



THE AUTOMOTIVE LIGHTING BENCHMARK

# 2STROKE 3.0 INSTALL GUIDE

**WARNING:** By reading this document, you agree it is only to be used as an educational guide. Morimoto Lighting nor its dealers make guarantees on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. If you are unable to clearly understand and adapt the information below, professional installation is recommended.

## INSTALLATION PROCESS

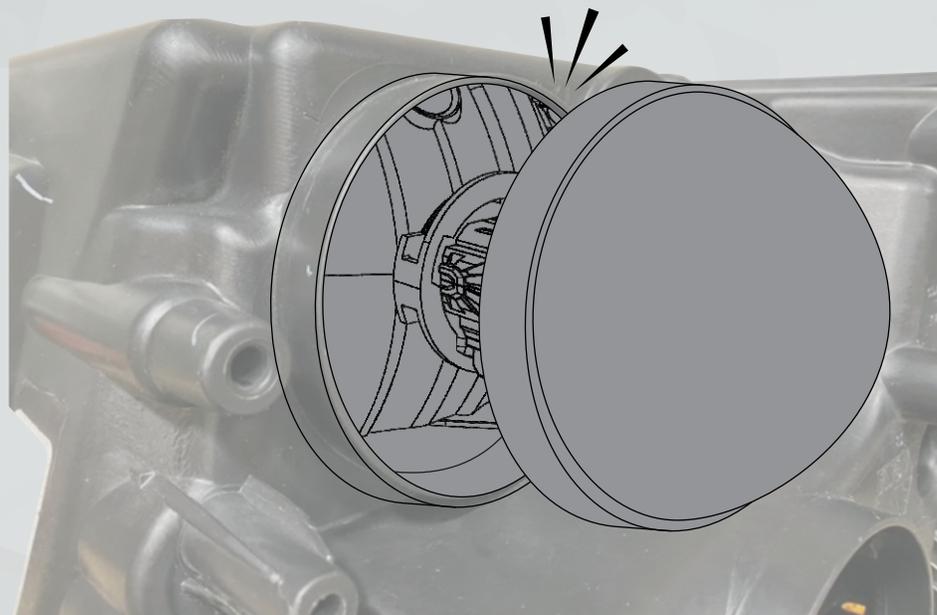
### EXTERNALLY-WIRED HEADLIGHTS

Your headlights are externally wired when you can access the bulb from the back of the headlight without removing any caps or covers. Wiring for the bulb is visible and accessible outside of the housing. Install the 2Stroke 3.0 bulbs in the reverse process of removing the stock bulbs.



### INTERNALLY-WIRED HEADLIGHTS

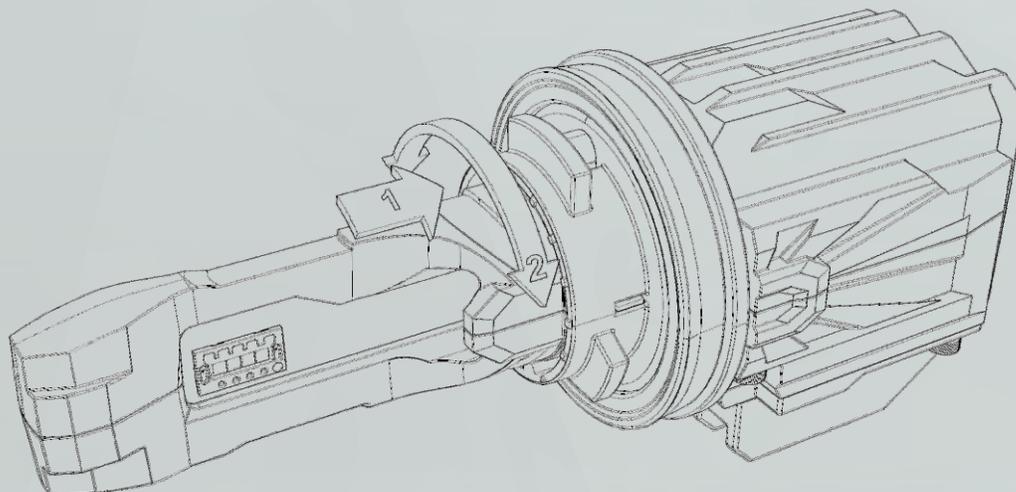
Your headlights are internally wired when you must first remove a cap (generally plastic) to access the bulb. Inside the housing, there is wiring going to the bulb. 2Stroke 3.0 bulbs have sealed bases and are designed to retain the factory seal of the bulbs they replace. If the original cap fitment is compromised, either add rubber housing cap extensions (available separately) or do not use these bulbs. They must remain sealed exactly like the original bulbs were.



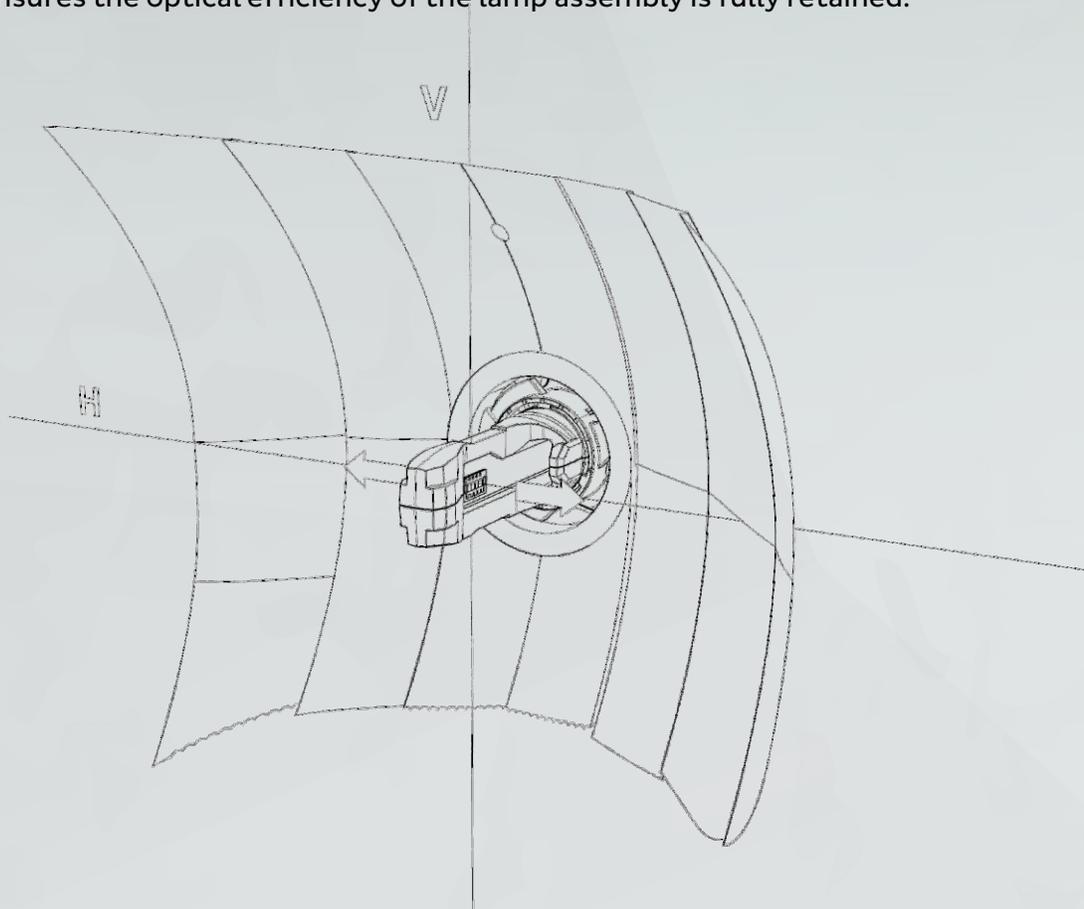
Rubber housing cap extension (not included)

# ADJUSTMENT PROCESS

2Stroke 3.0 bulbs have rotationally-adjustable bulb collars allowing the bulb to be re-keyed to match the reflector or projector optics best. These collars are adjustable by pressing the bulb base toward the front of the light assembly, and rotating as necessary following the next page's tips.



The proper alignment of the 2Stroke 3.0 bulb's LEDs is left and right, horizontally, as shown below. This alignment ensures the optical efficiency of the lamp assembly is fully retained.



# HEADLIGHT ADJUSTMENT

While the 2Stroke 3.0 bulb installation will not itself require adjusting the headlights, you may need to adjust the headlights for maximum performance. We recommend the below guide as an initial starting point.

