



Ziza® Interior Lighting Package Installation Procedures



Part Number **ES2210280**
for VW MKVI
Golf

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LED Installation Instructions

Interior Lighting Kit for Golf MKVI
ES2210280



Ziza
performance automotive lighting

Tools

Trim removal tool –ES#517779 (Kit)

Kit Contents

- 5-chip wedge base white LED (qty 8)
- 36mm white LED festoon (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

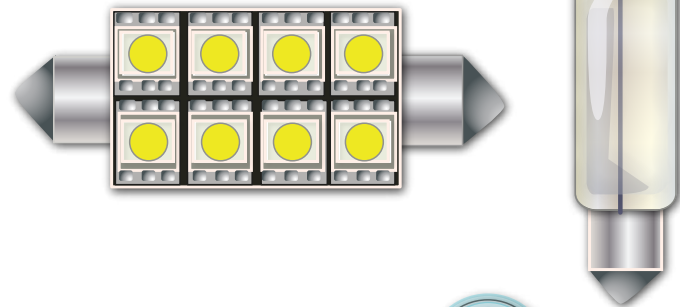
This kit includes two bulb types, classified by their general shape.

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.

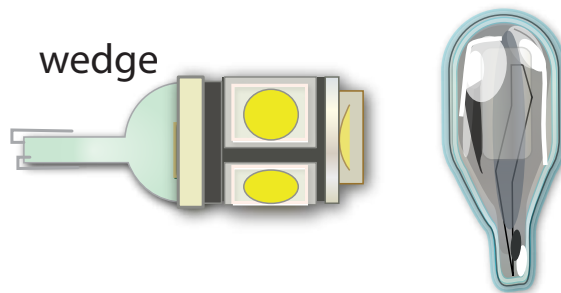
festoon



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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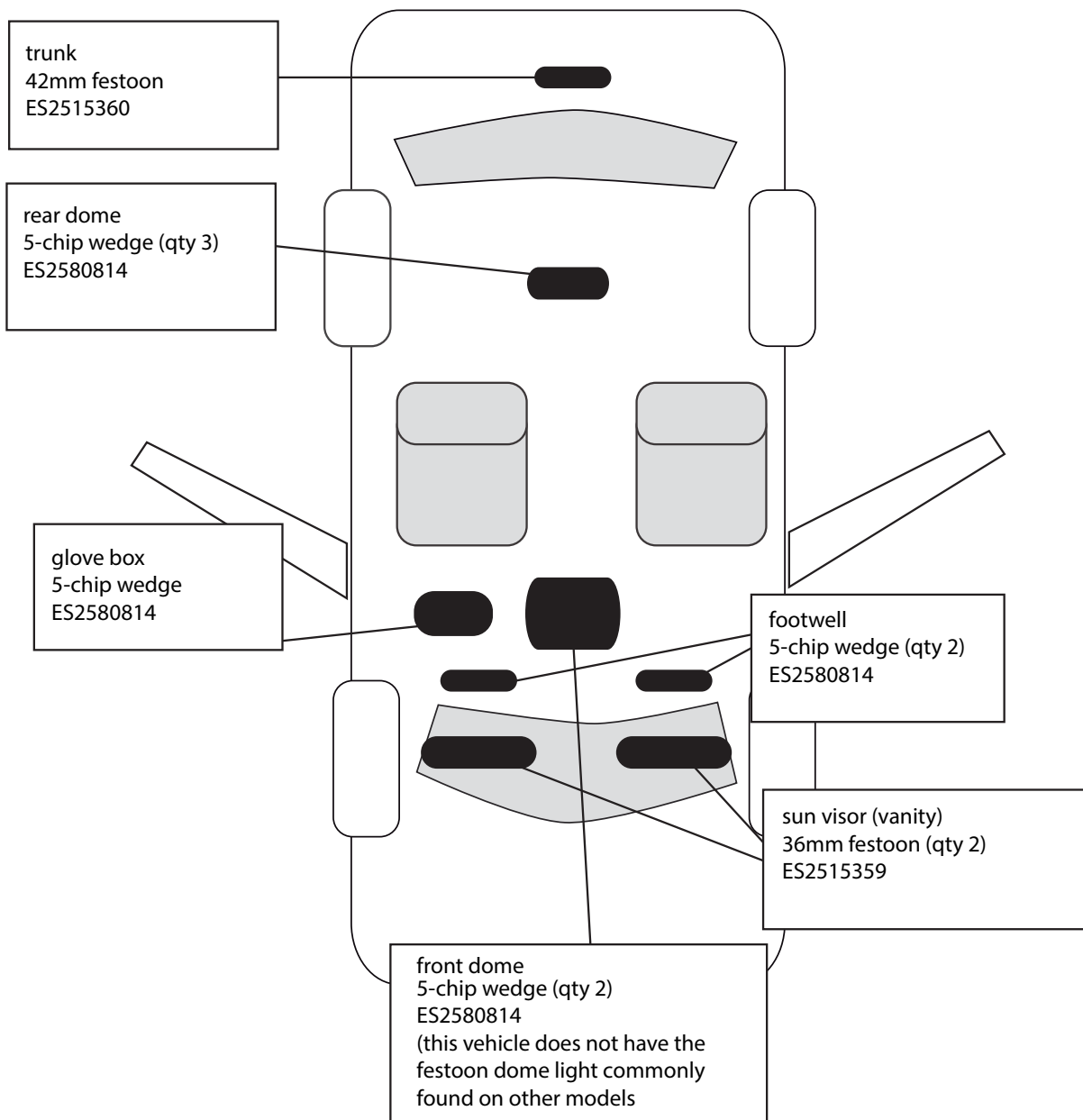
Fits VW Golf MKVI

Ziza Interior Lighting Kit Locations 2-Door

Make ___ VW _____

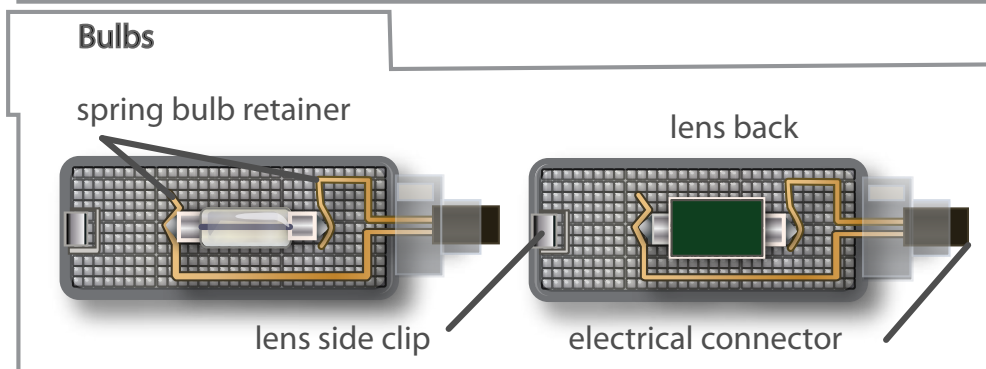
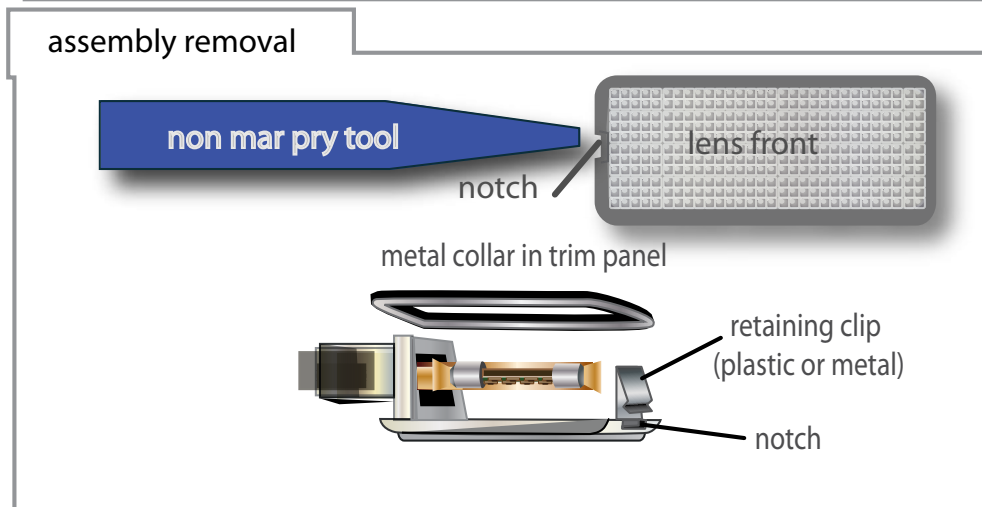
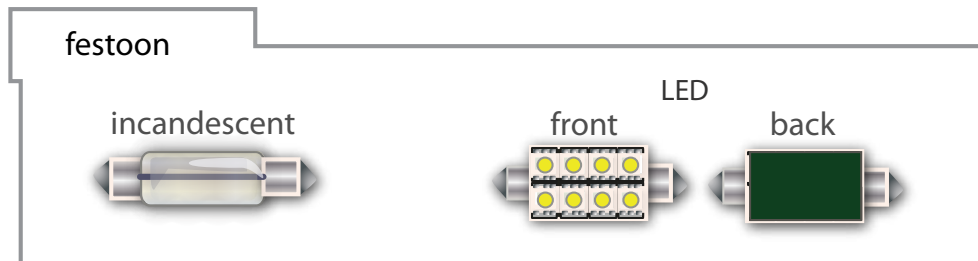
Model ___ Golf MKVI _____

Kit Part Number ___ ES2210280 _____



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.



Dome and Vanity Light LED Installation



Front Dome - Step 1

Use a non-marring tool to pry down on the front edge of the dome light lens. Then move the tool around the lens to release the plastic clips. Remove the lens from the dome light console.



Front Dome - Step 2

Pull the old incandescent bulbs straight out of the light bulb sockets. Insert one 5-chip wedge LED into each of the two dome light bulb sockets.

The 5-chip wedge LEDs are polarity sensitive; if they do not work when you test them, remove them, rotate them 180 degrees, and reinsert. Then test again.

When both lights are working, carefully snap the dome lens back in place.



Vanity Mirror - Step 1

Using a non-mar pry tool, push in to release the snap clip on the light assembly (the side with the small notch, arrow). With the clip compressed, pry down on the side of the vanity light to remove it.

Caution: Insert the tip of the tool *between* the plastic lens and the metal reinforcement collar in the headliner. Do not pry on the metal collar.

(See next step for image of metal collar.)



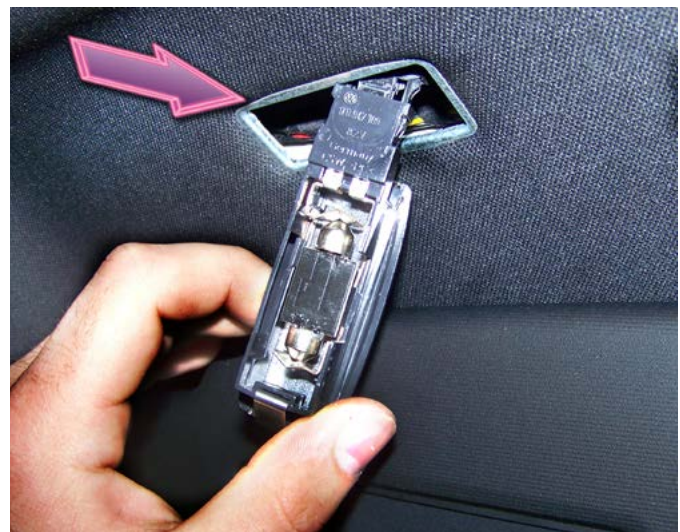
Vanity Mirror - Step 2

This photo shows the metal reinforcement collar in the headliner (arrow) after the light drops down.

Remove the original glass festoon filament bulb. Insert a new festoon LED in its place. The LED light chips should face **toward** the lens.

If the LED does not work when tested, flip it end-for-end, and retest.

Repeat these steps at the other vanity light.



Rear Dome - Step 1

Use a similar approach on the rear dome light.

Using the same non-marring trim removal tool, pry down on the light assembly cover to release and remove it.

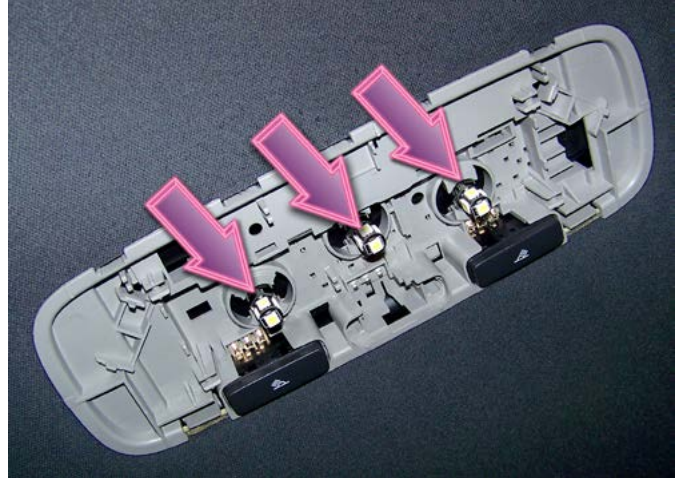


Rear Dome - Step 2

The rear dome light assembly accepts three 5-chip wedge bulbs.

These are polarity sensitive: If one or more of the lights fails to operate, remove it, rotate it 180 degrees, and reinstall it.

Snap the light cover back in place when all lights are working.



Front Footwell, Glove Box, and Trunk LED Installation

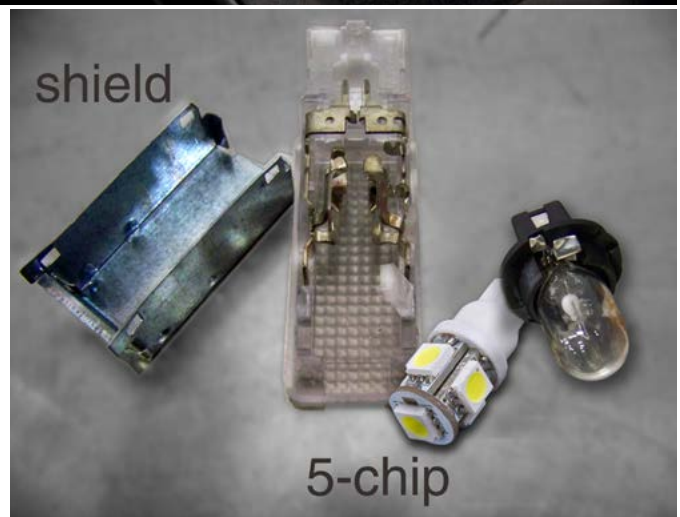


Front Footwells - Step 1

Due to the high heat given off by the original stock filament bulbs, the footwell lights have metal heat shields that must be removed to install the new LEDs.

Remove the right footwell light as you did the vanity mirror lights.

With the assembly removed, pry the metal cover from the back of the light. Install the wedge base LED and test. Replace the heat shield and reinstall the light in the right footwell.



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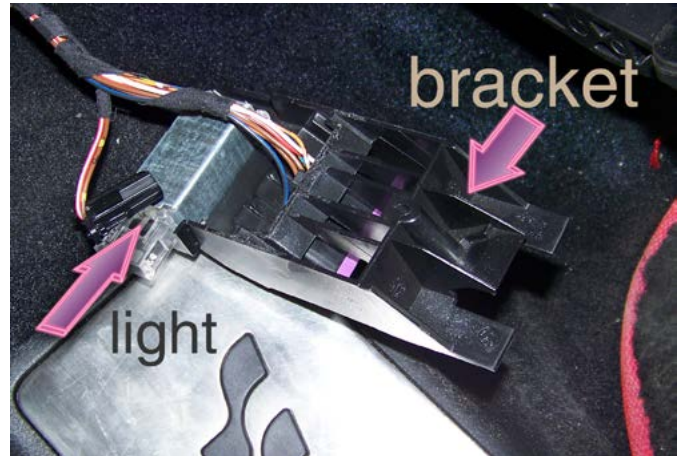
Fits VW Golf MKVI

Front Footwells - Step 2

The left side footwell light is mounted in the same support bracket that holds the vehicle self-test data connector (data link connector).

The bracket is mounted to the underside of the dash, above the dead pedal area. You may find it easier to simply unscrew the whole bracket, lower it, and replace the bulb, as we have done here. You'll need a T10 Torx driver to remove the screw.

Either way, be careful not to damage the bracket or any of the data link connector wires.



Trunk

The trunk has a single light assembly that takes a 42mm festoon bulb. Use the same general procedures we used to replace the festoon vanity lights back in steps 1 and 2 to replace the trunk light.



Glove Box

The glove box takes a wedge style LED. Pry the light assembly from the glove box, and install the new LED in your kit.

These are polarity sensitive. If the bulb does not work, remove and rotate it 180 degrees.



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This concludes the installation of the Ziza Interior Light Kit.



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