Casdon Dyson Ball Ball Motor Replacement

Using a PH00 screwdriver, wire cutters and a...

Written By: Seldon Price

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 Cutter (1)

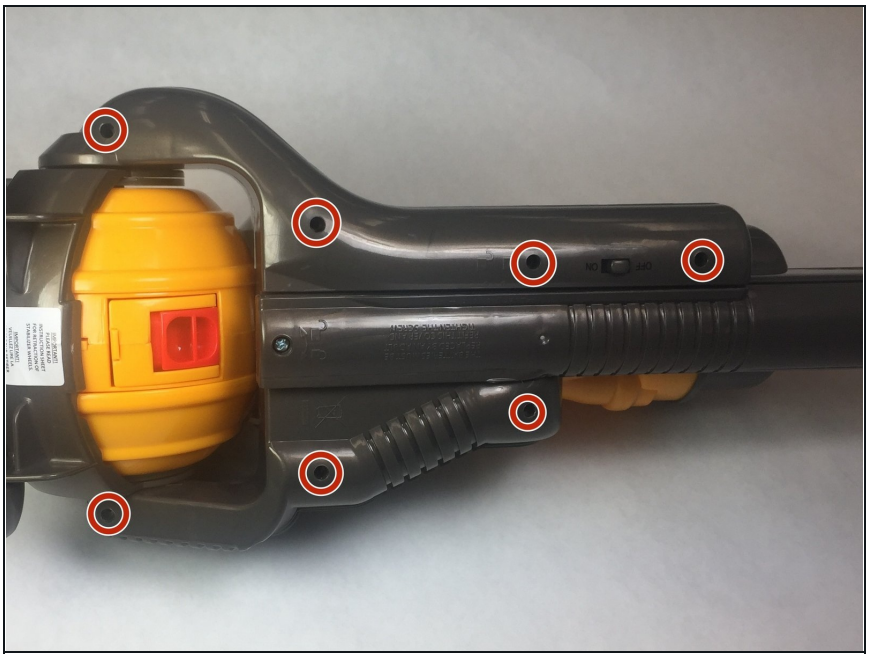
Step 1 — Battery

- 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.

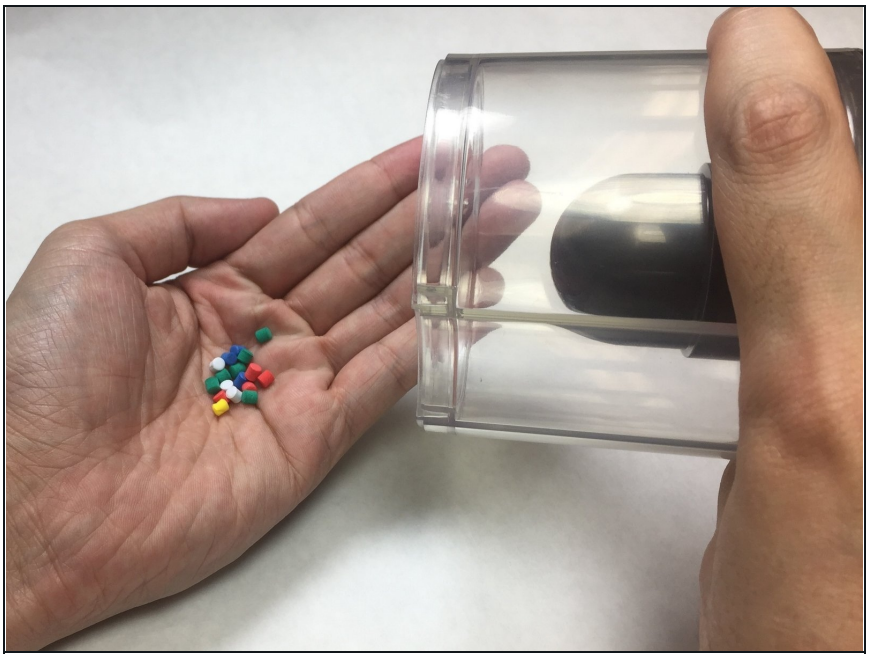
Step 5

- 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

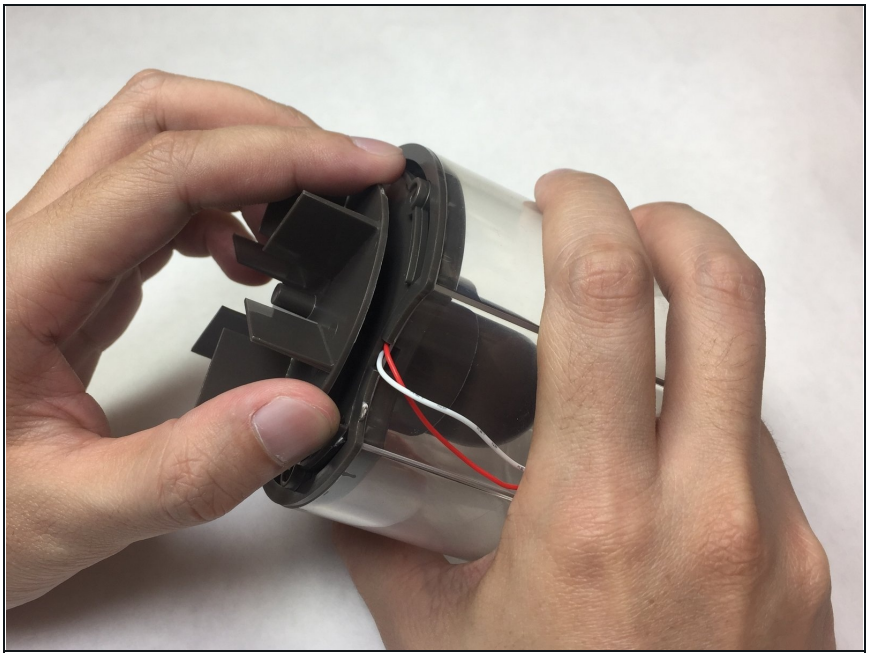


- Remove beads from the container.

Step 8 — Ball Motor

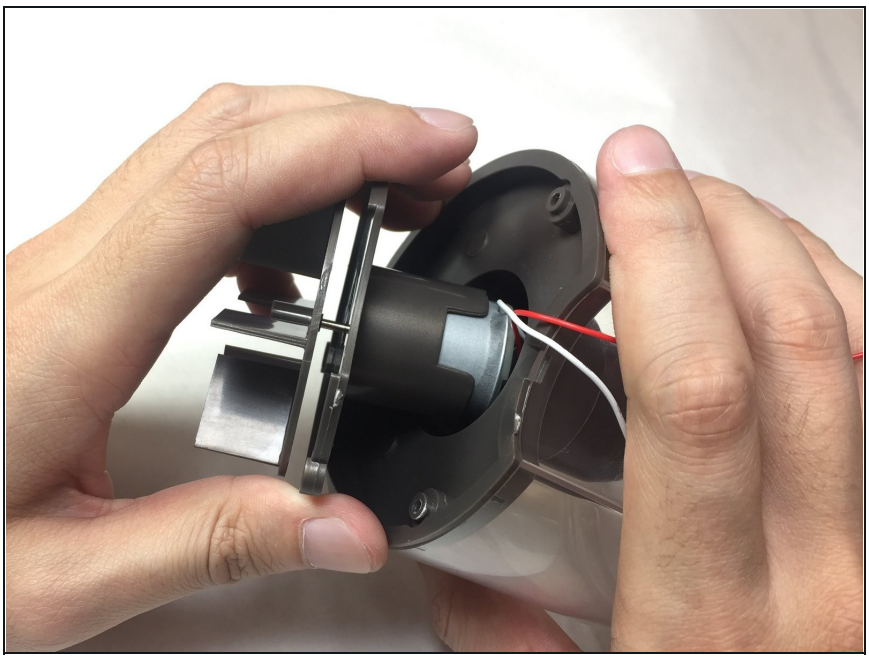
- Remove the three 11.5mm (0.45 in) screws at bottom of bead cylinder container using the PH00 screwdriver.

Step 9



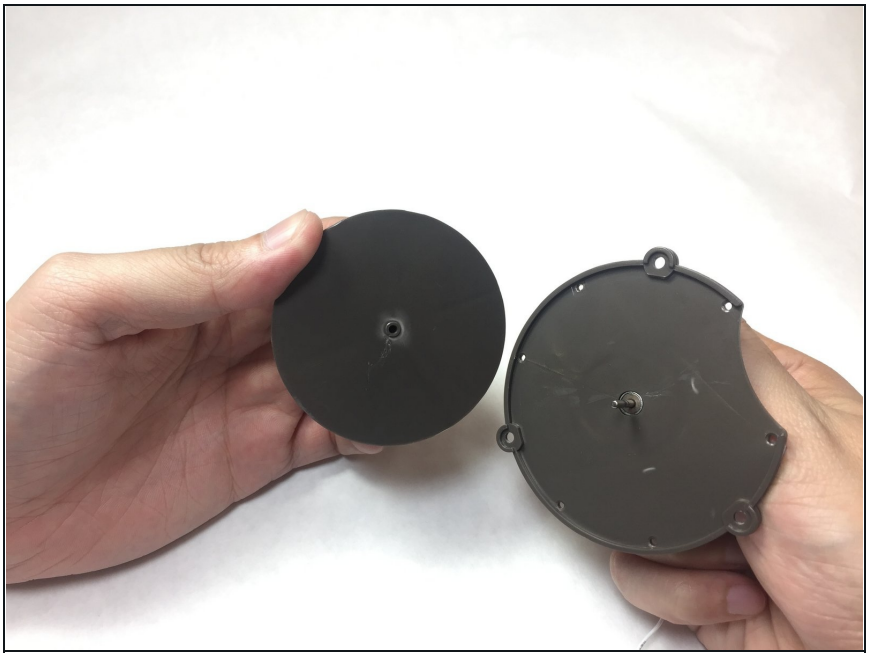
- Remove the bead cylinder and motor mount from the vacuum ball.

Step 10



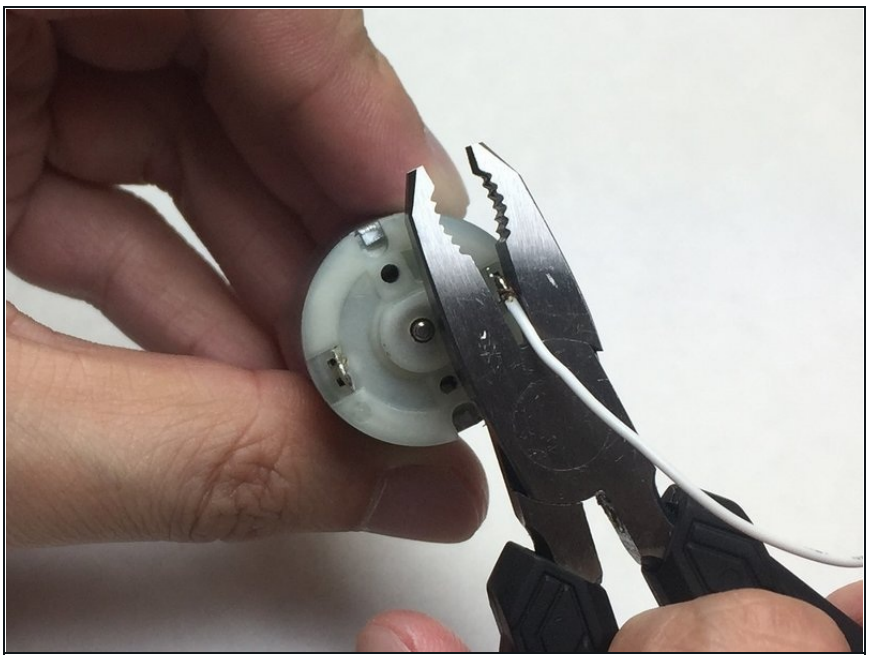
- Separate the motor mount from the bead cylinder by pulling the motor mount away from the bead cylinder.

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.