



**American
Autowire**

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500881

1969 Camaro LED Front Light Kit



Installation Instruction Manual



Step 1

Remove the lamp housing from the vehicle.



Step 2

Remove the lens from the housing and the bulb from the socket. Remove the gasket and replace if necessary..



Step 3

Open the heat sealed end of the tube assembly where the wires protrude with a razor. This will allow the wires to slide out of the tube assembly.



Step 4

Pull the wires through the lamp socket end and cut off the lamp socket terminals.



Step 5

Pull the wires out of the tube assembly from the connector end. Remove factory grommet as this will be reused.



Step 6a

Next you will need to remove the internals of the lamp socket. To do this first locate the retaining dimple shown in the photo.



Step 6b

Then using a large flat bladed screw driver, smooth the dimple out from the inside. The socket is made of copper so this should not require a lot of force.



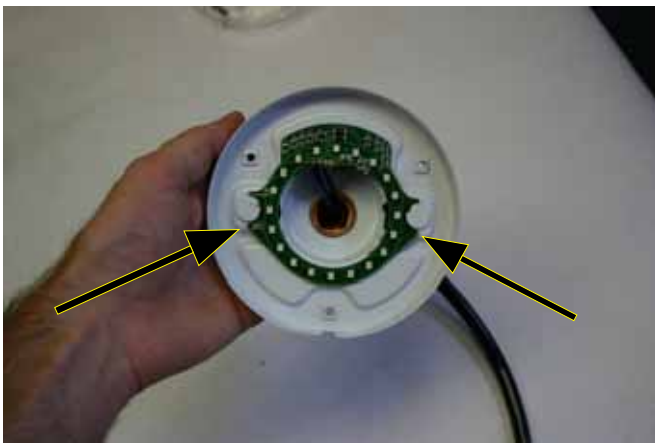
Step 6c

Once the dimple is pushed out the lamp socket internals can be removed



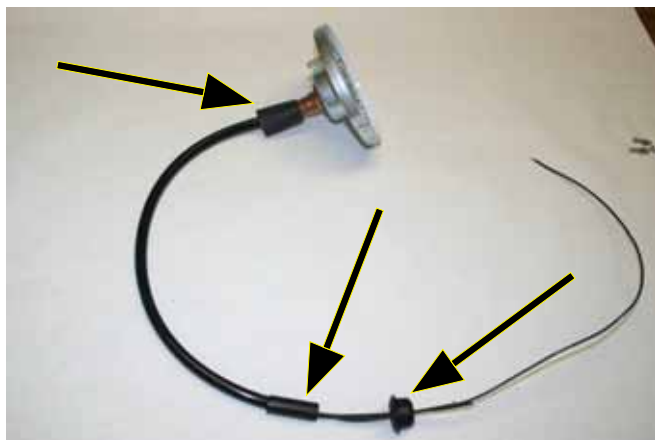
Step 7

Push wires from the back of the LED board through the housing and tube assembly.



Step 8

Apply a liberal amount of a quality silicone adhesive to the areas being indicated in the photo. Then press the LED board firmly against the housing as shown and let the adhesive dry.



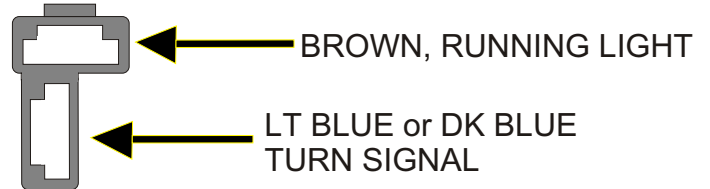
Step 9

Slide the supplied heat shrink tubing over the factory tube assembly, the large diameter piece will go up by the lamp socket while the smaller diameter piece will seal the wires to the tube assembly. Re-install the factory grommet as shown. Use a heat gun to shrink the heat shrink tubing in place.



Step 10

Apply the supplied silver female blade terminals on to the LIGHT BLUE, DARK BLUE, and BROWN wires. Apply the brass ring terminals to the BLACK ground wires. Plug the female terminals into the supplied female connector as shown below.



Male blade terminals and connectors are supplied in case your factory front light harness connector is missing or damaged.



Step 11

Re-install gasket and lens and install housing in vehicle. The new ground wire can be grounded with the headlight grounds or any other good chassis ground.

NOTE: It is very important to get a good clean ground for proper operation of the LED lights.

Step 12



OK, you are now finished. Just be aware of the following:

The LED front light kit is designed for best performance when using an electronic no-load flasher. Shown here is an optional electronic no-load flasher (500832) available from American Autowire.

When using a stock bi-metal flasher, it is recommended that a standard duty flasher be used instead of a heavy duty flasher. If your turn signal circuit includes LED turn signals in the front as well as the rear, the turn signal circuit will not have enough resistance load to operate an original style bi-metal flasher and this no-load flasher will be required for both the turn signal and hazard flashers.