



# ArmorAll AA255 Motor Replacement

This guide shows how to disconnect and replace the vacuum motor of your ArmorAll AA255.

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## INTRODUCTION

The device will be disassembled down to the motor, the power cords will be disconnected, and the motor removed of your ArmorAll AA255.

### TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [T20 Torx Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)

## Step 1 — Lower Motor Housing



- Remove the orange main housing unit from the vacuum bucket by pulling outward on the handle tabs while lifting upward as shown.

## Step 2



- Remove the five 15mm PH2 screws.

## Step 3



- Remove the 15 mm T20 screw. This screw is located nearest the power cord.

## Step 4



- Gently separate the upper and lower sections of the main housing.

## Step 5 — Motor



- Use a PH2 screwdriver to remove the five 15mm screws on the ball cage under the main housing.
- Pull the ball cage to remove it from the main housing.

## Step 6



- Remove one 13mm nut from the main housing.

**⚠** The metal ring under the nut has sharp edges. You may need to use a tool such as pliers to prevent injury.

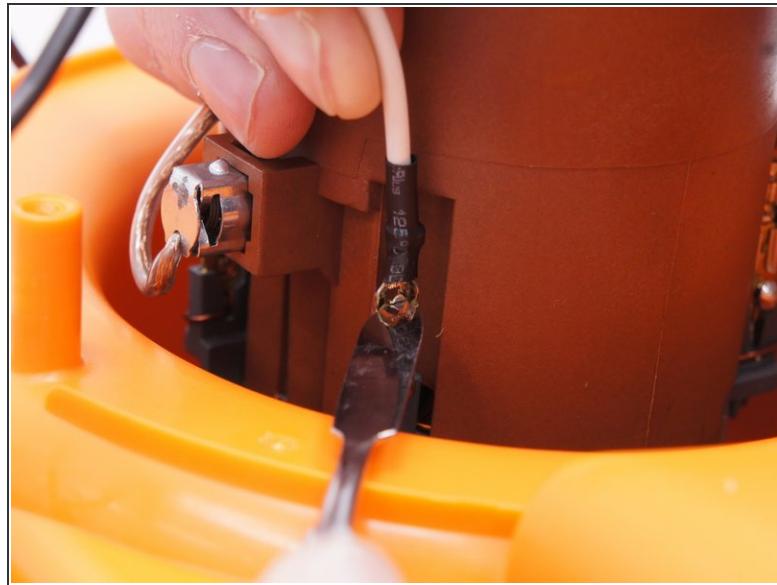
- Remove metal ring from the main housing.
- Use a PH2 screwdriver to remove the four 12mm screws from the main housing.

## Step 7



- Turn the whole body over to separate motor cover.
- Use a PH2 screwdriver to remove the five 15mm screw.
- Remove the white power wire from the motor cover.
- Pull the motor cover from the main housing.

## Step 8



- Use a plastic opening tool to remove two cables from the motor. One white cable is from the power cord, and one black cable is from the switch.

**⚠** When working with electronics, it's important to choose a tool that's ESD-safe to avoid accidental damage to the device. The regular black nylon spudger or a plastic opening tool should be used whenever possible.

**★** You may need to mark the color of the wire on each terminal for reassembly.

## Step 9



- The motor is ready for replacement. Pull the motor to separate.

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