

ECS TUNING®

Installation Procedures



Part Number **ES2642238**
for
VW Beetle
(2012+)

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Ziza Interior Lighting Package Installation

ES2642238



Fits Beetle (2012+)

LED Installation Instructions

Interior Lighting Kit for VW Beetle
ES2642238



Ziza
performance automotive lighting

Tools

Trim removal tool – ES517779 (Kit)
T20 Torx Driver

Kit Contents

8-chip wedge base white LED (qty 2)
42mm 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](#).**

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

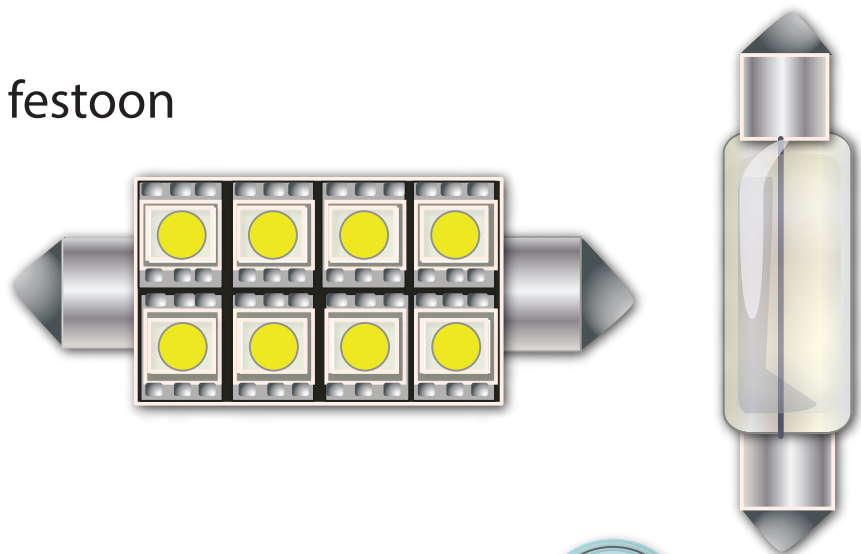
This kit includes three bulb types, classified by their general shape.

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.

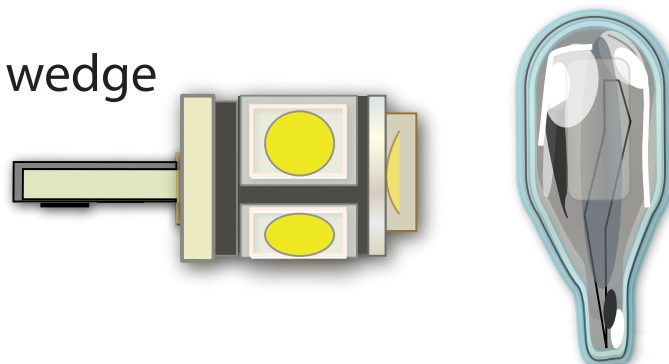
festoon



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.

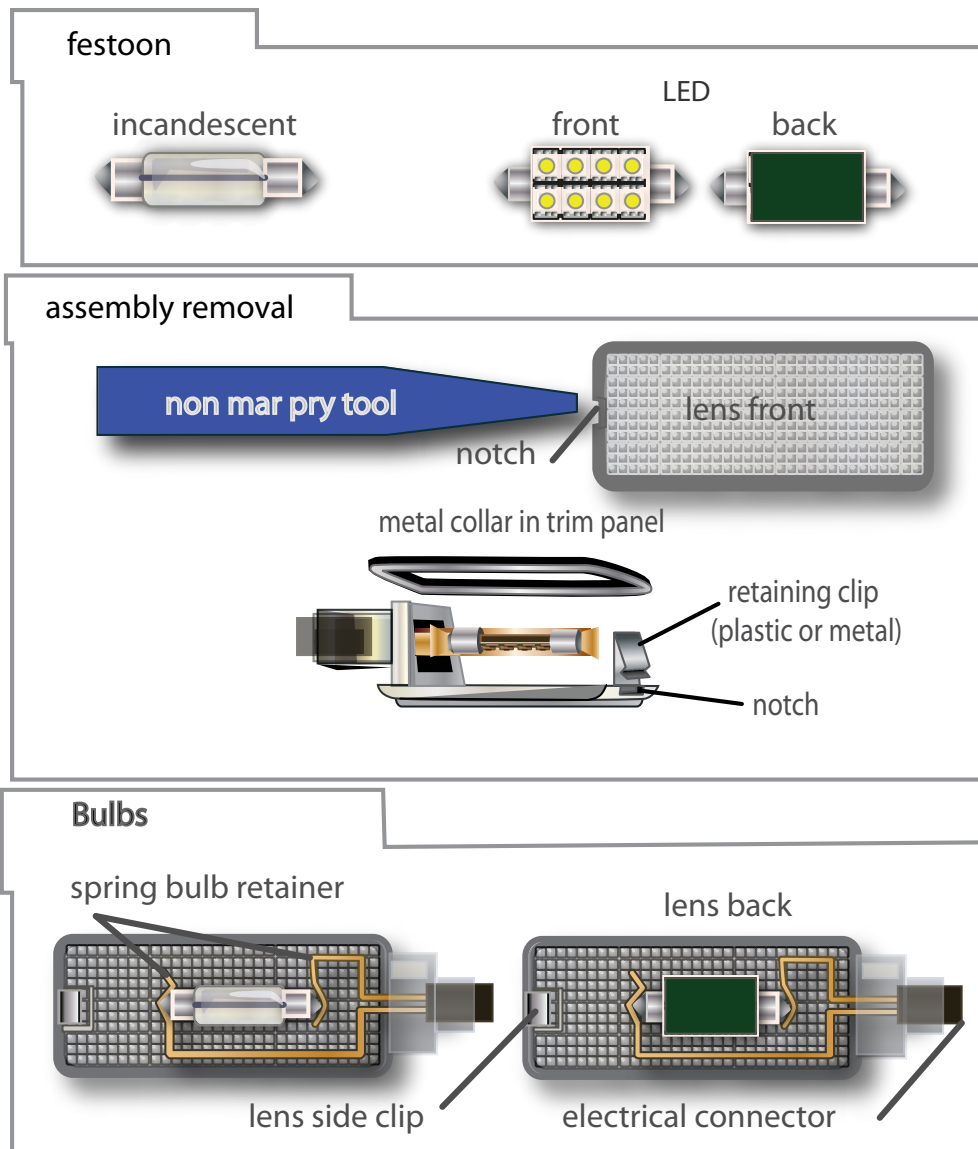
LED wedge lights fit the bulb socket like a filament bulb, but are commonly polarity sensitive.

wedge



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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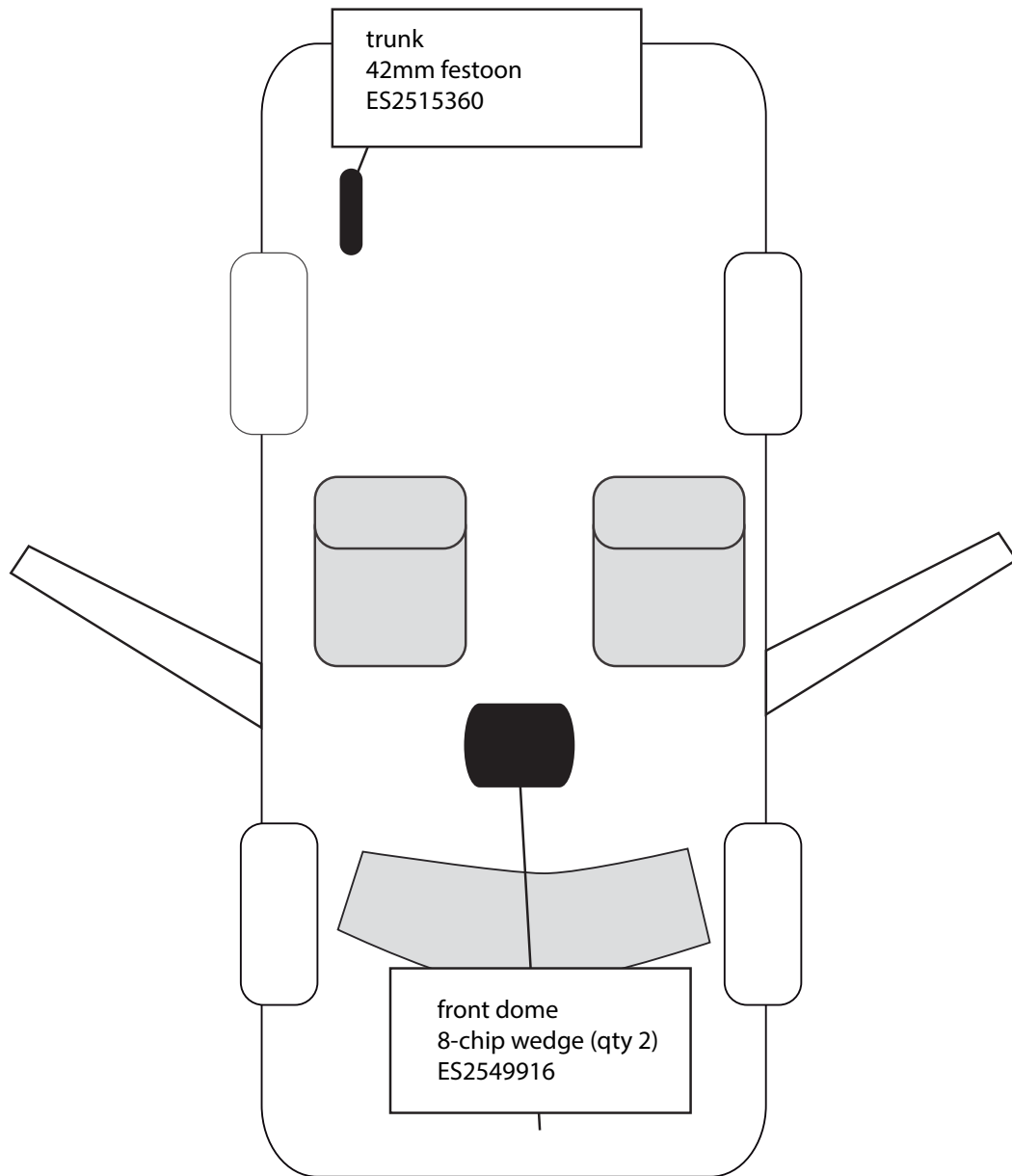


Fits Beetle (2012+)

Ziza Interior Lighting Kit Locations

Make/Model _____ VW Beetle _____

Kit Part Number ___ ES2642238 _____



Ziza Interior Lighting Package Installation

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Fits Beetle (2012+)

Front Dome - Step 1

Using a non-marring trim removal tool, pry down on the edge of the dome light console access panel to pop it loose at the edge.



Front Dome - Step 2

Work your way across the rear of the panel, releasing the plastic clips until the panel comes free.



Front Dome - Step 3

Pivot the rear edge of the access panel downward. Let the panel hang.

Use a T20 Torx® driver to remove the two dome light assembly screws (arrows).



Fits Beetle (2012+)

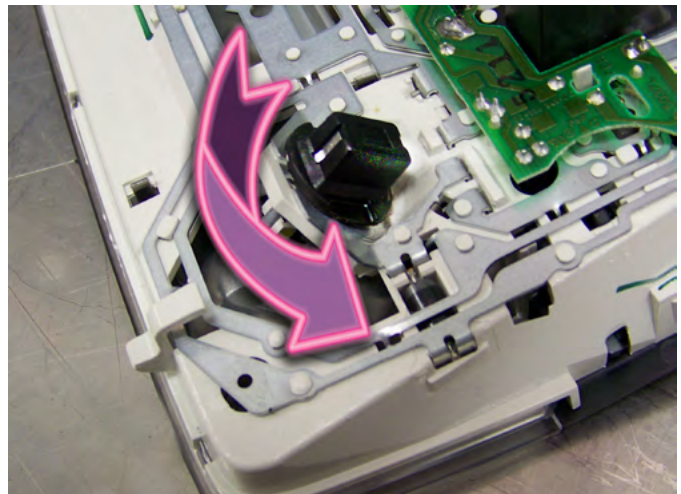
Front Dome - Step 4

Pull down at the rear edge of the bulb holder assembly and pivot it down and out of the light housing.



Front Dome - Step 5

Twist the two black bulb holders a quarter turn counterclockwise, then pull to remove them.



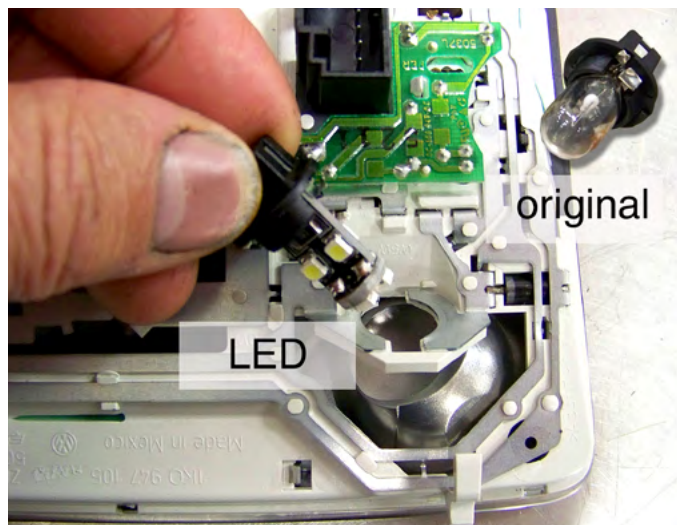
Front Dome - Step 6

Pull the original filament bulbs straight out of the black bulb holders and insert 8-chip LEDs.

Reinsert the bulb holders into the sockets and turn them a quarter turn clockwise to lock them in place.

Note: The LEDs are polarity sensitive. Test the lights before reinstalling the assembly. If either does not work initially, remove the bulb holder and rotate it 180 degrees in its socket to get it working.

Reinstall the light assembly.



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Fits Beetle (2012+)

Trunk Light - Step 1

Using a trim removal tool, pry the edge of the trunk light away from the right side trim panel.



Trunk Light - Step 2

Pry the original glass festoon bulb from the spring holder and replace it with a 42mm LED array.

The LED array is polarity sensitive. If it does not light initially when tested, flip it end-for-end in its holder to get it working.



Trunk Light - Step 3

Insert one end of the bulb assembly into the trim panel and snap it in place.

This completes the Ziza LED interior lighting package installation in the VW Beetle.



Thanks for purchasing the Ziza LED kit.

We appreciate your business and hope this tutorial has been helpful.



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](#).