



Ziza® Interior Lighting Package Installation Procedures



Part Number [ES2580837](#)
for VW B5 Passat
(1998-2004)

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Ziza Interior Lighting Package Installation

ES2580837



Fits VW B5 Passat

LED Installation Instructions

Interior Lighting Kit for VW B5 Passat
ES2580837



Ziza
performance automotive lighting

Tools

Trim removal tool – ES517779 (Kit)

Kit Contents

- 5-chip wedge base white LED (qty 6)
- 36mm white LED festoon (qty 4)
- 42mm white LED festoon (qty 2)
- 31 mm 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: [ES2500877](#) and [ES517779](#).**

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

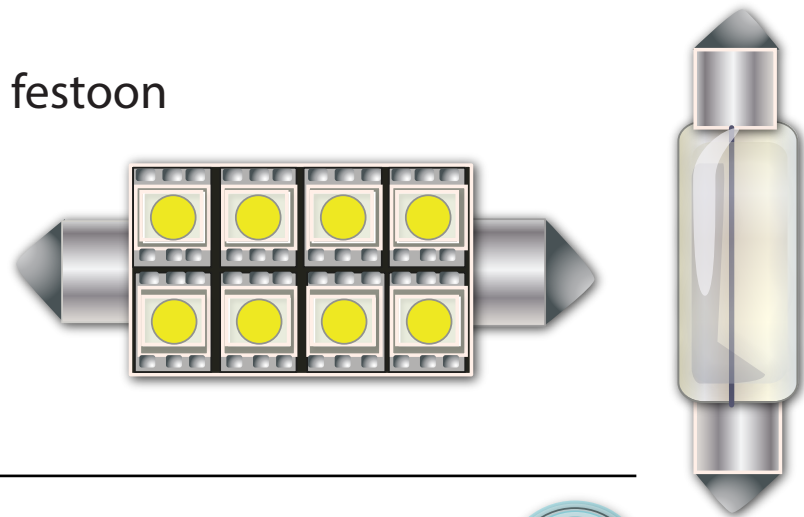
This kit includes two bulb types, classified by their general shape.

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.

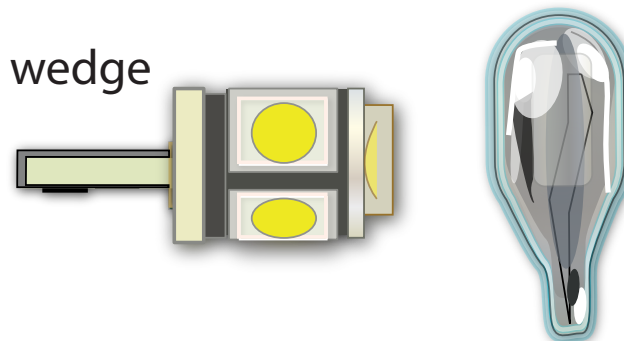
festoon



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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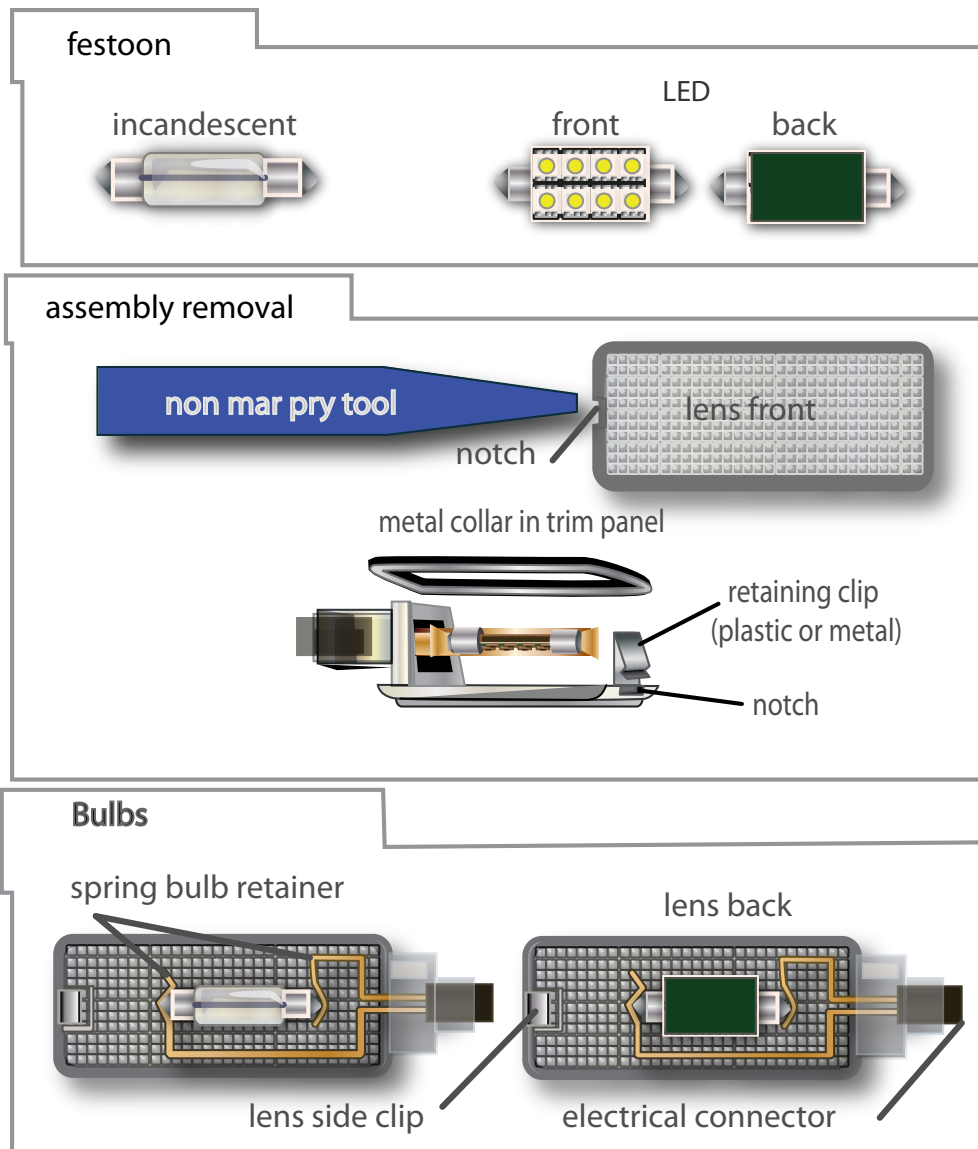
ES2580837



Fits VW B5 Passat

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.



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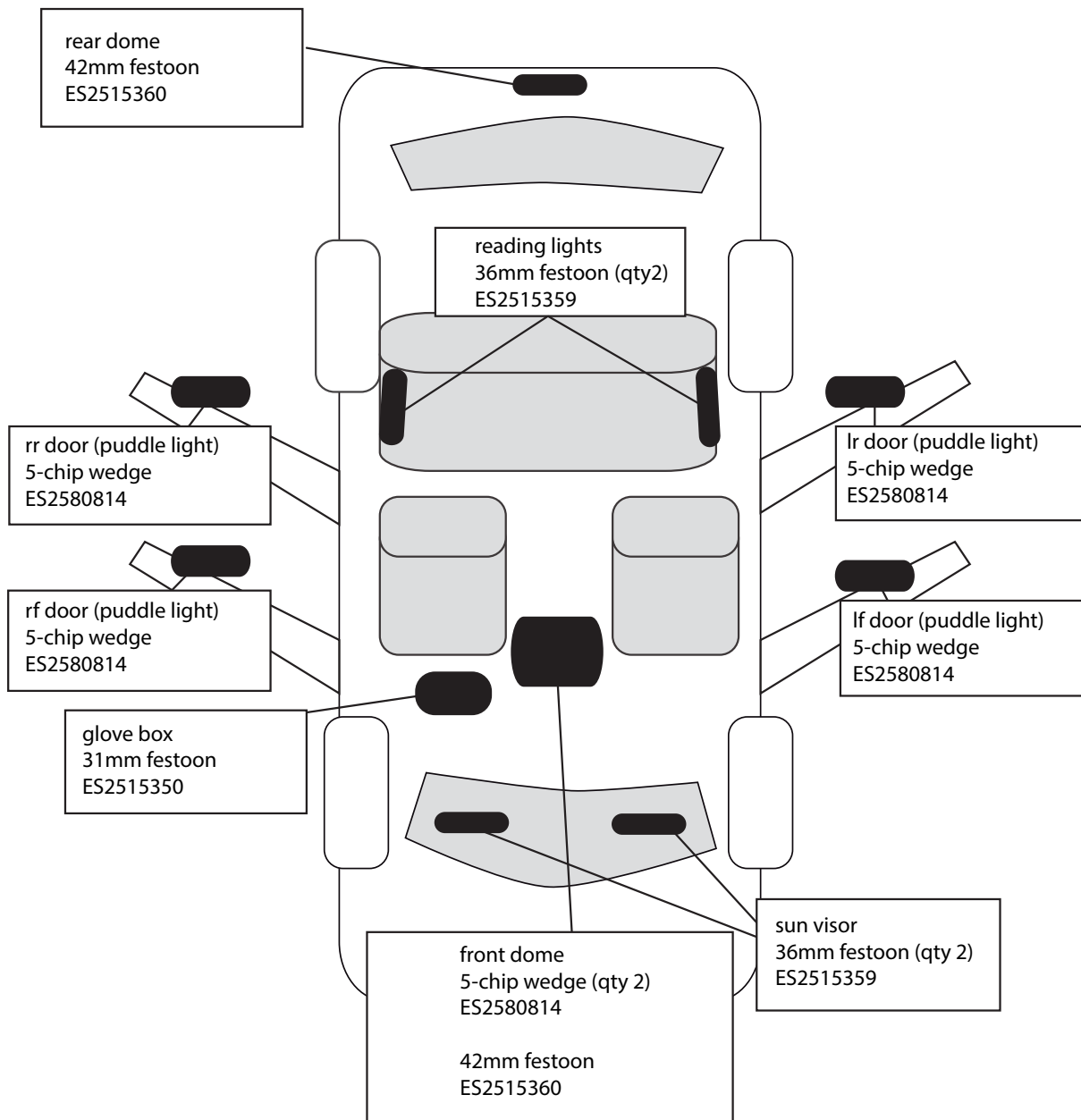
Fits VW B5 Passat

Ziza Interior Lighting Kit Locations

Make _____ VW _____

Model _____ Passat B5 _____

Kit Part Number _____ ES2580837 _____



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Front Dome and Vanity LED Installation



Front Dome - Step 1

Using a non-marring trim removal tool pry down on the edge of the front dome light lens.

Remove the lens.

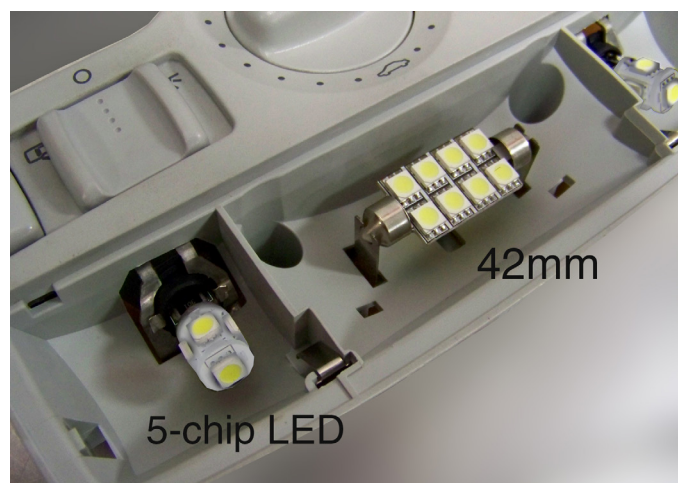


Front Dome - Step 2

Pull the two original glass wedge base bulbs from their sockets and replace them with 5-chip LEDs. The 5-chip LEDs are polarity sensitive, so if they do not work when originally installed, remove and rotate them 180 degrees in their sockets to get them working.

Replace the center glass festoon with a 42mm LED array. It is also polarity sensitive. If it does not work initially, flip it end-for-end.

Snap the lens back in place to complete the front dome LED installation.



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Vanity Mirror Lights - Step 1

Lower the sun visors.

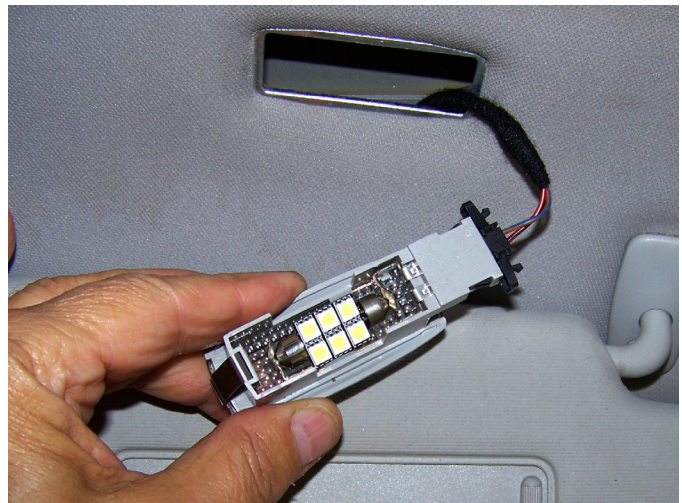
Using the non-marring trim removal tool, pry down on the notched end of a vanity light assembly.



Vanity Mirror Lights - Step 2

Replace the original glass festoon bulb with a 36mm LED array.

Snap the light assembly back into the headliner and repeat this process at the opposite side to complete the vanity LED installation.



Puddle Lights - Step 1

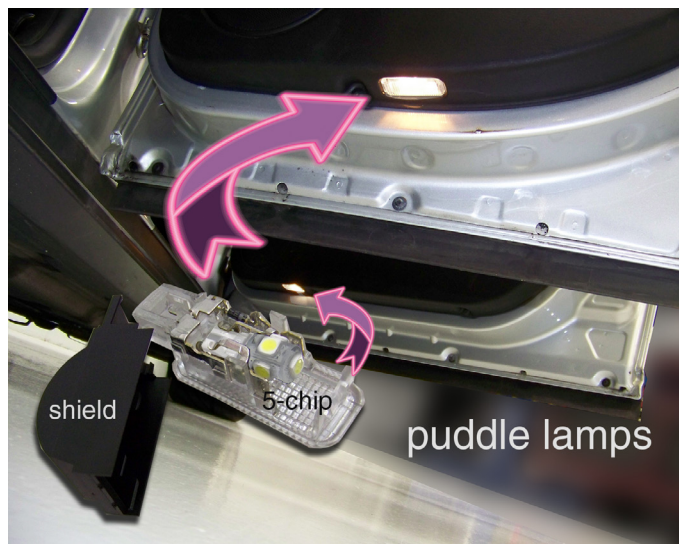
Each of the four door bottoms has a puddle lamp.

Pry down the light assemblies. Pry the black plastic heat shield from the back of each light.

Remove the original wedge base glass bulb and replace it with a 5-chip LED.

The 5-chip LEDs are polarity sensitive; if they do not work when originally installed, remove and rotate them 180 degrees in their sockets to get them working.

Replace the heat shields and reinstall the lights.



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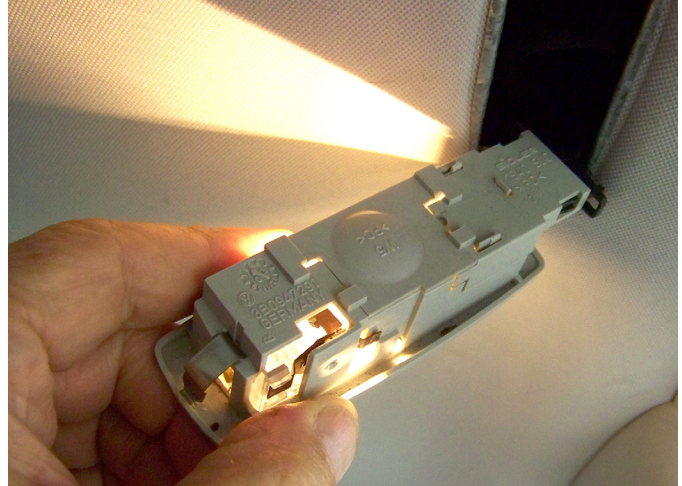


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Reading Lights - Step 1

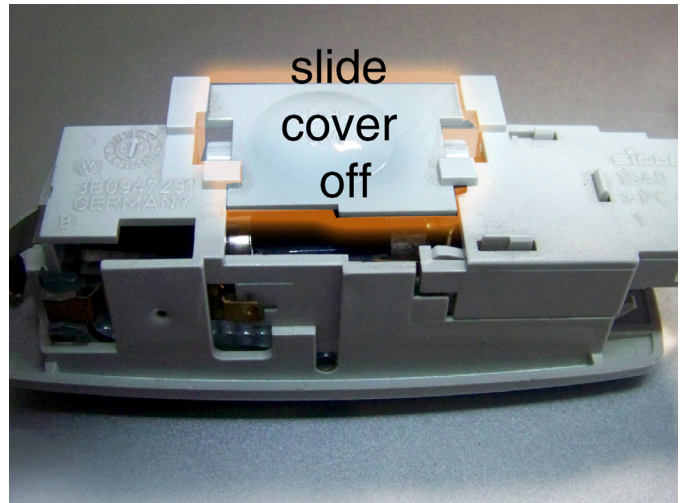
There are two reading lights located in the headliner, one above each rear door.

Pry down at the notched end of the light and pivot it out of the headliner.



Reading Lights - Step 2

Slide the plastic cover from the rear of the reading light assembly.



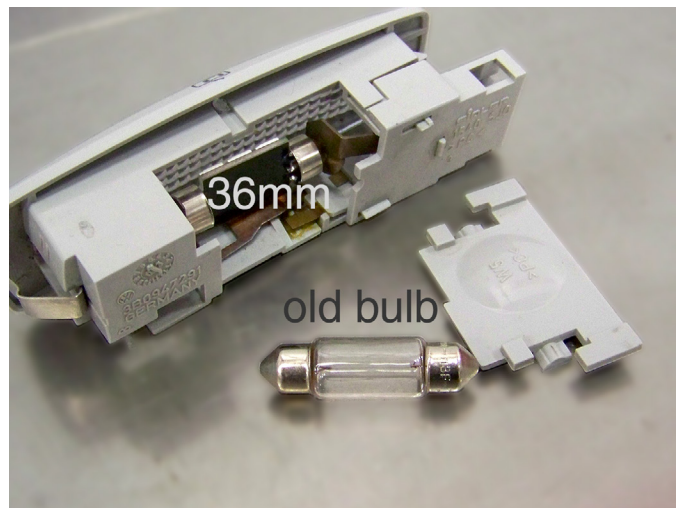
Reading Lights - Step 3

Replace the original glass festoon bulb with a 36mm festoon LED array.

Reinstall the rear plastic cover.

Pop the light back into the headliner.

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



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Trunk (sedan) or Rear Loading Area (wagon)

Pry down the light assembly from the trunk in a sedan model, or from the headliner above the rear loading area in the wagon body (shown here).

Remove the old glass festoon bulb and replace it with a 42mm 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 in the bulb holder to get it working.

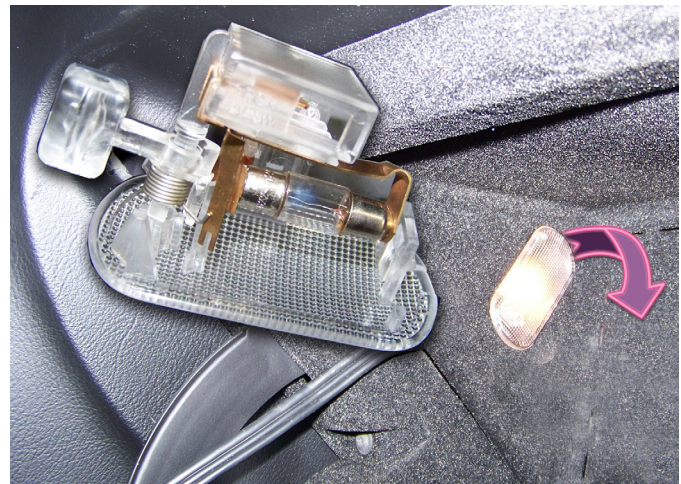
Reinstall the bulb holder.



Glove Box

Pry at the rear of the glove box light and pivot the assembly out of the glove box liner. Disconnect the electrical connector.

Replace the original festoon bulb with a 31mm festoon LED array.



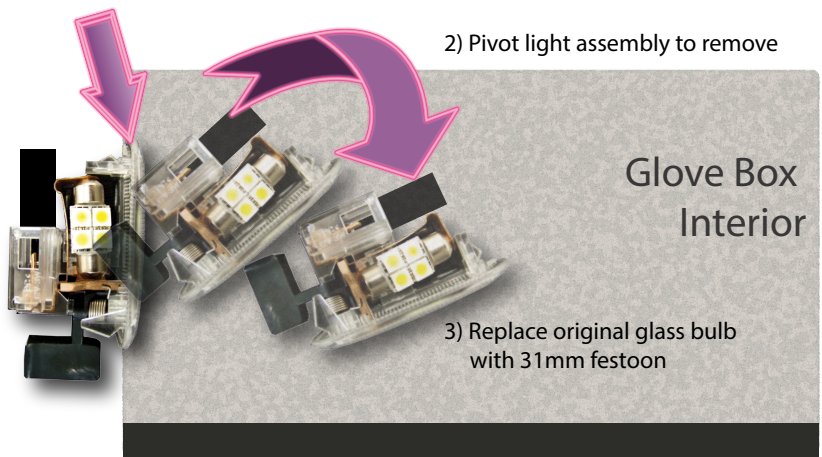
The glove box light has a lever arm that switches off the light as the glove box door is closed.

When reinstalling the light, insert the arm into the light opening in the glove box liner.

Then plug in the electrical connector and pivot the light into the opening until it snaps in place, as shown in our illustration.

1) Pry light assembly loose from liner at rear

2) Pivot light assembly to remove



3) Replace original glass bulb with 31mm festoon

4) Reverse process to reinstall light in glove box liner.

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This concludes the installation of the Ziza Interior Light Kit.



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