

Information

Hubs and Axles

Brake Assemblies

Suspensions & Fasteners

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Hitches & Towing Accessories

Body Components

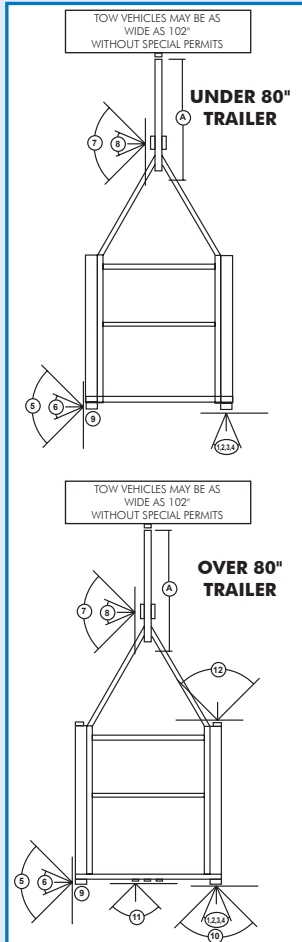
Boat Trailer Parts

Lights & Electrical

Locks & Cargo Control

Brake Actuating Systems

Switches



## Lighting Tech. Information

In this section you will find information on legal requirements for trailer lighting, wiring diagrams for 4, 6 & 7-pole systems, as well as some lighting terminology. Some of the most basic maintenance practices can add years of service to your trailer lighting system. One tip is to always unplug the trailer harness from the tow vehicle before launching and loading. Doing so will prevent thermo shock failure when a hot bulb comes in contact with cold water. Another easy maintenance tip is to coat all exposed metal surfaces with dielectric grease, including trailer harness plugs, bulb sockets and contacts. The grease will help prevent corrosion, which is the leading cause of light failure. Finally, as a safety precaution, always check the trailer lighting for proper operation before heading out on the road.

Function	Color	Visibility Requirements
1 Tail Light	Red	45° Left and Right 10° Up and Down
2 Stop Light	Red	45° Left and Right 10° Up and Down
3 Turn Light	Red	45° Left and Right 10° Up and Down
4 Rear Reflex	Red	20° Left and Right 10° Up and Down
5 Rear Sidemarker	Red	45° Left and Right 10° Up and Down
6 Rear Side Reflector	Red	20° Left and Right 10° Up and Down
7 Front Sidemarker	Amber	45° Left and Right 10° Up and Down
8 front Side Reflector	Amber	20° Left and Right 10° Up and Down
9 License Light	Clear	Above or Side Illuminated

Function	Color	Visibility Requirements
OVER 80" LIGHTING		
10 Rear Clearance Light	Red	45° Left and Right 10° Up and Down
11 Rear Identification Light	Red	45° Left and Right 10° Up and Down
12 Front Clearance Light	Amber	45° Left and Right 10° Up and Down

### Interpretations

A	United States	The front sidemarker must be mounted so that it is visible 45 degrees left and right without obstruction from the trailer or tow vehicle to comply with NHTSA's interpretation of "as far forward as practical."
B	Canada	The front sidemarker must be mounted from 39" to 60" from the front of the trailer and be visible from 45 degrees left and right without obstruction from the trailer and tow vehicle to comply with Transport Canada's interpretation of "as far forward as practical."



## Standard Light Kits - Incandescent Bulbs

(Submersible Incandescent Kits on Page J11)



Part #	Description	Industry Style
2599	Light Kit - Retail Clamshell Package Includes Tail Lights, Side Marker Lights, 25' Harness and Tag Bracket	V545
2600	Light Kit - Plain Box Includes Tail Lights, Side Marker Lights, 25' Harness and Tag Bracket	545

Part #	Description	Industry Style
2836	Light Kit - Plain Box Includes Tail Lights, 4' Truck Connector, 25' Harness, Tag Bracket and Hardware	-

Part #	Description	Industry Style
2602	Auxiliary Tow Light Kit with Two Double Face (Red/Amber) Stop, Tail and Turn Lights with Magnetic Base, Trunk Connector and 20' Trailer Harness. Retail Clamshell Packaging	V555
2723	Replacement lens - Amber	313-15A
2724	Replacement lens - Red	313-15R