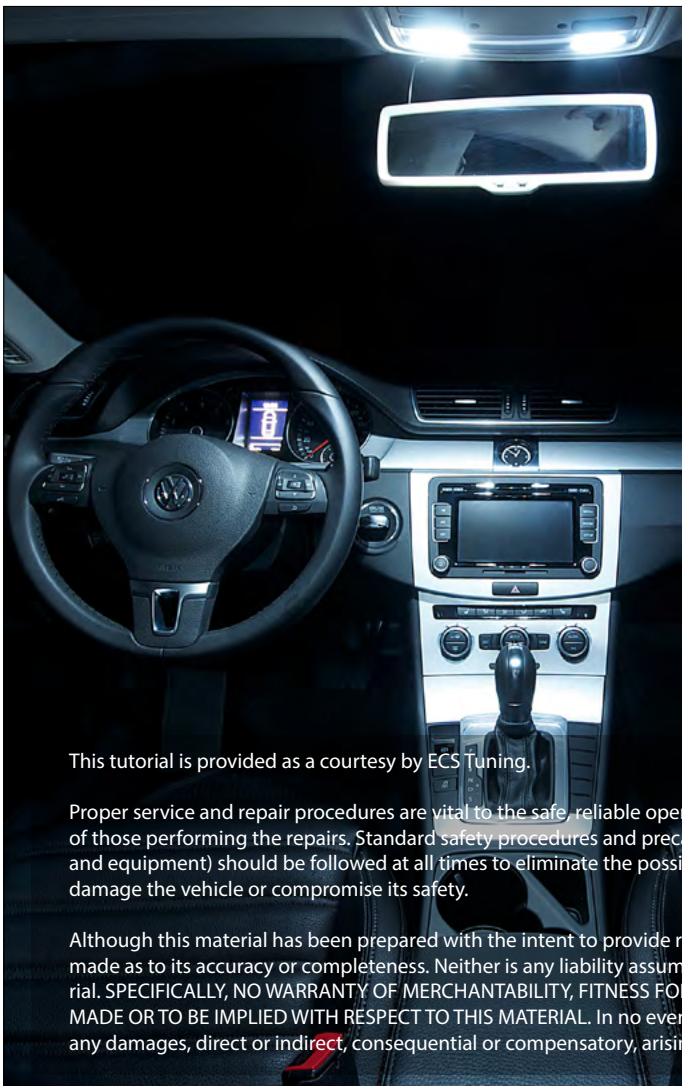




Ziza® Interior Lighting Package Installation Procedures



Part Number **ES2642403**
for VW CC
(2012+)

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.

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LED Installation Instructions

Interior Lighting Kit for VW CC (2012+)
ES2642403



Ziza[®]
performance automotive lighting

Tools

Trim removal tool – ES517779 (Kit)
T20 Torx[®] Driver

Kit Contents

36mm white LED festoon (qty 2)
42mm white LED festoon (qty 1)
8-chip wedge base white LED (qty 6)
9-chip wedge base white LED (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](#).**

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

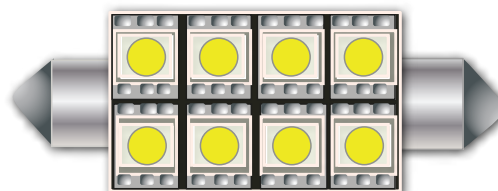
This kit includes two bulb types, classified by their general shape.

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.

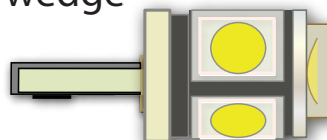
festoon



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 commonly polarity sensitive.

wedge



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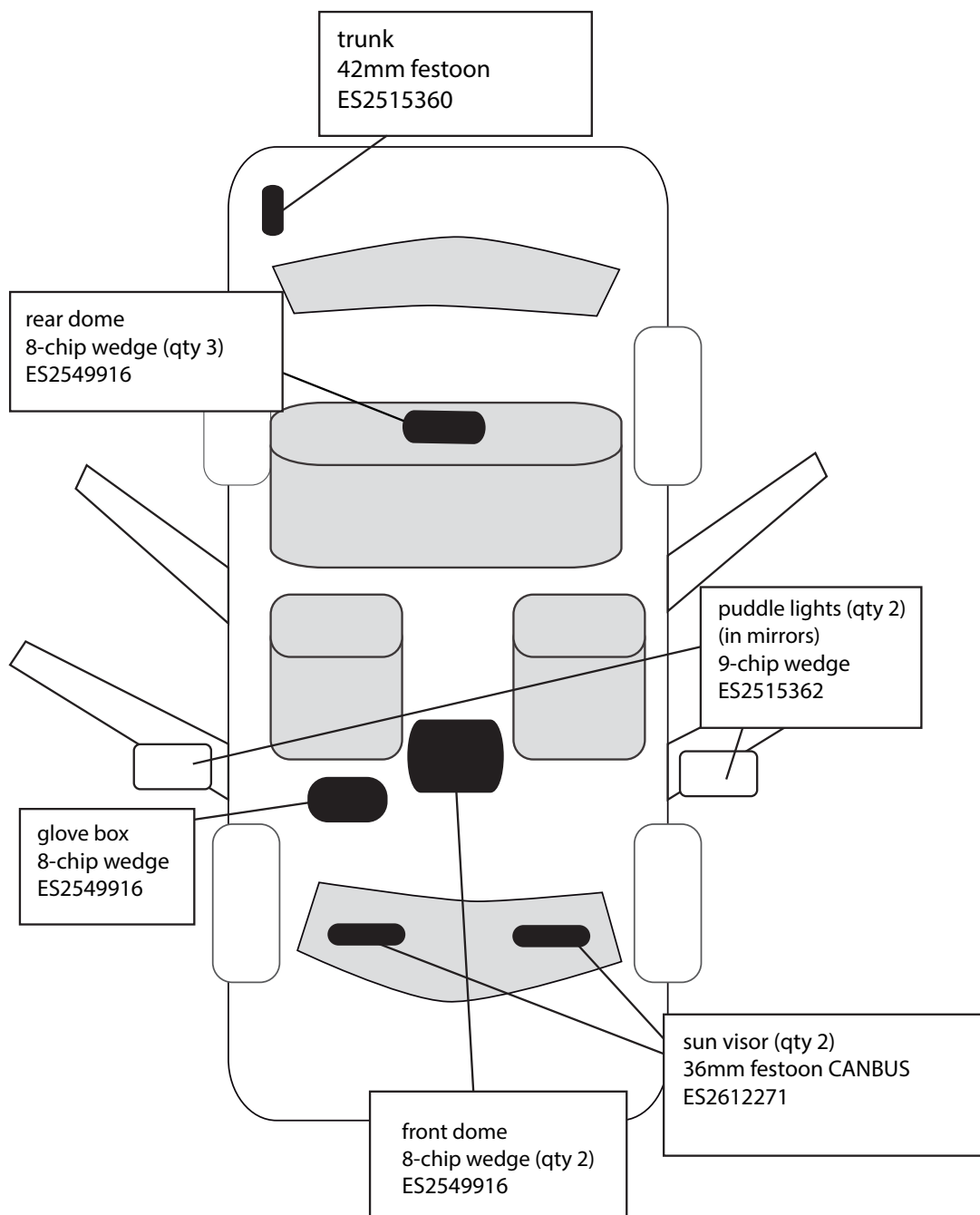
Fits VW CC (2012+)

Ziza Interior Lighting Kit Locations

Make VW

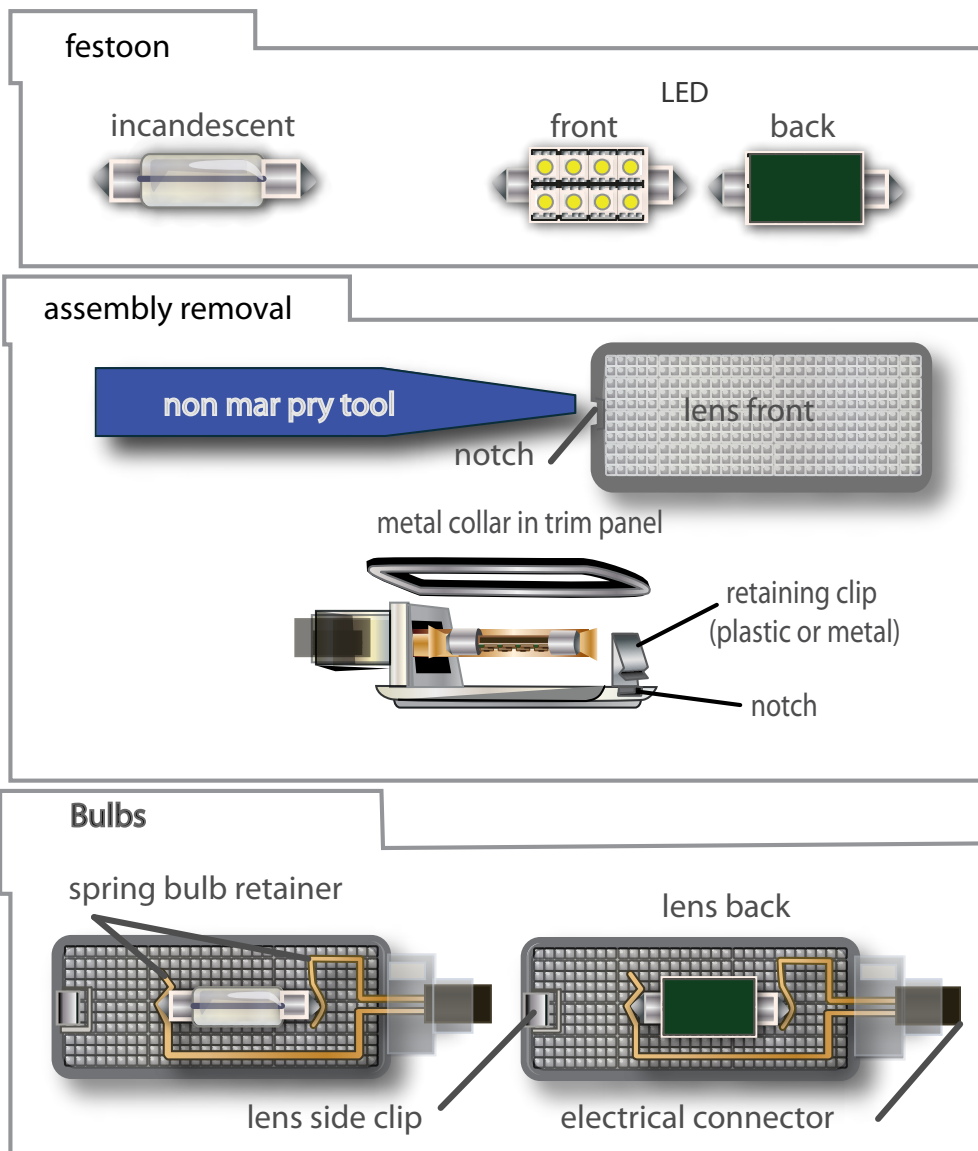
Model CC

Kit Part Number ES2642403



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.



Front Dome Vanity Glove Box and Trunk LED Installation



Front Dome - Step 1

The front dome light console is secured in the headliner by plastic tabs and two Torx® head screws.

To access the screws, use a non-marring trim removal tool to pry down the rear console cover.

Let the cover tilt down and hang.



Front Dome - Step 2

Use a T20 Torx driver to remove the two attachment screws beneath the cover (arrows).

Pry down at the rear to pop the assembly loose, then lower it.



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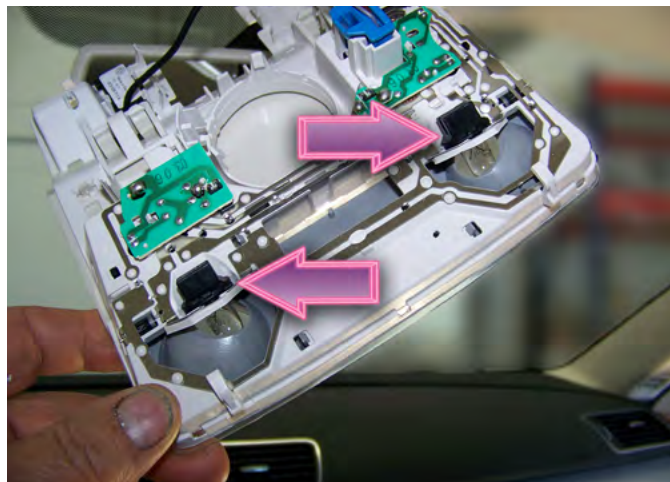


Fits VW CC (2012+)

Front Dome - Step 3

The front dome light has two wedge style bulb holder sockets (arrows).

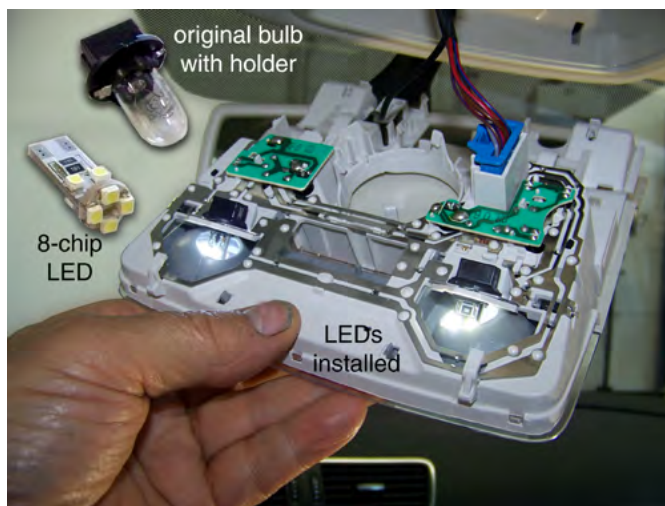
Twist each black bulb holder counterclockwise one quarter turn, then remove it from its socket.



Front Dome - Step 4

Pull each original bulb straight out of its holder and insert a new 8-chip wedge base LED array in its place.

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



Front Dome - Step 5

Insert the front edge of the console into the headliner opening, aligning the front tabs with the slots in the main housing. Lift up on the rear of the light assembly and snap it in place in the headliner; replace the two Torx screws.

Pivot the trim cover upward and snap it in place to complete the front dome light LED installation.



Vanity Mirror Lights - Step 1

Using a non-marring trim removal tool, pry down on the vanity light assembly as shown to release it from the headliner.



Vanity Mirror Lights - Step 2

Replace the original filament festoon bulb with a 36mm festoon array. The large heat sink should face the rear of the bulb holder with the LED chips facing toward the lens.

Snap the assembly back into the headliner and repeat the process at the other vanity light.



Glove Box - Step 1

Using a trim removal tool, pry down at the rear edge of glove box light assembly and pivot it out of the glove box liner.

Pry the metal heat shield from the back of the light assembly using a small pick or screwdriver.



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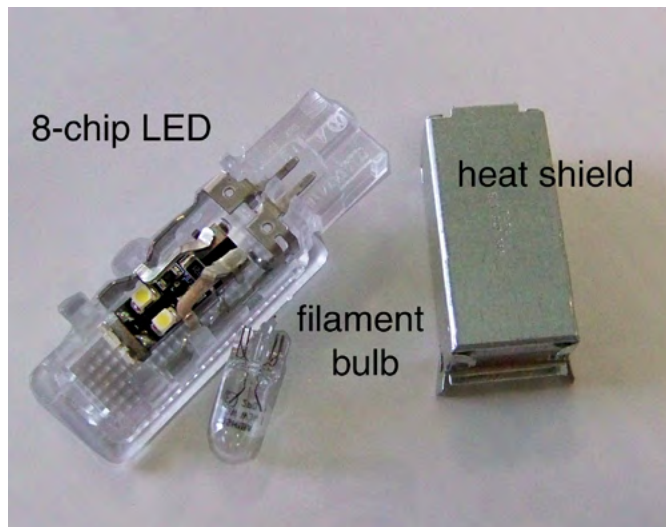
Fits VW CC (2012+)

Glove Box - Step 2

Replace the original filament bulb with a new 8-chip LED wedge base LED array.

If the LED does not illuminate when originally tested, flip it over and reinstall it in the bulb holder to get it working.

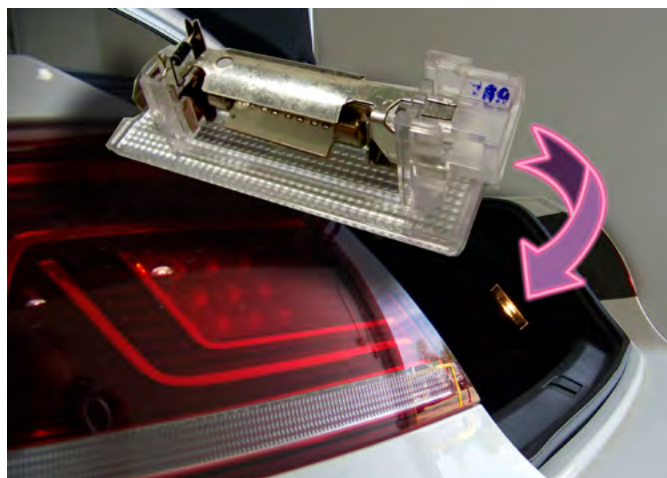
Replace the heat shield and reinstall the light assembly in the glove box.



Trunk Step 1

Use the trim removal tool to pry the light assembly from the trunk.

The assembly has a metal heat shield over the bulb that stays in place as the bulbs are swapped.



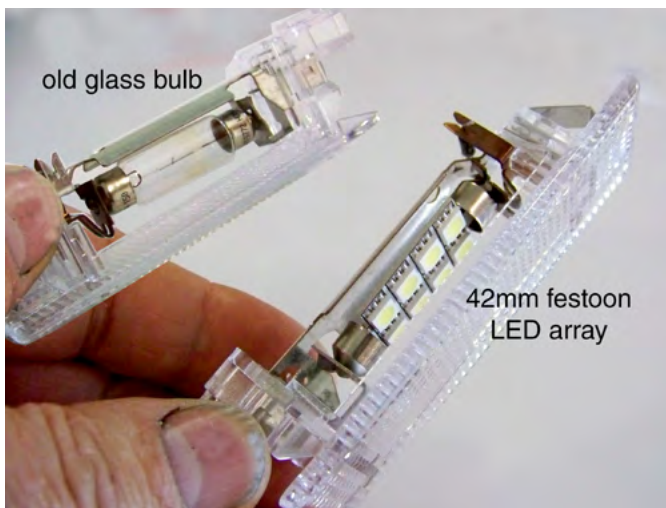
Trunk Step 2

Pry the old glass bulb from the holder.

Install a new 42mm LED array in the bulb holder between the lens and heat shield.

The LED chips should face the lens.

If the LED array does not light initially, its polarity is reversed. Flip it end-for-end, and test again.



Rear Dome LED Installation



Rear Dome - Step 1

Using a trim removal tool or your fingers, carefully pry or pull downward on the rear dome light assembly trim bezel, and remove it.



Rear Dome - Step 2

The rear dome light assembly has three wedge base sockets, identical to the bulbs used in the front dome light assembly.

Pull the old bulbs and install three new 8-chip wedge base LEDs in their places.

The LEDs are polarity sensitive. If any do not light when first installed, remove and rotate the LED, reinsert it into the wedge socket, and retest.

When all lights are working, snap the trim bezel back in place.



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Puddle Light (mirror-mounted) Installation



Mirror-Puddle Lights - Step 1

Each side view mirror contains a wedge base bulb holder that shines onto the ground outside the car to act as a puddle light. Access to the bulb requires disassembly of the outside mirror.

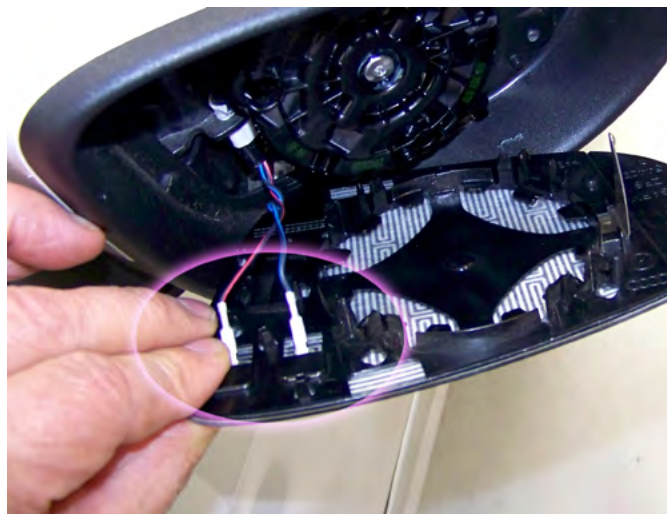
Start by removing the mirror glass. The mirror glass assembly snaps onto the motorized adjustment base. Tip the top forward and pry at the top edge to release the mirror.

A wide base pry tool helps here.



Mirror-Puddle Lights - Step 2

Unplug the two electrical wires for the mirror heater element and set the glass aside.



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Mirror-Puddle Lights - Step 3

Using a non-marring plastic trim removal tool, pry carefully at the intersection of the top cover and horizontal lens strip.

Pop the edge of the cover loose, as shown here.



Mirror-Puddle Lights - Step 4

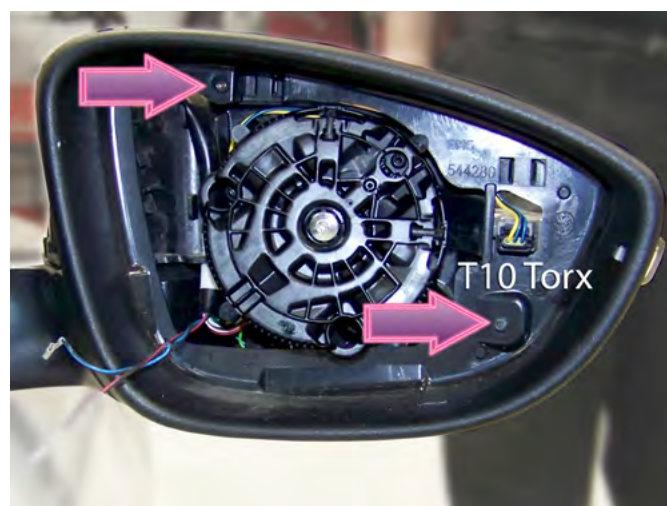
Pivot the lens slightly as you pull it toward the front of the car and upward at the same time.

Lay the cover aside.



Mirror-Puddle Lights - Step 5

Using a T10 Torx driver, remove the two small screws from the inside of the mirror trim surround (arrows).



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Mirror-Puddle Lights - Step 6

Working from the rear of the light assembly, gently squeeze the snap clips at the top of the trim surround.

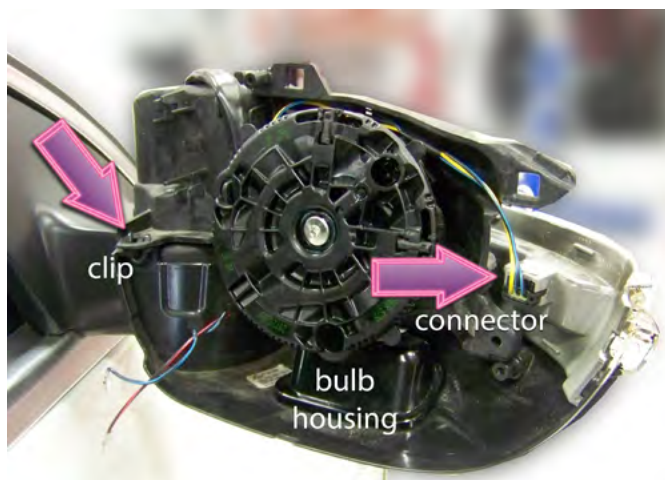
Remove the trim piece.



Mirror-Puddle Lights - Step 7

To access the puddle lamp bulb holder, remove the lower mirror housing.

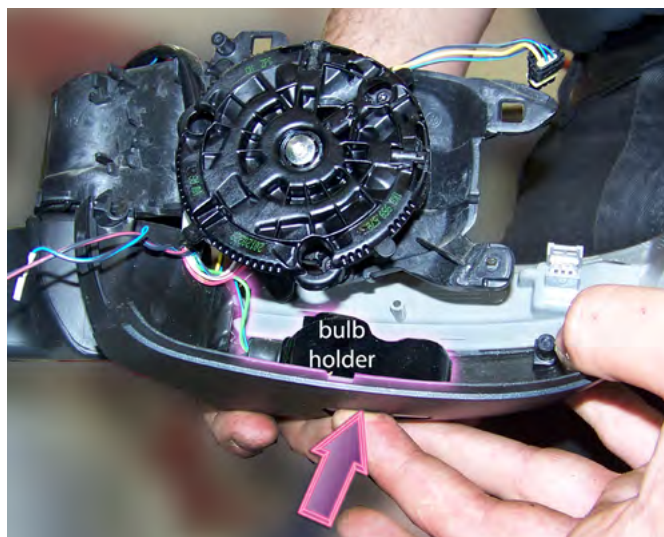
Unplug the electrical connector. Then squeeze the lock clip located near the mirror housing pivot arm.



Mirror-Puddle Lights - Step 8

Drop the lower housing down.

Press upward at the rear edge of the light assembly (arrow). Pop the edge of the light upward slightly and pull the bulb holder and its electrical wires out of the main lower mirror housing.



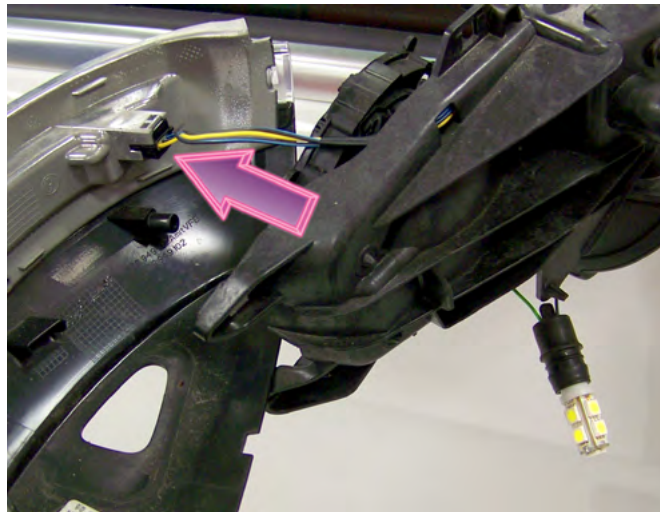
Fits VW CC (2012+)

Mirror-Puddle Lights - Step 9

- Pull the rubber bulb socket straight out of the bulb holder.
- Pull the wedge base filament bulb out of the wedge base socket and replace it with the LED.

The LEDs are polarity sensitive. Test them before reassembling the mirror. To do so, temporarily reconnect the electrical connector removed in Step 7 (arrow). Then activate the puddle lamps by locking and unlocking the door with the remote.

If the LED array does not work when tested, rotate it 180 degrees in its holder to get it working.



Mirror-Puddle Lights - Step 10

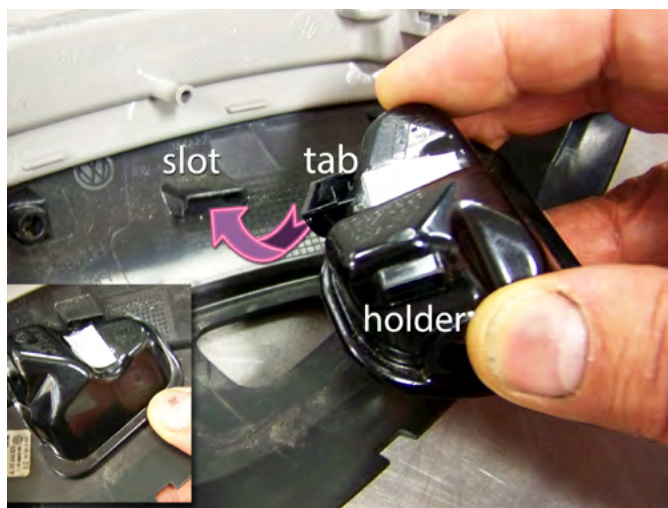
When the LED is working properly, push the rubber bulb holder back into the main bulb housing.



Mirror-Puddle Lights - Step 11

Reinstall the holder on the lower mirror body. Insert the alignment tab into the slot in the lower mirror.

Then press on the rear of the light holder to snap it in place in the mirror (inset).



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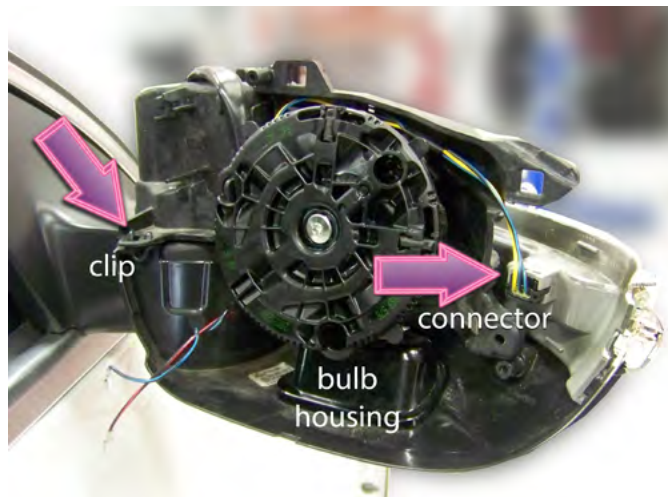


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Mirror-Puddle Lights - Step 12

Reinstall the lower mirror housing.

Plug in the electrical connector and snap the attachment clip in place into the main mirror support arm.



Mirror-Puddle Lights - Step 13

Reinstall the top mirror housing. Slide it into place making sure you have the alignment tab on the cover inserted into the mating slot on the lower cover.



Mirror-Puddle Lights - Step 14

Reinstall the trim surround onto the mirror assembly. Align the snap clips (see step 6 for photo) and the two screw holes as you snap it in place.

Replace the two screws removed earlier (Step 5).



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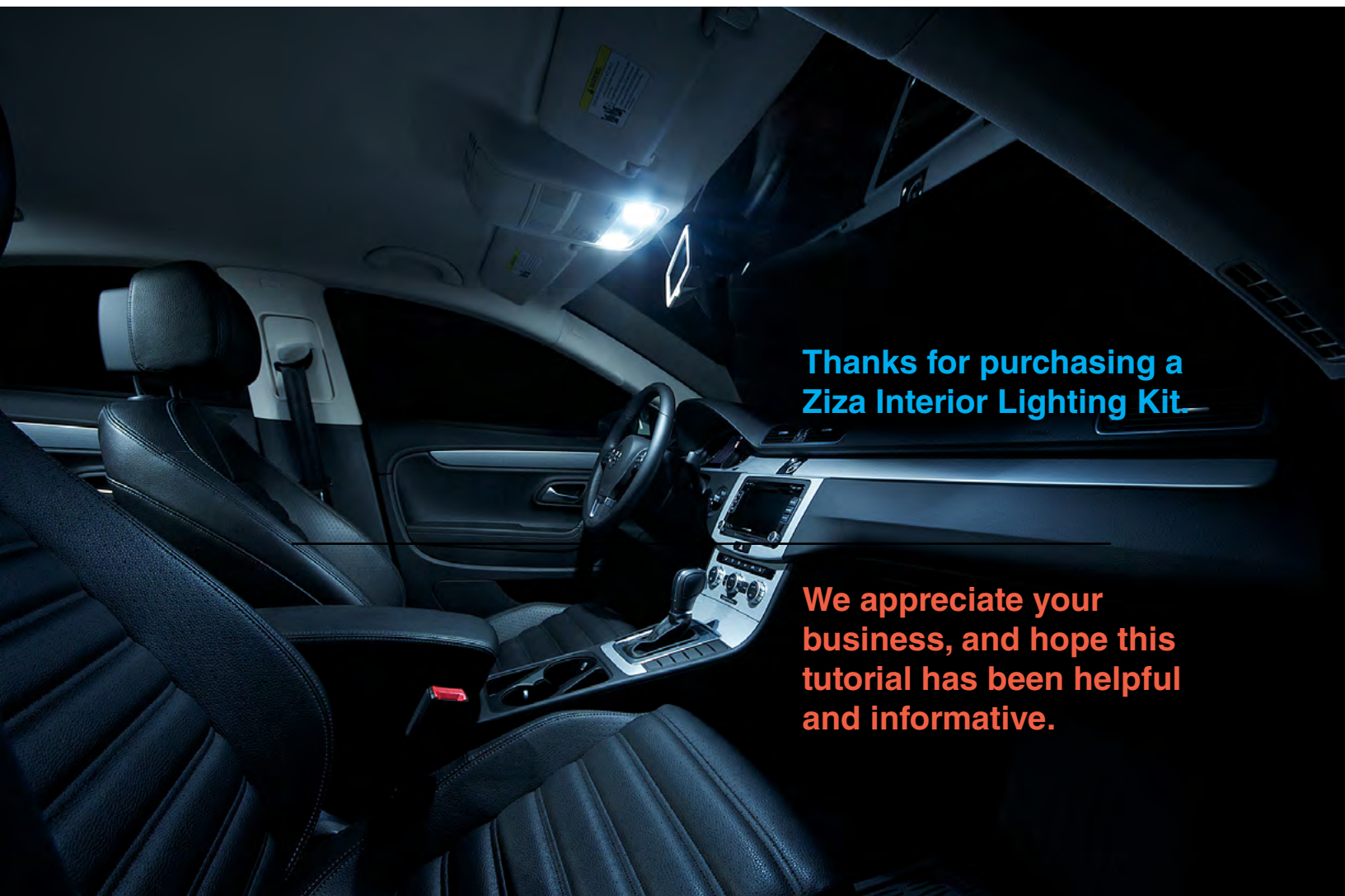
Fits VW CC (2012+)

Mirror-Puddle Lights - Step 15

Reconnect the heater wires to the mirror and snap the mirror glass onto the mirror adjustment head. Use both hands, and apply pressure evenly at the mirror face as you snap it in place.

Repeat these steps on the opposite side to complete the LED installation.

**This completes the installation of
your Ziza LED Interior Lighting Kit.**



**Thanks for purchasing a
Ziza Interior Lighting Kit.**

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