

Installation and Operating Instructions

TC8894 CONNECTOR, TRAILER, STROBE KIT, 7-WAY, PERM INSTALL FOR TRAILER MOUNTED

The included Trailer Flasher System permanently 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. This system can also be used to wire a newly manufactured trailer.

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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 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.
- Keep these operating instructions following the installation for future reference.

Installation

1. Locate Area to mount the Trailer Flasher System onto the trailer. Find a suitable location for installation, such as on the inside edge of your trailer tongue. The Trailer Flasher System should be close enough for your trailer harness wires to reach, but away from any components the Trailer Flasher System could interfere with on the trailer. If placement of Trailer Flasher System is under the trailer, you will want to use self-tapping screws (not included) to attach it to the trailer. This will help prevent damage that may occur if the Trailer Flasher System is left unsupported.

2. Make Trailer Connections. **NOTE: Please see Figure 1. Figure 1 shows the color and function of each wire. You will not always be able to rely on color alone to match up wire functionality.**

a. Before you begin, slide the large heat shrink sleeve onto your harness so that it can be pulled over the connections.

b. Identify and mark all the wires. Once you have all the wires identified, connect one at a time to the blunt cut harness end, using the provided butt connectors and heat shrinks. Once complete, secure any excess wire with wire clips or cable ties (not included).

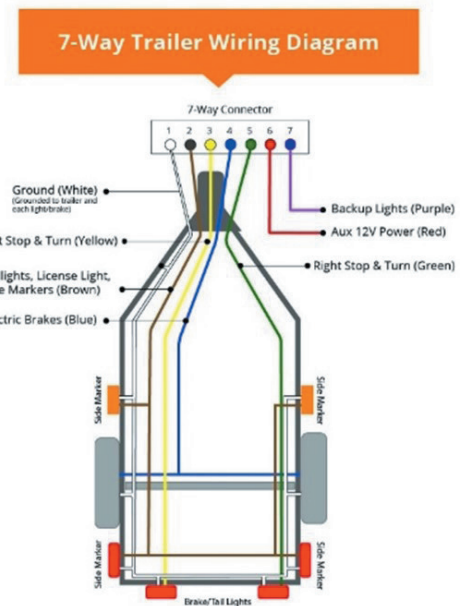
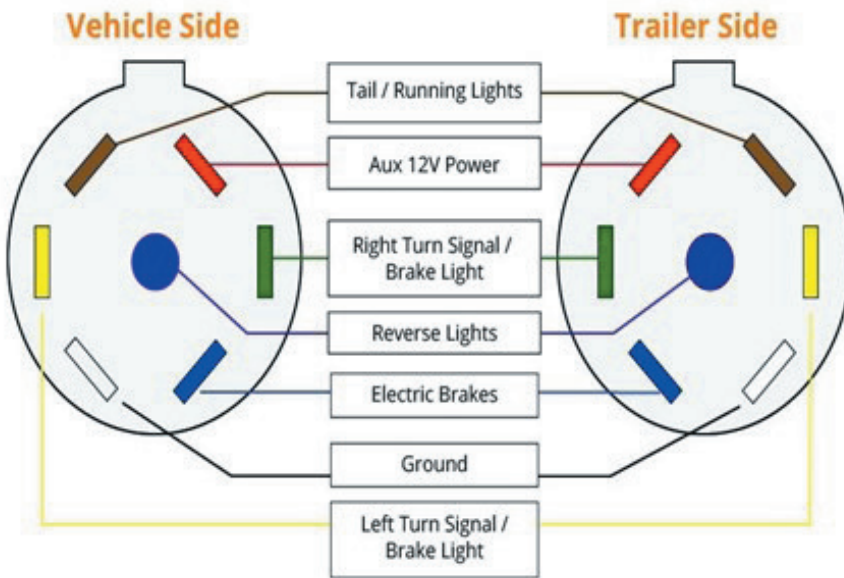
3. Test the Trailer Flasher System function. Once all the wires have been connected properly to the Trailer Flasher System wires, position the tow vehicle near the trailer and connect the trailer to the tow vehicle. The 7-pin male connector from the Trailer Flasher System will plug into the female tow vehicle plug outlet. Turn on the tow vehicle's lights and test all the marker lights, backup lights and brake lights to ensure they function properly. Trailer Lights will activate on steady mode until the Trailer Flasher System is powered on.

4. Test Strobe and Flash Functions. Once the trailer is connected 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.

5. Finish Install Wiring. Once you have confirmed the wiring is correct and the Trailer Flasher System is functioning correctly, pull the large heat shrink wrap/sleeve over wires and secure by using a heating gun. Use cable ties (not included) to secure any extra wiring away from any moving parts.

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.



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.