

48000 Trailer Tail Light Converter

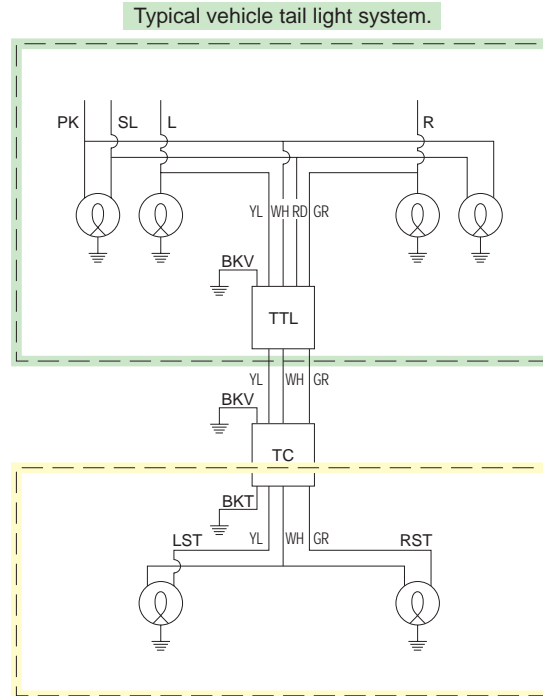


Permits a towing vehicle with two lighting circuits for each side to operate lights on a trailer with a single circuit each side. Eliminates the need to rewire the trailer, or to add additional lights. US laws require stoplights, turn signals and taillights on trailers.

For use with 12V DC negative ground systems only. Using the Converter, towing vehicles with four lighting circuits (left stop, left turn, right stop, right turn) can properly operate trailers with two lighting circuits (left stop and turn, right stop and turn). Solid state circuitry provides high reliability and is embedded, giving complete protection against moisture and vibration. Color-coded 18AWG wire leads are 24" (607.6mm) long for towing vehicle connections, 36" (914.4mm) long for attachment to trailer connector.

Operation of trailer lights is unaffected by a burned-out bulb in the towing vehicle.

Includes wiring and installation instructions, and self-splicing wire connectors for fast installation. Converter has self-adhesive pad for easy mounting inside a trunk, fender wall or other smooth surface.



Typical trailer tail light system.
Trailer ground is not provided.

Key to the diagrams

PK	=	Parking lights.
SL	=	Stop lights.
L	=	Left turn signal.
R	=	Right turn signal.
YL	=	Yellow.
WH	=	White.
RD	=	Red.
GR	=	Green.
BKV	=	Black, vehicle ground.
BKT	=	Black, trailer ground.
TTL	=	Trailer tail light module.
TC	=	Trailer connector.
LST	=	Left stop & turn signal light.
RST	=	Right stop & turn signal light.



other electronics

Battery Isolator Switches: See Section J3



other electronics

Solid State Solenoid: See Section H4