



## Ziza® Interior Lighting Package Installation Procedures



Part Number  
ES2593862 (roadster)  
ES2569742 (coupe)  
for BMW E85/E86  
(Z4)  
(2003-2008)

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## Ziza Interior Lighting Package Installation

ES2569742 (coupe) and ES2593862 (roadster)



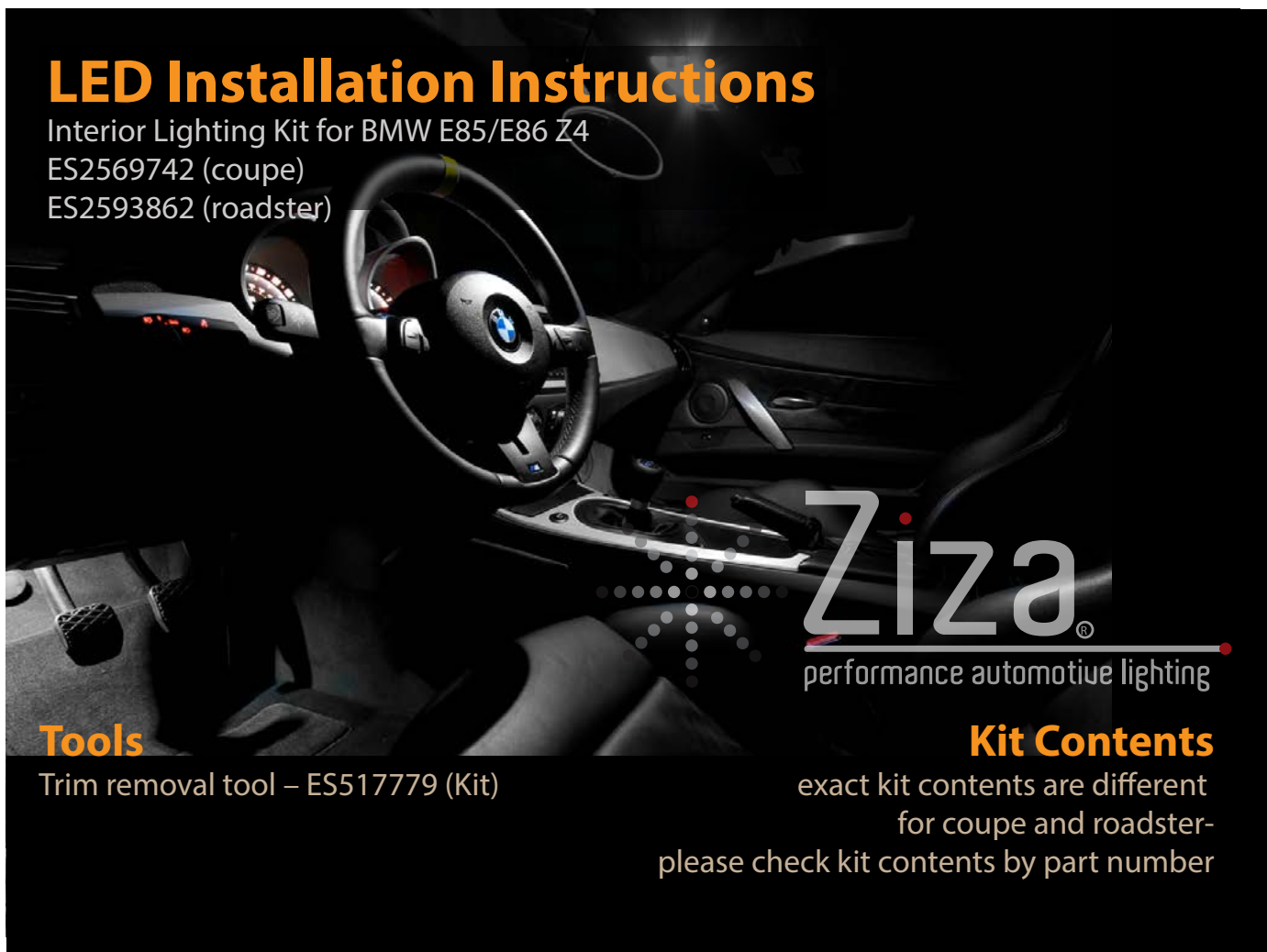
Fits BMW E85/E86 Z4

### LED Installation Instructions

Interior Lighting Kit for BMW E85/E86 Z4

ES2569742 (coupe)

ES2593862 (roadster)



**Ziza**  
performance automotive lighting

#### Tools

Trim removal tool – ES517779 (Kit)

#### Kit Contents

exact kit contents are different  
for coupe and roadster-  
please check kit contents by part number

This tutorial explains how to install the LEDs in your Ziza Interior Lighting Kit.



Make the job easier and prevent damage to headliners  
and other interior trim with **ECS Tuning Trim and Molding  
Removal Tool Sets: [ES2500877](#) and [ES517779](#).**

# Ziza Interior Lighting Package Installation

## ES2569742 (coupe) and ES2593862 (roadster)



Fits BMW E85/E86 Z4

### What are LEDs?

LEDs are Light Emitting Diodes, solid state devices that emit light when connected to electrical current. They have no moving parts or wire filaments to burn out. They emit a whiter light, run cooler, and last longer than the incandescent (filament style bulbs) we are replacing in this tutorial.

Unlike filament bulbs, LEDs are polarity sensitive. They have plus and minus (positive and negative) electrical terminals that must match the polarity of the applied voltage. Installing the bulbs “backwards” in the light bulb sockets (with reversed polarity) will not harm them, but they will not light. Flipping the bulb 180 degrees in the electrical connector cures this problem.

### Bulb Types

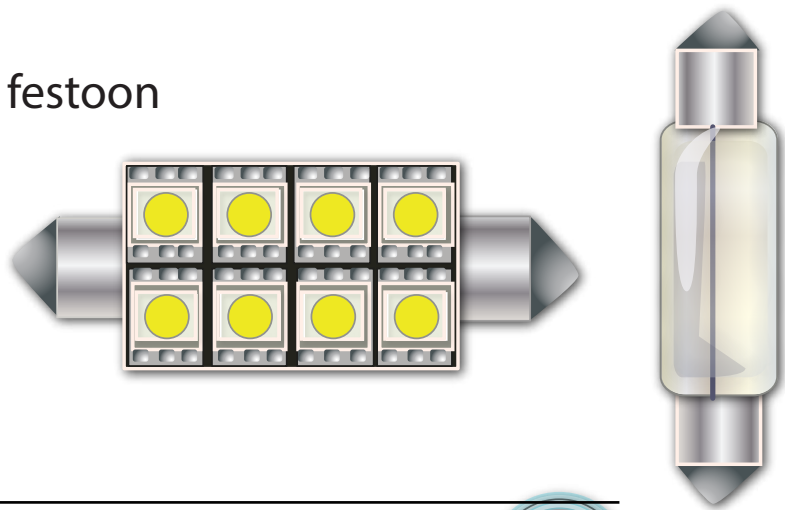
This kit includes two bulb types, classified by their general shape.

**FESTOON** - Conventional incandescent **festoon** bulbs have a shape and general appearance that is similar to a glass fuse.

Metal caps attached to both ends of a glass tube are sealed to the tube and attached to the bulb filament. End caps mount the bulb in its holder and also conduct electrical current.

LED festoon lights have the same pointed end caps, but are attached to a bank of LEDs instead of a filament tube.

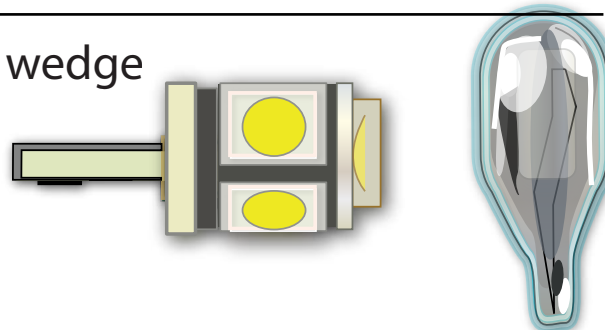
festoon



**WEDGE** - Wedge style bulbs get their name from the shape of the bulb base. The tapered end of the bulb “wedges” into the bulb socket.

LED wedge lights fit the bulb socket like a filament bulb, but are polarity sensitive.

wedge



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Fits BMW E85/E86 Z4

## General Tips

- When prying down on the assemblies to remove them, pry on the notched end of the lens. Insert the narrow tool tip **between** the lens plastic and any metal collar used to reinforce the lens mounting hole. Push in on the retaining clip first to compress and release it. Then pry down.
- The spring bulb retainer is also the circuit conductor. If necessary, gently bend the metal retainer so it holds the bulb tight. This will help prevent intermittent or flickering LED operation caused by a loose connection.
- Install the bulbs with the LEDs facing toward the lens.

### festoon

incandescent

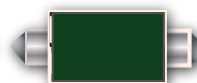


LED

front



back



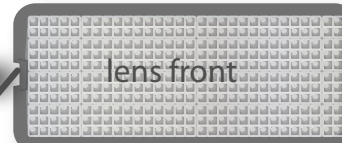
### assembly removal

non mar pry tool

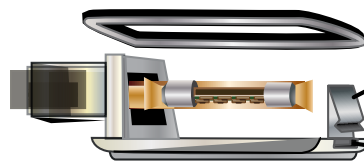


notch

lens front



metal collar in trim panel

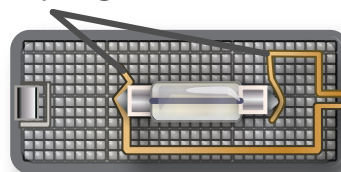


retaining clip  
(plastic or metal)

notch

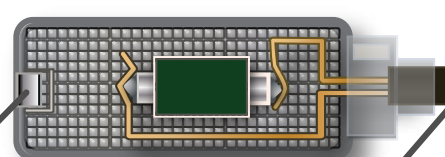
### Bulbs

spring bulb retainer



lens side clip

lens back



electrical connector

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ES2569742 (coupe) and ES2593862 (roadster)



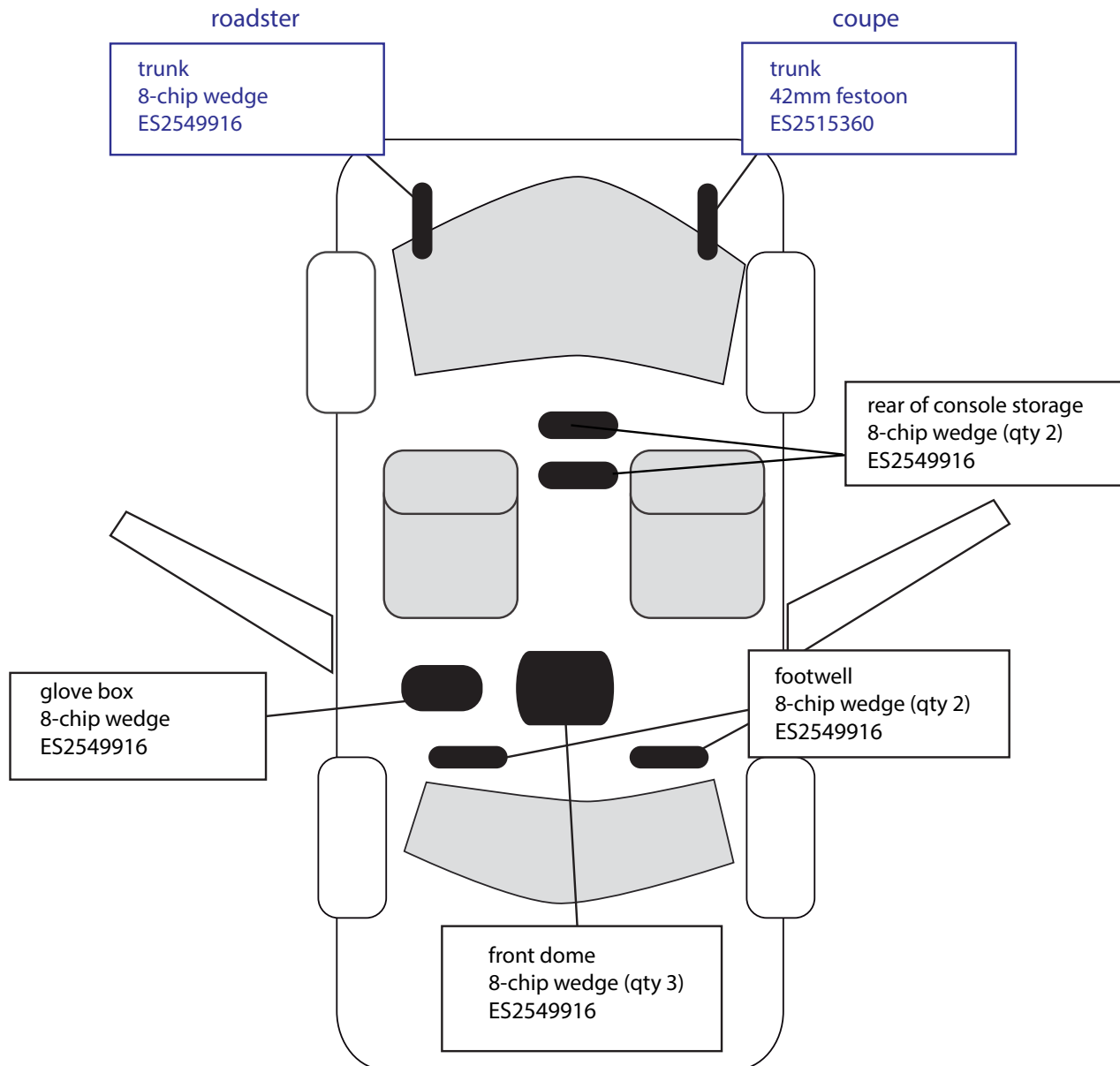
Fits BMW E85/E86 Z4

## Ziza Interior Lighting Kit Locations

Make \_\_\_\_\_ BMW \_\_\_\_\_

Model \_\_\_\_\_ E86 \_\_\_\_\_ E85 \_\_\_\_\_ (Z4) \_\_\_\_\_

Kit Part Number \_\_\_\_\_ ES2569742 \_\_\_\_\_ or \_\_\_\_\_ ES2593862 \_\_\_\_\_





# Ziza Interior Lighting Package Installation

ES2569742 (coupe) and ES2593862 (roadster)



Fits BMW E85/E86 Z4

## Front Dome LED Installation



### Front Dome - Step 1

Using a non-marring plastic removal tool, pry down at the rear edge of the dome light assembly.

Push inward to compress the metal spring clips first, then pry down.

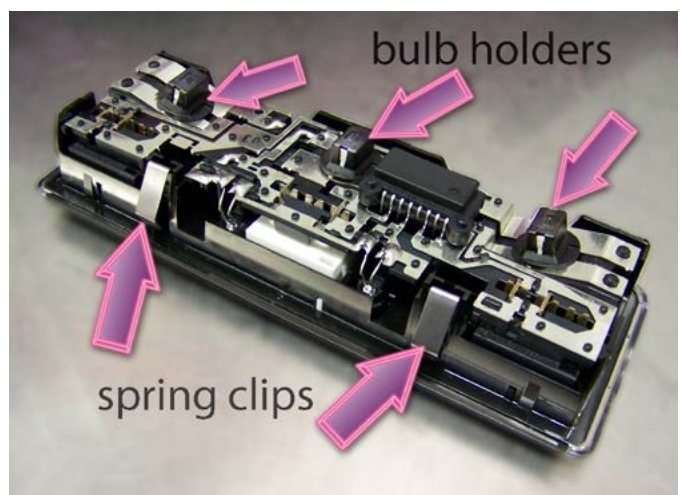
(See Step 2 for a photo showing the exact spring clip location.)



### Front Dome - Step 2

The three wedge style bulb holders are located in the back of the dome light assembly (top arrows). Twist and pull to remove them.

The lower arrows indicate the location of the light assembly spring clips we compressed in Step 1.



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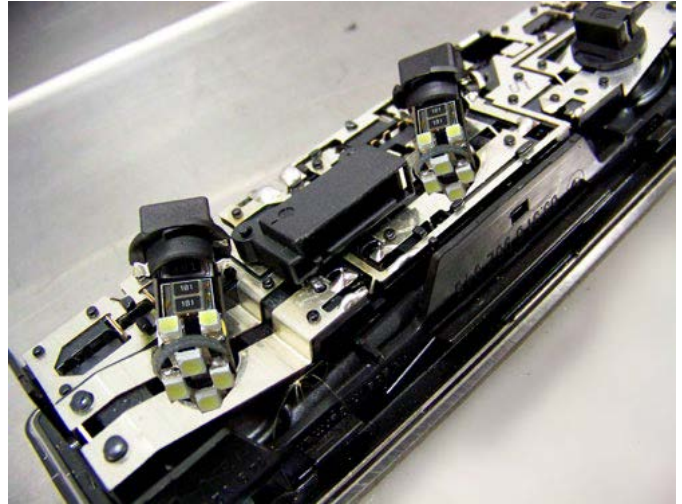
Fits BMW E85/E86 Z4

### Front Dome - Step 3

Replace the three original glass filament bulbs with 8-chip wedge base LEDs.

Reinstall the bulb holders.

The LEDs are polarity sensitive. If they do not work when initially installed and tested, remove them and rotate them 180 degrees in the bulb holder to get them working.



### Front Dome - Step 4

Snap the dome light assembly back in place in the headliner.



### Trunk Light - Step 1

Pry out on the lower edge of the trunk light assembly to remove it from the trunk liner.

We were able to remove it with our fingers; you may wish to use a trim tool.





## Ziza Interior Lighting Package Installation

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Fits BMW E85/E86 Z4

### Trunk Light - Step 2

Remove the glass bulb and replace it with a 42mm festoon LED array. Make sure the LED chips face toward the lens in the light assembly.

The LEDs are polarity sensitive. If the LED array does not light when initially tested, flip the array end-for-end to get it working.

**Note:** E85 Z4 Roadsters use a different trunk light, an 8-chip wedge base LED like the ones used throughout the interior. Your kit includes the correct LEDs for your application.



### • Glove Box • Footwell • Center Console LED Installation

All remaining lights in the Z4 use a wedge base bulb socket. Replace the original glass bulbs with an 8-chip wedge base LED.

Some of the remaining light assemblies have a black plastic heat shield, others do not.

Our next photos show tips and cautions for LED installation at these locations



# Ziza Interior Lighting Package Installation

## ES2569742 (coupe) and ES2593862 (roadster)



Fits BMW E85/E86 Z4

### Removing the Light Housings-Footwells

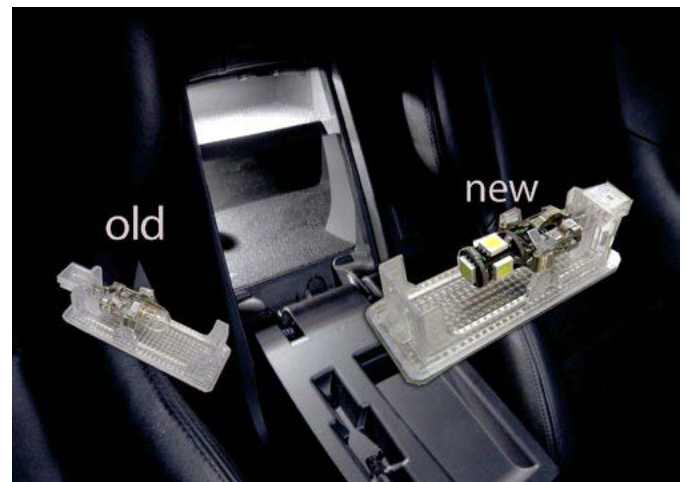
All remaining lights are removed by prying on the notched end of the light assemblies, as described in the general instructions on page 4 of this pdf.

There are two footwell lights, located in the left and right side underdash panels.



### Removing the Light Housings-Storage Compartment

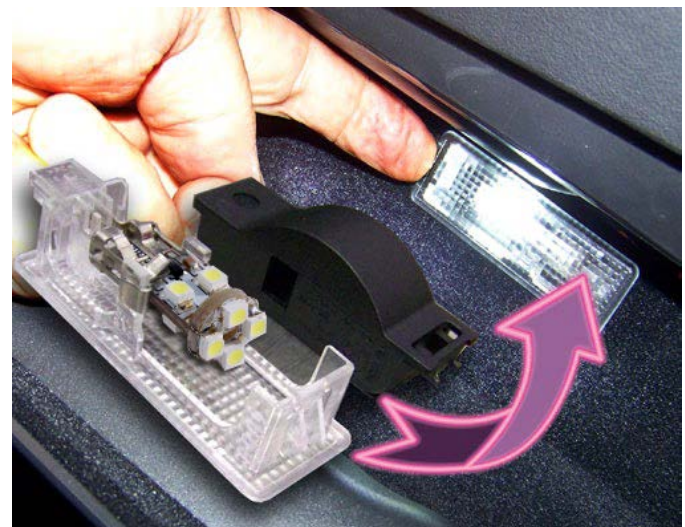
There are two light assemblies located inside the storage compartment between the seats.



### Removing the Light Housings-Glove Box

There is a single light inside the glove box.

If any 8-chip wedge base LED does not work initially, remove it and rotate it 180 degrees in the holder to get it working.



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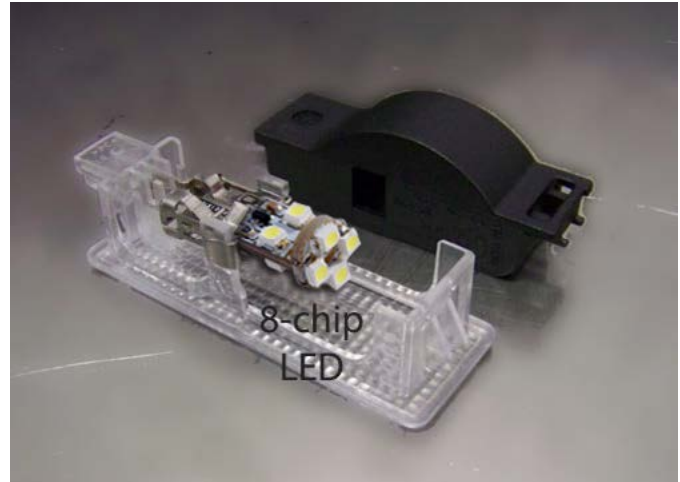


Fits BMW E85/E86 Z4

### Removing Heat Shields - Step 1

Several of the lights have a black plastic heat shield covering the bulb. The shields snap in place.

Our photo shows a light assembly with a new LED installed and its heat shield removed.



### Removing Heat Shields - Step 2

The heat shield plastic may be heat hardened, stiff and inflexible. Pry very carefully when removing the shields or you will damage the clear plastic tabs in the light assembly that hold the shield in place.

We experimented and discovered that warming the black plastic with an electric hair dryer makes it more pliable.



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**This concludes the installation of the Ziza Interior Light Kit.**