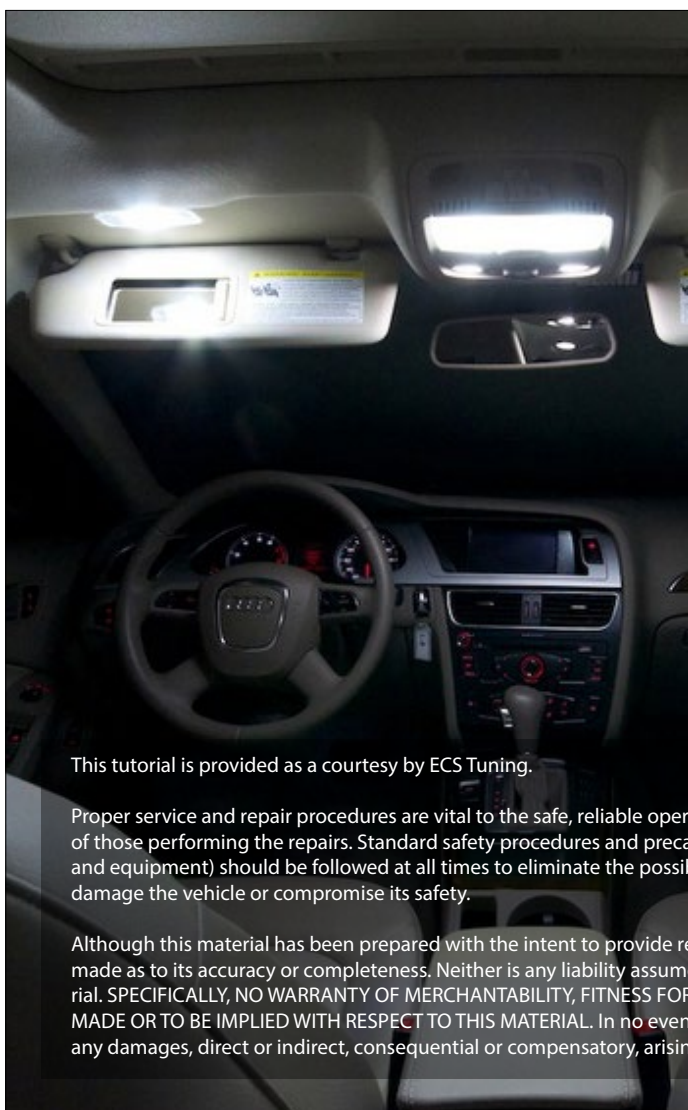




Ziza® Interior Lighting Package Installation Procedures



Part Number **ES2210291**
for Audi B8 A4/S4

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Ziza Interior Lighting Package Installation

ES2210291



Fits Audi B8 A4/S4

LED Installation Instructions

Interior Lighting Kit for Audi B8 A4/S4
ES2210291

Tools

Trim removal tool – ES517779 (Kit)

Ziza
performance automotive lighting

Kit Contents

T10 wedge base white LED CANbus (qty 1)
T10 Base Cool White 8 chip LED (qty 9)
36mm white LED festoon CANbus (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.

Bulb Types

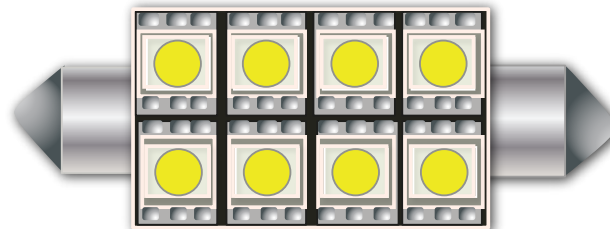
This kit includes two bulb types, classified by their general shape.

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.

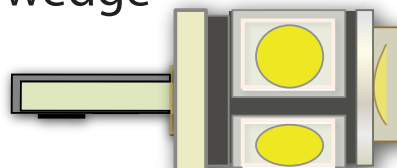
festoon



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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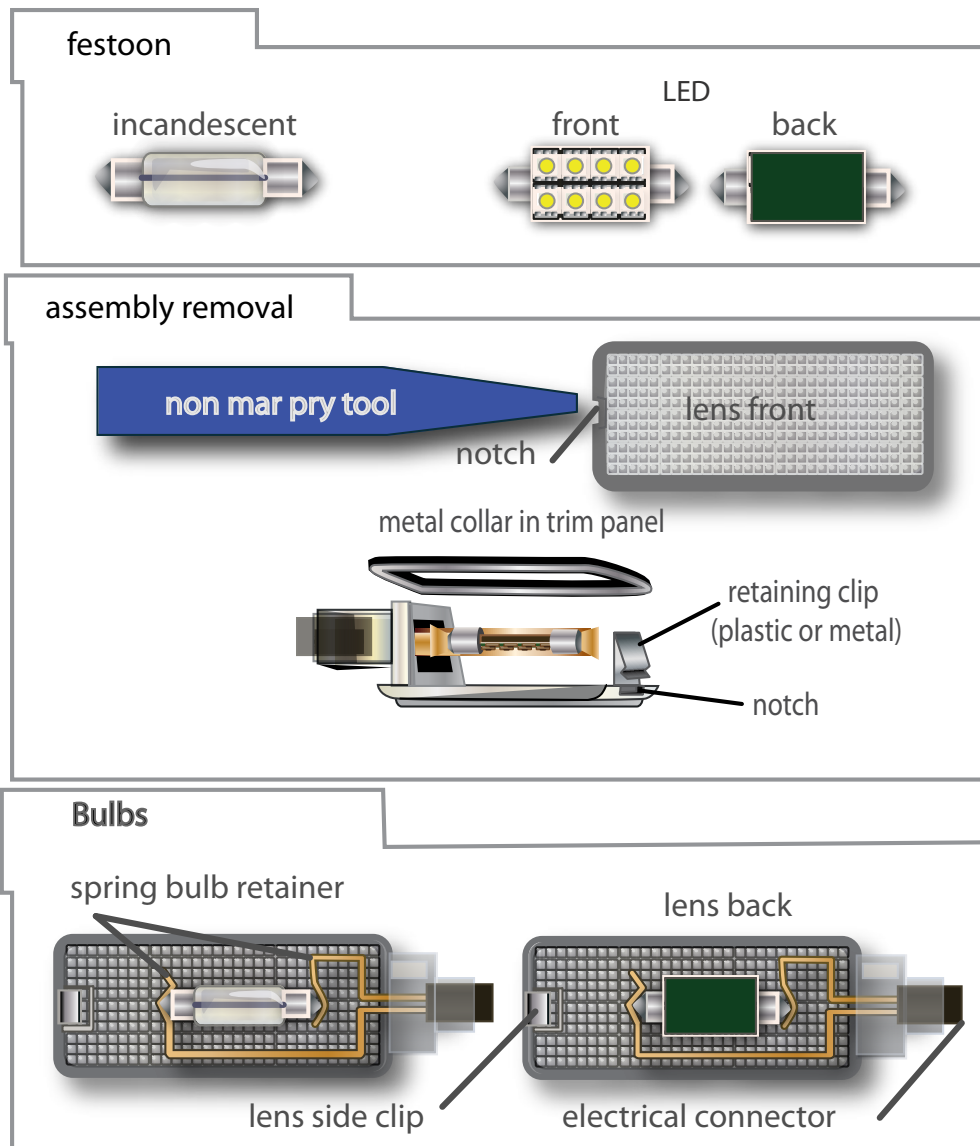
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General Tips

- 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.



Ziza Interior Lighting Package Installation

ES2210291



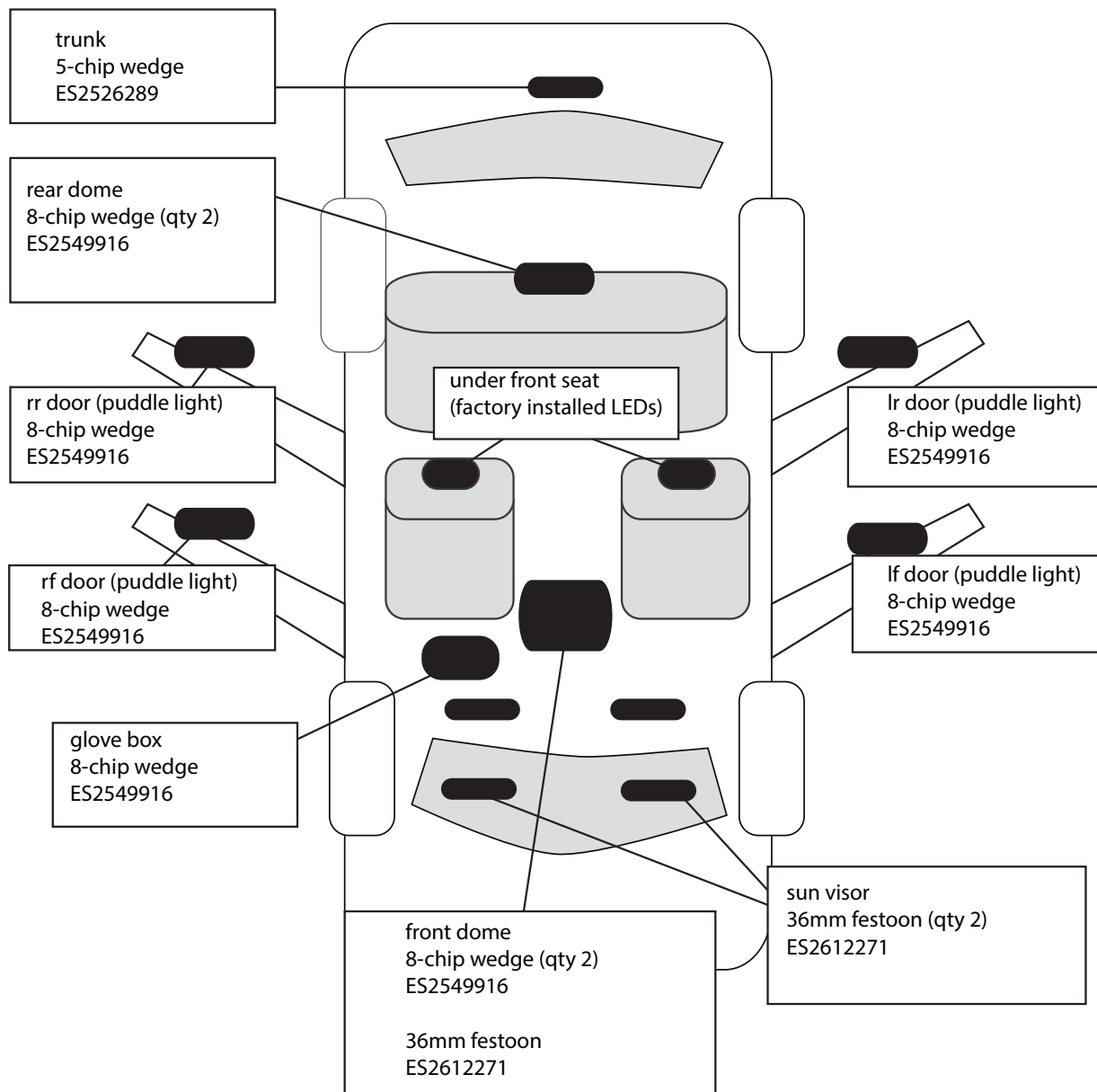
Fits Audi B8 A4/S4

Ziza Interior Lighting Kit Locations

Make Audi

Model B8 A4 Sedan

Kit Part Number ES2210291



Ziza Interior Lighting Package Installation

ES2210291



Fits Audi B8 A4/S4

Front Dome and Vanity LED Installation



Front Dome - Step 1

To begin the LED installation at the front dome light, open the sunglasses holder at the front of the dome light console.



Front Dome - Step 2

Using a T25 Torx® driver, remove the screw at the top of the sunglasses holder opening.



Ziza Interior Lighting Package Installation

ES2210291



Fits Audi B8 A4/S4

Front Dome - Step 3

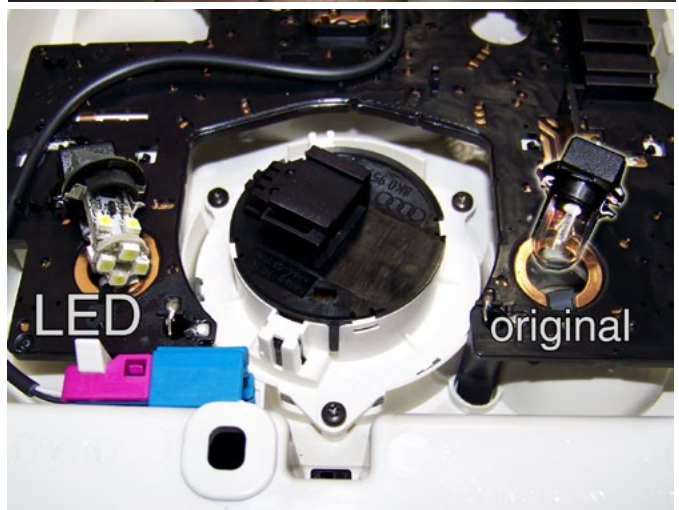
Grab the front of the console and pivot it downward from the headliner.



Front Dome - Step 4

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 to get the LEDs working.



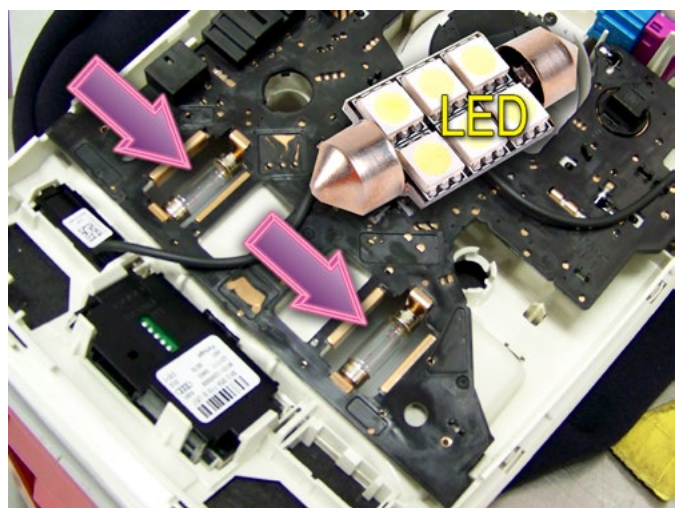
Front Dome - Step 5

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.



Ziza Interior Lighting Package Installation

ES2210291



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Front Dome - Step 6

We found it easier to pry the white lens from the front of the console to install the LEDs.

Pry carefully at the front or rear edge of the white lens to pop the lens loose. Use a thin prying device that will not scratch, nick, or mar the plastic lens. (See Step 7 for an alternate approach.)

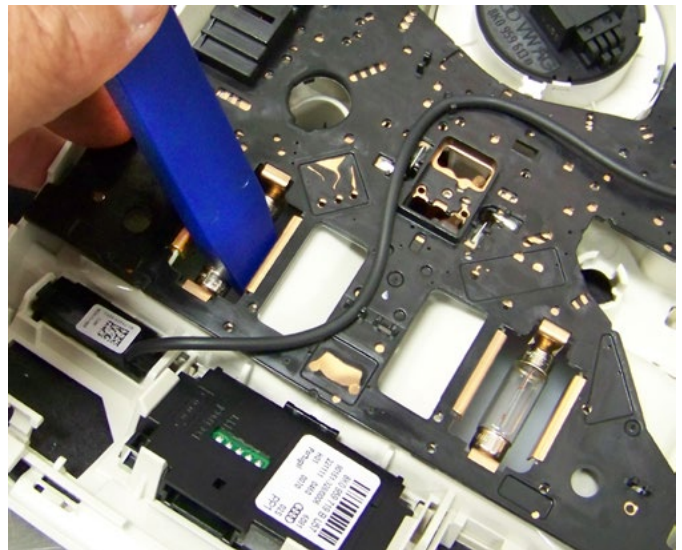
Test the bulbs before snapping the lens back in place. If either LED array does not work when initially tested, flip it end-for-end to get it working.



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

With the LEDs installed and tested, replace the lens. Then 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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ES2210291



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Vanity Lights - Step 1

The vanity mirrors are located above the sun visors.

Using the trim tool, pry down on the notched end of the vanity light.

Pull the light down from the headliner.



Vanity Lights - Step 2

The bulb is covered by a metal heat shield. Pry it off the light assembly.

Careful: The edges of the thin metal shield may be sharp.



Vanity Lights - Step 3

With the heat shield removed, replace the original festoon bulb with a 36mm festoon LED array.

The LED array is polarity sensitive. If it does not work when initially installed and tested, remove and flip it, end-for-end, to get it working.

Reinstall the heat shield.

Snap the light back into the headliner and repeat the process at the opposite vanity mirror light.



Ziza Interior Lighting Package Installation

ES2210291



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Rear Dome Light LEDs



Rear Dome - Step 1

The rear dome light has two wedge style bulb holders. The light fixture cover with lenses snaps in place over the bulbs.

Using the trim tool, carefully pry down around the edges.

Drop the dome light cover to expose the bulbs.



Rear Dome - Step 2

Pull the two filament style wedge bulbs from their holders.

Replace them with 8-chip wedge base LEDs.

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 holders to get them working.



Ziza Interior Lighting Package Installation

ES2210291



Fits Audi B8 A4/S4

Rear Dome - Step 3

When reinstalling the dome light cover, make sure the alignment tab slides into the mating notch in the light assembly (arrows).

Snap the cover back in place to complete the rear dome light installation.

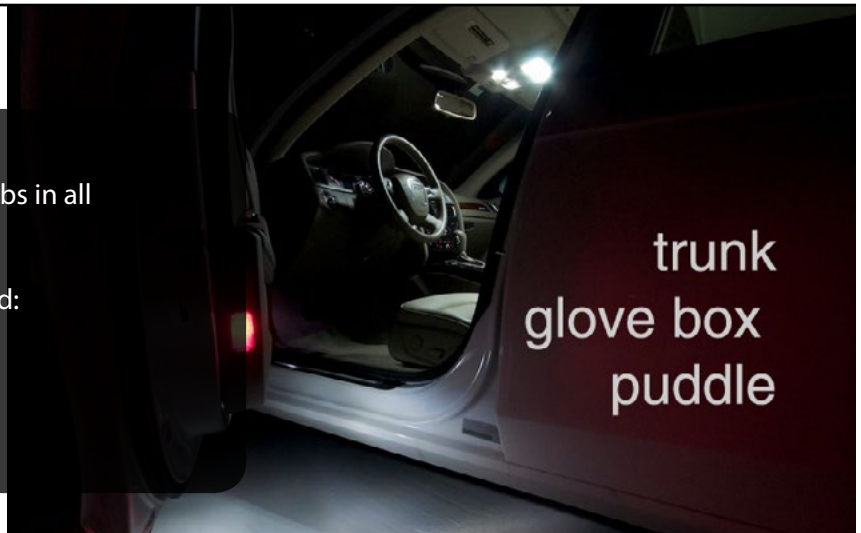


All Remaining Lights

The B8 A4/S4 uses wedge style bulbs in all remaining interior light locations.

Wedge base bulb holders are found:

- in the glove box
- in the puddle lamps
- in the trunk



Glove Box - Step 1

Use the trim removal tool to pry down on the notched end of the glove box light.

Careful! The factory wiring harness is very short. So short that there is JUST enough wire to let you pull the light down into the glove box.

If you decide to disconnect the light to install the bulb, do not let the wiring disappear into the hole, or you'll end up fishing around to find it—or removing the glove box liner to retrieve it.



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ES2210291



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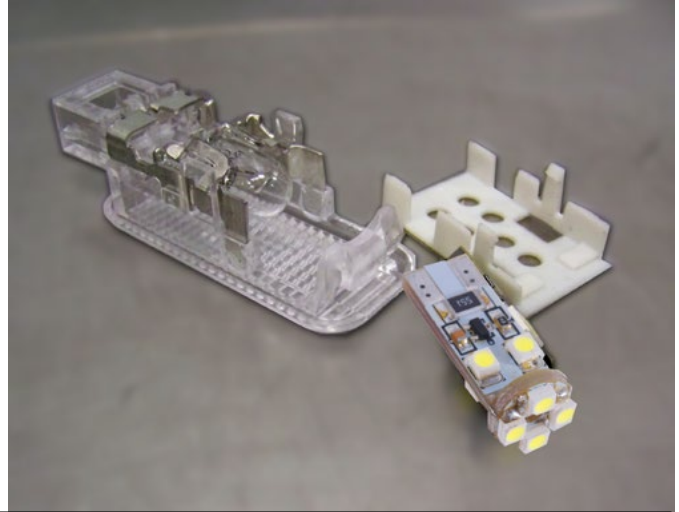
Glove Box - Step 2

Remove the white plastic shield from the rear of the light assembly.

Replace the wedge base filament bulb with an 8-chip wedge base LED.

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

Replace the heat shield; snap the light assembly back into the glove box liner.



Puddle Lamps - Step 1

There are puddle lamps in all four doors (arrows).

Note: We will **not** replace the bulbs in the red safety indicator lights, only the puddle lamps in the door bottoms.



Puddle Lamps - Step 2

Using your trim tool, pry down on the notched end of the puddle lamp assemblies.



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ES2210291



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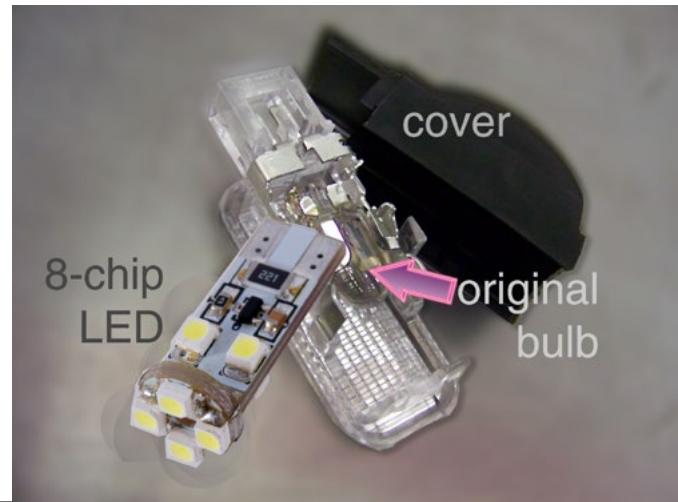
Puddle Lamps - Step 3

The puddle lamp assemblies have black plastic cover over the wedge base bulb holder.

Pop off the cover. Replace the original bulb with an 8-chip wedge base LED.

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

Repeat this process at all four puddle lamps.



Trunk

The trunk light uses a 5-chip LED.

Pry down the light, remove the black plastic shield, and swap the original bulb for a new 5-chip LED.



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This concludes the installation of the Ziza Interior Light Kit.