

# LUMEN

## Installation Guide - LED DAYTIME RUNNING LIGHTS

1. Please ensure that the car engine is not running and that the parking brake is applied.



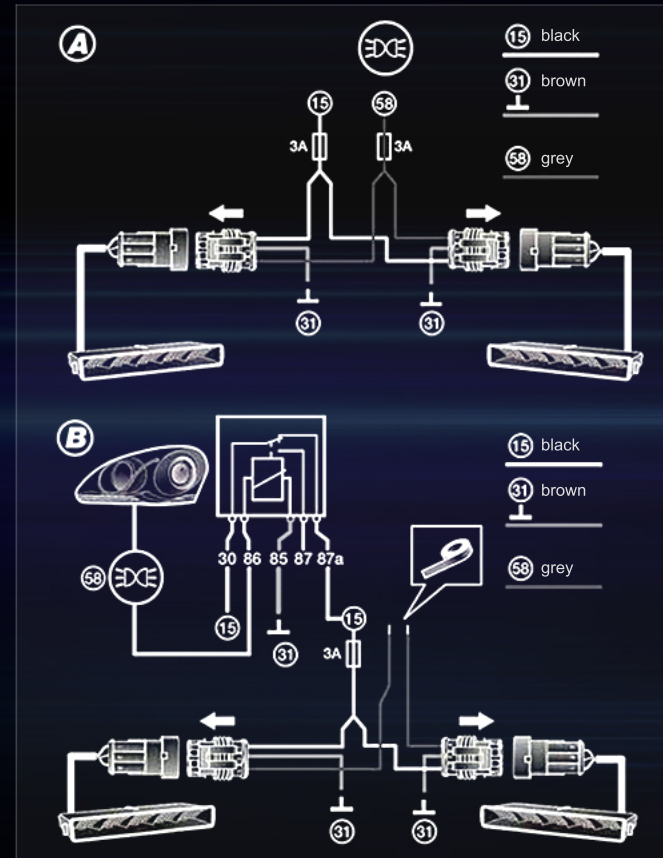
2. Disconnect the plus terminal from the car battery (Note! Prior to doing this, please read the respective article in the Users Manual of your vehicle to ensure that this is not against the rules for using the car stereo, alarm system or any other lectric equipment of your vehicle).



3. Remove the section of the grille where the LED DRLs will be mounted.



4. Take the LED DRL wiring harness (comes with product inside the package), route the wires from the DRL installation location to the place where they will be connected to the system (the DRLs are connected either in the car fuse box using the terminals or it can be soldered to the car light unit wiring).



5. Make the cutouts of appropriate size in the grille for the DRL installation using multifunction rotary tool, a saw blade, a file or other tools that will allow you to do this carefully. Choose the location carefully and plan the cutouts based on the size of DRLs you've purchased

6. Hook up the DRL cables to the fuse box or car light unit wiring\*. You may connect the DRL cables directly or using the relay that will interrupt the voltage supply to the DRL once the vehicle's main lights are on.

7. Insulate the connection of the cables and route them in the engine bay area so that no damage is possible. Note! Upon finishing this step, it is the most appropriate time to test the functionality of the DRL to ensure that you have everything connected.

8. Fit the DRLs in the grille properly and bolt them to the grille. Make sure the bolts are tight, as loose bolts may destroy the bearings with vibrance they experience when the car is in motion.

9. Hook up the car battery terminal back on.



\* If you are not familiar with the exact location of the relay hookup and the wiring in the fuse box, you can determine the right terminal using the electric tester. To do so, connect one terminal of the tester to the "-"(negative) terminal of the car battery (or you can connect it to the non-painted metal part of the car body), then check the terminals in the fuse box, one after another, using the other terminal of the tester. The tester should show the value of 12-14V with side marker lights on, and show OV value once they are off.



Please note that this test can be performed only with the car battery hooked up, and you are sure that the rest of the electric equipment is insulated and hooked up/functioning correctly.