



LED Headlight Adapter Install Manual

Install Information:

For specific bike fitment and models that this adapter will fit please check out our website www.NextLvInnovation.com



YouTube Install Video

Install Time: 30-40 Mins

Install Difficulty: Easy - Moderate

Tools Needed:

M2, M4 Allen Wrench

Phillips Head Screwdriver

Small Flat Head or Phillips (Adjustment)

Part Descriptions:

This adapter will fit most 5.75" aftermarket LED Headlights in the stock bezel and housing of select motorcycles. It will also offer vertical adjustment and stability using the stock hardware from the halogen headlight setup. A list of motorcycles that this adaptor fits can be found on our website.

Key Ring: Mates with the LED Headlight's Key.

Clamp Ring: Clamps the LED Headlight against the Key Ring.

Clamp Slides: The attachment point between the Clamp Ring and Key Ring.

Side Mounts: Attachment points between the LED Adapter and the motorcycle bezel.

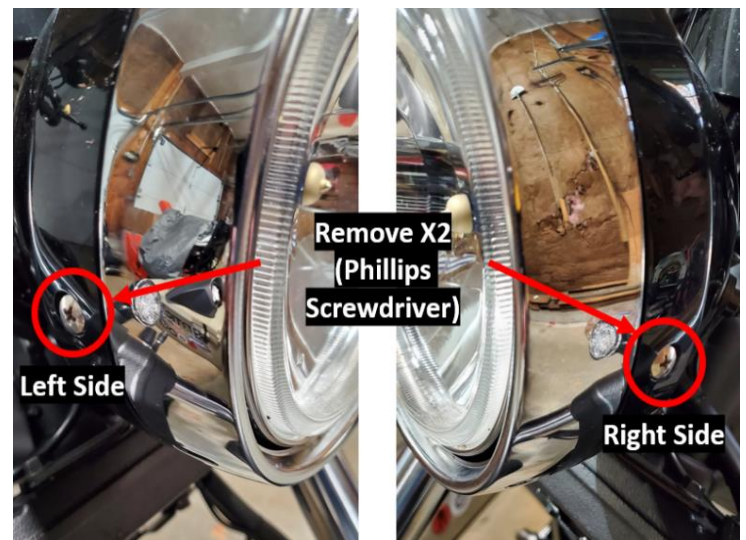
Adjustment Piece: Adjusts headlight angle while providing stability/vibration damping.

Adjustment Wedge: Locks the stock Nylon nut used in the headlight adjustment.

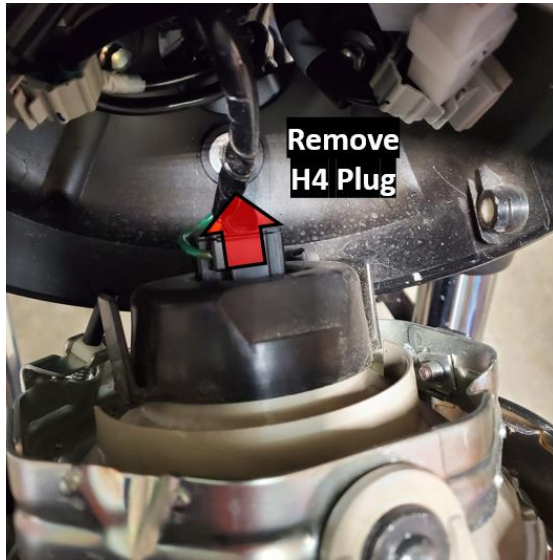
Uninstall of Stock Halogen Light:



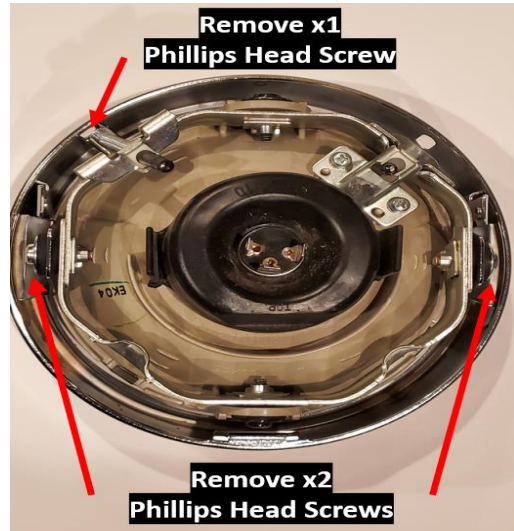
Step 1 (Optional): Remove the cowl by removing 4 flat head screws with an M4 Allen wrench. The vibration washers may be free floating, don't lose these.



Step 2: Next remove 2 Phillips Head screws from the headlight housing connecting the bezel/headlight assembly to the headlight bucket. Be careful not to lose the silver bushings that may fall out.



Step 3: Remove the Headlight assembly by slightly twisting and pulling on the bezel. Then unplug the H4 plug.

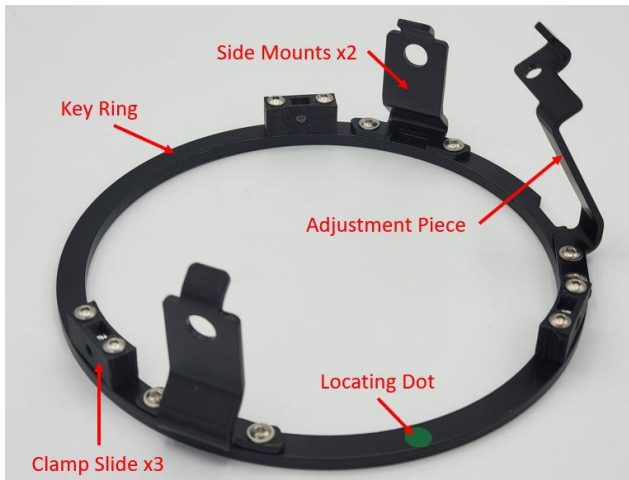


Step 4: Remove the adjustment bracket by removing two Philips head screws. Remove one of the adjustment screws from the bezel. Keep the screws, spring and T-Nuts for later use. Keep the grommets in the bezel mounts.

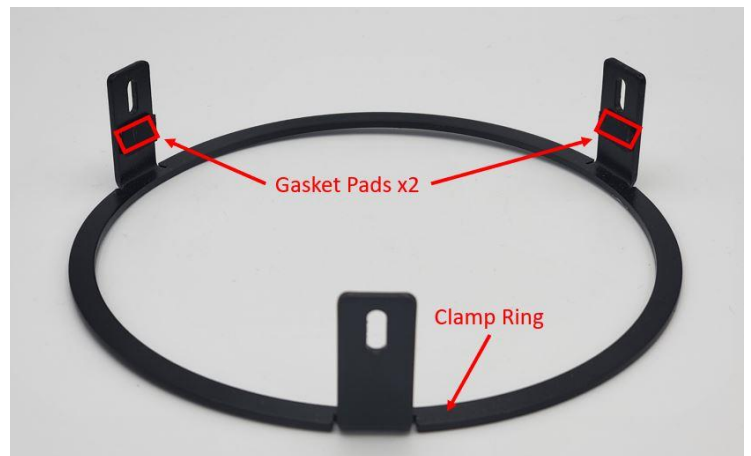


Loctite Application: Use one drop about 1 thread up from the bottom of each screw supplied with the adapter right before installing. (Pictures to the left). Sets in 10 Mins, cures in 24 Hours.

Install LED Headlight:



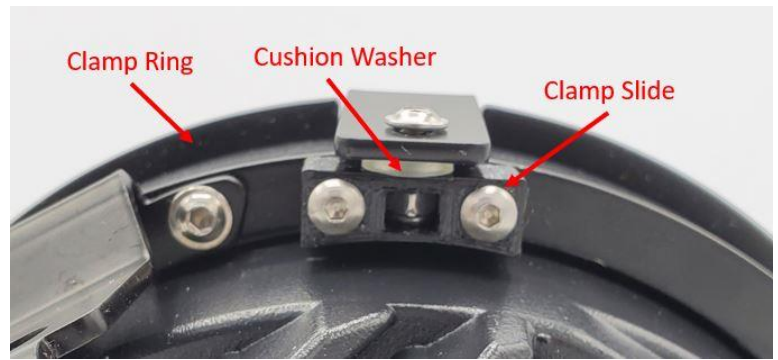
Step 1: Take the Key Ring with locating dot facing up and install the two Side Mounts and Adjustment piece using the M3x5 screws. Next install the three clamp slides (flat side facing out) using the M3x12 button screws.



Step 2: Apply the two square black gaskets (rubber) to the area pictured (any two tabs). This will eat up any slack between the headlight and the Key Ring. The two tabs pictured should be at the top of the headlight during the next steps.



Step 3: Take the assembled Key Ring and align the keyway and key of the LED Headlight. Be sure to have the Key Ring sit flush with the headlight.



Step 4: Add the Clamp Ring to the front of the LED Headlight. Align the Clamp Ring's tabs to each of the Clamp Slides. Place the clear cushioning washer between the Clamp Ring tab and the Clamp Slide. Add the M3x10 screw (No Loctite required). Do not tighten it all the way. Do this for the remaining two tabs/Clamp Slides. Apply force between the Clamp Ring and Key Ring while tightening the M3x10 screws. Tighten until the screw shows on the back side of the Clamp Slide. Do this equally to the remaining two screws. **DO NOT OVER TIGHTEN**



Step 5: Slide the Bezel over the top of the LED bracket assembly. Line up the side mount holes with the bezel mounts. Use the existing hardware from the stock headlight. Have the T-Nuts facing each other. If this does not work with your specific headlight see below "Different Headlight Solution". Make sure the Adjustment Piece matches up with the bezel adjustment mount.



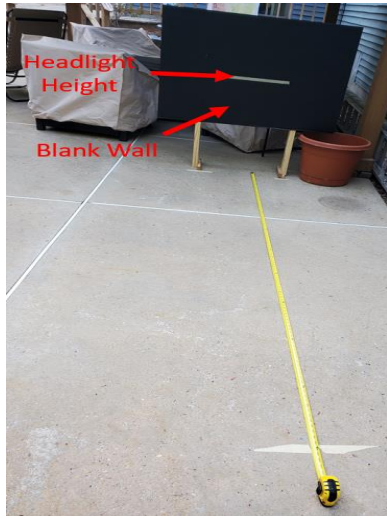
Step 6: Now add the stock adjustment spring between the bezel adjustment mount and the Adjustment Piece. Try to align the spring with both holes. *Take caution, the spring may launch under load.*

Step 7: Take the stock M4 long adjustment screw and guide it through the bezel hole and the bezel adjustment hole. Then pass it through the spring. Do not pass it all the way through the Adjustment Piece yet.

Step 8: Place the stock Nylon nut in the supplied nut wedge. Then fit the wedge in the hem of the adjustment mount. The chamfer of the wedge should be facing up. Make sure the Nylon nut hole is aligned with the Adjustment Piece hole.

Step 9: Using a skinny flat head or Philips head screwdriver, thread the M4 screw in the Nylon nut. Screw until you feel that the headlight assembly looks level within the bezel. Be sure that the key ring is not hung up on the bezel adjustment mount.

Adjustment:



Step 11: Install the headlight in your bike. See the beginning steps and go in reverse. Take a moment and look at your new LED headlight assembly! Doesn't it look good?



Adjustment: After the headlight is installed on your bike position the bike 10 feet from a blank wall. Measure from the ground the height of the headlight (to center) with the rider sitting on it. Now mark your wall with this dimension. Adjust the headlight until the low beam pattern is equally spaced over the line on the wall.

Congrats you are ready to ride!

Different Headlight Solutions:

T-Nut is faced opposite due to cable placement



T-Nut Placement: You may come across LED Headlights with a wire placement very close to the side mounts. If this is the case flip the T-Nut so that it goes inside the Side Mount hole. This will open up clearance between the LED adapter assembly and the LED cable. Use an M8 Washer (not provided) and place it between the screw and the bezel mount gasket.

Maintenance:

All hardware should be checked periodically (1000 miles). If riding on rougher terrain check more often. Hardware should be inspected and retightened. Plastic parts should be inspected for any stress cracks or deterioration. Contact Info@NextLvInnovation.com for more information.

Warning:

Next Level Innovation LLC (NLI) is not associated with other OEM or third party companies. NLI is not responsible for the misuse or void of warranty this may cause to your motorcycle. Use at your own risk.