

## How to Scale a Load

Remember to always set the tractor parking brake before exiting the truck or performing any function that requires you to leave the vehicle.

1. Adjust the trailer tandems to the shortest kingpin law for the states you will have to travel through.
2. Weigh before leaving shipper if possible. Weigh as soon as possible after loading!
3. Pull onto the scale and weigh each axle.
4. If over 80,000 pounds: STOP! Your vehicle is overweight. Immediately call your Driver Leader or after hours ECT.
5. Compare each weight to allowable limits (A, B, and C), and determine if any axle(s) over weight. See diagram below.
6. Follow the chart to shift the weight from the heavy axle to those with leeway.  
**Remember to move the tandems TOWARDS the problem (the heavy axle) or the 5th wheel AWAY from the problem (the heavy axle).**
7. After each shift, re-weigh.
8. Don't drive until legal. If you cannot get the load legal call your Driver Leader or after hours ECT.
9. **Any** load scheduled to deliver in California must be set at 40' Kingpin setting.

**NOTE: If you have any questions regarding weights, heights, lengths, or widths of any load or trailer, contact the Permits Department.**

### Maximum Weights



A. STEER

12,000

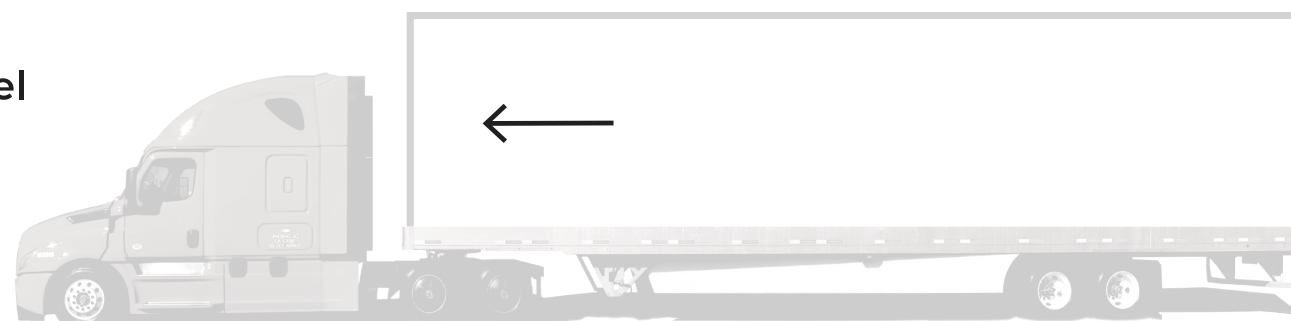
B. DRIVES

34,000

C. TANDEMS

34,000

### Moving 5th Wheel Forward



HEAVIER

LIGHTER

SLIGHT CHANGE

**Moving  
5th Wheel  
Backward**



**Moving  
TRL Tandems  
Forward**



**Moving  
TRL Tandems  
Backward**



**EACH NOTCH ON THE 5TH WHEEL MOVES ABOUT 500 POUNDS;  
EACH NOTCH ON THE TRAILER TANDEM MOVES ABOUT 250-300 POUNDS.**

## ***Height & Length***

**Professional Drivers know their equipment at all times.**

- Carry a minimum 50-foot tape measure, use it when unsure of your clearance.
- During the pre-trip inspection, note the trailer height. Write it down.
- If the trailer tire size differs from your tractors' tire size, the height of your trailer will increase. (See diagram 1)
- All heights are measured when the equipment is parked. The height of the truck and trailer will increase when you're moving. This increase can reach up to SEVERAL INCHES.
- Never assume the posted height of a bridge or underpass is correct.
- A loaded trailer will be slightly lower than an empty trailer. You may clear a low overhead hazard when loaded and not clear it when you're empty.
- Before backing Get Out And Look (G.O.A.L), look high and low at clearances.
- Beware of tunnels or overpasses that have rounded openings.

**ADD AN ADDITIONAL ONE OR TWO INCHES TO THE HEIGHT WHILE TRUCK IS MOVING.**



STATE	ABBREVIATION	HEIGHT	LENGTH	KING PIN	DIAGRAM
ALABAMA	AL	13'6"	57'	41'	1
ARIZONA	AZ	14	57'/Interstate	NONE	-
ARKANSAS	AR	13'6"	53'	NONE	1
CALIFORNIA	CA	14	53'	40'	1
COLORADO	CO	13'6"	57'	NONE	-
		14 interstates			
CONNECTICUT	CT	13'6"	53'	43'	1
DELAWARE	DE	13'6"	53'	NONE	-
FLORIDA	FL	13'6"	53'	41'	1 or 2
GEORGIA	GA	13'6"	53'	NONE	2
IDAHO	ID	14	53'	NONE	-
ILLINOIS	IL	13'6"	53'	45'6"	1
INDIANA	IN	13'6"	53'	43'	1
IOWA	IA	13'6"	53'	NONE	-
KANSAS	KS	14	59'6"	NONE	-
KENTUCKY	KY	13'6"	53'	NONE	-
LOUISIANA	LA	13'6"	57'	36' minimum	-
MAINE	ME	13'6"	53'	43'	-
MARYLAND	MD	13'6"	53'	41'	1
MASSACHUSETTS	MA	13'6"	53'	NONE	-
MICHIGAN	MI	13'6"	53'	37'-41'	2
MINNESOTA	MN	13'6"	53'	43'	2
MISSISSIPPI	MS	13'6"	53'	NONE	-
MISSOURI	MO	13'6"	53'	NONE	-
MONTANA	MT	14	53'	NONE	-
NEBRASKA	NE	14	53'	NONE	-
NEVADA	NV	14	53'	NONE	-
NEW HAMPSHIRE	NH	13'6"	53'	41'	2
NEW JERSEY	NJ	13'6"	57'6"	41'	2
NEW MEXICO	NM	14	53'	NONE	-
NEW YORK	NY	13'6"	53'	43'	1
NORTH CAROLINA	NC	13'6"	53'	*36'-41'	1
NORTH DAKOTA	ND	14	53'	NONE	-
OHIO	OH	13'6"	53'	NONE	-
OKLAHOMA	OK	13'6"	57'	NONE	-
OREGON	OR	14	53'	NONE	-
PENNSYLVANIA	PA	13'6"	53'	41'	2
RHODE ISLAND	RI	13'6"	53'	41'	1
			Interstate only		2
SOUTH CAROLINA	SC	13'6"	53'	41'	
SOUTH DAKOTA	SD	14	53'	NONE	-
TENNESSEE	TN	13'6"	53'	41'	1
TEXAS	TX	14	57'	NONE	-
UTAH	UT	14	53'	NONE	2
VERMONT	VT	13'6"	53'	41'	-
VIRGINIA	VA	13'6"	53'	41'	2
WASHINGTON	WA	14	53'	NONE	-
WEST VIRGINIA	WV	13'6"	53'	**37'	SEE NOTES
WISCONSIN	WI	13'6"	53'	43'	1
WYOMING	WY	14	57'	NONE	-

Diagram 1

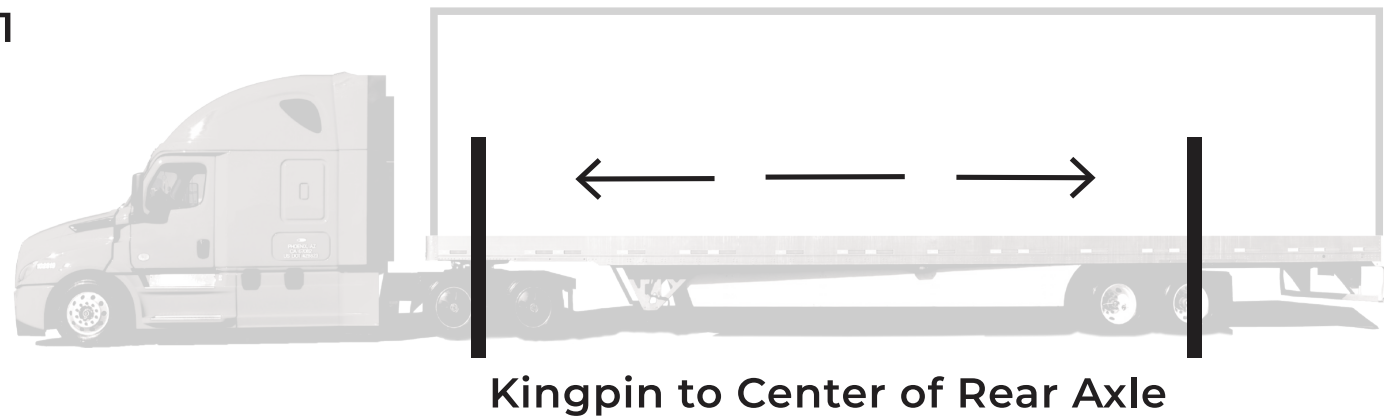
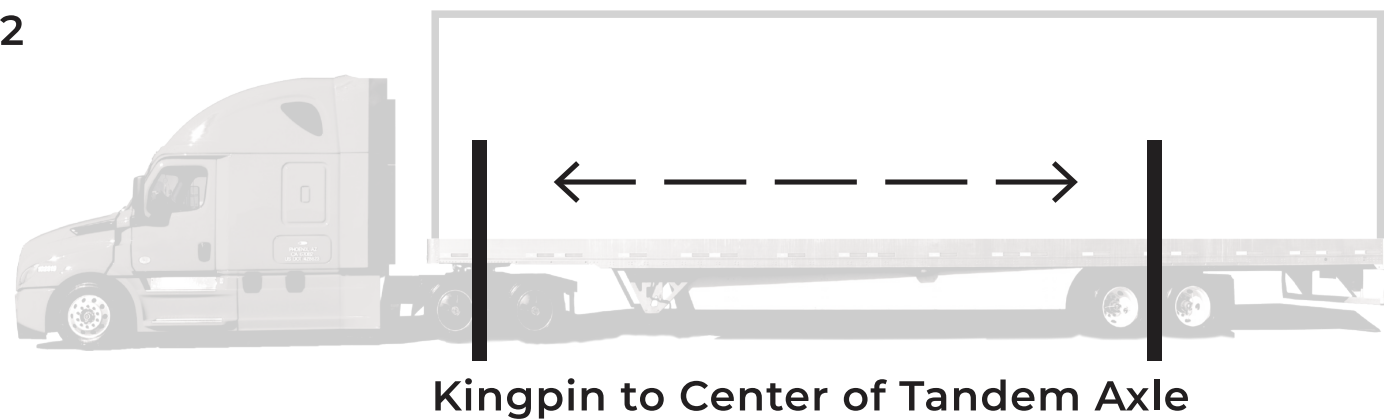


Diagram 2



\* 36' minimum only applies in NC if load is 34,000 on tandems or drive tires.  
No minimum length if axle weights are lower than 34,000

\*\*37' in West Virginia is measured from the back of the drive tires to the front of the trailer tires.

**ALWAYS, double check state regulations via the web whenever possible.  
State laws change constantly and it is your responsibility to know the law  
in each state you pass through.**