



Ziza® Interior Lighting Kit Installation Procedure



Part Number **ES2592692**
for Audi C6 A6
(2005-2011)

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Ziza Interior Lighting Package Installation

ES2592692



Fits Audi C6 A6

LED Installation Instructions

Interior Lighting Kit for Audi C6 A6
ES2592692



Tools

Trim removal tool – ES517779 (Kit)
Philips screwdriver

Kit Contents

5-chip wedge base white LED (qty 5)
5-chip bayonet base white LED (qty 4)
8-chip wedge base white LED (qty 1)
36mm white LED festoon (qty 2)
42mm white LED festoon (qty 2)

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

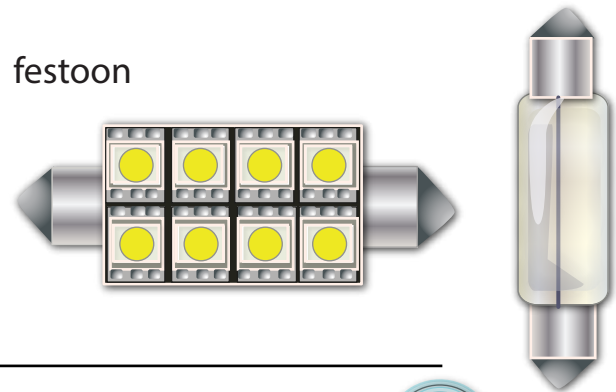
This kit includes three bulb types, classified by their general shape.

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.

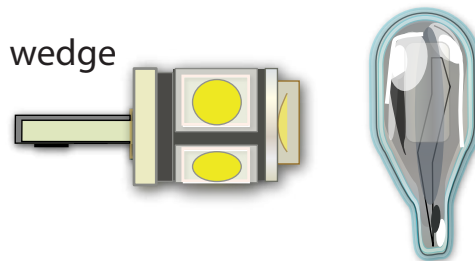
festoon



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.

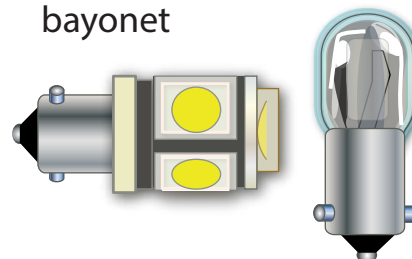
wedge



BAYONET - The bayonet base is formed by a metal tube with radial pins on its side that engage holes or tabs in the bulb socket. A central electrical nub contact at the tapered base of the bulb connects the bulb to voltage.

While these are also polarity sensitive, the socket design automatically orients the bulb, ensuring correct polarity.

bayonet



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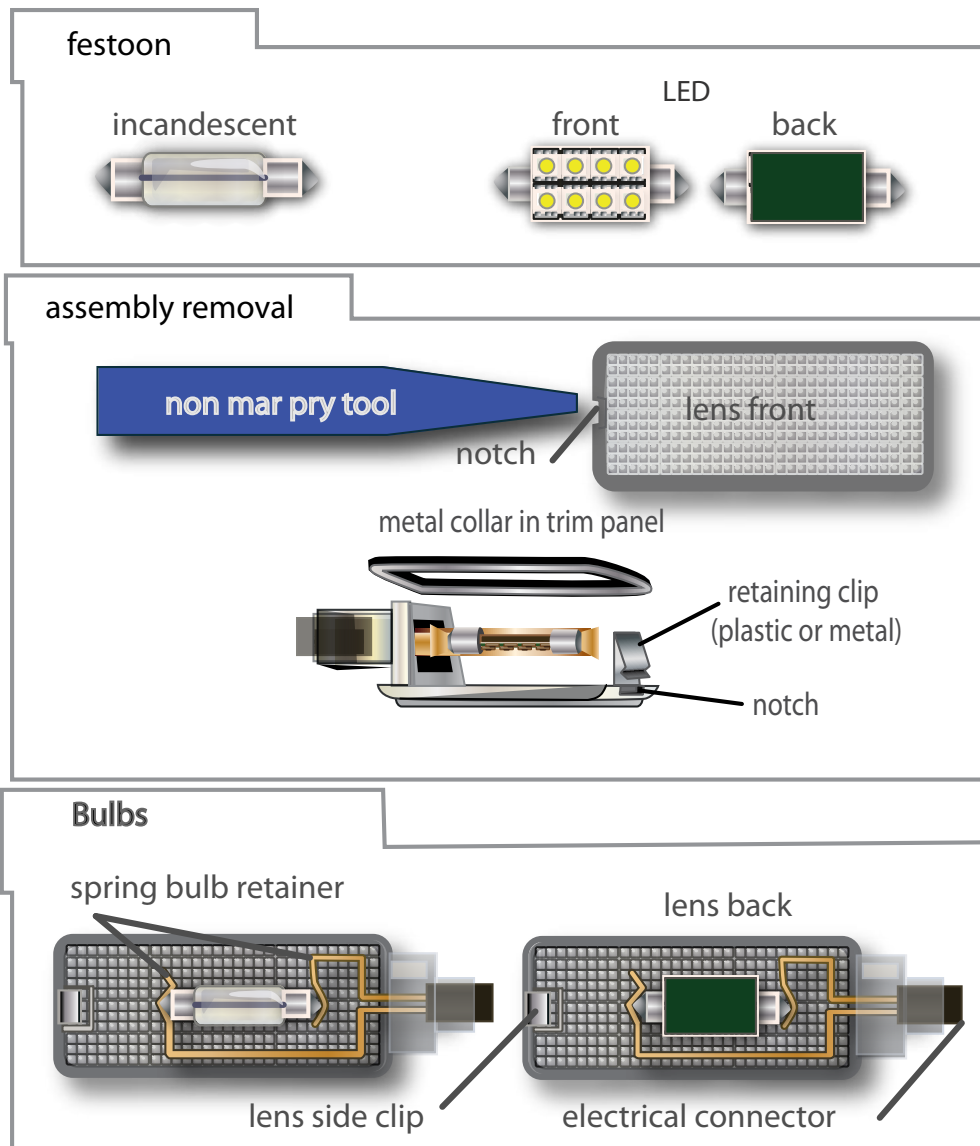
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General Tips

- 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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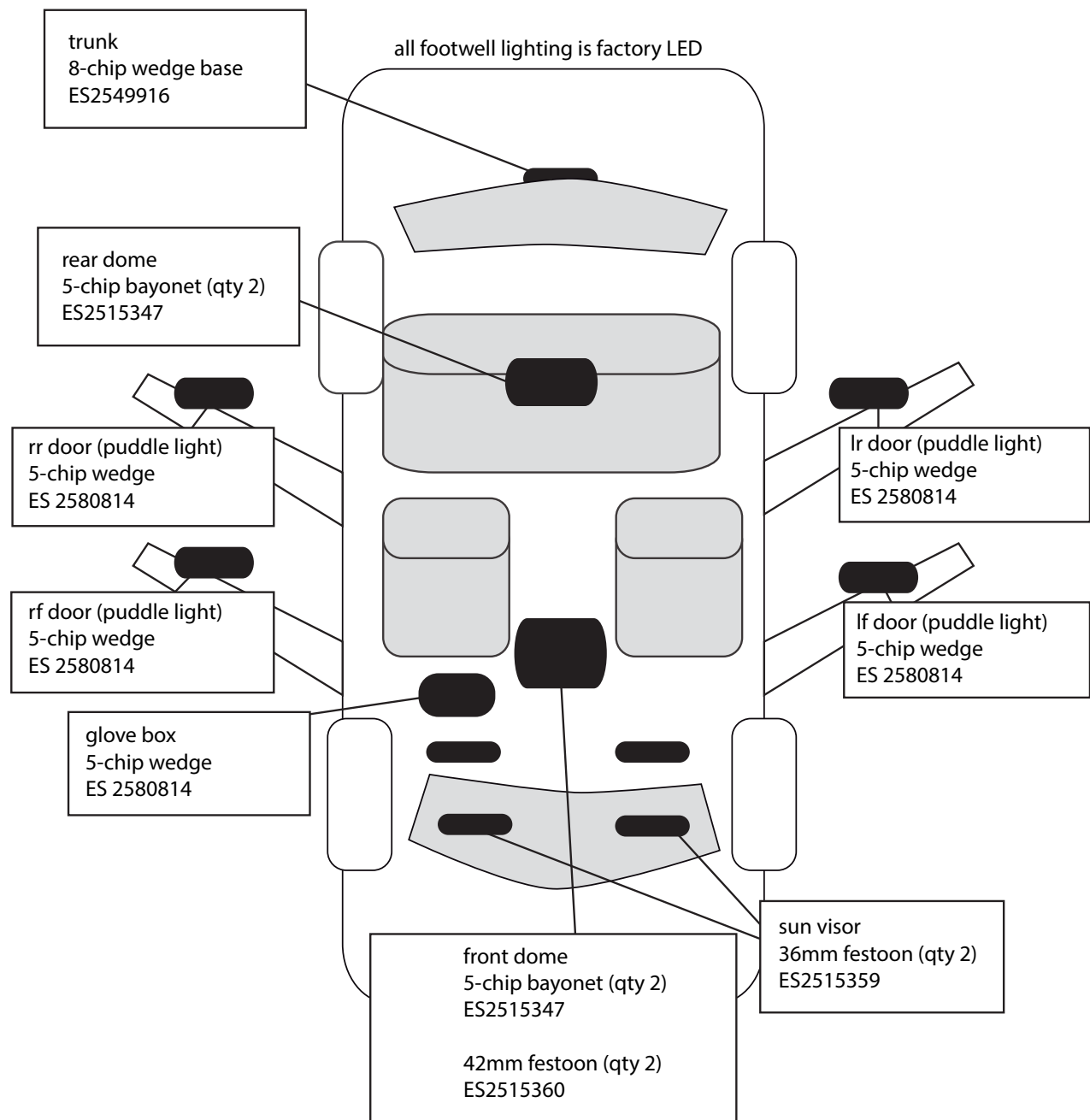
Fits Audi C6 A6

Ziza Interior Lighting Kit Locations

Make _____ Audi _____

Model _____ C6A6 _____ 2005-2011 _____

Kit Part Number _____ ES2592692 _____



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Fits Audi C6 A6

Installation Steps for Ziza LED Interior Lighting Kit



Front Dome - Step 1

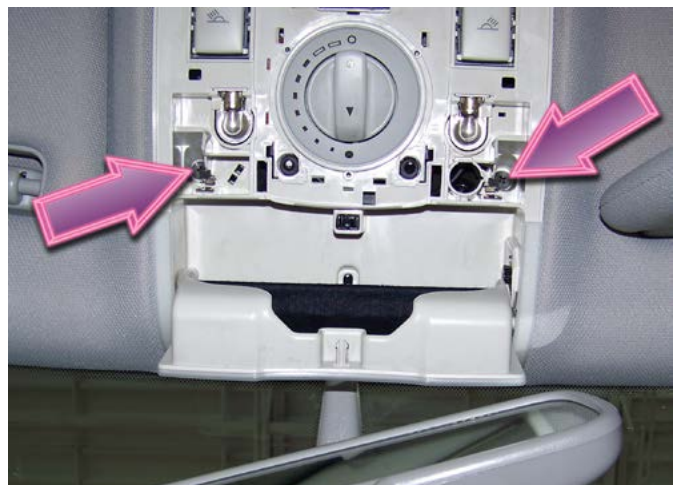
Using a non-marring plastic trim removal tool, pry down at the edge of the front dome light trim surround.

Pop it free and lower it down.



Front Dome - Step 2

Using a Phillips screwdriver, remove the two screws (arrows) from the front dome light console.



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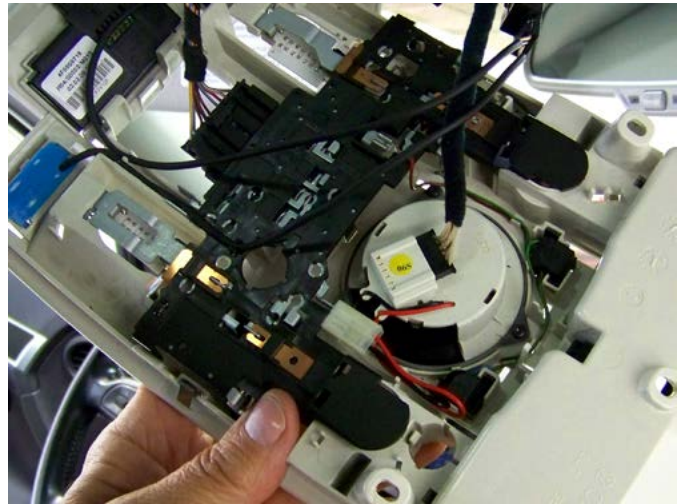


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Front Dome - Step 3

Reach up into the opening at the front of the console and pull it down from the headliner.

(We will unplug all electrical connectors and take the light console to a workbench for photography. If you are comfortable working with your hands over your head, however, you can leave the console hanging and install the LEDs without disconnecting the wires.)



Front Dome - Step 4

Pry the glass festoon bulbs from the bulb holders and replace them with 42mm LED festoon arrays.

The LED arrays are polarity sensitive. If either does not work when initially installed and tested, flip it end-for-end in the holder to get it working.



Front Dome - Step 5

The bayonet style bulbs in the front dome light sit down in narrow recesses in the console.

If you cannot reach in and turn the bulbs with your fingers, use needle nose pliers.

Grip the metal barrels on the bulbs just hard enough to push them in slightly as you rotate them in the holders. When they come free, remove them from their holders.



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Front Dome - Step 6

Reverse the process to install the new bayonet base LEDs in the sockets.

Align the pins on the bulb base with the mating notches in the bulb socket. Grip the white plastic collar on the bulb with the pliers. Push in and rotate the bulbs until the pins lock in place, securing the bulb in the socket.

Repeat the process at the other bayonet bulb location in the front console.



Front Dome - Step 7

Reconnect the wiring connectors (if you unplugged them) and reinstall the front console in the headliner. Insert the rear of the console into the headliner opening, and lift up on the front of the console until the spring clips snap in place.

Reinstall the Phillips head screws removed earlier.



Front Dome - Step 8

Snap the trim cover surround back in place to complete the front dome light LED installation.



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Front Vanity - Step 1

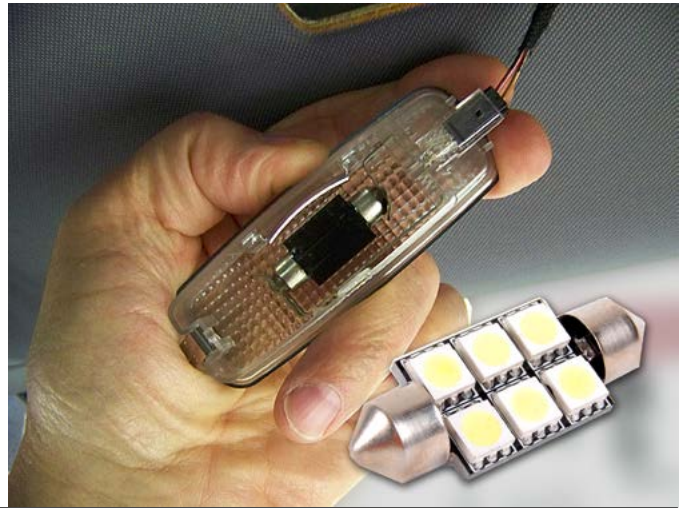
Insert the flat tip of the trim removal tool at the notched end of the vanity mirror lights. Press up and in to compress the spring clip, then pry down to release the light assembly from the headliner.



Front Vanity - Step 2

Remove the original 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.

Snap the vanity light back in place in the headliner and repeat the process at the opposite side vanity mirror light.



Glove Box

Open the glove box door.

Using the non-marring trim tool, pry down at the notched end of the glove box light. Remove the original glass wedge base filament bulb and replace it with a 5-chip wedge base LED.

If the LED does not work when initially installed, remove and rotate it 180 degrees in its socket to get it working.



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Puddle Lamps

Pry down on the notched end of the puddle lamp assemblies in the door bottoms to remove them. Pry off the plastic shields covering the bulbs.

Replace the filament style bulbs with 5-chip wedge base LEDs. If any LED array fails to light when initially installed and tested, remove the LED and rotate it 180 degrees in its socket to get it working.

Reinstall the shields and snap the assemblies back in place in the door bottoms.

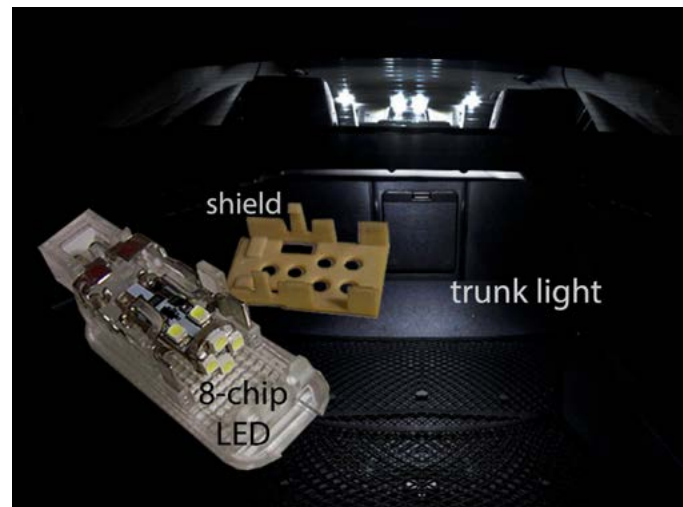


Trunk Light

Reach inside the trunk. Pry down on the notched end of the trunk lamp to remove it. Pry off the plastic shield covering the original filament style bulb.

Replace the filament style bulb with an 8-chip wedge base LED. If the LED array fails to light when initially installed and tested, remove it and rotate it 180 degrees in its socket to get it working.

Reinstall the shield and snap the assembly back in place in the trunk.



Rear Dome Light - Step 1

Insert the flat tip of the non-marring trim tool into the long edge of the rear dome light. Push inward to compress the spring clips, and pry down to release the dome light assembly from the headliner.



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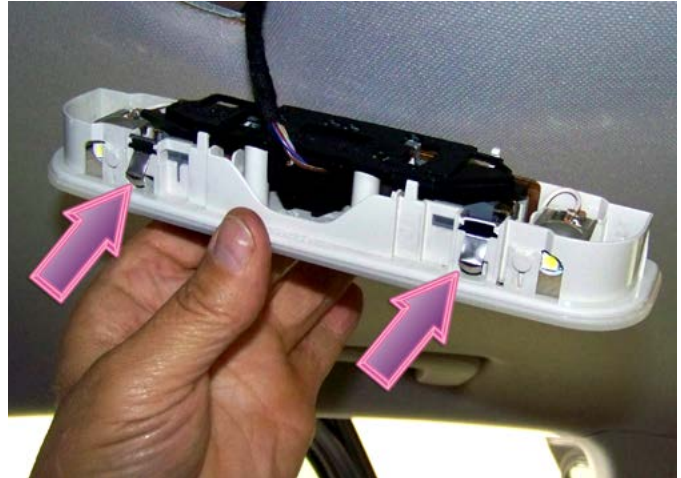
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Rear Dome Light - Step 2

This photo shows the location of the spring clips (arrows) mentioned in the previous step.



Rear Dome Light - Step 3

Pry the trim cover from the light assembly to expose the bulbs.

Remove the glass filament style bayonet bulbs. If necessary, grab the bulb base with a needle nose pliers as you did with the bayonet bulbs in the front dome light assembly.



Rear Dome Light - Step 4

Install the new bayonet style bulbs. Use the needle nose to push and twist them into their sockets.



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Rear Dome Light - Step 5

Test the new LEDs, then snap the rear dome light assembly back into the headliner until the spring clips snap in place.



This concludes the installation of the Ziza Interior Light Kit.



Prevent damage to interior panels, the headliner, and trim.
Use a plastic, non-marring trim removal tool.
Two complete kits are available.

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](#).