



7in M3 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

Install Time: 30-40 Mins
Install Difficulty: Easy-Moderate

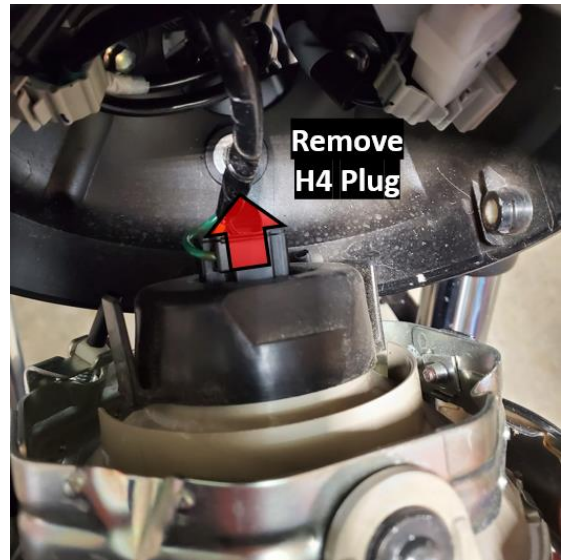
Tools Needed:
M 2 Allen Wrench
Phillips Head Screwdriver
Small tip Flat or Phillips Head (Adjustment)

Part Descriptions:

This adapter will fit most 7" aftermarket LED headlights in the stock bezel and bucket of the Suzuki SV650, SV1000, and GFS1200 motorcycles (other models are possible, check the fitment guide on our website). It has horizontal adjustment using the stock halogen hardware/method.

- Key Ring:** Mates with the LED headlight's keys and is the base part.
- Clamp Ring:** Clamps the LED headlight against the Key Ring.
- Side Mounts:** Attachment points between the LED adapter and the motorcycle bezel.
- Adjustment Piece:** For headlight horizontal angle adjustment and stability/vibration damping.

Uninstall of Stock Halogen Light:



Step 1:
Suzuki Motorcycle:
Remove the two Philips head screws on each side of the headlight bucket to remove the headlight assembly. There is an internal clip at the top of the headlight bezel. Pull the bottom out first and then the top.

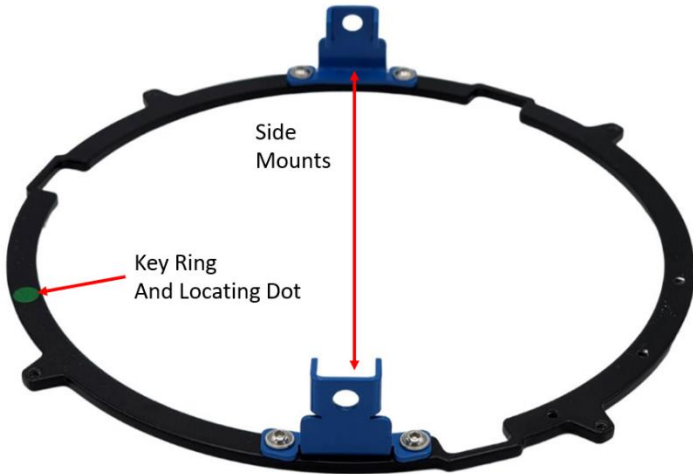
Step 2: Remove the headlight assembly. Then unplug the H4 plug powering the headlight.
**Images may differ from your motorcycle*

Step 3: Remove the stock headlight by removing two Philips head screws. Remove the adjustment screws/springs from the bezel and headlight. Keep all the stock hardware to be used with the new assembly.



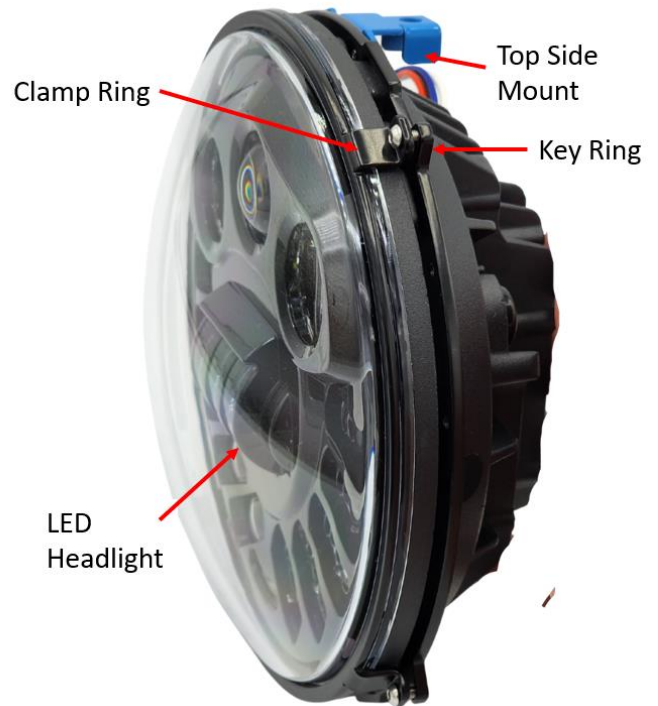
Loctite Application: Use one drop about 1 to 2 threads up from the bottom of each screw supplied with the adapter right before installing. (Pictures to the left). Sets in 10 Mins, cures in 24 Hours.

Install LED Headlight:



Step 1: Lay the Key Ring flat with the green locating dot facing up. Using the M3x5 screws attach the Side Mounts as depicted.

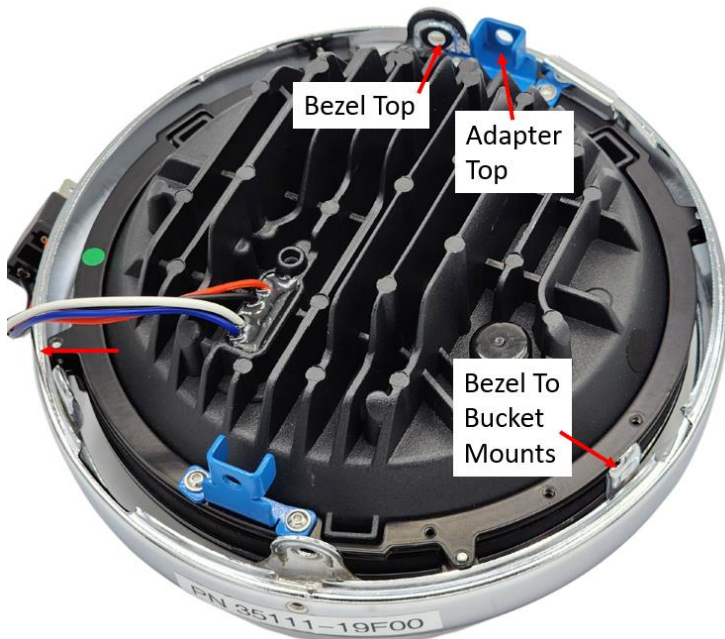
The LED Headlight and Headlight Keys will fit in this Key Ring assembly. The top of the headlight should be located inline with the top side mount. The Key Ring should lay flush with the LED Headlight.

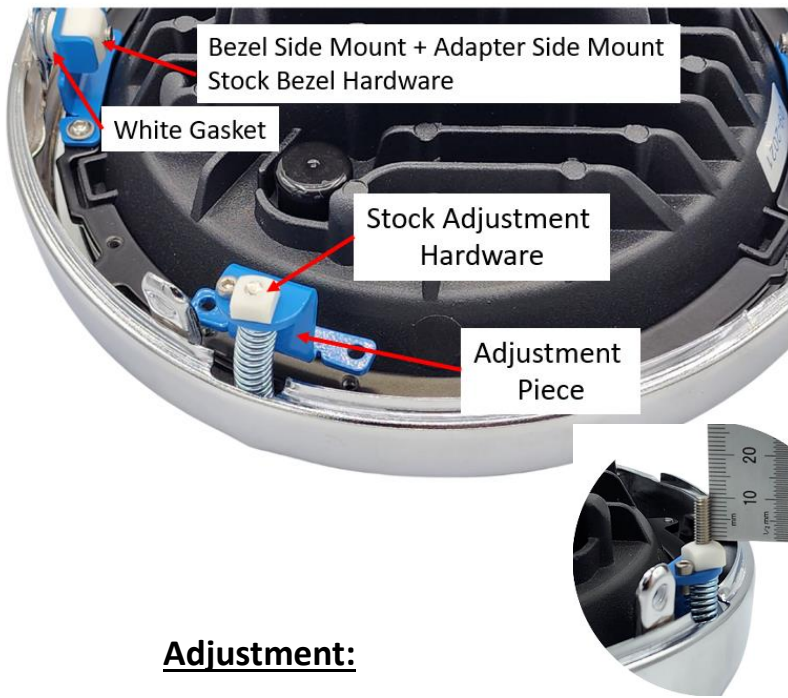


Step 2: Apply the Clamp Ring to the top of the LED Headlight. Align the four tabs of the Clamp Ring to the four threaded tabs of the Key Ring. Use the four M3x8 button screws and attach the Clamp ring to the Key Ring. Tighten each screw equally with about 1 to 2 mm exposed passed the Key Ring. You should be able to feel the Headlight feel nice and snug with no movement. *Do Not Overtighten, the Clamp Ring will bow out and not hold the Headlight properly!*

Step 3a: Position the top of the Headlight adapter as shown with the top of the Bezel. Work the top of the adapter in first on an angle and then slide the back in. [Optional: If having issues at this point one of the side mounts can be removed until you get the assembly in the bezel. Then add the side mount back.]

Step 3b: Align the side mounts and the bezel mounts. Position the assembly vertically to make it easier to slide the provided white gaskets between the two mounting points. Work one side at a time. Using the stock M5 screw and Nylon Nut tighten the side mount to the bezel. Ensure you have equal spacing when comparing both side mounts to the bezel. See next image.





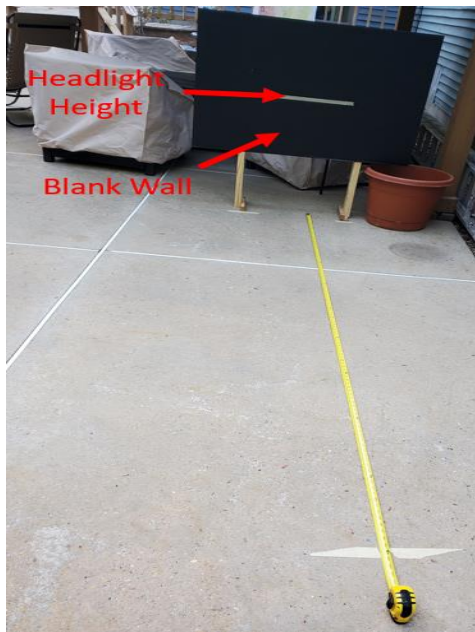
Step 4a: Add the M2.5 screw with Loctite to the Adjustment Piece and tighten. This will act as the nut wedge.

Step 4b: Using the stock adjustment hardware slide the adjustment screw through the bezel hole and add the spring over it. Now add the Adjustment Piece and compress the spring with your hands. Now hand tighten the Nylon nut onto the screw a few rotations. This will lock the Adjustment Piece on the adjustment screw.

Step 4c: Using your screwdriver tighten the adjustment screw until the Adjustment Piece sits flat on the Key Ring. Add the remaining M3 screws and tighten.

Step 4d: A good starting point to horizontally level out your headlight is when the adjustment screw is exposed about 10 mm above the Nylon nut. This can be fine tuned when the light is on your bike.

Adjustment:



Step 5: 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. The horizontal adjustment should be Neutral to slightly pointed toward the edge of the road away from oncoming traffic.

Maintenance:

All hardware should be checked periodically (1,000 miles). If riding on rougher terrain check more often. Hardware should be inspected and retightened. Contact Info@NextLvInnovation.com or visit us at www.NextLvInnovation.com for more information.

Warning:

Next Level Innovation LLC (NLI) is not associated with Suzuki or other third party vendors. NLI is not responsible for the misuse or void of warranty this may cause to your motorcycle. Use at your own risk. Any modifications made to this product ("7in-LED-ADT-01-1-M3") will void the warranty.