

The image shows the interior of a BMW E83 X3 Zisa Master. The car is equipped with a custom interior LED light kit, which is illuminated, casting a bright white glow. The lighting is visible in the footwells, under the dashboard, and in the overhead console. The interior features a black leather steering wheel with the BMW logo, a dashboard with a radio and air vents, and a center console with a gear shifter. The seats are upholstered in a light-colored material, possibly leather or a high-quality fabric. The overall aesthetic is clean and modern, with a focus on performance and luxury.

# AC9 TUNING®

BMW E83 X3 Zisa Master Interior LED Light Kit Installation

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## INSTALLATION TOOLS

- Schwaben Master Trim/Moulding Tool Kit (ES#2500877)

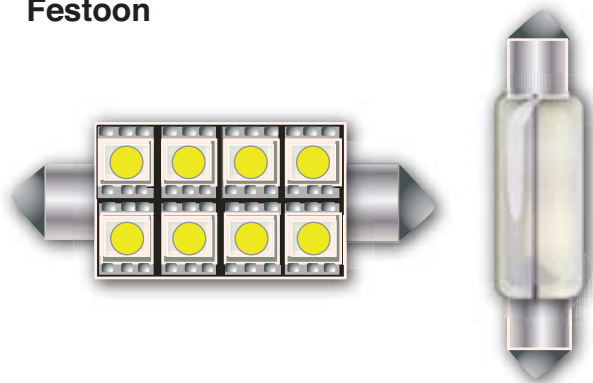


## INSTALLATION NOTES

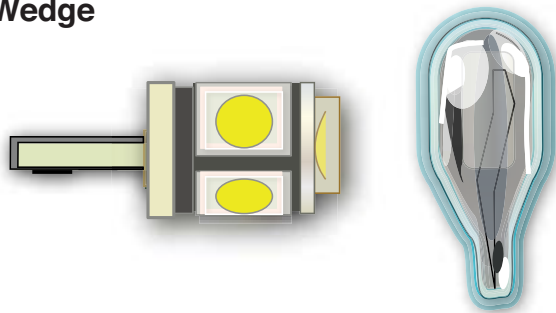
Before re-installing any bulb housing, make sure the bulbs illuminate. LEDs are polarity sensitive, so you may have to turn the bulb 180° in its' socket.

### BULB TYPES

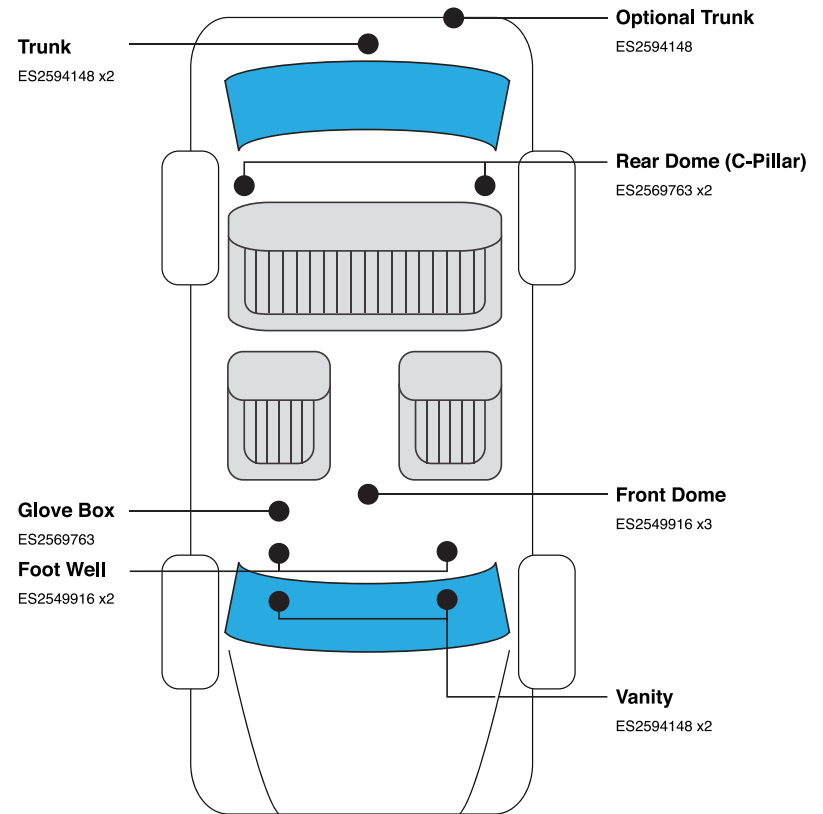
#### Festoon



#### Wedge



### Bulb Locations



## STEP01 DOME LIGHT

Insert the flat tip of the trim removal tool between the rear edge of the dome light fixture and the surrounding dome light console. There are two metal spring clips in the light assembly that must be compressed before you can pry the light down and remove it.

(See the next image for a better view of the clips.)



## STEP02 DOME LIGHT

With the assembly dropped down slightly, we can see the exact location of the spring clips at the rear of the light. When the springs are released, pivot the front of the light downward.

Lower the light from the headliner. You can now see the three bulb sockets that will need to be removed. Twist these one quarter turn

counterclockwise to remove. Once removed, the incandescent bulb will pull out of the socket. Replace these with your new 8 chip wedge LEDs. To reinstall, simply insert the socket into its' hole and turn one quarter turn clockwise.



## STEP03 DOME LIGHT

Reinstall the light assembly.

Insert the front of the assembly into the headliner opening.  
When the front tabs are engaged in the console, lift up on the rear of the light assembly until the spring clips snap in place.



## STEP04 VANITY LIGHT

Insert the flat tip of your trim removal tool under the front-most edge of the vanity light housing. Gently pry downward. Take caution during this step, as the wires powering this light are very short.





## STEP05 VANITY LIGHT

Remove the incandescent bulb and replace with a new 42mm LED festoon bulb

Repeat this process on the passenger side.



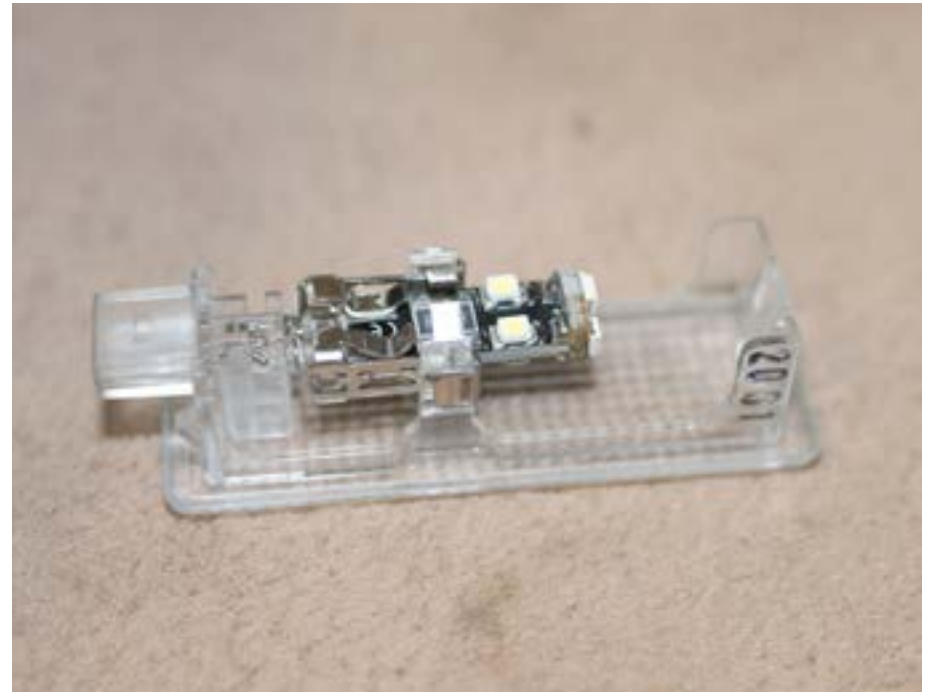
## STEP06 GLOVE BOX LIGHT

Open the glove box. Using the trim removal tool, reach up and pry at the notched end of the glove box light to remove the light assembly from the glove box liner. Remove the glass festoon bulb and replace it with a 39mm LED festoon LED array. The LED chips should face the lens. Reconnect and reinstall the light in the glove box liner to complete the glove box LED installation.



## STEP07 FRONT FOOTWELL LIGHTS

Using the flat edge of the trim removal tool, pry down at the notched end of the front footwell lights, located in the underdash panel above the passenger side footwells. Replace the original bulb with an 8 chip wedge LED. Snap the assembly back in place and repeat these steps at the opposite side footwell to complete the front footwell LED installatio



## STEP08 REAR LIGHTS

Insert the flat tip of your trim removal tool under the notched edge of the light housing. Gently pry downward. This will open the light housing. Remove the incandescent bulb, and replace with your new 39mm LED festoon. Make sure the LEDs are facing down towards the lens. Gently push the housing upward and back into place. Repeat these steps on the opposite side.



## STEP09 TRUNK LIGHT

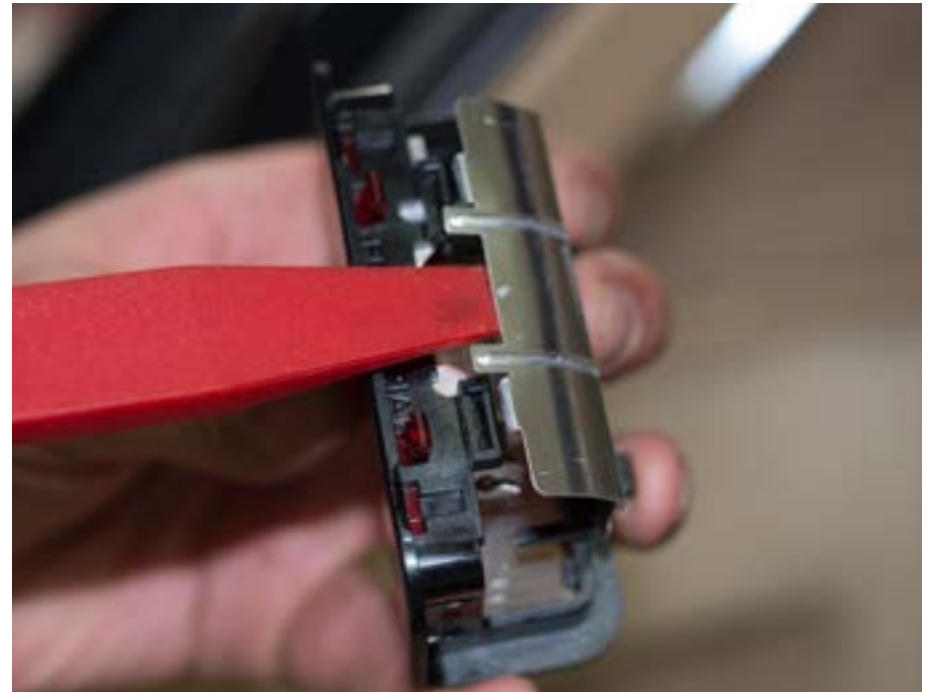
Insert the flat tip of your trim tool under the front of the light housing and gently pry outward. Disconnect and remove the bulb housing. Remove the old incandescent bulb and replace with your new 42 mm LED festoon bulb. Reconnect wiring and replace light housing by gently pressing it back into the panel. Repeat on opposite side.



## STEP 10 3<sup>RD</sup> TRUNK LIGHT

Insert the flat tip of your pry tool under the forward edge of the hatch light and gently pry downward. Disconnect the wiring from the light housing. Once you get this light out, you will notice a metal shield covering the back of the housing. Give this time to cool down, as it may be very hot. Once cooled, gently pry the metal shield from the housing to gain access to the

bulb. Remove the old incandescent bulb and replace with your new 42mm LED festoon bulb. Replace the metal housing and reconnect the wiring. Gently press the housing back into the panel.



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# ENJOY YOUR NEW LED INTERIOR LIGHTS

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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.

