



LED Lighting Installation Guidelines

Please take a moment to read and understand the installation process of your ProFocos lighting product. If any process is unclear please feel free to contact a sales representative prior to installation.

LED Installation Guidelines:

- Be sure to check your vehicle's manual prior to purchasing your bulb to insure proper fitment.
- Check the measurement of the bulb to insure it will fit your application. There are many bulb sizes and the measurements should be listed.

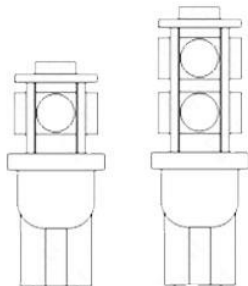
Selection

Find the type, size, and color of LED bulb that you are looking for. It is best to check the compatibility guide provided along with your vehicle manual to insure proper fitment.

Sizes

Fitment often refers to the bulb connector type; it does not refer to the physical dimensions of the bulb. All bulb dimensions are generally provided by ProFocos. Be sure to check the application area to insure it there is enough clearance to insure proper installation

Buying Size Guide



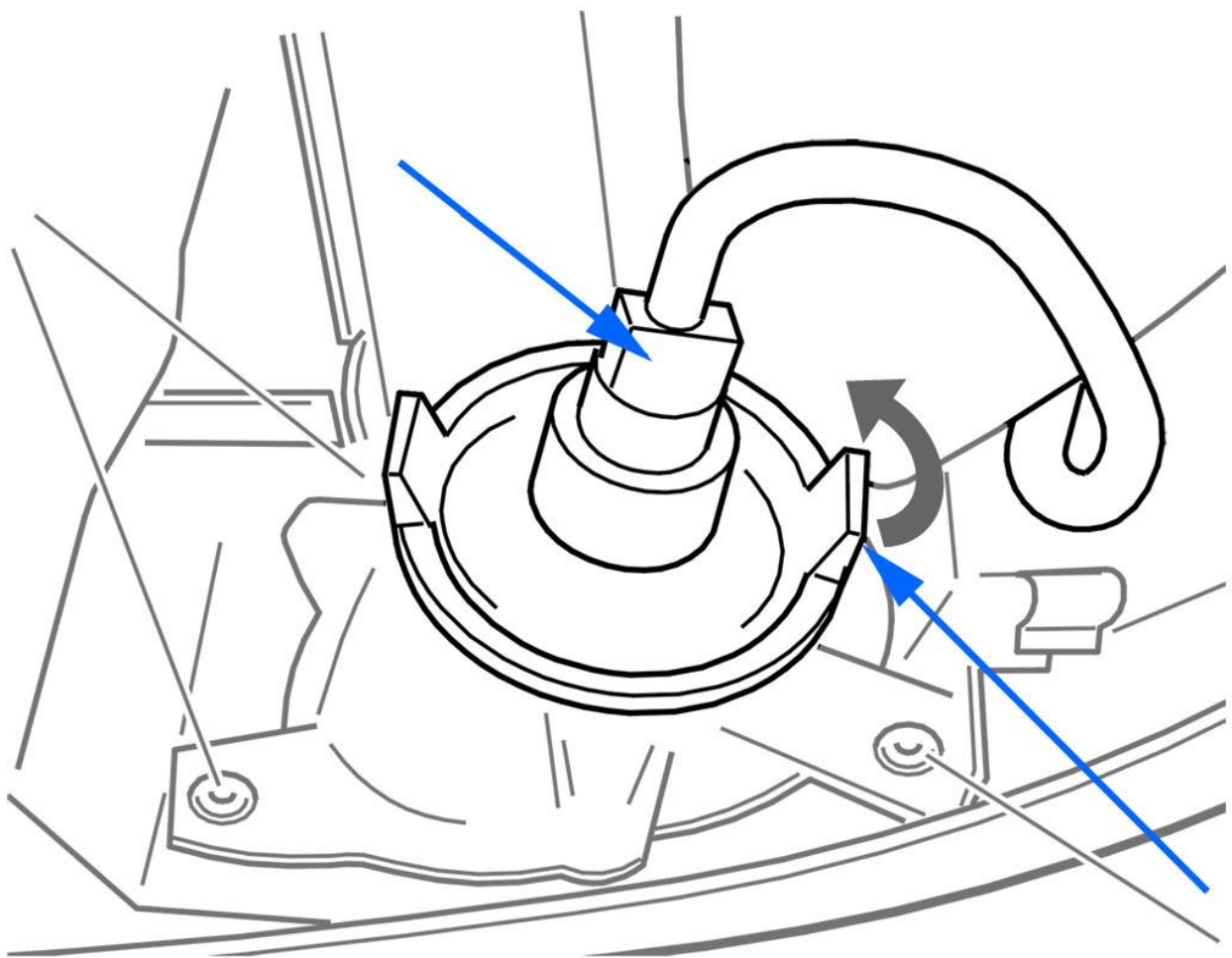
Size Comparison

1. LED bulbs come in different sizes and shapes, be sure to check your size to insure fitment.
2. Check the arrangement of LEDs to insure the light is distributed properly for your application.
3. Check the color for your application area. For example some turn signals require white bulbs and some require amber or orange bulbs.



Removing the OEM or Blown Bulbs:

In most cases you simply need to unplug the factory bulb harness from the light housing by using a turning motion and then simply unplug the factory bulb.



Some light harnesses have clips that may need to be released prior to removing the harness from the light housing. Once removed simply unplug the factory bulb from the harness.

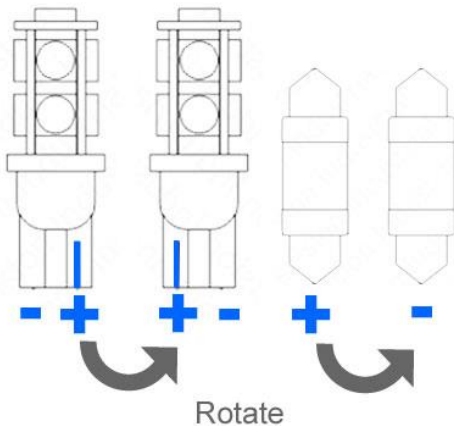
For dome, courtesy, and license plate lights you may need to remove a light cover. This is generally easily done with a flat-head screwdriver. Be sure to take caution when removing the light cover as not to damage the plastic. Once the cover is removed, simply unplug the bulb from the factory harness.



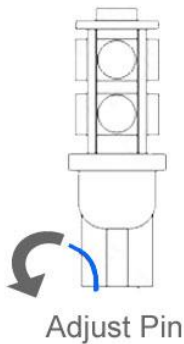
Installing your ProFocos Bulb:

Insert the bulb in the harness. If the bulb does not light up, you may need to rotate it 180 Degrees or adjust the pins to better make a connection with the harness.

TIPS & TRICKS



1. LED bulbs are polarity sensitive, meaning they have a positive and negative side like a battery.
2. If your bulb does not light when you plug it in, **rotate** it 180 degrees and then plug it in again.
3. If the bulb still does not light, you may need to unplug the bulb, **adjust** the positive and negative pins outward and reinstall.
4. Flip it 180 degrees and then plug it in again if necessary.



Installing your ProFocos Bulb:

After installing your LED bulbs, if warning lights or turn signal hyper blinking occurs you may need a resistor kit. LED bulbs have less resistance than conventional filament bulbs found in some vehicles like BMW and Mercedes-Benz, as a result your vehicle's computer thinks the bulb is blown. This resistor will mimic the resistance of the OEM bulb and correct the issue.



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