

Installation Instructions

Congratulations! You are installing the latest technology in automotive lighting in your Camaro. Here are some fun facts about your new LED taillights:

Four Wire Connection. A four (4) wire connection with a dedicated turn signal wire is included. The onboard micro-controller will determine whether to flash the turn signal or not based on the particular situation (ie. Brake on or off). Use of the fourth wire is optional depending on the your vehicle.

RapidFire™ Your stoplights are equipped with our new RapidFire™ stop light system. Every time the brakes are used your lights will flash three times in rapid succession followed by a constant on. This cycle is repeated every time the brakes are used. This is valuable safety feature helps ensure your visibility to other drivers.

Pulse width modulated tail lamp. The reduced intensity taillight now is a rapid pulsing of the LEDs on and off (on for 10% and off for 90% of the time). This pulsing repeats 2000 times per second. Since the LEDs are only on for 10% of the time, their life is increased. The DOT defined minimum brightness ratio of 7:1 between to tail and stop light is exceeded to 10:1.

Stainless Steel Hardware All parts on your LED array are non-corrosive or stainless steel, including the hardware.





Lifetime Warranty

Proudly MADE IN USA

1. **Disconnect Battery.** **Do not skip this step.** Also, do not try to “test” the LED array by connecting the leads directly to your battery. Permanent damage will occur to the LED array if you fail to heed these steps.
2. Remove the bulb sockets from underneath the taillight.
3. Remove the taillight assembly from the car.
4. Remove the lens from the taillight assembly.
5. Take advantage of this time and clean or replace your taillight lenses. A clean, un-cracked lens will magnify your new LED lights.
6. Connect the LED array to the supplied harness. The green connector plugs into the back of the LED array.
7. Attach the eye on the green ground wire to one of the two LED mounting screws (see photo).
8. Pass the supplied harness wires through the old bulb socket and position the LED array in the outside bulb housing.
9. Cut the two wires going to the tail /stop light bulb socket as near to the socket as possible.
10. Pass the harness through the supplied wire guide/grommet (see photo).

11. Secure the LED assembly in the housing using the plastic wire guide/grommet (see photo).
12. Attach the green ground wire to the stud coming from the LED array (see photo).
13. Re-install the taillight assembly into the body.
14. Repeat assembly for the other side.
15. **Driver's side wiring.** Using the supplied connectors, connect the taillight wire on your car (brown wire) to the black wire on the supplied harness. If you have an aftermarket harness with a dedicated turn signal wire, connect this wire to the yellow wire on the LED harness. If you do not have a dedicated turn signal wire, the yellow wire will not be connected to anything.
16. To use the connector:

QUICK & EASY!

- ① Strip wire 1/2" 
- ② Twist 
- ③ Insert 
- ④ Hand tighten 

17. Repeat by connecting the brake light wire (yellow wire) on your car to the red wire on the supplied harness. Last, connect the black wire on the car to the green wire from the LED.

18. **Passenger side wiring.** Repeat connections on the passenger side. The brown wire on the car goes to the black wire on the LED. The dark green wire on the car goes to the red LED wire. If you have an aftermarket harness with a dedicated turn signal wire, connect this wire to the yellow wire on the LED harness. If you do not have a dedicated turn signal wire, the yellow wire will not be connected to anything.
19. Last, connect the black wire on the car to the green wire from the LED.
20. Reconnect the battery.
21. Test both STOP and taillight functions.
22. Enjoy!
23. **Turn Signal Problems:** : If both the tail and stop function work after installation, but the turn-signals do not, replace the turn-signal flasher with a new one of the same number (552). **Do not use a "heavy duty" flasher.** An electronic flasher may be necessary if your car has LED front parking lights or no front parking lights at all. These are available through the same dealer from whom the LED taillights were purchased. Part number 9005, electronic flasher module for replacing two (2) pin flashers.
24. **Wiring review for people who don't read instructions**

Green – Ground
Red – Stop
Black – Tail
Yellow – Turn
(optional)

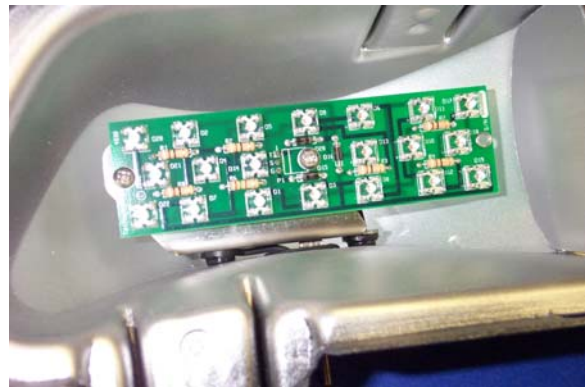
Photo Reference:



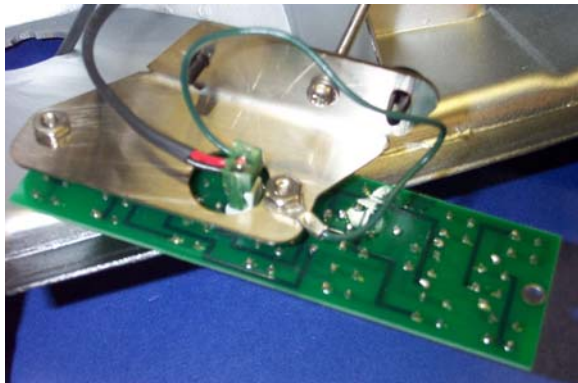
Attach the external grounding wire to the LED mounting stud.



Pass the plastic grommet / wire guide (supplied) over the supplied harness.



LED assembly properly placed into the taillight housing. Note that the plastic grommet / wire guide is eccentric. By turning this, the LED may be adjusted slightly left or right.



Attach the green ground wire to one of the LED mounting studs, before placing the unit into the taillight housing.

Technostalgia

1889 E Telegraph Hill Rd

Madison Indiana 47250

812-265-0062

e-mail: info@cool-leds.com