



GALLS TRAFFIC BACKER

FS016 AND FS027

CAUTION

Some vehicle manufacturer's may not allow the use of this product on the vehicle's they manufacture. Please consult your operator's manual prior to installation. Also, make sure you fully read and understand all instructions before attempting to install the Flashback Flasher.

The Traffic Backer utilizes the existing brake and back up lights on any vehicle with a 12 VDC negative ground system. A properly installed Traffic Backer will alternate the brake lights, EXCLUDING the third brake light with the back up lights at a constant rate of 2.4 flashes per second. Alternating red and white light creates an effective warning signal to the rear of the vehicle to greatly reduce rear end collisions.

INSTALLATION

MOUNTING: Mount in the vehicle's trunk near the brake lights.

CONNECTIONS: Use 18 gauge wire on all extensions except the white wire where 16 gauge wire is recommended.

GREEN WIRE: Connect to a convenient reliable ground.

BLUE, ORANGE, YELLOW & PINK WIRES: Determine if the vehicle has a three or four wire brake system.

THREE WIRE SYSTEM

Turn signal and brake light use the same lamp.

1. Locate and cut the wire that feeds power to the left turn signal/brake light.
2. Connect the blue wire to the lead that goes back to the signal/brake lights.
3. Connect the orange wire to the remaining lead that goes to the front of the vehicle.
4. Locate and cut the wire that feeds power to the right turn signal/brake light.
5. Connect the yellow wire to the lead that goes back to the right turn signal/brake light.
6. Connect the pink wire to the remaining lead that goes to the front of the vehicle.

FOUR WIRE SYSTEM

Turn signal and brake light use separate lamp.

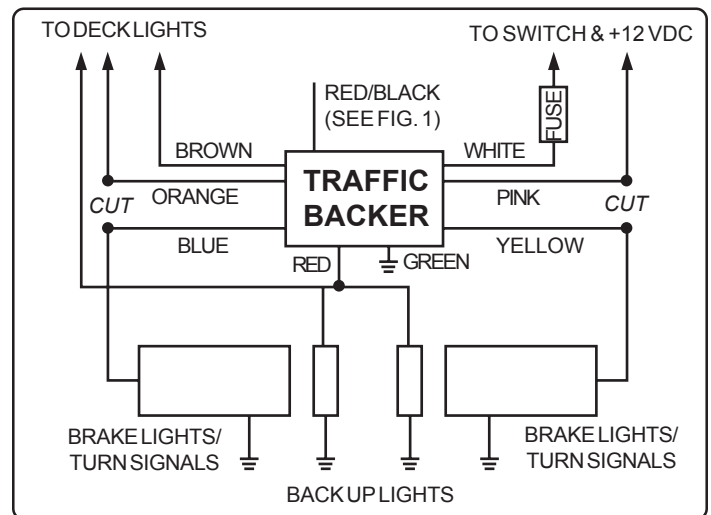
1. Locate and cut the wire that feeds power to the brake lights.
2. Connect the blue and yellow wires together and then connect them to the lead that goes back to the brake lights.
3. Connect the orange and pink wires together and then connect them to the remaining lead that goes to the front of the vehicle.

RED WIRE: "T" or tap the red wire into the vehicle's back up light wire.

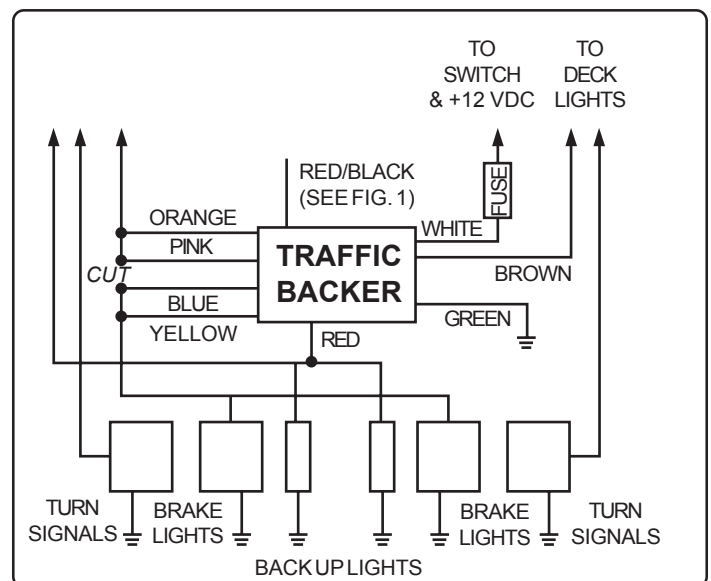
WHITE WIRE: Connect through a 20 amp fuse and a switch (capable of handling 20 amp) directly to the positive post of the battery or other high current power source. We recommend the use of a fuse ONLY. DO NOT CONNECT THE FLASHER SYSTEM TO A CIRCUIT BREAKER OR FUSIBLE LINK.

BROWN WIRE (OPTIONAL): Connect to deck lights to flash at the same time as the back up lights.

RED/BLACK WIRE (OPTIONAL): See Figure 1 for connection to additional package tray lights.



Three Wire System Wiring Diagram



Four Wire System Wiring Diagram

NOTE

On certain vehicles, when both the flashback and the turn signals are operated together, the front turn signal may flash at a nonuniform rate. This condition causes no damage to either the vehicle or the Flasher.

IMPORTANT

TEST: Vehicle Safety Systems and Flasher

1. Set emergency / parking brake and start the vehicle.
2. With Flasher OFF, attempt to shift the transmission out of PARK with out depressing the brake. Transmission must NOT shift. If the vehicle shifts from PARK, disconnect the Flasher, restore the vehicle wiring and contact Gall's Technical Department for further instructions.
3. With Flasher ON, attempt to shift transmission out of PARK with out depressing the brake. Transmission must not shift. If the vehicle shifts from PARK, disconnect the Flasher, restore the vehicle wiring and contact Gall's Technical Department for further instructions.
4. Periodically have the operator of the vehicle repeat the above test to ensure proper operation of the vehicle safety systems.

WARNING

DO NOT connect the Traffic Backer Taillight Flasher to the High Mounted Stop Lamp (i.e. Cyclops, Center Light, CHMSL). Flashing the High Mounted Stop Lamp violates Federal Motor Vehicle Safety Standard (FMVSS) No. 108 which requires the High Mounted Stop Lamp only illuminate when applying the brakes.

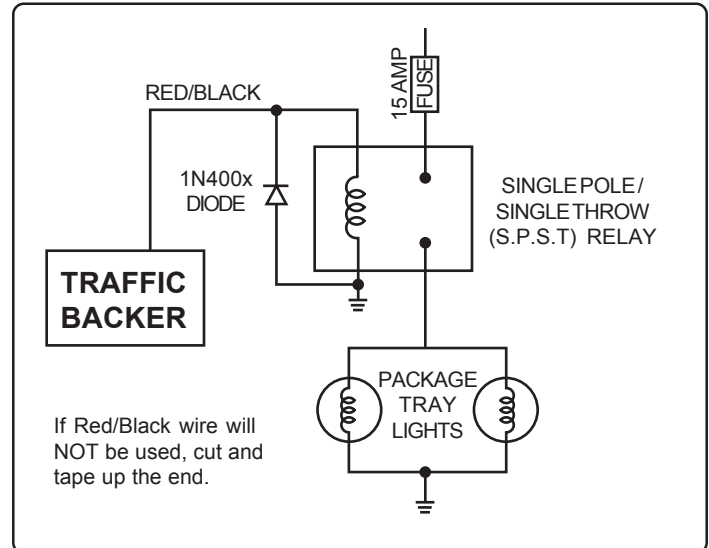


Figure 1. Package Tray Lighting Installation

Covered under U.S. Patents #4114071, #4309639 and #4859988.



No Hassle Guarantee

Providing quality products to professionals who protect and serve the public is our core purpose. If you aren't satisfied with a newly purchased item, simply return it to us so we can repair it, replace it or refund your money.



GALLS TWO YEAR WARRANTY

Galls offers a two year warranty... a guarantee that assures you long-lasting service on your vehicle light equipment. This offers you peace of mind.