



Hamilton Beach 25460Z LED Replacement

This guide will be used to replace a broken LED bulb. These are the lights on top that light up when the grill is on or ready to cook.

Written By: Katie Howes



INTRODUCTION

This a replacement that requires good soldering skills and confidence working with tiny, delicate, wiring.

If you are unfamiliar with soldering and de-soldering, make sure to check out iFixit's [Soldering Skills page](#) before attempting this replacement!

TOOLS:

- [4mm Allen Wrench](#) (1)
 - [Metal Spudger](#) (1)
 - [Phillips #2 Screwdriver](#) (1)
 - [Solder](#) (1)
 - [Soldering Iron](#) (1)
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Step 1 — Handle



 Unplug your device before proceeding with disassembly.

- On the back of the press, remove the locking washer by prying upwards with the nylon or metal spudger tool.
- Repeat for the other washer across from the first one.

Step 2



- Using any long, thin object, push the 43mm bolt from the inside towards the outside to expose the end of the bolt.
- Pull the end of the bolt out to completely remove it.
- Repeat for the second bolt.

Step 3



- Using the 4.0mm Allen Wrench, unscrew the two 26mm bolts connecting the handle to the upper heating element housing on both sides.

Step 4



- Unscrew the locking knob all the way to remove it.

Step 5



- Slide the locking knob couple down to the base of the handle, then pull up on the free end of the handle. It will easily pop off.

Step 6 — LED



- Gently separate the heating element housing from the cooking surface by pulling up on the housing and pushing down on the surface.
- ⚠ Pulling too far or too hard can break the delicate internal wiring.

Step 7



- On the underside of the housing, use the PH2 Screwdriver to remove the single 12mm screw to disconnect the LED tray.
- The housing can now be completely removed.
- Place on the side for reassembly.

Step 8



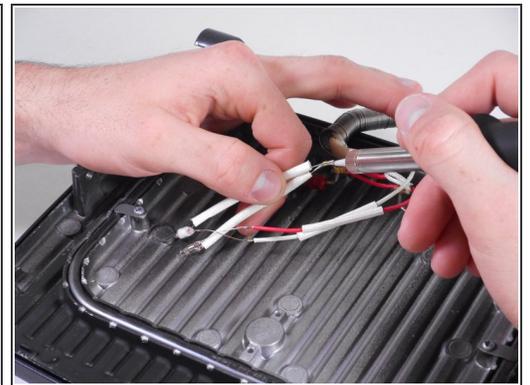
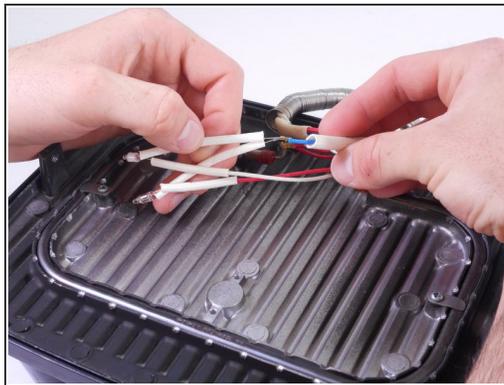
- Using the PH2 screwdriver, remove the single 10mm screw on the circular plastic LED tray.
- Now remove the small plastic T-shaped piece and the plastic tray completely

Step 9



- Gently pull off the translucent bulb covers

Step 10



 Very gently, slide the white wiring covers down to expose the wiring connectors

Step 11



- ⓘ Refer to this [page](#) to brush up on your soldering skills.
- The LED can now be removed by desoldering the connector at each wiring junction.
- The red LED connects to the red wire (positive) and the blue wire (negative, marked in yellow.)
- The green LED connects to the white wire (Positive) and the blue wire (negative, marked in yellow.)

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