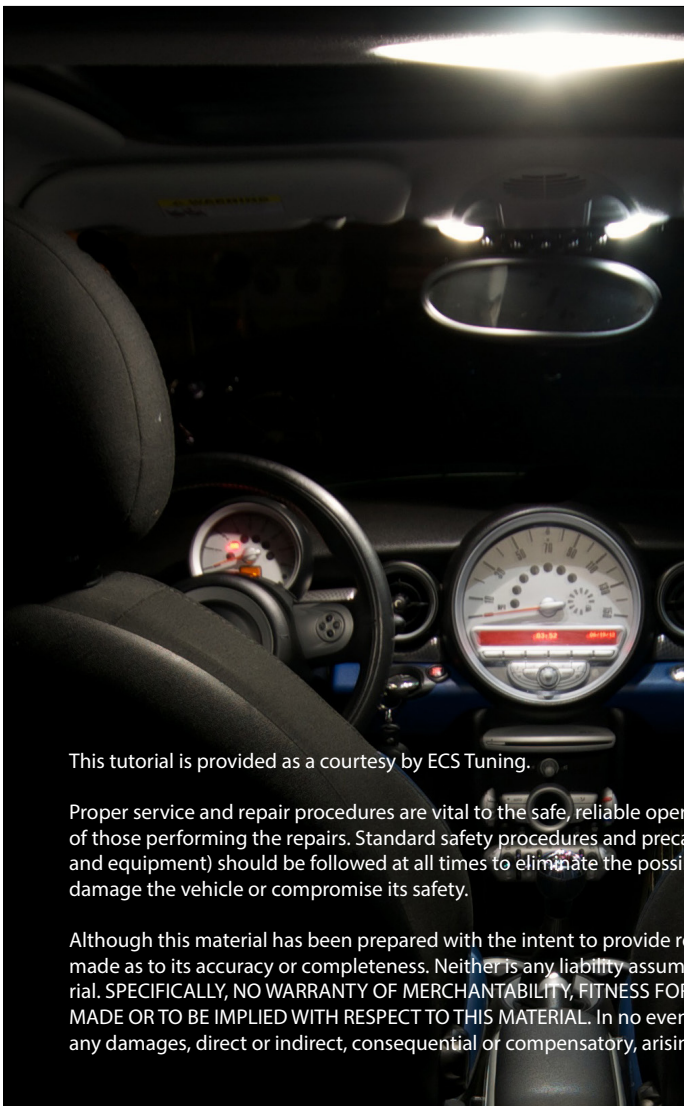




Ziza® Interior Lighting Package Installation Procedures



Part Number [ES2568957](#)

fits:

R56 MINI Cooper

R56 MINI Cooper S

R56 MINI Cooper JCW

(up to 7/2010 production)

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Ziza Interior Lighting Package Installation

ES2568957



Fits MINI Cooper

LED Installation Instructions

Interior Lighting Kit for MINI Cooper

Models: R56 MINI Cooper, Cooper S, Cooper JCW up to 7/2010 production

ES2568957

Ziza
performance automotive lighting

Tools

Trim removal tool – ES517779 (Kit)
T15 and T20 Torx® drivers

Kit Contents

5-chip wedge base white LED (qty 5)
9-chip wedge base white LED (qty 3)
36mm 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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Fits MINI Cooper

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

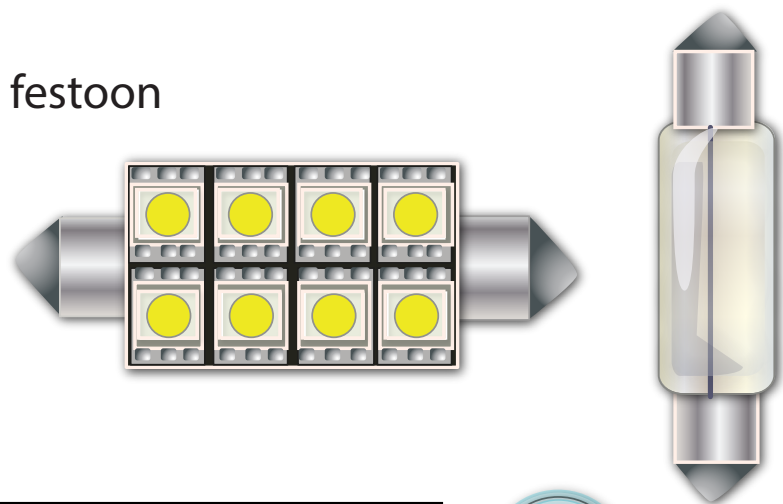
This kit includes two bulb types, classified by their general shape.

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.

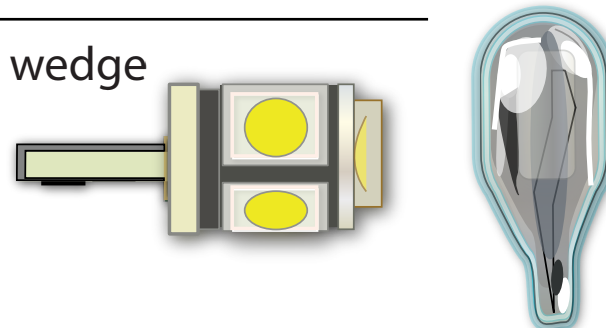
festoon



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



Ziza Interior Lighting Package Installation

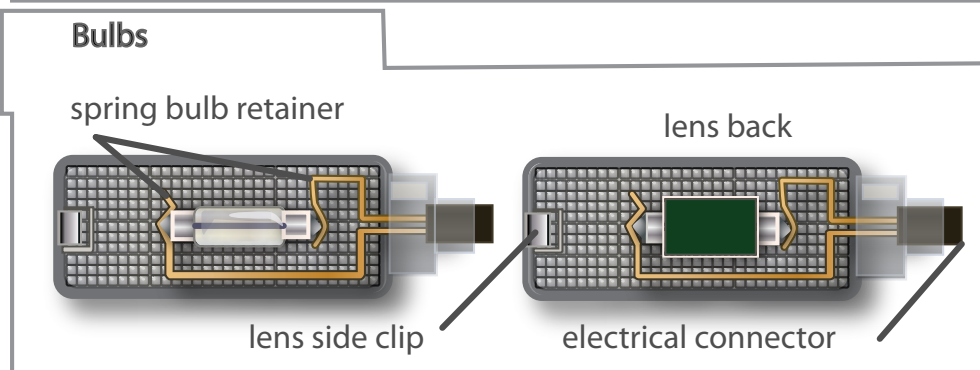
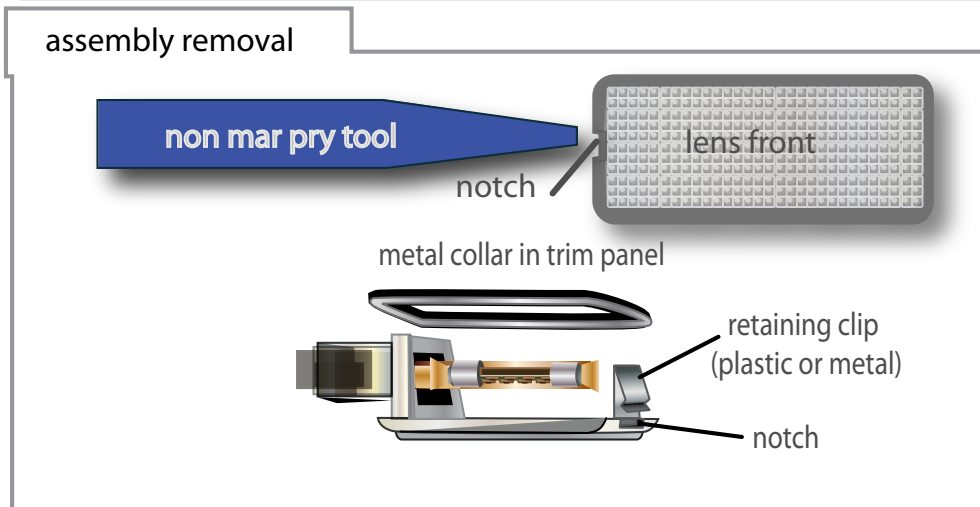
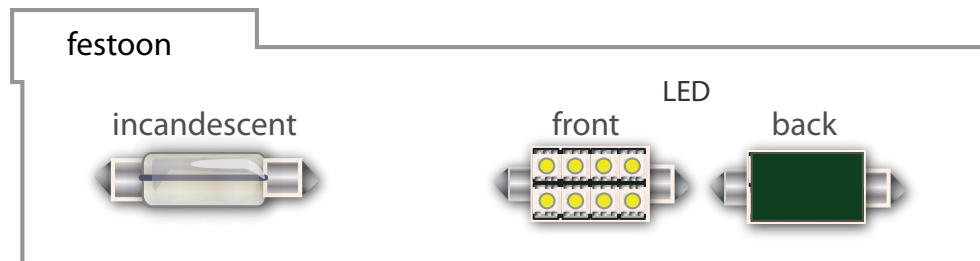
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Fits MINI Cooper

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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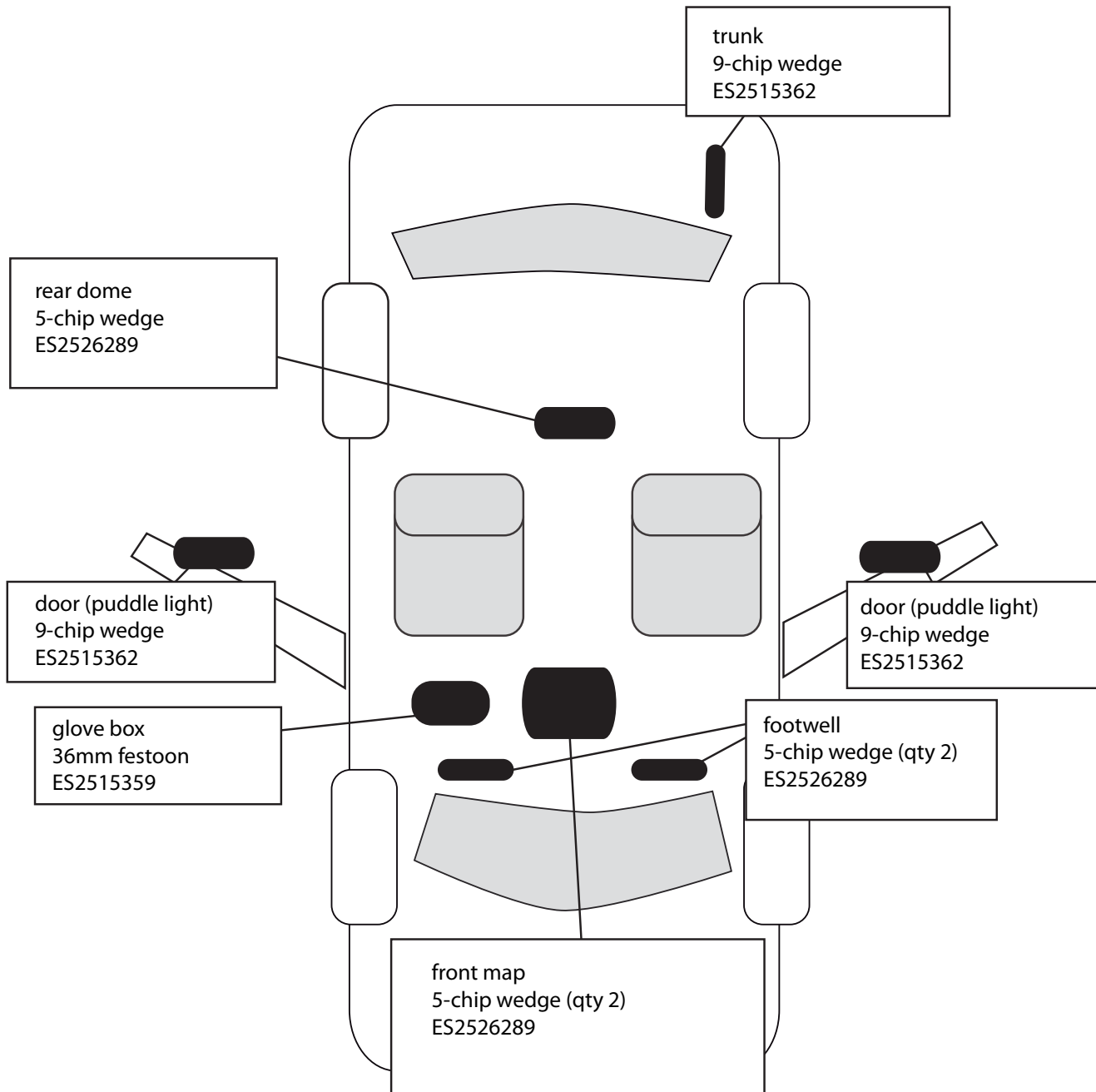
Fits MINI Cooper

Ziza Interior Lighting Kit Locations

Make ___ MINI _____

Model ___ R56 MINI Cooper ___ Cooper S ___ Cooper JCW ___ up to 8/2010 production

Kit Part Number ___ ES2568957 _____



Ziza Interior Lighting Package Installation

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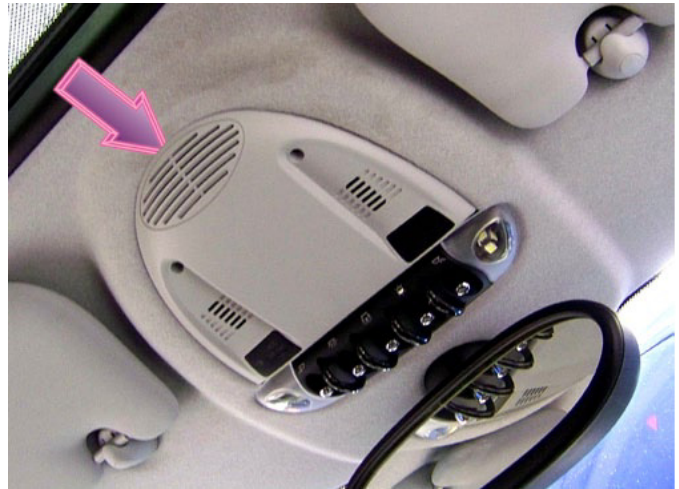
Fits MINI Cooper

Front Map LED Installation



Front Map - Step 1

Pry down on the rear of the console trim cover to release and remove it.



Front Map - Step 2

Using a T20 Torx® driver, remove the two screws in the map light console.

Drop the console down.

(If it is easier for you to do so, disconnect the electrical connectors and take the light assembly to a clean work surface.)



Ziza Interior Lighting Package Installation

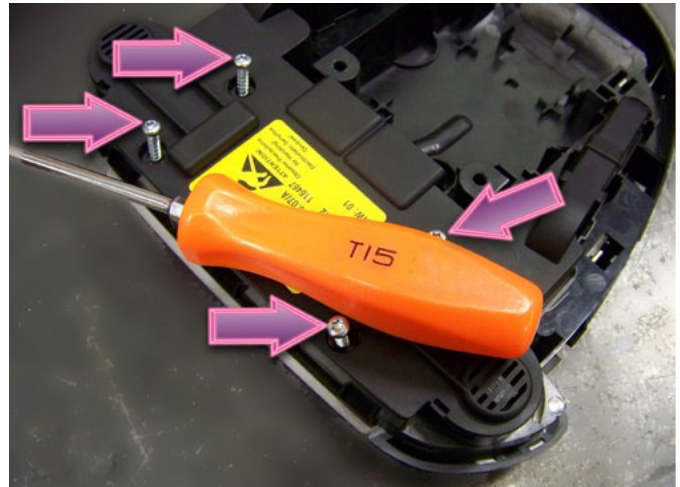
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Fits MINI Cooper

Front Map - Step 3

Using a T15 Torx driver, remove the four screws (arrows) from the rear console cover.



Front Map - Step 4

Lift and remove the rear console cover.



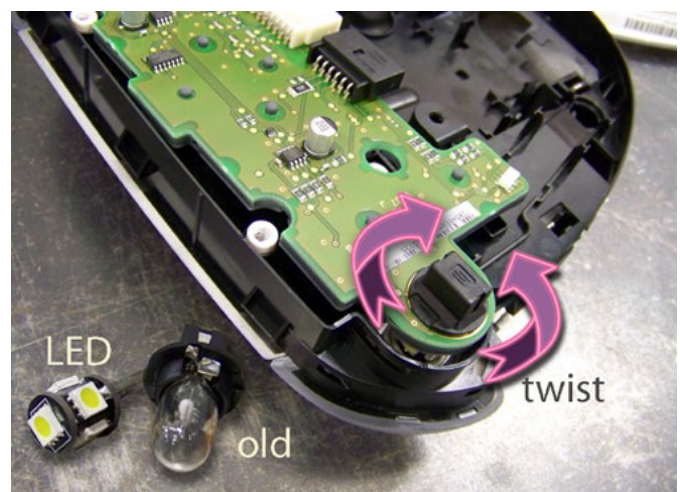
Front Map - Step 5

Twist and remove the bulb holders from the rear of the console.

Replace the old glass bulbs with a 5-chip LED.

Insert the bulb holder and LED into the bulb socket and twist in the opposite direction to lock it in place.

The LEDs are polarity sensitive. If they do not work when initially tested, remove the bulb holder and rotate it 180 degrees in the socket to get them working.



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Fits MINI Cooper

Front Map - Step 6

Replace the dome light assembly in the headliner. Replace the Torx screws removed in Step 2 (arrows).



Front Map - Step 7

Reinstall the gray dome light trim panel to complete the dome light installation.



Rear Dome - Step 1

Insert the trim tool into the side of the rear dome light to compress the plastic snap clip and pry down to remove the assembly.



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Rear Dome - Step 2

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

The LED is polarity sensitive. If it does not work when initially tested, remove and rotate the bulb holder 180 degrees in the socket to get it working.

Reinstall the light assembly in the headliner.



Glove Box - Step 1

Pry on the notched side of the glove box light and pivot the assembly down and out.



Glove Box - Step 2

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

The LED chips should face toward the lens.

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

Snap the glove box light back in place to complete the glove box LED installation.



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Puddle Lamps - Step 1

Pry down on the notched end of the puddle lamp light assemblies in the door bottoms to remove them.

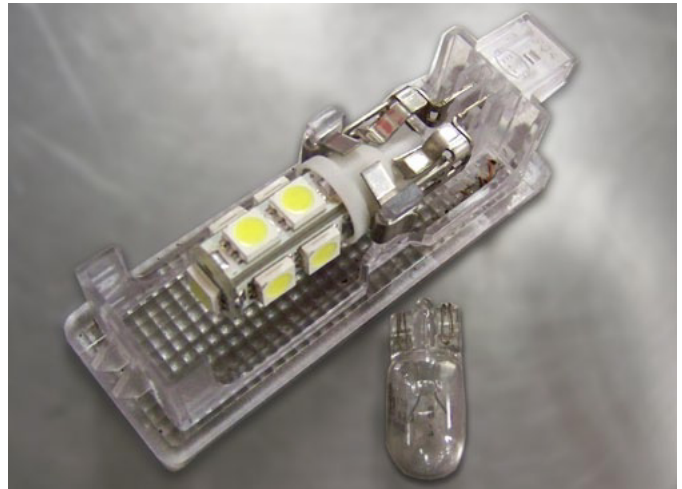


Puddle Lamps - Step 2

Replace the original glass filament bulb with a 9-chip LED wedge base array.

The LED array is polarity sensitive. If it does not work when initially installed, flip it 180 degrees in the bulb holder to get it working.

Repeat the process at the opposite door.



Footwell Lamps - Step 1

Using the same technique used on the puddle lamps, reach up under the dash and pry the light assemblies from the underdash panels.

Twist the black bulb holder and pull it from the white plastic bulb assembly.



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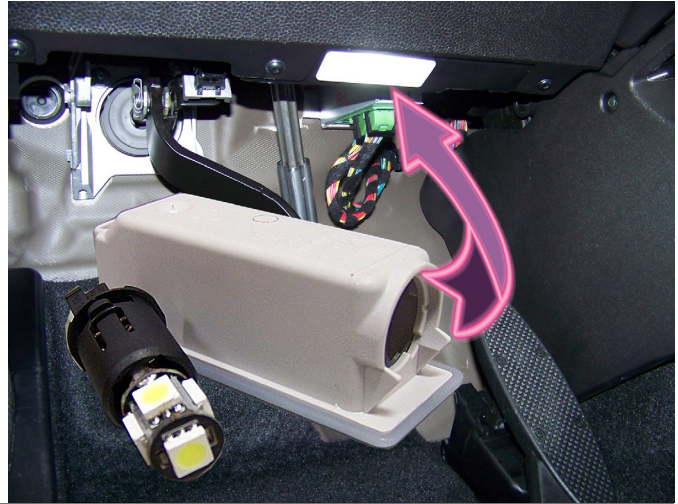
Fits MINI Cooper

Footwell Lamps - Step 2

- Insert a 5-chip wedge base LED into the bulb holder.
- Insert the bulb holder into the white light assembly and twist to lock it in place.

The LED array is polarity sensitive. If it does not work when initially installed, remove the LED and flip it 180 degrees in the holder.

- Replace the light assembly in the under dash panel, and repeat the process at the opposite side footwell.



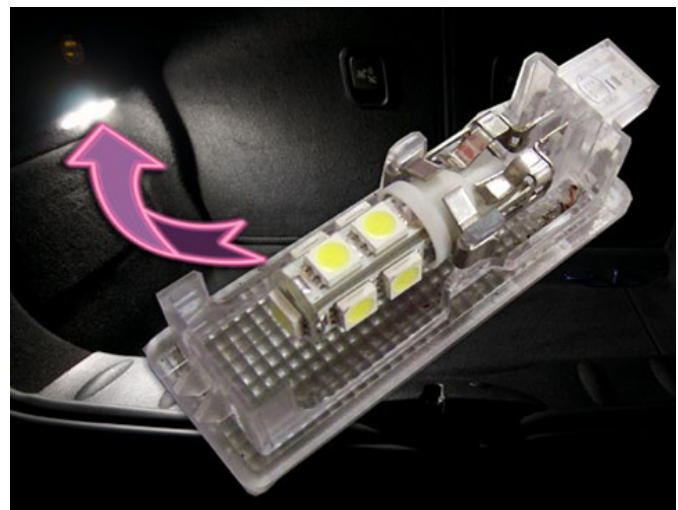
Trunk LED

Using a non marring trim removal tool, pry on the notched end of the trunk light assembly, located in the left side trunk liner.

Replace the original wedge base glass bulb with a 9-chip wedge base LED festoon.

The LED array is polarity sensitive. If it does not work when initially installed, remove the LED and flip it 180 degrees in the holder.

Reinstall the light assembly.



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This concludes the installation of the Ziza Interior Light Kit.