



Ziz2

Mercedes-Benz W204 City Light LED Kit
Installation Tutorial



ECS
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ES2539274

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What are LEDs?

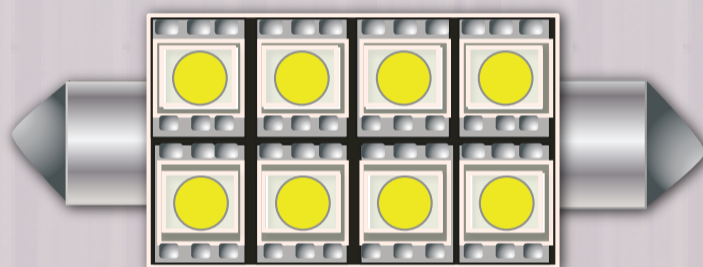
LEDs are Light Emitting Diodes, solid state devices that emit light when connected to electrical current. They have no moving parts or wire filaments to burn out. They emit a whiter light, run cooler, and last longer than the incandescent (filament style bulbs) we are replacing in this tutorial.

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.

FESTOON - Conventional incandescent festoon bulbs have a shape and general appearance that is similar to a glass fuse.

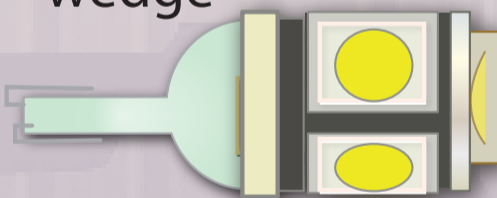
Metal caps attached to both ends of a glass tube are sealed to the tube and attached to the bulb filament. End caps mount the bulb in its holder and also conduct electrical current.

festoon



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

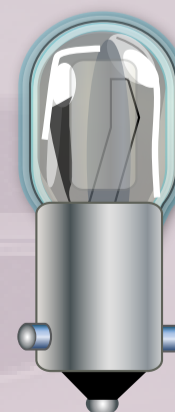
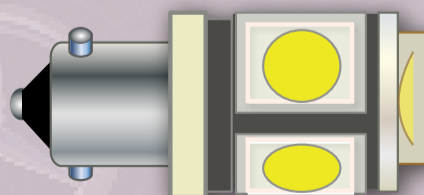
wedge

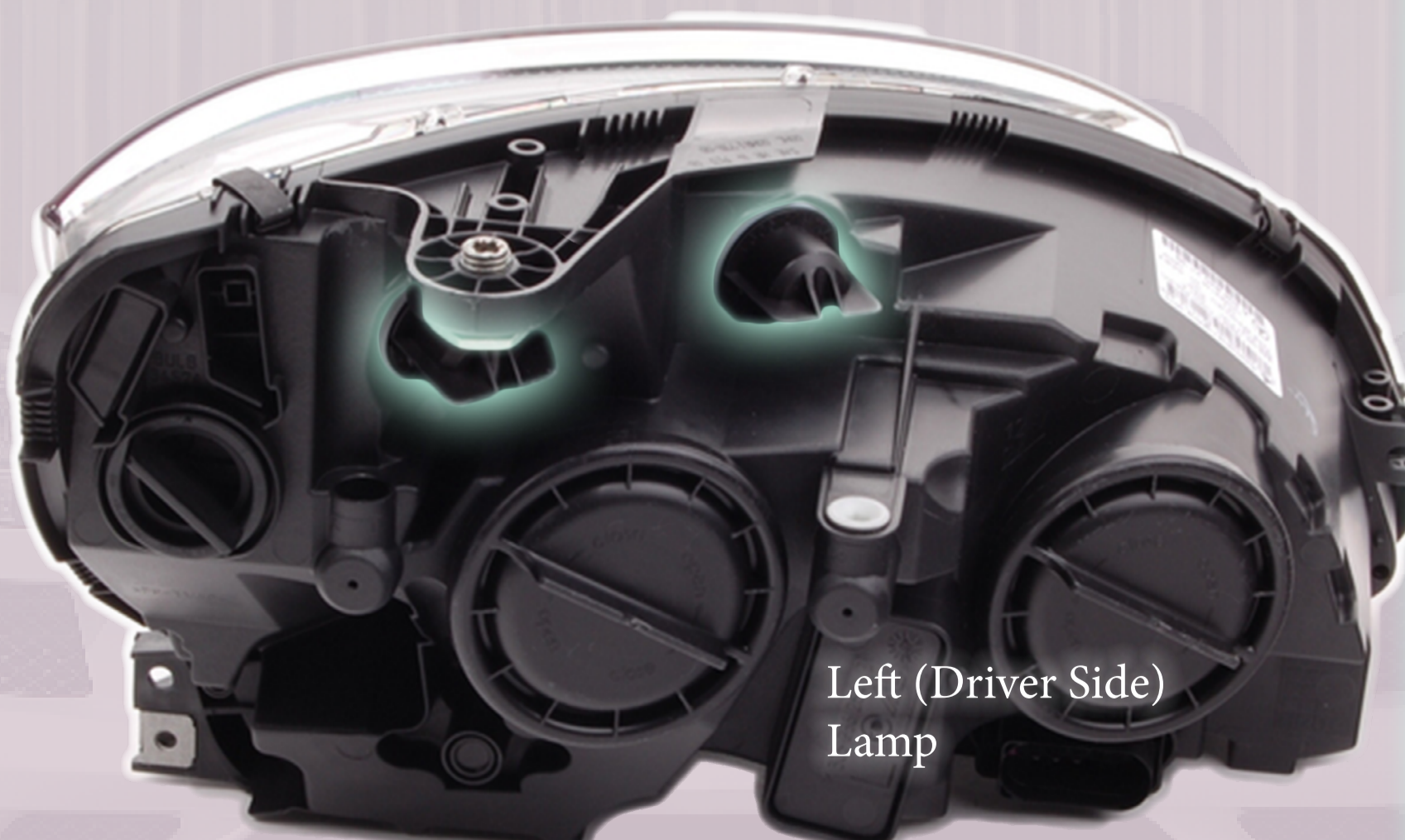
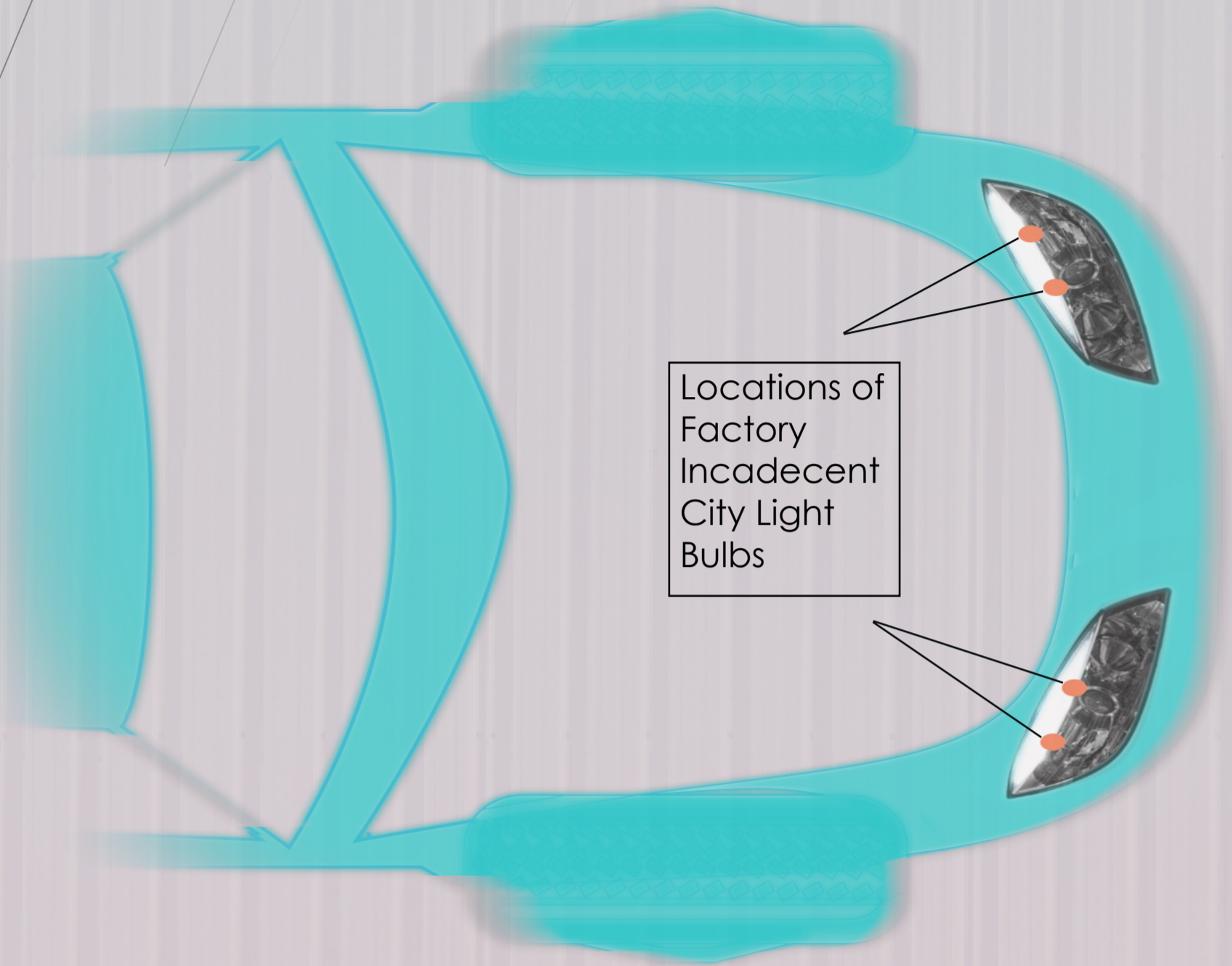


WEDGE - Wedge style bulbs get their name from the shape of the bulb base. The tapered end of the bulb “wedges” into the bulb socket.

bayonet

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





Locate the bulb housing behind the headlamp. Twist the housing knob counter-clockwise.



A yellow wiring harness can be seen within the headlamp housing. Pull outwards using moderate force to dislodge the city light. Once the city light connector is visible, the factory bulb can be removed and directly replaced with the LED.



Once both sets of LED's are installed, start the vehicle and turn on your daytime running lights. 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!

