

# ECS TUNING®

## Ziza® Interior Lighting Package Installation Procedures



Part Number [ES2570154](#)  
for Porsche Cayenne  
**955**  
(2003-2006)

and Part Number [ES2678334](#)  
for Porsche Cayenne  
**957**  
(2008-2010)

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# Ziza Interior Lighting Package Installation

## ES2570154 and ES2678334



Fit Porsche 955 (2003-2006) and 957 (2008-2010)

## LED Installation Instructions

Interior Lighting Kit for Porsche Cayenne 955 (2003-2006 M/Y)

ES2570154

ES2678334



### Kit Contents

### Tools

Trim removal tool – ES517779 (Kit)

8-chip wedge base white LED (qty 4)

5-chip wedge base white LED (qty 12)

42mm white LED festoon (qty 1)

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: [ES250087](#) and [ES517779](#).**

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## ES2570154 and ES2678334



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### 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.

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### Bulb Types

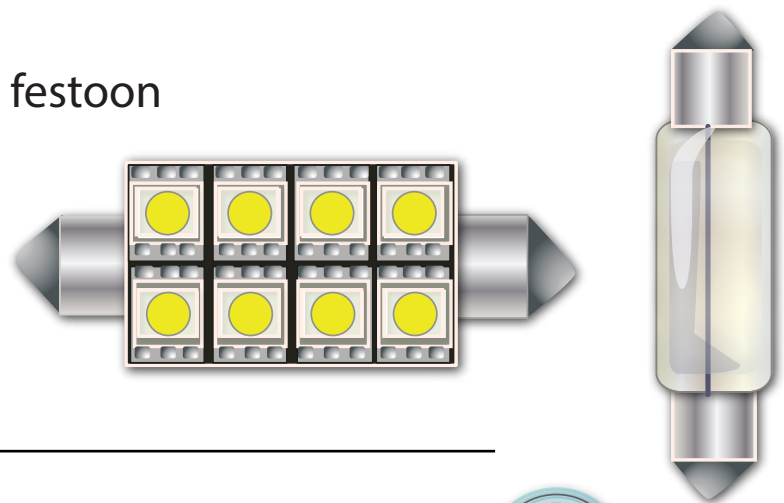
This kit includes two bulb types, classified by their general shape.

**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.

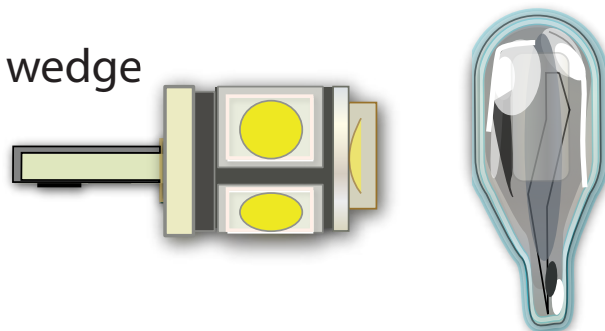
festoon



**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



# Ziza Interior Lighting Package Installation

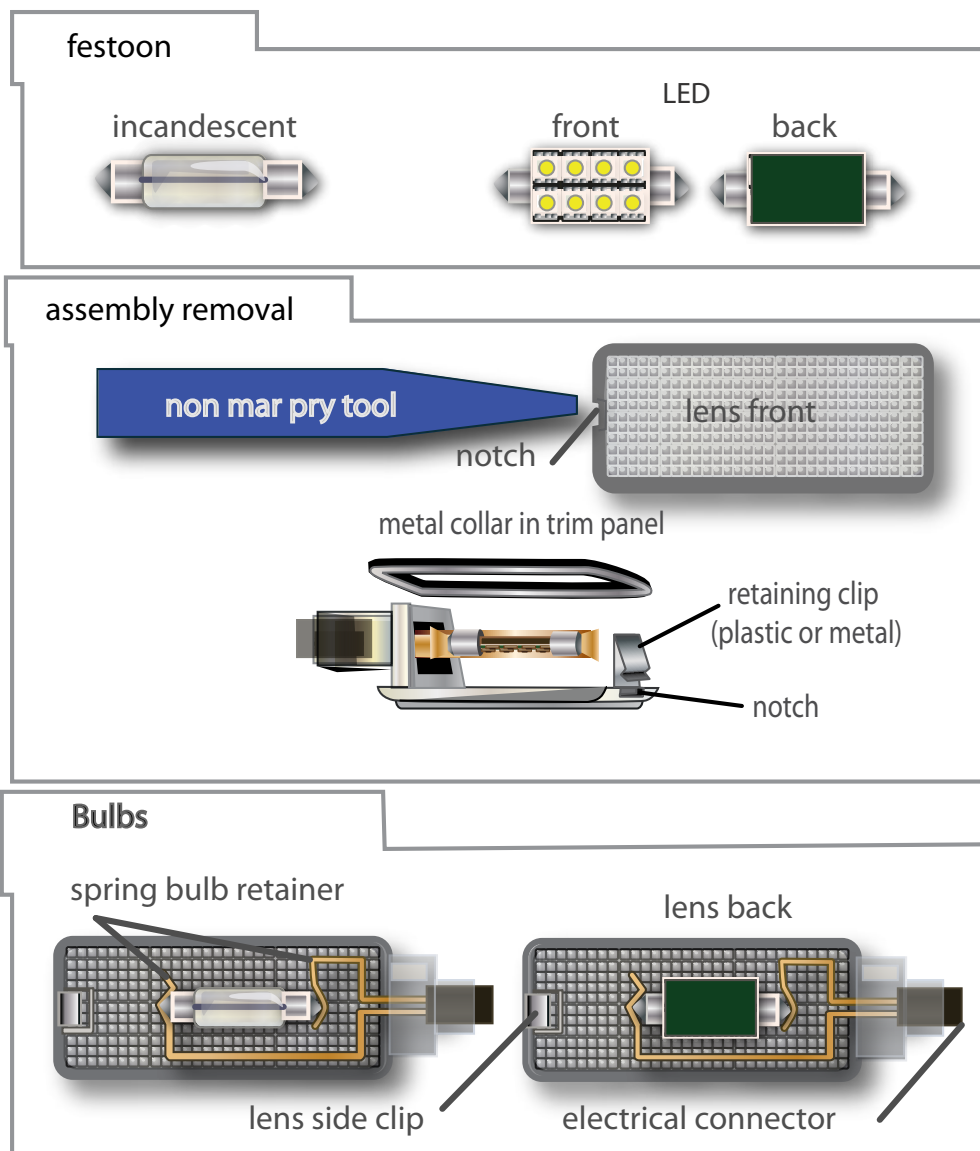
## ES2570154 and ES2678334



Fit Porsche 955 (2003-2006) and 957 (2008-2010)

### 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.



# Ziza Interior Lighting Package Installation

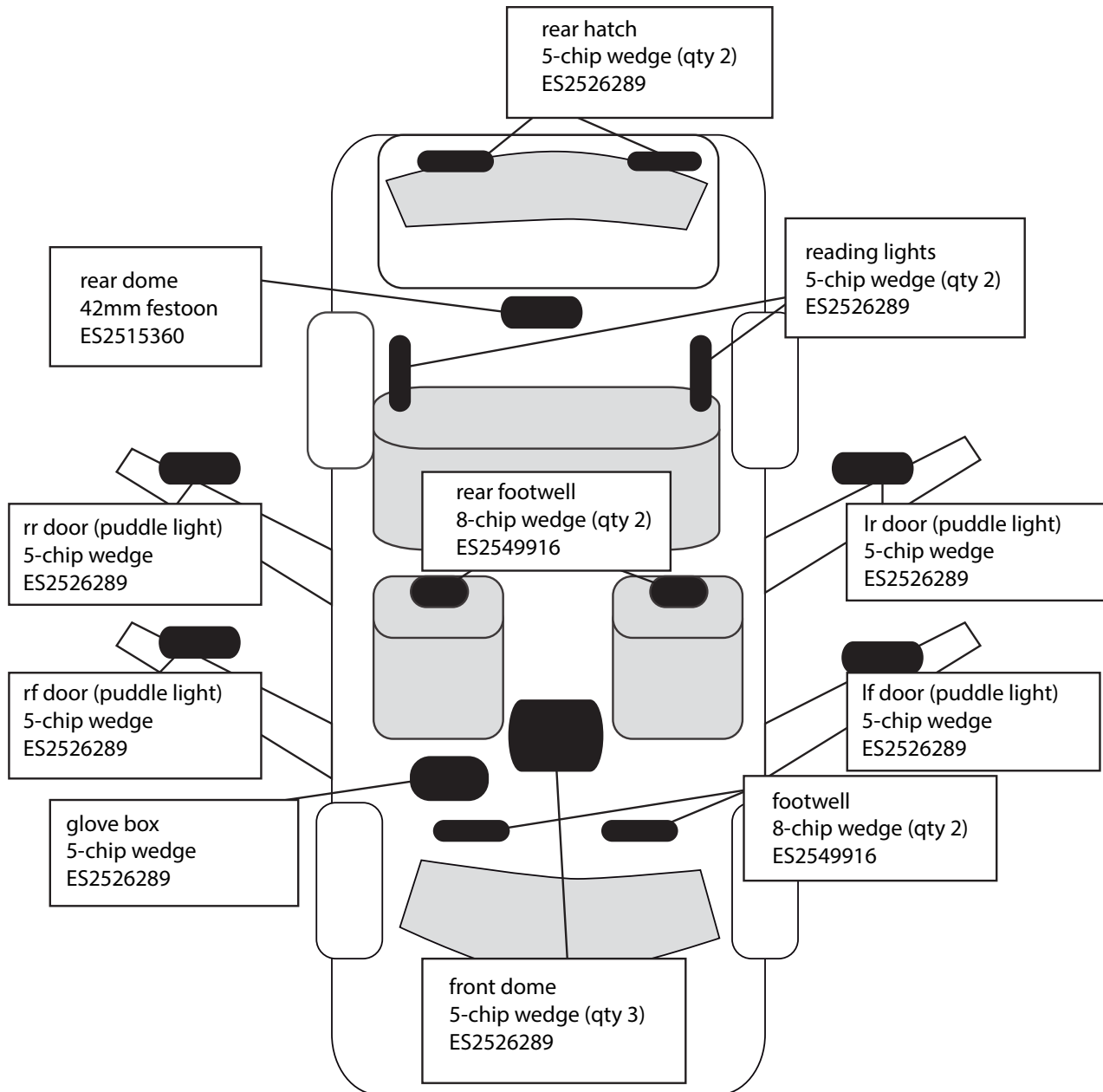
## ES2570154 and ES2678334



Fit Porsche 955 (2003-2006) and 957 (2008-2010)

### Ziza Interior Lighting Kit Locations

Make \_\_\_\_\_ Porsche \_\_\_\_\_  
Model \_\_\_\_\_ Cayenne 955 (2003-2006 M/Y) \_\_\_\_\_ and 957 (2008-2010) \_\_\_\_\_  
Kit Part Numbers \_\_\_\_\_ ES2570154 \_\_\_\_\_ ES2678334 \_\_\_\_\_



# Ziza Interior Lighting Package Installation

## ES2570154 and ES2678334



Fit Porsche 955 (2003-2006) and 957 (2008-2010)

### Before You Start

The 2003-2006 Cayenne is somewhat unusual among Euro-cars: almost all interior light fixtures use the same wedge base bulb holder. There are a total of 16 of them at various interior locations—from front dome lights to footwells. (A single 42mm festoon bulb is used for the rear dome light, the lone exception.)

We'll begin our tutorial with general tips on LED installation procedures, then roam the car showing individual light fixture locations.



### Wedge Base Light Assemblies - Step 1

Use a plastic trim removal tool to pry the lights out of their holes at various locations. (Use the general reference on page 4 of this pdf for removal tips.)

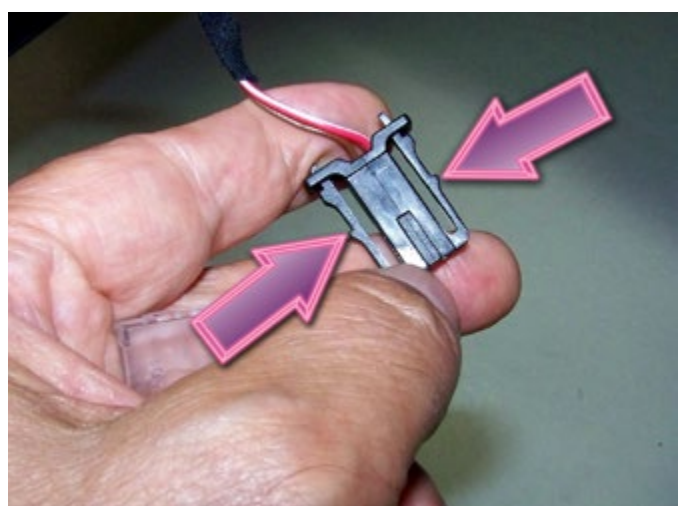
Most of the wedge base light fixtures like this glove box light have a stamped metal heat shield. The shield metal is thin, easily bent, and may be sharp enough to cut you, so work carefully.



### Wedge Base Light Assemblies - Step 2

If you find it easier to do so, you can unplug any of these lights from its electrical connector and take it to a well-lighted work area.

To unplug a connector from a wedge base light with metal shield, squeeze the connector at the points shown by the arrows, and pull it out of the light fixture.



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### Wedge Base Light Assemblies - Step 3

The heat shields must be removed to swap bulbs for LEDs.

Using a small screwdriver or similar tool, pry at the locking tabs on both sides of the shield to release it.

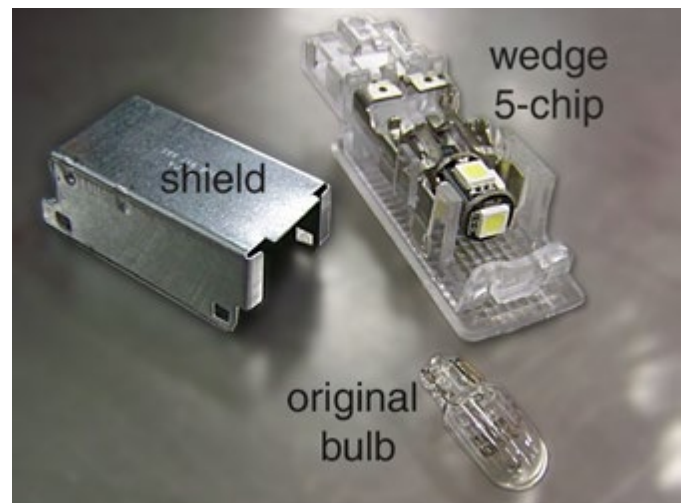
**Note:** If you bend the metal slightly, it's no big deal. Just straighten the metal again before snapping the shield back in place, after the bulb swap.



### Wedge Base Light Assemblies - Step 4

This photo shows a wedge base light fixture with its shield removed. The original bulb has been replaced by a 5-chip LED array.

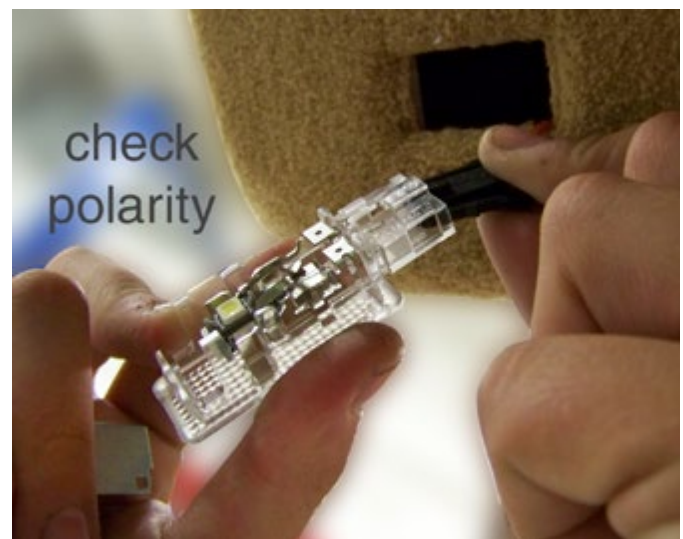
These LED arrays are polarity sensitive. If any does not work when initially installed, remove it. Then rotate it in the bulb socket to get it working.



### Wedge Base Light Assemblies - Step 5

Always test LED operation BEFORE reinstalling the heat shield. That way, you can flip any LED over in its bulb holder if it doesn't work the first time.

Now that you understand general procedures, let's go out to the Cayenne and install the LED kit.



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### Front Dome - Step 1

Using the plastic trim removal tool, pry down on the rear edge of the front dome light lens as shown.

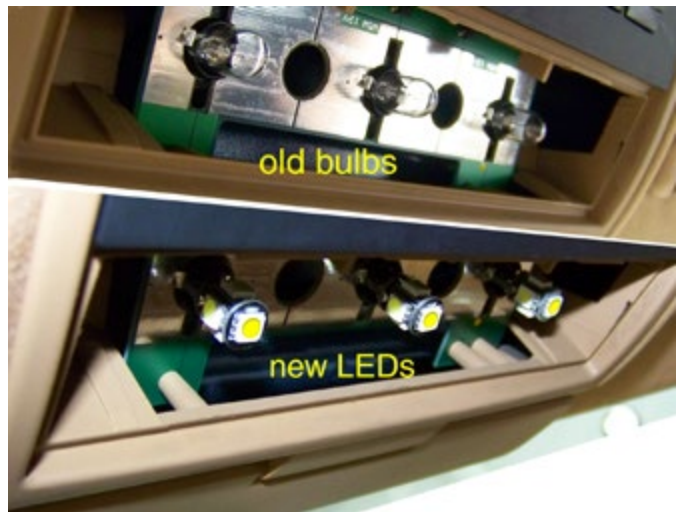
Work carefully to release the plastic clips without breaking them, and remove the lens.



### Front Dome - Step 2

Pull the old glass bulbs straight out of their holders.

Insert the new 5-chip LEDs in their places. If any LED array does not light initially, remove and rotate it 180 degrees in its holder to get it working.



### Front Dome - Step 3

When all LEDs are working properly, snap the front dome light lens cover back in place to complete the installation.



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### Glove Box

Using the trim removal tool, pry down the notched end of the glove box light.

Remove the light and use the steps outlined earlier in this pdf to remove the heat shield, and install the new 5-chip LED.

Pop the glove box light back in place in the glove box liner.



### Footwells

There are four footwell lights: two in the front, located in the underdash panels. Rear footwell lights are located at the front seat bottoms (shown here).

Remove the light and use the steps outlined earlier in this pdf to remove the heat shield, and install the new 8-chip LED.

Pop the footwell lights back in place.



### Puddle Lamps

Each of the four vehicle doors has a puddle lamp.

Using the trim removal tool, pry down the notched ends of each puddle lamp assembly to remove it.

Use the steps outlined earlier in this pdf to remove the heat shield, and install the new 5-chip LED.

Pop the puddle lamps back in place.



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**reading lights,  
rear dome,  
and rear hatch**



### Reading Lights - Step 1

There are two reading lights located near the pull handles in the headliner, right above the rear door openings.

Using the trim removal tool, pry down to remove the reading light lens/light assembly from the trim bezel in the headliner.



### Reading Lights - Step 2

You may find it easier to unplug the light from the wiring harness connector (arrow) and take the assembly to clean, well lighted work area.



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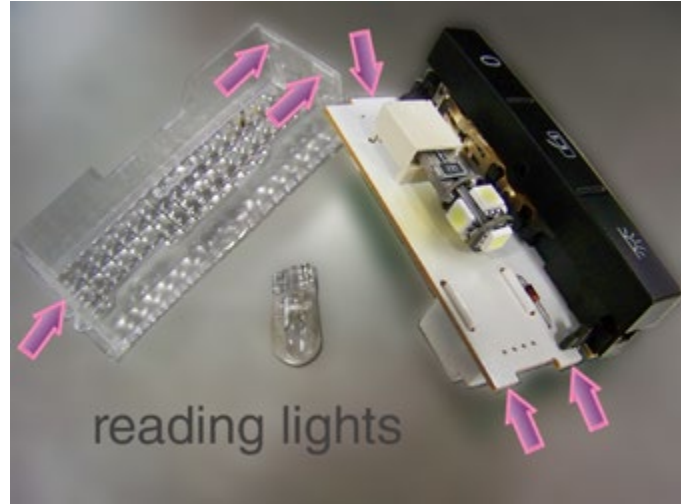
### Reading Lights - Step 3

Pry carefully in the locations shown by our arrows to release the lens cover tabs. Pull the cover.

Replace the original glass bulb with a 5-chip LED.

Reconnect the light to the wiring harness and test the 5-chip LED before reinstalling the lens on the assembly.

If necessary, flip the LED in the bulb holder to get it working.



### Reading Lights - Step 4

Pop the reading light assembly back in place in the reading light trim bezel.

Repeat the process at the opposite side to complete the reading light installation.



### Rear Hatch

There are two lights located in the carpeted lower inside panel of the rear hatch.

Pry them from the panel using the trim removal tool and replace the original glass bulbs with 5-chip LEDs as you did with glove box and puddle lamps.



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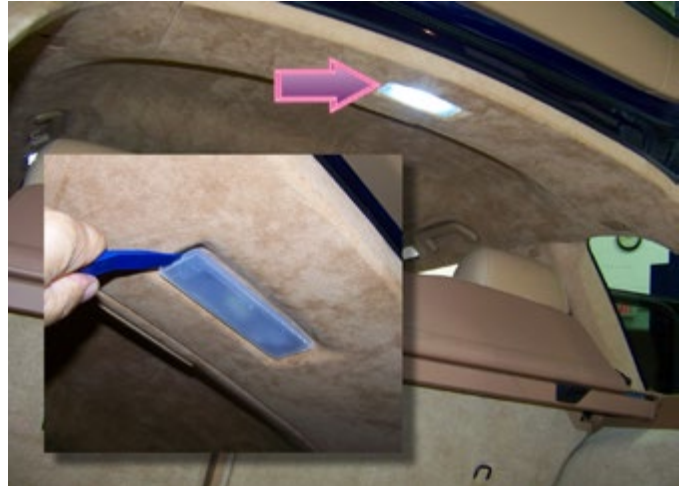


Fit Porsche 955 (2003-2006) and 957 (2008-2010)

### Rear Dome Light - Step 1

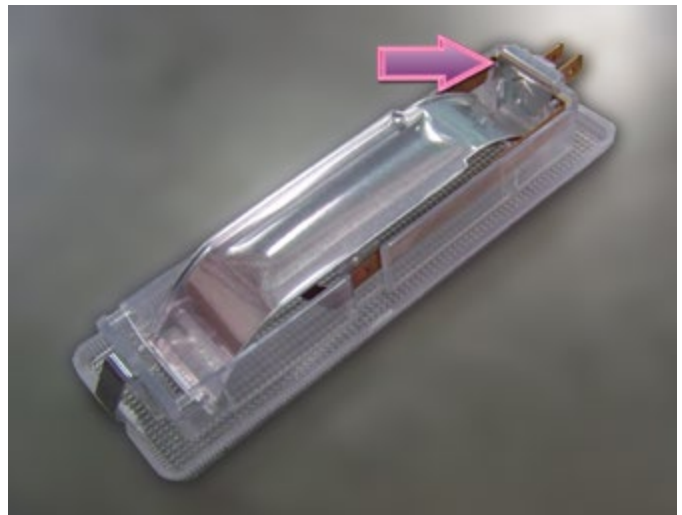
We've saved the rear dome light for last since it is the only festoon bulb in the car.

Use your trim tool to push in and compress the spring clip in the light assembly (inset photo) as you pry down and remove the dome light assembly from the headliner.



### Rear Dome Light - Step 2

Pry up on the metal heat shield on the side way from the spring clip (the side with the electrical connectors).

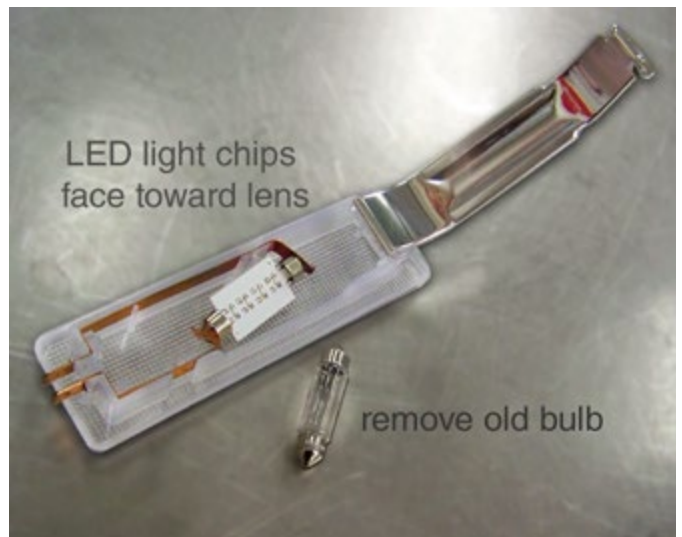


### Rear Dome Light - Step 3

Lever the shield up and out of the way. Remove the festoon glass bulb and install the 42mm festoon LED array.

The festoon array is polarity sensitive. If it does not work when initially installed, flip it end-for-end in the holder to get it working.

Lever the heat shield back until it snaps in place. Reinstall the rear dome light in the headliner.



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### Rear Dome Light - Special Note

The backing warning LED array is located in the headliner, just ahead of the rear dome light.

There is no need to remove this assembly during the LED installation.



This concludes the installation of the Ziza Interior Light 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](#).**