



Weaver Distributing

Torsion Axle Order Form

Name _____

Address _____

Fax/Email _____

Date _____

Capacity _____ Quantity _____

Hub Face width(see diagram) _____

(Hub face widths over 92" may cause more than 102" legal width)

Bracket Orientation:

- Standard (Long leg inward)
 Reverse (Long leg outward)

Outside to outside of mounting brackets _____

Bracket profile:

- low(standard) 1" high 3" high
 side mounting kit

Brake Type:

- electric drum hydraulic drum
 beam only hydraulic disc
 idler hub

Number of lugs:

- 4 5 6 8*
 *if 8 lug, choose stud size: 1/2" 9/16" 5/8"

Diameter of lug circle: (see diagram)

- 4" 4 1/2" 4 3/4" 5" 5 1/2" 6 1/2"

Start Angle: (see diagram) _____°

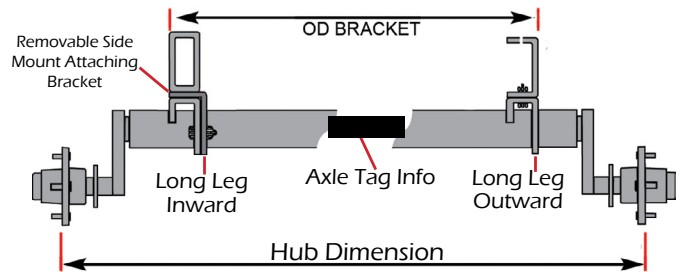
Lubrication:

- E-Z Lube grease oil bath

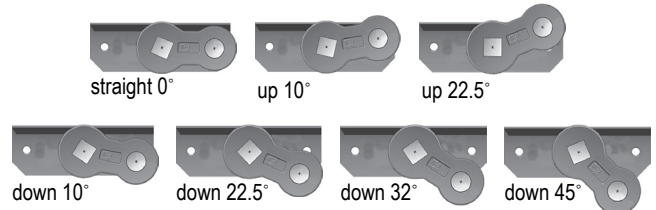
Notes: _____

Signature: _____

Prepared by: _____



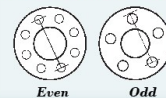
Torsion Start Angle Diagrams (unloaded)



For accurate start angle, please provide the distance from the top of the mounting bracket to the center of the spindle. Negative measurements in the chart indicate the center of the spindle will be higher than the top of the mounting bracket.

Rating	Start Angle	Low Profile			High Profile		
		Un-loaded	Rated Load	Shock Load	Unloaded	Rated Load	Shock Load
2,200	45↓	5.46	3.52	2.39	6.33	4.39	3.26
	32↓	4.40	2.21	1.04	5.27	3.08	1.91
	22.5↓	3.52	1.22	0.05	4.39	2.09	0.92
	10↓	2.26	-0.08	-1.20	3.13	0.79	-0.33
	0	1.22	-1.08	-2.11	2.09	-0.21	-1.24
	10↑	0.18	-2.00	-2.93	1.05	-1.13	-2.06
3500	22.5↑	-1.08	-3.02	-3.77	-0.21	-2.15	-2.90
	45↓	5.73	3.79	2.66	6.55	4.61	3.48
	32↓	4.67	2.48	1.31	5.49	3.30	2.13
	22.5↓	3.79	1.49	0.32	4.61	2.31	1.14
	10↓	2.53	0.19	-0.93	3.35	1.01	-0.11
	0	1.49	-0.81	-1.84	2.31	.01	-1.02
5,200 & 6,000	10↑	0.45	-1.73	-2.66	1.27	-0.91	-1.84
	22.5↑	-0.81	-2.75	-3.50	0.01	-1.93	-2.68
	45↓	6.01	4.07	2.94	6.76	4.82	3.69
	32↓	4.95	2.76	1.59	5.70	3.51	2.34
	22.5↓	4.07	1.77	0.60	4.82	2.52	1.35
	10↓	2.81	0.47	-0.65	3.56	1.22	0.10
7000	0	1.77	-0.53	-1.56	2.52	0.22	-0.81
	10↑	0.73	-1.45	-2.38	1.48	-0.70	-1.63
	22.5↑	-0.53	-2.47	-3.22	0.22	-1.72	-2.47
	45↓	6.24	4.30	3.17	6.99	5.05	3.92
	32↓	5.18	2.99	1.82	5.93	3.74	2.57
	22.5↓	4.30	2.00	0.83	5.05	2.75	1.58
7000	10↓	3.04	0.70	-0.42	3.79	1.45	0.33
	0	2.00	-0.30	-1.33	2.75	0.45	-0.58
	10↑	0.96	-1.22	-2.15	1.71	-0.47	-1.40
	-22.5↑	-0.30	-2.24	-2.99	0.45	-1.49	-2.24

How to Measure Bolt Circle Pattern



Even... measure from center of stud to center of stud directly across diameter.
 Odd... measure from any bolt center to the outside of the second stud.