

# Axle Spacing Calculator Help

# Axle Spacing Calculator

- Helpful tool for knowing the weight limitations of a vehicle combination or single unit.
- An axle spacing report number is required for each overweight permit
- The report number will be assigned to the configuration

The distance between each axle

How many tires per axle

Tire size of all two-tire axles

### Axle Spacing Report

Axle Spacing Report No.  [Look Up](#) [Calculate](#) [Search](#) [Clear](#) [Save](#) [Print](#) [Void](#) [Return](#)

Enter an Axle Spacing Report number above and click [Look Up](#).  
Or, enter axle spacing, tires per axle and tire sizes and click [Calculate](#) and then [Save](#) for a new Axle Sp

Axle No.	1	2	3	4	5	6	7	8	9	10
Axle Spacing (ft.)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tires per Axle	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tires Size (in. or mm)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Steer Axle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drop Axle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permitted Weight (see Remarks)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Total Permitted  Legal Weight  [More Axles](#) [Less](#)

Axle Restriction and Remarks for Permitted Weights

Indicate if there are any drop axles and if it is a self steering drop axle



## Vehicle Size & Weight Permits

### Axle Spacing Report

Axle Spacing Report No.  [Look Up](#) [Calculate](#) [Search](#) [Clear](#) [Save](#) [Print](#) [Yield](#) [E](#)

Enter an Axle Spacing Report number above and click Look Up.  
Or, enter axle spacing, tires per axle and tire sizes and click Calculate and then Save for a new A

Dashes indicate feet and inches

Axle No.	1	2	3	4	5	6	7	8
Axle Spacing (ft.)	13-6	4-6	33-6	4-6	4-6			
Tires per Axle	2	4	4	4	4	4	Cnt	Cnt
Tires Size (in. or mm)	11							
Steer Axle		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drop Axle		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permitted Weight								

- When inputting tire size, do not use alpha characters.
- The first number indicates tire width
- An 11R 22.5 tire should be listed as, "11"





# Axle Spacing Report - Details

- The detail will show both permit weight and legal weight.
- The program will show the max allowed per single axle, group axles, and gross axles.

[Hide Detail](#)

Number of Axles: 3  
 Length: 25.08 ft.  
 Total Permitted: 56,200 lbs. = 1 (13200) + 2-3 (43000)  
 Legal Allowed: 47,200 lbs. = 1 (13200) + 2-3 (34000)

Axle(s)	Span (ft.)	Permitted Weight lbs.
1		13,200
1-2	20.00	35,200 = 1 (13200) + 2 (22000)
1-3	25.08	56,200 = 1 (13200) + 2-3 (43000)
2		22,000
2-3	5.08	43,000
3		22,000

Axle(s)	Span (ft.)	Legal Weight lbs.
1		13,200
1-2	20.00	33,200 = 1 (13200) + 2 (20000)
1-3	25.08	47,200 = 1 (13200) + 2-3 (34000)
2		20,000
2-3	5.08	34,000
3		20,000

Last modified on 2/29/2008