



Motorola Talkabout FV700R Button Contact cleaning

The guide provides instructions for the proper cleaning of malfunctioning button contacts. This problem usually arises because of the oil left behind when the contacts are touched by skin.

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INTRODUCTION

The radio button contacts are responsible for transmitting the radio user's touch to the circuit board. Malfunctioning button contacts can make the radio unresponsive when a button is pressed. Follow the steps below to properly clean the button contacts to restore button function.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [T8 Torx Screwdriver](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [Flathead Screwdriver](#) (1)
- [High Content Rubbing Alcohol](#) (1)
- [Cotton Swabs](#) (1)

Step 1 — Battery



- Remove the back battery cover by pressing the tab to the left, and lifting.
(i) A small screwdriver can aid this process.

Step 2



- Remove the batteries currently in the radio.
(i) When you're ready to add new batteries, place Ni-MH or AAA replacement batteries in the specified slots.
- The orientation of the batteries is specified in the battery compartment.

Step 3 — Volume Knob



- Turn the Volume knob to the off position.

Step 4



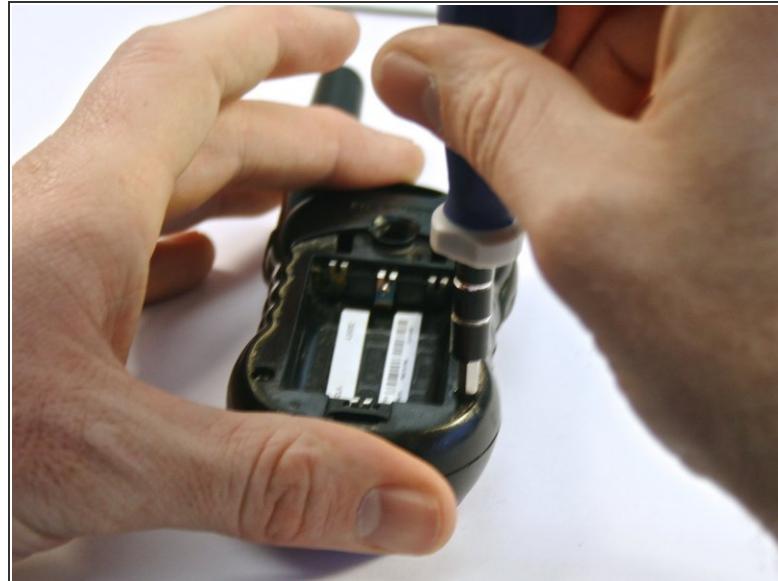
- Firmly grasp and pull back on the volume knob. The knob should come off smoothly.
- *(i)* This may require some twisting and force.

Step 5 — Front Faceplate



- Remove the four 3 millimeter T6 Torx screws from the front of the radio.

Step 6



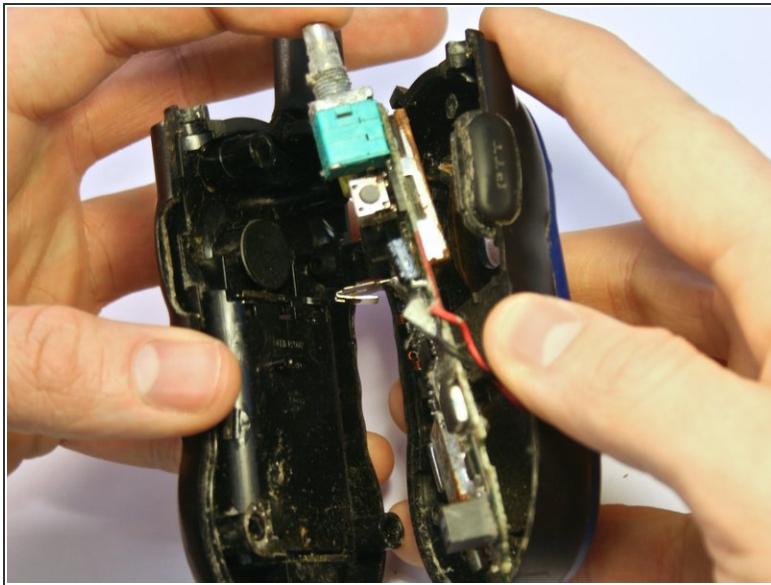
- Remove the four 3 millimeter T8 Torx screws from the back of the radio.

Step 7



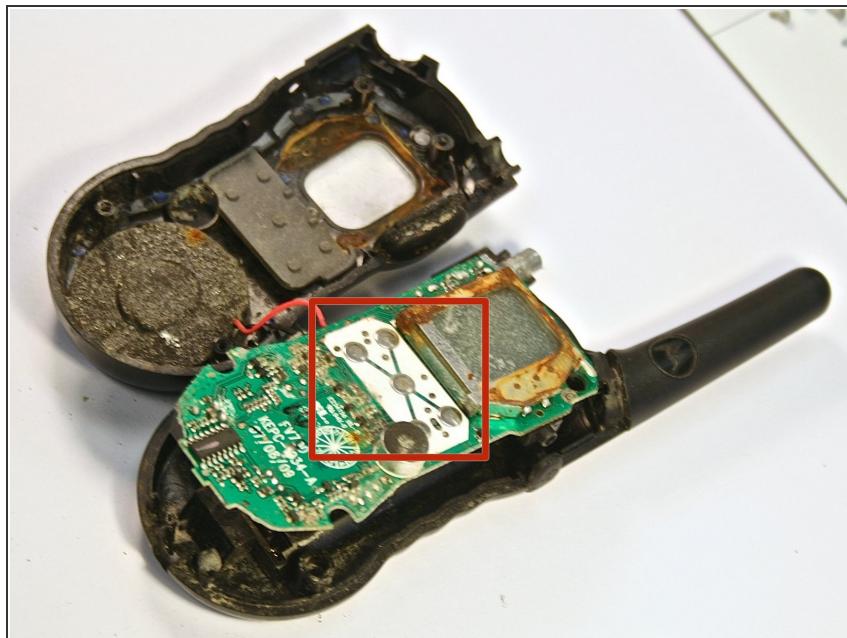
- Gently open the backplate of the radio. Use a flathead screwdriver to slowly pry apart the two sides.
 Be careful, as the antenna is still attached. Pulling the two sides apart too quickly could break the antenna.

Step 8



- Gently pull the circuit board away from the front faceplate.
 - ⚠ Be careful not to tug the wire connecting the circuit board to the speaker, as it is still attached to the faceplate.
 - ⚠ Do not touch the the button contacts on the circuit board (the button contacts are shown in the red box of the second picture). This can cause long-term damage to the radio unless you properly clean them (see [Repairing Motorola TALKABOUT FV700 Two Way Radio Button Contacts Guide](#)).

Step 9 — Motorola Talkabout FV700R Button Contact cleaning



- The button contacts can be seen in the red box of the picture.

Step 10



- Dip q-tip in rubbing isopropyl alcohol, and swab button contacts to clean.
- Note: Rubbing alcohol will evaporate, and does not need to be wiped off of contacts.

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