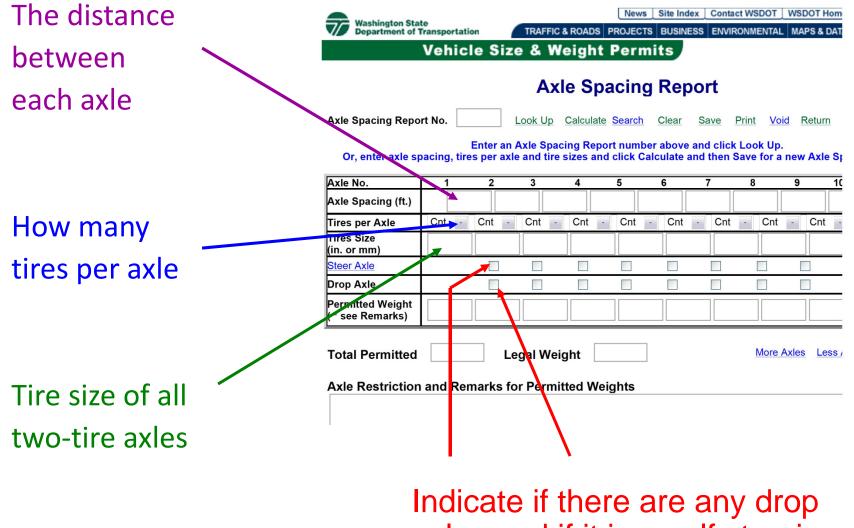
## Axle Spacing Calculator Help

## **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



axles and if it is a self steering drop axle

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Department of	of Transportation					TRAFFIC & ROADS PROJECTS BUSINESS ENVIRONMENTAL MAPS							5					
	ve	nici	e	Size	÷ č.	we	ig	nt P	'er	mit	s							
	Axle Spacing Report								Dashes									
Axle Spacing Repo	ort No				<u>Look</u>	Up g	<u>Calc</u>	ulate	<u>Sear</u>	<u>ch</u>	<u>Clea</u>	r s	<u>ave E</u>	<u>rint</u>	<u>Void</u>		indicate f	- Det
Or, enter axle sp	pacing												click L hen Sa			Ľ	and inch	
Axle No.		1		2		3		4		5		6	7		8			
Axle No. Axle Spacing (ft.)		<b>1</b> 13-6	¥	<b>2</b> 4-6	<u></u>	<b>3</b> 33-6		<b>4</b> 4-6	Ę	5 4-6		6	7		8			
i	2	<b>1</b> 13-6	4	<b>2</b> 4-6	4	<b>3</b> 33-6	4	<b>4</b>   <b>4</b> −6   ▼	4	1	4	6	7 Cnt	~	8 Cnt 👻			
Axle Spacing (ft.)	2				4		4			4-6	4		7 Cnt	~				
Axle Spacing (ft.) Tires per Axle Tires Size					4		4			4-6	4		7 Cnt	✓				
Axle Spacing (ft.) Tires per Axle Tires Size (in. or mm)				~	4		4	~		4-6	4	<b>v</b>	7 Cnt		Cnt 💌			
Axle Spacing (ft.) Tires per Axle Tires Size (in. or mm) <u>Steer Axle</u>				· · ·	4		4			4-6			7 Cnt		Cnt 💌			

- 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"

 After calculating and saving the axle spacing report, a five digit axle spacing report number.\*
will be provided

• This report number will always be assigned to the combination.



		V	ehicl	e Layout			
1	2	3	4		5	6	7
0=====	==0=	=0=	=0===		====0=	=0=	=0

7 Axles - Length: 68.00 ft. - Axle Groups: 2-4, 5-7

Axle No.	1	2	3	4	5	6	7	8	9	10
Axle Spacing (ft.)	15.	00 5.0	00 5.0	00 33	.00 5.	00 5.	00			
Tires (count/size)	2/11	4	4	4	4	4	4			
Axle Type	steer									
Permitted Weight (*see Remarks)	13,200	22,000*	22,000*	22,000*	22,000*	22,000*	22,000*			
Total Permitted We	ight		Lega	l Weigh	t					

Axle Restrictions and Remarks for Permitted Weights:

Axles 2-4 NTE 65,000 lbs.

143,200

Axles 5-7 NTE 65,000 lbs.

\*\*This is the axle spacing report for the vehicle configuration described. Displayed are the legal weight limits and the maximum permitted weights allowed for this configuration.

99,200

The report number displayed at the top of this page is required for any future weight permits for this configuration.

## **Axle Spacing Report - Details**

🔠 🔻 🤿 http://www.			e Spacing Re		x	10					
	Vehic	e Size	3 W 6	ignt	Permi	ts					
			Axl	e Spa	lcing	Repo	rt				
Axle Spacing Repo	rt No.	L	ook Up <u>C</u>	alculate S	earch C	lear <u>Sa</u>	ve Help	Print			
				1 0=====		2 3 >==0					
			(3 Axles	- Length:	25.08 ft	Axle Grou	ips: )				
			-			_					
			In	SISI	Not a	Perm	It				
Vise Feet-Inches	vs. Decima	l Feet 2	3	4	5	6	7	8	9	10	
Axie No. Axle Spacing Ft-In	20	<b>2</b> 5-1	3	4	- J	0		0	3	10	
	2 -	4 -	4 -	Cnt -	Cnt -	Cnt -	Cnt	Cnt •	Cnt 👻	Cnt -	
Fires per Axle	11	4 •	4 •	Unit 🔹						Ciii 🕈	
(in. or mm)											
Steer Axle											
Drop Axle											
Permitted Weight ( * see Remarks)	13,200	22,000	22,000								
Total Permitted	56,200		jal Weigh	t 47,2	00				More Axles	s Less Av	des
Total Permitteu	,	rei	jai weigi								
Axle Restriction	and Rem	arks for	Permitted	Weight	ts						
Axles separated by I	ess than 7 f	t. Not to Ex	ceed 43,00	0 lbs.							
					now Detail						
				Last mod	lified on 2/29	2008					
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## **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.

Total Permitted:		3 25.08 ft. 56,200 lbs. = 1 (13200) + 2-3 (43000) 47,200 lbs. = 1 (13200) + 2-3 (34000)
Axle(s)	Span (ft	) Permited 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
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