



Ziza® Interior Lighting Package Installation Procedures



Part Number **ES2576040**
for
BMW F10 - 5 Series
(2011+)

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Ziza Interior Lighting Package Installation

ES2576040



Fits BMW F10 (5 Series) - 2011+

LED Installation Instructions

Interior Lighting Kit for BMW F10 (5 Series) 2011+
ES2576040



Ziza[®]
performance automotive lighting

Tools

Trim removal tool – ES517779 (Kit)
common screwdriver
small pick

Kit Contents

5-chip wedge base white LED (qty 10)
9-chip wedge base white LED (qty 4)
1-chip sub mini wedge base LED (qty 4)
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: [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

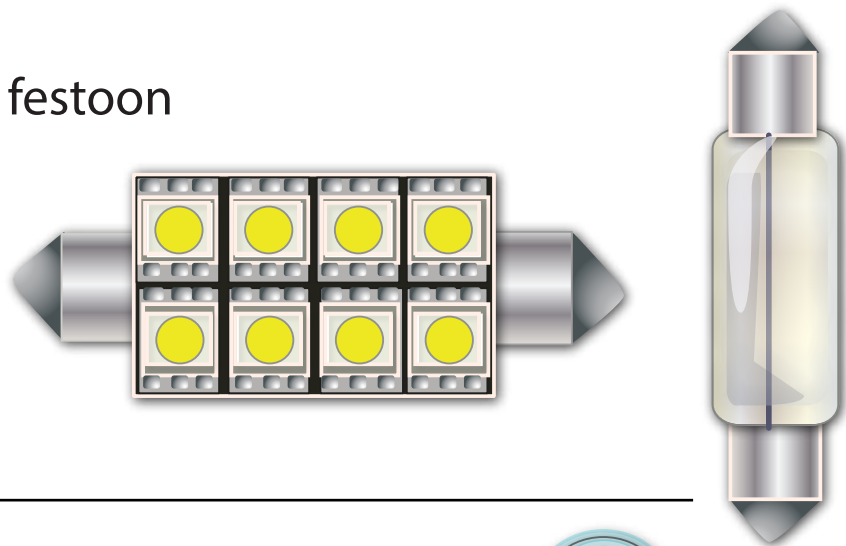
This kit includes two bulb types, classified by their general shape.

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.

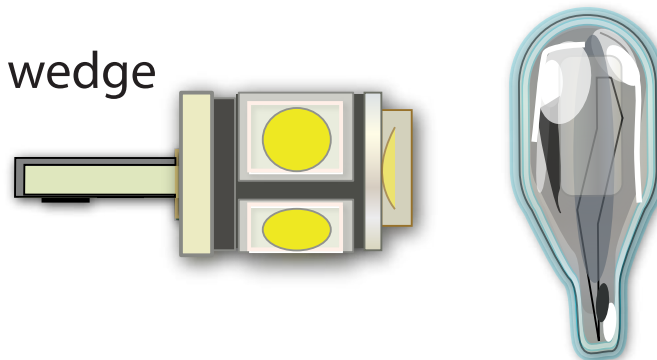
festoon



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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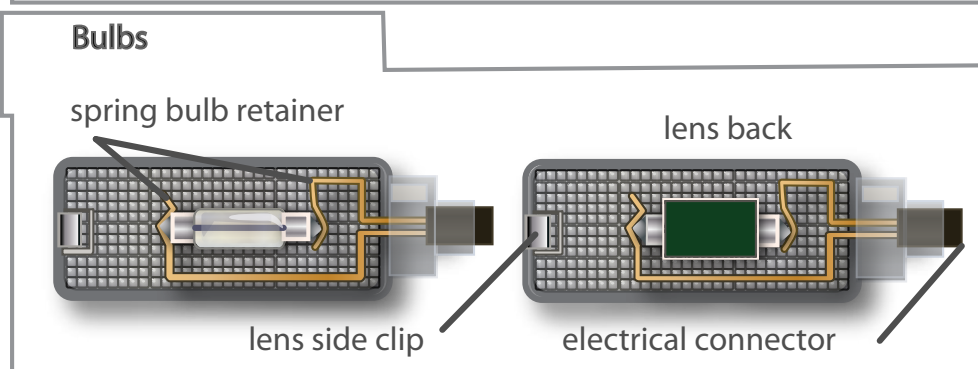
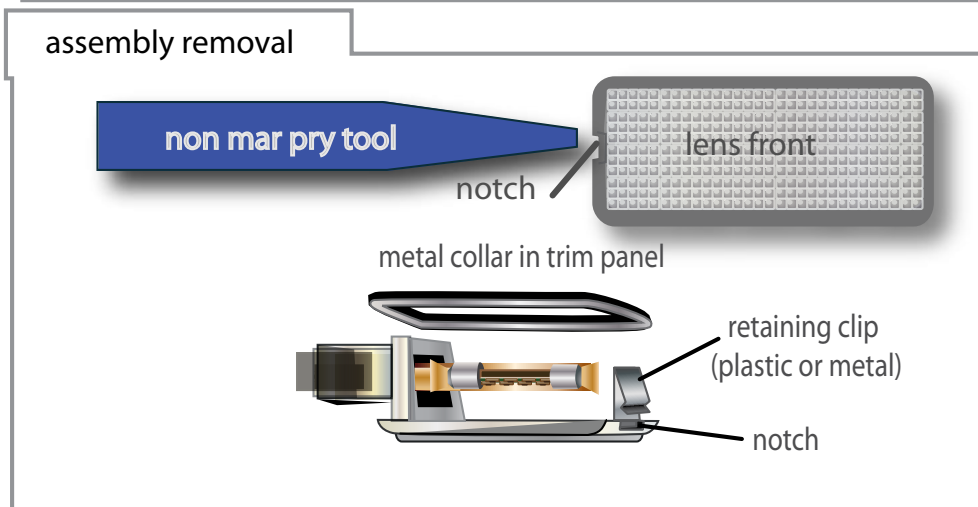
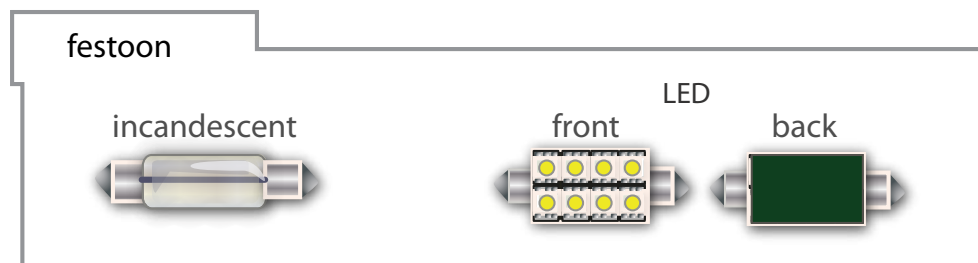
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General Tips

- 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.



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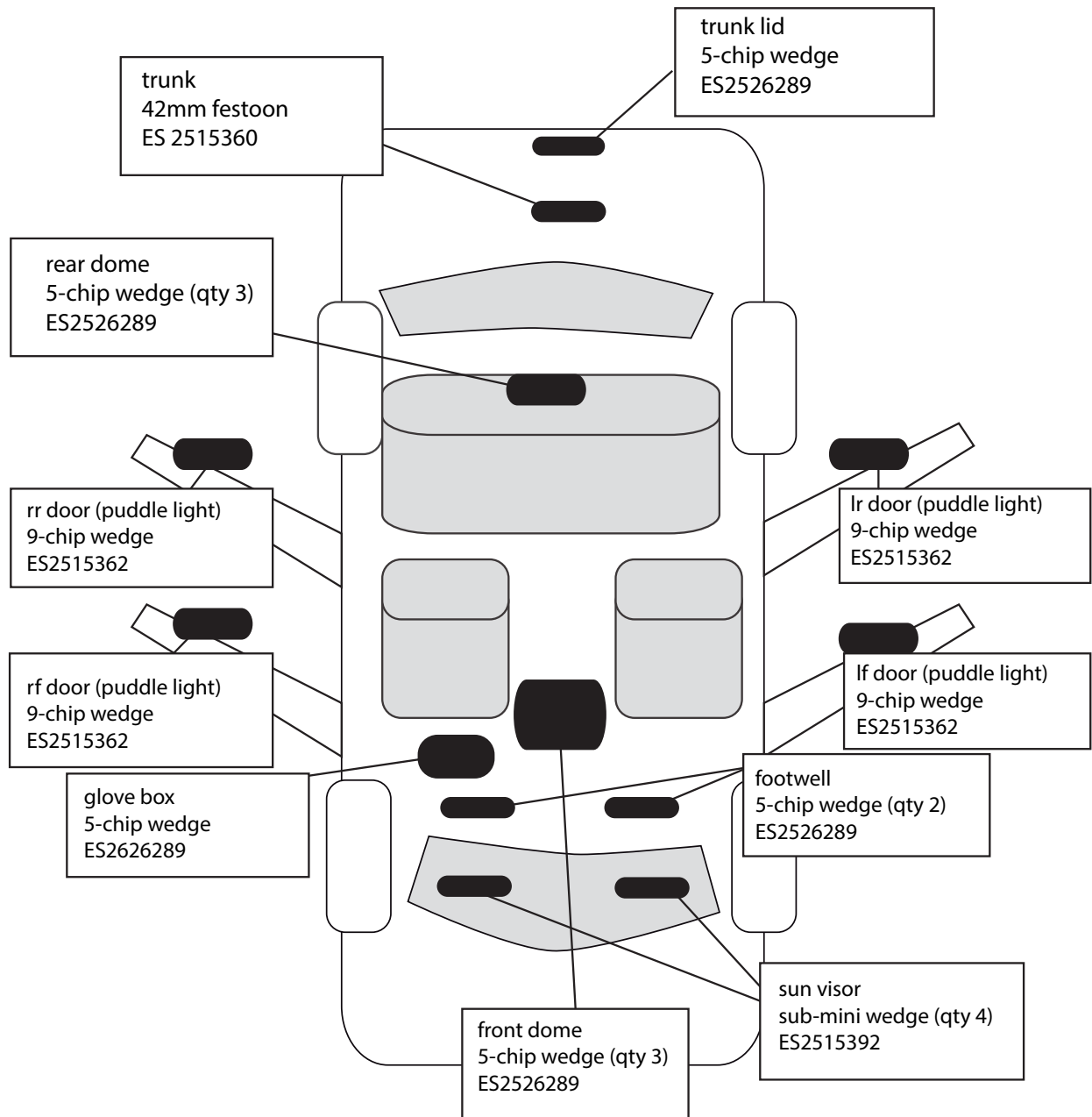
Fits BMW F10 (5 Series) - 2011+

Ziza Interior Lighting Kit Locations

Make _____ BMW _____

Model _____ F10 (5 Series) _____ 2011+ _____

Kit Part Number _____ ES2576040 _____



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Front Dome and Vanity LED Installation



Front Dome - Step 1

Using your fingers or a trim tool, pull down on the rear edge of the dome light console until the plastic clips pop away from the headliner. Stop when the clips release and there is a ¼-inch gap between the rear of the console and headliner.

Move to the front of the console.



Front Dome - Step 2

Insert a non-marring trim removal tool into the gap between the front edge of the console and the headliner, as shown.

Compress the two metal spring clips as you pry down on the front edge of console.

When the clips release, the console should be hanging about ¼ inch below the headliner.

(See the next photo for a view of the front clip locations.)



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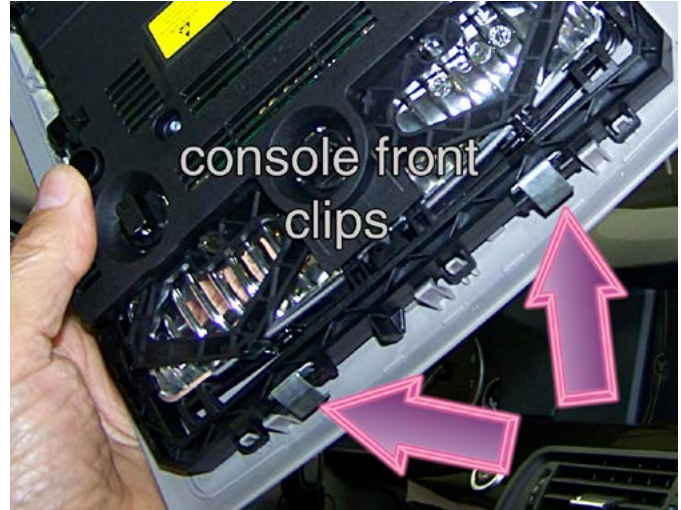
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Front Dome - Step 3

Helpful Tip: This photo indicates the exact location of the steel spring clips at the front of the console. Insert your trim tool in these locations to compress the clips.



Front Dome - Step 4

Using a non-marring trim removal tool, pry down on the rear edge of the switch trim panel; work your way around the edges until the panel pops loose.

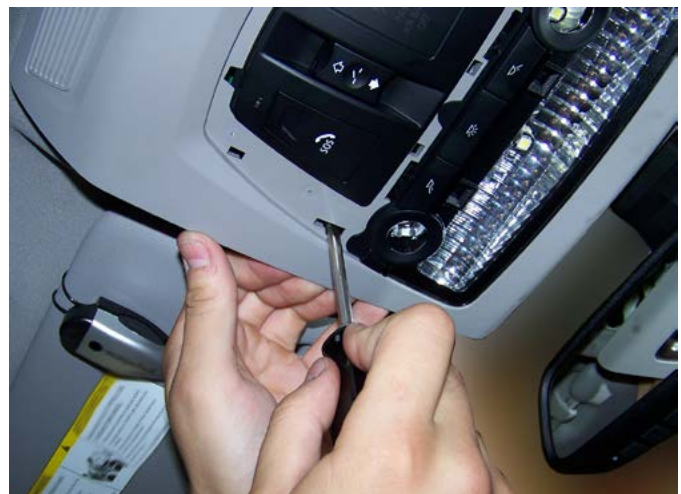
Remove the panel.



Front Dome - Step 5

Reach up with a flat screwdriver or similar tool and compress the remaining two spring clips, as shown.

(Insert the screwdriver into the access slots exposed when you removed the trim panel in the previous step.)



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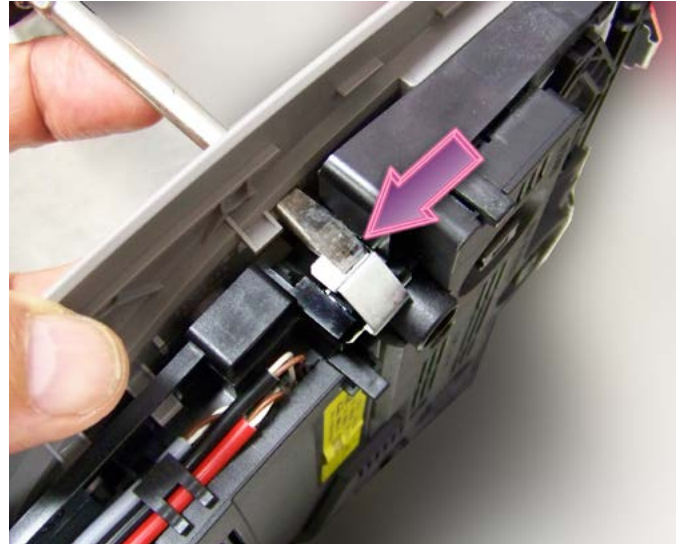
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Front Dome - Step 6

Helpful Tip: This photo indicates the exact location of the steel spring clips at the center of the console.

Note how the tip of the screwdriver should compress the heads of the two clips to release them from the headliner.

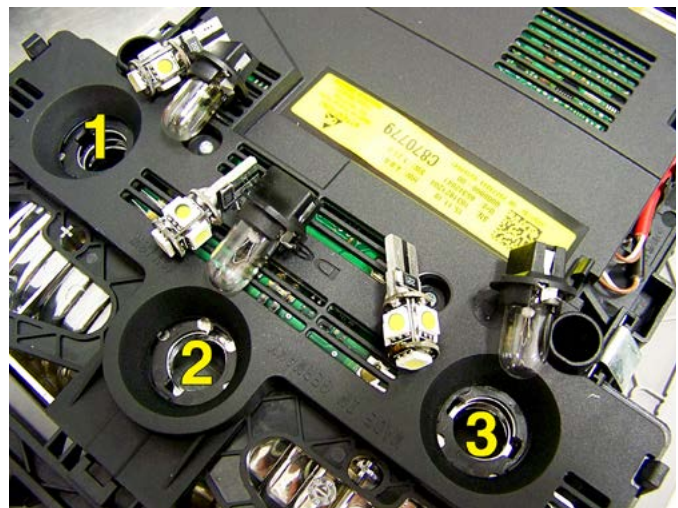
With all clips released, drop the dome light console down and flip it over to access the bulb holders.



Front Dome - Step 7

Twist the three bulb holders a quarter turn to release them. Pull the glass bulbs from the bulb holders, and replace them with 5-chip wedge base LEDs.

The LEDs are polarity sensitive. If any 5-chip LED array fails to light when initially installed and tested, remove the bulb holder, and rotate it 180 degrees in its socket to get it working.



Front Dome - Step 8

Reinstall the front dome light console.

Insert the plastic tabs at the rear of the console into the headliner opening and tilt the front of the console upward until the steel clips snap in place to secure the console.

This completes the installation of the front dome light LEDs.



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Front Vanity - Step 1

Pull down the sun visors to expose the vanity lights.

Pry down on the rear edge of the vanity light assemblies to remove them from the headliner.



Front Vanity - Step 2

The vanity lights have a metal heat shield that must be removed temporarily to access the bulb holders.



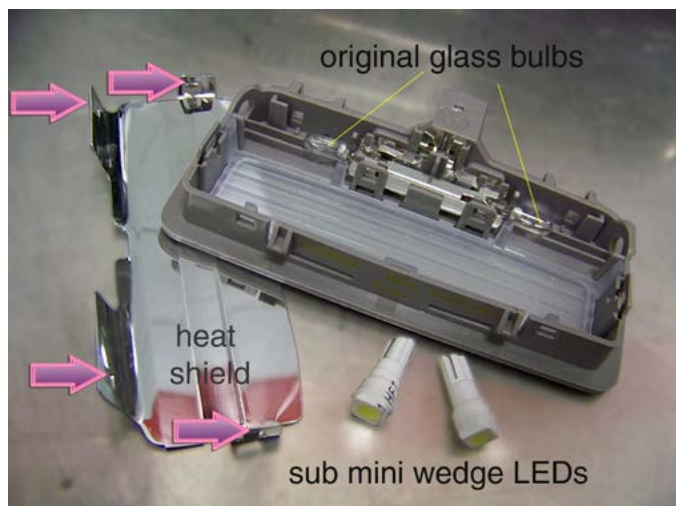
Front Vanity - Step 3

Use a small pick or tiny screwdriver to compress the metal tabs on the heat shields (arrows) as you pry the shield from the back of the light assembly.

Replace the small original glass wedge base bulbs with new sub mini wedge LEDs.

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

Reinstall the heat shield. Reinstall the light assemblies in the headliner above the sun visors.



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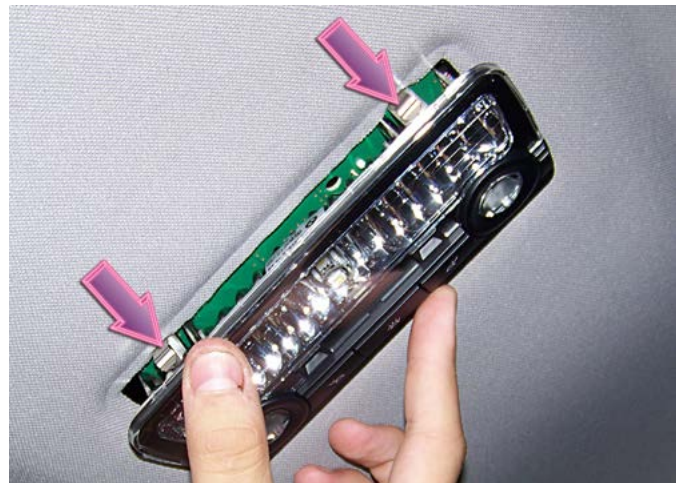
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Rear Dome - Step 1

Remove the rear dome light.

Insert the trim removal tool between the front edge of the rear dome light and the headliner, and compress the two steel spring clips (arrows) as you pry down.

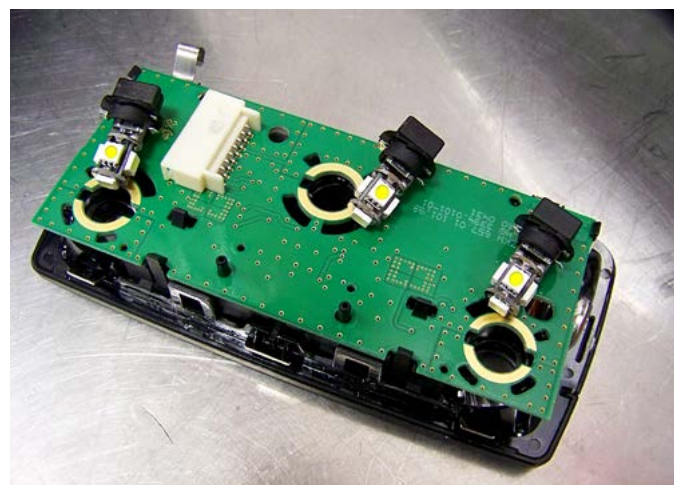


Rear Dome - Step 2

Twist the bulb holders a quarter turn to remove them. Pull the glass bulbs from the holders and replace them with 5-chip wedge base LEDs.

The LEDs are polarity sensitive. If any 5-chip LED fails to light when initially installed, rotate the bulb holder 180 degrees in the socket to get it working.

Snap the rear dome light assembly back in place in the headliner to complete the rear dome light LED installation.



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Glove Box

Using a trim removal tool, pry the white plastic glove box light fixture from the glove box liner.

Twist the black plastic bulb holder a quarter turn to remove it; replace the original filament bulb with a 5-chip wedge base LED.

The LEDs are polarity sensitive. If any 5-chip LED fails to light when initially installed, rotate the bulb holder 180 degrees in the socket to get it working.

Reinstall the light fixture in the glove box liner.



Puddle Lamps

Using a trim removal tool, pry the puddle lamp light fixtures from the four door bottoms.

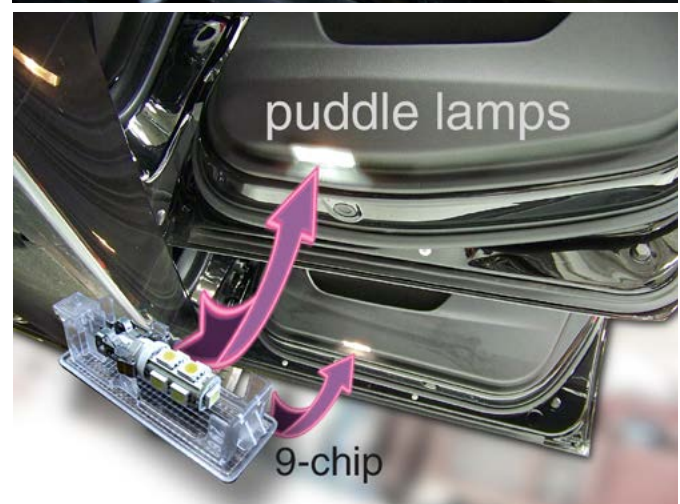


Puddle Lamps

Remove the glass wedge base bulbs from the fixtures and replace them with 9-chip LED arrays.

The LEDs are polarity sensitive. If any 9-chip LED fails to light when initially installed, rotate it in the holder 180 degrees to get it working.

Reinstall the fixtures in the door bottoms.



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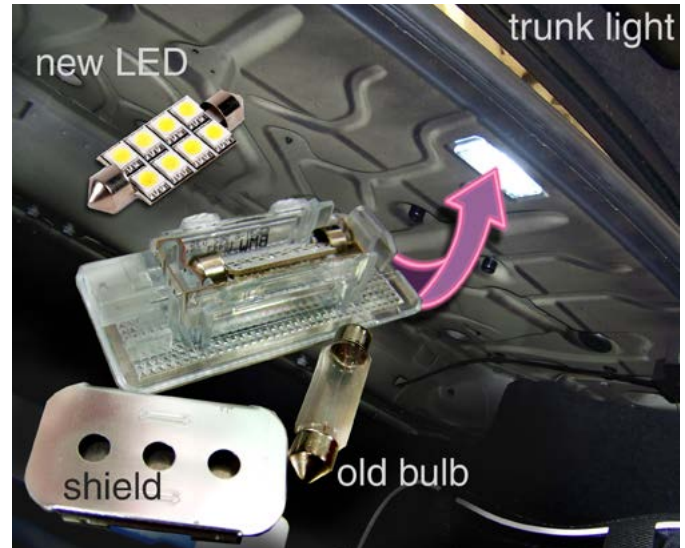
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Trunk - Step 1

There are two trunk lights: one in the body panel above the trunk area, and another in the trunk lid.

Pry down at the notched end of the light inside the trunk. Drop it down and slide the metal heat shield to one side to remove it. **Careful:** The shield may be hot, and its stamped metal edges may be sharp enough to cut your fingers.

Replace the old bulb with a 42mm festoon LED array. The array is polarity sensitive: if it does not light when initially installed, flip it end-for-end to get it working.



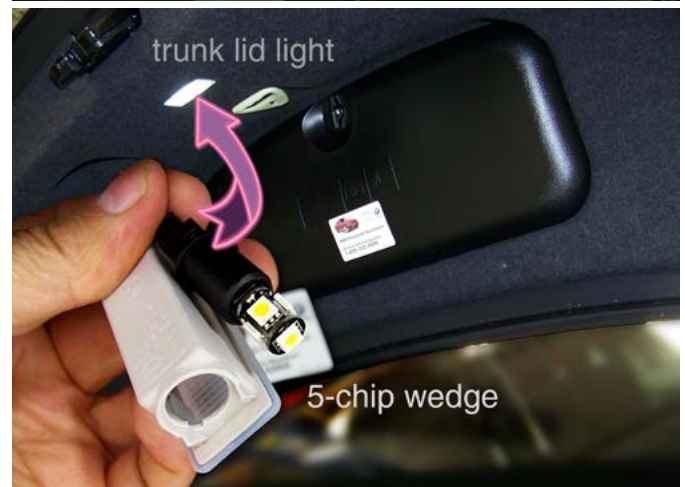
Trunk - Step 2

The deck lid light has a wedge base bulb holder.

Pry the light assembly from the trunk lid. Twist the bulb holder counterclockwise to remove it from the light fixture.

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

The LEDs are polarity sensitive. If any 5-chip LED fails to light when initially installed, rotate the bulb holder 180 degrees in the socket to get it working.



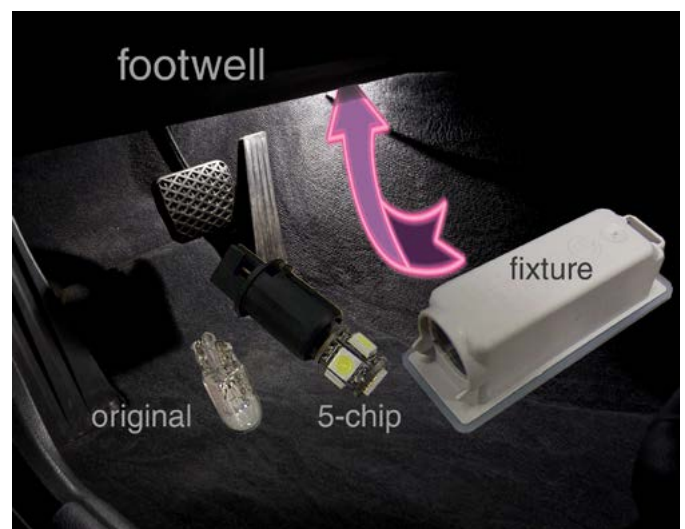
Footwell

Pry down the footwell light assemblies, located in the underdash panels.

Twist the bulb holder counterclockwise to remove it from the light fixture.

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

The LEDs are polarity sensitive. If any 5-chip LED fails to light when initially installed, rotate the bulb holder 180 degrees in the socket to get it working.



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This concludes the installation of the Ziza Interior Light Kit.