



Next Level Innovation  
Design For The Future

Key R  Clamp R  Hardware  Mounts

Product PN: SUZU-LED-ADT-01

Product SN: 20-

Product Date:

## LED Headlight Adapter Install Manual

### Install Information:

For specific bike fitment and models that this adapter will fit please check out our website [www.NextLvlinnovation.com](http://www.NextLvlinnovation.com)  
There is also an install video to help with the installation.

**Install Time:** 30-40 Mins

**Install Difficulty:** Easy-Moderate

### **Tools Needed [Hardware Guide Included 1:1 Scale]:**

M 2.5 Allen Wrench

Phillips Head Screwdriver

Small tip Flat or Phillips Head (Adjustment)

5.5mm socket or an adjustable wrench

### Part Descriptions:

This adapter will fit most 7" aftermarket LED Headlights in the stock bezel of the Suzuki C50 and C90 motorcycles (Other models are possible, check fitment guide). It has vertical adjustment.

**Key Ring:** Mates with the LED Headlight's Key and is the base part.

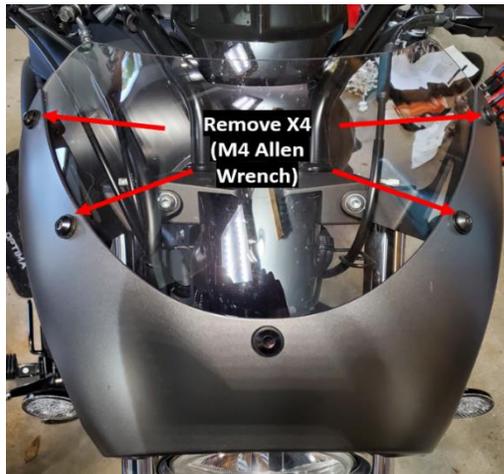
**Clamp Ring:** Clamps the LED Headlight against the Key Ring.

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

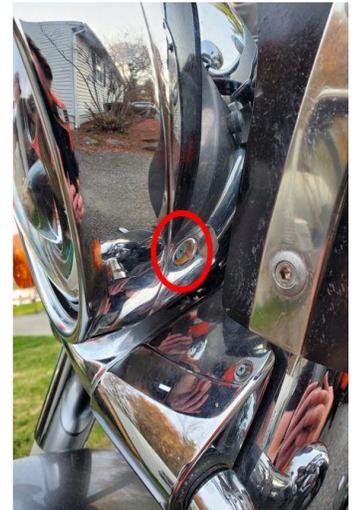
**Adjustment:** For Headlight angle adjustment and stability/vibration damping.

**Adjustment Wedge:** Locks the stock square nylon nut in place on the adjustment piece.

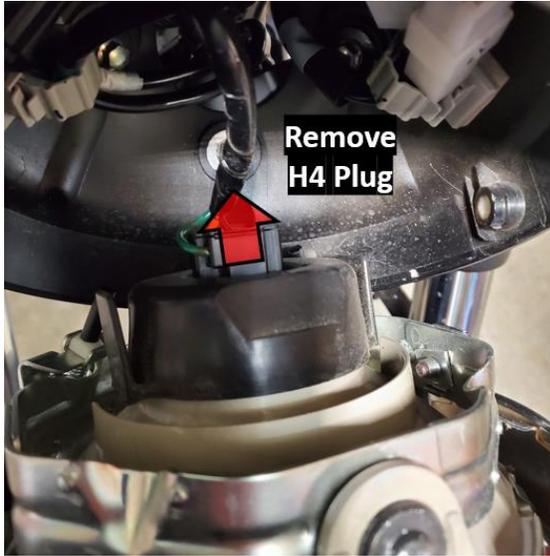
### Uninstall of Stock Halogen Light:



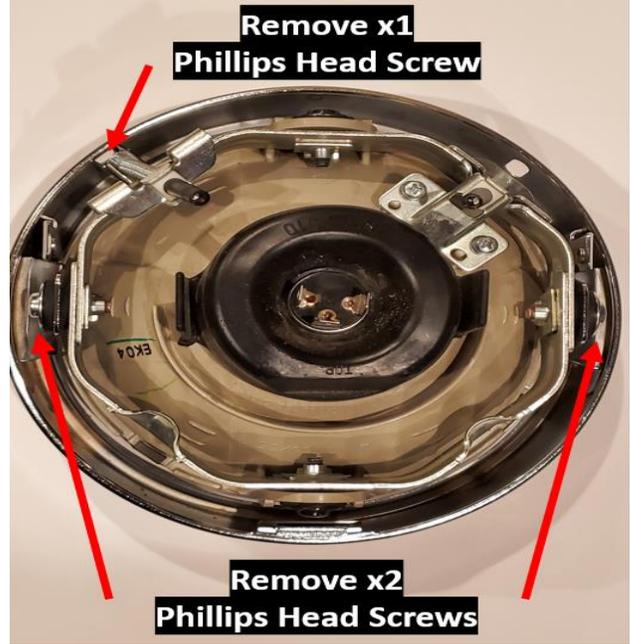
**Step 1 (Optional):** Remove any cowl or fairing that may get in the way of the headlight bucket screws in step 2. Hardware may vary.



**Step 2:** Next remove 2 Phillips Head screws from the Headlight housing connecting the bezel /headlight assembly to the headlight bucket. Located left and right of the housing.



**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 and T-Nuts for later use. Keep the grommets in the bezel mounts.

**Install LED Headlight:**



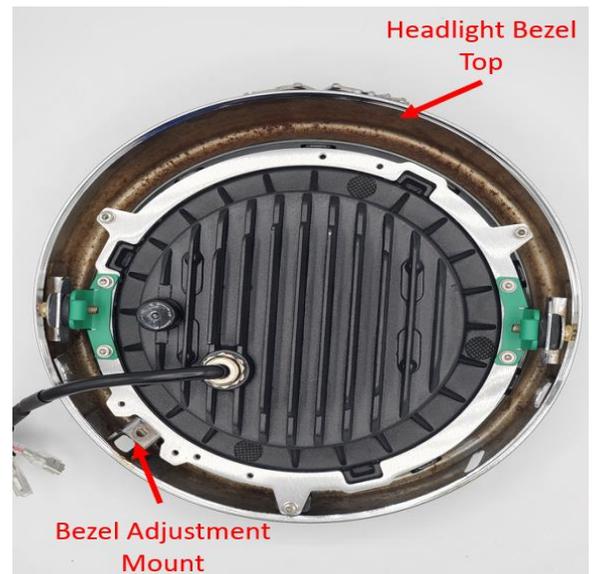
**Step 1:** Take the Key Ring and align the three keyways and keys of the LED Headlight. The LED headlight should be facing up and the adjustment mount location to be positioned to the bottom left.



**Step 2:** Apply the 4 provided EPDM gasket cutouts to the bottom side (tabs facing up) of the clamp ring in the approximate locations described above. This will cushion the LED headlight in the setup and reduce vibration. When applying use pressure for 20 seconds. This is an optional step.

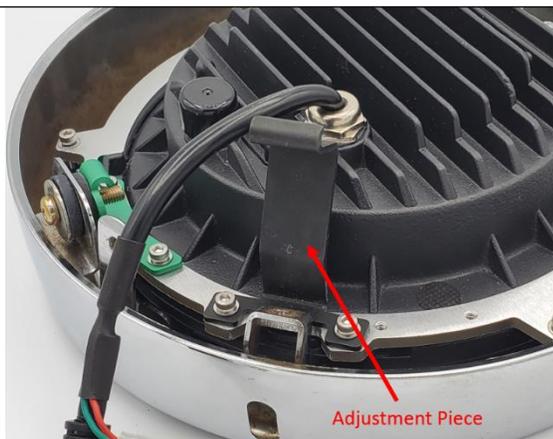


**Step 3:** Holding the light sideways put the clamp ring on the front of the headlight with the key ring still flush to the back of the light. Align the key and clamp ring holes (x3). The largest tab should be in the back (as pictured). One at a time take an M3 x 14 screw with a washer and place it through one of the holes. Apply the M3 Nylock nut loosely. Do this to the other two holes. Now tighten each nut while keeping each side relatively equal. Tighten until the headlight is secure. Overtightening will bow the clamp ring providing less grip to the light.



**Step 4:** Add the side mounts to the key ring using the supplied M3 x 6 socket head screws with an M3 washer. These screws have a thread locking patch on them. Do this for both side mounts. Both side mounts are identical.

**Step 5:** Slide the Headlight assembly in the Suzuki bezel from the back side. 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. You can use Blue Thread lock on the stock hardware.



**Step 6:** Now add the adjustment piece to the key ring using two M3 socket head screws and two M3 washers.



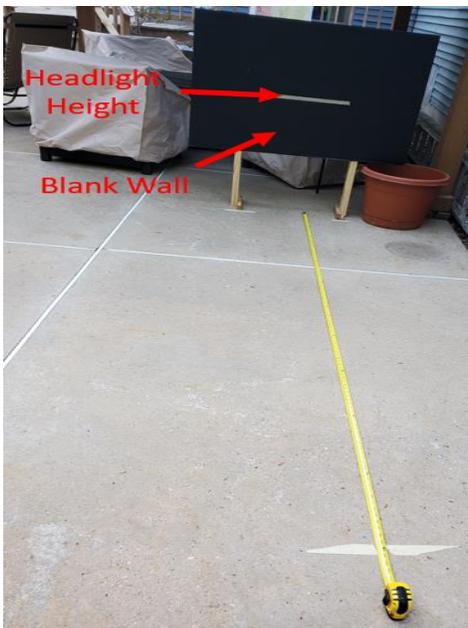
**Step 7:** Now add the stock adjustment spring between the bezel adjustment mount and the adjustment piece. Try to align the spring with both holes for the next step. *Take caution, the spring may launch under load.*



**Step 8:** Now 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 mount yet.

**Step 9:** 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 10:** 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. We will fine tune the adjustment next. Be sure that the key ring is not hung up on the bezel adjustment mount.



**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!

### **Maintenance:**

All hardware should be checked periodically (1000 miles). If riding on rougher terrain check more often. Hardware should be inspected and retightened. Contact [NLInnovationLLC@Gmail.com](mailto:NLInnovationLLC@Gmail.com) or visit us at [Nextlvlinnovation.com](http://Nextlvlinnovation.com) for more information.

### **Warning:**

Next Level Innovation LLC (NLI) is not associated with Suzuki. 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 ("SUZU-LED-ADT-01") will void the warranty.