



Corsair M65 RGB ELITE Mouse Tactile Switch (Scroll Wheel) Replacement

This guide will help you fix your Corsair M65...

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INTRODUCTION

This guide will help you fix your Corsair M65 RGB Elite's (Model Number: CH-9309111-NA) scroll wheel or completely replace it with a new tactile switch. This model is known to have this issue as the middle button is a tactile switch, which isn't up to par with mice nowadays that have micro switches that are rated for 20 million clicks.

One of the main culprits of the scroll wheel button not working may be due to accumulation of dust, which can be solved with the use of WD40 — or even better if accessible: Permatex dielectric grease.

If the switch needs to be fully replaced, steps 8 and 9 will consist of [soldering and desoldering](#) of the tactile switch on a PCB (Printed Circuit Board). The switch size of this particular mouse is measured 6.00 mm by 6.00 mm with a depth of 5.00 mm vertical (with two pins).

Before tearing down the mouse, double-check the scroll wheel button by connecting your mouse to other devices, running your hardware troubleshooter, and by updating the mouse drivers. Once identifying it's not a software issue, you may proceed to fix the button physically after disconnecting the mouse from any ports.



TOOLS:

[6-in-1 Screwdriver](#) (1)
[Small Phillips Head Screwdriver](#) (1)
[Soldering Workstation](#) (1)



PARTS:

[Panasonic EVQ-11D05B Tactile Switch](#)
(1)

Step 1 — Tactile Switch (Scroll Wheel)



- Flip your mouse over so the bottom is facing upwards.
- ① Make sure the mouse is disconnected from any ports before tearing it down.

Step 2



- There are 2 screws in the base of the M65 elite, either side of the lowest weight screw. Use a long Phillips PH00 to remove these, as they will make removing the inside cover easier

Step 3



- Pry in between the aluminum and plastic parts of the lower part of the mouse chassis using a spudger.
 - Work around the left and right click areas with the spudger to further loosen and remove the mouse shell.
- ⓘ You may need to use a little force to remove the shell, but not much.

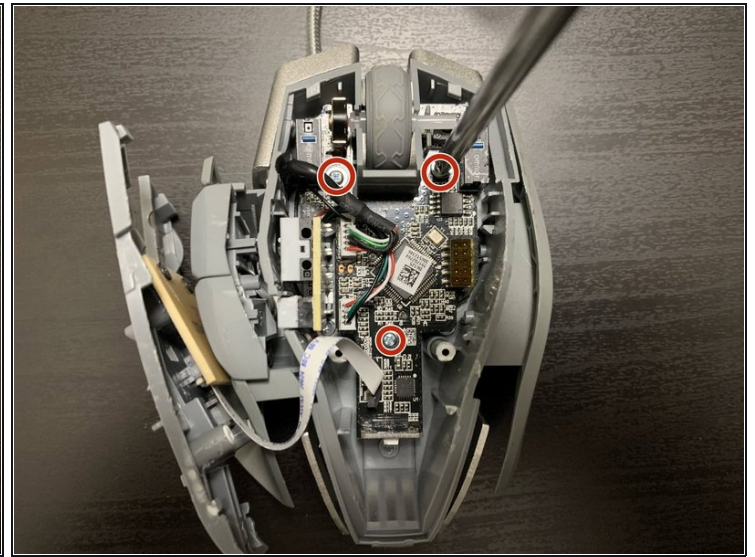
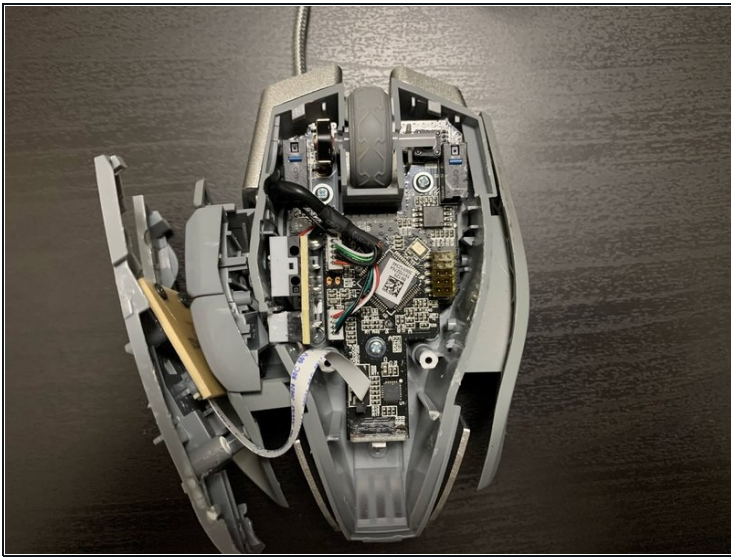
Step 4



- Pry in between the aluminum and plastic parts of the upper section of the second mouse chassis using a spudger.
 - Carefully make your way around the chassis with the spudger.
- ⓘ Very little force is needed to remove this piece, as long as the 2 underside phillips screws have been removed.

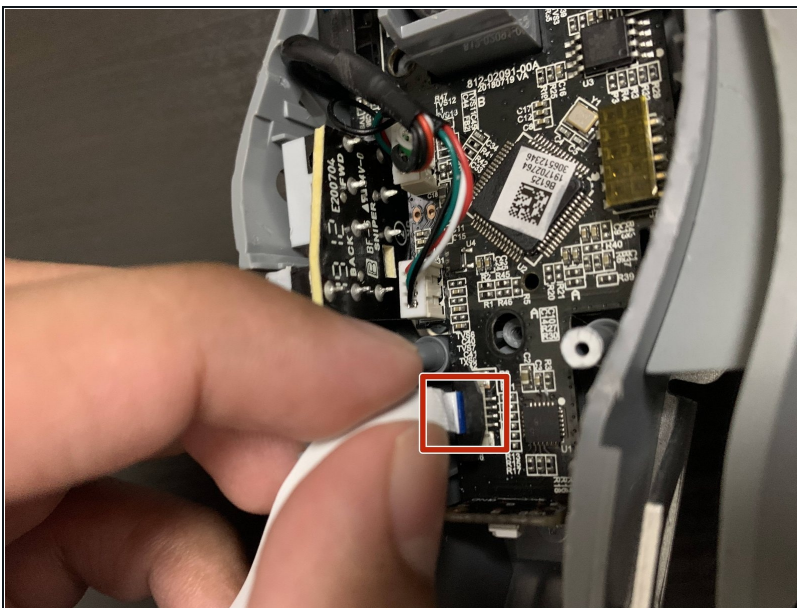
⚠ Potential for device damage. Do not pull the chassis from the mouse; these parts are connected by sensitive ribbon cables.

Step 5



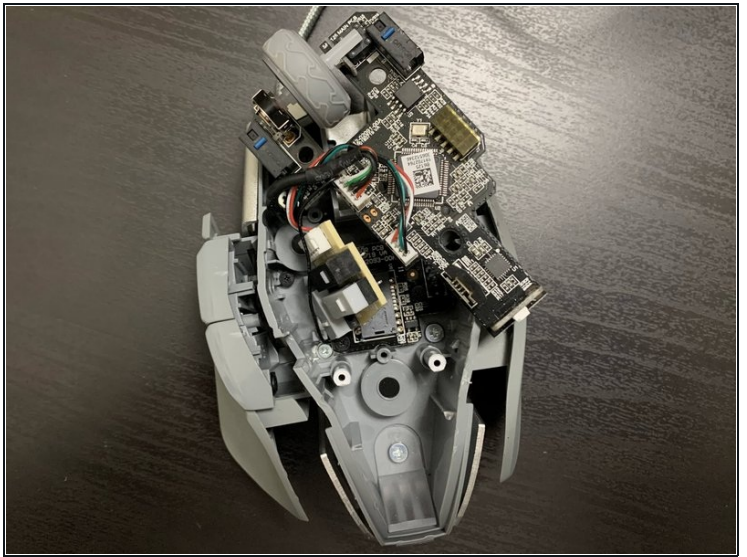
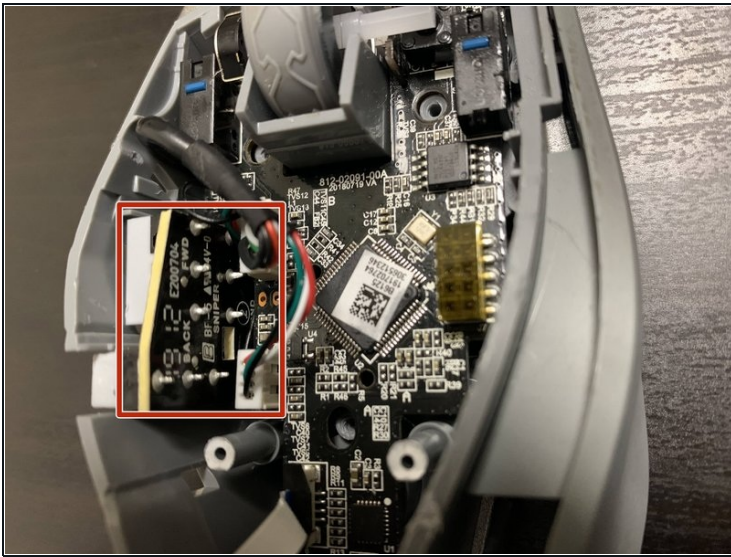
- Remove the three 2 mm screws attached to the PCB using a Phillips screwdriver.

Step 6



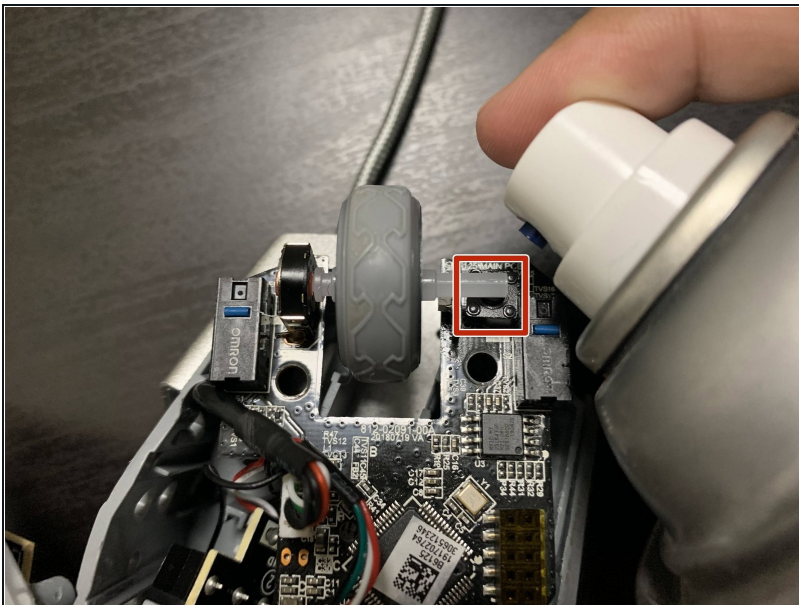
- Remove the ribbon cable by lifting up the black section with tweezers or needlenose pliers. The cable will slide right out. Remember the inside side of the cable is all white and the outer side should have blue text on it.
- Now you can work on the half that has all the components.

Step 7



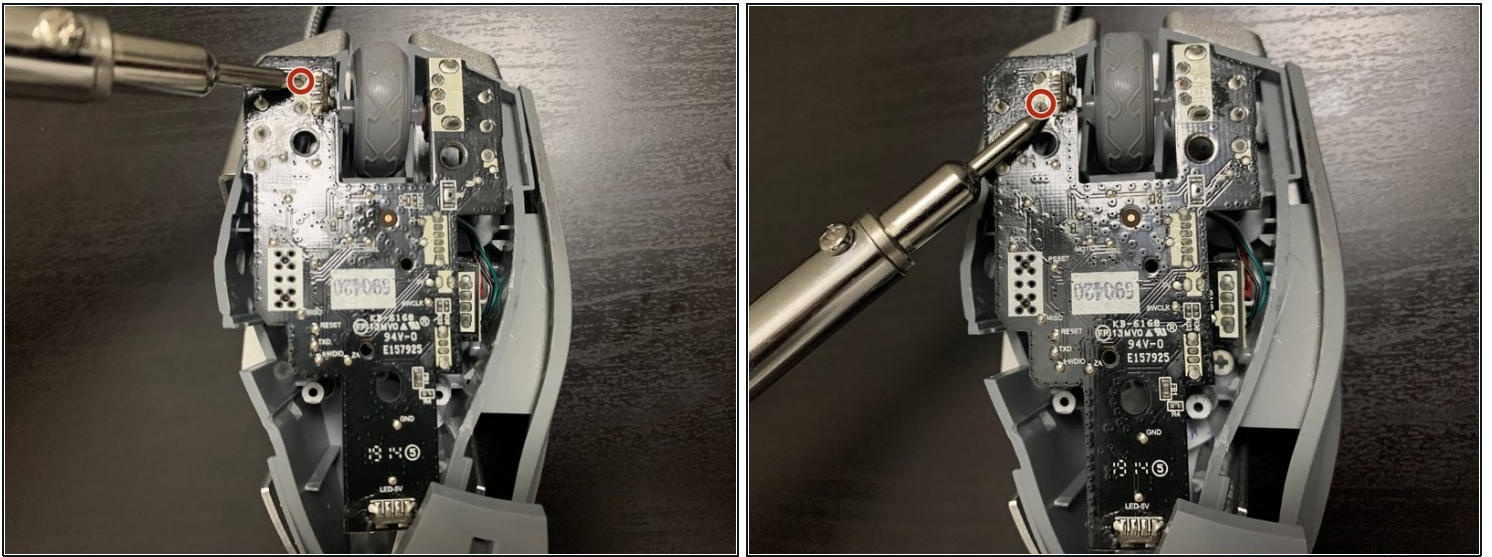
- Carefully pull out the small PCB attached to the side buttons.
- Remove the main PCB.

Step 8



- Spray WD-40/Permatex dielectric grease on the switch/button to lubricate and remove oxidation.
- Press the tactile switch multiple times after spraying.

Step 9

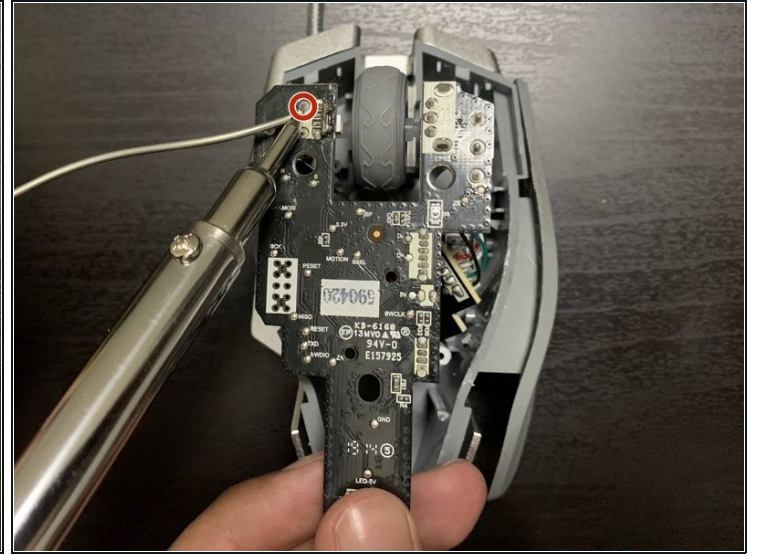
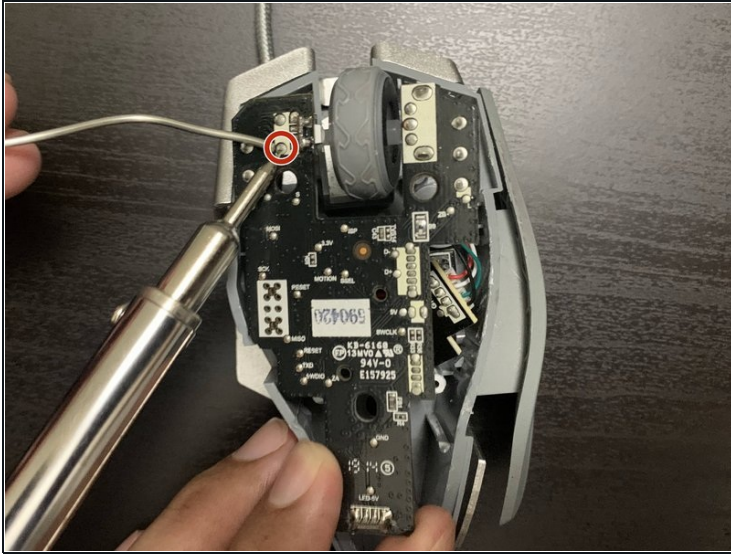


i If your tactile switch is not being replaced, Steps 8 and 9 are optional.

- Desolder the faulty tactile switch.
- For soldering help, check out the guide on [soldering/desoldering connections](#).
- Remove the faulty switch when loosened.

⚠ Caution: Hazardous situation which, if not avoided, could result in minor or moderate injury. Eye protection (safety glasses, goggles, face shields, etc.) must be worn when soldering. Usage of a soldering clamp is highly recommended as soldering irons can reach temperatures of 200°- 480°C.

Step 10



- Solder the new tactile switch.
 - Make sure to heat the solder on to the copper.
 - Clean the solder tip with a brass sponge/normal sponge if necessary.
- When you're finished, make sure to turn off the iron and allow it to cool off on a soldering iron stand.

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