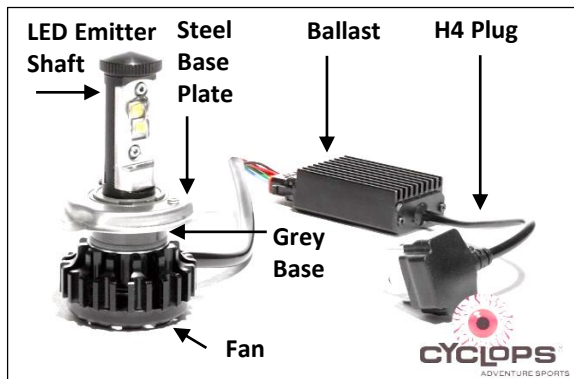




# Cyclops 7000 Lumen LED Bulb

Part# AB-22001

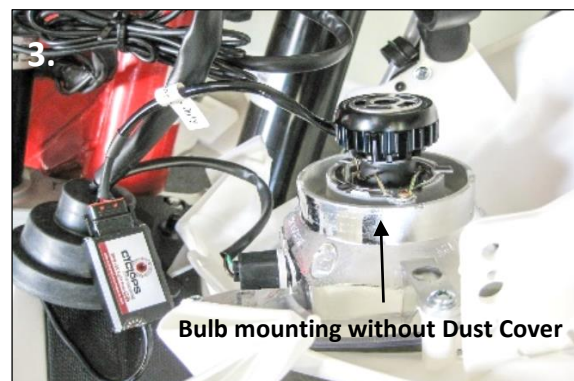
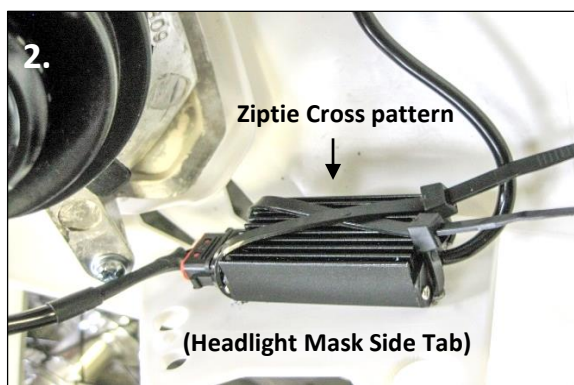
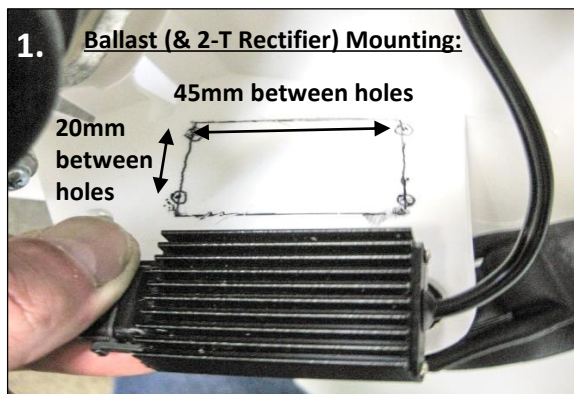
Fits: All 2010+ RR,RS,RR-S 4-strokes & 2-strokes  
 2-strokes MUST USE Cyclops 2-T Rectifier or LED will fail



## Installation Instructions (if not using stock dust cover):

Tools: Phillips screwdriver, needle-nose pliers, razor blade &/or small scissors.

Notes: Read both instruction pages before proceeding. You can use the stock headlight dust cover for the LED bulb (recommended, details on pg. 2), but it requires cutting a hole in the top dust cover, or opt not to cut/install the dust cover (1<sup>st</sup> page) & leave it in place to be reused.



1. Detach headlight mount straps, release locating tab from front fender, & pull headlight forward. Pull back stock bulb's rubber dust cover from headlight housing.
2. Unclip the bulb mounting spring clamp by pushing down on the spring's side tab (Fig. 7) releasing it from under the spring locating hook.
3. Note how clamp seats into bulb's mounting base plate, prior to lifting spring clamp up to remove stock bulb.
4. Mount LED bulb into headlight, align all 3 steel tabs of LED base plate with 3 reflector housing slots. (for older Cyclops bulbs it's optional to drill two 3mm relief holes for the baseplate's two phillips screws).
5. If not using rubber dust cover, fit the spring clamp into LED bulb base plate & plug LED into the stock H4 3-prong connector. **All 2-strokes MUST USE 2-stroke Rectifier installed between LED ballast & stock headlight plug.**
6. For mounting LED ballast (& 2-T rectifier), mark headlight mask's inner side-tabs (Fig 1.) Hold ballast/rectifier on inner side-tab & draw a line around it, mark two sets of holes @ 20mm X 45mm apart for zipties.
7. 3M dual-sided tape is optional to adhere the ballast & rectifier. Insert zipties but don't connect or tighten yet, as they'll be connected later in a cross pattern, Fig 2.
8. If you're cutting & using the stock rubber dust cover, don't mount ballast or rectifier yet, **but proceed to Pg. 2 for dust cover cutting & install.**
9. If not using stock dust cover, install the ballast & rectifier, tighten zipties snugly so they both stay firmly in place.
10. Secure LED bulb, ballast (& rectifier if applicable) wires to ensure there's no pinching or chafing, & check that all other wires behind headlight are routed correctly.
11. Turn on ignition to check LED's high & low beam function. Headlight aiming shouldn't be needed with the 7000 Lumen LED. LED low beam pulls 25 watts, & will run cooler & last longer than if left on high beam unnecessarily.



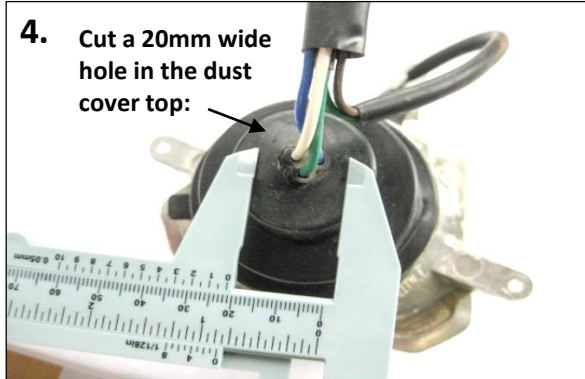
# Cyclops 7000 Lumen LED Bulb

Part# AB-22001

Fits: All 2015+ 2-Strokes & 4-Strokes

2-strokes MUST USE Cyclops 2-T Rectifier or LED will fail

## Installation Instructions: (with stock rubber Dust Cover)



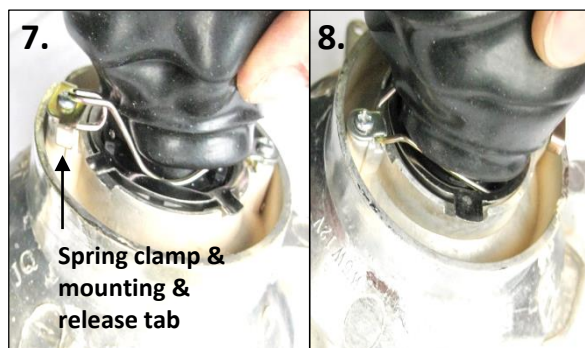
4. Cut a 20mm wide hole in the dust cover top:



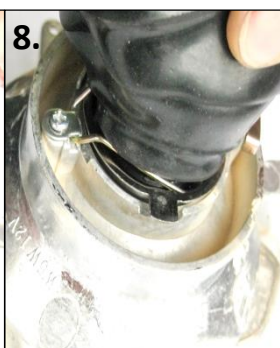
5. Grey locator Tabs  
Black aluminum fan housing  
Grey Base that the dust cover's 20mm hole seats around



6. Dust cover pulled back over fan housing, base plate mounted



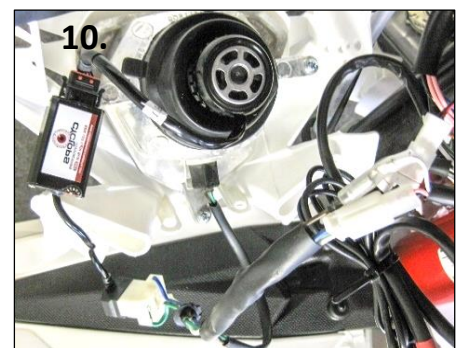
7. Spring clamp & mounting & release tab



8.



9.



10.

12. Cutting a 20mm (@ 3/4") hole in dust cover enables it to seal around LED reflector like stock: On older Cyclops LED's, unscrew the 2 small phillips screws from the LED bulb baseplate & remove baseplate from bulb.
13. Mark a 20mm (3/4") dia. hole around stock wires for cut out (Fig's 4 & 5).
14. Detach stock running light bulb from reflector base by turning it 90\* & pull out, it will be re-inserted with LED bulb. Remove wiring from the dust cover by pulling it through the 20mm hole.
15. Slip dust cover down the LED emitter shaft & over the 2 grey tabs, & fit it around the grey base, locating it between the grey tabs & fan housing. The wider part of the cover will face forward (Fig's 5 & 9).
16. Pull rubber dust cover backwards behind/over LED fan housing (Fig 6). Slide steel baseplate back over LED emitter shaft & screw into place.
17. Insert LED bulb into headlight housing, fitting spring clamp correctly into well of the steel baseplate (Fig's 7 & 8). Needle-nose pliers help guide spring clamp tips past rubber dust cover & into place.
18. If unsure how spring clamp tips fit into steel base plate, reinsert stock bulb & note how it clamps; the LED bulb base plate will clamp/locate in the same way under the dust cover.
19. Slide dust cover forward over base plate & seal it around headlight reflector like stock (Fig's 9 & 10). Ensure fan vents are unobstructed & can cool the LED driver properly.
20. Recheck wiring, reinstall headlight & shroud. Turn on ignition & check LED bulb high & low beam function. Headlight aiming shouldn't be necessary.
21. LED low beam pulls @ 25 watts & will run cooler & last longer than if left on high beam unnecessarily.