



Ziz2

MERCEDES-BENZ S203 INTERIOR LIGHTING KIT INSTALLATION GUIDE

ECS
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ES2731764



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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.

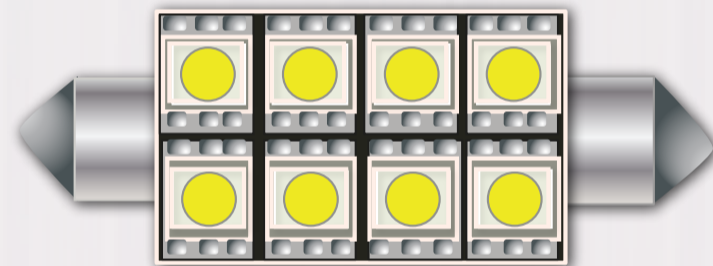
Metal caps attached to both ends of a glass tube are sealed to the tube and attached to the bulb filament. End caps mount the bulb in its holder and also conduct electrical current.

LED festoon lights have the same pointed end caps, but are attached to a bank of LEDs instead of a filament tube.

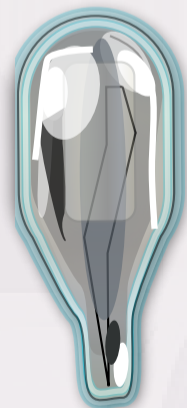
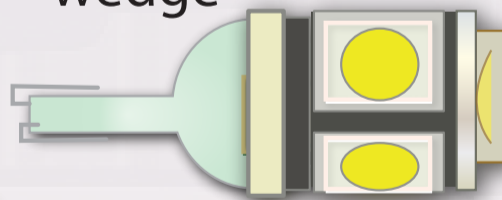
WEDGE - Wedge style bulbs get their name from the shape of the bulb base. The tapered end of the bulb “wedges” into the bulb socket.

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

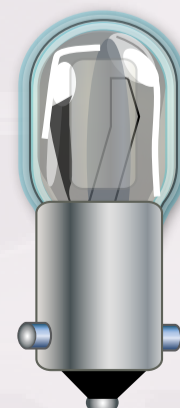
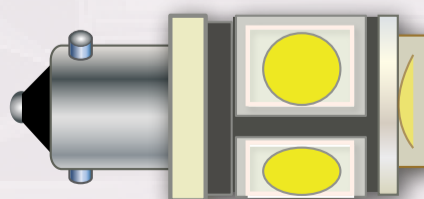
festoon



wedge

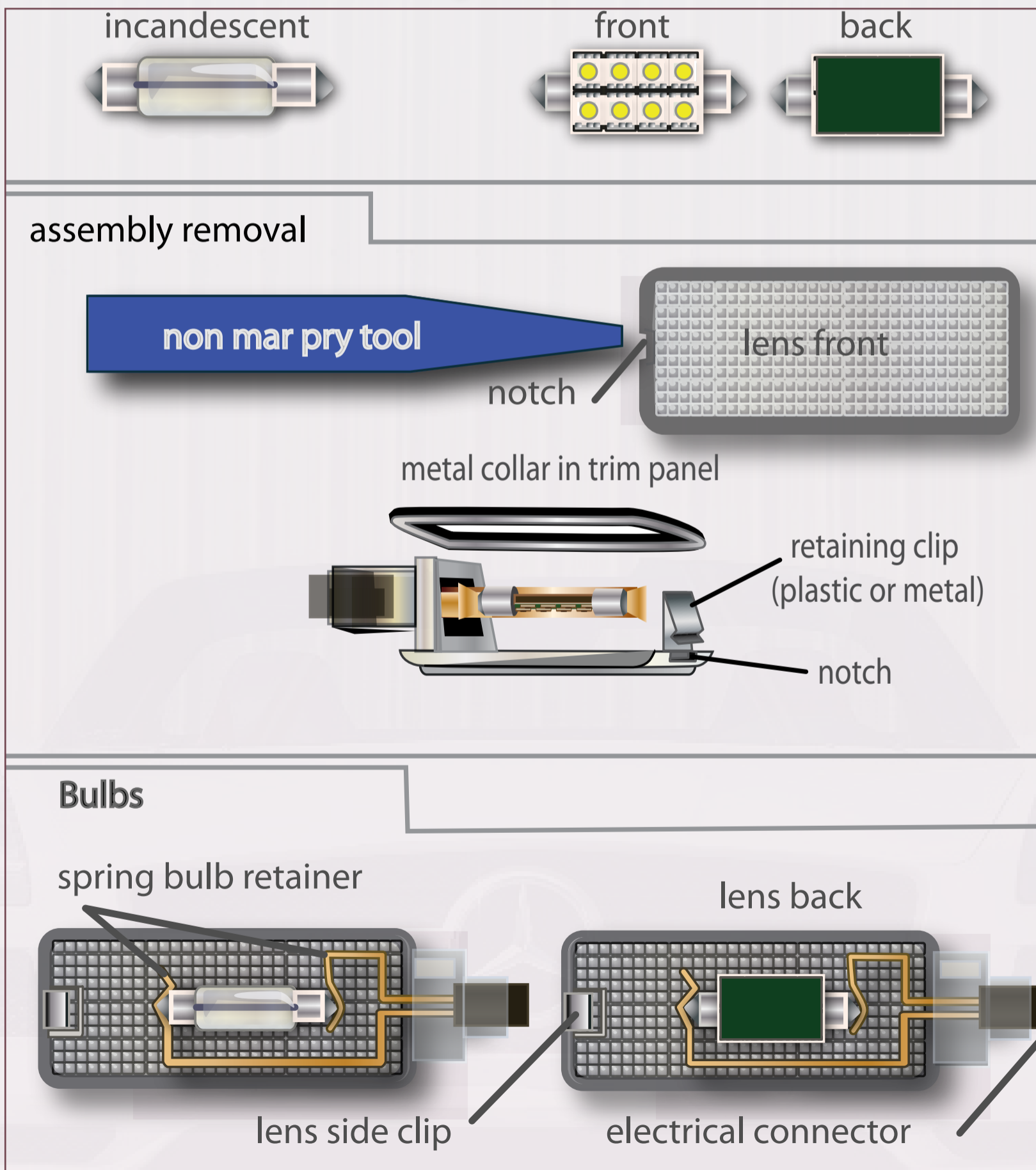


bayonet



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.



Bulb Locations

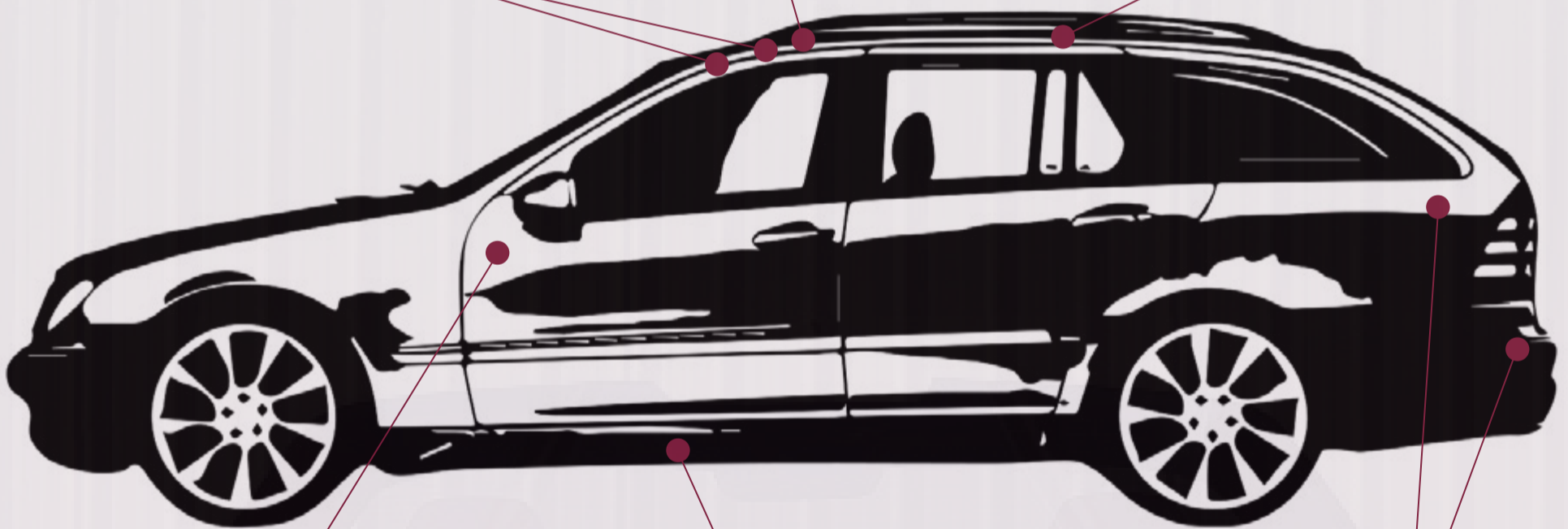
Sun Visor
36mm 6-chip Festoon



Front Dome
Left and Right -
T10 8-chip Wedge
Center -
42mm 3-chip Festoon



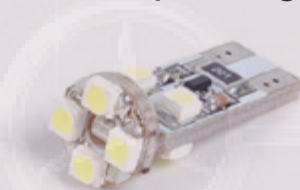
Rear Dome
42mm 3-chip Festoon



Glove Box
36mm 6-chip Festoon



Puddle Light
T10 8-chip Wedge



Trunk
T10 8-chip Wedge



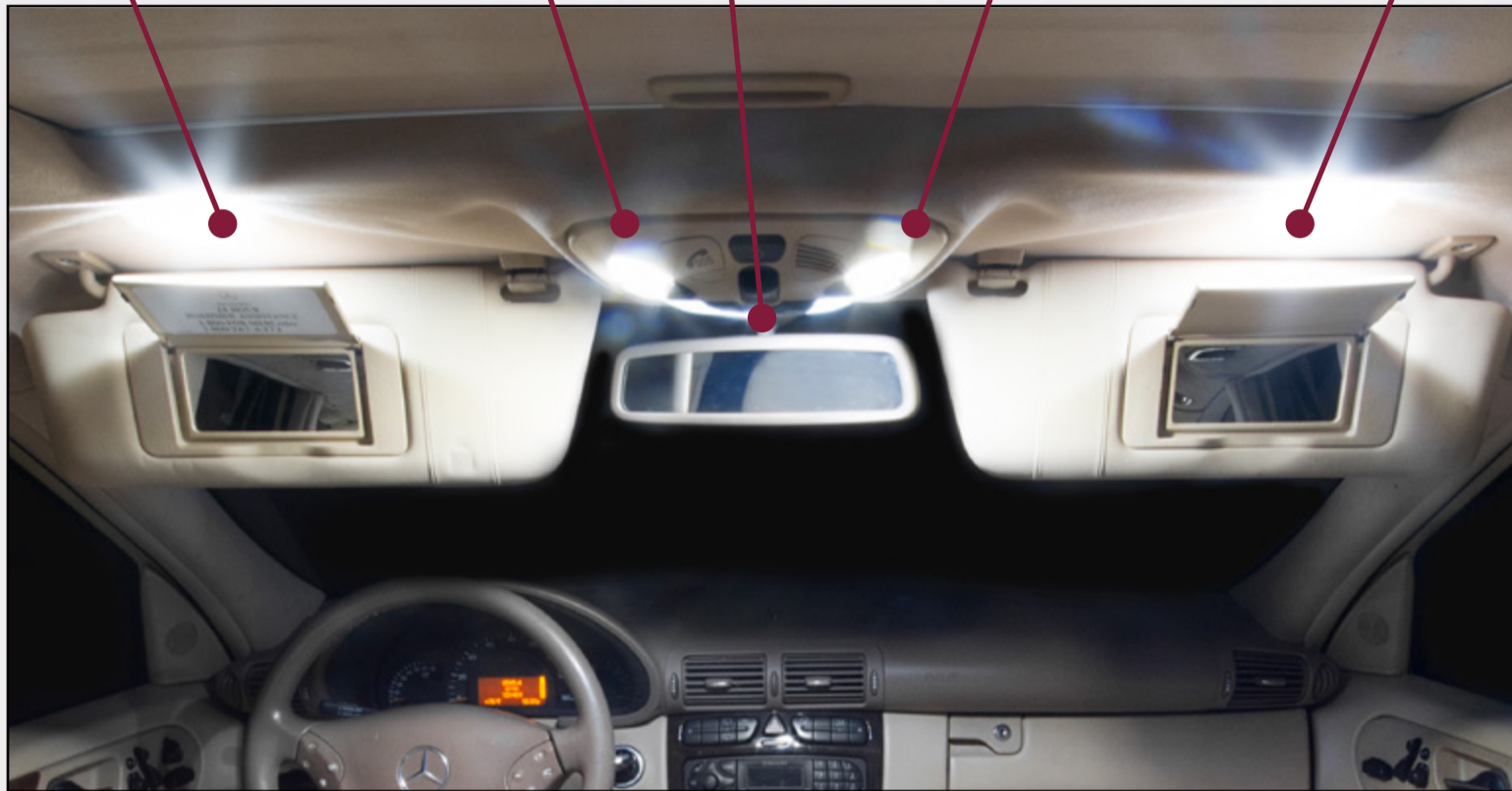
Sun Visor
ES2515359
36mm 6-chip
Festoon

Front Dome
ES2549916
T10 8-chip
Wedge

Front Dome
ES2594148
42mm 3-chip
Festoon

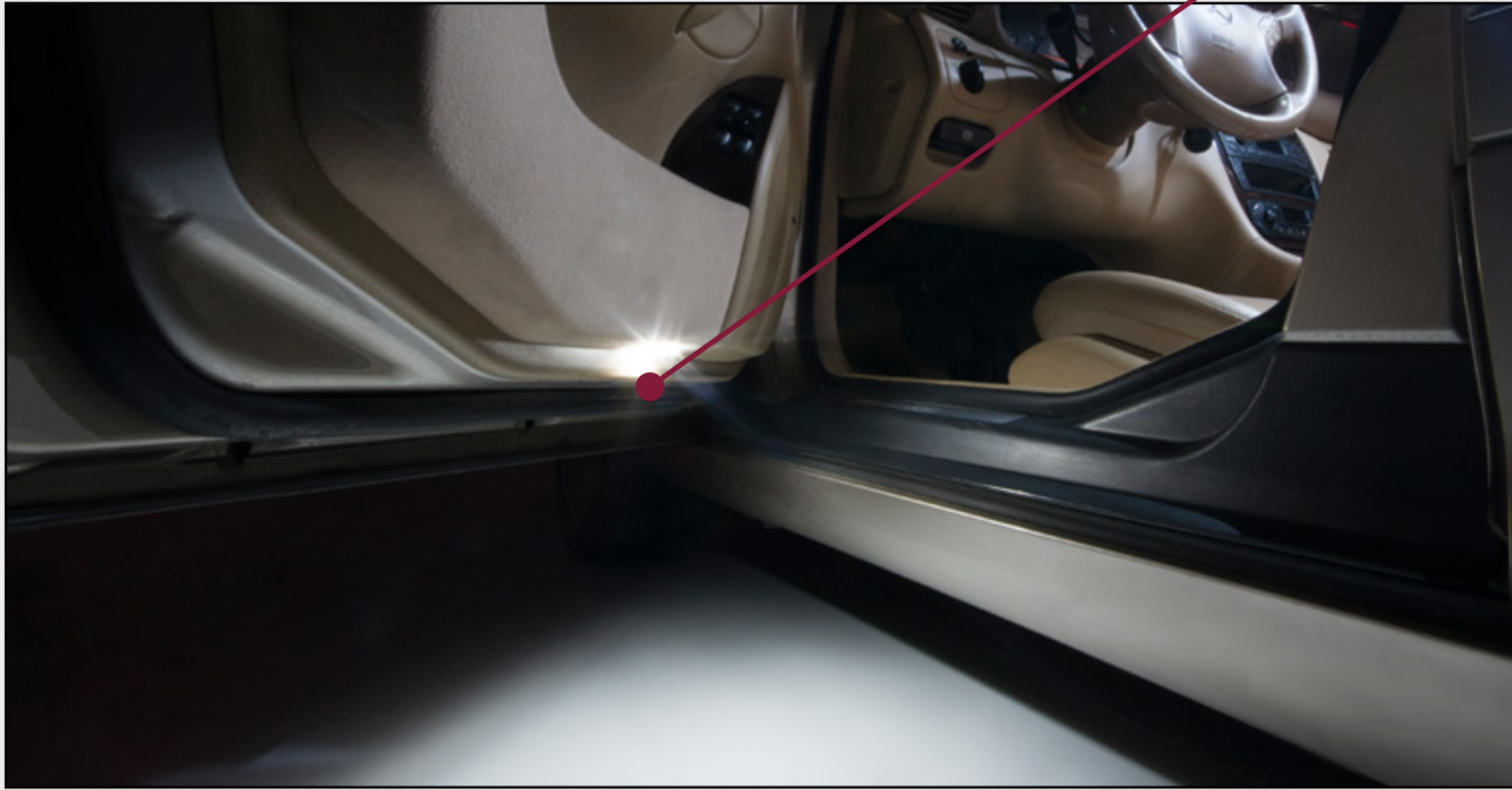
Front Dome
ES2549916
T10 8-chip
Wedge

Sun Visor
ES2515359
36mm 6-chip
Festoon



Rear Dome
ES2594148
42mm 3-chip
Festoon

Left-front Puddle Light
ES2549916
T10 8-chip
Wedge



Right-front Puddle Light
ES2549916
T10 8-chip
Wedge

Glove Box
ES2515359
36mm 6-chip
Festoon



Trunk
ES2549916
T10 8-chip
Wedge

Trunk
ES2549916
T10 8-chip
Wedge

Once your full set of LED's are installed, turn the ignition to the second position and re-inspect each bulb location making sure there is no light flickering.

Your newly installed Ziza LEDs will emit a whiter light, run cooler, and last longer!

