

Installation Instructions

Congratulations! You are installing the latest technology in automotive lighting in your Chevelle. 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 Taillight housings from car.
3. Disassemble taillight housings.
4. Remove light bulb.
5. Pass the supplied LED harness through the larger hole of the supplied plastic wire guide / grommet.
6. Pass the connector end of the harness through the back of the taillight housing.
7. Attach the plastic connector on the supplied harness to the LED array.
8. Attach the green ground wire to one of the studs on the back of the LED array.
9. Pass the supplied plastic wire guide / grommet over the stud protruding from the LED array.
10. The supplied plastic wire guide / grommet is eccentric so turn it slightly so the LED unit aligns properly in the housing.
11. Attach the nut to the stud to secure the supplied plastic wire guide / grommet. **Do not over tighten.**

12.Reassemble the taillight. This is a great time to install new gaskets and lenses. Your new LED lights will look their best behind a new lens.

13.**Wiring.** Using the supplied connectors, connect the wire from the taillight circuit to the black wire on the supplied harness. To use the connector:

QUICK & EASY!

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

14. Repeat by connecting the wire from the brake light circuit on your car to the red 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.

15. Install the green ground wire to the stud and install the nylon insert lock nut. This wire gets routed to a body ground. Very important.

16.Repeat for the other side.

17.Reconnect the battery.

18.Test both STOP and taillight functions.

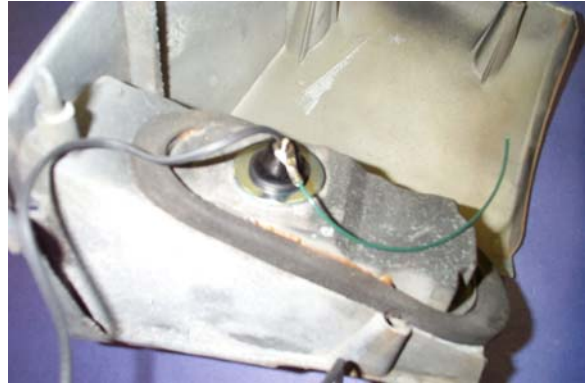
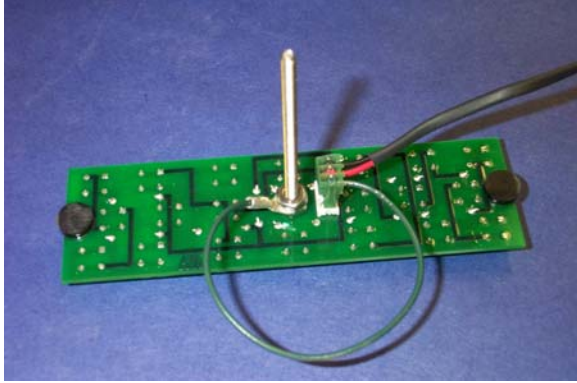
19.Enjoy!

20.**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.

21.**Wiring review for people who don't read instructions**

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

Photo Reference



Technostalgia

1889 E Telegraph Hill Rd

Madison Indiana 47250

812-265-0062

e-mail: info@cool-leds.com

WWW.Cool-leds.com