

Congratulations! You are adding the newest technology LED controller to your LED taillights from Shiny-Hiney.com and Technostalgia. Here are some fun facts about your new part:

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 your 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.

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

Lifetime Warranty

Proudly MADE IN USA

Add On RapidFire™ Controller 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. **Wiring for vehicles with 2 taillight wires + ground.** Using the supplied connectors, connect the wire from the taillight circuit to the **black** wire on the supplied harness. See “Quick & Easy” instructions to use the supplied connectors. Repeat by connecting the wire from the brake light circuit on your vehicle to the **red** wire on the supplied harness. The **green** wire is connected to a good body ground. If you do NOT desire the **RapidFire™** feature connect the wire from the brake light circuit on your car to the **yellow** wire on the supplied harness.
3. **Wiring for vehicles with 3 taillight wires + ground.** Using the supplied connectors, connect the wire from the taillight circuit to the **black** wire on the supplied harness. See “Quick & Easy” instructions to use the supplied connectors. Repeat by connecting the wire from the brake light circuit on your vehicle 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 LED controller.
4. Connect the **red** wire from the LED controller to the **red** wire on your SHINY-HINEY/TECHNOSTALGIA LED array.
5. Connect the **green** wire from the LED controller to the **green** wire on your SHINY-HINEY/TECHNOSTALGIA LED array.
6. Repeat for the other side.

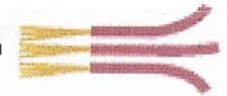
7. Reconnect the battery.
8. Test STOP, turn and taillight functions.
9. Enjoy!
10. **Turn signals:** If both the tail and stop functions work after installation, but the turn signals do not, replace the turn signal flasher with a new one of the same number. Do not use a "heavy duty" flasher. An electronic flasher may be necessary if your car has LED front parking lights or no front parking lights at all.

Wiring review

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

QUICK & EASY!

1 Strip wire to 1/2"



2 Twist



3 Insert



4 Hand tighten



Email: sales@shiny-hiney.com

www.shiny-hiney.com