

**For Trailers over and under 80" in width.**

**Designed for 12 Volt Systems.**

**Note:** Some kits do not contain all the lights required by the Department of Transportation depending on the type of trailer. Please check with your dealer concerning additional lighting requirements.

If your towing vehicle has rear turn signals separate from the stop light, an electronic turn signal converter from an automotive accessory supplier will be required to install this light kit.

**Towing Vehicle Wiring**

1. Disconnect the vehicle battery to avoid short circuits or electrical shock.
2. Use short wiring harness for towing vehicle wiring. Attach the white wire to a ground location on towing vehicle using circle connector and mounting screw included.
3. Connect the yellow wire to the driver's side stop and turn signal circuit with blue snap lock connector included in kit.
4. Connect the green wire to the passenger's side stop and turn signal circuit using the blue snap lock connector.
5. Connect the brown wire to the tail lamp circuit using the blue snap lock connector.

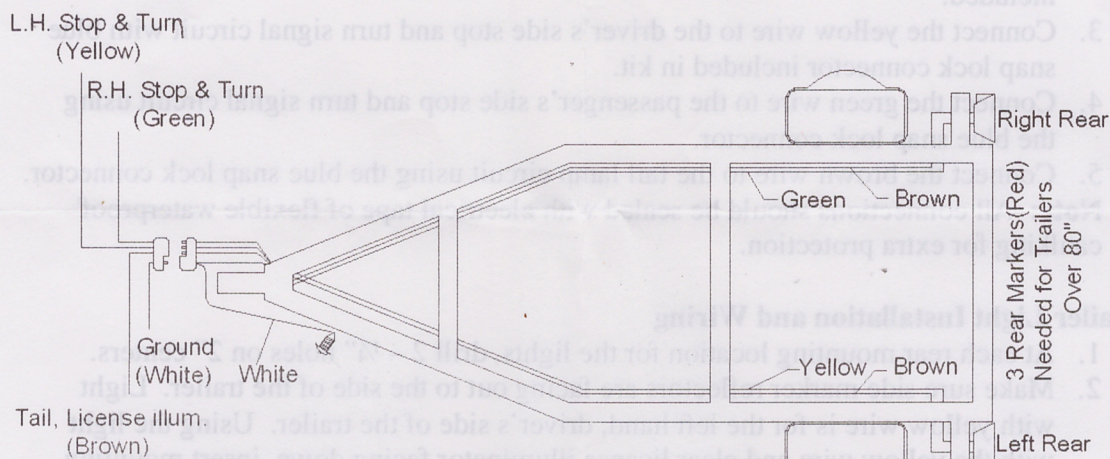
**Note:** All connections should be sealed with electrical tape of flexible waterproof caulking for extra protection.

**Trailer Light Installation and Wiring**

1. At each rear mounting location for the lights, drill 2 - 1/4" holes on 2" centers.
2. Make sure side marker reflectors are facing out to the side of the trailer. Light with yellow wire is for the left hand, driver's side of the trailer. Using the light with the yellow wire and clear license illuminator facing down, insert mounting bolt head (2) into the slots provided on the rear of the housing. Feed the wiring and mounting bolts through the license plate bracket holes and mount to the trailer using the locking nuts provided. Mount the light with the green wire on the right hand, passenger side, of the trailer.
3. Attach white wire from lamps to a good ground.
4. Keeping the plug end of the long wire harness at the tongue of the trailer, attach the white wire to a good ground on the trailer using the circle connector and screw provided.
5. Run yellow/brown wire along driver's side of the trailer frame. Clip 3 wire clips to the trailer frame and attach wiring to these clips. Be sure wiring does not hang down or drag on the ground.
6. Attach the yellow wire from this wiring harness to the yellow wire from the driver's side light using the gray wire nut provided (for left hand stop function).
7. Attach the brown wire from this same wiring harness to the brown wire from the driver's side lamp using the gray wire nut (for left hand tail light).



8. Now attach the remaining green/brown wires on the passenger side of the trailer frame as in step 5.
9. Attach the green wire from this wiring harness to the green wire from the passenger side lamp and secure with gray wire nut (for right hand stop function).
10. Attach the brown wire from this same wiring to the brown wire from the passenger's side lamp and secure with gray wire nut (for right hand tail light).
11. After confirming all wiring is correct, reconnect battery.
12. With the trailer wiring connector plugged into the connector from the vehicle wiring system, turn on headlights. Both tail lights and corresponding side markers should come on. The brighter stop lights should come on only when the brake pedal is depressed or when the turn signal is activated (key must be in "on" position). If lights do not light, check all ground connections between vehicle wiring and trailer connector.



Bag of hardware contains :

- 6 Snap Lock Connectors
- 6 Wire Clips
- 6 Wire Nuts
- 4 Bolts
- 4 Washers
- 4 Nuts