



# Motorola V557 Motherboard Replacement

This guide details the removal of the V557's motherboard.

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## INTRODUCTION

The motherboard acts as the "brain" of the phone. Any damage the phone sustains to this region generally causes major malfunctions; thus, you should take extra care while removing/replacing this piece.

### TOOLS:

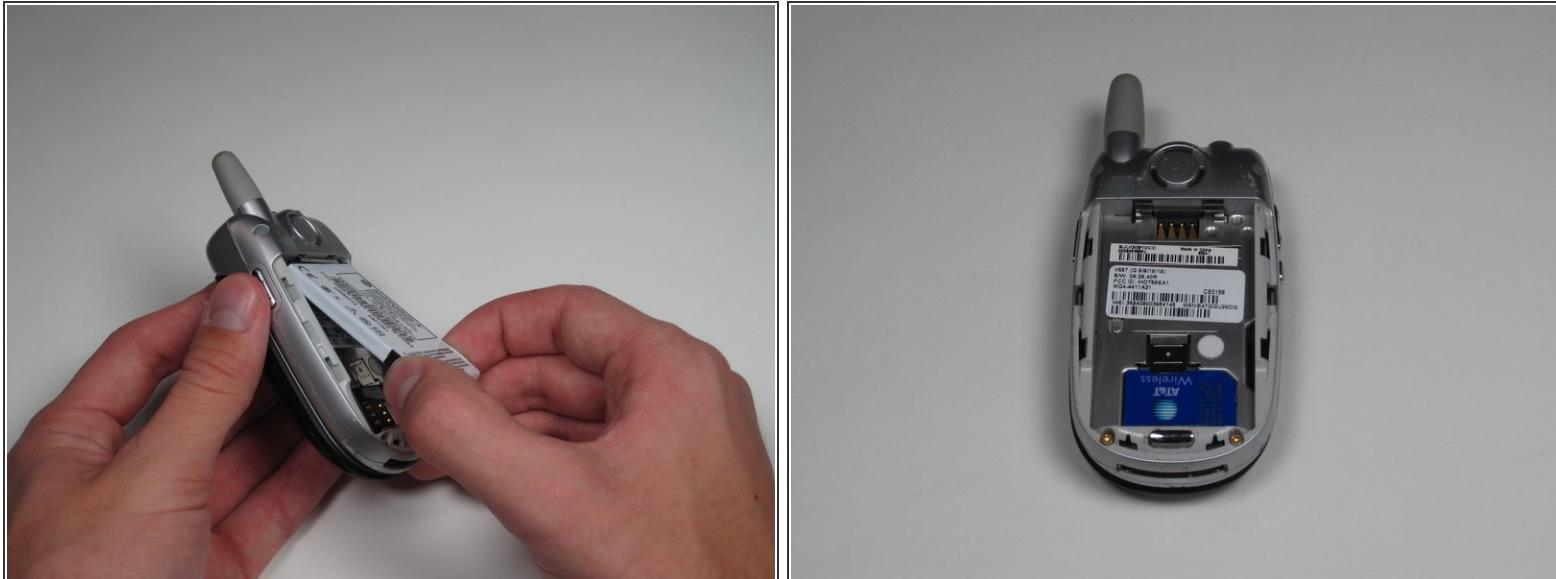
- [iFixit Opening Tools](#) (1)
- [Push Pin](#) (1)
- [Spudger](#) (1)
- [T6 Torx Screwdriver](#) (1)

## Step 1 — Battery



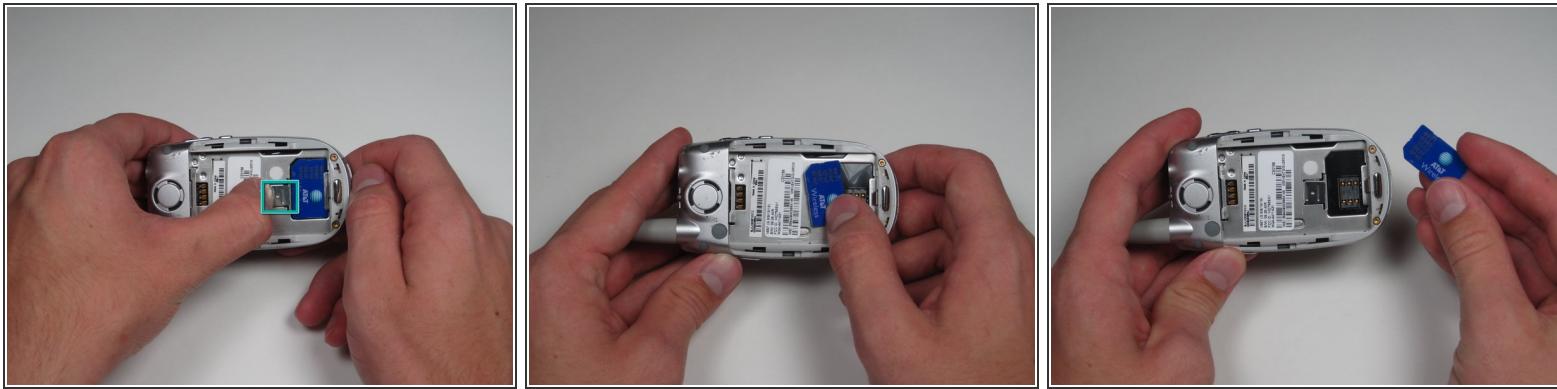
- Push down on the silver button while sliding the back plate down to reveal the battery.

## Step 2



- Grab the lower edge of battery at the black areas and pull upward on the edges to remove it.

## Step 3 — SIM Card



- Move the the metal slider towards the top of the phone until it clicks out of its original position.
- Slide out and remove the SIM card.

## Step 4 — Antenna



- Grip the antenna and twist it counterclockwise to loosen it.
- When it has been loosened all the way, pull gently to remove the antenna piece.

## Step 5 — Rear Casing



- Remove the screw covers over the two top screws by prying gently with a pin.
- The large cover in the upper left of the back plate has no screw behind it, so should *not* be removed.

## Step 6



- Remove all four 6.0 mm Torx screws.

## Step 7



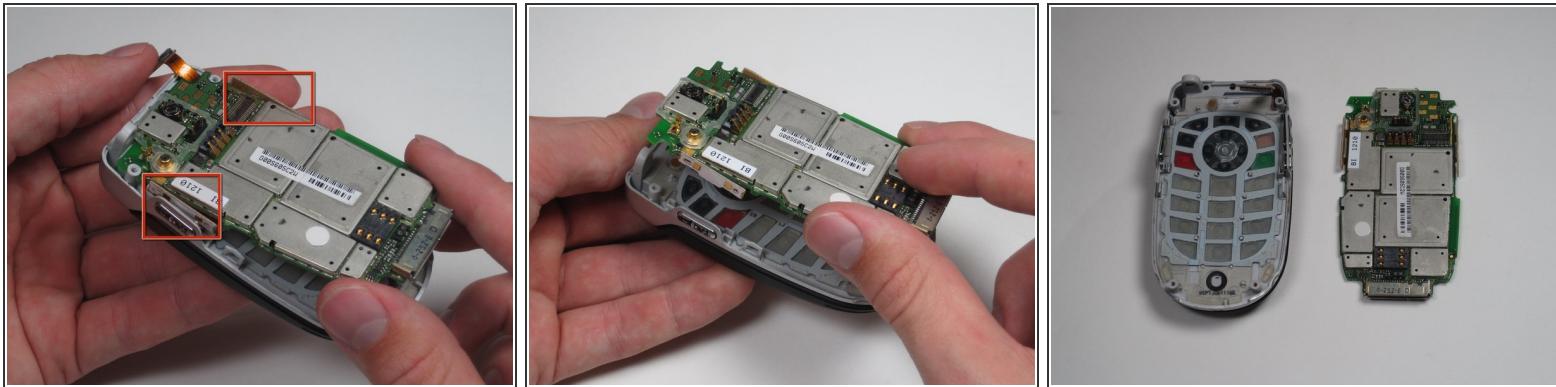
- Insert a spudger into marked holes, one at a time, and pry away from the phone to release internal tabs.
- Separate and detach the rear casing.

## Step 8 — Motherboard



- Separate the front ribbon cable from the board with a plastic opening tool.

## Step 9



- Make sure you don't break the ribbon cables that attach to the side buttons when removing the motherboard.
- Lift out the motherboard only after all cables have been disconnected. Try to touch it only from the sides.

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