



Ibanez 5 String Bass Model SR405QM Potentiometer Replacement

This guide will show you how to replace the potentiometer in order to improve sound level and quality of sound.

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INTRODUCTION

Follow these instructions to remove and replace a potentiometer on your guitar.



TOOLS:

- [3/8" Allen Wrench](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Soldering Iron](#) (1)
- [Smart Wrench](#) (1)



PARTS:

- [New Potentiometer](#) (1)

Step 1 — Battery



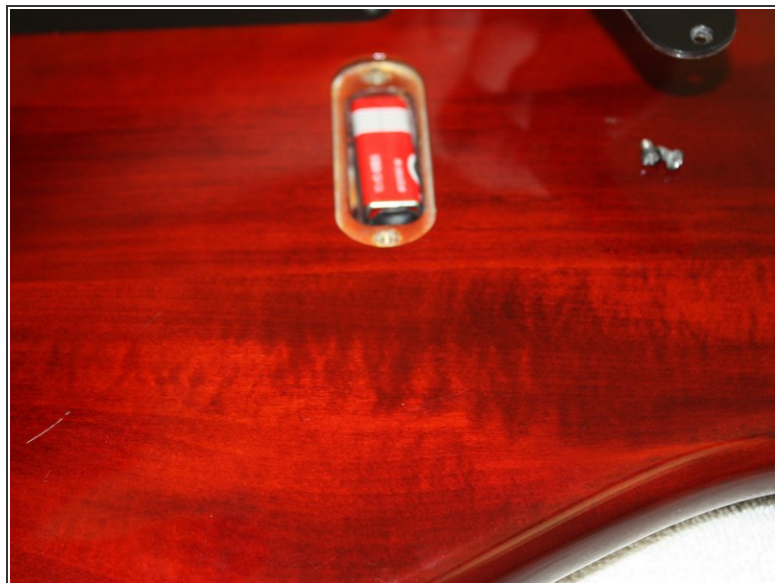
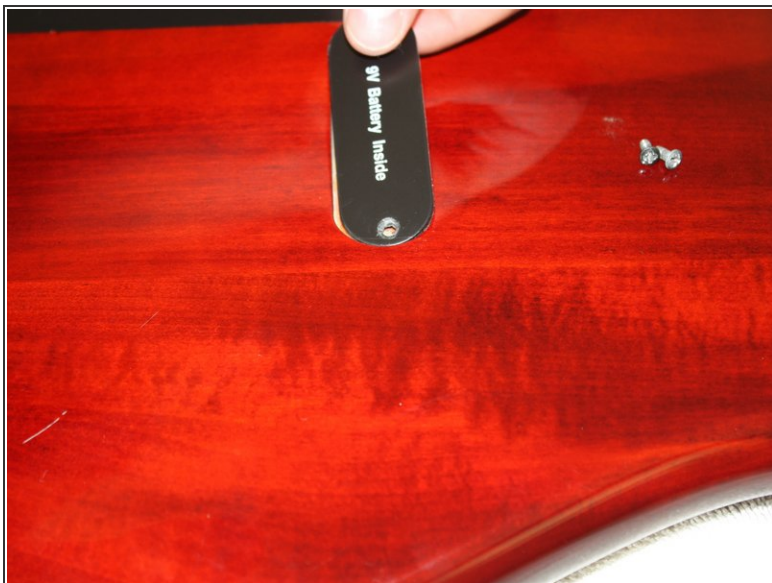
- Gently place the instrument upside-down on a soft surface.
- Locate the battery cavity cap and screws.

Step 2



- Use a Phillips head screwdriver to unscrew both screws. Two #1 1mm long screws.

Step 3



- Remove the cap by lifting upwards to reveal the battery.

Step 4



- Gently lift the battery from the cavity.
- Detach the battery completely by firmly pulling the fabric connector from the conducting end of the battery.

Step 5 — Back Plate



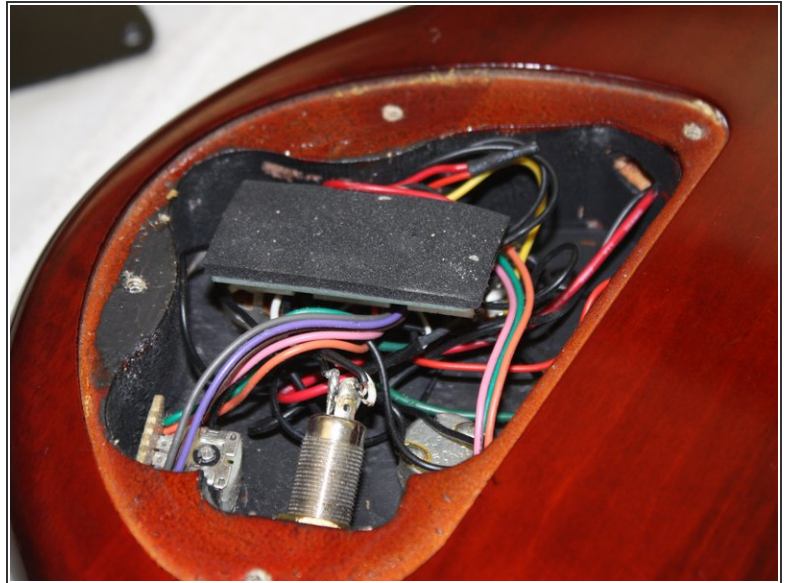
- Locate back plate cap and screws.

Step 6



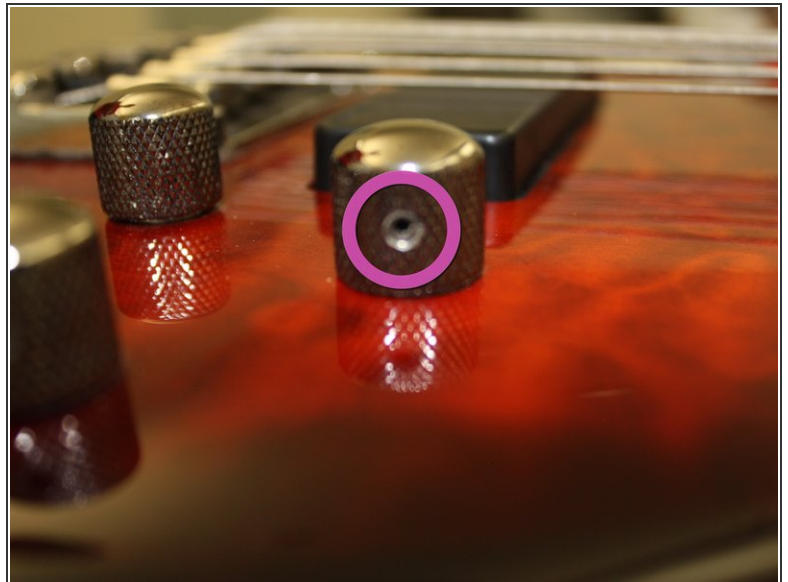
- Use a phillips head screwdriver to remove the four screws,#1-1mm, by turning the screws counter-clockwise.

Step 7



- Remove cap by lifting upwards, revealing the circuitry of the instrument.

Step 8 — Potentiometer



- Turn the instrument over.
- Locate the potentiometer knob.
- Locate the allen screw socket on the knob.

Step 9



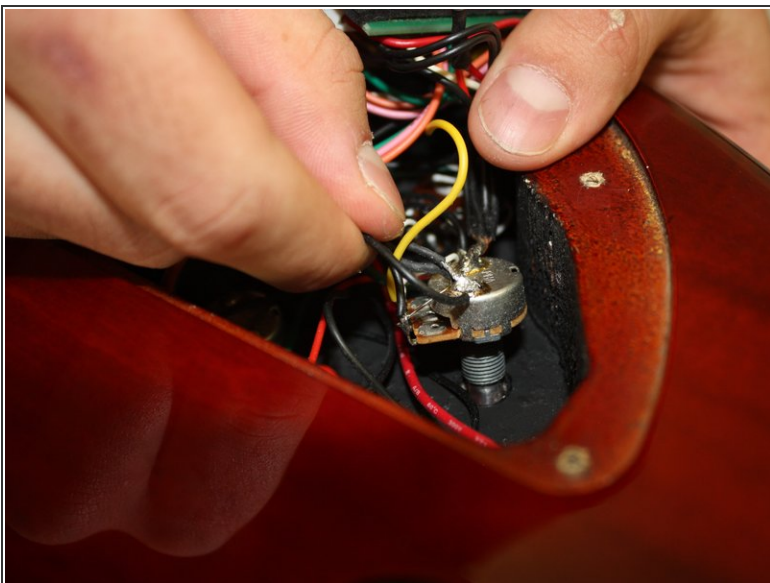
- Use a 1/16" allen wrench to loosen the allen screw.
- After the screw is loosened, lift the knob off of the instrument.

Step 10



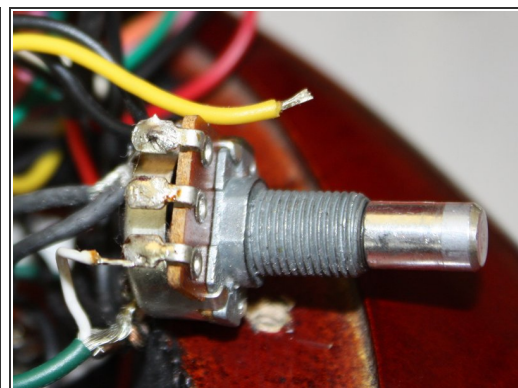
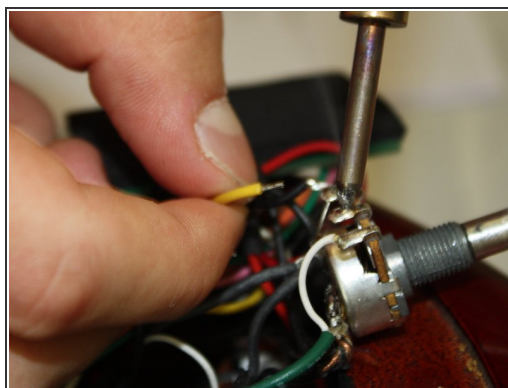
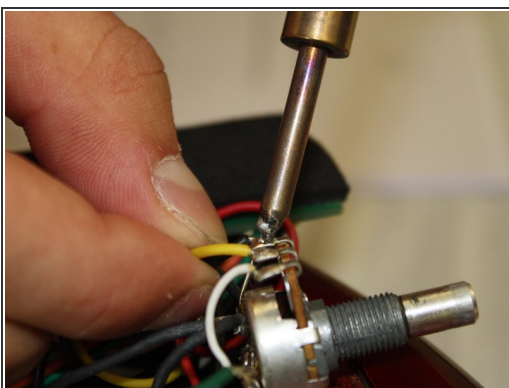
- Locate the potentiometer nut, at the base of the potentiometer piston.
- Use the adjustable wrench to remove the nut from the potentiometer.

Step 11




- Carefully turn the instrument over.
- Remove the potentiometer from the instrument by gently pulling it upward.

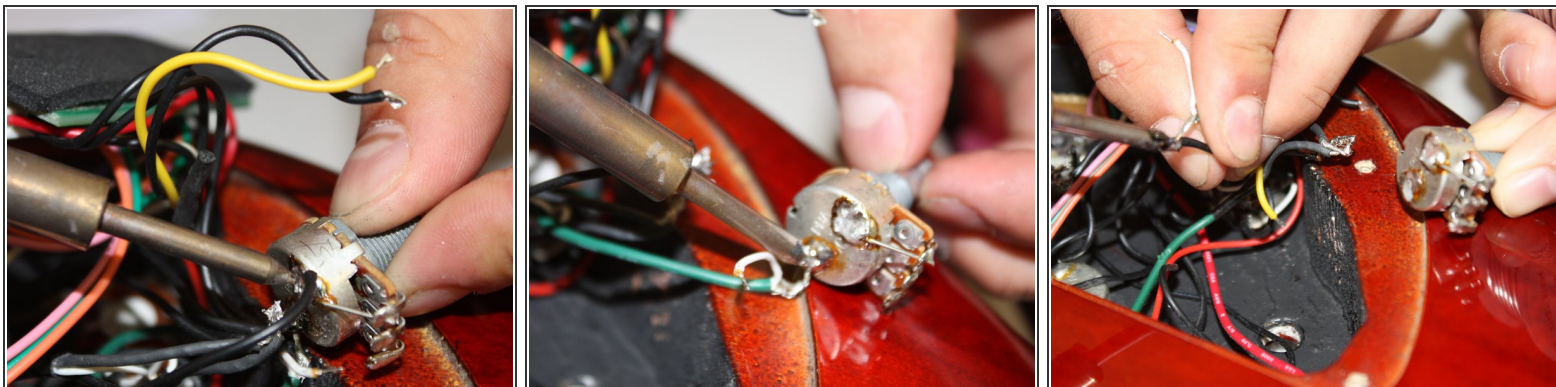
Step 12




- Use the [soldering iron](#) to release the black, yellow, and white wires from the side of the potentiometer.

 The soldering iron is extremely hot. Avoid contact with skin, fabric or the body of the instrument. When soldering iron is not in use, rest it on the soldering iron stand.

Step 13



- Use the soldering iron to release the black and green wires from the bottom of the potentiometer.

 The soldering iron is extremely hot. Avoid contact with skin, fabric or the body of the instrument. When soldering iron is not in use, rest it on the soldering iron stand.

To reassemble your device, follow these instructions in reverse order with a new potentiometer.