# iFixit

# WowWee MiP Robot LED Light Replacement

The LED light on the MiP indicates what mode...

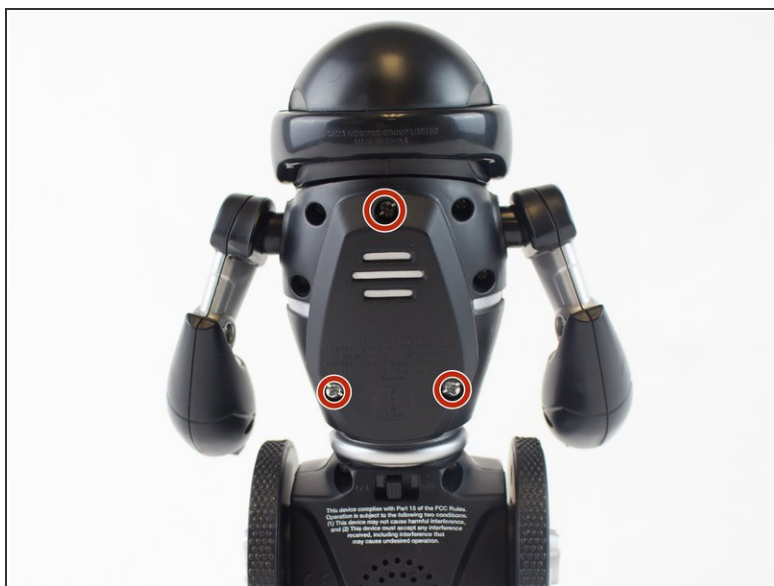Written By: Courtney

# INTRODUCTION

The LED light on the MiP indicates what mode the robot is in. If this light is malfunctioning, using the MiP is difficult.

## ⚲ TOOLS:

- 64 Bit Driver Kit (1)
- Metal Spudger (1)
- Phillips #1 Screwdriver (1)
- Phillips #2 Screwdriver (1)
- Tweezers (1)

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## Step 1 — Battery



- Remove the three 12.0 mm Phillips # 2 screws from the battery cover.

## Step 2



- Carefully pull the battery pack from the robot.

- Remove the batteries from the battery pack.

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## Step 3 — Wheel



- Use a metal spudger to carefully pry off the hubcap without marring the plastic wheel or hubcap.

- (i) This plastic material is not replaceable. Any damage will be noticeable.

## Step 4



- Remove the 12.0 mm Phillips #2 screw.

- (i) Hold the wheel in place, or it will rotate as you attempt to remove the screw.

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## Step 5



- Pull the wheel off of the square axle.

⚠ Do not use excessive force while removing the wheel. Pulling too hard on the wheel can damage the axle.

## Step 6 — WowWee MiP Robot Body Disassembly



- Remove the eight 9.3 mm Phillips #1 screws from the back of the robot.
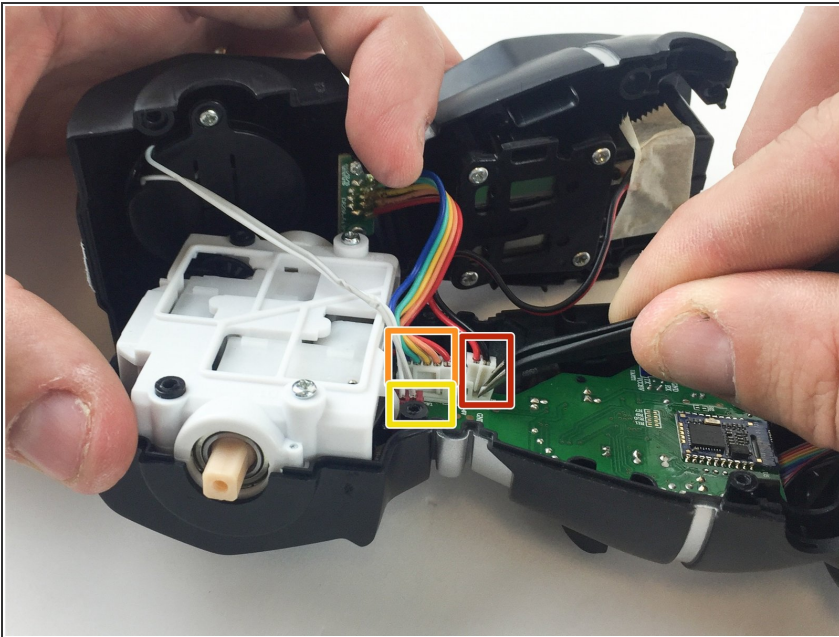
## Step 7



- Remove the arms from the body.
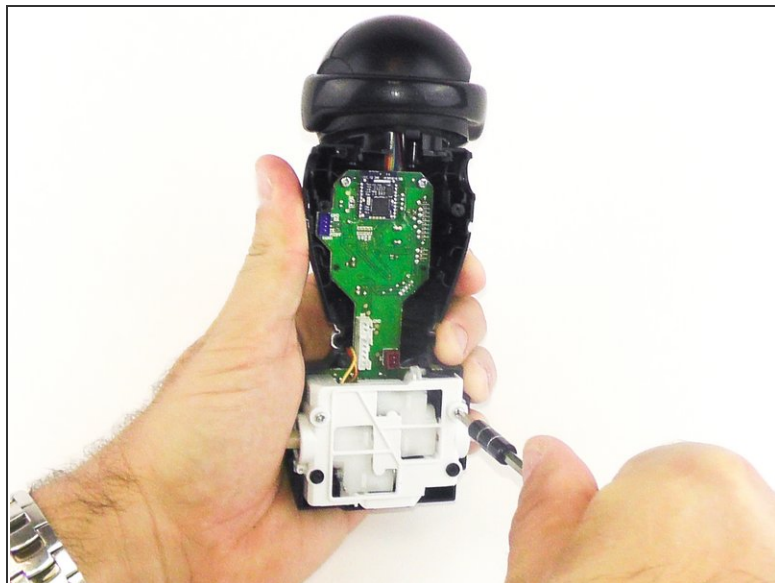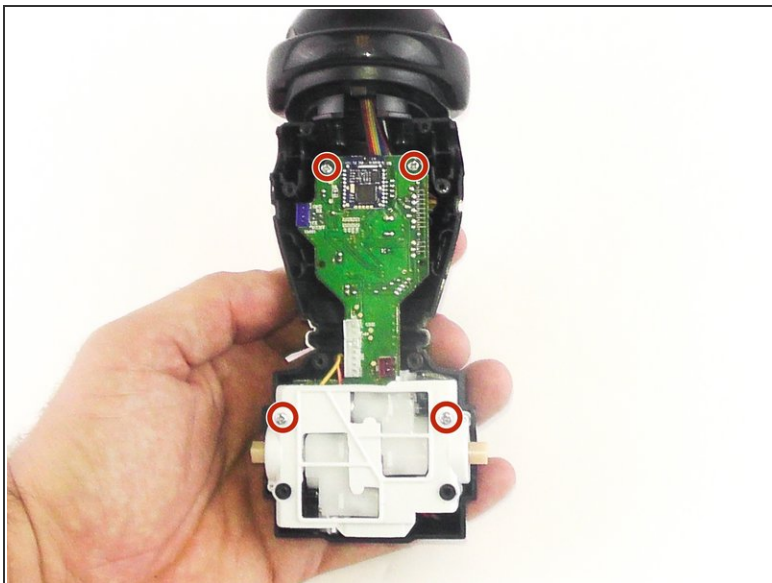
- Carefully open the body compartment.

⚠ Open the compartment slowly. There are wires connecting the two body pieces together. If pulled too hard, the wires and/or the motherboard could be damaged.
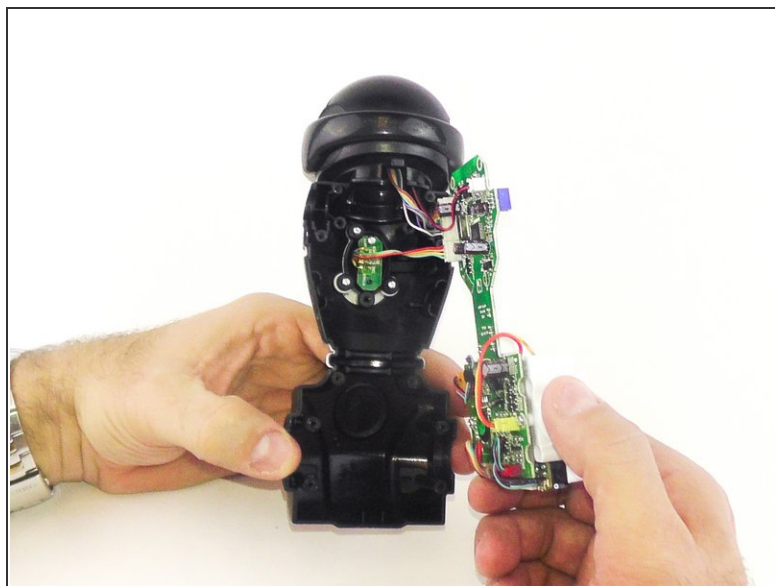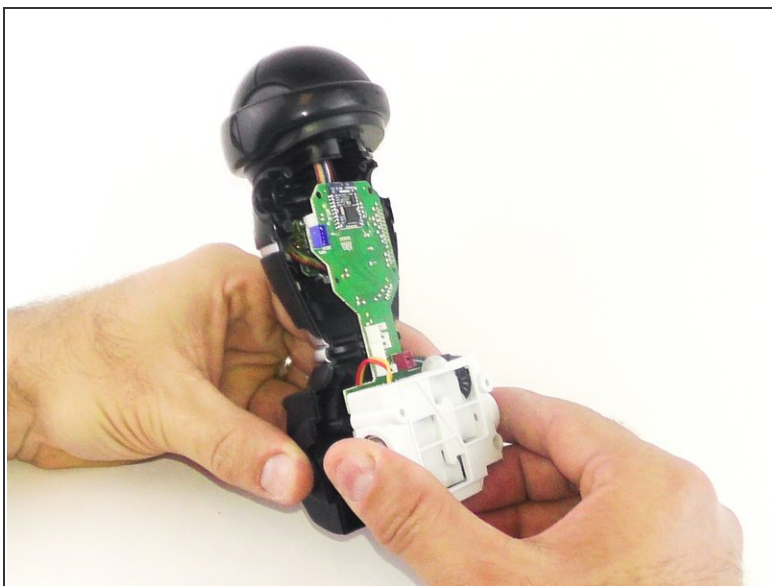
## Step 8



- Using precision tweezers, disconnect the following three bundles of wires:

- Connecting the battery pack to the motherboard.

- Connecting the power switch to the motherboard.

- Connecting the speaker to the motherboard.

## Step 9 — LED Light





- Remove the four 7.5mm Phillips #1 screws.
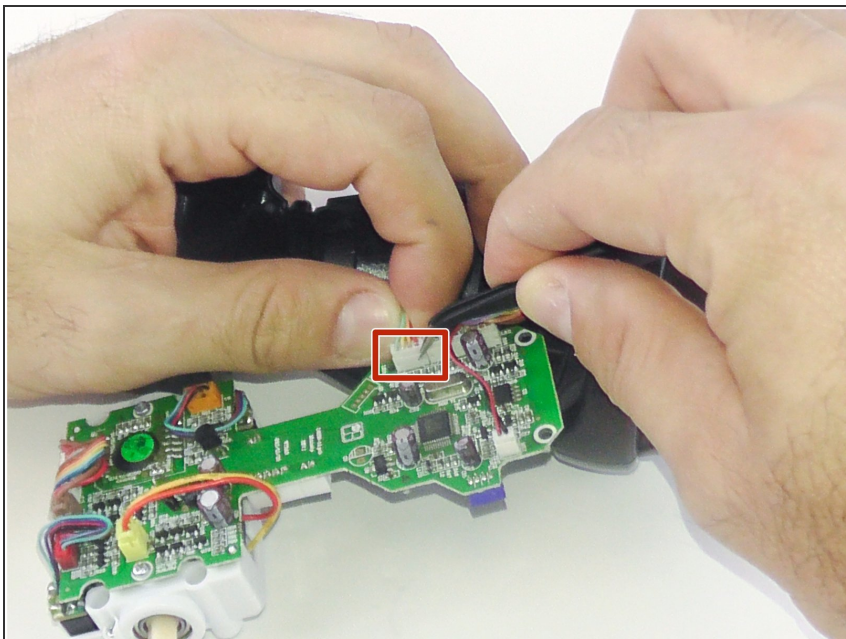
## Step 10





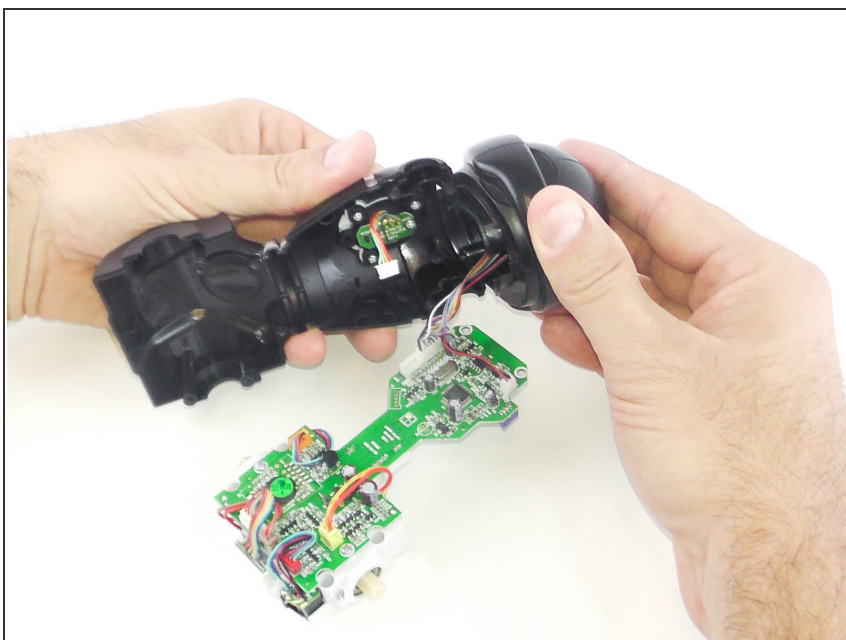- Carefully pull the motor and motherboard assembly straight out from the base.

⚠ Be careful not to break the plastic rods that go through the motor assembly and are connect to the shell.

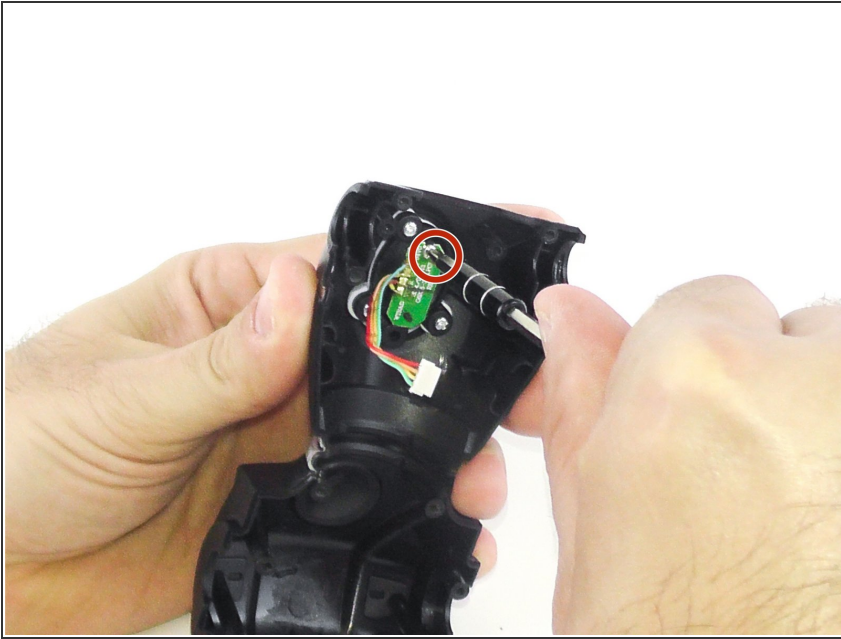This document was generated on 2023-01-29 05:46:50 AM (MST).

## Step 11



- Use the precision tweezers to unplug the bundle of wires.

## Step 12



- Slide the head back to separate it from the body.

- ⓘ The motherboard does not need to be separated from the head to replace the LED light.

## Step 13



- Remove the 7.5mm Phillips #1 screw.

- ⓘ The LED light is soldered to the small circuit board.

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

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