Disassembling KitchenAid Classic Mixer K45SSWH Motor Housing Cover

Removing the motor housing cover is a prerequisite for many internal repairs and replacements on the KitchenAid Classic Mixer.

Written By: Chris Gonzales

www.iFixit.com

INTRODUCTION

In this guide, you will learn how to disassemble the motor housing cover.

🔧 TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [Hammer](#) (1)
- [Flathead Screwdriver](#) (1)
- [Pin Punch](#) (1)
  1 mm
- [Spudger](#) (1)
- [Putty knife](#) (1)

This document was generated on 2019-12-14 09:41:42 PM (MST).

www.iFixit.com

Step 1 — Motor Housing Cover

- Using a spudger, gently pry off the aluminum drip ring.

Step 2
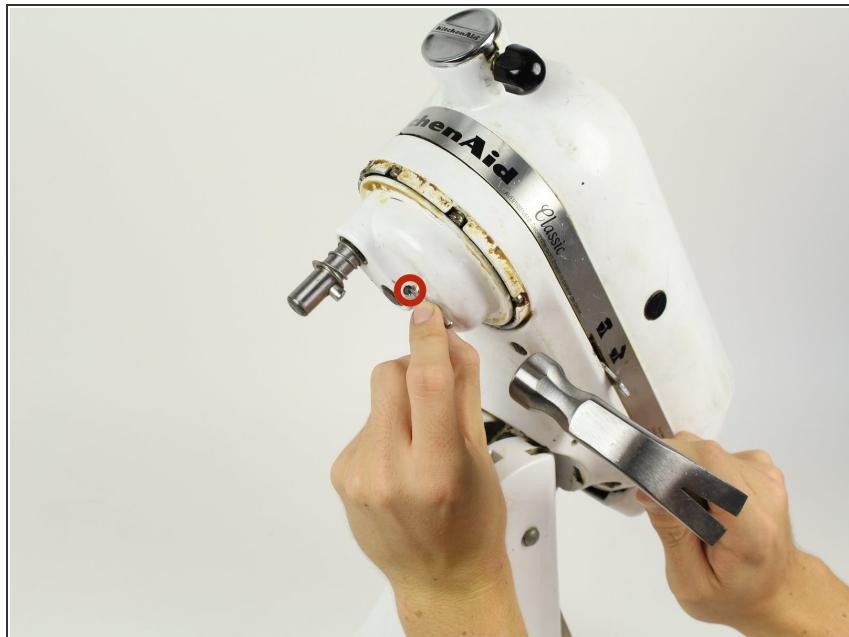
- Using a 4 mm pin punch and hammer, hammer the pin until it is dislodged from the planetary gear cover.

This document was generated on 2019-12-14 09:41:42 PM (MST).

Step 3

- Using a spudger, pry the planetary gear cover from the mixer shaft.

Step 4

- Using a flathead screwdriver, remove the five 28 mm front motor housing screws.

- Using the same flathead screwdriver, remove the two 28 mm locking screws.

⚠ One of the locking screws contains a safety locking mechanism. Do not interchange these screws with the front motor housing screws.

Step 5
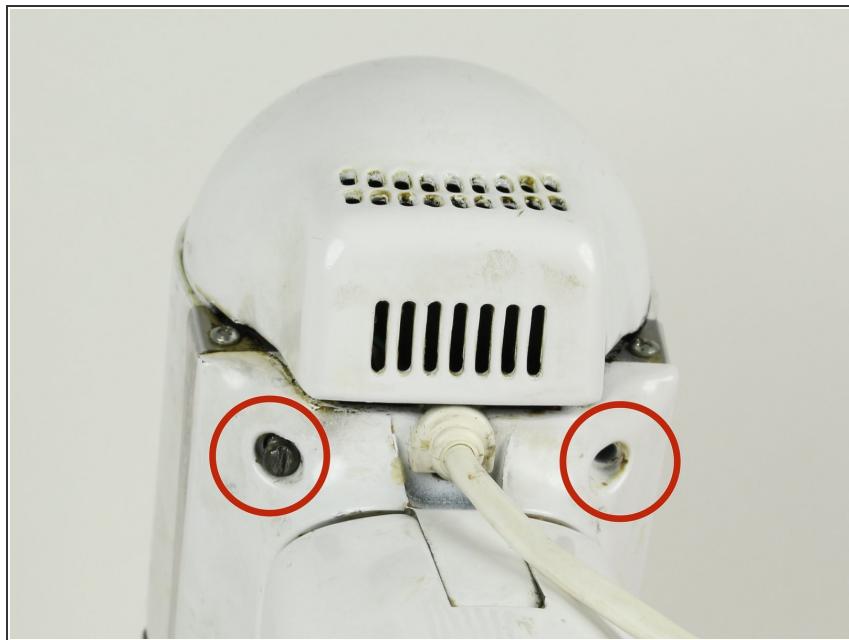
- Turn your device around. Using the same flathead screwdriver, remove the two 28 mm rear locking screws.

- ⚠ One of the rear motor housing screws contains a safety locking mechanism. Do not interchange these screws with the front motor housing screws.

Step 6

- Using a Phillips #2 screwdriver, remove the 10 mm screw from top of back cover.

- ⓘ The rear cover is now completely free from the mixer.

This document was generated on 2019-12-14 09:41:42 PM (MST).

Step 7
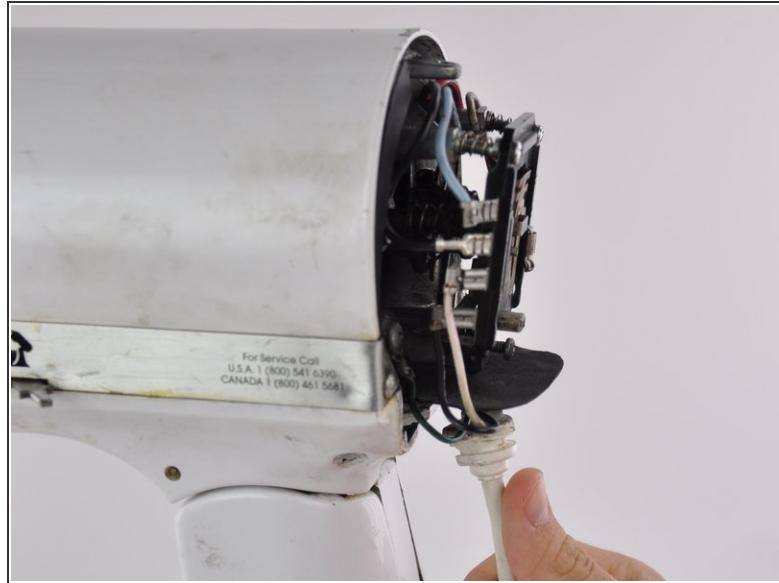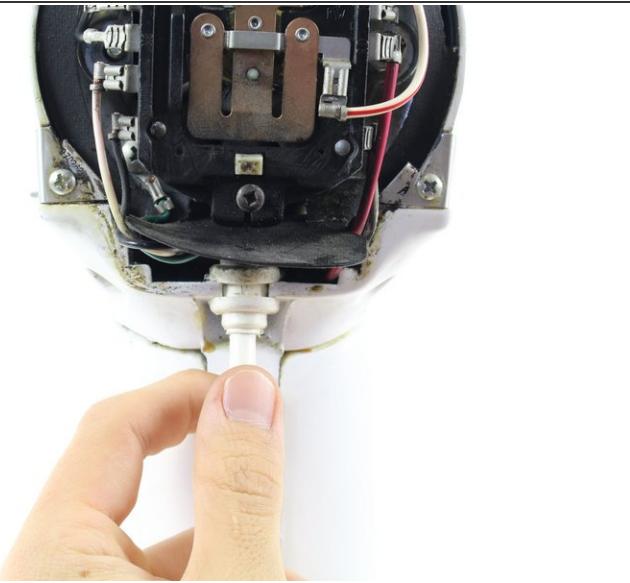
- Carefully pull the power cord from the notch in back of the mixer.

- (i) The motor housing cover is now completely free from the base of the mixer.

Step 8

- Lift the motor housing cover from the mixer base.

- ⚠ Be sure to place the cover upside-down to prevent grease from leaking out.

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

This document was generated on 2019-12-14 09:41:42 PM (MST).