



# Casdon Dyson Ball Ball Motor Replacement

This guide will demonstrate how to replace the ball motor on the Casdon Dyson Ball vacuum.

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## INTRODUCTION

Using a PH00 screwdriver, wire cutters and a soldering station, this guide will show the steps necessary to replace the ball motor.

### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Soldering Iron](#) (1)
- [Flush Wire Cutters](#) (1)

## Step 1 — Battery



- Remove one 9.2mm (0.36 in) screw using the PH00 screwdriver.
- Remove the battery cover by pulling it away from the vacuum once the 9.2mm (0.36 in) screw is removed.

## Step 2



- Remove batteries from the vacuum by pulling them out and away from the vacuum.

## Step 3 — Casdon Dyson Ball Disassembly



- Remove all seven 9.2mm (0.32 in) screws on the back of the vacuum.

## Step 4



- Remove the front side covers by pulling them away from the vacuum.

## Step 5



- Separate the battery compartment from the ball and bead cylinder by sliding the vacuum ball away from the battery compartment.

## Step 6



- Separate the bead cylinder and the fan compartment by pulling the bead cylinder away from the fan compartment.

## Step 7



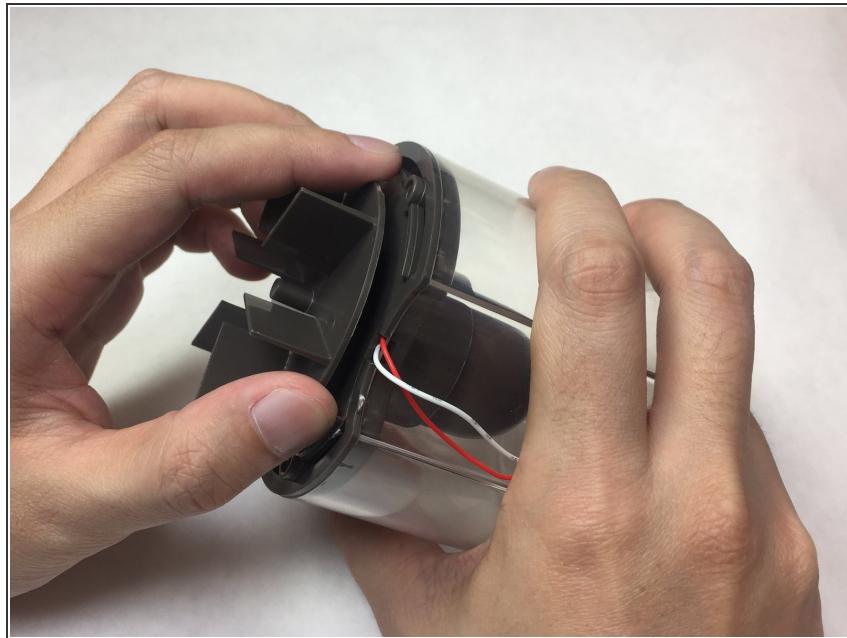
- Remove beads from the container.

## Step 8 — Ball Motor



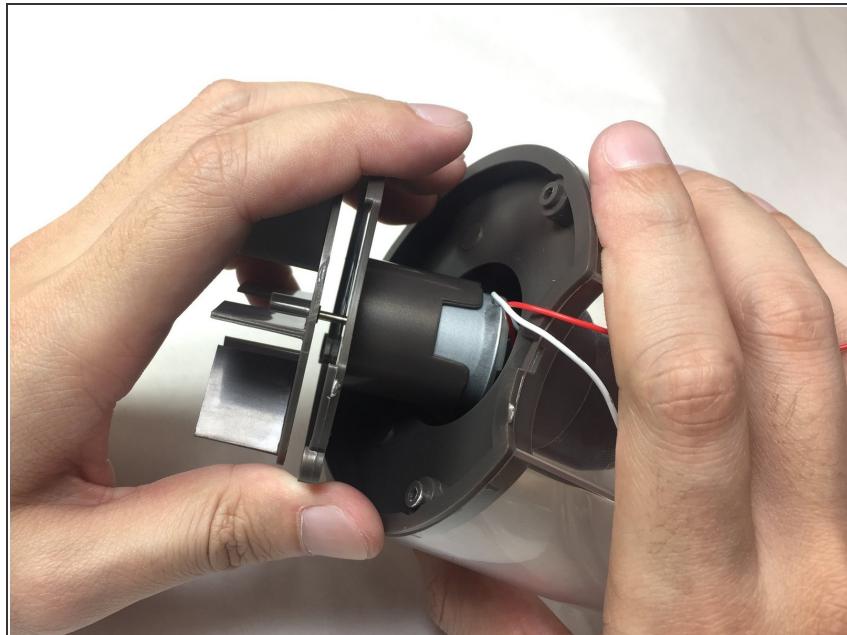
- Remove the three 11.5mm (0.45 in) screws at bottom of bead cylinder container using the PH00 screwdriver.

## Step 9



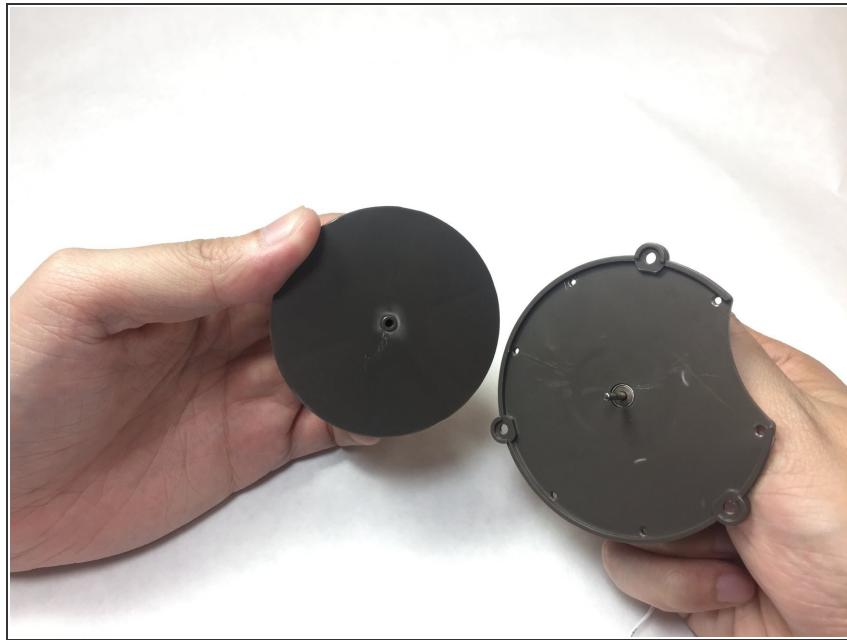
- Remove the bead cylinder and motor mount from the vacuum ball.

## Step 10



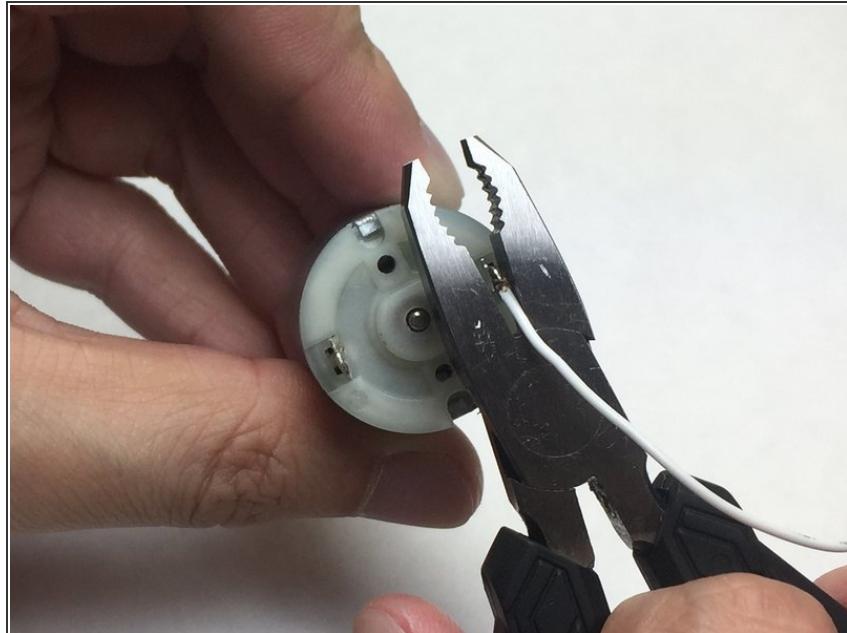
- Separate the motor mount from the bead cylinder by pulling the motor mount away from the bead cylinder.

## Step 11



- Separate the fan from the motor shaft by pulling the fan away from the motor.

## Step 12



- Cut the wires to the faulty motor using wire cutters.

## Step 13



- Remove and replace the faulty ball motor with a new one.
- ☒ Solder the new ball motor's wires to the vacuum's wires which were previously cut.

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