



# Thrustmaster T Flight Hotas 4 Spring Replacement

This guide will show how to replace the lubricant on the spring inside the joystick.

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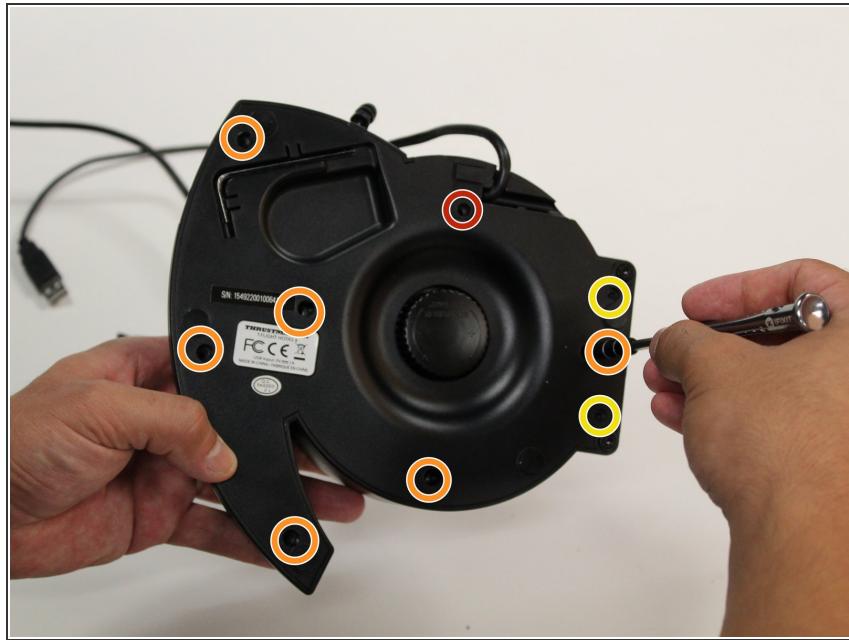
## INTRODUCTION

The joystick on this controller is used to steer for certain flight simulation video games. This guide will show you how to replace the spring inside the joystick so that it maneuvers smoothly.

### TOOLS:

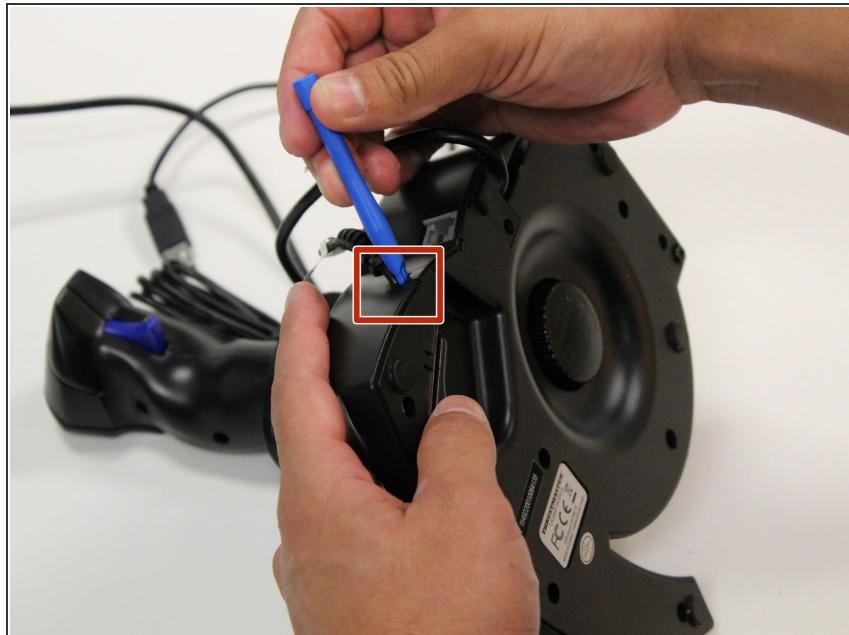
- [iFixit Opening Tools](#) (1)
- [Phillips #1 Screwdriver](#) (1)

## Step 1 — J1 Screws on Bottom Panel



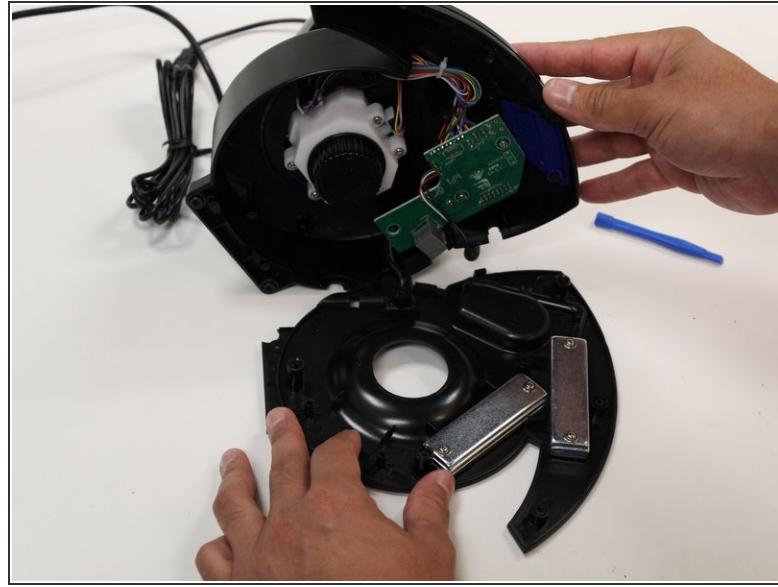
- ⓘ Be sure to disconnect the controller from the power source before disassembling.
- Turn the controller upside down.
- Remove the 20 mm J1 JIS head screw.
- Remove the six 12 mm J1 JIS head screws.
- Remove the two 6 mm J1 JIS head screws.

## Step 2



- Insert opening tool or finger into the divet located beneath the USB port.

## Step 3 — Bottom Panel



- Gently pull the panel away from the controller.

## Step 4 — Spring



- Remove the black knob in the controller by turning counterclockwise.

## Step 5



- Pull out the spring from the white holder.

## Step 6



- Clean the inner housing of the spring of remaining lubricant.
- Remember to reapply lubricant to the new spring and spring housing before reassembling.

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