Four Wire Connection. A four (4) wire connection with a dedicated turn signal wire is included. The onboard micro-controller will determine weather 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 taillights are equipped with our new RapidFire™ stop light system. Every time the brakes are used our lights will flash for 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 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 to tail and stop light is exceeded to 10:1.

Built-In Reflector The molded lens included 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

Installation Instructions

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. Choose a suitable location to mount the taillight.
3. Using the supplied template, mark the centers of the three holes required for installation.
4. Drill two (2) 5/16" holes for the mounting studs and one (1) 3/8" hole for the wiring.
5. Repeat for the other side of the vehicle.
6. Install the provided taillight to body gasket between the taillight and the body.
7. Pass the supplied LED harness through the 3/8" hole and position the taillight on the body. Tighten the supplied ¼" stainless steel lock-washers and nuts.
8. **Wiring for cars with 2 taillight wires + Ground**. Using the supplied connectors, connect the wire from the taillight circuit to the **black** wire on the supplied harness. To use the connector: put both wires in a separate hole, unstripped. Holding the wires

as far in as possible, squeeze the connector with pliers. Some "goo" may come out of the connector. This "goo" ensures a watertight connection. . Repeat by connecting the wire from the brake light circuit on your car to the **red** wire on the supplied harness. The **green** wire is connected to a good body ground. If you do NOT desire the ***Rapid Fire*** feature connect the wire from the brake light circuit on your car to the **yellow** wire on the supplied harness.

9. **Wiring for cars with 3 taillight wires + Ground**. Using the supplied connectors, connect the wire from the taillight circuit to the **black** wire on the supplied harness. To use the connector: put both wires in a separate hole, unstripped. Holding the wires as far in as possible, squeeze the connector with pliers. Some "goo" may come out of the connector. This "goo" ensures a watertight connection. . Repeat by connecting the wire from the brake light circuit on your car to the **red** wire on the supplied harness. The **green** wire is connected to a good body ground. Connect the wire from the turn signal circuit on your car to the **yellow** wire on the supplied harness
10. Repeat for the other side.
11. Reconnect the battery.
12. Test both STOP and taillight functions.
13. Enjoy!
14. **Turnsignals:** If both the tail and stop function both work after installation, but the turn-signals do not, replace the turn-signal flasher with a new one of the same number. 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.
15. **Wiring review for people who don't read instructions**

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

1938-39 FORD LED TAILLIGHT
DRILL TEMPLATE