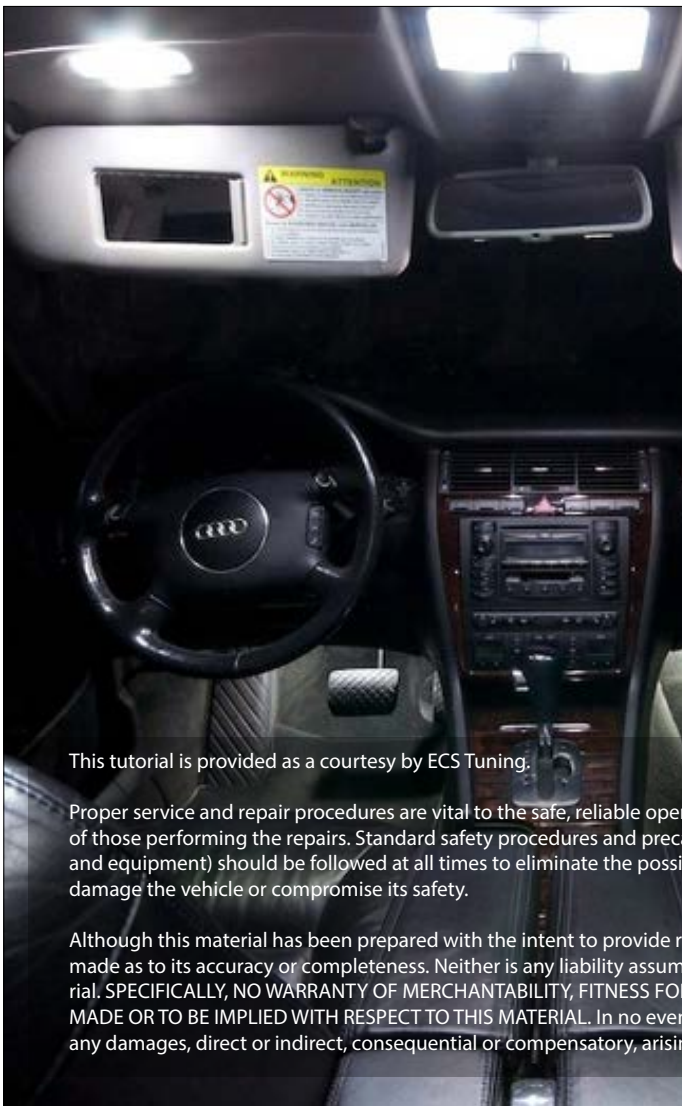


ECS TUNING

Ziza® Interior Lighting Package Installation Procedures



Part Number **ES2215298**
for Audi D2 A8
(1997-2002)

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Ziza Interior Lighting Package Installation

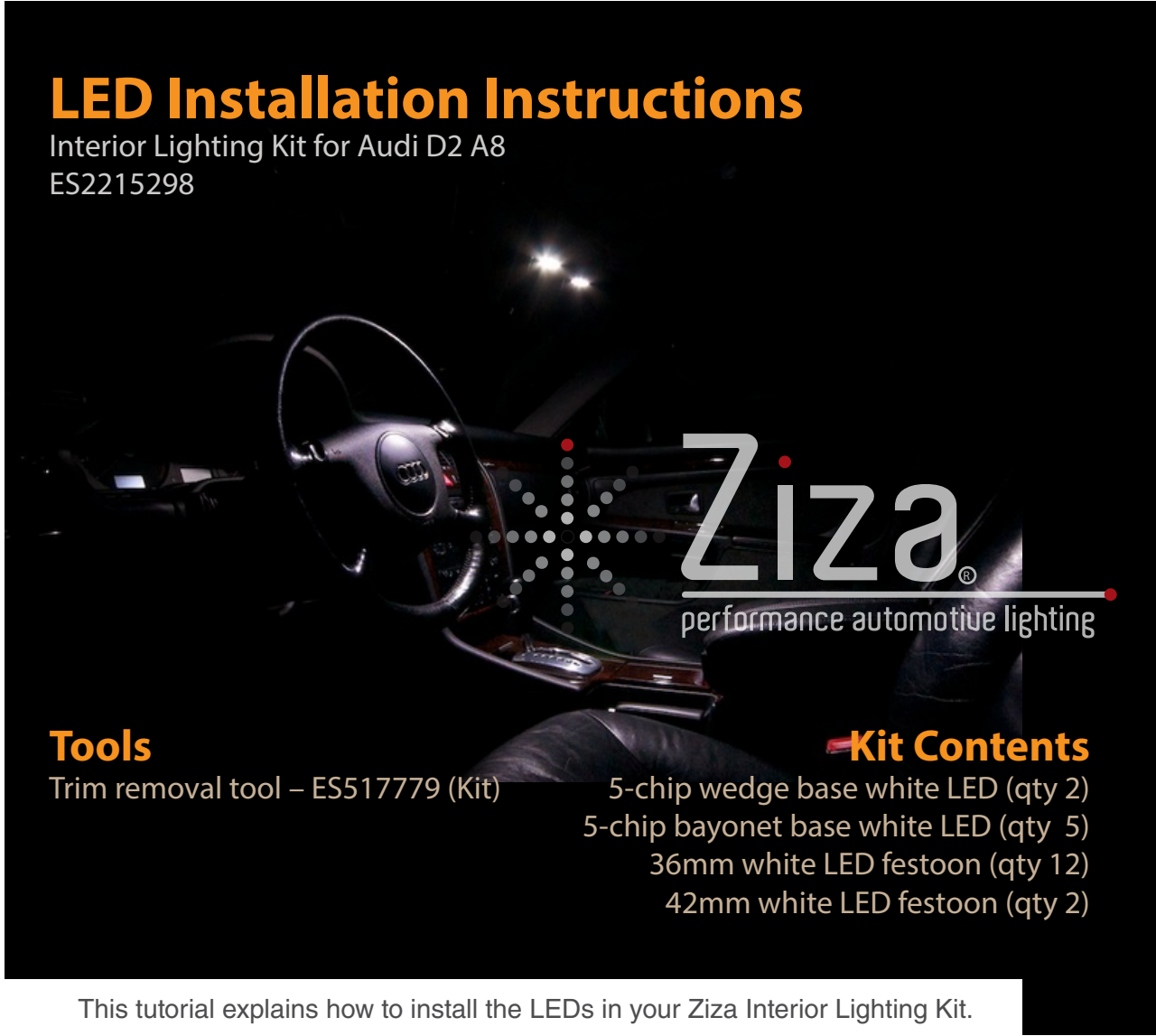
ES2215298



Fits Audi D2 A8

LED Installation Instructions

Interior Lighting Kit for Audi D2 A8
ES2215298



Ziza
performance automotive lighting

Tools

Trim removal tool – ES517779 (Kit)

Kit Contents

- 5-chip wedge base white LED (qty 2)
- 5-chip bayonet base white LED (qty 5)
- 36mm white LED festoon (qty 12)
- 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

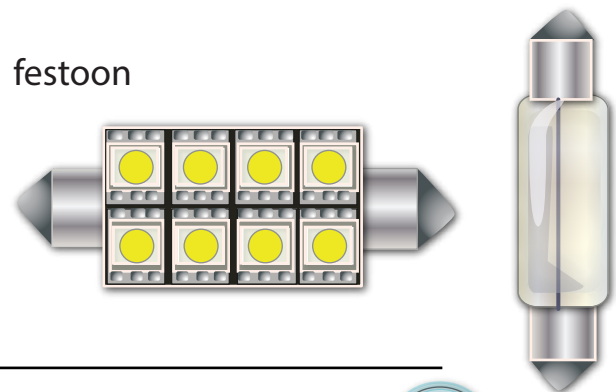
This kit includes three bulb types, classified by their general shape.

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.

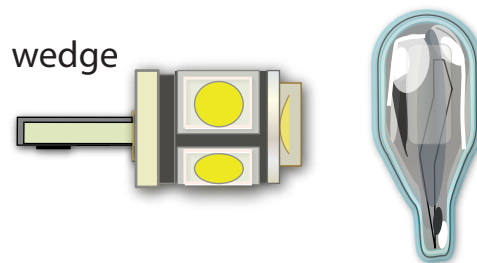
festoon



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.

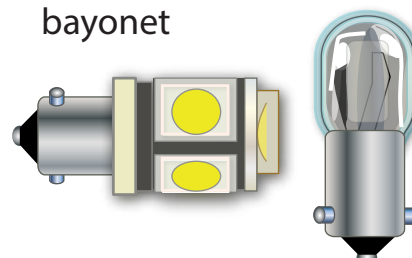
LED wedge lights fit the bulb socket like a filament bulb, but are polarity sensitive.

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.

bayonet



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

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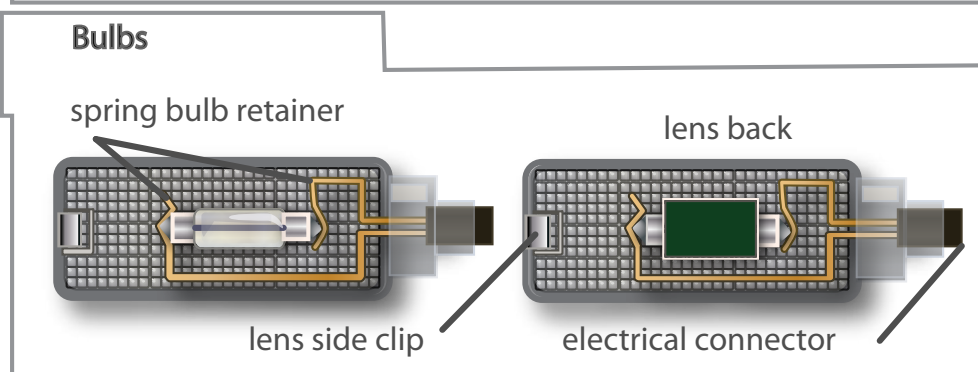
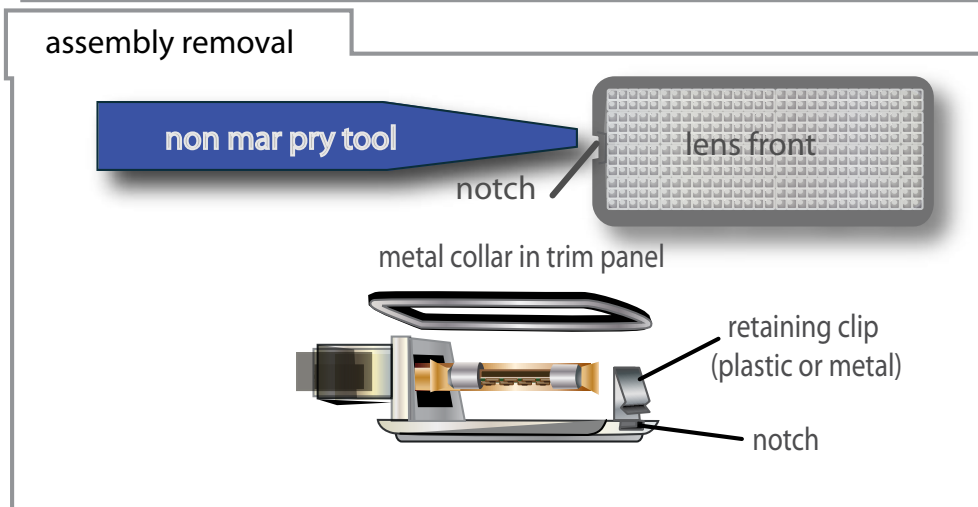
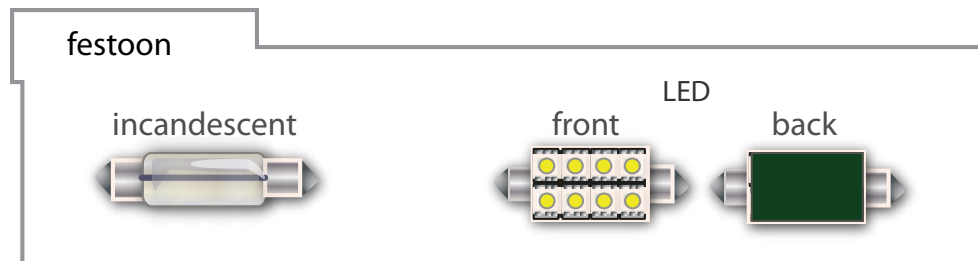
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Fits Audi D2 A8

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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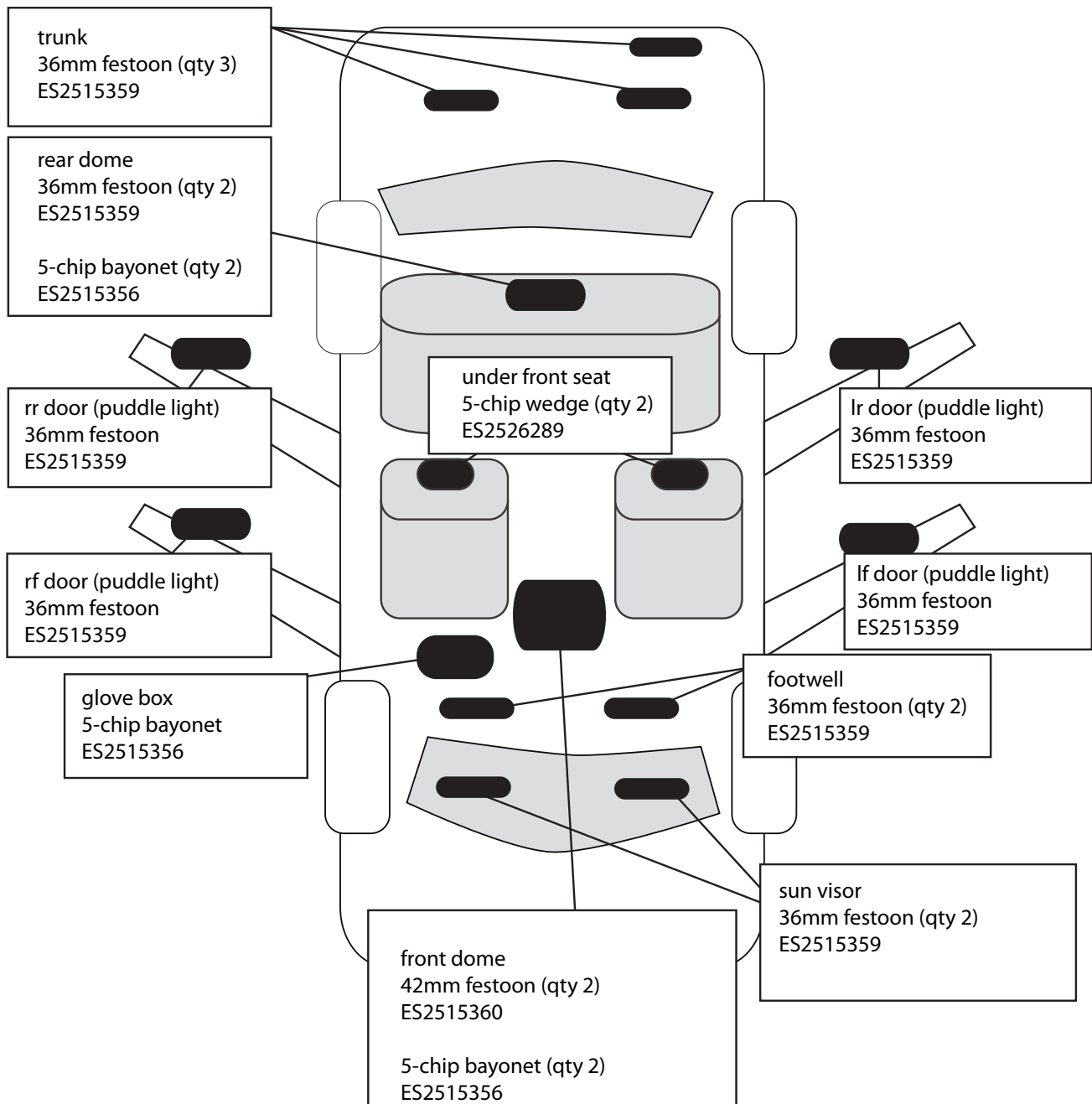
Fits Audi D2 A8

Ziza Interior Lighting Kit Locations

Make _____ Audi _____

Model _____ D2 A8 _____

Kit Part Number _____ ES2215298 _____



Ziza Interior Lighting Package Installation

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Fits Audi D2 A8

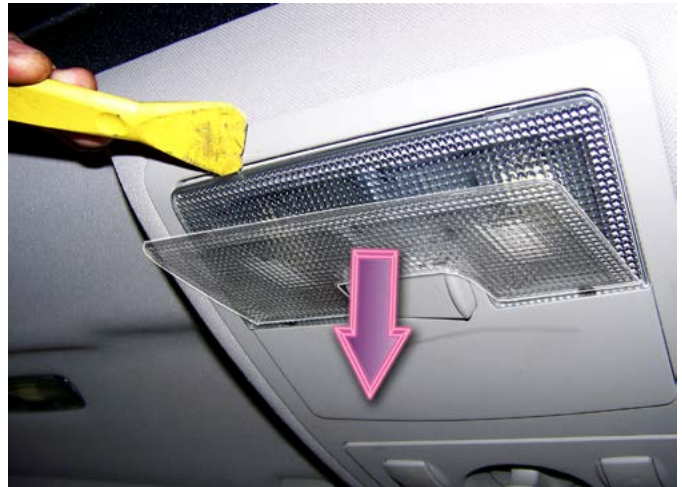
Front Dome Mirror Vanity and Glove Box LED Installation



Front Dome - Step 1

Using a non-mar trim removal tool, pry at the rear edge of the dome light lens to release it.

Remove the lens.



Front Dome - Step 2

Pry the glass filament style festoon bulbs out of the bulb holders.

Install a 42mm festoon array in each of the two bulb holders.

LED arrays are polarity sensitive. If they do not work when originally installed, flip them end-for-end to get them working.



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Fits Audi D2 A8

Front Dome - Step 3

When both LED arrays are working, snap the dome light lens back in place.



Front Mirror Lights - Step 1

Using a trim removal tool, pry down on the edges of the circular lenses at the bottom of the rear view mirror.

Remove both lenses.

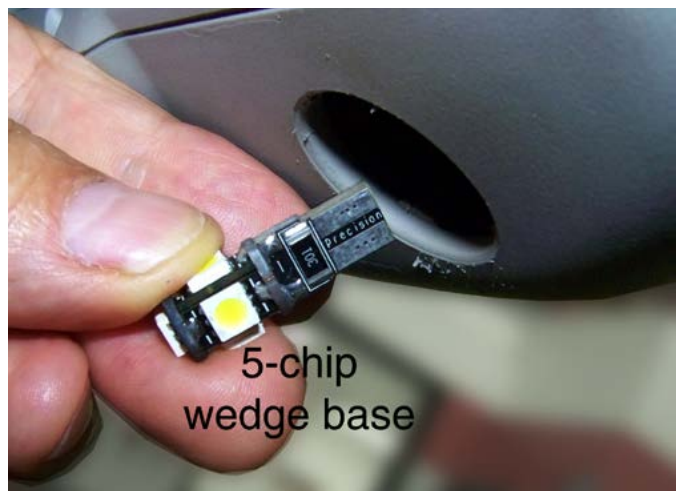


Front Mirror Lights - Step 2

Pull the original wedge base lights straight out of the bulb holders.

Replace them with 5-chip wedge base LEDs.

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



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Front Vanity - Step 1

Drop the sun visors to expose the vanity lights.

Use a non-marring trim tool to pry at the notched end of the vanity light.

Insert the tool between the lens plastic and the metal support collar in the headliner to compress the spring retainer clip.

Drop the assembly down.



Front Vanity - Step 2

Pry off the metal heat shield to expose the glass festoon bulb beneath it.

Replace the glass bulb with a 36mm festoon LED array. The LED is polarity sensitive: if it does not work when initially installed, flip it end-for-end to get it working.

Reinstall the heat shield.

Reinstall the vanity light in the headliner and repeat the process at the opposite vanity mirror light.



Glove Box

Using a trim removal tool, pry down on the glove box light assembly, and drop it down.

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

Reinstall the light assembly in the glove box liner.



Rear Dome Puddles Footwells and Trunk LEDs



Rear Dome - Step 1

Using the trim removal tool, pry down on the rear dome light trim to release it from the headliner.



Rear Dome - Step 2

Using the trim removal tool, pry off and remove the front lens cover from the rear dome light assembly.



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Rear Dome - Step 3

Remove the original glass filament festoon bulbs and install new 36mm festoon LED arrays in their places.

The LED arrays are polarity sensitive. If they do not light when initially installed and tested, flip them end-for-end to get them working.

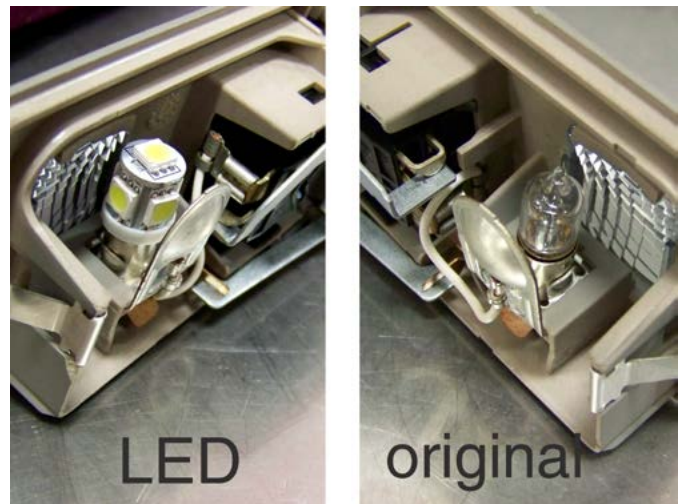
Reinstall the lens removed in the previous step.



Rear Dome - Step 4

Flip the rear dome light assembly over.

On the backside, remove the original glass filament bayonet style bulbs, and replace them with 5-chip bayonet base LEDs.



Rear Dome - Step 5

Verify that all lights are working.

Reinstall the assembly in the headliner to complete the rear dome light installation.



Ziza Interior Lighting Package Installation

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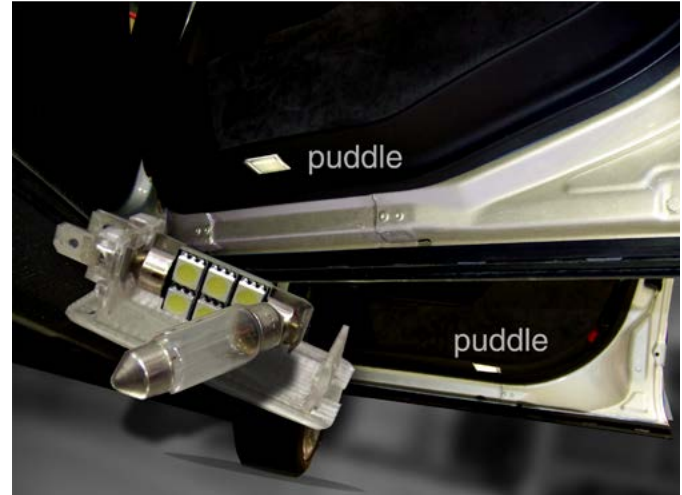
Fits Audi D2 A8

Puddle Lamps

There are four puddle lamp locations in the bottoms of the front and rear doors.

Using the trim removal tool, pry down the light assemblies and replace the original glass festoon bulbs with 36mm festoon LED arrays. Make sure the light chips in each LED array face downward, toward the lens.

The LED arrays are polarity sensitive. If they do not work when initially installed, flip them end-for-end to get them working.



Front Footwells

Using the trim removal tool, pry down the front footwell light assemblies from beneath the dashboard, and replace the original glass festoon bulbs with 36mm festoon LED arrays. Make sure the light chips in each LED array face downward, toward the lens.

The LED arrays are polarity sensitive. If they do not work when initially installed, flip them end-for-end to get them working.

Repeat this at the opposite side footwell light.



Rear Footwells

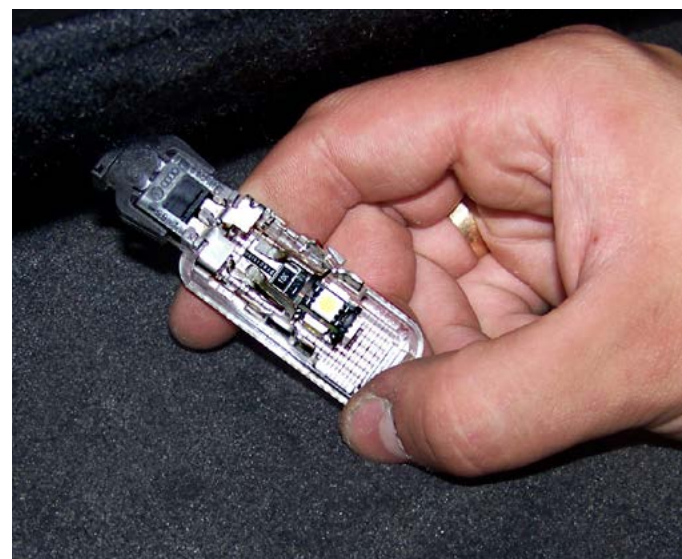
Unlike the front footwell lights, the rear footwells use wedge base bulb holders.

Using the trim removal tool, pry down the rear footwell light assemblies located in the bottoms of the front seats.

Replace the original glass bulbs with 5-chip wedge base LEDs.

The LEDs are polarity sensitive. If they do not work when initially installed, rotate and reinstall them in the bulb holder.

Repeat this at the opposite side footwell light.



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Trunk Lights - Step 1

There are three lights inside the trunk, all of which use a 36mm festoon bulb.

Pry down the **two** lights located in the stamped metal panel at the top of the trunk. Replace the original festoon filament bulbs with 36mm festoon LED arrays.

The LEDs are polarity sensitive. If they do not work when initially installed, flip them end-for-end to get them working.



Trunk Lights - Step 2

The third trunk light is located in the rear trunk trim panel, facing inward.

This light assembly also uses a 36mm festoon. Use the same procedures used to install the other two trunk lights to install the third trunk light.



This concludes the installation of the Ziza Interior Light Kit.



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