



## Installation Procedures



Part Number [ES2539096](#)  
for Audi  
B8 A5/S5/RS5

*best viewed with Acrobat Reader*

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# Ziza Interior Lighting Package Installation

## ES2539096



Audi B8 A5/S5/RS5

## LED Installation Instructions

Interior Lighting Kit for Audi B8 A5 S5 RS5  
ES2539096



### Tools

Trim removal tool – ES517779 (Kit)  
T25 Torx driver

### Kit Contents

8-chip wedge base white LED (qty 6)  
5-chip wedge base white LED (qty 2)  
36mm white LED festoon (qty 4)

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](#).**

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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

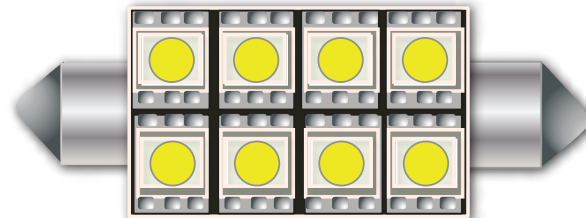
This kit includes three bulb types, classified by their general shape.

**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.

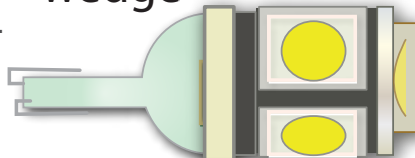
festoon



**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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### 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.

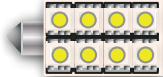
#### festoon

incandescent

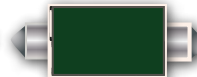


LED

front



back

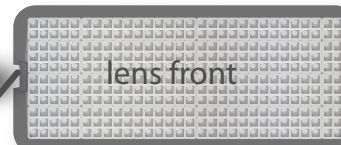


#### assembly removal

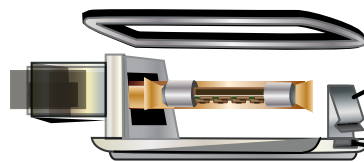
non mar pry tool



notch



metal collar in trim panel

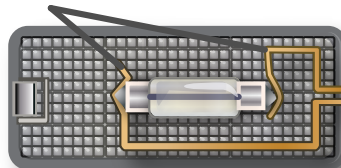


retaining clip  
(plastic or metal)

notch

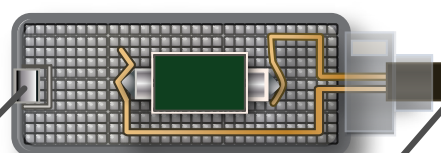
#### Bulbs

spring bulb retainer



lens side clip

lens back



electrical connector

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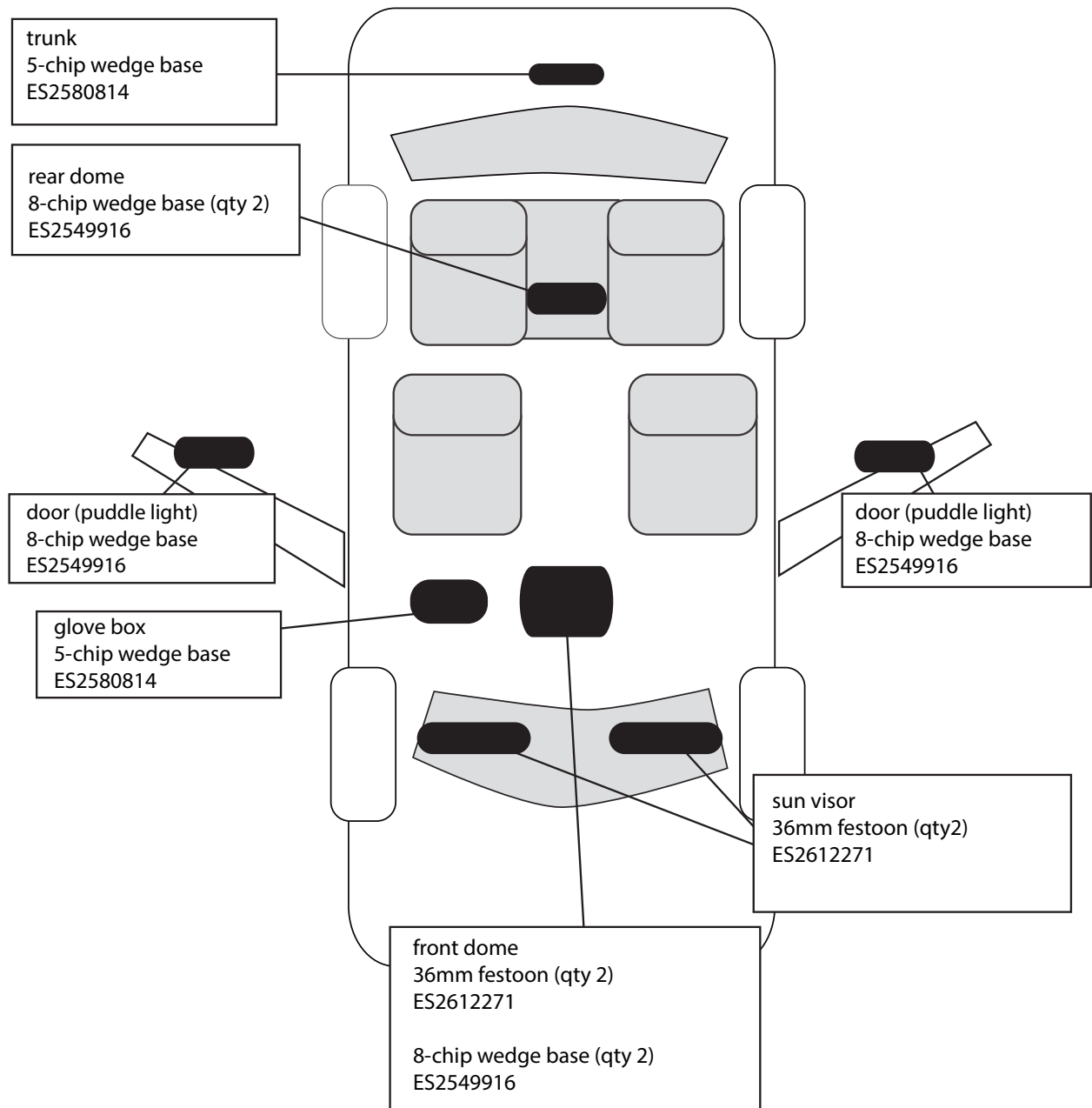
Audi B8 A5/S5/RS5

### Ziza Interior Lighting Kit Locations

Make \_\_\_\_\_ Audi \_\_\_\_\_

Model \_\_\_\_\_ B8 A5/S5/RS5 \_\_\_\_\_

Kit Part Number \_\_\_\_\_ ES2539096 \_\_\_\_\_





## LED Installation Steps



### Front Dome - Step 1

For demonstration purposes, we will disconnect and remove the front dome light console from the car. You may be able to install the LEDs while the light assembly hangs from its wires, although some will prefer disconnecting the wiring connectors, and taking the console to a bench.

To lower the light console, open the sunglasses tray and remove the single T25 Torx screw.



### Front Dome - Step 2

Reach up into the sunglass holder cavity and pull downward on the front of the console to release it from the spring clips holding it in place.



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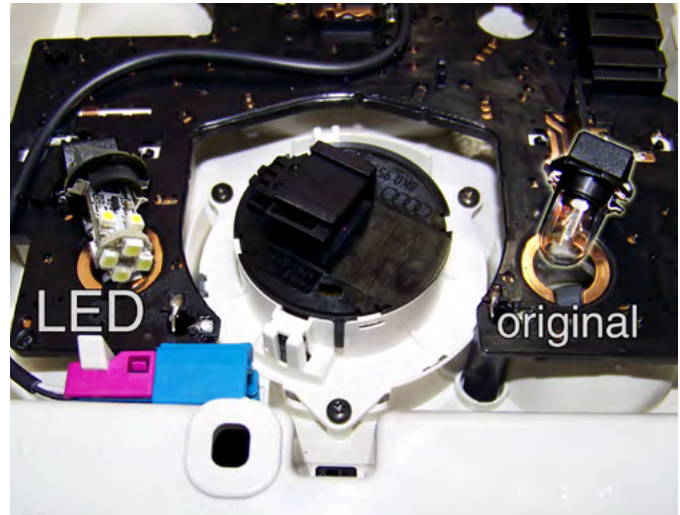


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### Front Dome - Step 3

Twist and pull to remove the two wedge base bulb holders located in the rear of the console. Replace the original filament bulbs with 8-chip wedge base LEDs.

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



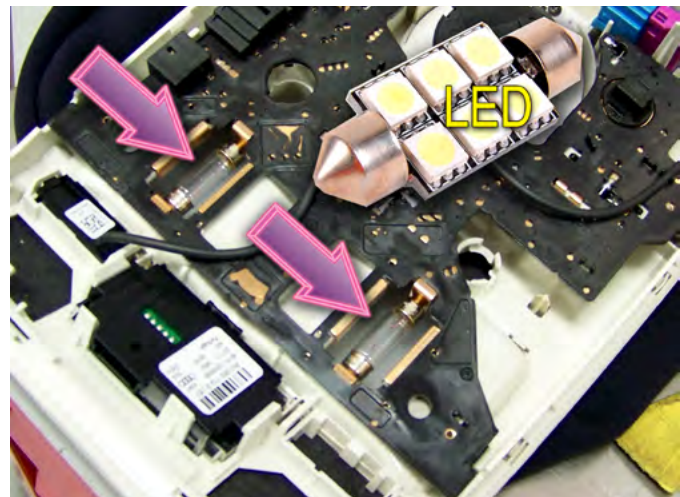
### Front Dome - Step 5

There are two festoon bulbs in the console.

Working from the back of the console, it is possible to pry out the old filament style festoon bulbs and replace them with new 36mm festoon LED arrays.

This is a tight fit, however, and may be awkward.

The next step shows an alternate approach



### Front Dome - Step 6

Another way to replace the festoon bulbs is to pry the white lens from the front of the console.

Pry carefully at the front edge of the white plastic to pop the lens loose. Use a thin prying device that will not scratch, nick, or mar the plastic lens.





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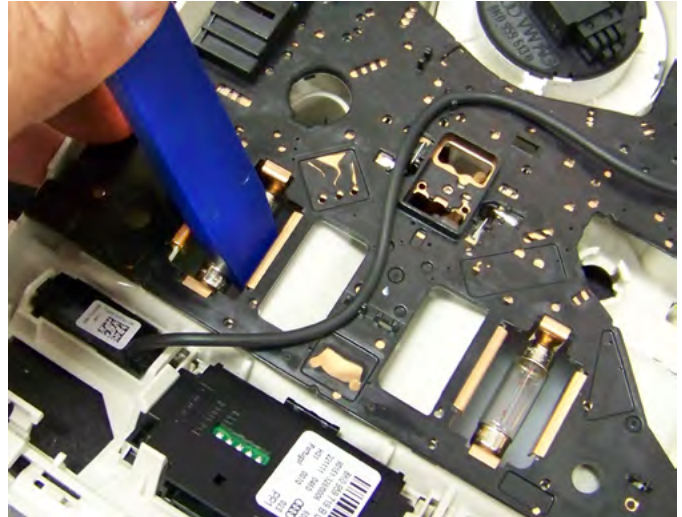


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### Front Dome - Step 7

**Special note:** If you find it difficult to pry the lens loose from the front, you can push it out from the back of the console.

Insert the trim tool beside one of the original festoon bulbs, and push on the back of the lens near the attachment clips to pop it free.

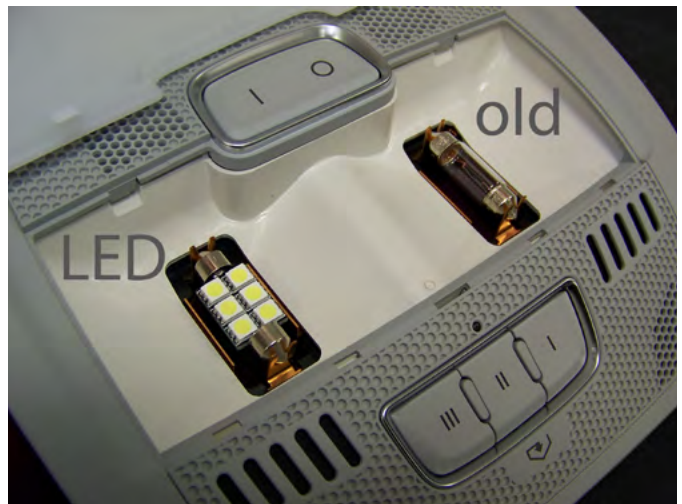


### Front Dome - Step 8

Remove the old glass festoon bulbs and replace them with the new 36mm festoon LED arrays.

Old and new bulbs are shown here for comparison.

Snap the lens back in place.



### Front Dome - Step 9

Reinstall the dome light console.

- Insert the rear of the console into the headliner and push the front upward, as shown.
- Replace the attachment screw removed in Step 2, and close the sunglasses holder to complete the front dome light installation.





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### Vanity Lights - Step 1

Use a non-marring trim removal tool, pry down on the notched end of the vanity light to release the spring clip.



### Vanity Lights - Step 2

Pull the light assembly down and pry off the metal heat shield located on the back of the light assembly.



### Vanity Lights - Step 3

Pry the old glass festoon bulb from the holder and replace it with a 36mm festoon LED array. The LED chips should face toward the lens, as shown.

Reinstall the heat shield.

Reinstall the light assembly in the headliner, and repeat the process on the opposite side of the car to complete the vanity light installation.



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### Glove Box Light

Pry at the notched end of the light housing in the glove box. Pull the light down. Pry off the white plastic heat shield from the back of the light.

Replace the wedge base filament bulb with a 5-chip LED. If the LED does not work when initially tested, rotate it 180 degrees in the bulb holder to get it working.

Reinstall the cover on the assembly, and snap the entire light assembly back in place in the glove box liner.

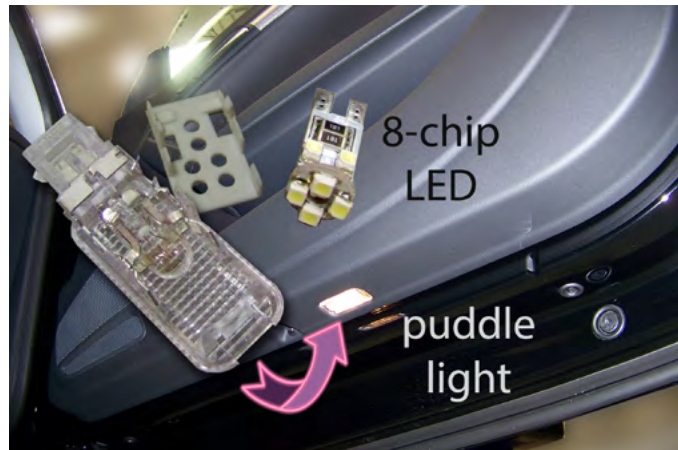


### Puddle Lights

In similar fashion to the glove box light, pry down at the notched end of the puddle light housing in the door bottom. Pull the light down.

Replace the wedge base filament bulb with an 8-chip LED. If the LED does not work when initially tested, rotate it 180 degrees in the bulb holder to get it working.

Repeat at the opposite door.



### Trunk Light - Step 1

Pry down at the notched end of the light assembly in the roof of the trunk.





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### Trunk Light - Step 2

Use the non-marring trim tool to pry off the black plastic cover located on the back of the light assembly.



### Trunk Light - Step 3

Replace the wedge base filament bulb with a 5-chip LED. If the LED does not work when initially tested, rotate it 180 degrees in the bulb holder to get it working.

Reinstall the plastic cover removed in the previous step.

Reinstall the light assembly in the trunk.



### Rear Dome - Step 1

Use the non-marring trim tool to pry down the rear dome light assembly. Push up and inward to compress the spring clip retainers.

(See next photo for detail.)



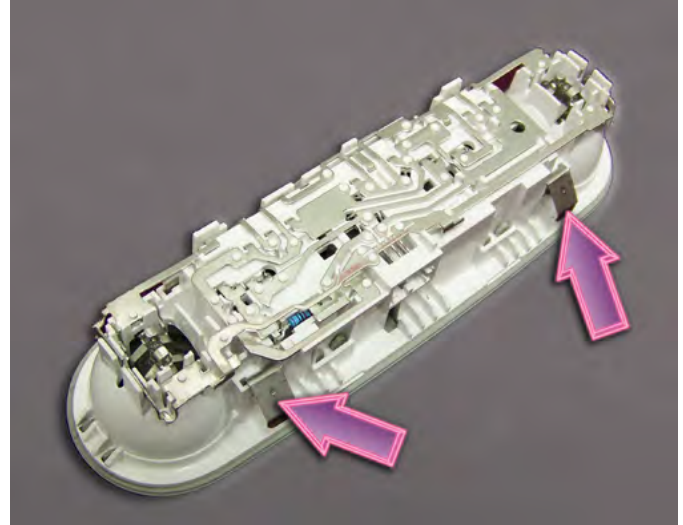
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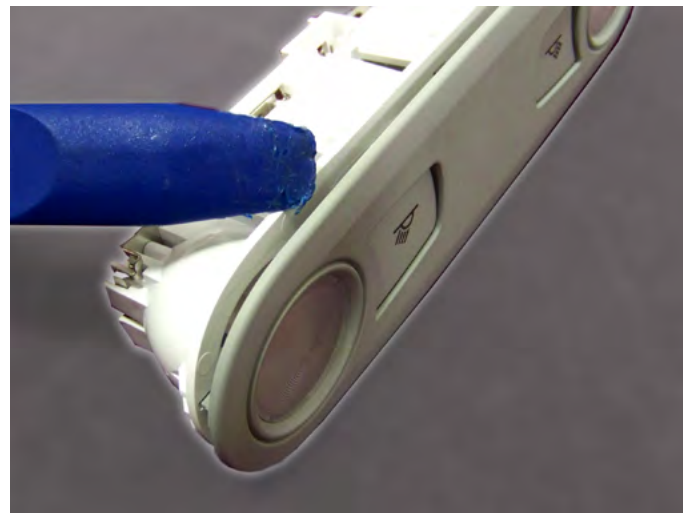
### Rear Dome - Step 2

This photo shows the exact location of the metal spring clips (arrows) that hold the light assembly in place in the headliner. When removing the light, push against these clips with the tip of the trim tool to compress them.



### Rear Dome - Step 3

Using the non-marring plastic trim removal tool, pry the front trim away from the light assembly. Pry gently at several places until the cover pops off.

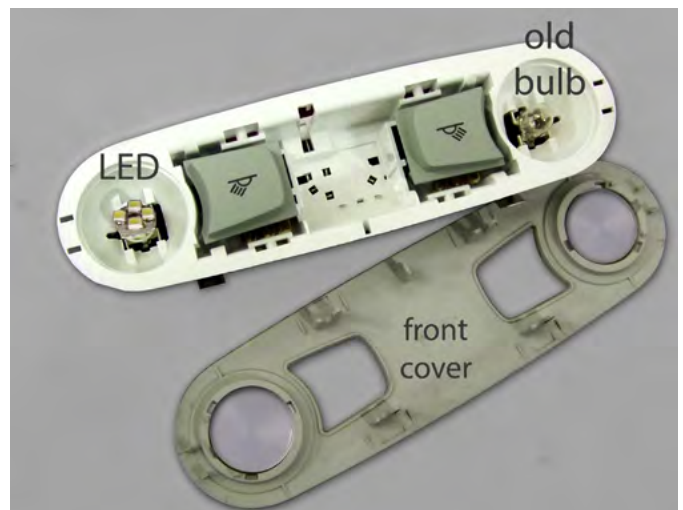


### Rear Dome - Step 4

Pull the old filament style bulbs straight out of their sockets and replace them with 8-chip LEDs.

Before reinstalling the light, make sure the LEDs work. If the LEDs do not work when initially tested, rotate them 180 degrees in their sockets to get them working.

Snap the assembly back into the headliner to complete the rear dome light installation.





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This completes the Ziza Light installation in the Audi B8 A5

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