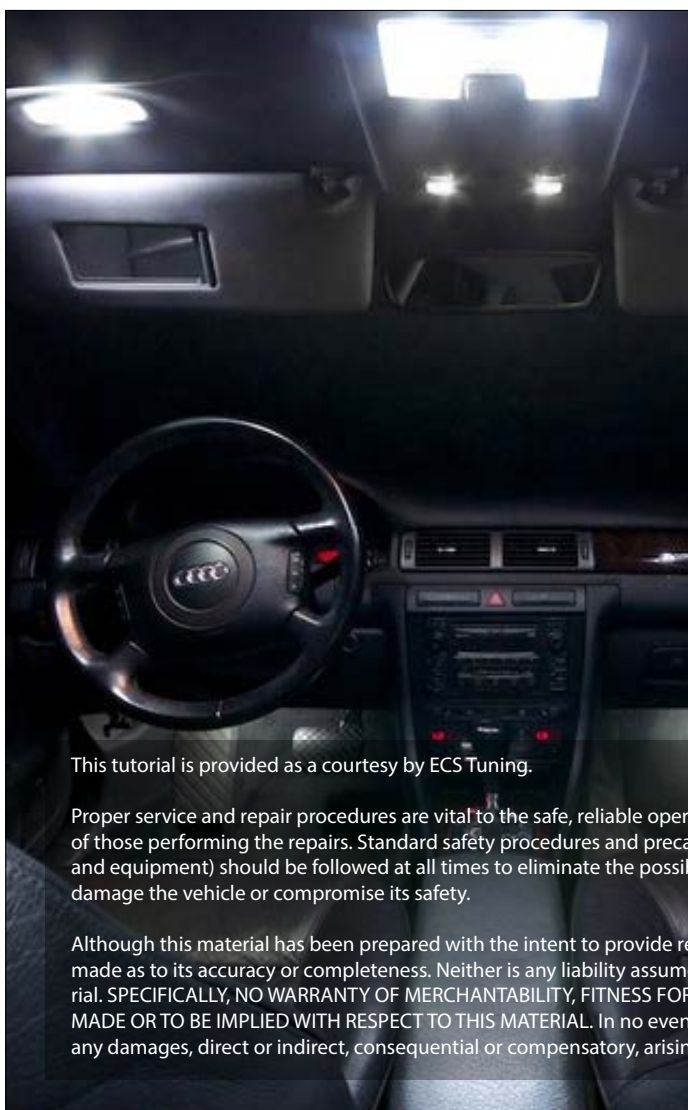




Ziza® Interior Lighting Package Installation Procedures



Part Number **ES2215268**
for Audi C5 A6
(1998-2004)

This tutorial is provided as a courtesy by ECS Tuning.

Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

Although this material has been prepared with the intent to provide reliable information, no warranty (express or implied) is made as to its accuracy or completeness. Neither is any liability assumed for loss or damage resulting from reliance on this material. SPECIFICALLY, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTY IS MADE OR TO BE IMPLIED WITH RESPECT TO THIS MATERIAL. In no event will ECS Tuning, Incorporated or its affiliates be liable for any damages, direct or indirect, consequential or compensatory, arising out of the use of this material.

Ziza Interior Lighting Package Installation

ES2215268



Fits Audi C5 A6

LED Installation Instructions

Interior Lighting Kit for Audi C5 A6
ES2215268



Tools

Trim removal tool – ES517779 (Kit)

Kit Contents

bayonet base (qty 4)
wedge base white LED (qty 4)
36mm white LED festoon (qty 11)
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](#).**

Ziza Interior Lighting Package Installation

ES2215268



Fits Audi C5 A6

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

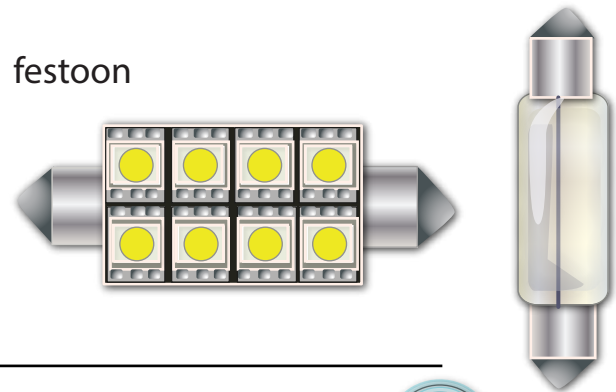
This kit includes three bulb types, classified by their general shape.

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.

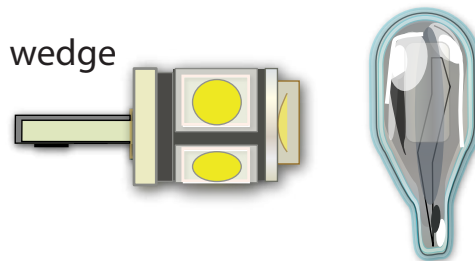
festoon



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.

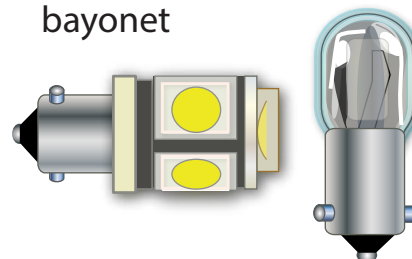
LED wedge lights fit the bulb socket like a filament bulb, but are polarity sensitive.

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.

bayonet



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

Ziza Interior Lighting Package Installation

ES2215268



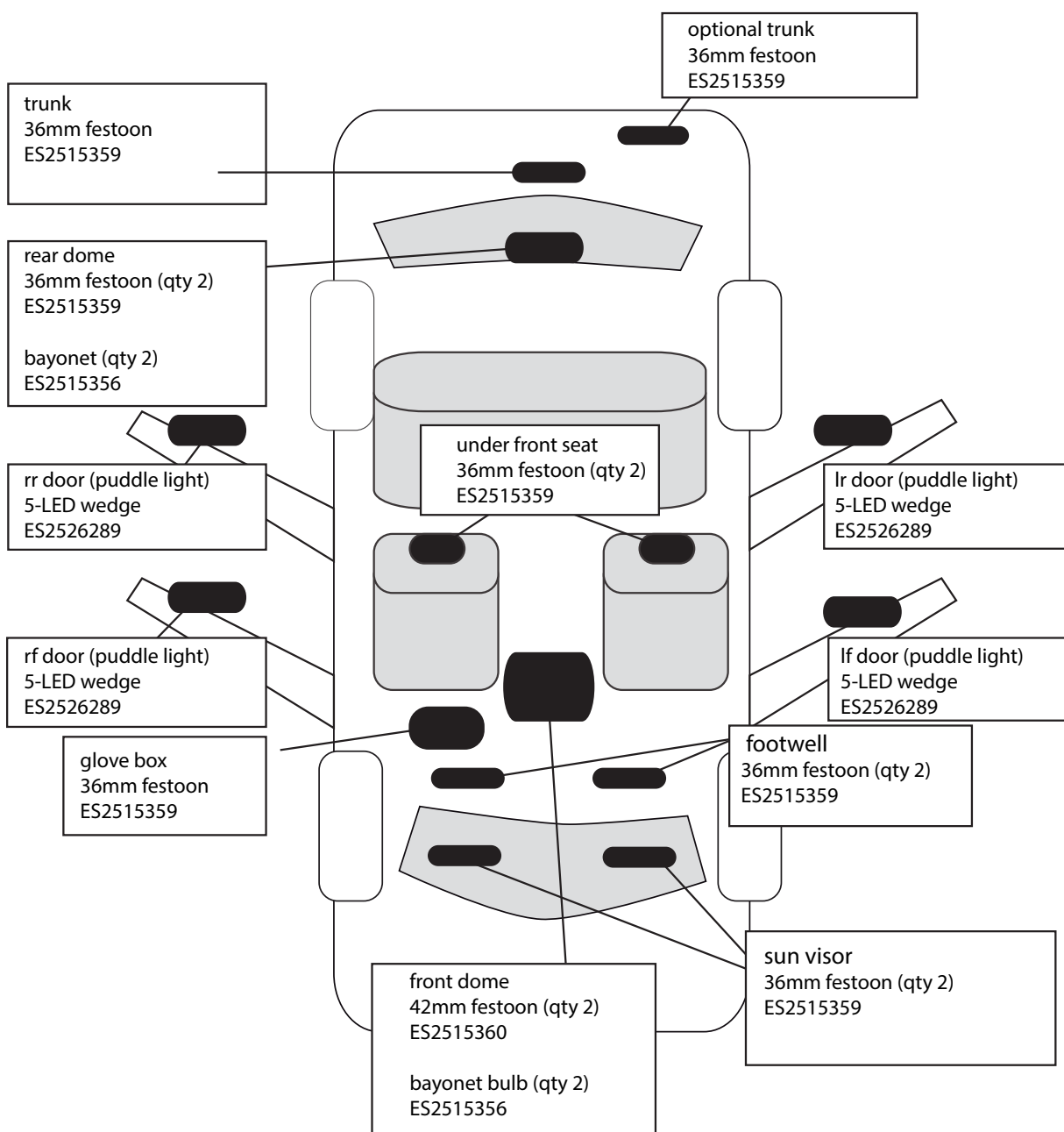
Fits Audi C5 A6

Ziza Interior Lighting Kit Locations

Make ___ Audi ___

Model ___ C5 A6 ___

Kit Part Number ___ ES2215268 ___



Front Dome and Vanity LED Installation



Front Dome - Step 1

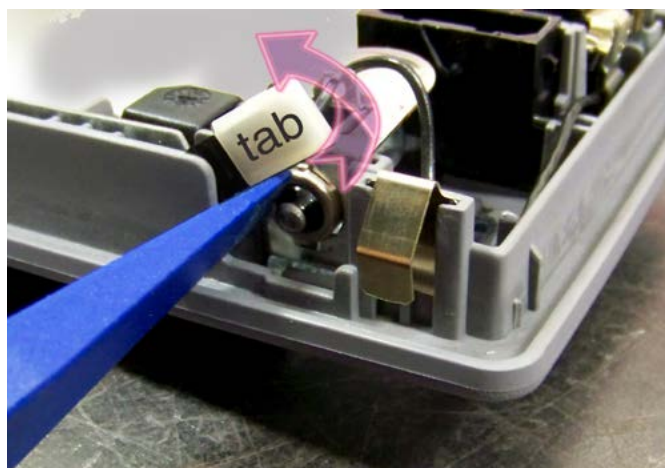
Using a non-marring trim removal tool, pry down on the edge of the front light panel in the overhead console. Work around the edge until the panel comes free and drops down.

Work tip: You may find it easier to unplug the light panel electrical connector and take the entire light assembly to a clean, well-lighted work surface.



Front Dome - Step 2

Use the trim tool to pivot the light bulb retaining tab upward, exposing the base of the bulb.



Ziza Interior Lighting Package Installation

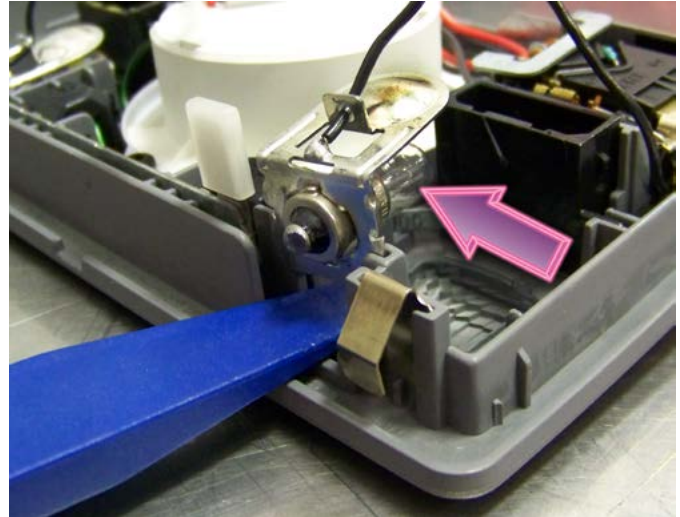
ES2215268



Fits Audi C5 A6

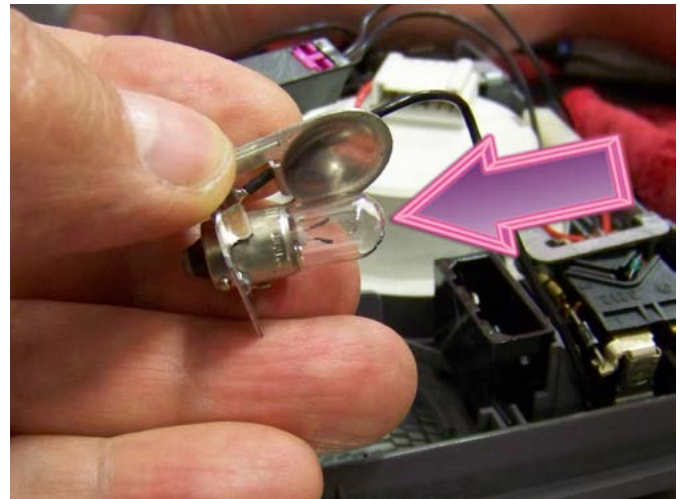
Front Dome - Step 3

Pry up on a bulb holder as shown to remove it from its slot in the console.



Front Dome - Step 4

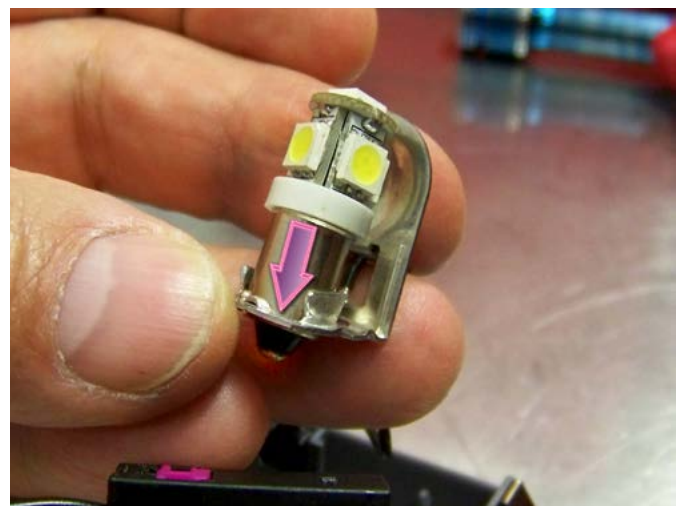
Slide the old bayonet bulb from the holder. Push the bulb through the hole in the holder in the direction shown by our arrow.



Front Dome - Step 5

Insert the new LED into the hole in the light socket in the direction shown by the arrow.

Note: The fit between the bulb base and the hole in the bulb holder is very tight, but it will go through with a little wiggling.



Ziza Interior Lighting Package Installation

ES2215268



Fits Audi C5 A6

Front Dome - Step 5

The installed LED should look like this.



Front Dome - Step 6

Reinstall the bulb holder and LED in the console. Align the metal holder with the slots and push it down all the way until it bottoms.



Front Dome - Step 7

Pivot the bulb locking lever downward to secure the bulb in the holder.

Repeat these steps at the other bayonet bulb in the front dome light console.



Ziza Interior Lighting Package Installation

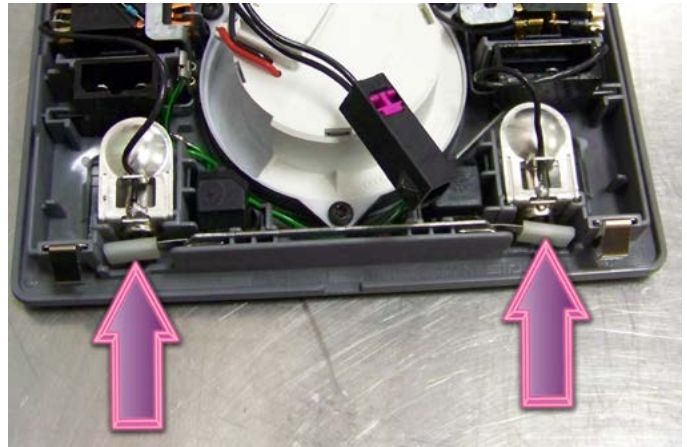
ES2215268



Fits Audi C5 A6

Front Dome - Step 8

Here, both LEDs have been installed in their holders, and both locking levers are in place (arrows).



Front Dome - Step 9

If necessary, reconnect the wiring.

Snap the front light assembly back in place in the front dome light console.



Front Dome - Step 10

Use the trim removal tool to pry the reading light lens down. Remove it.



Ziza Interior Lighting Package Installation

ES2215268



Fits Audi C5 A6

Front Dome - Step 11

Remove the original filament style festoon bulbs; install new 42mm festoon LED arrays.

Test their operation. If either fails to light, the polarity is probably reversed: flip it end-for-end and reinstall it.

Test again.



Front Dome - Step 12

Snap the lens cover back in place and do a final quality control test of all your newly installed LEDs.



Vanity Mirror Lights - Step 1

Use the trim removal tool to pry down on the vanity mirror light assembly.

Drop it down.



Ziza Interior Lighting Package Installation

ES2215268



Fits Audi C5 A6

Vanity Mirror Lights - Step 2

Remove the old filament bulb and install a new 36mm festoon LED array. The light chips should face toward the lens when the festoon is installed.

If it does not work, the polarity is reversed. Flip it end-for-end and test again.



Rear Dome Light LED Installation



Rear Dome Light - Step 1

Pry down on the rear of the dome light assembly (arrow) with the trim removal tool.

Lower the assembly.

Work tip: You may find it easier to disconnect the assembly and take it to a clean well lighted work surface.



Ziza Interior Lighting Package Installation

ES2215268



Fits Audi C5 A6

Rear Dome Light - Step 2

The rear dome light console has four bulbs. The two bayonet style bulbs are accessible from the rear of the light assembly.



Rear Dome Light - Step 3

Rotate the old filament style bayonet and pull it from the socket.

Insert a bayonet LED in its place. Push and twist until it seats in place in the bulb holder.

Repeat the process at the other bayonet bulb holder.



Rear Dome Light - Step 4

Now flip the light assembly over. Pry off the front lens to expose the bulbs beneath.



Ziza Interior Lighting Package Installation

ES2215268



Fits Audi C5 A6

Rear Dome Light - Step 5

- Remove the old festoon filament bulbs.
- Install the new 36mm festoon LED arrays.

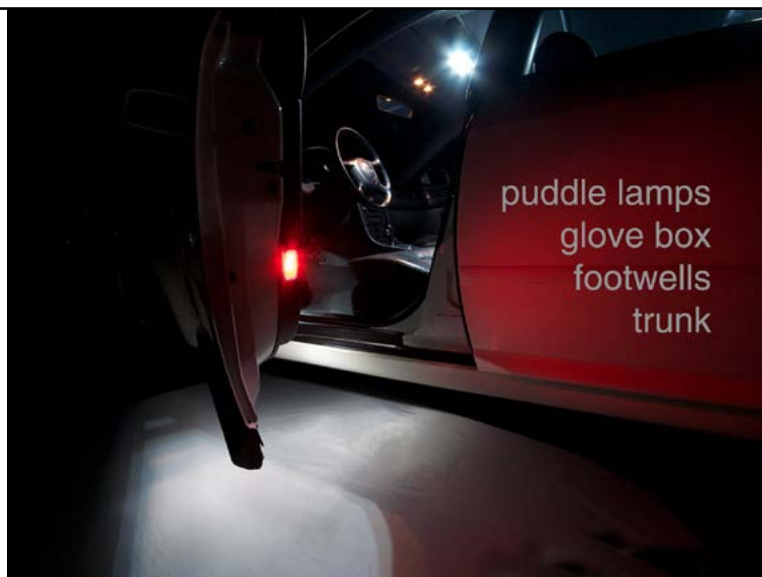
Test them. If either does not work, its polarity is reversed. Flip it end-for-end and retest.

Reinstall the lens over the LEDs.

Snap the assembly back in place in the headliner.



puddles
glove box
footwells
trunk



Puddle LEDs - Step 1

Use the trim removal tool to pry out each of the four puddle lamps located in the front and rear door bottoms.



Ziza Interior Lighting Package Installation

ES2215268



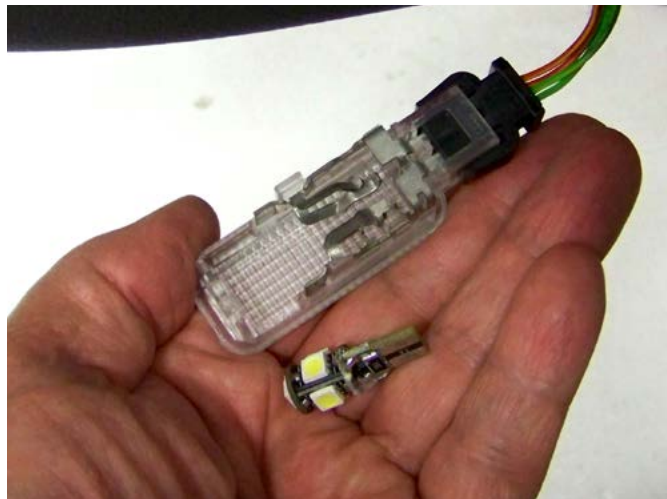
Fits Audi C5 A6

Puddle LEDs - Step 2

Remove the original bulb and install a new 5-chip wedge LED in each socket.

If any LED fails to work when tested, its polarity is reversed. Remove the LED and flip it over; test again.

Reinstall all four puddle lamp assemblies in the door bottoms.



Glove Box

Pry the glove box light assembly down from the roof of the glove box liner.

Replace the original filament festoon bulb with a 36mm LED festoon.

If it does not light when tested, its polarity is reversed; flip it end-for-end and reinstall it.



Footwell Lights

Pry down each of the four footwell light assemblies.

Front footwell lights are located in the front underdash trim panels; rear footwell lights are located at the base of the front seat backs.

Install a new 36mm festoon LED array in each of the four footwell light housings. The light chips should face the lens when installed.

If the festoon array does not light when tested, its polarity is reversed; flip it end-for-end and reinstall it.



Ziza Interior Lighting Package Installation

ES2215268



Fits Audi C5 A6

Trunk Lights - Step 1

The trunk has two lights.

Pry out the light assembly from the rear interior trim panel, as shown.



Trunk Lights - Step 2

Replace the old festoon bulb with a new 36mm festoon LED array.

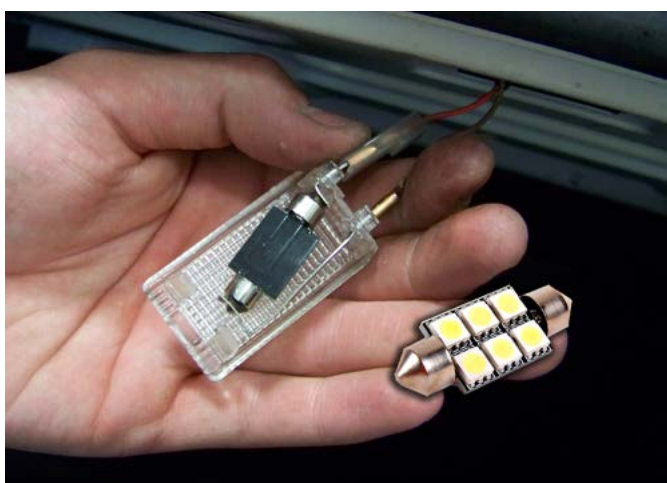
The light chips should face toward the lens, as shown.

If the festoon array does not light when tested, its polarity is reversed; flip it end-for-end and reinstall it.



Trunk Lights - Step 3

Repeat the process at the trunk light assembly located in the trunk roof.



Ziza Interior Lighting Package Installation ES2215268



Fits Audi C5 A6

This concludes the installation of the Ziza Interior Light 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](#).