

# Installation and Operating Instructions

## TC8891 CONNECTOR, TRAILER, STROBE KIT, 7-WAY, TRAILER MOUNTED

The included Trailer Flasher system connects to your trailer, connecting to the existing trailer lights to flash and strobe trailer lights when needed. Also included is a Wireless Remote Control to activate flashing warning lights while parked or in transit.

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This Trailer Flasher System is recommended for use with LED lighting on the trailer. For incandescent trailer lights, please review the following. If the tail/running lights (brown wire) load exceeds 20 amps and/or the reverse light (red wire) load exceeds 5 amps, a temperature sensor within the Trailer Flasher System will activate. This will automatically turn on the steady mode light/reverse function until the Trailer Flasher System decreases temperature.

### Specifications for Incandescent Bulb Trailers

- Operating voltage - 12-14V
- Operating temperature - -40 to 75c
- Tail/running light circuit (brown wire) – less than 20 amps
- Reverse light circuit (red wire) - less than 5 amps
- Right Turn/Stop and Left Turn/Stop (green and yellow wires) - less than 5 amps
- TOTAL MAX OUTPUT LOAD MUST NOT EXCEED 30 amps

### **WARNING**

- Before you begin installing the Trailer Flasher System, thoroughly read these instructions. To prevent injury, potential accident, or damage to your tow vehicle or trailer, install the Trailer Flasher System per these instructions only. Do not make any modifications to the system.
- If you have any doubt concerning the installation of this system, please contact a dealer for installation.
- If you have any questions about using this system, please contact your dealer or Buyers Products.
- Buyers Products is not responsible for injuries, accidents or damage to persons or property that arise from the failure to comply with these instructions.
- Make certain the vehicle is in Park and the emergency brake is activated.
- If the vehicle has been running, allow the vehicle to cool for at least 30 minutes before beginning the installation process.
- Keep these Operating Instructions following the installation for future reference.

### Installation

1. Locate the tow vehicle's 7-pin female connector located at the rear of the vehicle, usually inside the rear bumper area. Take the male connector from the Trailer Flasher System (See figure 1) and insert it into the tow vehicle's 7-pin female connector.
  - a. NOTE – If your trailer's existing port is a 4-pin connector, you will need a 7-pin to 4-pin flat plug-in adaptor. This accessory is not included in this kit.
2. On the other end of the Trailer Flasher System, take the female end connector (see figure 2) and insert the male connector from the trailer into the Trailer Flasher System's female connector. Make certain both connections are tightly plugged-in and secure.
3. Once the cables are connected, locate an area to mount the Trailer Flasher System. Check and make certain the magnet on the back of the Trailer Flasher System is tightly screwed into place. Secure the Trailer Flasher System using the magnet onto the trailer's frame or neck (see figure 3). Four cable ties are also included to aid in mounting the Trailer Flasher System. The Trailer Flasher System can also be mounted with self-tapping screws (not included). The magnet can be un-screwed from the Trailer Flasher System if you choose an alternate mounting means (cable ties or screws). Once the trailer is hooked up to the tow vehicle and the trailer connector is plugged into the tow vehicle, locate the power button on the bottom of the Trailer Flasher System (black button) and push to power on. Activate the strobe and flash function by pushing the "A" Button on the Trailer Flasher System Remote Control. This will activate the Trailer Flasher System to strobe/flash the trailer lights. The trailer lights will go from steady mode to flashing/warning mode. To switch flash patterns, press "A" on the Remote Control to select a flash pattern. There are 6 different flash patterns to choose from. Once you have found the desired flash pattern, leave the pattern running for 3 minutes and the Trailer Flasher System will then stay on that pattern, even when the Trailer Flasher System is powered on or off. If you would like to stop flash/warning lights or return to steady-mode, simply press "B" on Remote Control and trailer lights will deactivate from flashing/warning pattern.

### Maintenance of the system

Before each use of the trailer, inspect the wiring and function of the Trailer Flasher System. Make certain all marker lights, backup lights and brake lights are operating correctly.



**MALE END CONNECTOR**



**FEMALE END CONNECTOR**



**REMOTE CONTROLLER**



**FIGURE 1**



**FIGURE 2**



**FIGURE 2**



**FIGURE 3**

**WARRANTY**

Buyers Products Co. warrants all truck/trailer hardware manufactured or distributed by it, to be free from defects in material and workmanship for a period of one year from date of shipment. Parts must be properly installed and used under normal conditions. Any product which has been altered, including modification, misuse, accident or lack of maintenance will not be considered under warranty. Normal wear is excluded. The sole responsibility of Buyers Products Co. under this warranty is limited to repairing or replacing any part or parts which are returned, prepaid, and are found to be defective by Buyers Products Co. Authorization from Buyers Products Co. must be obtained before returning any part. No charges for transportation or labor performed on Buyers' products will be allowed under this warranty.