



KOBE Range Hoods

"So Quiet...You Won't Believe It's On!"

LED "AA" Conversion Kit: Installation Manual

This guide is to show the components of LED "AA" Conversion Kit and how it is installed.

Part 1: Parts Required to Replace Halogen Lamps with LED Lights



Figure 1: LED Light - 1 pc



Figure 2: LED Driver - 2 pcs



Figure 3: LED Light Primary Connection Wire (120V) - 1 pc

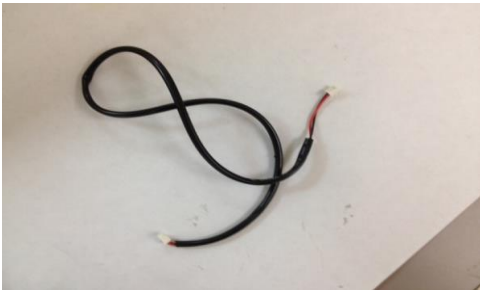


Figure 4: LED Light Secondary Connection Wire - 4 pcs



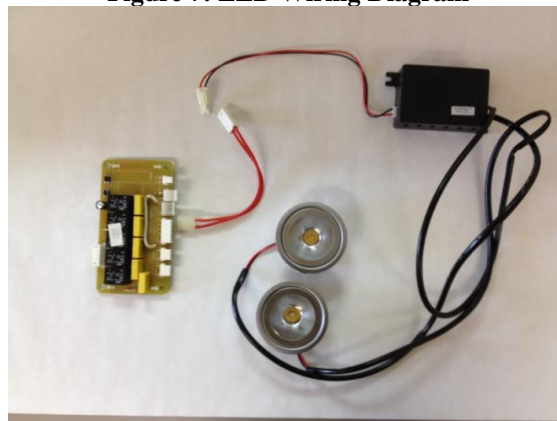
Figure 5: Screw - 4 pcs



Figure 6: 'C Type' LED Driver Support - 1 pc

Part 2: Installation

Figure 7: LED Wiring Diagram





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2.1 Installation Instruction

- A. Disconnect the power supply then remove the baffle filters from the bottom of the range hood.
- B. Find the halogen lamp transformer (see figure 8) and the transformer location (see figure 9).



Figure 8: Halogen Lamp Transformers

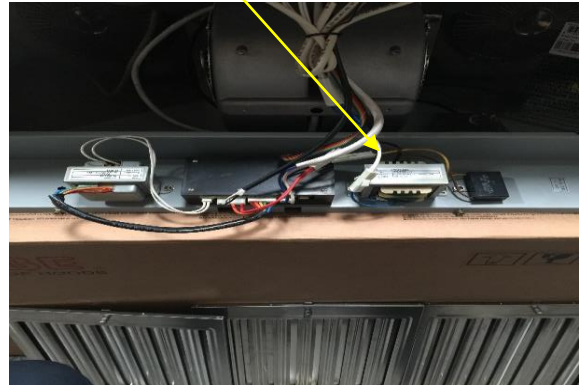


Figure 9: Transformer Location

- C. Disconnect the transformer connector for lamps and the power. Remove the transformer along with mounting plate.
- D. Mount LED driver onto the bracket (see figure 10).

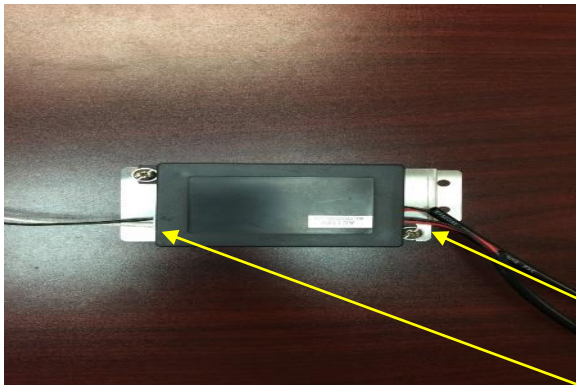


Figure 10: Driver Mounted on the Bracket

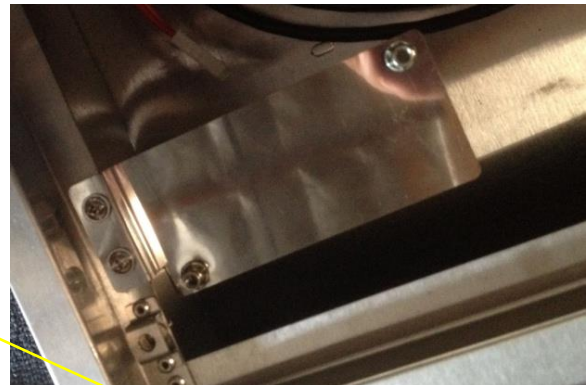


Figure 11: Mount Bracket onto the Hood

Note: On figure 10, the end with two wires connected will be called the “secondary side”. Connect these wires to the LED light. On the other end, there is only one wire connected; this wire will be connected to the 120V on the processor board. This end will be called the “primary side”.

- E. The LED driver's secondary side has four jacks. Plug in the range hood light's wires (x 2) into the jack. The other two jacks have jumpers in them. Figure 12 shows the primary side of the driver (120V) connected to the circuit board.

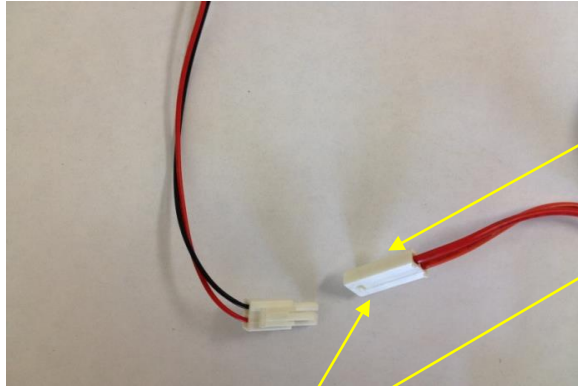


Figure 12: Connect the Power Wire to the LED Driver

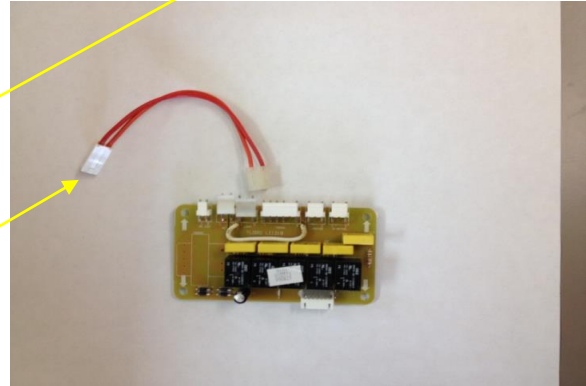


Figure 13: Wire to the Circuit Board

Note: The connector can be found inside the hood. This was removed from the halogen lamp transformer.



Figure 14a: Push the Halogen Lamp Inside Out



Figure 14b: Alternate Lamp Removal

- F. Remove the halogen lamp and wire from the unit. To remove the halogen lamp (w/ lamp housing), push it from inside out. Another way is to use a flat head screw driver, gently pry the light housing from the unit.



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G. To complete the installation, push in the LED lights in to their place.



Figure 15: Connect the wire into the LED Light Socket



Figure 16: Push in LED Light Into Position