

1955 Chevrolet LED Stop Installation with RapidFire™

Congratulations! You are installing the latest technology in automotive lighting in your 1955 Chevy. 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 customer's vehicle.

RapidFire™ Your taillight is equipped with our new RapidFire™ stop light system. Every time the brakes are used our light will flash for three times in rapid succession followed by a constant on. This cycle is repeated every time the brakes are used. This valuable safety feature helps ensure the 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 tail and stop light is exceeded to 10:1.

Built-In Reflector The molded lens includes a built-in reflector for visibility when the lights are off.

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

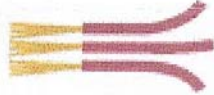
Lifetime Warranty

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 bezel and lens.
3. Remove light bulb and the inner taillight lens.
4. Remove and save the boot on the back of the taillight.
5. Disconnect the harness from the taillight by turning the plastic connector clockwise.
6. Choose a location to splice to the old harness. This can be in the quarter panel or in the trunk. The trunk is preferred, but the supplied connectors are waterproof so connection in the quarter panel will not cause any problems. Cut the old harness at your chosen location. The taillight harness consists of black and pink wires on the driver's side or black and purple wires on the passenger side.
7. Pass the supplied LED harness through the taillight to the desired location. The plastic connector should be about three inches beyond the taillight. Reinstall the boot on the back of the taillight.
8. **Driver's side.** Using the supplied connectors, connect the black wire on your car (taillight) to the black wire on the supplied harness. To use the connector:

QUICK & EASY!

1 Strip wire to 1/2"



2 Twist



3 Insert



4 Hand tighten



9. Repeat by connecting the pink wire on your car (brake light) 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.

10. **Passenger side.** Using the supplied connectors, connect the black wire on your car to the black wire on the supplied harness. Repeat by connecting the purple wire 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.

11. Attach the plastic connector on the supplied harness through the supplied inner lens to the LED array. Note the connector has a detent into which a tab on the mating connector fits.

12. Install the LED array into the taillight lens. The green wire on the supplied harness attaches to one of the lens divider screws. Ensure good contact with metal. This is the ground.

13. Reinstall the taillight bezel.

14. Repeat for the other side.

15. Reconnect the battery.

16. Test both STOP and taillight functions.

17. Enjoy!

18. **Turn signals:** 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.

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

- Green – Ground
- Red – Stop
- Black – Tail
- Yellow – Turn



Email: sales@shiny-hiney.com

www.shiny-hiney.com