



Installation Procedures



Ziza Interior Lighting Package Installation ES2215391

for Audi B6 A4/S4 Sedan
LED Interior Light Kit

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Ziza Interior Lighting Package Installation

ES2215391



Fits Audi B6 A4/S4 Sedan



Tools

Trim removal tool – ES517779 (Kit)

Kit Contents

bayonet base (qty 4)
wedge base white LED (qty 11)
36mm white LED festoon (qty 2)
42mm white LED festoon (qty 2)

The Ziza Interior Lighting package for Audi B6 A4/S4 contains 19 Ziza LEDs that add crisp, white interior lighting.

The LEDs in the kit are direct fit replacements for the stock incandescent bulbs.

Use the bulb location chart in this document to identify bulb placement and replacement part numbers.

Fits Audi B6 A4/S4 Sedan

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

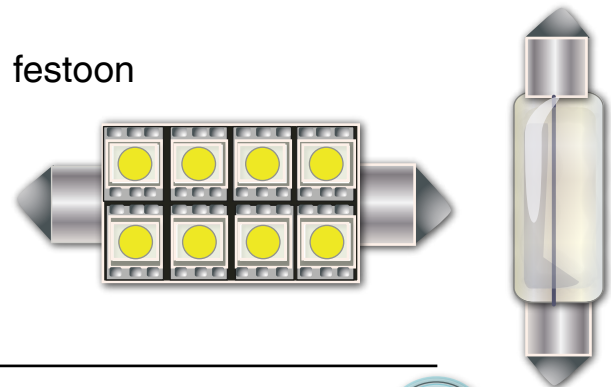
This kit includes three bulb types, classified by their general shape.

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.

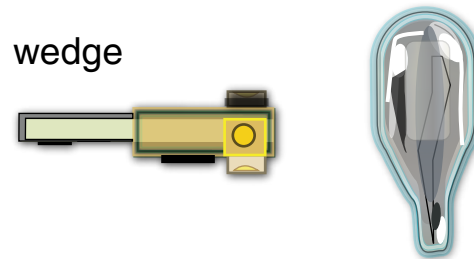
festoon



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.

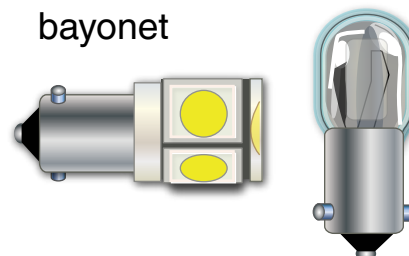
wedge



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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Front Dome and Vanity LED Installation



Front Dome - Step 1

Use a non-marring plastic trim removal tool to pry the trim panel from the front dome light console.

Pry gently around the edges to release the panel plastic clips and drop it down.



Front Dome - Step 2

Do the same thing at the dome light lens. Pry it loose; drop it down.



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Front Dome - Step 3

The front two bulbs have bayonet style bases. Push and twist counterclockwise to remove them.

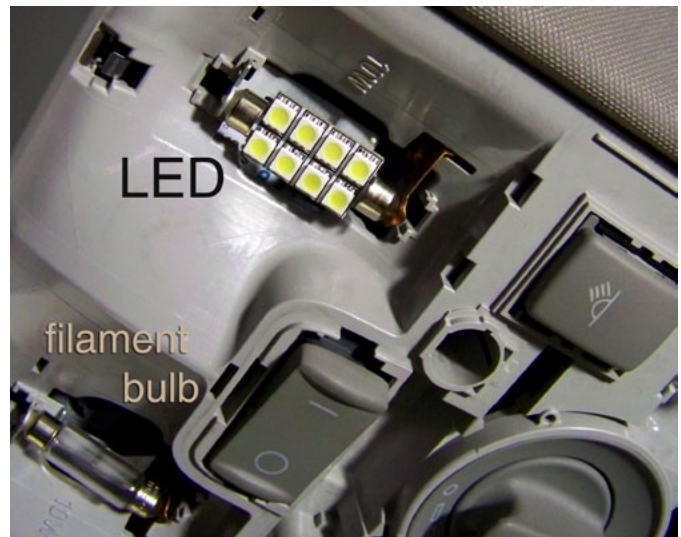
Insert bayonet base LEDs in their place and turn them clockwise until they lock in place.



Front Dome - Step 4

At the rear of the front console, pry out the old filament bulbs. Install the new LEDs.

LEDs are polarity sensitive. If they don't work when installed, flip them end-for-end and test again.



Front Dome - Step 5

Test the lights. Then snap the front console cover and rear lens back in place in the console.



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Vanity Mirror - Step 1

Insert the tip of the non-marring pry tool into the notched end of the light assembly. Push in to release the retaining tab while prying down to release the light assembly from the headliner.



Vanity Mirror - Step 2

The assemblies have a metal heat shield that must be pried off to access the bulb beneath.



Vanity Mirror - Step 3

Remove the old incandescent festoon and install the new LED. The LED chips should face toward the lens.

Reinstall the vanity light and repeat the process on the other vanity mirror light.



Fits Audi B6 A4/S4 Sedan

Rear Dome Light LEDs



Rear Dome - Step 1

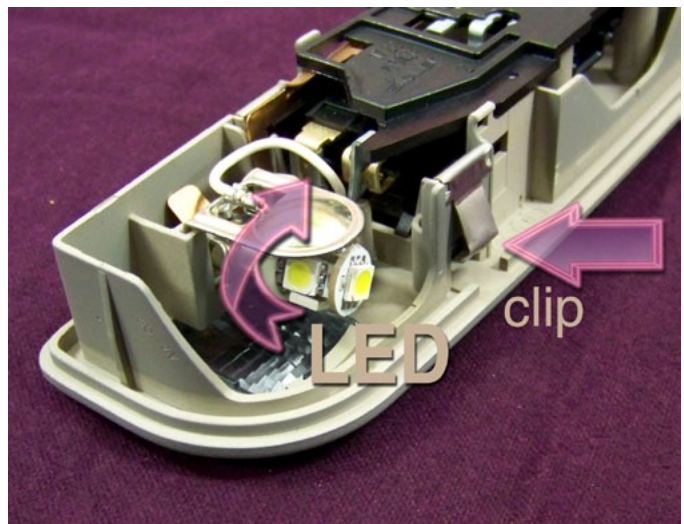
Using the non-mar pry tool, push in to release the retaining clips while prying down to free the light assembly from the headliner.



Rear Dome - Step 2

There are two bayonet sockets in the rear dome light housing. Push and twist counterclockwise to remove; clockwise to install.

Note the location of the metal retainer clip at the front of the housing. Make sure both clips snap fully in place to hold the assembly in the headliner as you reinstall it.



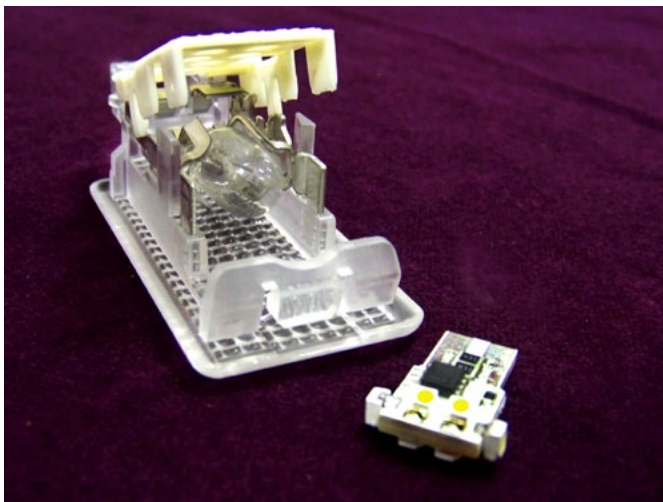
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Remaining Lights



The remaining lights are all wedge style. Located in the front footwells, beneath the front seat bottoms, in the glove box and trunk, and at the door bottoms (puddle lamps), the basic replacement procedure is the same:

- Using the non-marring trim tool, pry on bulb assemblies to remove them.
- Replace incandescent bulbs with wedge-style LEDs.
- Test each LED: reverse its polarity (flip it over and reinstall) if it does not light.
- Temporarily remove heat shields on lights that have them.



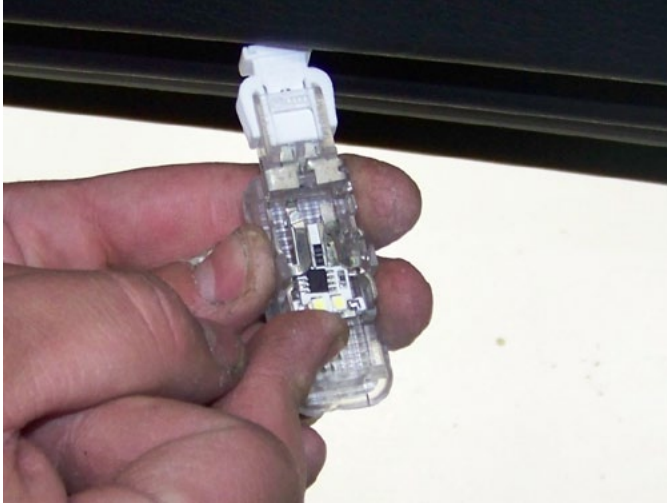
Temporarily lift the heat shields on lights that have them to swap bulbs. Then snap the shields back in place when the LED is installed and tested. Both metal and plastic shields are used in this vehicle at different locations.

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Puddle lamps are located in the door bottoms.



There are two trunk lights.

Make the job easier, and prevent damage to headliners and other interior trim with the ECS Tuning **Trim and Molding Removal Tool Set - ES517779**



Thanks for choosing the ECS Tuning Interior Lighting Kit.