



Ottlite PL-0094 Touch Switch Hack

The Ottlite PL-0094 lamp has a touch switch to control the on/off/dim level. This is a simple hack to get the switch working again.

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INTRODUCTION

The [Ottlite PL-0094 Dual Shade LED Floor Lamp](#) uses a touch switch to turn the light on and off and set the dimming levels.

The touch switch circuit appears to fail in a way that decreases the sensitivity such that the lamp can no longer be controlled.

[Amazon 1-star reviews of the product](#) suggest this is a common problem.

And the touch circuit replacement board does not appear to be available for purchase.

However, it turns out the touch sensor still works if one directly touches the contact for the touch sensor.

Simple fix: add a metal washer, machine screw, and nut to the touch switch area.

TOOLS:

- [Soldering Iron](#) (1)

PARTS:

- [Wacker FENDER WASHER 0010373](#) (1)
- [Milwaukee M3 X 15MM FLAT HD. T-15 MACHINE SCREW 05-80-0015](#) (2)
- [Dewalt NUT \(M3\) 0L36230112](#) (1)
- [M3 nylon nut](#) (1)

Step 1 — Disassemble



- Place the lamp horizontally on a work surface
- Unscrew the two screws above the control panel that hold the upper and lower parts of the lamp together
- Slide up the control panel to remove
- Unscrew the two screws that hold the power board in place
- Use a soldering iron to gently melt the two plastic studs that hold the touch sensor circuit board in place
- Remove the touch sensor button. It's not really an electrical or mechanical button; it's just decorative.
- Install a small fender washer, machine screw and nut. Drill a small hole in the center of the control panel where the touch sensor button is placed.
- Drill out the bottom plastic stud for the touch sensor circuit board mount.

Step 2



- Replace the touch sensor circuit board.
- Use a small machine screw and nylon nut to secure the touch sensor circuit board.
- Be sure the conductive foam is making contact with the screw and nut that is holding the fender washer.
- Re-install the power circuit board
- Re-assemble the lamp.

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