


TRAILER HOOK UP SPECIFICATIONS

All of our trailers have a Lunette Ring similar to the one in picture bottom left. Some of our trailers have an adjustable mounting for the Lunette. (same picture just above Lunette) To tow our trailers you will have to have a pintle hook or a combo pintle hook similar to ones shown below. It is your responsibility to make sure your hitch has a high enough tow rating to tow the unit you rent. When towing our units it is also your responsibility to have a compatible socket on your truck which ensures working lights, running, blinker and stop, and to have an electrical brake system controller which will control the electrical brakes on our trailers. We use Kelsey Hayes Brake Controllers but any compatible brand should do. It is your responsibility to test and make sure all systems are working before driving away. Our Trailers have a 7 way connector most common on RV trailers but becoming increasingly more popular on all trailers. As you can see in the illustration below the back side of the connector body is labeled at each terminal. The labels are listed below with the function assigned to that pin. Wire color alone should not be relied on always test and match the function to the appropriate terminal. It should be noted below that the center terminal is as an auxiliary circuit, most commonly used for backup lights not a ground terminal as many try to make it.

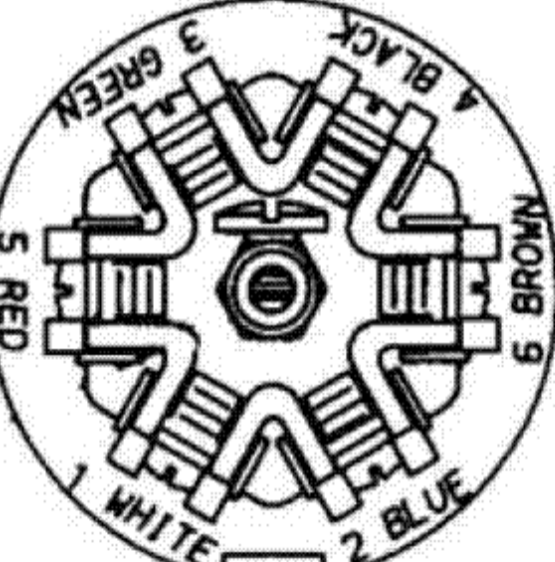
Wiring Code Tow Vehicle

#	Color	Gage	Circuit Function	connector interior
1	white	10	common ground	
2	blue	12	electric brake	
3	green	14	tail/running lights	
4	black	10	battery charge (+)	
5	red	14	left turn/stop	
6	brown	14	right turn/stop	
7	yellow	14	auxiliary/back up	



NOTE: #7 is the center terminal and currently is most commonly used for backup lights.

Wiring Code 7 way Trailer End

#	Color	Gage	Circuit Function	connector interior
1	white	10	common ground	
2	blue	12	electric brake	
3	green	14	tail/running lights	
4	black	10	battery charge (+)	
5	red	14	left turn/stop	
6	brown	14	right turn/stop	
7	yellow	14	auxiliary/back up	



NOTE: #7 is the center terminal and currently is most commonly used for backup lights.

This chart should be used as a general guide only, you should always test before connecting your wiring. Caution if your vehicle has a diagnostic indicator that tells you when a lamp is burned out or not functioning, you may need special wiring adapters and testers. Not using these adapters may cause damage to the vehicle wiring or computer.

function	GM	Ford	Chrysler
left turn & brake lights	yellow	lt green w/orange stripe	dk green
right turn & brake lights	dk green	orange w/blue stripe	brown
tail lights	brown	brown	black or black w/yellow stripe
back up lights	lt green	black w/pink stripe	violet
ground see note 1	black	black or grey	black
brake light	Lt Blue or Pink	red w/green stripe	white

In addition to the above some cars and trucks have a separate light for the brake light, most commonly identified by amber turn lenses in the rear. Chrysler and Jeep may have the separate light and use red lenses. If you have this type of wiring a converter is required.

Note 1: We recommend attaching the trailer harness ground directly to the frame or a solidly attached sheet metal part, using a screw or bolt. The single most common cause of trailer lighting problems is a poor ground on the tow vehicle or trailer.



If you have a truck with a 7way connector plug in with a square receiver but are lacking the hitch you can also rent the hitch from us. Measuring the ID. of your square receiver we have hitches available for 2", 2.5" & 3.25".