



Dyson DC14 Motor Replacement

This guide will show you the necessary steps to...

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INTRODUCTION

This guide will show you the necessary steps to replace the motor in your Dyson DC14 Vacuum. This is a lengthy process; you should set aside a good amount of time to finish this guide in one attempt.



TOOLS:

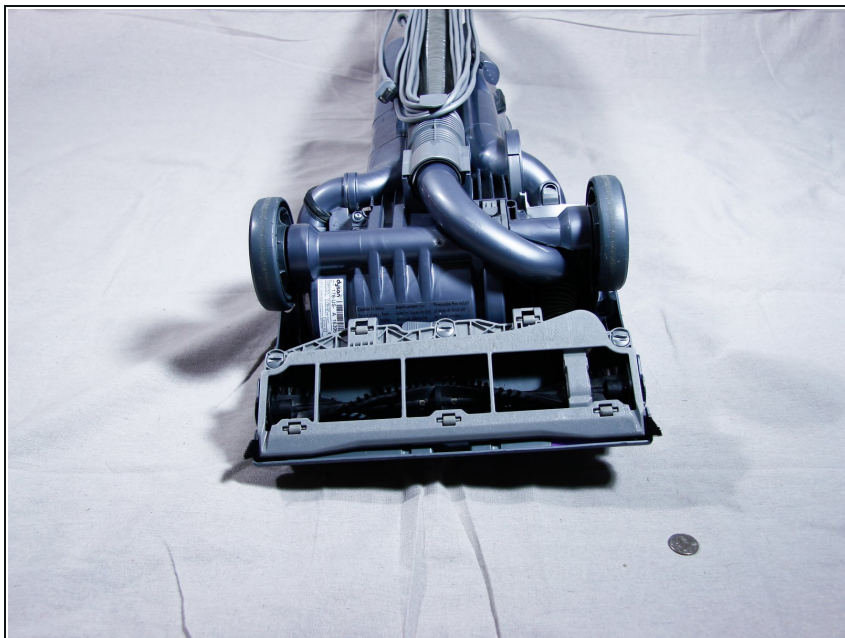
6-in-1 Screwdriver (1)
Hammer (1)
Tournevis Torx T15 (1)



PARTS:

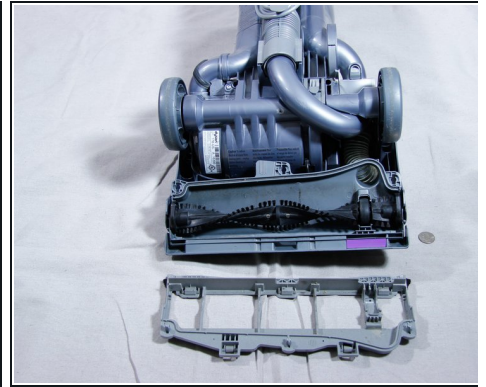
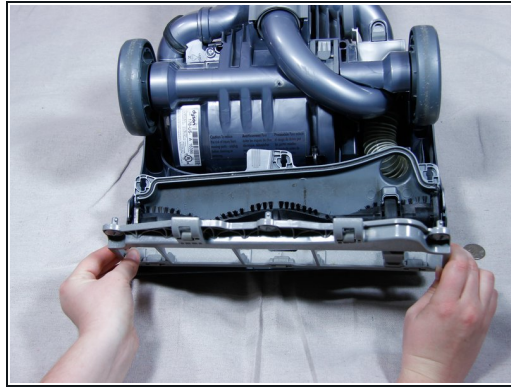
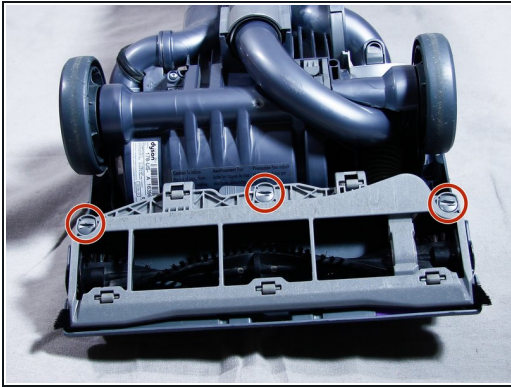
Dyson DC07, DC14, DC33 Motor (1)

Step 1 — Brush Bar



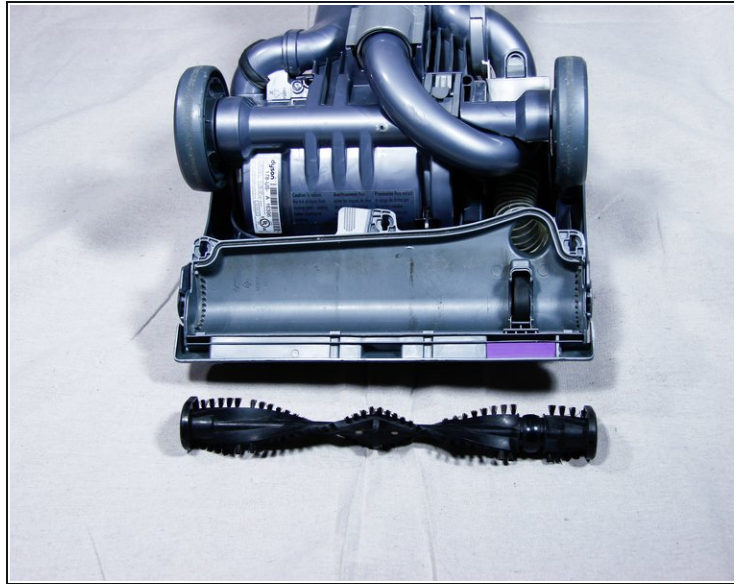
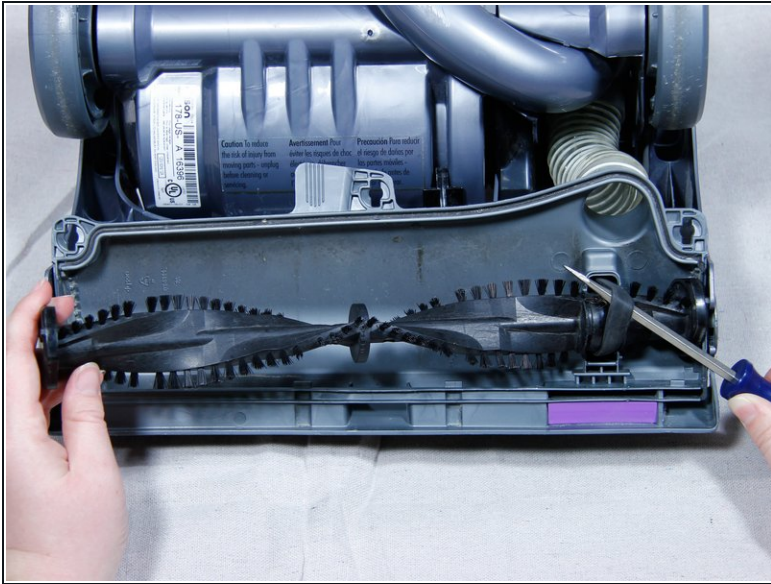
- ❗ Turn off the vacuum and unplug it from the outlet.
- Lay the vacuum on its top so that the brush bar faces you.

Step 2



- Using a quarter, turn the three soleplate fasteners 90 degrees to the left.
- Holding the soleplate on both sides, tilt it down and away from the vacuum.
- Remove the soleplate from the vacuum.

Step 3



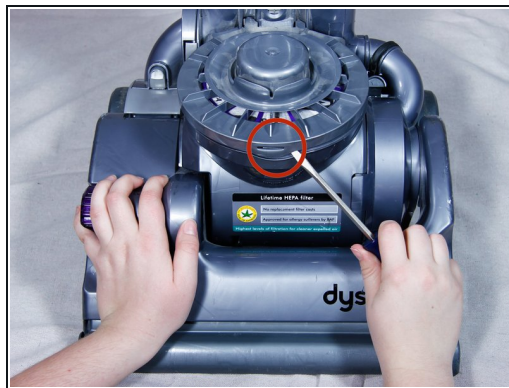
- Turn down the squared tabs on the brushbar so that they face outward.
- Use a screwdriver to pry the belt up from the brushbar.
 - ⚠ Be careful not to cut the belt with the screwdriver.
- While holding the belt, pull the brushbar to the left and remove it from the vacuum.
 - ⓘ You can let go of the belt when it's free from the brushbar. The belt will not retract into the vacuum.
- ✦ During reassembly, insert the brushbar with the tabs facing outward, then rotate the tabs up to lock the brushbar in place.

Step 4 — Motor



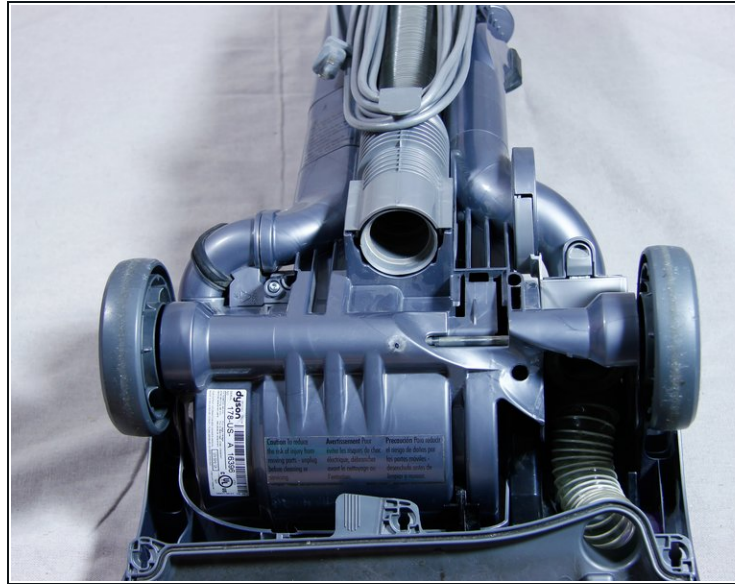
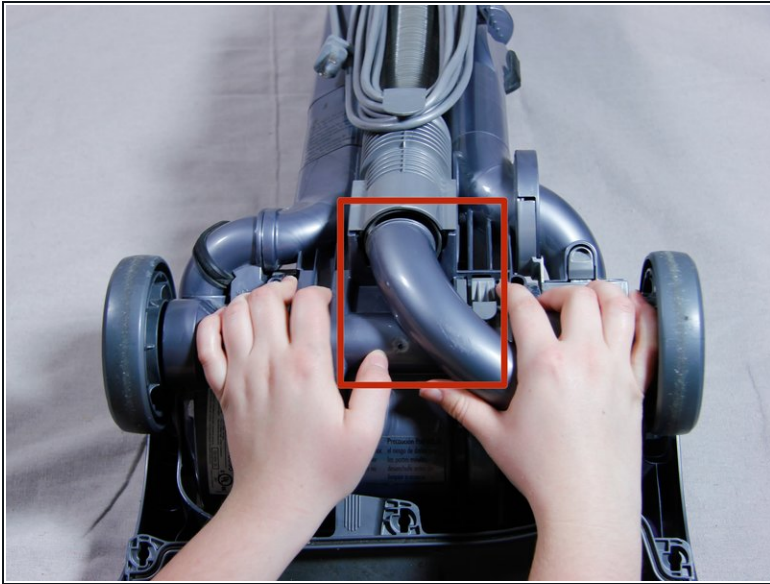
- Place vacuum upright, with the canister facing you.
- Remove the canister, setting the canister aside.

Step 5



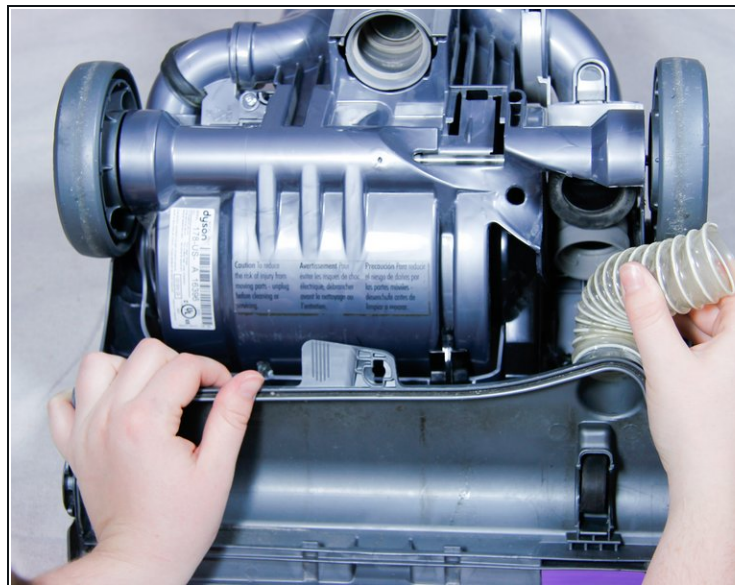
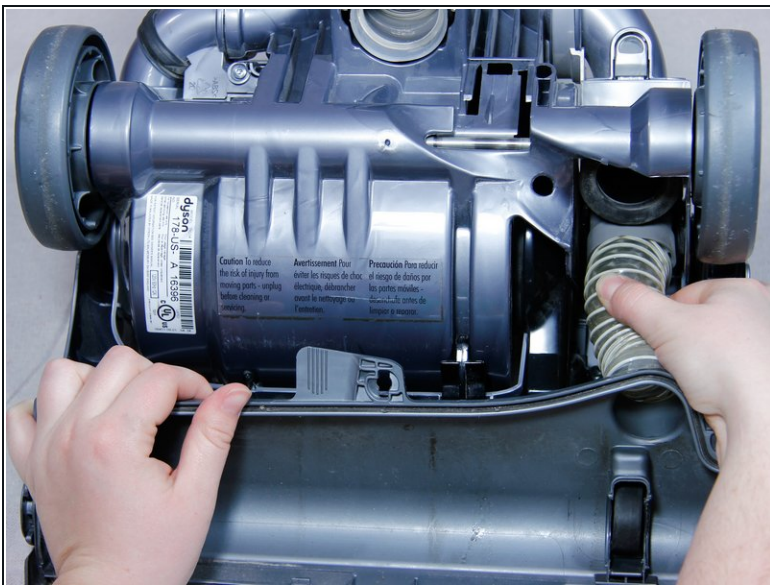
- Insert flathead screwdriver under each latch and pry up gently.
⚠ Do not try to lift the latches up very far, they could snap off!
- Open the cover, remove the exhaust filter, and set the filter to the side

Step 6



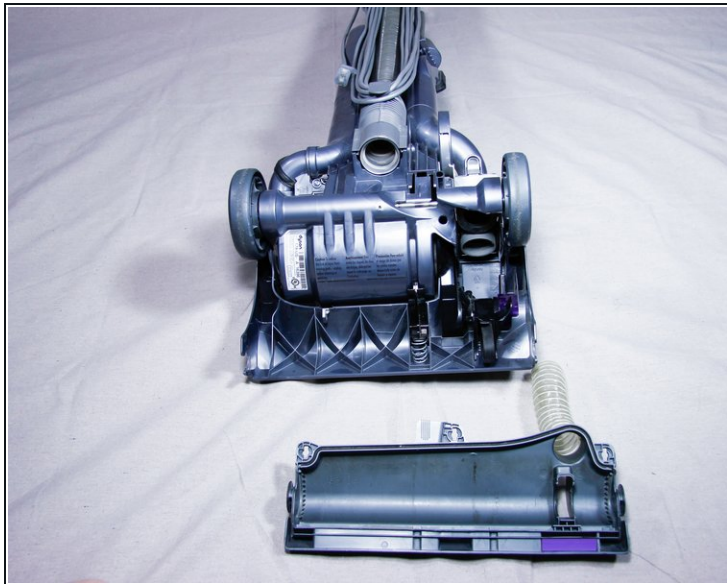
- Place vacuum face down.
- Remove the u-bend pipe that connects the canister to the telescopic wand.

Step 7



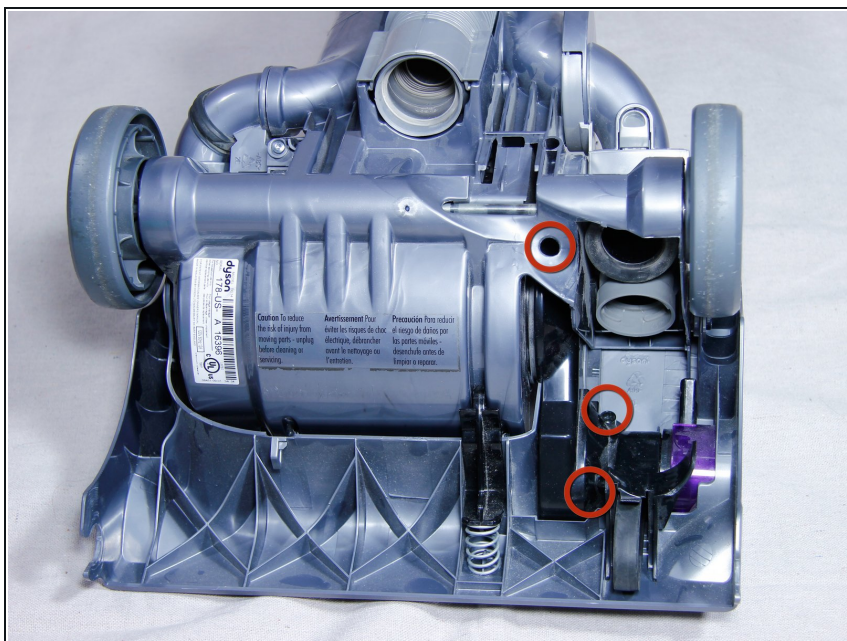
- Pull the clear hose out of the gasket on the right side of the vacuum under the axle.
- Pull the hose straight back towards you.

Step 8



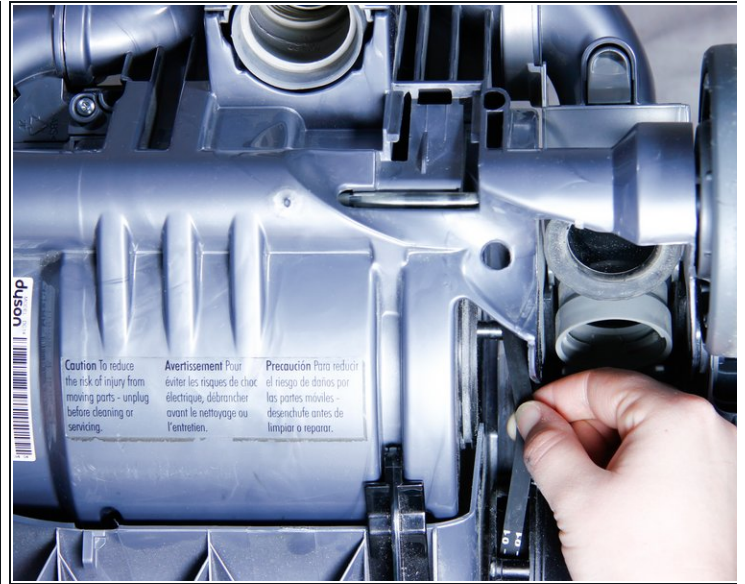
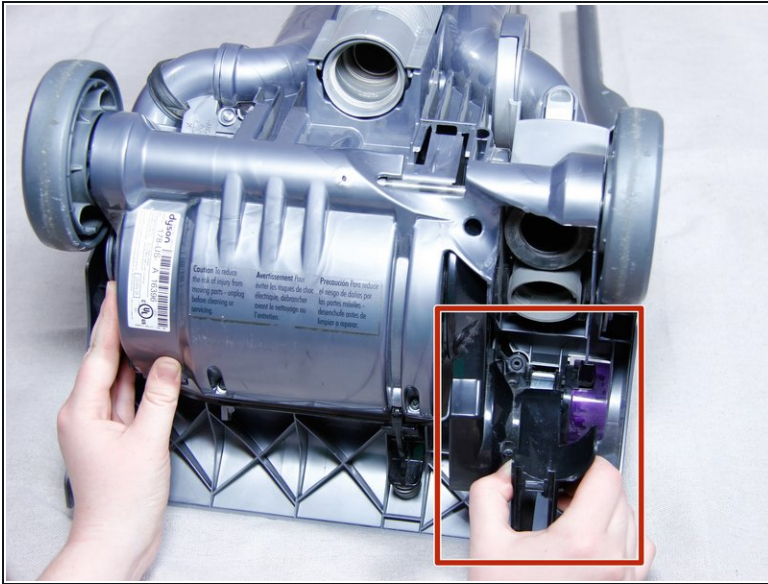
- Remove brush-bar housing by prying the housing out of the clips that hold it.
- Pull brush-bar housing toward you while keeping vacuum stationary.

Step 9



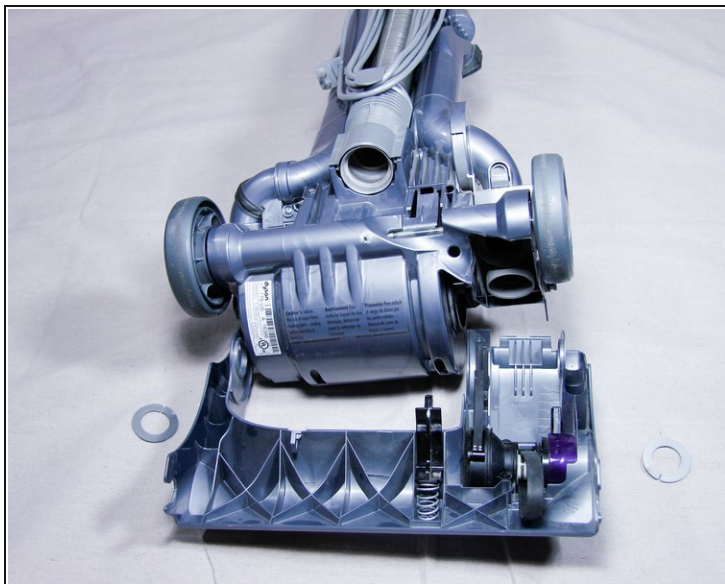
- Remove the three T15 torx screws that secure the cover to the brush clutch belt.

Step 10



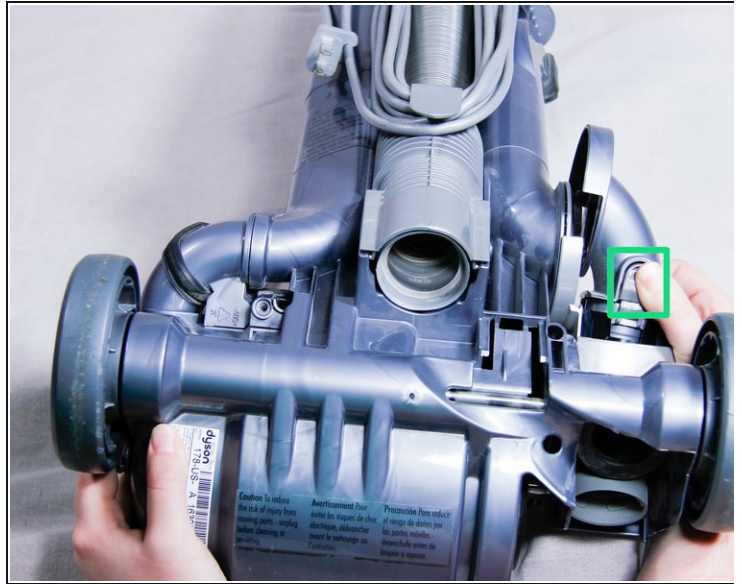
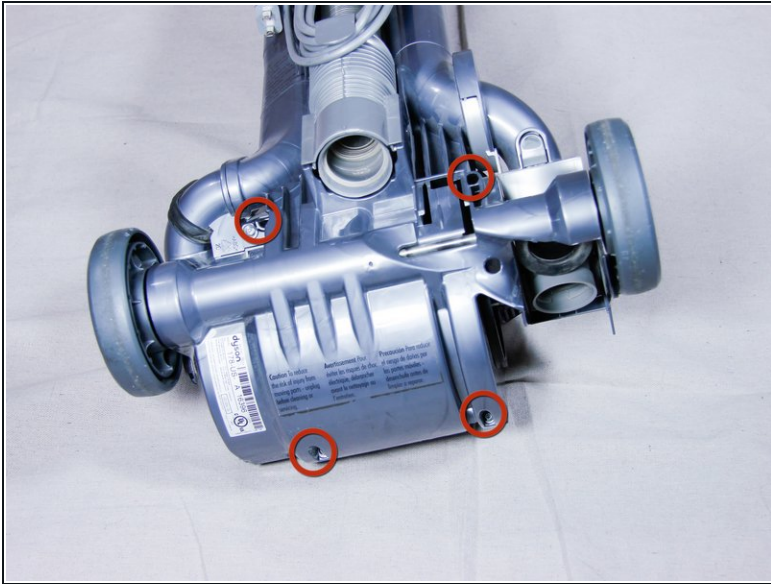
- Pull the cover of the brush clutch belt out towards you.
- Pull belt to the right to remove the belt from the brush clutch axle.
- ☑ To reassemble your vacuum, pull the belt with your finger towards the axle. (Using a screwdriver, or a similar device, will delay access to the axle.)

Step 11



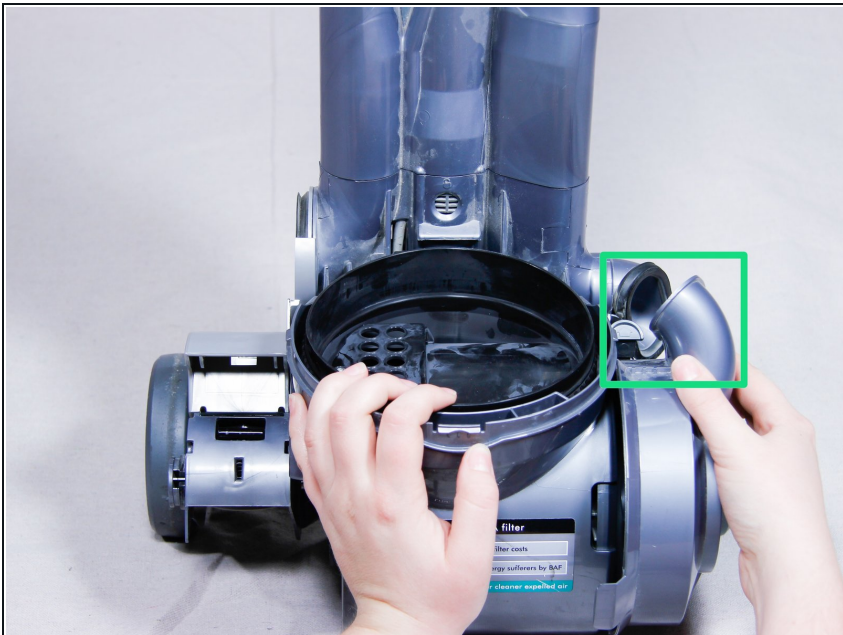
- Insert a flat-head screwdriver into the two locking rings to remove the rings, which are located above the wheels on both sides.
- These rings secure the bottom assembly of the vacuum to the rest of the unit.

Step 12



- Remove the four T15 torx screws that secure the motor housing to the vacuum.
- Remove the elbow-bend pipe on the right-side of the vacuum.
 - Press the two release latches on either side of the elbow-bend pipe. Pull it out and away from the vacuum.

Step 13



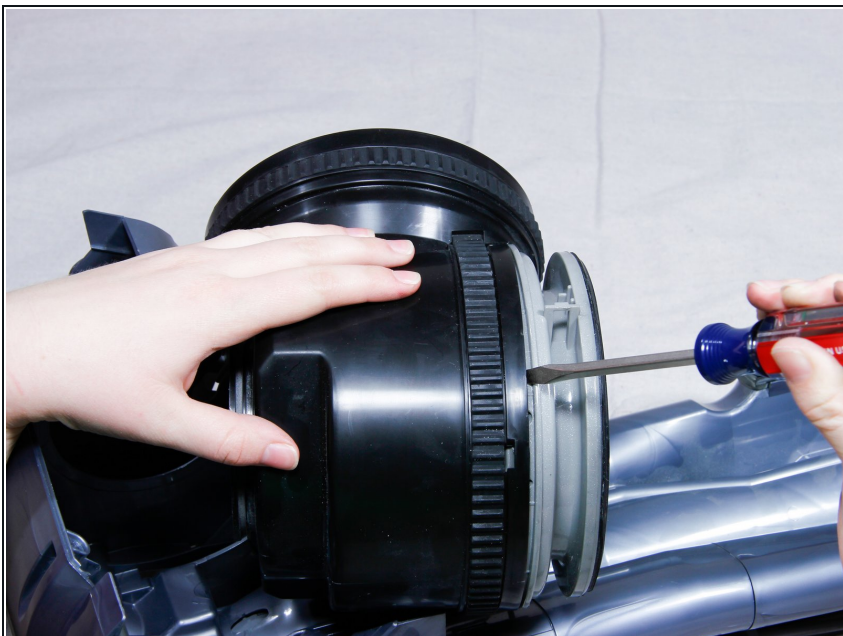
- Place the vacuum right-side up and leave it standing up.
- Remove the right side cover by pushing the release latch down while lifting the cover towards you.

Step 14



- Set vacuum the on its back.
- Pull away the plastic cover of the motor housing.
- ⓘ A bit of force may be needed.

Step 15



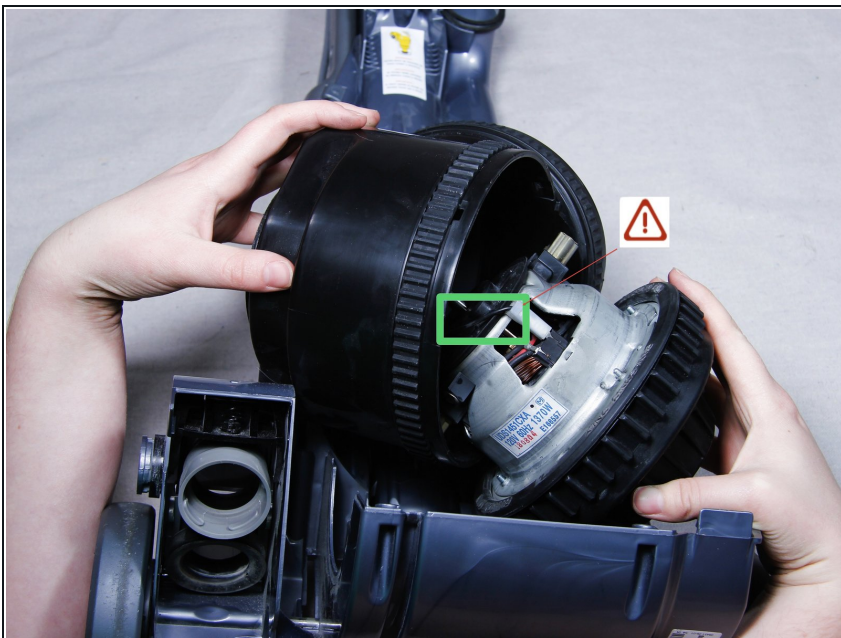
- Insert flat head screwdriver between gray motor housing and black motor.
- Pry motor cover housing away.

Step 16



- Release the motor assembly from its housing by strongly hitting the brush clutch axle with a hammer.
- ⓘ The rubber grommets covering the motor may be greasy.

Step 17



- Remove motor from housing slowly.
- ⚠ Do not pull the motor completely out of the housing. The motor is connected to the vacuum by two wires.

Step 18



- Remove the power terminals from both sides of the motor.
 - ⚠ Do not pull by the wires when removing terminal. This can result in damage to your vacuum.
 - ★ These terminals will only fit one way (i.e. only one end is long enough to reach to the far side of the motor).
- Remove the motor from the housing completely.

Step 19



- Remove the two rubber grommets from your old motor, then transfer them to your new motor.

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