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Installation of LED external lights for Porsche 911 Early and Impact Bumper.

This installation includes the following:

Front:

Turning signal/parking light Yellow
Side marker LED's Yellow

Rear:

Turning signal Red (Yellow for Euro lenses)
Side marker Red (Yellow for Euro lenses)
Back up light White
Tail light/brake light LED's Red
Indicator lights LED's Green in Tachometer, including wiring needed to make the indicator work
Flasher relay for the turning signal LED.

The set will work for all 911, early up to Carrera with impact bumper

Start with the front. Remove the left and right turning signal lenses (for impact bumper car's also the side marker lenses). Remove the dual function 1157 standard bulb and replace it with the LED. Remove the side marker BA9 bulb and replace it with LED.

Remove the Tail light lenses and replace the tail/brake light dual bulbs 1157 with the new LED's, and the turning signal, and backup light bulbs 1156 with the new LED's, as well the side marker BS9 with the LED's.

This is also a good time to clean the housings and lenses and spray some electrical cleaner in the lamp sockets. Make sure all is nice and clean.

Next replace the flasher relay with the new one included in the kit. To access the flasher relay it may necessary to either remove some of the gauges (Oil Temp/Press) or it can accessed from the trunk. See picture. You may switch on the turning signal, and should hear it to locate the right relay.



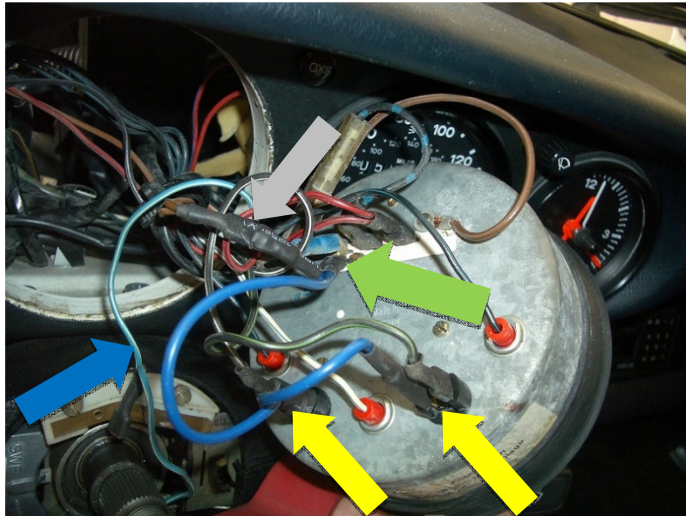
Remove the relay and replace it with the new one. **ATTENTION: Do not use the new relay with the standard bulbs, it can damage the new flasher relay.**

Next: you may test all lights and make sure they all work. Most likely the turning signal indicator will not work correct at this point, and the right lamps will also blink when the left is turned on. That's because the indicator lamps in the tach are not rewired yet.

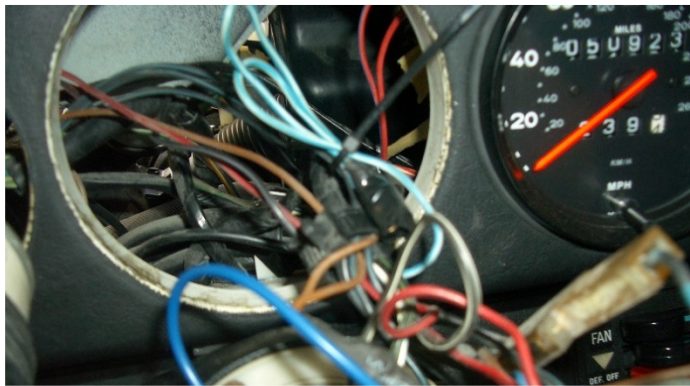
After all LED's are tested, the indicator lamps are next.

Remove the Tach. You may need to remove the steering wheel for better access.

The indicator light sockets have 2 connectors. Un-plug the connectors with the blue/white wire from the sockets, yellow arrows. Un-plug the brown wire (ground) and plug in the new brown wire setup, green arrow. Plug the removed brown wire on to the double contact, gray arrow. Plug the other 2 connectors from the new brown wire into the indicator sockets, yellow arrows. Now you will have a loose wire, blue arrow. **Note: the picture shows a blue wire, the wire included is brown, since it's for ground and matches the car wiring color code.**



I recommend to tape the ends, and fix it with the cable tie, included in the kit, so it will not hang around.



Note: It is possible that the late model Carrera have already ground to the turn signal indicator in the Tach, and the included wire setup is not needed.

Warranty:

The LED lights are warranted for 2 years from the date of purchase. Warranty is void when these 12 volt LED's are used with different voltage.

Please email to notify us prior to returning items for warranty exchange. Return shipping costs are the sole responsibility of the customer.

Disclaimer:

The correct installation of the LED lights is your responsibility; I cannot take any responsibility for any damage to your vehicle or equipment.