



# Dyson Cinetic Animal Ball Motor Replacement

Dyson Cinetic Big Ball Animal Vacuum motor...

Written By: Alexandria Pompeii



## INTRODUCTION

Dyson Cinetic Big Ball Animal Vacuum motor replacement guide.

This guide will explain how to disassemble and replace a new motor in your Dyson Cinetic Big Ball Animal vacuum.

The motor is the piece within the vacuum that allows spinning for collection of dust, dirt, hair, etc.

Signs that may indicate that your vacuum needs a motor replacement:

- brush is no longer spinning
- suction is non existent or relatively weak
- unusual noises
- unusual or unpleasant smell
- vacuum is not picking up particles

---

### TOOLS:

[T6 Torx Screwdriver](#) (1)  
[Flush Cutter](#) (1)  
[Soldering Iron 60w Hakko 503F](#) (1)

### PARTS:

[Dyson DC47 Cinetic Animal Motor](#) (1)

---

## Step 1 — Release the canister



- Press the gray button to release the canister.

## Step 2 — Remove the canister



- Remove the canister by lifting it out.

### Step 3 — Unscrew the base plate



- Find and remove the four 21.5mm screws on the bottom that hold the base plate on using a T15 Torx bit.

### Step 4



- Locate and remove the 21mm screws for each wheel on the ball using a T15 Torx bit.
- Remove the plastic disc.

## Step 5 — Unscrew the plastic enclosure



- Locate and remove the five 22mm screws on each side of the ball that keep the plastic enclosure together using a T15 Torx bit.

## Step 6 — Open up the plastic sphere



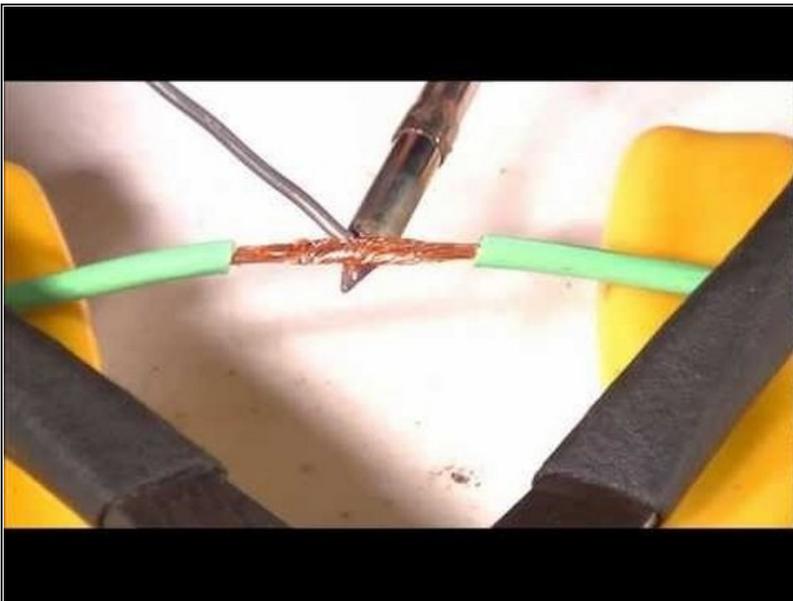
- Remove the bottom half of the plastic sphere to reveal the motor.

## Step 7 — Remove the motor



- Carefully slide the motor out of its housing in the ball.
- Cut the two wires near the side of the motor using wire cutters.

## Step 8 — Install the new motor



- Install the new motor by splicing in the wires.
- 📺 Watch this video by NJprepper321 on how to splice together wires if you are unsure on how to do this.
- ⓘ Make sure to match the wires on the motor with the correct wires in the vacuum.

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