



Ziza® Interior Lighting Package Installation Procedures



Part Number **ES2215278**
for VW MKV
Jetta Sedan Models

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Fits VW MKV Jetta Sedan Models

LED Installation Instructions

Interior Lighting Kit for Jetta MKV Sedan Models
ES2215278



Ziza
performance automotive lighting

Tools

Trim removal tool –ES#517779 (Kit)
Phillips screwdriver

Kit Contents

wedge base white LED (qty 6)
36mm white LED festoon (qty 2)
42mm white LED festoon (qty 1)

This tutorial explains how to access and replace bulbs with the LEDs in your Ziza 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](#).**

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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

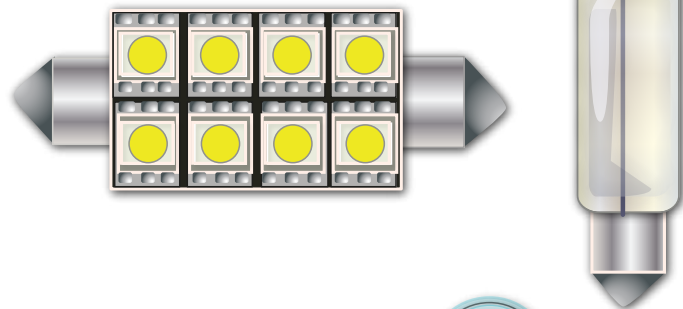
This kit includes two bulb types, classified by their general shape.

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.

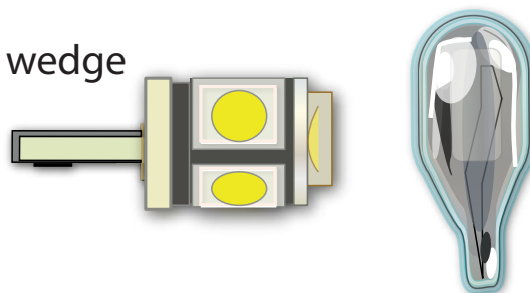
festoon



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



The kit for the MKVI contains two wedge LED sizes: the “normal” size wedge LED array with 6 light chips, and a mini wedge light with a T10 base and a single LED chip, used in the front and rear dome lights.

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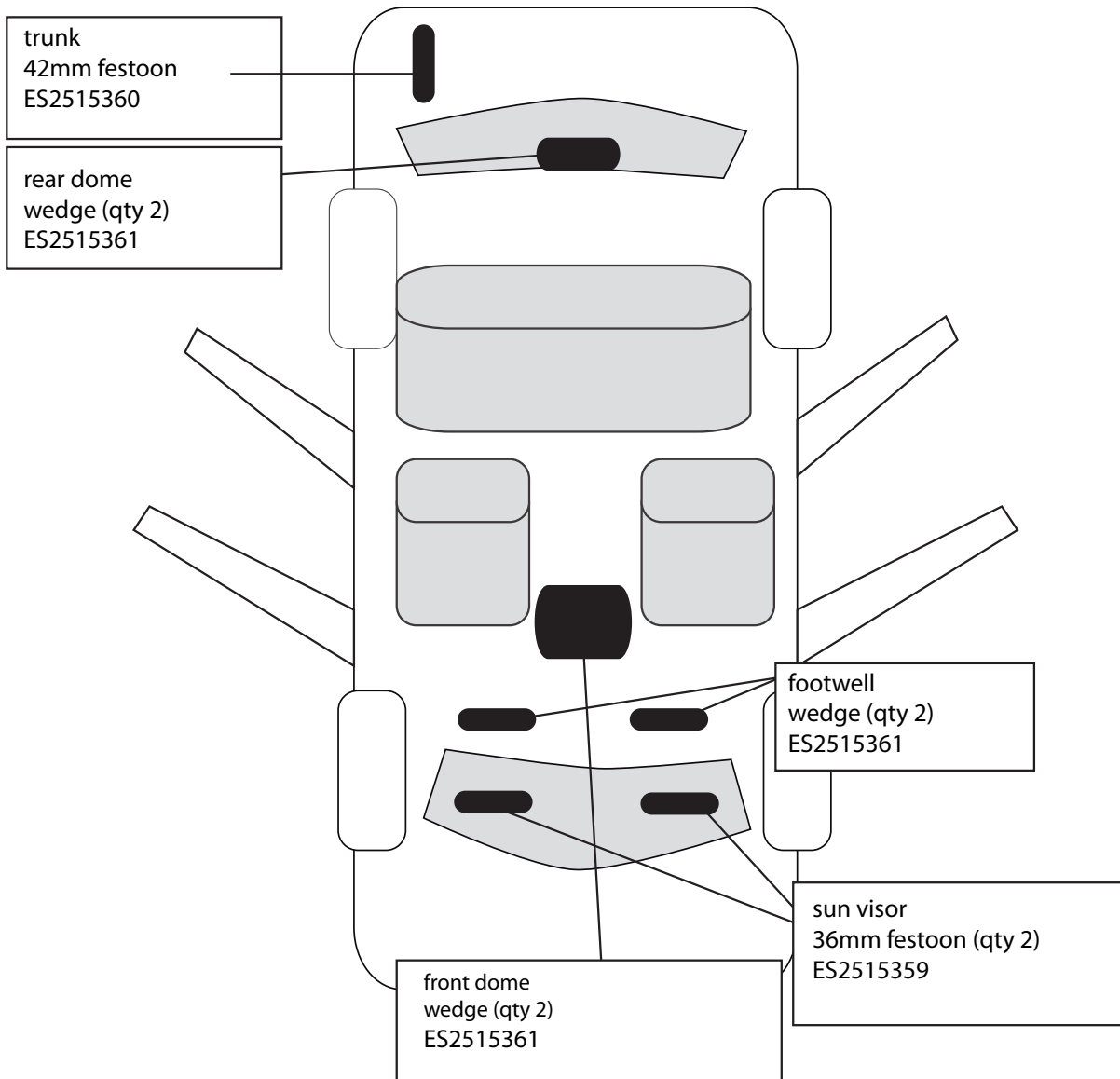
Fits VW MKV Jetta Sedan Models

Ziza Interior Lighting Kit Locations - 4-Door Applications

Make ___ VW _____

Model ___ Jetta MKV Sedan Models _____

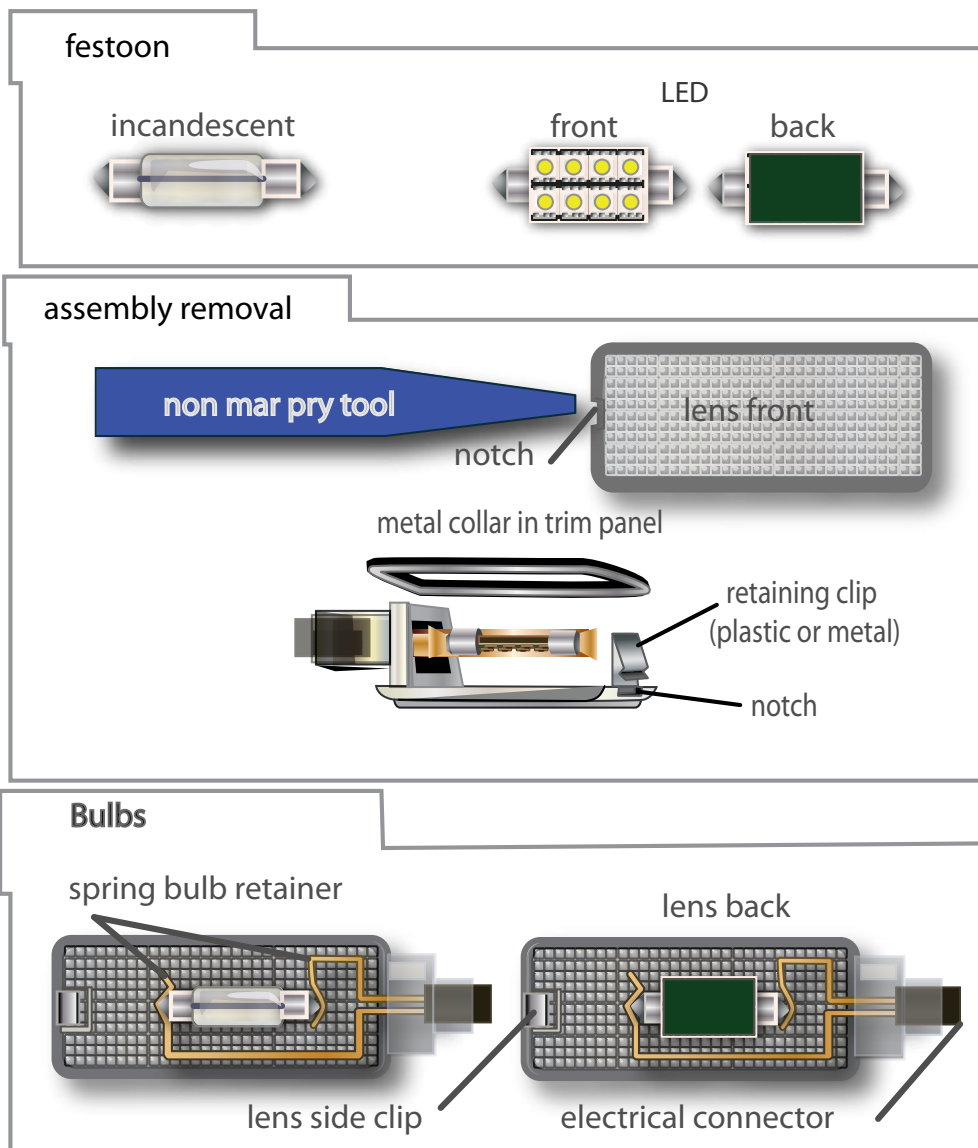
Kit Part Number ___ ES2215278 _____



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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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Front Dome and Vanity Light LED Installation



Front Dome - Step 1

Use a non-marring tool, pry down the rear edge of the plastic trim panel on the dome light console.

Remove the panel.



Front Dome - Step 2

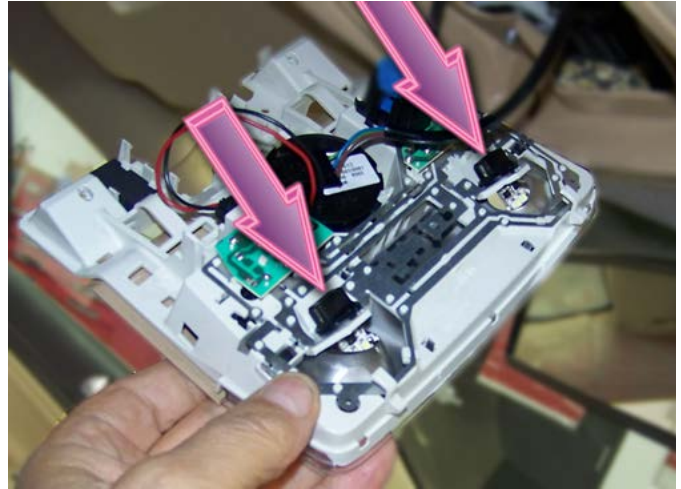
Remove the two Phillips head screws holding the assembly in the headliner.



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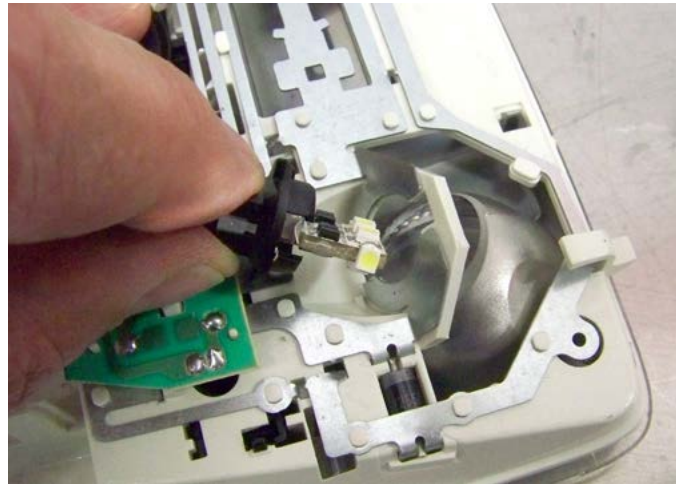
Front Dome - Step 3

Drop the dome light assembly down. Note the location of the two bulb holders (arrows).



Front Dome - Step 4

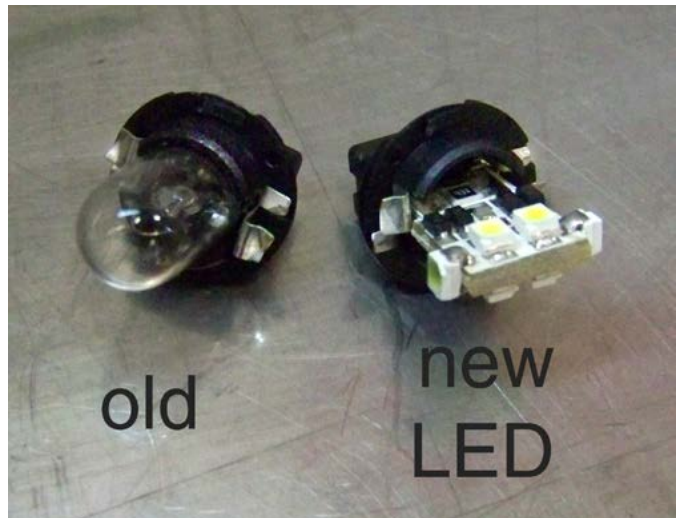
Twist the head of the bulb socket one-quarter turn and remove it.



Front Dome - Step 5

Pull the old filament bulb straight out of the bulb socket. Push a new LED into the bulb socket.

Our photo shows the old filament bulb and the new LED that we're installing.



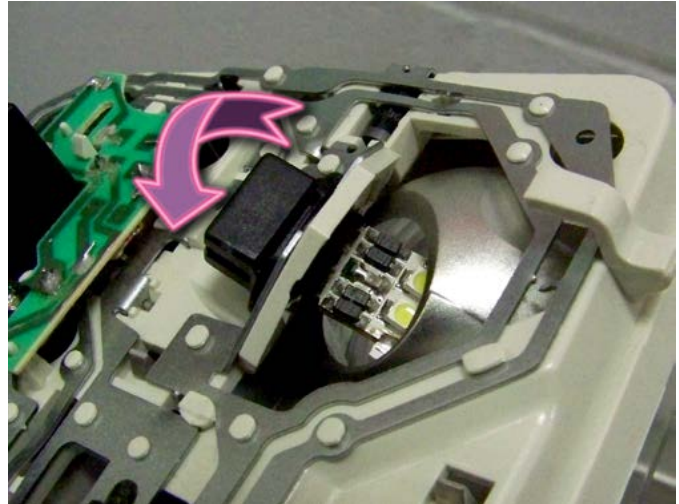
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Front Dome - Step 6

Reinstall the bulb holder in the light assembly. Insert the holder into the console socket. Then twist it one quarter turn to lock it in place.

This photo shows the new LED and bulb holder installed in the light assembly.

Repeat these steps at the other bulb holder.



Front Dome - Step 7

Test the lights.

Reinstall the assembly in the headliner and reinstall the two screws removed in step 2.

Replace the plastic trim piece removed in step 1.



Vanity Mirror Light Step 1

Remove the vanity mirror light assemblies from the headliner.

- Insert the tip of your non-marring trim removal tool between the notched end of the lens and the headliner.
- Push inward to compress the metal retainer spring clip (arrow) and pry down.
- Let the light assembly drop down.



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Vanity Mirror Light Step 2

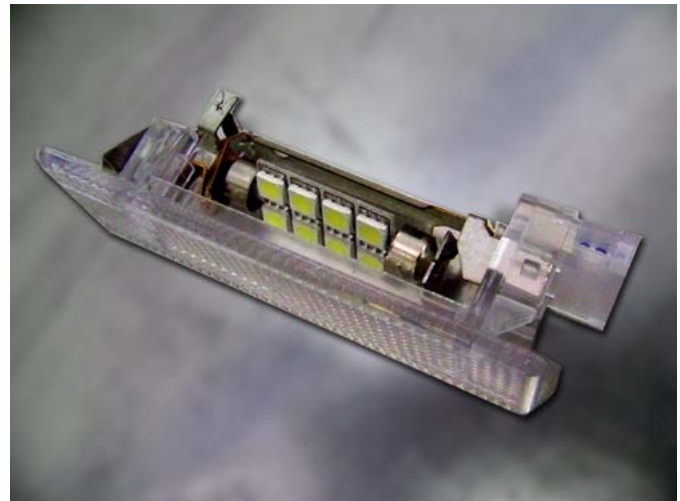
Remove the old festoon filament bulb and insert a new LED festoon into the light assembly.

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



Vanity Mirror Light Step 3

The LED light chips should face the lens in the light fixture, as shown here.



Vanity Mirror Light Step 4

With the LED installed and working, repeat the process to install an LED in the other vanity mirror light (arrow)



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Rear Dome Light LED Installation



Rear Dome Light - Step 1

Using the non-mar plastic trim removal tool, remove the trim bezel at the rear dome light.

Pry down to release the plastic snap-in-place clips one at a time until the trim drops down.



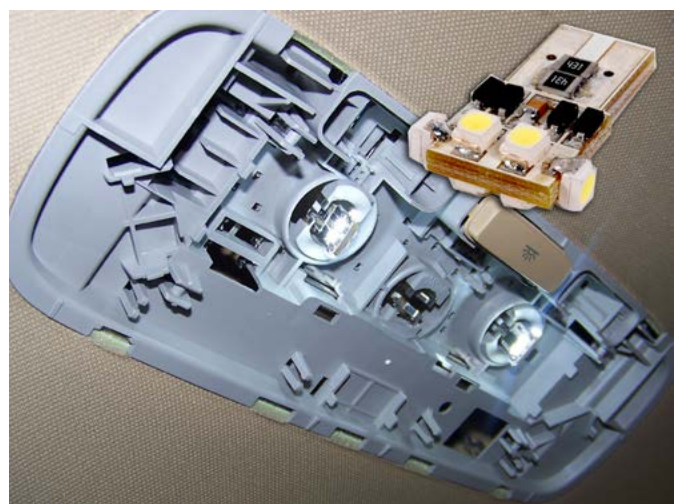
Rear Dome Light - Step 2

Remove the old filament bulbs from the dome light assembly. Pull them straight out.

Insert a new wedge style LED into each of the two outer sockets. Do not install an LED into the center socket in the assembly. Leave it open in this application.

Test the lights.

Replace the trim bezel. Align it with the dome light assembly, and snap it in place.



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Front Footwell, and Trunk LED Installation



Front Footwell Lights (2)

Pry down on the footwell lamp assemblies using the same approach used earlier to remove the vanity mirror lights.

Drop down the light assembly; remove the old filament wedge bulbs.

Insert a new wedge LED into the light fixture (see inset photo). Reinstall the light and repeat the process at the footwell light on the opposite side of the car.



Trunk

Pry down on the trunk lamp assemblies using the same approach used to remove the footwell lights.

Insert a new 42 mm festoon LED into the light fixture (see inset photo). If it does not light, its polarity is reversed. Remove it from the bulb holder and flip it end-for-end.

Reinstall the light assembly.



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This concludes the installation of the Ziza Interior Light Kit.



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