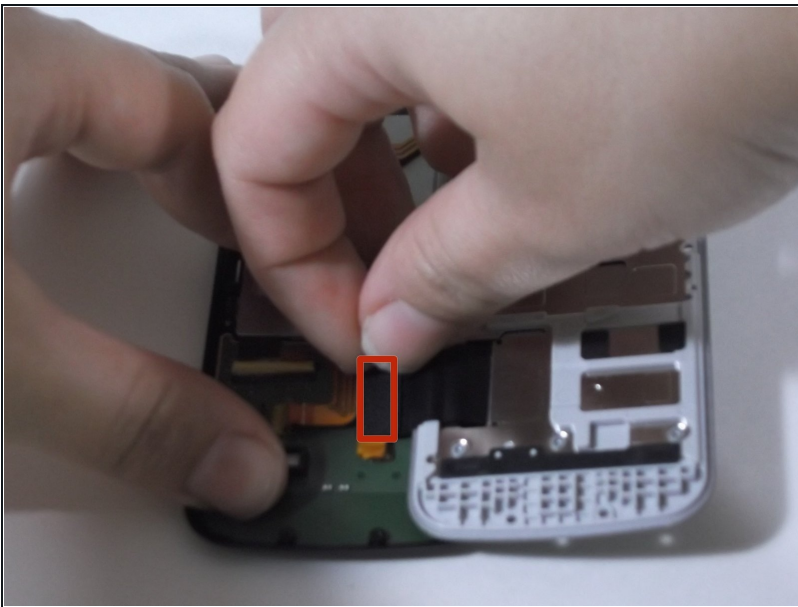
- Remove six silver .3 centimeter screws from the top, bottom, and sides with the T4 Torx screwdriver.
- ① One silver screw will be hidden by the sliding mechanism. Once you have removed the screw visible on one side, slide the mechanism over to reveal the other one.
- ① The four screws on the top and bottom may not be visible. If your phone is new or has not been taken apart before, the four screw tops will be hidden by little circular stickers. These can be peeled off with [tweezers](#).

Step 12



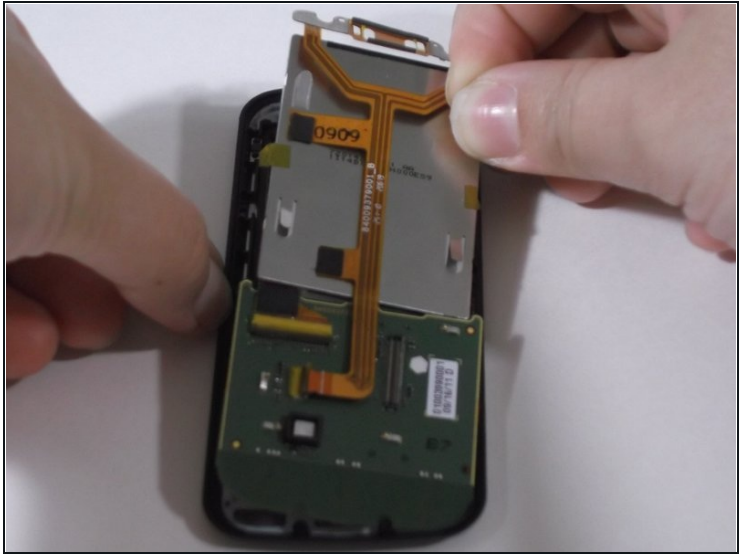
- Insert the flat end of a Spudger in between these two pieces of the phone and move it along the sides to loosen and pry apart.

Step 13



- There will be a short, wide, black strip connecting the two parts. Separate in the same manner as the black and gold strip. Set aside the piece with the strip attached.

Step 14 — Screen



- Peel back the yellow tape on the side of the screen using tweezers or your fingernails. Lift away screen and board.

Step 15 — Remove Keyboard



- Remove keyboard by lifting it out with your fingertips.

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