



MCKELVEYENTERPRISES.COM

Product Catalog



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Section A

Axles and Components

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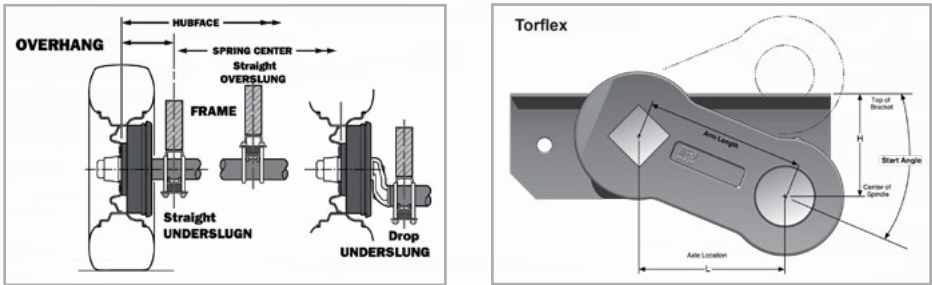
AXLE ORDERING AND MEASUREMENTS

A

Accurate measurement of your axle is important to ensure you get exactly what is needed to get the job done right. The following information is intended to assist you in selecting the correct axle for your particular needs. If you have questions or need further assistance, we have a team of experienced sales associates to point you in the right direction and assist with any questions you may have.

McKelvey Enterprises offers 3 types of axles from Dexter:

- **Straight** - Straight square or round bar
- **Drop** - Offset spindles drop slightly lower than straight bar
- **Torsion (Torflex®)** - Torsion arm type suspension that is completely contained in the axle tube

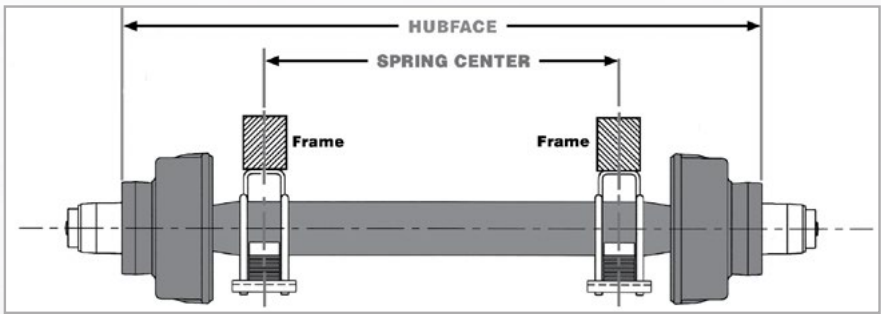


How to measure your Axle

There are several methods that can be used to measure an axle accurately. McKelvey Enterprises recommends that axles be measured using the following methods:

Hub Face to Hub Face (Track) Measurement - This is done by measuring from the front of one hub to the front of the opposite hub. Do not measure from the back of the hub because your measurement will be incorrect.

Spring Center to Spring Center Measurement - Measure from one spring center to the other spring center. Correct measurement is crucial for installation.



Flange to Flange Measurement - This method should be used if the hubs are not on the axle. This is measured from the outer surface of the flange to the same location on the opposite side of the axle.



Equation Chart for Flange to Flange Measurements	
Axle Model	Equation
2K	Hub Face = Outside of flanges + 6.90
3.5K	Hub Face = Outside of flanges + 6.34
5.2K - 7K	Hub Face = Outside of flanges + 8.73
7.2K	Hub Face = Outside of flanges + 7.54
8K	Hub Face = Outside of flanges + 9.09
9K, 10K Gen. Duty	Hub Face = Outside of flanges + 13.50
10K Heavy Duty	Hub Face = Outside of flanges + 14.35
12K High Profile	Hub Face = Outside of flanges + 15.27
15K	Hub Face = Outside of flanges + 17.45

AXLES AND COMPONENTS

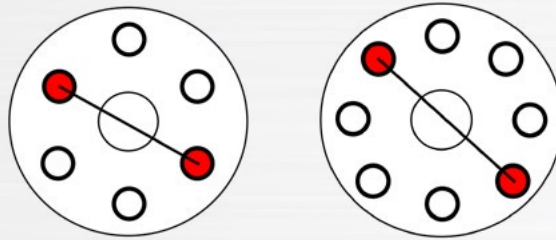
AXLE ORDERING AND MEASUREMENTS

Bolt Pattern Measurement

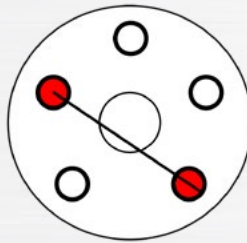
Determining the bolt pattern on your trailer:

Trailer wheel bolt patterns are defined by the number of bolts (lugs) per wheel and the diameter of the circle that the bolts are arranged on. For instance, a 5 - 5.50" bolt pattern is a hub with 5 bolts (lugs) evenly spaced on a 5.50" diameter circle.

If your trailer wheel has an **even** number of bolts (lugs), measure from the center of one bolt to the center of the bolt directly across with a tape measure.

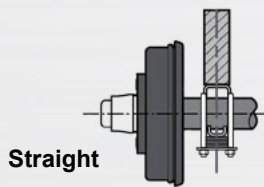


If your trailer wheel has 5 bolts (lugs), measure from the back edge of one bolt to the center of the bolt directly across. Always skip one bolt between when measuring.

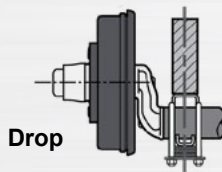


Spindle Options

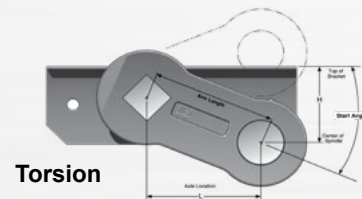
Sprung axles are available with straight or drop spindles.
Torsion (Torflex®) axles use angles on a torsion arm.



Straight



Drop



Torsion

Brake Options



Electric



Drum



Disc

AXLE ORDERING AND MEASUREMENTS

Axle Part Numbers

Sprung Axles

Example Part #: **550188**

550 = Bolt Pattern **1** = Brake Type **88** = Track Dimension (add 1" for hub face)

Bolt Patterns	
Number	Type
440	4 - 4.00"
545	5 - 4.50"
5475	5 - 4.75"
550	5 - 5.00"
555	5 - 5.50"
655	6 - 5.50"
660	6 - 6.00"
865	8 - 6.50"
880	8 - 8.00"

Brake Type Options	
Number	Type
1	Idler
2	Electric
3	Hydraulic Drum
4	Hydraulic Disc
5	Air



Torflex Axles

Example Part #: **12294**

12 = #12 Capacity **2** = Brake Type **94** = Track Dimension (add 1" for hub face)

Capacity	
Number	Capacity (lbs)
#9	2200
#10	3500
#11	6000
#12	7000
#13	8000
T100	10000
T1200	12000

Brake Type Options	
Number	Type
1	Idler
2	Electric
3	Hydraulic Drum
4	Hydraulic Disc



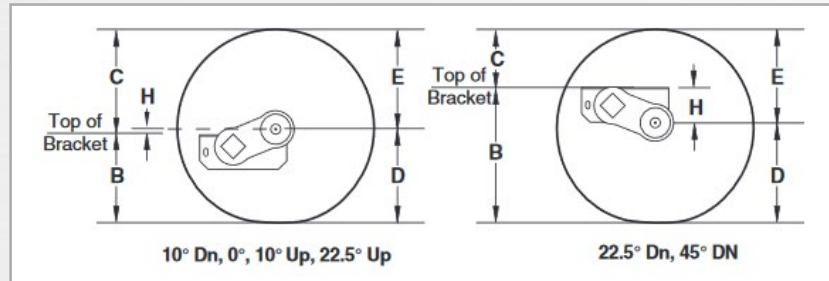
2000 LBS CAPACITY

Bolt Pattern	Straight Axle Tube	Drop Axle Tube	Hydraulic Brake	Electric Brake	Stud	Spindle
4 - 4.00"	13/4"	23/8"	N/A	N/A	1/2"	1-1/16"
5 - 4.50"	13/4"	23/8"	7" x 13/4"	7" x 11/4"	1/2"	1-1/16"

Torflex® Application Information

Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .88" higher. Side mount is .18" higher.
Allow 3" bump clearance from full load.

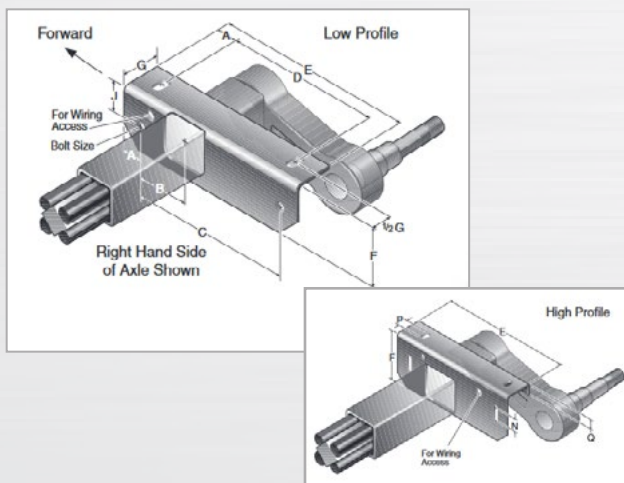


Start Angle

Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
ST175/80R13	11.2	12.0	3.5	14.7	8.5	11.2	12.0	2.2	13.4	9.8	1.2	12.4	10.8
4.80 - 8	7.9	8.8	3.5	11.4	5.3	7.9	8.8	2.2	10.1	6.6	1.2	9.1	7.6
4.80 - 12	9.5	10.8	3.5	13.0	7.3	9.5	10.8	2.2	11.7	8.6	1.2	10.7	9.6
20.5 x 8.0 - 10	9.7	10.8	3.5	13.2	7.3	9.7	10.8	2.2	11.9	8.6	1.2	10.9	9.6

Columns D and E are dimensional examples only. D - Static Loaded Radius E - Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
ST175/80R13	-0.1	11.1	12.1	-1.1	10.1	13.1	-2.0	9.2	14.0	-3.0	8.2	15.0
4.80 - 8	-0.1	7.8	8.9	-1.1	6.8	9.9	-2.0	5.9	10.8	-3.0	4.9	11.8
4.80 - 12	-0.1	9.4	10.9	-1.1	8.4	11.9	-2.0	7.5	12.8	-3.0	6.5	13.8
20.5 x 8.0 - 10	-0.1	9.6	10.9	-1.1	8.6	11.9	-2.0	7.7	12.8	-3.0	6.7	13.8



#9 Bracket Dimensions

	Low	High
A	1.00	1.00
B	2.38	2.38
C	8.00	8.00
D	7.75	7.75
E	10.00	10.00
F	2.88	3.75
G	2.00	2.00
J	1.57	1.57
N	---	.86
P	.94	.94
Q	1.00	1.00
Bolt Size	1/2" bolt	
Tube Size	2.17	2.17

#9 Overhang Per Side

Spindle	Min.	Max.
Short	6.00"	10.90"
Standard	6.50"	10.90"

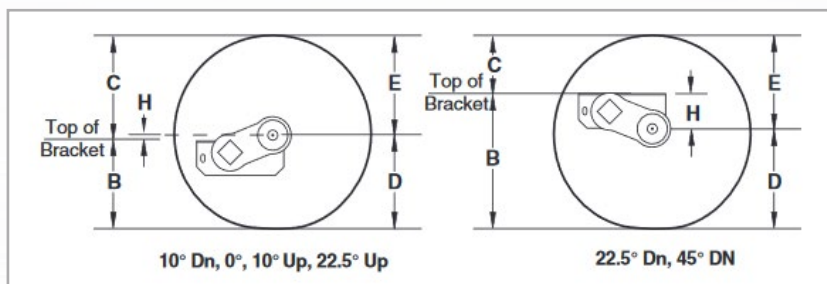
3500 LBS CAPACITY

Bolt Pattern	Axle Tube	Drop	Brake	Stud	Spindle
5 - 4.50"	2 3/8"	4" or 6"	10 x 2-1/4"	1/2"	#84
5 - 4.75"	2 3/8"	4" or 6"	10 x 2-1/4"	1/2"	#84
5 - 5.00"	2 3/8"	4" or 6"	10 x 2-1/4"	1/2"	#84
5 - 5.50"	2 3/8"	4" or 6"	10 x 2-1/4"	1/2"	#84
6 - 5.50"	2 3/8"	4" or 6"	10 x 2-1/4"	1/2"	#84

Torflex® Application Information

Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .82" higher. Side mount is .18" higher.
Allow 3" bump clearance from full load.

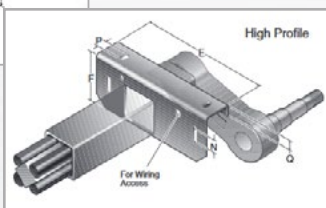
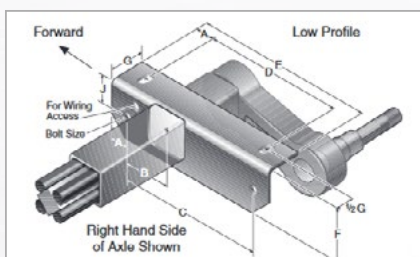


Start Angle

Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
ST175/80R13	11.2	12.0	3.8	15.0	8.2	11.2	12.0	2.5	13.4	9.5	1.5	12.7	10.5
ST205/75R14	12.1	13.1	3.8	15.9	9.3	12.1	13.1	2.5	14.6	10.6	1.5	13.6	11.6
ST225/75R15	13.0	14.4	3.8	16.8	10.6	13.0	14.4	2.5	15.5	11.9	1.5	14.5	12.9

Columns D and E are dimensional examples only. D - Static Loaded Radius E - Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
ST175/80R13	0.2	11.4	11.8	-0.8	10.4	12.8	-1.7	9.5	13.7	-2.8	8.4	14.8
ST205/75R14	0.2	12.3	12.9	-0.8	11.3	13.9	-1.7	10.4	14.8	-2.8	9.3	15.9
ST225/75R15	0.2	13.2	14.2	-0.8	12.2	15.2	-1.7	11.3	16.1	-2.8	10.2	17.2



#10 Bracket Dimensions

	Low	High
A	1.00	1.00
B	2.50	2.50
C	8.00	8.00
D	8.00	8.00
E	10.00	10.00
F	3.43	4.25
G	2.50	2.50
J	1.62	1.62
N	---	1.03
P	---	1.00
Q	---	1.00
Bolt Size	5/8" bolt	
Tube Size	2.62	2.62

Overhang Per Side

Spindle	Min.	Max.	Max. Capacity
#10 Standard w/Drum	6.30"	11.80"	3500
#10 w/Disc Brake	6.56"	11.80"	3500
#10F w/Drum	6.30"	10.50"	4000
#10L w/Drum	5.88"	13.76"	3000

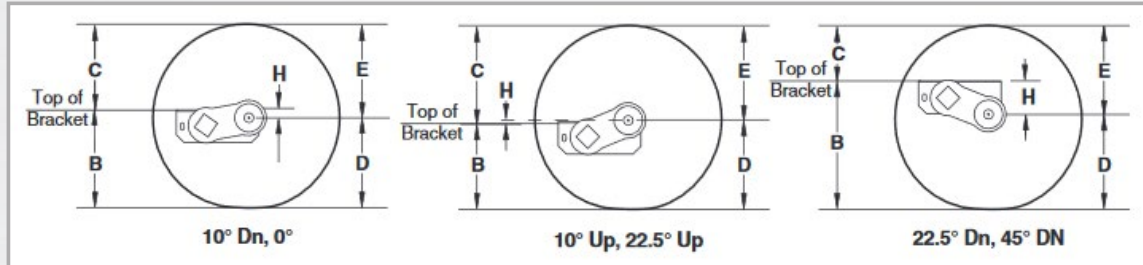
5200 LBS CAPACITY

Bolt Pattern	Axle Tube	Drop	Brake	Stud	Spindle
6 - 5.50"	3"	4"	12 x 2"	1/2"	#42
6 - 6.00"	3"	4"	12 x 2"	1/2"	#42

Torflex® Application Information

Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .25" higher.
Allow 3" bump clearance from full load.

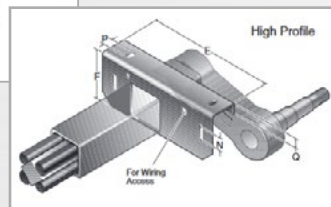
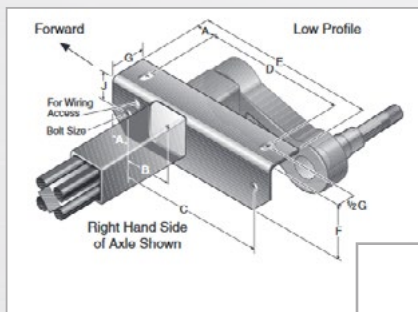


Start Angle

Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
ST225/75R15	13.0	14.4	4.1	17.1	10.3	13.0	14.4	2.8	15.8	11.6	1.8	14.8	12.6
LT235/85R16	14.3	15.4	4.1	18.4	11.3	14.3	15.4	2.8	17.1	12.6	1.8	16.1	13.6
LT225/75R16	13.5	14.9	4.1	17.6	10.8	13.5	14.9	2.8	16.3	12.1	1.8	15.3	13.1
8.75R16.5LT	13.8	14.8	4.1	17.9	10.7	13.8	14.8	2.8	16.6	12.0	1.8	15.6	13.0

Columns D and E are dimensional examples only. D - Static Loaded Radius E - Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
ST225/75R15	0.5	13.5	13.9	-0.5	12.5	14.9	-1.5	11.5	15.9	-2.5	10.5	16.9
LT235/85R16	0.5	14.8	14.9	-0.5	13.8	15.9	-1.5	12.8	16.9	-2.5	11.8	17.9
LT225/75R16	0.5	14.0	14.4	-0.5	13.0	15.4	-1.5	12.0	16.4	-2.5	11.0	17.4
8.75R16.5LT	0.5	14.3	14.3	-0.5	13.3	15.3	-1.5	12.3	16.3	-2.5	11.3	17.3



#11 Bracket Dimensions

	Low	High
A	.75	.75
B	3.50	3.50
C	9.50	9.50
D	9.00	9.00
E	11.00	11.00
F	3.91	4.66
G	2.50	2.50
J	1.83	1.83
N	---	1.03
P	---	1.00
Q	---	1.00
Bolt Size	5/8" bolt	
Tube Size	3.03	3.03

#11 Overhang Overall

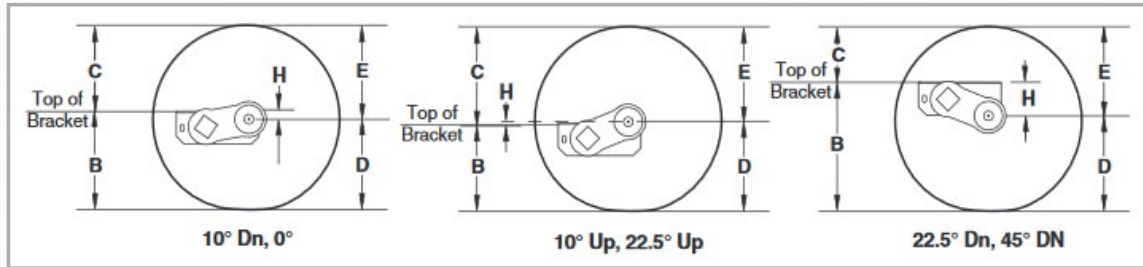
Spindle	Min.	Max.
Short	14.00"	20.44"
Short - Disc	14.25"	20.50"
Standard	15.00"	20.44"
Standard - Disc	15.00"	20.50"

7000 LBS CAPACITY					
Bolt Pattern	Axle Tube	Drop	Brake	Stud	Spindle
8 - 6.50"	3"	4"	12 x 2"	1/2", 9/16", 5/8"	#42

Torflex® Application Information

Full Load Dimensions

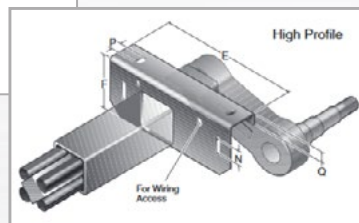
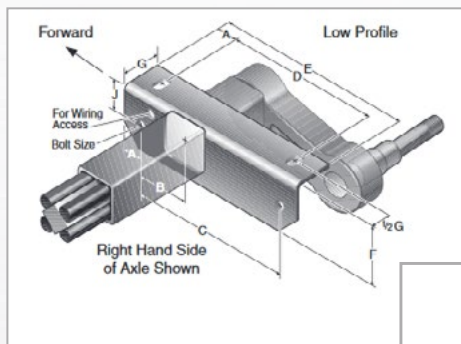
Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher.
Allow 3" bump clearance from full load.



Start Angle													
Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
LT235/85R16	14.3	15.4	4.3	18.6	11.1	14.3	15.4	3.0	17.3	12.4	2.0	16.3	13.4
215/75R17.5	14.0	15.3	4.6	18.6	10.7	14.0	15.3	3.2	17.2	12.1	2.3	16.3	13.0

Columns D and E are dimensional examples only. D - Static Loaded Radius E - Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
LT235/85R16	0.7	15.0	14.7	-0.3	14.0	15.7	-1.2	13.1	16.6	-2.5	12.1	17.6
215/75R17.5	1.0	15.0	14.3	-0.1	13.9	15.4	-1.0	13.0	16.3	-2.0	12.0	17.3



#12 Bracket Dimensions		
	Low	High
A	1.25	1.25
B	3.50	3.50
C	9.50	9.50
D	9.00	9.00
E	12.00	12.00
F	4.37	5.12
G	2.50	2.50
J	2.06	2.06
N	---	1.03
P	---	1.00
Q	---	1.00
Bolt Size	5/8" bolt	
Tube Size	3.50	3.50

#12 Overhang Overall		
Spindle	Min.	Max.
Short	14.00"	30.40"
Standard	15.00"	30.40"

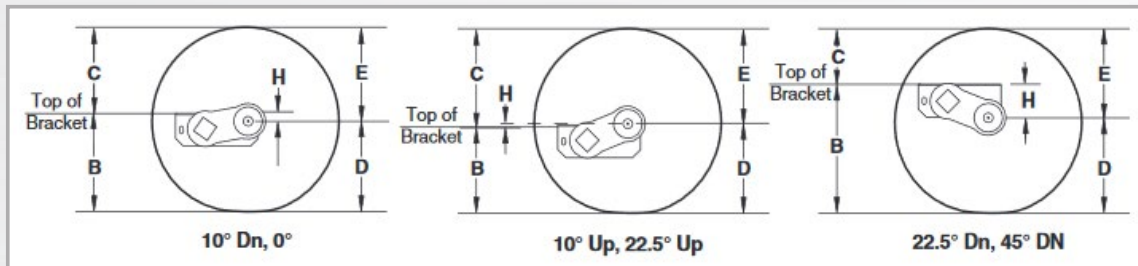
8000 LBS CAPACITY

Bolt Pattern	Axle Tube	Drop	Brake	Stud	Spindle
8 - 6.50"	3 1/2"	4"	12 1/4" x 2 1/2" 12 1/4" x 3 3/8"	9/16" or 5/8"	#42 X-Flange

Torflex® Application Information

Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher.
Allow 3" bump clearance from full load.

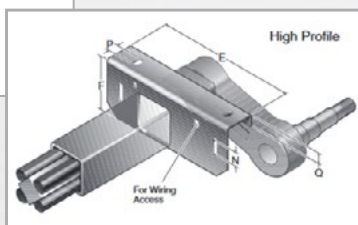
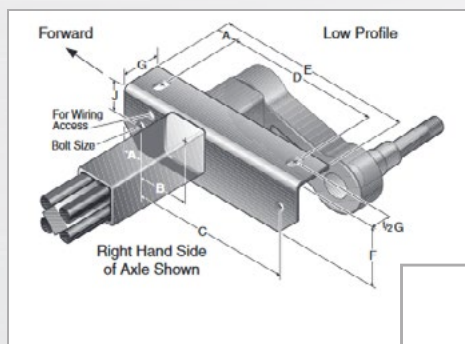


Start Angle

Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
LT235/85R16	14.3	15.4	4.3	18.6	11.1	14.3	15.4	3.0	17.3	12.4	2.0	16.3	13.4
215/75R17.5	14.0	15.3	4.6	18.6	10.7	14.0	15.3	3.2	17.2	12.1	2.3	16.3	13.0

Columns D and E are dimensional examples only. D - Static Loaded Radius E - Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
LT235/85R16	0.7	15.0	14.7	-0.3	14.0	15.7	-1.2	13.1	16.6	-2.5	12.1	17.6
215/75R17.5	1.0	15.0	14.3	-0.1	13.9	15.4	-1.0	13.0	16.3	-2.0	12.0	17.3



#13 Bracket Dimensions

	Low	High
A	1.22	1.22
B	3.63	3.63
C	10.56	10.56
D	10.56	10.56
E	13.00	13.00
F	4.81	5.50
G	2.50	2.50
J	2.25	2.25
L	7.26	7.26
P	---	1.00
Q	---	1.00
Bolt Size	5/8" bolt	
Tube Size	3.88	3.88

#13 Overhang Overall

Spindle	Min.	Max.
Short	17.00"	43.00"
Standard	18.00"	43.00"

#13N Overhang Overall

Spindle	Min.	Max.
Standard	14.15"	16.95"

10,000 LBS CAPACITY

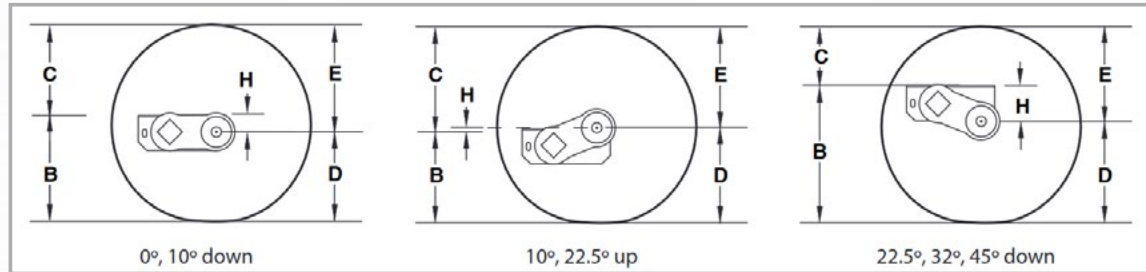
Bolt Pattern	Axle Tube	Type	Brake	Spring Width	Stud	Spindle
8 - 6.50"	5"	General Duty	12 1/4" x 3 3/8"	2 1/2"	5/8"	#99
8 - 6.50"	5"	Heavy Duty	12 1/4" x 4"	3"	5/8"	#120

Torflex® Application Information

Full Load Dimensions

Dimensions are for high profile, top mount only. Side mount is .31" higher.

Allow 3" bump clearance from full load.

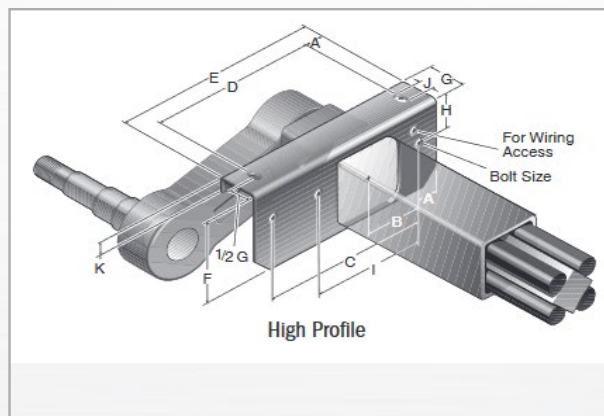


Start Angle

Tire	45° Down					32° Down			22.5° Down		
	D	E	H	B	C	H	B	C	H	B	C
LT235/85R16	14.3	15.4	5.2	19.5	10.2	3.9	18.2	11.4	2.9	17.2	12.5
215/75R17.5	14.0	15.3	5.2	19.2	10.1	3.9	17.9	11.3	2.9	16.9	12.4
235/75R17.5	14.3	15.7	5.2	19.5	10.5	3.9	18.2	11.7	2.9	17.2	12.8

Columns D and E are dimensional examples only. D - Static Loaded Radius E - Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
LT235/85R16	1.6	15.9	13.8	0.6	14.9	14.8	-0.3	14.0	15.7	-1.3	13.0	16.7
215/75R17.5	1.6	15.6	13.7	0.6	14.6	14.7	-0.3	13.7	15.6	-1.3	12.7	16.6
235/75R17.5	1.6	15.9	14.1	0.6	14.9	15.1	-0.3	14.0	16.0	-1.3	13.0	17.0



#13D & #13G Bracket Dimensions

A	1.22
B	3.63
C	10.56
D	10.56
E	13.00
F	5.50
G	2.50
J	2.25
L	7.26
P	1.00
Q	1.00
Bolt Size	5/8" bolt
Tube Size	3.88

Overhang Per Side

Spindle	Min.	Max.	Brake
#13D	12.25"	17.20"	12 1/4" x 4"
#13G one-piece	10.11"	17.20"	12 1/4" x 3 3/8"
#13G two-piece	11.35"	17.20"	12 1/4" x 3 3/8"

Note: Dual wheel not available for #13G one-piece. One-piece hub and drum is not interchangeable with the two-piece hub and drum.

12,000 LBS CAPACITY

Bolt Pattern	Axle Tube	Type	Brake	Spring Width	Stud	Spindle
8 - 6.50"	5"	Heavy Duty	12 1/4" x 5"	3"	5/8"	#120

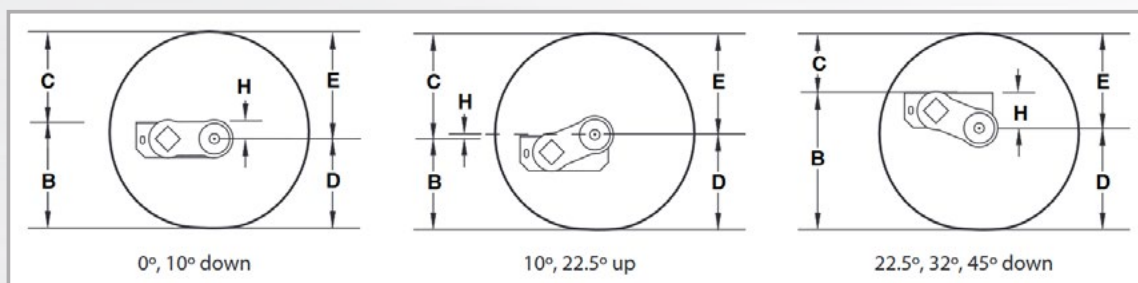
15,000 LBS CAPACITY

Bolt Pattern	Axle Tube	Type	Brake	Spring Width	Stud	Spindle
8 - 275mm	5"	Heavy Duty	12 1/4" x 5"	3"	5/8"	#120

Note: 15K axle not available in Torflex.

Torflex® Application Information

Full Load Dimensions

**Start Angle**

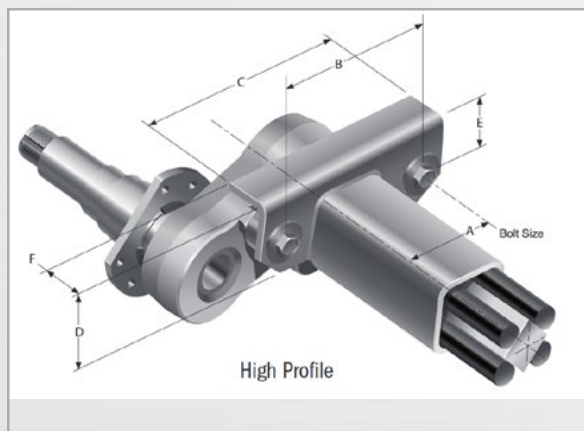
Tire	45° Down					32° Down			22.5° Down		
	D	E	H	B	C	H	B	C	H	B	C
LT235/85R16	14.3	15.4	5.7	20.0	9.7	4.4	18.7	11.0	3.4	17.7	12.0
215/75R17.5	14.0	15.3	5.7	19.7	9.6	4.4	18.4	10.9	3.4	17.4	11.9
235/75R17.5	14.3	15.7	5.7	20.0	10.0	4.4	18.7	11.3	3.4	17.7	12.3

Columns D and E are dimensional examples only. D - Static Loaded Radius E - Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
LT235/85R16	2.1	16.4	13.3	1.1	15.4	14.3	-0.2	14.5	15.2	-0.8	13.5	16.2
215/75R17.5	2.1	16.1	13.2	1.1	15.1	14.2	-0.2	14.2	15.1	-0.8	13.2	16.1
235/75R17.5	2.1	16.4	13.6	1.1	15.4	14.6	-0.2	14.5	15.5	-0.8	13.5	16.5

#14 Bracket Dimensions

A	4.50
B	9.00
C	12.00
D	4.50
E	2.44
F	2.50
Bolt Size	3/4" bolt
Tube Size	4.25

**Overhang Per Side**

Spindle	Min.	Brake
#14	12.75"	12 1/4" x 5"
#14T	9.89"	12 1/4" x 3 3/8"
#14	9.19"	Disc

Note: One-piece hub and drum is not interchangeable with the two-piece hub and drum.

22,500 & 27,500 LBS CAPACITY AXLE

Models and Capacities

Beam Capacity **

Model No.	Beam	Brake	Highway w Leaf Springs	Air Ride Suspension
D-2L12	5" Light Wall	12 1/4" x 7 1/2"	22,500 Lbs.	N/A +
D-2M12	5" Medium Wall	12 1/4" x 7 1/2"	25,000 Lbs.	22,500 Lbs.
D-2H12	5" Heavy Wall	12 1/4" x 7 1/2"	27,500 Lbs.	25,000 Lbs.
D-2L16	5" Light Wall	16 1/2" x 7"	22,500 Lbs.	N/A +
D-2M16	5" Medium Wall	16 1/2" x 7"	25,000 Lbs.	22,500 Lbs.
D-2H16	5" Heavy Wall	16 1/2" x 7"	27,500 Lbs.	25,000 Lbs.

** Allowable use of axle capacity ratings (type of service and track/spring center overhang dimension, etc) and components vary with application.

+ Light wall tube on models D-2L12 and D-2L16 is **not** approved for axles equipped with air ride suspensions.

Available Axle Tracks

Tracks are available from 48" to 124"

Brake Performance

The following brake models meet or exceed requirements set forth by Federal Motor Vehicle Safety Standards 121 when tested under the following conditions:

Brake Size	Wheel Load *(lbs.)	Rolling Radius (in.)	A.L. Factor (consisting of)
12 1/4" x 7 1/2"	10,000	15.7	Type 30 A/C 6" Slack Adjuster
16 1/2" x 7"	12,500	19.6	Type 30 A/C 6" Slack Adjuster

* Wheel Load per wheel end

The permitted use of axles and components, including the capacity ratings that are shown, vary with application and type of service. The capacities indicated for tires, wheels and axles should be use for general guidelines only.

SPINDLES

ROUND E-Z Lube® SPINDLES

Part Number	Diameter	Type	Flange	Capacity (lbs)
2-160-21	1.25"	D20	-	1000
2-162-22	1.75"	#84	4	1750
2-161-22	2.25"	#42	5	3000



2-160-21



2-162-22

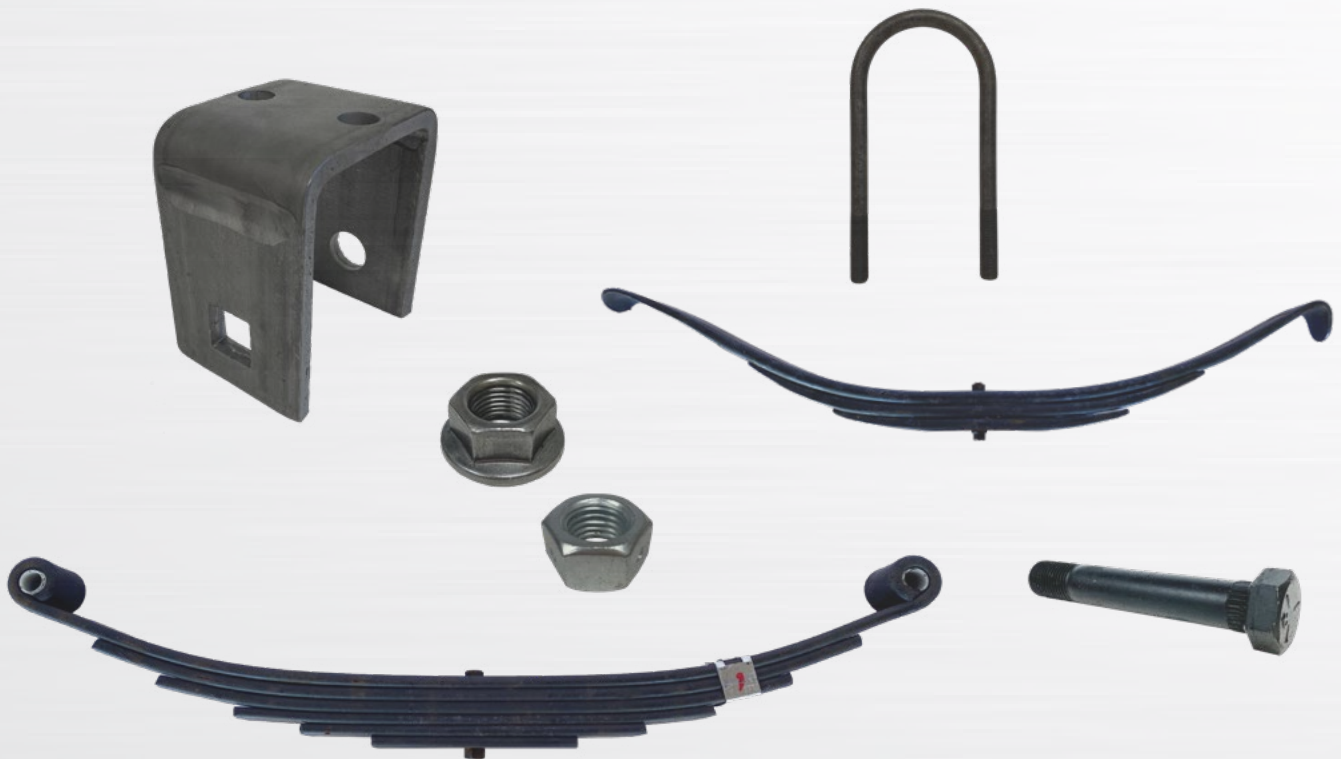


2-161-22

Section B

Suspensions and Components

Hangers, Equalizer Bars, U-Bolts	B-1
Tie Plates, Suspension Bolts, Suspension Nuts	B-2
Double Eye, Slipper, Tandem Dual Springs	B-2, B-3
Bushings, Spring Seats	B-3
10K Suspension Components	B-4
10K HD - 15K Suspension Components	B-5
HDSS Suspension Components.....	B-6



SUSPENSIONS AND COMPONENTS

HANGERS

Part Number	Spring Width	Working Height	Overall Height	Bolt Size	Material
41013	1.75"	1.5"	2 1/8"	9/16	4 ga
93003-3X	1.75"	1.25"	2 1/4"	9/16	4 ga
28-1	1.75"	2.50"	3"	9/16	4 ga
28-5	1.75"	3.25"	3 7/8"	9/16	4 ga
30-37	1.75"	-	1 1/4"	9/16	4 ga
72-1584-3	2"	3.75"	4 1/4"	9/16	5/16
72-1586-3	2"	3.50"	4 1/2"	7/8	3/8
72-1585-3	2"	5"	6"	9/16	5/16
18-11	-	2 5/8"	4"	9/16	4 ga
18-12	-	3 1/8"	4 1/2"	9/16	4 ga



18-12



18-11



30-37



72-1585-3



41013



93003-3X



28-1



28-5



72-1586-3

EQUALIZER BARS

Part Number	Description
E1	Cast Equalizer Bar; 7.75" long with 9/16" Nylon Bushings; 1 3/4" Springs
EQ-104	Cast Equalizer Bar; 5.75" long with 9/16" Nylon Bushings; 1 3/4" Springs
EQ-310	Cast Equalizer Bar; 6.06" long with 9/16" Nylon Bushings; 4" Tall; 1 3/4" Springs
5541	Equalizer Bar for 2" Slipper Spring
14-54	Nylon Bushing; 9/16"
14-90	Nylon Bushing; 7/8" for 5541 Equalizer



E1



EQ-104



EQ-310



5541



14-90



14-54

U-BOLTS

Part Number	Tube Size	Diameter	Length
11-54	1.75"	3/8 - 24	4.03"
11-2	2.00"	9/16 - 18	5.75"
11-21	2.38"	1/2 - 20	5.50"
11-18	3.00"	1/2 - 20	7.05"
11-916	3.00"	9/16 - 18	7.05"
11-64	4.00"	5/8 - 11	8.15"
11-77	5.00"	5/8 - 11	8.94"
11-70	5.00"	3/4 - 10	9.61"
781610	5.00"	7/8 - 14	11.75"
11-94	5.00"	3/4 - 10	11.03"



11-21



11-2

SUSPENSIONS AND COMPONENTS



12-37



12-3



7-1



7-3



7-17



6-129



6-99F



6-7



6-111



3404



3500



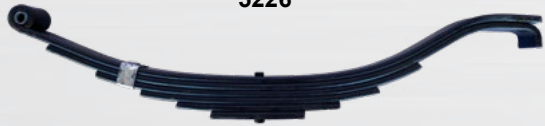
4B



W6



5226



5115

TIE PLATES

Part Number	Tube Size	Spring Width	U-Bolt
12-40	1.75"	1.75"	3/8"
12-99	2.00"	1.75"	9/16"
12-3	2.38"	1.75"	1/2"
12-2	3.00"	2.00"	1/2" or 9/16"
12-37	3.50"	2.00"	9/16"
12-42	4.00"	2.00"	5/8"
12-49	5.00"	2.50"	5/8"
12-46	5.00"	3.00"	3/4"
12-68-1	5.00"	3.00"	3/4" HDSS

SUSPENSION BOLTS

Part Number	Description	Diameter	Length
7-3	Shackle Bolt for 1.75" Springs	9/16 - 18	3.00"
7-17	Spring Eye Bolt for 2.00" Springs	9/16 - 18	3.50"
7-1	Carriage Bolt for 2.00" Equalizer	7/8 - 9	4.62"

SUSPENSION NUTS

Part Number	Type	Thread
6-129	Hex Nut	1/2 - 20
6-99F	Hex Flange Nut	1/2 - 20
6-98F	Hex Flange Nut	9/16 - 18
6-7	Hex Lock Nut	9/16 - 18
6-111	Hex Lock Nut	7/8 - 9
3500	Lock Washer for Hutch U-Bolt	7/8
3404	Nut for Hutch U-Bolt	7/8

DOUBLE EYE SPRINGS

Part Number	Leaves	Spring Width	Spring Length	Capacity (lb)
72-17	3	1.75"	20.38"	1000
4B	4	1.75"	25.25"	1750
W5	5	1.75"	25.25"	3000
W6	6	1.75"	25.25"	3500

SLIPPER SPRINGS

Part Number	Leaves	Spring Width	Spring Length	Capacity (lb)
5226	5	2.00"	26.50"	3400
5115	6	2.00"	29.50"	4000
5116	6	2.00"	26.50"	3750
72-51-1	7	2.00"	26.50"	4000

SUSPENSIONS AND COMPONENTS

TANDEM DUAL SLIPPER SPRINGS

Part Number	Leaves	Spring Width	Spring Length	Capacity (lb)	Description
72-80	5	2.50"	30.00"	5000	10K GD Dexter
72-43-1	5	3.00"	30.00"	5000	10K HD Dexter
72-44-1	6	3.00"	30.00"	6000	12K Dexter
72-45-1	7	3.00"	30.00"	7500	15K Dexter
72-48	3	3.00"	43.75"	11200	Hutch or HDSS
8131	5	2.50"	32.50"	5000	10K ALKO
8132	6	2.50"	32.50"	6250	12K ALKO



72-80



72-48

BUSHINGS

Part Number	Length	Inner Diameter	Outer Diameter	Material
14-54	1.70"	0.57"	0.69"	Nylon
14-54-1	2.20"	0.57"	1.31"	Neopreme
14-112	2.50"	0.75"	2.00"	Rubber
14-67	2.50"	0.75"	1.00"	Bronze
14-111	2.50"	0.88"	1.00"	Bronze
14-69	3.12"	1.00"	2.06"	Rubber/Steel
14-90	2.88"	0.88"	1.07"	Nylon



14-54



14-90

SPRING SEATS

Part Number	Tube Size	Width	Height	Length
3-49	1.75"	1.75"	0.63"	2.25"
3-43	2.38"	1.62"	0.62"	4.00"
3-1	3.00"	1.88"	0.62"	4.00"
3-1-02 (reinforced)	3.00"	1.88"	0.62"	4.00"
3-48	3.50"	1.88"	0.62"	4.00"
3-72	5.00"	2.50"	0.50"	6.00"
3-66	5.00"	3.00"	0.50"	6.00"



3-48



3-49



3-43

ADJUSTABLE SPRING SEATS

Part Number	Tube Size	Width	Height	Length
3-173-3	5.00"	2.50"	.50"	5.75"
3-173-1	5.00"	3.00"	.50"	5.75"
Description				
77-17	Slider Bar for 2.50" & 3.00"			
7-97	Hex Head Bolt; 1/2 - 20 X 1.75 Grade 5			



3-173-1

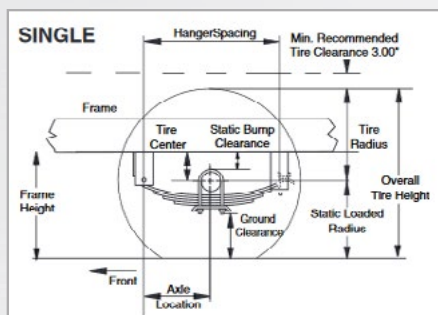


77-17

7-97

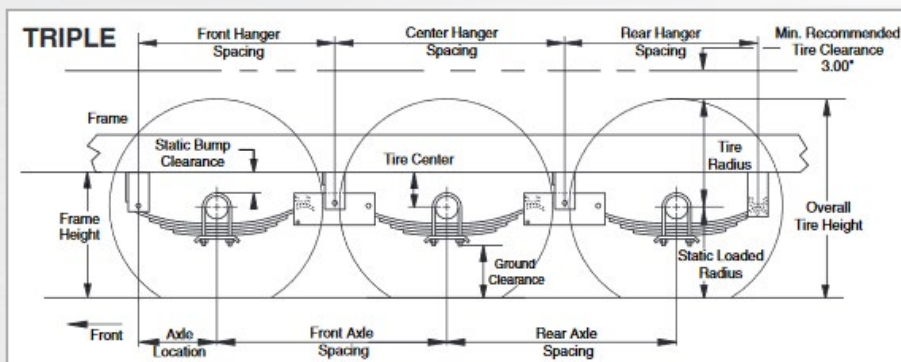
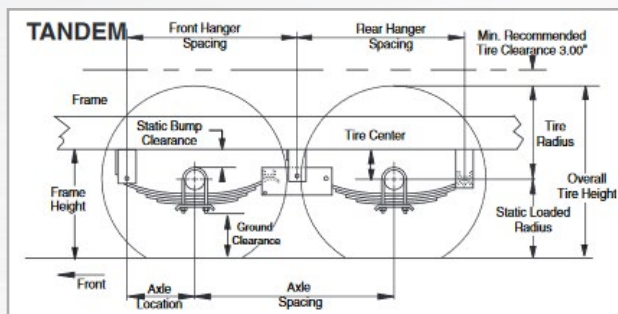
SUSPENSIONS AND COMPONENTS

Kits for 2 1/2" Wide Springs 3/4" Spring Eye Bolts



10K GD SINGLE AXLE HAP-158

Part Number	Quantity	Description
28-74-2	2	Hanger
30-61-1	2	Rear Hanger
7-264	2	Spring Eye Bolt
6-113	2	Locknut
59-203	1	Instruction Sheet
Front Hanger Spacing	27.4	
Static Bump Clearance	1.9	
Tire Center	5.0	
Axle Location	14.0	



10K GD TRIPLE AXLE

	HAP-258-1	HAP-258-2	HAP-258-3
Front Hanger Spacing	33.00	35.1	38.3
Center Hanger Spacing	38.0	42.3	48.5
Rear Hanger Spacing	32.4	34.6	37.7
Static Bump Clearance	1.7	1.7	1.7
Tire Center	4.8	4.8	4.8
Axle Location	14.0	14.0	14.0
Front Axle Spacing	38.0	42.3	48.5
Rear Axle Spacing	38.0	42.3	48.5

10K GD AXLE ASSEMBLIES

	38"	42.25"	48.50"
<i>For single axle assemblies use (1) HAP-158</i>			
Tandem	(1) HAP-158 (1) HAP-258-1	(1) HAP-158 (1) HAP-258-2	(1) HAP-158 (1) HAP-258-3
Triple	(1) HAP-158 (2) HAP-258-1	(1) HAP-158 (2) HAP-258-2	(1) HAP-158 (2) HAP-258-3
All dimensions are for underslung spring orientation only.			

10K GD TANDEM AXLE

	HAP-258-1	HAP-258-2	HAP-258-3
Front Hanger Spacing	33.0	35.1	38.3
Rear Hanger Spacing	32.4	34.6	37.7
Static Bump Clearance	1.7	1.7	1.7
Tire Center	4.8	4.8	4.8
Axle Location	14.0	14.0	14.0
Front Axle Spacing	38.0	42.3	48.5

10K GD 38" MULTI-AXLE CONVERSION KIT HAP-258-1

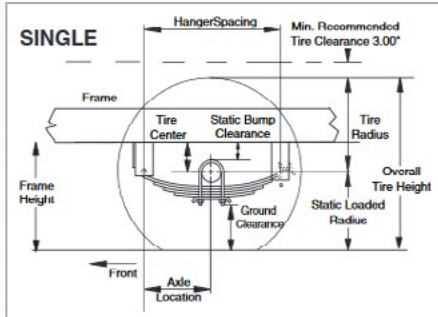
Part No	Quantity	Description
6-112	2	Locknut
6-113	2	Locknut
7-264	2	Spring Eye Bolt
7-169	2	Equalizer Bolt
13-139-3	2	Equalizer
29-42-2	2	Center Hanger
59-203	1	Instruction Sheet

10K GD 42.25" MULTI-AXLE CONVERSION KIT HAP-258-2

Part No	Quantity	Description
6-112	2	Locknut
6-113	2	Locknut
7-264	2	Spring Eye Bolt
7-169	2	Equalizer Bolt
13-139-3	2	Equalizer
29-42-2	2	Center Hanger
59-203	1	Instruction Sheet

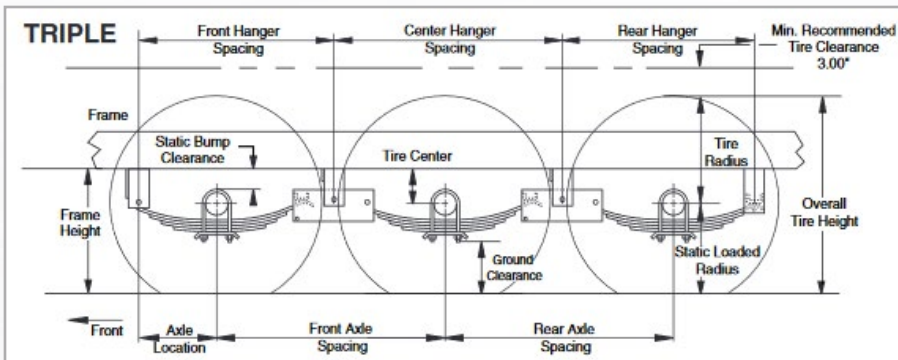
10K GD 48.5" MULTI-AXLE CONVERSION KIT HAP-258-3

Part No	Quantity	Description
6-112	2	Locknut
6-113	2	Locknut
7-264	2	Spring Eye Bolt
7-169	2	Equalizer Bolt
13-139-3	2	Equalizer
29-42-2	2	Center Hanger
59-203	1	Instruction Sheet



10-15K SINGLE AXLE HAP-103

Part Number	Quantity	Description
28-67-4	2	Front Hanger
30-66-1	2	Rear Hanger
7-169	2	Spring Eye Bolt
7-95	2	Keeper Bolt
6-46	2	Locknut
6-112	2	Locknut
59-203	1	Instruction Sheet
Front Hanger Spacing		27.4
Static Bump Clearance		2.9
Tire Center		6.0
Axle Location		14.0



10-15K TRIPLE AXLE

	HAP-203-1	HAP-203-2	HAP-203-3
Front Hanger Spacing	33.00	35.1	38.3
Center Hanger Spacing	38.0	42.3	48.5
Rear Hanger Spacing	32.4	34.6	37.7
Static Bump Clearance	2.0	2.0	2.0
Tire Center	5.1	5.1	5.1
Axle Location	14.0	14.0	14.0
Front Axle Spacing	38.0	42.3	48.5
Rear Axle Spacing	38.0	42.3	48.5

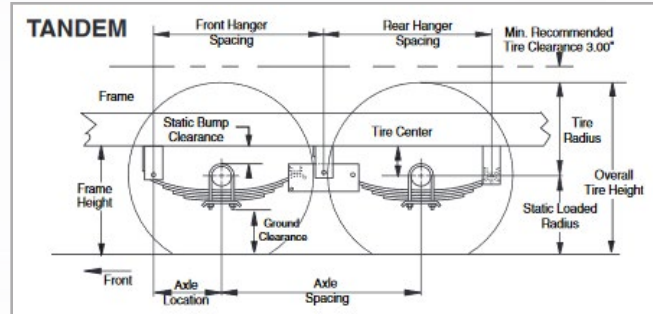
10-15K AXLE ASSEMBLIES

	38"	42.25"	48.50"
<i>For single axle assemblies use (1) HAP-103</i>			
Tandem	(1) HAP-103 (1) HAP-203-1	(1) HAP-103 (1) HAP-203-2	(1) HAP-103 (1) HAP-203-3
Triple	(1) HAP-103 (2) HAP-203-1	(1) HAP-103 (2) HAP-203-2	(1) HAP-103 (2) HAP-203-3

All dimensions are for underslung spring orientation only.

10-15K TANDEM AXLE

	HAP-203-1	HAP-203-2	HAP-203-3
Front Hanger Spacing	33.0	35.1	38.3
Rear Hanger Spacing	32.4	34.6	37.7
Static Bump Clearance	2.2	2.2	2.2
Tire Center	5.3	5.3	5.3
Axle Location	14.0	14.0	14.0
Front Axle Spacing	38.0	42.3	48.5



10-15K 48.5" MULTI-AXLE CONVERSION KIT HAP-203-3

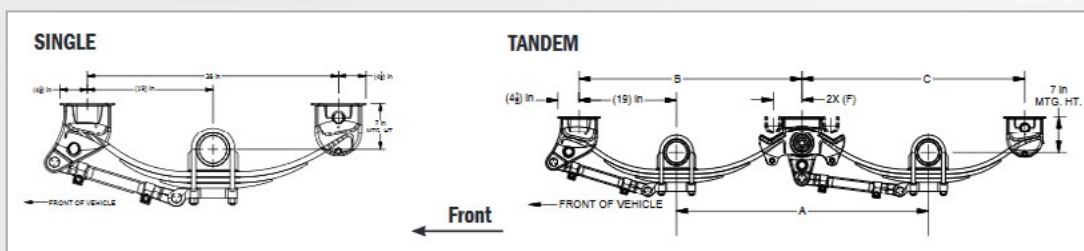
Part No	Quantity	Description
29-43-2	2	Center Hanger
13-109-3	2	Equalizer
7-169	2	Spring Eye Bolt
7-95	2	Keeper Bolt
7-170	2	Equalizer Bolt
6-46	2	Locknut
6-72	2	Locknut
6-112	2	Locknut
59-203	1	Instruction Sheet

10-15K 42.25" MULTI-AXLE CONVERSION KIT HAP-203-2

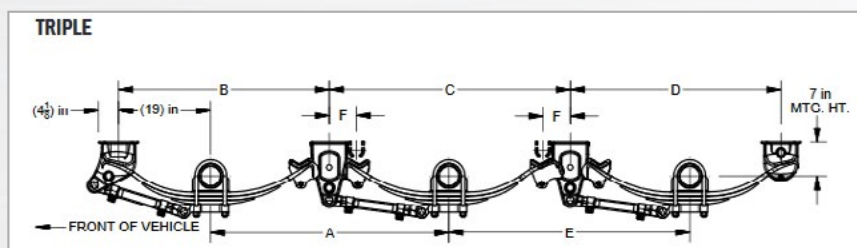
Part No	Quantity	Description
29-43-2	2	Center Hanger
13-108-3	2	Equalizer
7-169	2	Spring Eye Bolt
7-95	2	Keeper Bolt
7-170	2	Equalizer Bolt
6-46	2	Locknut
6-72	2	Locknut
6-112	2	Locknut
59-203	1	Instruction Sheet

10-15K 38" MULTI-AXLE CONVERSION KIT HAP-203-1

Part No	Quantity	Description
29-43-2	2	Center Hanger
13-107-7	2	Equalizer
7-169	2	Spring Eye Bolt
7-95	2	Keeper Bolt
7-170	2	Equalizer Bolt
6-46	2	Locknut
6-72	2	Locknut
6-112	2	Locknut
59-203	1	Instruction Sheet



Axle Spacing	A	B	C	F
49"	49 3/16"	43 1/2"	43 1/2"	N/A
54"	54 7/32"	46 1/32"	46 7/32"	8 3/8"
60"	60 7/32"	49 1/32"	49 7/32"	11 15/32"



Axle Spacing	A	B	C	D	E	F
49"	49 3/16"	43 1/2"	49 3/4"	43 1/2"	49 3/4"	N/A
54"	54 7/32"	46 1/32"	54 3/4"	46 7/32"	54 3/4"	8 3/8"
60"	60 7/32"	49 1/32"	60 3/4"	49 7/32"	60 3/4"	11 15/32"

10-25K SINGLE AXLE KIT CONTENTS

Part No	Quantity	Description
28-82-5	2	Front Hanger
30-75-5	2	Rear Hanger
62-10-1	1	Track Rod Bushed Adj 19.25
62-11-1	1	Track Rod Bushed Fixed 19.25
7-169	4	Track Rod Bolt 1-8 x 5.50 UNC
6-278	4	Track Rod Locknut 1-8 UNC
33-91	2	Keeper Bolt Sleeve
7-294	2	Spring Keeper Bolt 5/8-18 x 4.50 UNF
6-126	2	Keeper Bolt Locknut 5/8-18 UNF
59-918	1	Instruction Sheet

10-25K MULTI AXLE KIT CONTENTS

Part No	Quantity	Description
29-44-1	2	Center Hanger and EQ Assembly HAP-261-1
62-10-1	1	Track Rod Bushed Adj 19.25
62-11-1	1	Track Rod Bushed Fixed 19.25
29-49-1	2	Center Hanger and EQ Assembly HAP-162-1
62-1-54	1	Track Rod Bushed Adj 21.75
62-11-54	1	Track Rod Bushed Fixed 21.75
29-49-2	2	Center Hanger and EQ Assembly HAP-163-1
62-1-6	1	Track Rod Bushed Adj 24.75
62-11-6	1	Track Rod Bushed Fixed 24.75
7-169	4	Track Rod Bolt 1-8 x 5.50 UNC
6-278	4	Track Rod Locknut 1-8 UNC
33-91	4	Keeper Bolt Sleeve
7-294	4	Spring Keeper Bolt 5/8-18 x 4.50 UNF
6-126	4	Keeper Bolt Locknut 5/8-18 UNF
59-918	1	Instruction Sheet

SUSPENSION KITS

**Order appropriate number of HAP kits
for a complete suspension**

HDSS Underslung

49"	HAP-161-1	HAP-261-1
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
54"	HAP-161-1	HAP-162-1
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
60"	HAP-161-1	HAP-163-1
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2

Section C

Hubs and Components

Light Duty

Pre Greased Hub & Drum Kit	C-1
1000-2200lb Capacity	C-2
2300-4000lb Capacity	C-3
4100-6000lb Capacity	C-4
5500-7000lb Capacity	C-5 & C-6
7200lb Capacity	C-7 & C-8
8000lb Capacity	C-9 & C10

Medium Duty

9000-10000lb Capacity	C-11 & C-12
10000-15000lb Capacity	C-13

Heavy Duty 22.5K - 27.5K lb Capacity

12 1/4" x 7 1/2" Brake Size	C-14 & C-15
16 1/2" x 7" Brake Size	C-16 thru C-18

Hubs, Wheels, Drums Cross Reference	C-19
Fortress Cap Kits	C-20





COMPLETE HUB & HUB-DRUM PRE-GREASED KITS



INSTALL DIRECTLY FROM THE BOX WITH LESS MESS

- » Pre-assembled with bearings, seal and grease reducing installation time
- » Includes all components for both standard and E-Z Lube® grease cap configurations
- » Dexter genuine components including the grease, adhering to rigorous quality standards
- » Easy to identify retail packaging

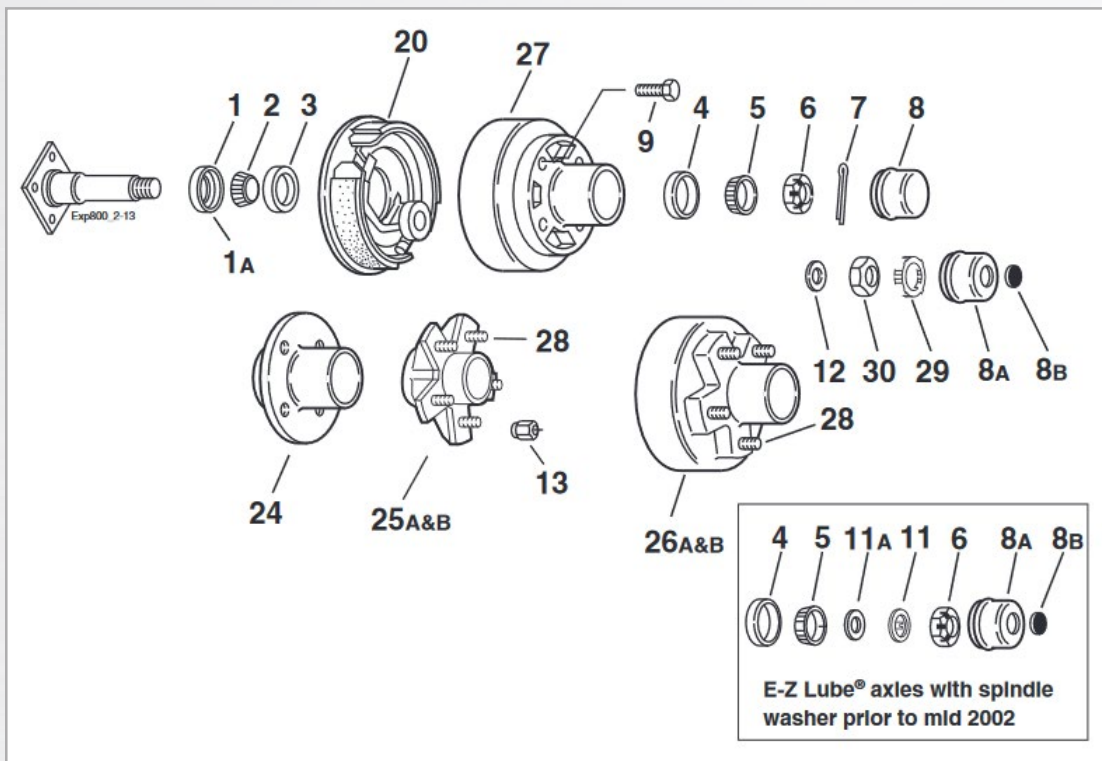


HUBS AND COMPONENTS

Pre Greased Kits

Capacity	Type	Kit	Bolt Pattern	Stud	Seal	Bulk #
6000 LBS	Hub-Drum	K08-201-2G	6 on 5 1/2"	1/2" -20	2.125" & 2.250"	8-201-9
7000 LBS	Hub-Drum	K08-219-1G	8 on 6 1/2"	1/2" -20	2.125" & 2.250"	8-219-4
7000 LBS	Hub-Drum	K08-219-2G	8 on 6 1/2"	9/16"-18	2.125" & 2.250"	8-219-13

1000-2200 LBS CAPACITY 440 and 545 Hub Group



Grease Lube Parts

Item	Part #	Description
1	10-9	Grease Seal
2	L44649	Inner Bearing Cone
3	L44610	Inner Bearing Cup
4	L44610	Outer Bearing Cone
5	L44649	Outer Bearing Cone
6	6-176	Spindle Nut
7	19-2	Cotter Pin (Not used with E-Z Lube®)
8	21-3	Grease Cap
8A	21-41-1	Grease Cap for E-Z Lube®
8B	85-1	Rubber Plug for E-Z Lube®
9	7-40	Wheel Bolt
11	5-101	Tang Washer for E-Z Lube® (before 2002)
11A	5-151	Spindle Washer for E-Z Lube® (before 2002)
12	5-23	Spindle Washer for E-Z Lube® (after 2002)
29	6-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)
30	6-191-00	Special Jam Nut for E-Z Lube® (after 2002)

Brakes

Item	Part #	Description
20	23-47 / 23-48	LH/RH 7" x 11/4" Electric
ns	23-103 / 23-104	LH/RH 7" x 11/4" Electric w/ park
ns	23-398 / 23-399	LH/RH 7" x 13/4" Hydraulic Uni-Servo

NS - not shown

Note: Spindle is not available for resale

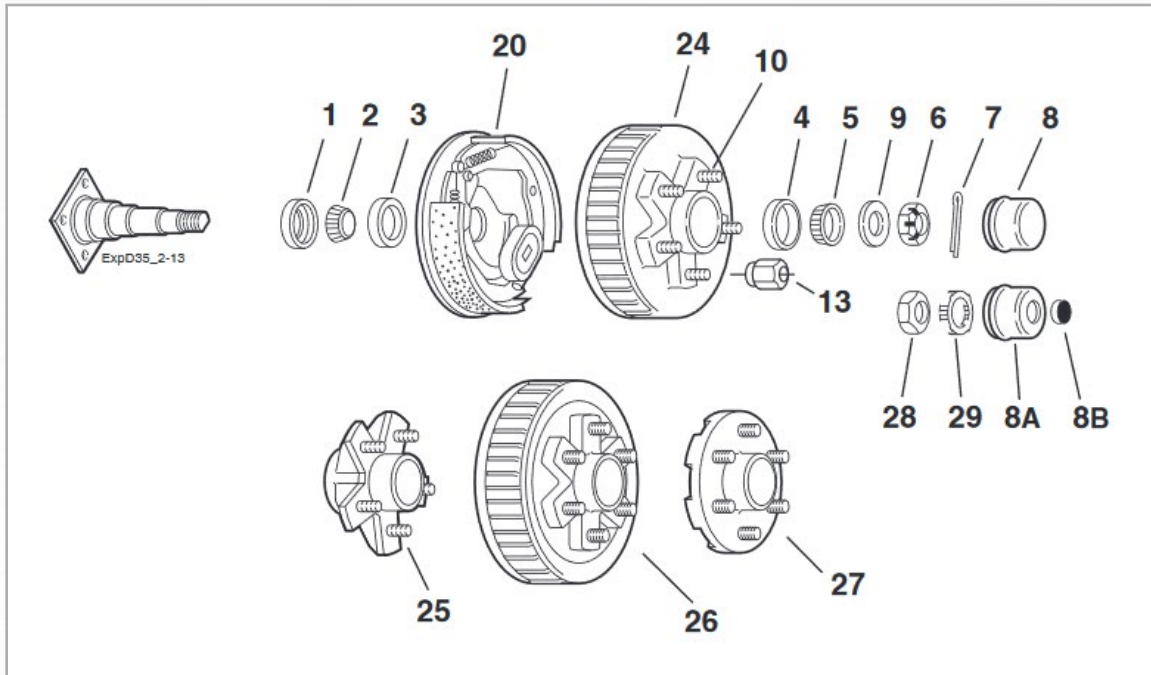
Hubs

Item	Part #	Description	Bolt Circle
Hubs and Drums			
ns	8-173-16	1/2" Studs, elec. brakes ONLY	4 on 4.00
ns	8-276-5	1/2" Studs, hyd. brakes ONLY	4 on 4.00
26A	8-257-5	1/2" Studs, elec. brakes ONLY	5 on 4.50
26B	8-271-7	1/2" Studs, hyd. brakes ONLY	5 on 4.50
27	8-173-15	1/2" Tapped, elec. brakes ONLY	4 on 4.00
ns	8-257-4	1/2" Tapped, elec. brakes ONLY	5 on 4.50
ns	8-271-4	1/2" Tapped, hyd. brakes ONLY	5 on 4.50
Plain Hubs			
ns	8-91-5	1/2" Studs	4 on 4.00
24	8-91-4	1/2" Tapped	4 on 4.00
25A	8-259-05 8-259-5	1/2" Studs, 8"-12" wheel ONLY 1/2" Studs, 8"-12" wheel ONLY GAL-DEX® coated	5 on 4.50 5 on 4.50
25B	8-258-05 8-258-5	1/2" Studs, 13"-15" wheel ONLY 1/2" Studs, 13"-15" wheel ONLY GAL-DEX® coated	5 on 4.50 5 on 4.50
ns	8-259-4	1/2" Tapped, 8"-12" wheel ONLY	5 on 4.50
ns	8-258-4	1/2" Tapped, 13"-15" wheel ONLY	5 on 4.50

Studs and Wheel Nuts

Item	Part #	Description
9	7-40	1/2-20 Wheel Bolt
13	6-80	1/2-20 60° Cone Nut
28	7-246	1/2-20 Press-In Stud

2300-4000 LBS CAPACITY D35, #10 545 and Other Hub Group



Grease Lube Parts

Item	Part #	Description
1	10-4	Grease Seal for E-Z Lube®
2	L68149	Inner Bearing Cone
3	L68111	Inner Bearing Cup
4	L44610	Outer Bearing Cup
5	L44649	Outer Bearing Cone
6	6-176	Spindle Nut
7	19-2	Cotter Pin
8	21-3	Grease Cap
8A	21-41-1	Grease Cap for E-Z Lube®
8B	85-1	Rubber Plug for E-Z Lube®
9	5-23	Spindle Washer
28	6-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	6-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

10" x 2 1/4" Brakes

Item	Part #	Description
ns	23-468 / 23-469	LH/RH Electric Nev-R-Adjust
20	23-026 / 23-027	LH/RH Electric
ns	23-086 / 23-087	LH/RH Electric w/park
ns	23-312 / 23-313	LH/RH Hydraulic Uni-servo
ns	23-330 / 23-331	LH/RH Hydraulic Uni-servo w/park
ns	23-310 / 23-311	LH/RH Hydraulic Duo-servo
ns	23-400 / 23-401	LH/RH Hydraulic Duo-servo w/park
ns	23-344 / 23-345	LH/RH Hydraulic Free Backing
ns	23-344-01 / 23-345-01	LH/RH Hydraulic FB Corrosion Resistant

Hubs

Item	Part #	Description	Bolt Circle
Hubs and Drums			
24	8-247-5	1/2" Stud	5 on 4.50
24	8-249-7	1/2" Stud	5 on 5.00
24	8-249-5	1/2" Stud	5 on 5.50
24	8-247-12	1/2" Stud	5 on 4.75
26	8-250-5	1/2" Stud	6 on 5.50
Plain Hubs			
25	8-248-5	1/2" Stud	5 on 4.50
25	8-248-1	1/2" Stud	5 on 4.75
25	8-256-7	1/2" Stud	5 on 5.00
25	8-256-5	1/2" Stud	5 on 5.50
27	8-251-5	1/2" Stud	6 on 5.50

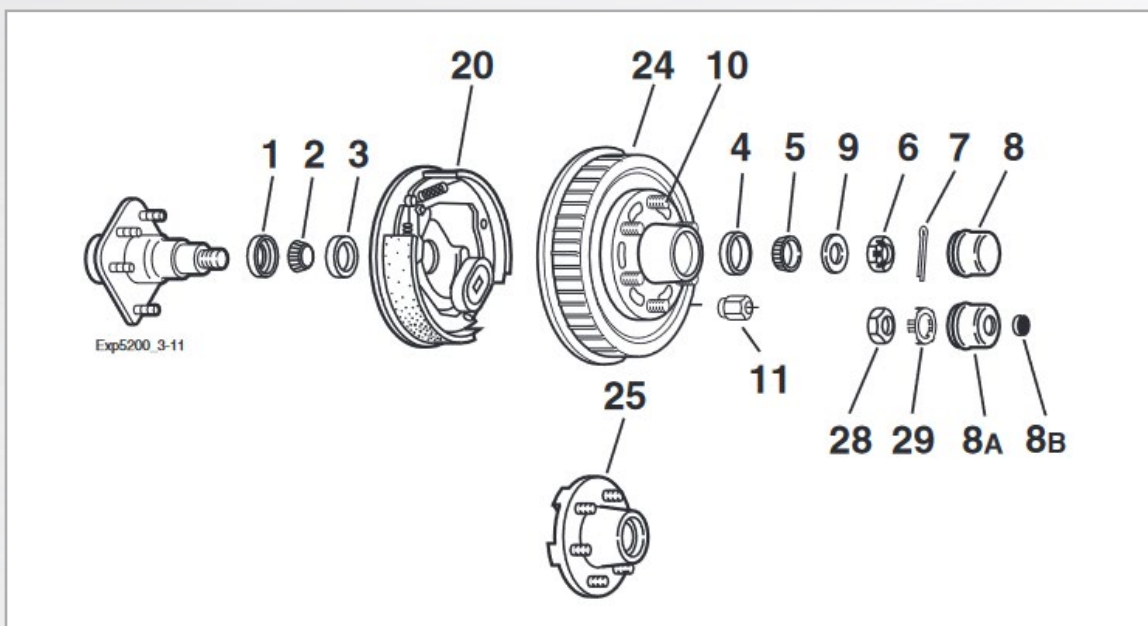
Studs and Wheel Nuts

Item	Part #	Description
10	7-122	1/2-20 Pressed Wheel Stud
13	6-80	1/2-20 60° Cone Nut

NS - not shown

Note: Spindle is not available for resale

4100-6000 LBS CAPACITY D52, D60 655 Hub Group



Grease Lube Parts

Item	Part #	Description
1	10-54	Grease Seal
1	10-63	Oil Seal
2	25580	Inner Bearing Cone
3	25520	Inner Bearing Cup
4	15245	Outer Bearing Cup
5	15123	Outer Bearing Cone
6	6-176	Spindle Nut
7	19-2	Cotter Pin (not used with E-Z Lube®)
8	21-1	Grease Cap
8A	21-42-1	Grease Cap for E-Z Lube®
8B	85-1	Rubber Plug for E-Z Lube®
9	5-23	Spindle Washer
28	6-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	6-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

Studs and Wheel Nuts

Item	Part #	Description
10	7-122	1/2-20 x 1.99 Long Press-in Stud*
10	7-262	1/2-20 x 2.70 Long Press-in Stud* (hub-drum after 2/09)
11	6-80	1/2-20 60° Cone Nut

* Stud length measured under head to end of stud

8 on 6.5 hubs are available on these axles.

See 5500-7000 LBS capacity section

12" x 2" Brakes

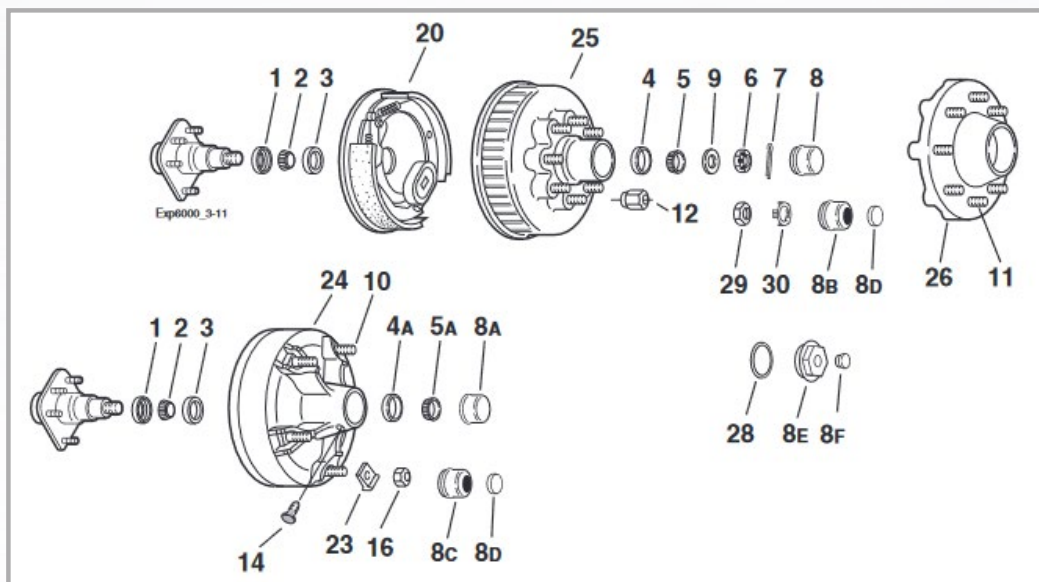
Item	Part #	Description
20	23-105 / 23-106	LH/RH Electric 6K CSA
NS	23-112 / 23-113	LH/RH Electric w/ park 6K CSA
ns	23-324 / 23-325	LH/RH Hydraulic Uni-Servo
ns	23-320 / 23-321	LH/RH Hydraulic Uni-servo w/park
ns	23-322 / 23-323	LH/RH Hydraulic Duo-servo
ns	23-318 / 23-319	LH/RH Hydraulic Duo-servo w/park
ns	23-342 / 23-343	LH/RH Hydraulic Free Backing
NS	23-340 / 23-341	LH/RH Hydraulic Free Backing w/ Park
NS	23-342 / 23-343	LH/RH Hydraulic FB Corrosion Resistant
ns	23-340-01 / 23-341-01	LH/RH Hydraulic FB Corrosion Resistant w/park
ns	23-458 / 23-459	LH/RH Electric Nev-R-Adjust® 6k CSA

NS - not shown

Hubs

Item	Part #	Description	Bolt Circle
Hubs and Drums			
24	8-201-9	1/2" Stud 15123 bearing for 6000#	6 on 5.50
Plain Hubs			
25	8-213-9	1/2" Stud 15123 bearing for 6000#	6 on 5.50

5500 - 7000 LBS CAPACITY 865 and Demountable Hub Group



Grease Lube Parts

Item	Part #	Description
1	10-54	E-Z Lube® Seal 2.25"
2	25580	Inner Bearing Cone
3	25520	Inner Bearing Cup
4	14276	Outer Bearing Cup - 865 Hub
5	14125A	Outer Bearing Cone - 865 Hub
6	6-176	Spindle Nut
7	19-2	Cotter Pin (not used with E-Z Lube®)
8	21-39	Grease Cap - 865 Hub
8A	21-1	Grease Cap - Demountable
8B	21-43-1	Grease Cap for E-Z Lube® - 865 Hub
8B	21-43-2	Grease Cap for E-Z Lube® Chrome Option - 865 Hub
8C	21-42-1	Grease Cap for E-Z Lube® - Demountable
8C	21-42-2	Grease Cap for E-Z Lube® Chrome Option - Dem.
8D	85-1	E-Z Lube® Rubber Plug
9	5-57	Spindle Washer
16	6-5	9/16 - 18 Nut for Rim Clamp
23	15-2	Rim Clamp
29	6-191-00	Special Jam Nut for E-Z Lube® (after 2002)
30	6-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

Oil Lube Parts

Item	Part #	Description
1	10-63	Oil Seal 2.25"
2	25580	Inner Bearing Cone
3	25520	Inner Bearing Cup
4	14276	Outer Bearing Cup - 865 Hub
4	15245	Outer Bearing Cup - Demountable
5	15123	Outer Bearing Cone
5	14125A	Outer Bearing Cone
6	6-176	Spindle Nut
7	19-2	Cotter Pin
8E	21-35	Oil Cap - 865 Hub
ns	21-4	Oil Cap - Demountable
8F	46-32	Oil Cap Plug
9	5-57	Spindle Washer
14	46-52	Oil Filler Plug - 865 and Demountable
ns	46-32	Oil Cap Plug
16	6-5	9/16 - 18 Nut for Rim Clamp
23	15-2	Rim Clamp
28	10-45	865 'O' Ring
ns	10-59	Demountable 'O' Ring

Hubs

Item	Part #	Description	Bolt Circle
Hubs and Drums			
24	8-174-5	Grease 9/16" Stud	Demountable
24	8-174-6	Oil 9/16" Stud	Demountable
25	8-219-4	Grease 1/2" Stud	8 on 6.50
25	8-219-13	Grease 9/16" Stud	8 on 6.50
25	8-219-18	Grease 5/8" Stud	8 on 6.50
25	8-219-9	Oil 1/2" Stud	8 on 6.50
25	8-219-2	Oil 9/16" Stud	8 on 6.50
25	8-219-26	Oil 5/8" Stud	8 on 6.50
Plain Hubs			
26	8-231-9	Grease 1/2" Stud	8 on 6.50
26	8-231-18	Grease 9/16" Stud	8 on 6.50
26	8-231-2	Grease 5/8" Stud	8 on 6.50
26	8-231-16	Oil 1/2" Stud	8 on 6.50

Brakes

Item	Part #	Description
20	23-105 / 23-106	LH/RH Electric 6K CSA
ns	23-112 / 23-113	LH/RH Electric w/ park 6K CSA
ns	23-180 / 23-181	LH/RH Electric 7K
ns	23-338 / 23-339	LH/RH Hydraulic Uni-servo 7K
ns	23-334 / 23-335	LH/RH Hydraulic Uni-servo 7K w/park
ns	23-336 / 23-337	LH/RH Hydraulic Duo-servo 7K
ns	23-332 / 23-333	LH/RH Hydraulic Duo-servo 7K w/park
ns	23-342 / 23-343	LH/RH Hydraulic Uni-servo 7K FB
ns	23-340 / 23-341	LH/RH Hydraulic Uni-servo 7K FB w/park
ns	23-342-1 / 23-343-1	LH/RH Hydraulic Uni-servo 7K FB
ns	23-340-1 / 23-341-1	LH/RH Hydraulic Uni-servo 7K FB w/park
ns	23-458 / 23-459	LH/RH Electric Nev-R-Adjust®

Studs and Wheel Nuts

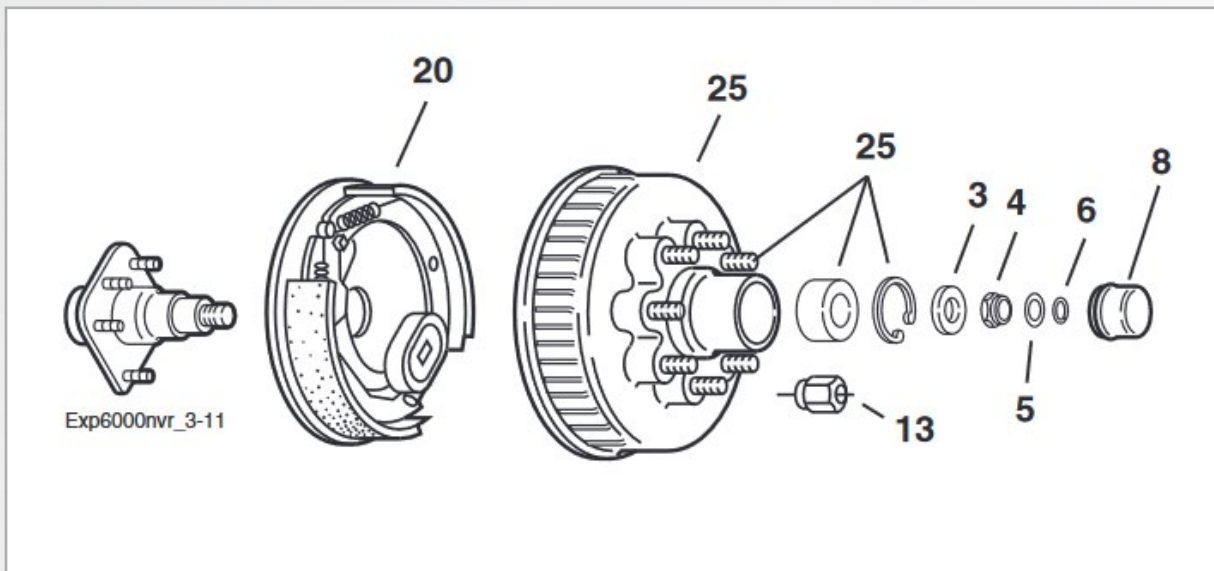
Item	Part #	Description
10	25-11	9/16-18 Stud - UTG
11	7-122	1/2-20 x 1.84 Long Press-in Stud* (hubs before 1/04)
11	7-262	1/2-20 x 2.70 Long Press-in Stud* (hubs after 1/04)
12	6-80	1/2-20 60° Cone Nut
ns	7-132	9/16-18 Press-in Stud
ns	6-53	9/16-18 60° Cone Nut
ns	7-232	5/8-18 Press-in Stud
ns	6-109	5/8-18 60° Cone Nut
ns	6-58	5/8-18 Flange Nut

* Stud length measured under head to end of stud

ns -not shown
6 on 5.5 hubs are available on these axles.
See 4100-6000 LBS capacity section

5500 - 7000 LBS CAPACITY

655 and 865 Nev-R-Lube® Hub Group



Nev-R-Lube® Parts

Item	Part #	Description
ns	5-147-1	Spindle Washer, 42mm
3	5-149	Spindle Washer 50mm
4	6-183	Spindle Nut
5	92-2	Washer, Torque Label
6	69-96	Snap Ring
ns	21-85	Grease Cap, 42mm
8	21-86	Grease Cap, 50mm

12" x 2" Brakes

Item	Part #	Description
20	23-105 / 23-106	LH/RH Electric 6K
ns	23-180 / 23-181	LH/RH Electric 7K
ns	23-338 / 23-339	LH/RH Hydraulic Uni-servo 7K
ns	23-334 / 23-335	LH/RH Hydraulic Uni-servo 7K w/park
ns	23-336 / 23-337	LH/RH Hydraulic Duo-servo 7K
ns	23-332 / 23-333	LH/RH Hydraulic Duo-servo 7K w/park
ns	23-342 / 23-343	LH/RH Hydraulic Free Backing 7K
ns	23-340 / 23-341	LH/RH Hydraulic 7K Free Backing w/park
ns	23-326 / 23-327	LH/RH Electric 6K CSA
ns	23-458 / 23-459	LH/RH Electric Nev-R-Adjust®
ns	23-466 / 23-467	LH/RH Electric Nev-R-Adjust® 6K CSA

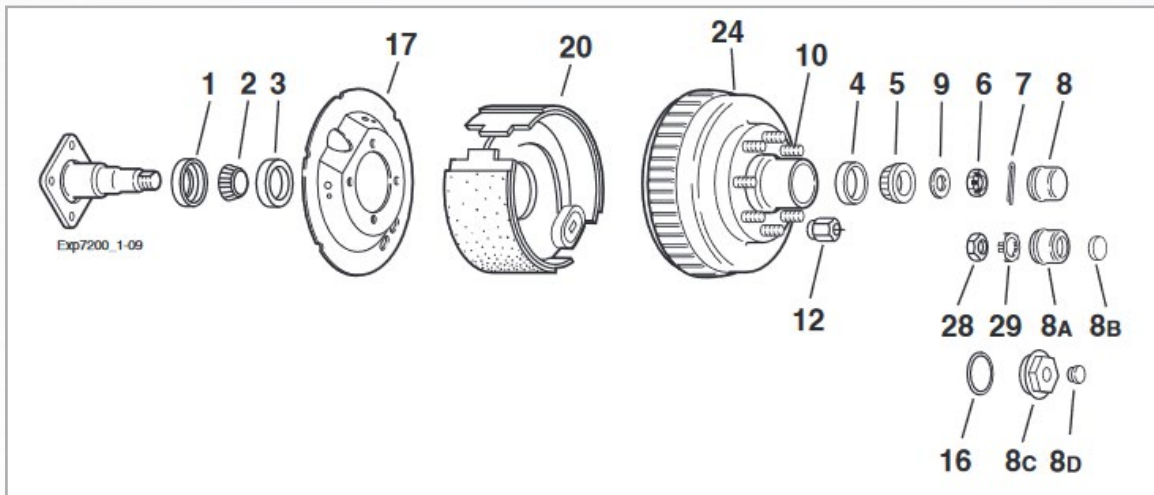
ns -not shown

Hubs with Bearing and Wheel Studs

Item	Part #	Description	Bolt Circle
ns	8-388-8	Hub and Drum includes: 7-122 1/2-20 Press-in Studs 31-75-3 42mm Bearing Cartridge 69-95 Bearing Retainer	6 on 5.50
25	8-385-82	Hub and Drum includes: 7-122 1/2-20 Press-in Studs 31-71-3 50mm Bearing Cartridge 69-93 Bearing Retainer	8 on 6.50
ns	8-385-81	Hub and Drum includes: 7-223 9/16-18 Press-in Studs 31-71-3 50mm Bearing Cartridge 69-93 Bearing Retainer	8 on 6.50
ns	8-385-8	Hub and Drum includes: 7-224 5/8-18 Press-in Studs 31-71-3 50mm Bearing Cartridge 69-93 Bearing Retainer	8 on 6.50

Studs and Wheel Nuts

Item	Part #	Description
13	6-80	1/2-20 60° Cone Nut
ns	6-53	9/16-18 60° Cone Nut
ns	6-109	5/8-18 90° Cone Nut
ns	6-58	5/8-18 Flange Nut



Grease Lube Parts

Item	Part #	Description
1	10-36	Seal
2	25580	Inner Bearing Cone
3	25520	Inner Bearing Cup
4	2420	Outer Bearing Cup
5	2475	Outer Bearing Cone
6	6-176	Spindle Nut
7	19-2	Cotter Pin (not used with E-Z Lube®)
8	21-39	Grease Cap
8A	21-1	Grease Cap for E-Z Lube®
8B	85-1	E-Z Lube® Rubber Plug
9	5-57	Spindle Washer
28	6-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	6-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

Oil Lube Parts

Item	Part #	Description
1	10-63	Seal (Unitized)
2	25580	Inner Bearing Cone
3	25520	Inner Bearing Cup
4	2420	Outer Bearing Cup
5	2475	Outer Bearing Cone
6	6-176	Spindle Nut
7	19-2	Cotter Pin
9	5-57	Spindle Washer
8C	21-35	OilCap
8D	46-32	Oil Cap Plug
ns	46-52	Oil Filler Plug (service part only)
16	10-45	O' Ring for Oil Lube

Studs and Wheel Nuts

Item	Part #	Description
10	7-122	1/2-20 Press-in Stud
10	7-224	5/8-18 Press-in Stud
10	7-223	9/16-18 Press-in Stud
12	6-53	9/16-18 60° Cone Nut
12	6-109	5/8-18 90° Cone Nut
ns	6-58	5/8-18 Flange Nut

Hubs

(After May 2000 for cast backing plate brakes)

Item	Part #	Description	Bolt Circle
24	8-393-1	Grease 1/2" Stud	8 on 6.50
24	8-393-4	Grease 9/16" Stud	8 on 6.50
24	8-393-6	Grease 5/8" Stud	8 on 6.50
24	8-393-9	Oil 1/2" Stud	8 on 6.50
24	8-393-3	Oil 9/16" Stud	8 on 6.50
24	8-393-5	Oil 5/8" Stud	8 on 6.50

Brakes

(After May 2000 for cast backing plate brakes)

Item	Part #	Description
17	36-118-2	Dust shield not included with brake assembly
20	23-429	RH 12 1/4" x 2 1/2" Electric Brakes
20	23-428	LH 12 1/4" x 2 1/2" Electric Brakes

Service parts NOT interchangeable with Cast Parts

Hubs

(Before May 2000 for stamped backing plate brakes)

Item	Part #	Description	Bolt Circle
24	8-355-13	Grease 9/16" Stud	8 on 6.50
24	8-355-15	Grease 5/8" Stud	8 on 6.50
24	8-355-12	Oil 9/16" Stud	8 on 6.50
24	8-355-14	Oil 5/8" Stud	8 on 6.50

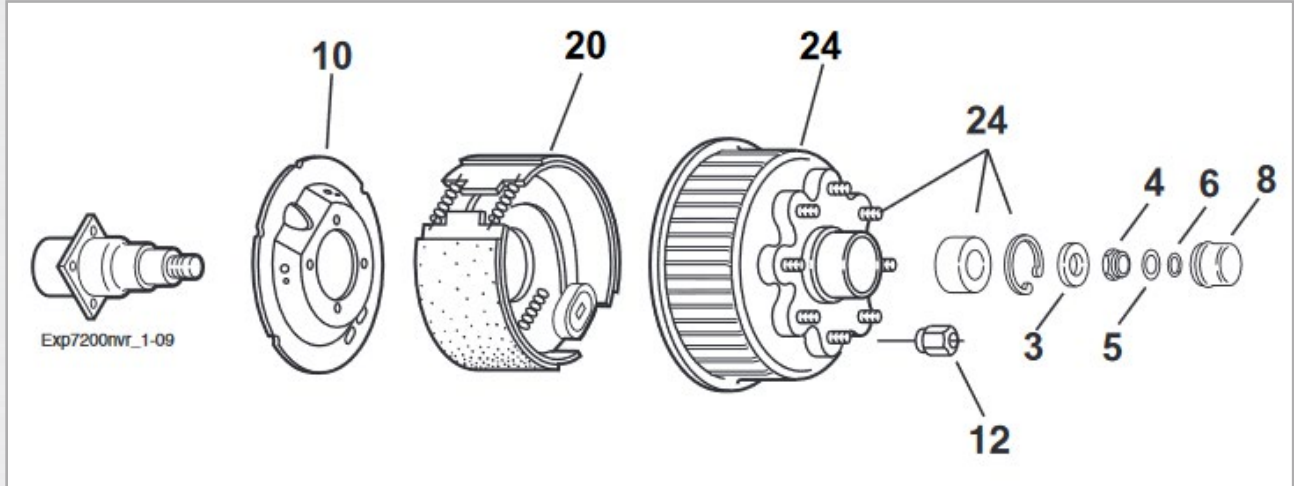
Brakes

(Before May 2000 with stamped backing plate brakes)

Item	Part #	Description
17	36-110	Dust shield (top) included with brake assembly Dust shield (bottom) included with brake assembly
17	36-110-1	
20	23-369	RH 12 1/4" x 2 1/2" Electric Brakes
20	23-370	LH 12 1/4" x 2 1/2" Electric Brakes

ns -not shown

7200 LBS CAPACITY 865 Nev-R-Lube® Hub Group



Nev-R-Lube® Parts

Item	Part #	Description
3	5-149	Spindle Washer
4	6-183	Spindle Nut
5	92-2	Washer, Torque Label
6	69-96	Snap Ring
8	21-86	Grease Cap, 50mm

12 1/4" x 2 1/2" Brakes

Item	Part #	Description
10	36-118-2	Dust Shield
20	23-428 / 23-429	LH/RH Manual Adjust Electric Brake

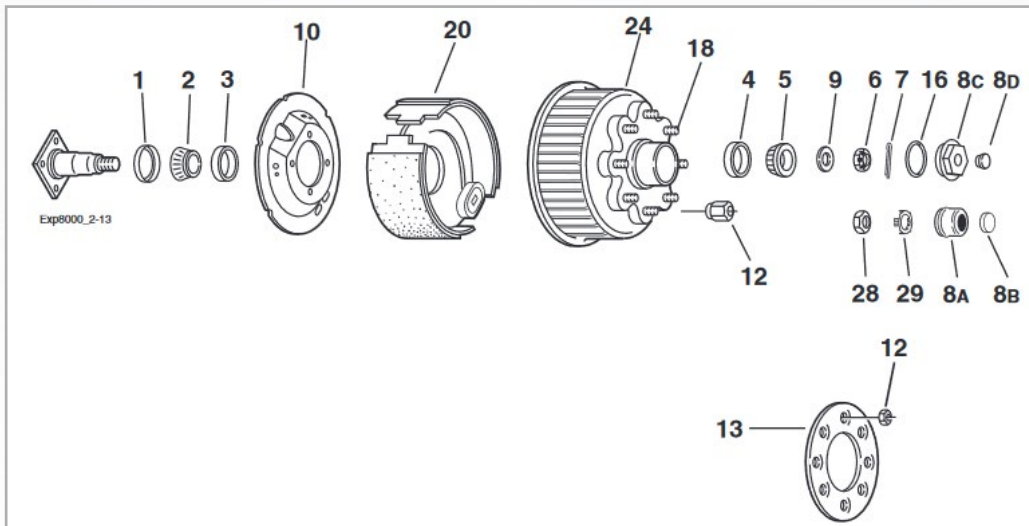
Hubs with Bearing and Wheel Studs

Item	Part #	Description	Bolt Circle
24	8-395-8	Hub and Drum includes: 7-223 9/16" Press-in Studs 31-71-3 50mm Bearing Cartridge 69-93 Bearing Retainer	8 on 6.50
ns	8-395-81	Hub and Drum includes: 7-224 5/8" Press-in Studs 31-71-3 50mm Bearing Cartridge 69-93 Bearing Retainer	8 on 6.50

Studs and Wheel Nuts

Item	Part #	Description
12	6-53	9/16"-18 60° Cone Nut
ns	6-109	5/8-18 90° Cone Nut
ns	6-58	5/8-18 Flange Nut

ns -not shown



Grease Lube Parts

Item	Part #	Description
1	10-54	E-Z Lube® Seal 2.25"
2	25580	Inner Bearing Cone
3	25520	Inner Bearing Cup
4	2420	Outer Bearing Cup
5	2475	Outer Bearing Cone
6	6-176	Spindle Nut
7	19-2	Cotter Pin (not used with E-Z Lube®)
ns	21-39	Grease Cap
8A	21-43-1	Grease Cap for E-Z Lube®
8B	85-1	E-Z Lube® Rubber Plug
9	5-57	Spindle Washer
28	6-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	6-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

Oil Lube Parts

Item	Part #	Description
1	10-63	Seal (Unitized)
2	25580	Inner Bearing Cone
3	25520	Inner Bearing Cup
4	2420	Outer Bearing Cup
5	2475	Outer Bearing Cone
6	6-176	Spindle Nut
7	19-2	Cotter Pin
8C	21-35	Oil Cap
8D	46-32	Oil Cap Plug
9	5-57	Spindle Washer
ns	46-52	Oil Filler Plug (service part only)
16	10-45	O' Ring for Oil Lube

ABS Components

Part #	Description
97-4	Sensor, Straight
21-24	Sensor Block, Screw-in
97-2	Sensor retainer Clip
24-25-1	Sensor Tone Ring

12 1/4" x 3 3/8" Brakes

Item	Part #	Description
10	36-115-2	Dust Shield
10	36-115-24	Dust Shield for brakes with park
20	23-434 / 23-435	LH/RH Electric Self-Adjust
ns	23-432 / 23-433	LH/RH Electric Manual Adjust
ns	23-402 / 23-403	LH/RH Hydraulic Self-Adjust Duo-Servo
ns	23-171 / 23-172	LH/RH Hyd. Self-Adj Duo-Servo w/park
ns	23-418 / 23-419	LH/RH Hydraulic Uni-Servo
ns	23-252 / 23-253	LH/RH Hydraulic Uni-Servo w/park
ns	23-420 / 23-421	LH/RH Self Adj. DS Corrosion Resistant
ns	23-388 / 23-387	LH/RH Hyd. Manual Adjust Duo-Servo

Hubs

Item	Part #	Description	Bolt Circle
Hubs and Drums			
24	8-285-8	Grease 5/8" Stud	8 on 6.50
24	8-285-15	Grease 5/8" Stud ABS	8 on 6.50
24	8-285-11	Grease 9/16" Stud	8 on 6.50
24	8-285-13	Grease 9/16" Stud ABS	8 on 6.50
24	8-285-1	Oil 5/8" Stud	8 on 6.50
24	8-285-14	Oil 5/8" Stud ABS	8 on 6.50
24	8-285-9	Oil 9/16" Stud	8 on 6.50
24	8-285-12	Oil 9/16" Stud ABS	8 on 6.50

Plain Hubs

ns	8-287-7	Grease 5/8" Stud	8 on 6.50
ns	8-287-11	Grease 9/16" Stud	8 on 6.50
ns	8-287-17	Oil 5/8" Stud	8 on 6.50
ns	8-287-14	Oil 9/16" Stud	8 on 6.50

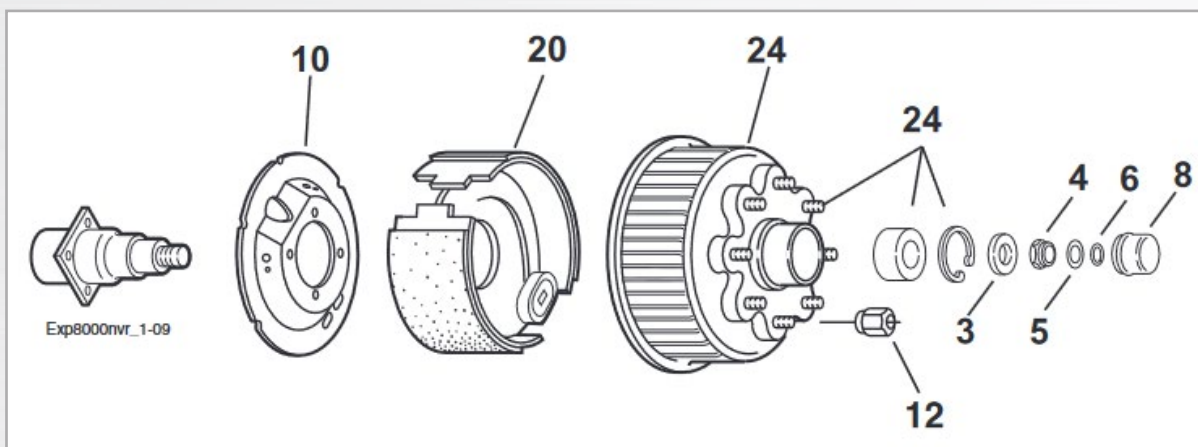
Studs and Wheel Nuts

Item	Part #	Description
12	6-53	9/16-18 60° Cone Nut
12*	6-109	5/8-18 90° Cone Nut (200 lbs-ft)
13*	33-52-1	Clamp Ring
18	7-132	9/16-18 Press-in Stud
18	7-232	5/8-18 Press-in Stud
ns	6-58	5/8-18 Flange Nut

ns -not shown

* Must use the 90° cone nut with the clamp ring. Alternate fastener is just the flange nut.

8000 LBS CAPACITY 865 Nev-R-Lube® Hub Group



Nev-R-Lube® Parts

Item	Part #	Description
3	5-149	Spindle Washer
4	6-183	Spindle Nut
5	92-2	Washer, Torque Label
6	69-96	Snap Ring
8	21-86	Grease Cap, 50mm

12 1/4" x 3 3/8" Brakes

Item	Part #	Description
10	36-118-2	Dust Shield
10	35-115-24	Dust shield for brakes with park
20	23-434 / 23-435	LH/RH Electric Self-Adjust
ns	23-402 / 23-403	LH/RH Hydraulic Self-Adjust Duo-Servo
ns	23-171 / 23-172	LH/RH Hyd. Self-Adj Duo-Servo w/park
ns	23-418 / 23-419	LH/RH Hydraulic Uni-Servo
ns	23-252 / 23-253	LH/RH Hydraulic Uni-Servo w/park

ABS Hubs without Bearing

Item	Part #	Description	Bolt Circle
24	8-389-9	Grease 5/8" Stud ABS	8 on 6.50
24	8-389-12	Grease 9/16" Stud ABS	8 on 6.50

Hubs with Bearing and Wheel Studs

Item	Part #	Description	Bolt Circle
24	8-389-81	Hub and Drum includes: 7-223 9/16" Press-in Studs 31-71-3 50mm Bearing Cartridge 69-93 Bearing Retainer	8 on 6.50
ns	8-389-8	Hub and Drum includes: 7-224 5/8" Press-in Studs 31-71-3 50mm Bearing Cartridge 69-93 Bearing Retainer	8 on 6.50

Wheel Nuts

Item	Part #	Description
12	6-53	9/16"-18 60° Cone Nut
ns	6-109	5/8-18 90° Cone Nut

ABS Components

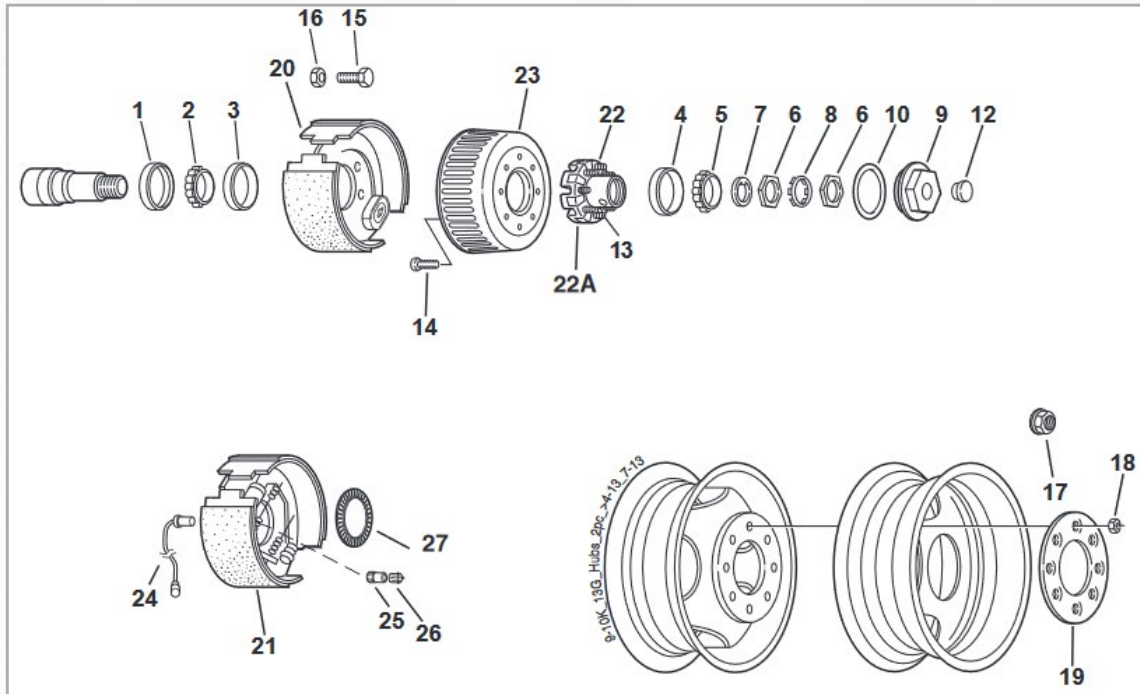
Part #	Description
97-4	Sensor, Straight
24-204	Sensor Block, Screw-in
97-2	Sensor Retainer Clip

ns - not shown

9,000-10,000 LBS GD CAPACITY

9K, 10K and #13G General Duty Two-Piece Hubs

After July 2009



Standard Oil Lube Parts

Item	Part #	Description
1	10-51-1	Oil Seal
2	387A	Inner Bearing Cone
3	382A	Inner Bearing Cup
4	25520	Outer Bearing Cup
5	25580	Outer Bearing Cone
6	6-96	Spindle Nut (2)
7	5-70	Spindle Washer
8	5-71	Tang Washer
9	21-88	Oil Cap
10	10-163	'O' Ring
12	46-32	Oil Cap Plug
13	7-115	5/8-18 Wheel Stud
14	7-292	Drum Mounting Screw

Hub and Drum

Item	Part #	Description
ns	8-430-5	Oil Hub and Drum w/Cups and Studs
22	8-430-3	Oil Hub w/Cups and Studs
23	9-123-1	Drum - Machined
ns	8-430-7	Oil Hub and Drum w/Cups and Studs ABS
22	8-430-3	Oil Hub w/Cups and Studs
ns	9-123-3	Drum - for ABS

12 1/4" x 3 3/8" Brakes

Item	Part #	Description
20	23-450 / 23-451	LH/RH Electric, FSA
21	23-410 / 23-411	LH/RH Hydraulic, FSA, Duo-Servo
21	23-210 / 23-211	LH/RH Hydraulic, RSA, Duo-Servo w/park
ns	23-412 / 23-413	LH/RH Hydraulic, FSA, Single-Servo
ns	23-234 / 23-235	LH/RH Hydraulic, Manual Adjust, Single-Servo w/park

ABS Components

Item	Part #	Description
24	97-4	Sensor, Straight
25	24-204	Sensor Block, Screw-in
26	97-2	Sensor Clip
27	24-205-1	Tone Ring
ns	7-248	Tone Ring Screws

Studs and Wheel Nuts

Item	Part #	Description
18*	6-109	5/8-18 90° Cone Nut (200 lbs.-ft)
19*	33-52-1	Clamp Ring
17	6-58	5/8-18 Flange Nut (300 lbs.-ft)
13	7-115	5/8-18 Press-in Stud

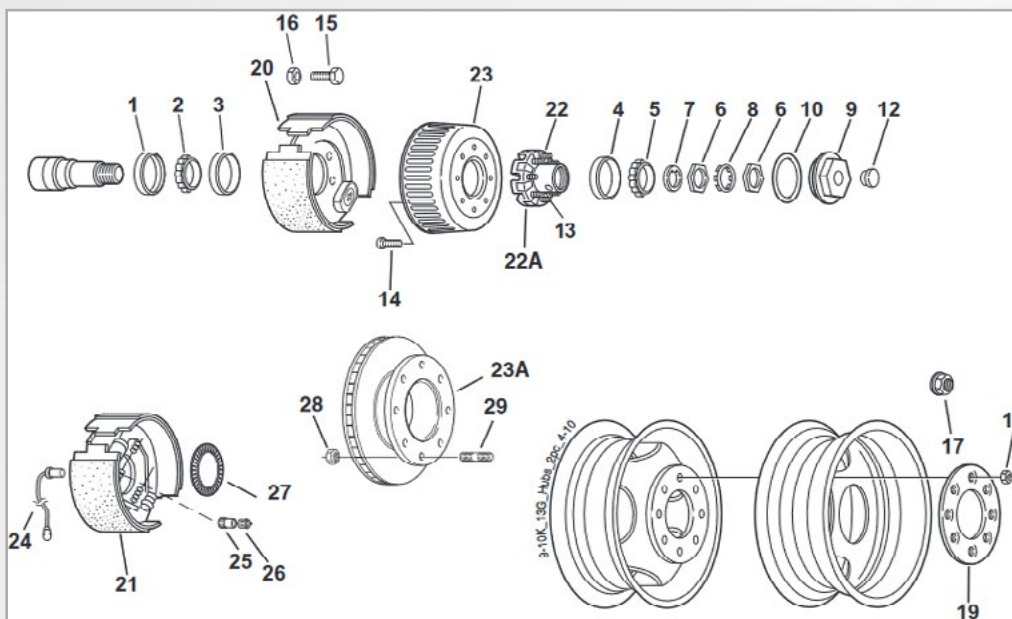
ns -not shown

* Must use the 90° cone nut with the clamp ring. Alternate fastener is just the flange nut.

9,000-10,000 LBS GD CAPACITY

9K, 10K, #13G, #14T General Duty Two-Piece Hubs

Before July 2009



Standard Oil Lube Parts

Item	Part #	Description
1	10-51-1	Oil Seal
2	387A	Inner Bearing Cone
3	382A	Inner Bearing Cup
4	25520	Outer Bearing Cup
5	25580	Outer Bearing Cone
6	6-96	Spindle Nut (2)
7	5-70	Spindle Washer
8	5-71	Tang Washer
9	21-36	Oil Cap
10	10-50	'O' Ring
12	46-32	Oil Cap Plug
13	7-115	5/8-18 Wheel Stud
14	7-245	Drum Mounting Screw
15	7-116	Brake Mounting Bolt
16	6-17	Brake Mounting Nut
ns	5-08	Lockwasher

Hub and Drum

Item	Part #	Description
22	8-288-3	Oil Hub w/Cups and Studs
23	9-44-1	Drum - Machined
ns	9-44-3	Drum - for ABS
ns	8-288-5	Oil Hub and Drum w/Cups and Studs

Hub and Rotor Available on #13G Not offered on D90, D100G, #14T

Item	Part #	Description
22A	8-288-7	Oil Hub w/Cups and Studs
23A	70-006-1	Brake Rotor
28	6-46	Rotor Mounting Nut
29	25-14	Rotor Mounting Stud

12 1/4" x 3 3/8" Brakes

Item	Part #	Description
20	23-450 / 23-451	LH/RH Electric, FSA
21	23-410 / 23-411	LH/RH Hydraulic, FSA, Duo-Servo
21	23-210 / 23-211	LH/RH Hydraulic, RSA, Duo-Servo w/park
ns	23-412 / 23-413	LH/RH Hydraulic, FSA, Single-Servo
ns	23-234 / 23-235	LH/RH Hydraulic, Manual Adjust, Single-Servo w/park

ABS Components

Item	Part #	Description
24	97-4	Sensor, Straight
25	24-204	Sensor Block, Screw-in
26	97-2	Sensor Clip
27	24-203	Tone Ring

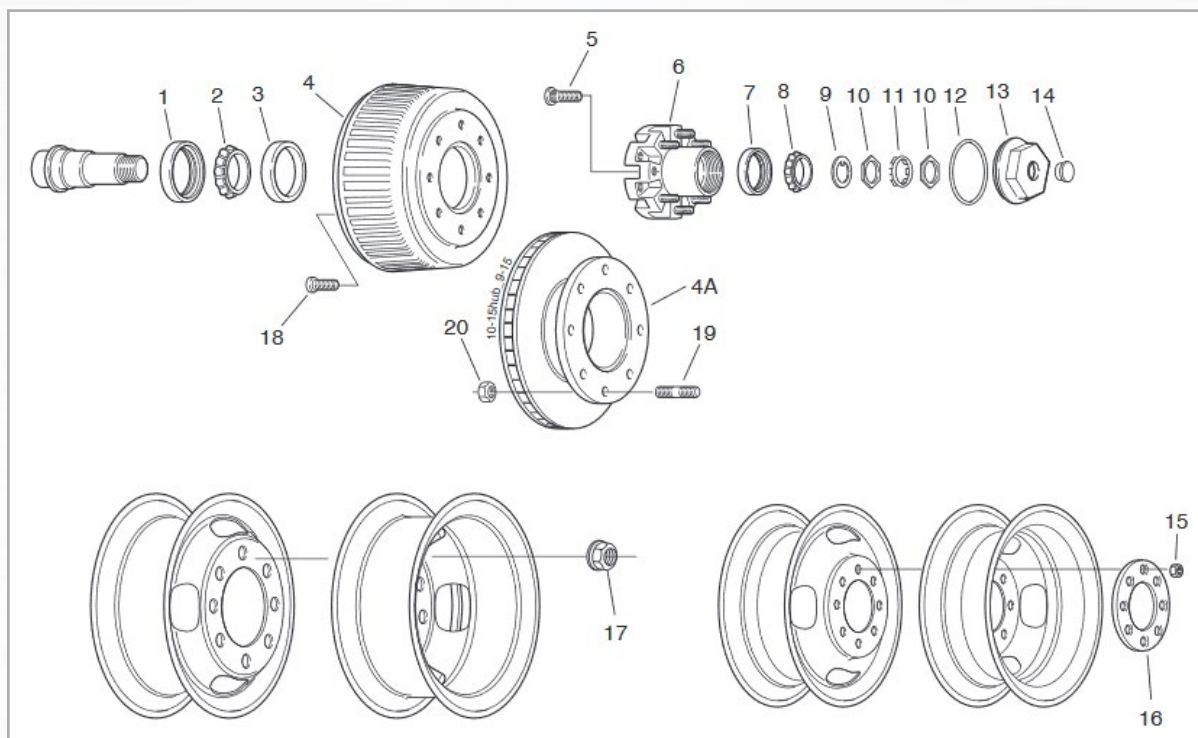
Studs and Wheel Nuts

Item	Part #	Description
18*	6-109	5/8-18 90° Cone Nut (200 lbs.-ft)
19*	33-52-1	Clamp Ring
17	6-58	5/8-18 Flange Nut (300 lbs.-ft)
13	7-115	5/8-18 Press-in Stud

ns -not shown

* Must use the 90° cone nut with the clamp ring. Alternate fastener is just the flange nut.

One-piece hub/drum is not interchangeable with the two-piece hub/drum.

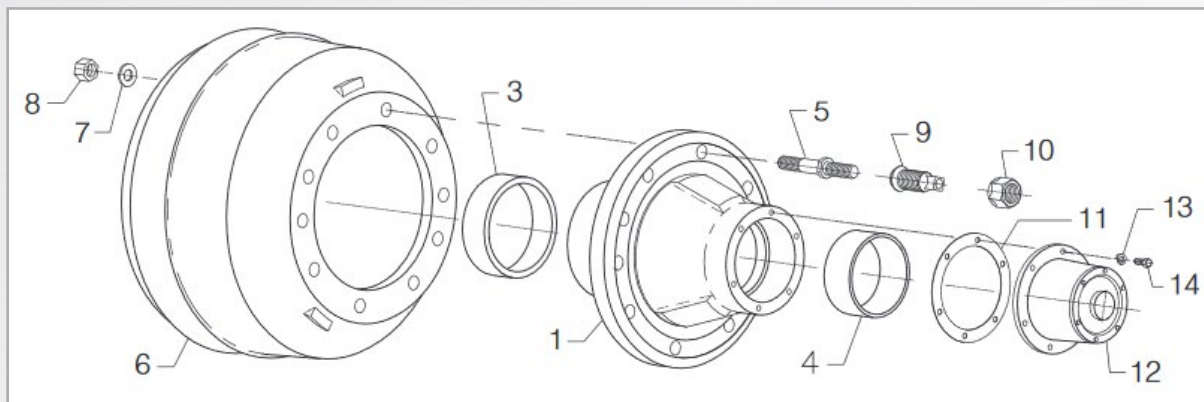


Item	Description	10K, #13D 8 on 6.50	10K, #13D Disc 8 on 6.50	12K Hi-Profile 8 on 6.50	#14 Hi Profile 8 on 6.50	#14 Disc 8 on 6.50	12K Disc 8 on 6.50	15K 8 on 275mm	16K Drum & Disc 8 on 275mm
1	Unitized Oil Seal	10-56	10-56	10-56	10-56	10-56	10-56	10-56	10-56
2	Inner Bearing Cone	395S	395S	3984	3984	3984	3984	39590	39590
3	Inner Bearing Cup	394A	394A	3920	3920	3920	3920	39590	39590
4	Brake Drum	9-27-1	-	9-28-1	9-28-1	-	-	9-28-1	9-28-1
4	Brake Drum - ABS	9-27-3	-	9-28-5	9-28-5	-	-	9-28-5	9-28-5
4A	Brake Rotor	-	70-6-1	-	-	70-10-2	70-6-1	-	-
4A	Brake Rotor - ABS	-	70-6-2	-	-	-	70-6-2	-	-
5	Wheel Mounting Stud	7-115	7-115	7-115	7-115	7-115	7-115	7-194 (std) 7-195 (long)	7-194 (std) 7-195 (long)
6	Hubs w/ Cups & Studs	8-214-5	8-214-6	8-214-8	8-422-3	8-422-4	8-214-1	8-401-5 (std stud) 8-401-6 (long stud)	8-095-08 (Drum & Disc)
7	Outer Bearing Cup	382A	382A	28622	28622	28622	28622	28622	28622
8	Outer Bearing Cone	387A	387A	28682	28682	28682	28682	28682	28682
9	Spindle Washer	5-60	5-60	5-60	5-60	5-60	5-60	5-60	5-60
10	Spindle Nut	6-84	6-84	6-84	6-84	6-84	6-84	6-84	6-84
11	Tang Washer	5-59	5-59	5-59	5-59	5-59	5-59	5-59	5-59
12	Oil Cap "O" Ring	10-50	10-50	10-50	10-50	10-50	10-50	10-50	10-50
13	Oil Cap	21-36	21-36	21-36	21-36	21-36	21-36	21-36	21-36
14	Oil Cap Plug	46-32	46-32	46-32	46-32	46-32	46-32	46-32	46-32
15	Wheel Nut	6-109	6-109	6-109	6-109	6-109	6-109	-	-
16	Wheel Clamp Ring	33-52-1	33-52-1	33-52-1	33-52-1	33-52-1	33-52-1	-	-
17	Flange Nut (swivel)	6-209	6-209	6-209	6-209	-	6-209	6-118	6-118
18	Drum Mounting Screw	7-244	-	7-244	7-245	-	-	7-244	7-244
19	Rotor Mounting Stud	-	25-14	-	-	-	25-14	-	25-14
20	Rotor Mounting Nut	-	6-46	-	-	-	6-46	-	6-46
21	Disc Mounting Screw (ns)	-	-	-	-	7-292	-	-	-

ns -not shown

Hubs & Drums 12 1/4" x 7 1/2" Brake Size 10 Stud on 8 3/4" Hubs with Inboard Drums

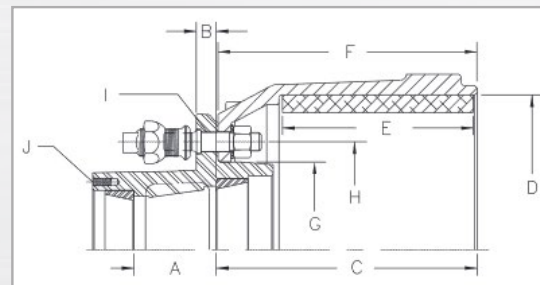
For use with 15" or 17.5" ball seat mounted steel disc wheels



Item	Part Number	Qty per Axle	Description	Comments
0	8-277-71	1	LH Assembly Hub & Drum 10 Stud 8 3/4" BC	Use Ball Seat Mtg. Steel Wheels
0	8-277-7	1	RH Assembly Hub & Drum 10 Stud 8 3/4" BC	Use Ball Seat Mtg. Steel Wheels
ns	8-277-29	1	LH Assembly Hub & Drum 10 Stud 8 3/4" BC ABS	Use Ball Seat Mtg. Steel Wheels
ns	8-277-28	1	RH Assembly Hub & Drum 10 Stud 8 3/4" BC ABS	Use Ball Seat Mtg. Steel Wheels
1	8-277-4	1	LH Assembly Hub 10 Stud 8 3/4" BC	Includes items 3-5
1	8-277-5	1	RH Assembly Hub 10 Stud 8 3/4" BC	Includes items 3-5
ns	8-277-23	1	LH Assembly Hub 10 Stud 8 3/4" BC ABS	Includes items 3-5
ns	8-277-22	1	RH Assembly Hub 10 Stud 8 3/4" BC ABS	Includes items 3-5
ns	24-2-1	1	ABS Tone Ring	Included with ABS Hubs
3	31-26-1	1	Inner Bearing Cup (HM218210)	
4	31-27-1	1	Outer Bearing Cup (HM212011)	
5	25-56-2	10	LH Shoulder Stud	
5	25-56-1	10	RH Shoulder Stud	
6	9-40-1	1	Drum 12 1/4" x 7 1/2"	
7	5-102	10	Washer	
8	6-47	10	Hex Nut - Drum Mounting	
9	6-69-2	10	LH Inner Cap Nut	For Steel Disc Wheels
9	6-69-1	10	RH Inner Cap Nut	For Steel Disc Wheels
10	6-70-2	10	LH Outer Cap Nut	
10	6-70-1	10	RH Outer Cap Nut	
11	71-124	1	Gasket - Oil Cap	
12	21-38-2	1	Oil Cap (with vent plug)	
13	5-100	6	Lock Washer - Oil Cap	

Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.81"
C	Cup to End of Drum	10.57"
D	Brake Diameter	12.25"
E	Shoe Brake Width	7.50"
F	Drum Overall Width	10.50"
G	Pilot Diameter	7.12"
H	Bolt Circle	8.75"
I	Bolt Diameter	3/4"
J	Hub Cap Hole Mtg.	5/16" 6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



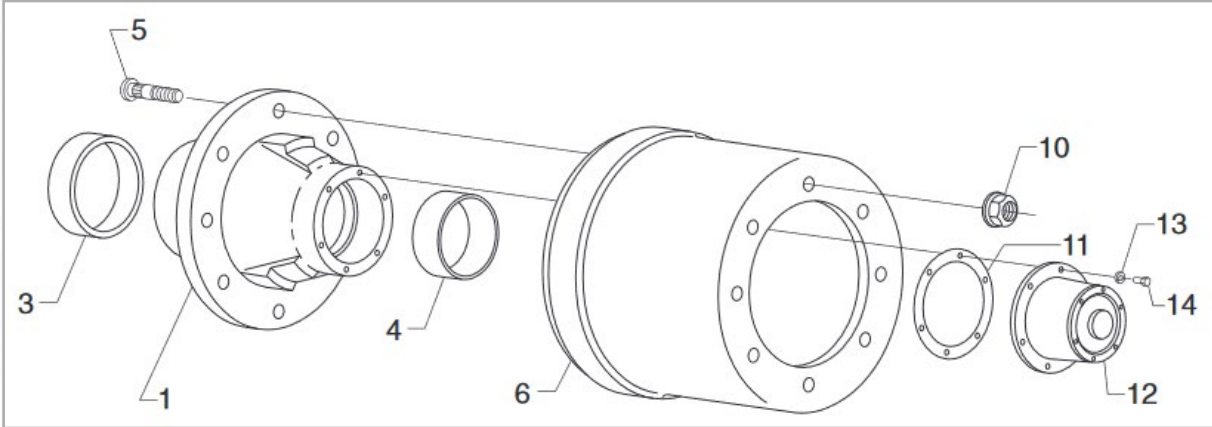


Hubs & Drums 12 1/4" x 7 1/2" Brake Size

8 Stud on 275mm (10.827") Hubs with Outboard Drums

For use with 17.5" or 19.5" 221mm piloted disc wheels

C

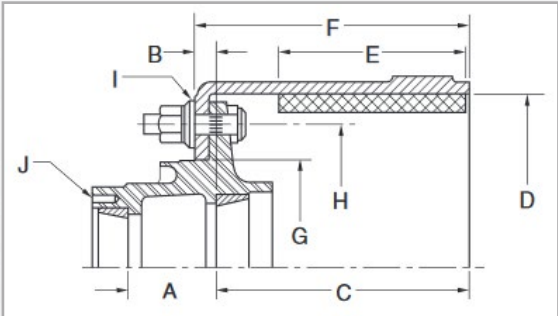


Item	Part Number	Qty per Axle	Description	Comments
0	8-396-7	1	Hub & Drum 8 Stud on 275mm BC Assembly	Use Pilot Mtg. Steel Wheels
ns	8-396-72	1	Hub & Drum 8 Stud on 275mm BC Assembly	Use Pilot Mtg. Aluminum Wheels
ns	8-396-71	1	Hub & Drum 8 Stud on 275mm BC Assembly ABS	Use Pilot Mtg. Steel Wheels
ns	8-396-73	1	Hub & Drum 8 Stud on 275mm BC Assembly ABS	Use Pilot Mtg. Aluminum Wheels
1	8-396-5	1	Hub 8 Stud on 275mm BC Assembly	Includes items 3-5 for Steel Wheels
ns	8-396-6	1	Hub 8 Stud on 275mm BC Assembly	Includes items 3-5 for Aluminum Wheels
ns	8-396-7	1	Hub 8 Stud on 275mm BC Assembly ABS	Includes items 3-5 for Steel Wheels
ns	8-396-8	1	Hub 8 Stud on 275mm BC Assembly ABS	Includes items 3-5 for Aluminum Wheels
ns	24-2-1	1	ABS Tone Ring	Included with ABS Hubs
3	31-26-1	1	Inner Bearing Cup (HM218210)	
4	31-27-1	1	Outer Bearing Cup (HM212011)	
5	7-194	8	Stud, Press-In M22 x 1.5	2.47" Stud Length for Steel Wheels
5	7-195	8	Stud, Press-In M22 x 1.5	3.32" Stud Length for Aluminum Wheels
6	9-116	1	Drum 12 1/4" x 7 1/2"	
10	6-118	8	Swivel Flange Nut	
11	71-124	1	Gasket - Oil Cap	
12	21-38-2	1	Oil Cap (with vent plug)	
13	5-100	6	Lock Washer	
14	7-157	6	Cap Screw	
ns - not shown				

HUBS AND COMPONENTS

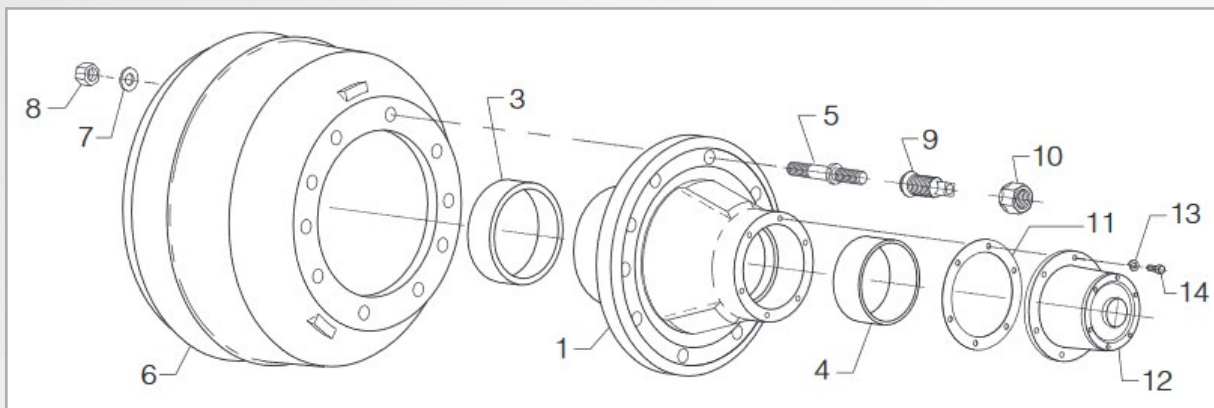
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.75"
C	Cup to End of Drum	10.43"
D	Brake Diameter	12.25"
E	Shoe Brake Width	7.50"
F	Drum Overall Width	11.22"
G	Pilot Diameter 9Drum)	9.00"
H	Bolt Circle	275mm (10.827")
I	Bolt Diameter	M22 x 1.5
J	Hub Cap Hole Mtg.	5/16"
		6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



Hubs & Drums 16 1/2" x 7" Brake Size 10 Stud on 11 1/4" Hubs with Inboard Drums

For use with 20", 22.5" or 24.5" ball seat mounted steel disc wheels

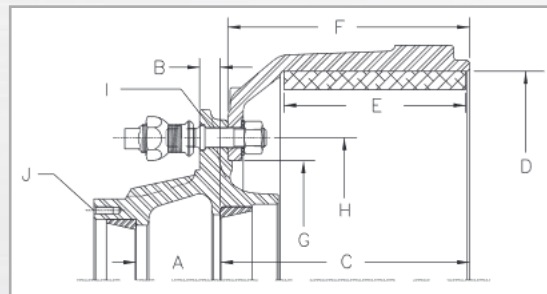


Item	Part Number	Qty per Axle	Description	Comments
0	8-279-71	1	LH Assembly Hub & Drum 10 Stud 11 1/4" BC	Use Ball Seat Mtg. Steel Wheels
0	8-279-7	1	RH Assembly Hub & Drum 10 Stud 11 1/4" BC	Use Ball Seat Mtg. Steel Wheels
1	8-279-4	1	LH Assembly Hub 10 Stud 11 1/4" BC	Includes items 3-5
1	8-279-5	1	RH Assembly Hub 10 Stud 11 1/4" BC	Includes items 3-5
3	31-26-1	1	Inner Bearing Cup (HM218210)	
4	31-27-1	1	Outer Bearing Cup (HM212011)	
5	25-56-2	10	LH Shoulder Stud	
5	25-56-1	10	RH Shoulder Stud	
6	9-42-1	1	Drum 16 1/2" x 7"	
7	5-102	10	Washer	
8	6-47	10	Hex Nut - Drum Mounting	
9	6-69-2	10	LH Inner Cap Nut	For Steel Disc Wheels
9	6-69-1	10	RH Inner Cap Nut	For Steel Disc Wheels
10	6-70-2	10	LH Outer Cap Nut	
10	6-70-1	10	RH Outer Cap Nut	
11	71-124	1	Gasket - Oil Cap	
12	21-38-2	1	Oil Cap (with vent plug)	
13	5-100	6	Lock Washer - Oil Cap	
14	7-157	6	Cap Screw - Oil Cap	

ns - not shown

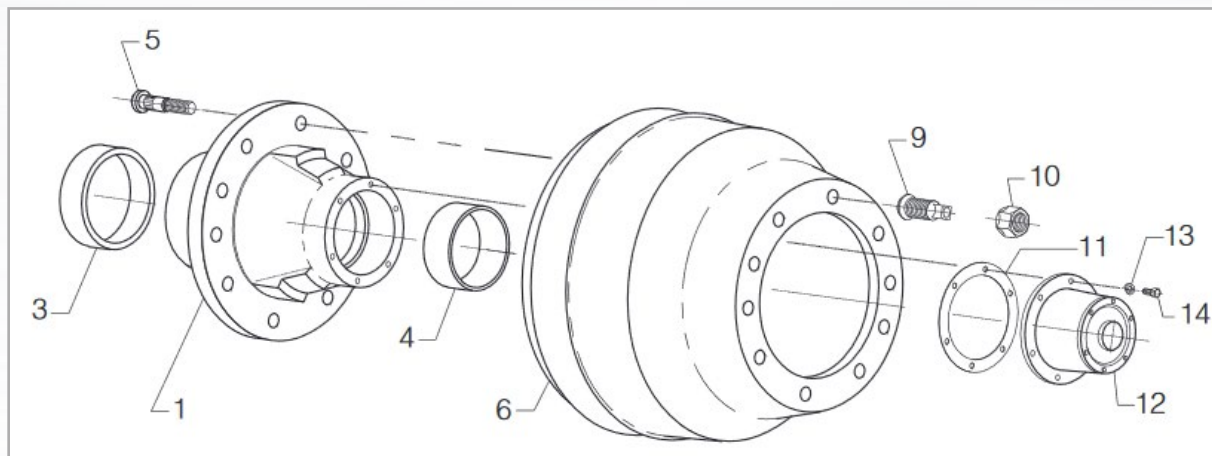
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.81"
C	Cup to End of Drum	9.89"
D	Brake Diameter	16.50"
E	Shoe Brake Width	7.00"
F	Drum Overall Width	9.58"
G	Pilot Diameter	9.44"
H	Bolt Circle	11.25"
I	Bolt Diameter	3/4"
J	Hub Cap Hole Mtg.	5/16"
		6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



Hubs & Drums 16 1/2" x 7" Brake Size 10 Stud on 11 1/4" Hubs with Outboard Drums

For use with 20", 22.5" or 24.5" ball seat mounted steel disc wheels

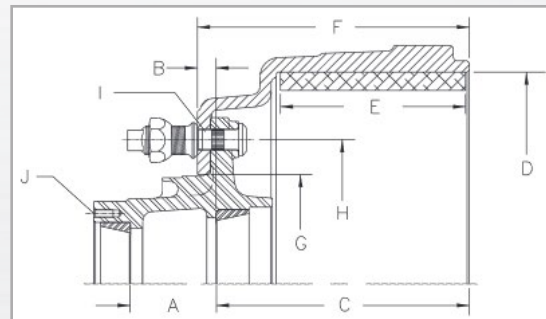


Item	Part Number	Qty per Axle	Description	Comments
0	8-29-8	1	LH Assembly Hub & Drum 10 Stud 11 1/4" BC	Use Ball Seat Mtg. Steel Wheels
0	8-29-79	1	RH Assembly Hub & Drum 10 Stud 11 1/4" BC	Use Ball Seat Mtg. Steel Wheels
ns	8-29-82	1	LH Assembly Hub & Drum 10 Stud 11 1/4" BC ABS	Use Ball Seat Mtg. Steel Wheels
ns	8-29-81	1	RH Assembly Hub & Drum 10 Stud 11 1/4" BC ABS	Use Ball Seat Mtg. Steel Wheels
1	8-29-68	1	LH Assembly Hub 10 Stud 11 1/4" BC	Includes items 3-5
1	8-29-67	1	RH Assembly Hub 10 Stud 11 1/4" BC	Includes items 3-5
ns	8-29-7	1	LH Assembly Hub 10 Stud 11 1/4" BC ABS	Includes items 3-5
ns	8-29-69	1	RH Assembly Hub 10 Stud 11 1/4" BC ABS	Includes items 3-5
ns	24-20-1	1	ABS Tone Ring	Included with ABS Hubs
3	31-26-1	1	Inner Bearing Cup (HM218210)	
4	31-27-1	1	Outer Bearing Cup (HM212011)	
5	7-242-1	10	LH Stud, Press-In	1.38" Stud Stand Out Length
5	7-242-0	10	RH Stud, Press-In	1.38" Stud Stand Out Length
6	9-43-3	1	Drum 16 1/2" x 7"	
9	6-69-2	10	LH Inner Cap Nut	For Steel Disc Wheels
9	6-69-1	10	RH Inner Cap Nut	For Steel Disc Wheels
9	6-124-2	10	LH Inner Cap Nut	For Aluminum Disc Wheels
9	6-124-1	10	RH Inner Cap Nut	For Aluminum Disc Wheels
10	6-70-2	10	LH Outer Cap Nut	
10	6-70-1	10	RH Outer Cap Nut	
11	71-124	1	Gasket - Oil Cap	
12	21-38-2	1	Oil Cap (with vent plug)	
13	5-100	6	Lock Washer - Oil Cap	
14	7-157	6	Cap Screw - Oil Cap	

ns - not shown

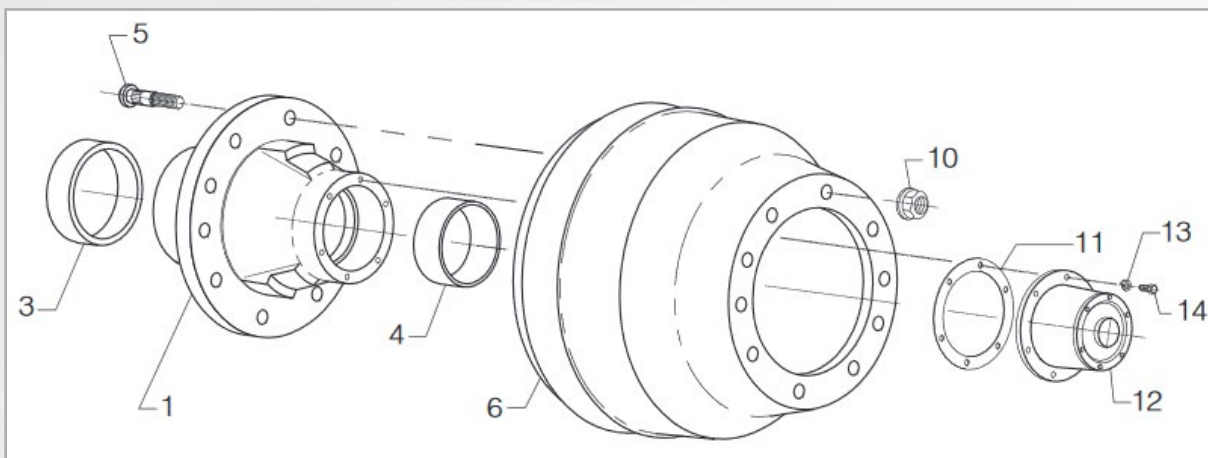
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.73"
C	Cup to End of Drum	9.87"
D	Brake Diameter	16.50"
E	Shoe Brake Width	7.00"
F	Drum Overall Width	10.60"
G	Pilot Diameter	8.78"
H	Bolt Circle	11.25"
I	Bolt Diameter	3/4"
J	Hub Cap Hole Mtg.	5/16"
		6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



Hubs & Drums 16 1/2" x 7" Brake Size 10 Stud on 285.75mm (11.25") Hub Piloted with Outboard Drums

For use with 20", 22.5" or 24.5" 220mm piloted disc wheels

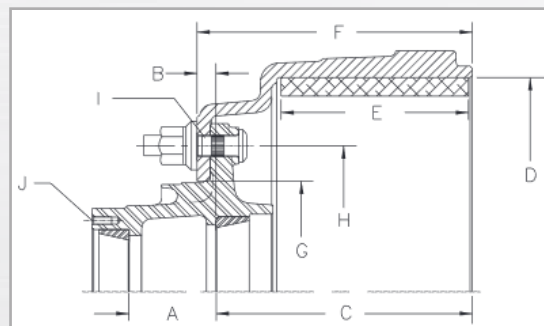


Item	Part Number	Qty per Axle	Description	Comments
0	8-29-32	1	Assembly Hub & Drum 10 Stud 285.75mm BC	Use Pilot Mtg. Steel Wheels
ns	8-29-34	1	Assembly Hub & Drum 10 Stud 285.75mm BC	Use Pilot Mtg. Aluminum Wheels
ns	8-29-33	1	Assembly Hub & Drum 10 Stud 285.75mm BC ABS	Use Pilot Mtg. Steel Wheels
ns	8-29-35	1	Assembly Hub & Drum 10 Stud 285.75mm BC ABS	Use Pilot Mtg. Aluminum Wheels
1	8-29-13	1	Assembly Hub 10 Stud 285.75mm	Includes items 3-5 for Steel Wheels
ns	8-29-14	1	Assembly Hub 10 Stud 285.75mm	Includes items 3-5 for Aluminum Wheels
ns	8-26-16	1	Assembly Hub 10 Stud 285.75mm ABS	Includes items 3-5 for Steel Wheels
ns	8-29-17	1	Assembly Hub 10 Stud 285.75mm ABS	Includes items 3-5 for Aluminum Wheels
ns	24-20-1	1	ABS Tone Ring	Included with ABS hubs
3	31-26-1	1	Inner Bearing Cup (HM218210)	
4	31-27-1	1	Outer Bearing Cup (HM212011)	
5	7-194	10	Stud, Press-In M22 x 1.5	2.47" Stud Length for Steel Wheels
5	7-195	10	Stud, Press-In M22 x 1.5	3.32" Stud Length for Aluminum Wheels
6	9-43-3	1	Drum 16 1/2" x 7"	
10	6-118	10	Swivel Flange Nut	
11	71-124	1	Gasket - Oil Cap	
12	21-38-2	1	Oil Cap (with vent plug)	
13	5-100	6	Lock Washer - Oil Cap	
14	7-157	6	Cap Screw - Oil Cap	

ns - not shown

Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.73"
C	Cup to End of Drum	9.87"
D	Brake Diameter	16.50"
E	Shoe Brake Width	7.00"
F	Drum Overall Width	10.60"
G	Pilot Diameter	8.78"
H	Bolt Circle	285.75mm (11.25")
I	Bolt Diameter	M22 x 1.5
J	Hub Cap Hole Mtg.	5/16"
		6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



Description	Dexter	Webb	Erie	Dayton Walther	KIC	Gunite
Assembly 8 on 275mm BC; Outboard 12 1/4" Brake*	008-396-70	20271CW4	n/a	n/a	001-00133	n/a
Assembly 8 on 275mm BC; Outboard 12 1/4" Brake-ABS*	008-396-71	20271CW4T	n/a	n/a	001-00133T	n/a
Assembly 8 on 275mm BC; Outboard 12 1/4" Brake*	008-396-72	20271CW6	n/a	n/a	001-00133L	n/a
Assembly 8 on 275mm BC; Outboard 12 1/4" Brake-ABS*	008-396-73	20271CW6T	n/a	n/a	001-00133LT	n/a
Assembly 10 on 8 3/4" BC RH; Inboard 12 1/4" Brake*	008-277-70	10519CLMR	n/a	n/a	001-10511	n/a
Assembly 10 on 8 3/4" BC RH; Inboard 12 1/4" Brake-ABS*	008-277-28	10519CLMRT	n/a	n/a	001-10511T	n/a
Assembly 10 on 8 3/4" BC LH; Inboard 12 1/4" Brake*	008-277-71	10519CLML	n/a	n/a	001-10512	n/a
Assembly 10 on 8 3/4" BC LH; Inboard 12 1/4" Brake-ABS*	008-277-29	10519CLMLT	n/a	n/a	001-10512T	n/a
Assembly 15" 3-Spoke; 12 1/4" Brake	008-269-xx	70159CCA	950-2700-10	48-14054-054	001-70003H	5785-1
Assembly 15" 3-Spoke; 12 1/4" Brake-ABS	008-269-xx	70159CCA180	950-2700-10-A	48-15613-056	001-70003IH	5785-2
Assy 10 on 11 1/4" BC RH; 9.44 Pilot Inboard 16 1/2" Brake*	008-279-70	10019 BE_R	704-2760 RH	n/a	n/a	5559-RH1
Assy 10 on 11 1/4" BC LH; 9.44 Pilot Inboard 16 1/2" Brake*	008-279-71	10019 BF_L	704-2760 LH	n/a	n/a	5559-LH1
Assy 10 on 11 1/4" BC RH; 8.78 Pilot Outboard 16 1/2" Brake*	008-290-79	20231UQ_R	Call Erie sales office 814-452-6431 for assistance.	n/a	001-00126	n/a
Assy 10 on 11 1/4" BC RH; 8.78 Pilot Outboard 16 1/2" Brake-ABS*	008-290-81	20231UQ_RT		n/a	001-00126T	n/a
Assy 10 on 11 1/4" BC LH; 8.78 Pilot Outboard 16 1/2" Brake*	008-290-80	20231UQ_L		n/a	001-00127	n/a
Assy 10 on 11 1/4" BC LH; 8.78 Pilot Outboard 16 1/2" Brake-ABS*	008-290-82	20231UQ_LI		n/a	001-00127I	n/a
Assy 10 on 285.75mm BC; 8.78 Pilot Outboard 16 1/2" Brake*	008-290-32	Heavy Duty 20231UQ4 or Extra Hvy 20231UH4	706-2764-5 with 5324 Studs for Steel Wheels	n/a	Heavy Duty 001 0012b	n/a
Assy 10 on 285.75mm BC; 8.78 Pilot Outboard 16 1/2" Brake-ABS*	008-290-33	Heavy Duty 20231UQ4T or Extra Hvy 20231UH4T	706-2764-5-A with 5424 Studs for Steel Wheels	n/a	Heavy Duty 001-0125T	n/a
Assy 10 on 285.75mm BC; 8.78 Pilot Outboard 16 1/2" Brake*	008-290-34	Heavy Duty 20231UQ6 or Extra Hvy 20231UH6	706-2764-5-A with 5322 Studs for Aluminum Wheels	n/a	Heavy Duty 001-0125L	n/a
Assy 10 on 285.75mm BC; 8.78 Pilot Outboard 16 1/2" Brake-ABS*	008-290-35	Heavy Duty 20231UQ6T or Extra Hvy 20231UH6T	706-2764-5-A with 5322 Studs for Aluminum Wheels	n/a	Heavy Duty 001 0125LI	n/a
Assembly 20" 5-Spoke; 16 1/2" Brake	008-267-xx	75209GCA	904-2738-1	48-14018-051	001-75207H	5763-1
Assembly 20" 5-Spoke; 16 1/2" Brake-ABS	008-267-xx	75209GCAI	904-2738-1-A	n/a	001-75207IH	5763-2

xx = See Hubs & Drums section for part number that varies with manufacturer.

The following listed part numbers have a drum pilot diameter of 8.53". These are obsolete and are available as service parts only, not to be used for new construction.

For new assemblies having 8.78" diameter drum pilot, see the above part numbers 008-290-79; -80; -81; -82.

Description	Dexter	Webb	Erie	Dayton Walther	KIC	Gunite
Assy 10 on 11 1/4" BC RH; 8.53 Pilot Outboard 16 1/2" Brake*	008-290-20	10209FRMR	705-2764 RH	n/a	n/a	5631-RH1
Assy 10 on 11 1/4" BC RH; 8.53 Pilot Outboard 16 1/2" Brake-ABS*	008-290-57	10209FRMRT	705-2764 RH-A	n/a	n/a	n/a
Assy 10 on 11 1/4" BC LH; 8.53 Pilot Outboard 16 1/2" Brake*	008-290-21	10209FRML	705-2764 LH	n/a	n/a	5631-LH1
Assy 10 on 11 1/4" BC LH; 8.53 Pilot Outboard 16 1/2" Brake-ABS*	008-290-58	10209FRMLI	705-2764 LH-A	n/a	n/a	n/a

Interchange Reference Information

The interchange reference information listed herein is based on the best available information at the time of publication and is to be used at a guide only. Although every care has been taken in order to ensure the accuracy of these interchanges, Dexter does not assume any liability for errors, changes, omissions, or for harm resulting therefrom. It is recommended that all parts be thoroughly checked for proper form, fit and function prior to installation and usage to determine interchangeability.

* Steel Wheels

+ Aluminum Wheels



FORTRESS™
SUPERIOR BEARING PROTECTION

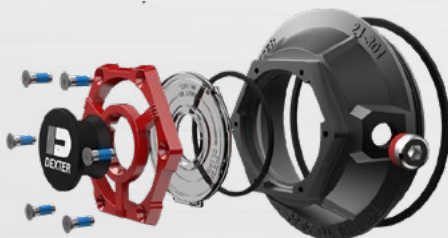


**DURABILITY
IN EVERY DETAIL**

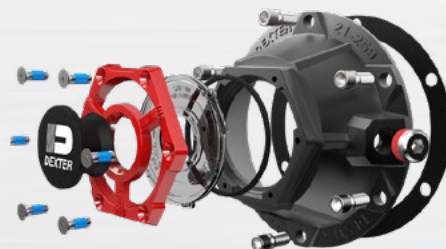
Capacity	Type	Diameter	Kit	Description
5200 - 8000 LBS (Dexter, Rockwell, Lippert)	Threaded	2.875"	21-303	Aluminum Oil Cap Kit
9000 - 10000 GD LBS (Dexter)	Threaded	3.500"	21-302	Aluminum Oil Cap Kit
10000 HD - 15000 LBS (Dexter)	Threaded	4.000"	21-301	Aluminum Oil Cap Kit
10000 - 16000 LBS (AL-KO & Rockwell)	Threaded	3.750"	21-304	Aluminum Oil Cap Kit
10000 - 16000 LBS (Lippert)	Threaded	4.000"	21-305	Aluminum Oil Cap Kit

Capacity	Type	Kit	Description
Medium Duty 9000 - 12000 LBS (Dexter)	Bolt-On	21-259	Aluminum Oil Cap Kit

THREADED CAP



BOLT-ON CAP

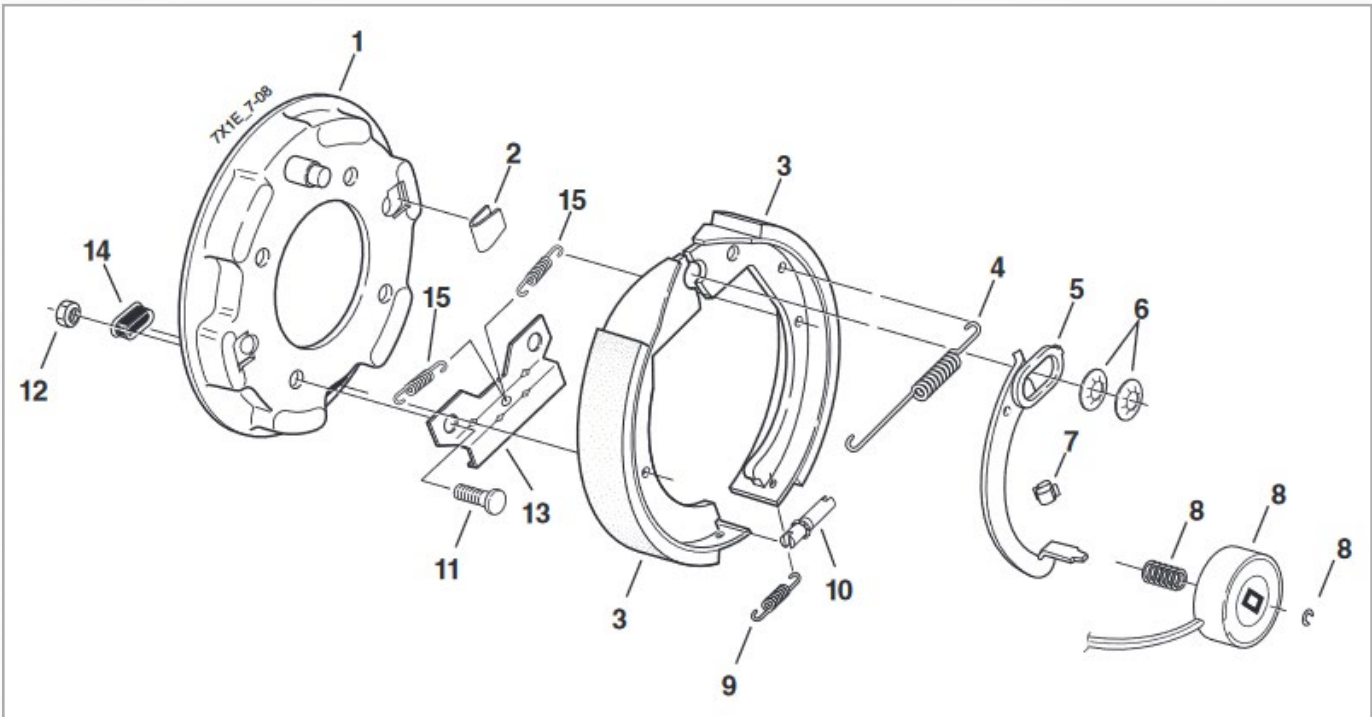


Section D

Brakes and Components

1000-2200lb Capacity	D-1 & D-2
2300-4000lb Capacity	D-3 thru D-5
4100-6000lb Capacity	D-6 thru D-8
5500-7000lb Capacity	D-9 thru D-14
7200lb Capacity	D-15 & D-16
8000lb Capacity	D-17 thru D-19
Electric Brakes	D-20 thru D-22
Hydraulic Brakes	D-23 thru D-25
Air Brakes	D-26
Axle/Brake Components	D-27 & D28
Camshafts	D-29
Air Chambers	D-30





Electric Brake

This brake is rated to a maximum capacity of 2200lbs / pair.

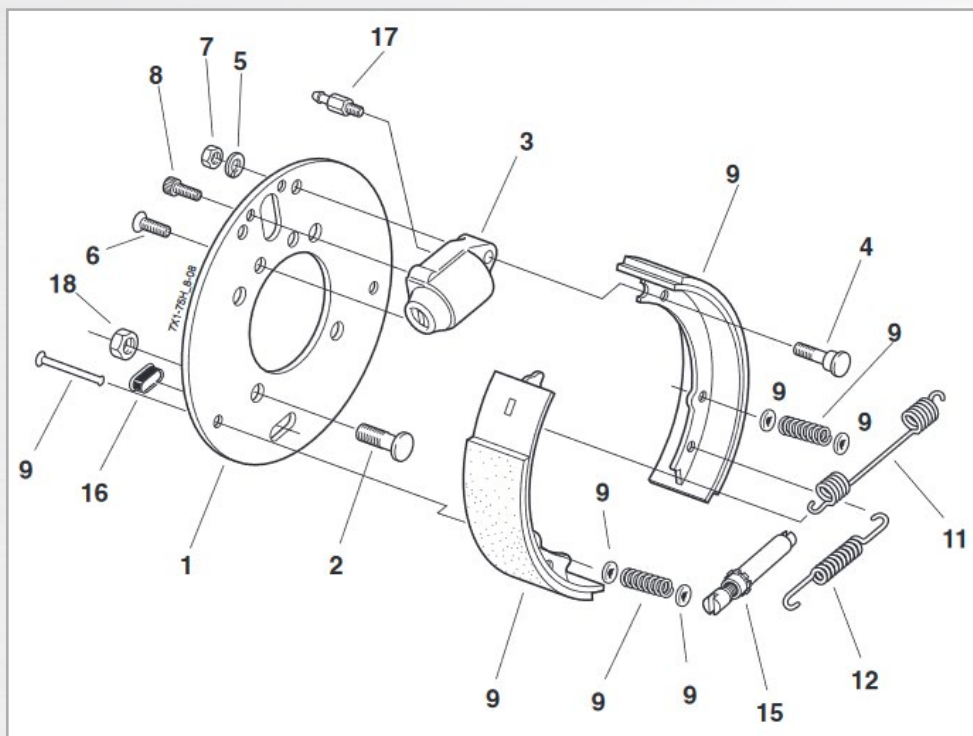
Item	Part Number	Qty per Brake	Description
0	K23-47	1	LH Complete Brake Assembly (shown)
0	K23-48	1	RH Complete Brake Assembly
1	36-36-4	1	Backing Plate Assembly (Includes items 11 & 13)
2	46-23	2	Shoe Hold Down Clip
3	K71-45	1	Shoe and Lining Kit Contains: 1 #40-125 Primary Shoe & Lining 1 #40-49 Secondary Shoe & Lining
4	46-24	1	Retractor Spring
5	47-114-3	1	LH Actuating Lever Arm
5	47-115-3	1	RH Actuating Lever Arm
6	46-30	2	Anchor Post Clip
7	27-05	1	Wire Clip
For brakes manufactured after 4/1/90			
8	K71-57	1	Magnet Kit Contains: 1 #42-134 Magnet 1 #46-121 Magnet Clip 1 #46-86 Magnet Spring
9	46-22	1	Adjusting Screw Spring
10	43-21	1	Adjusting Screw
11	7-41	4	Brake Mounting Bolt - Press-In
*12	6-17	4	Brake Mounting Nut
13	64-01	1	Stabilizer Bracket
14	46-07	1	Adjuster Slot Plug
For brakes manufactured after 8/1/91			
15	46-114	2	Shoe Centering Spring

* Not included with complete brake assembly. Item sold separately.

1000 - 2200 LBS CAPACITY

7" x 13/4" Hydraulic Brake

CSA approved at 2500#/11.2 SLR

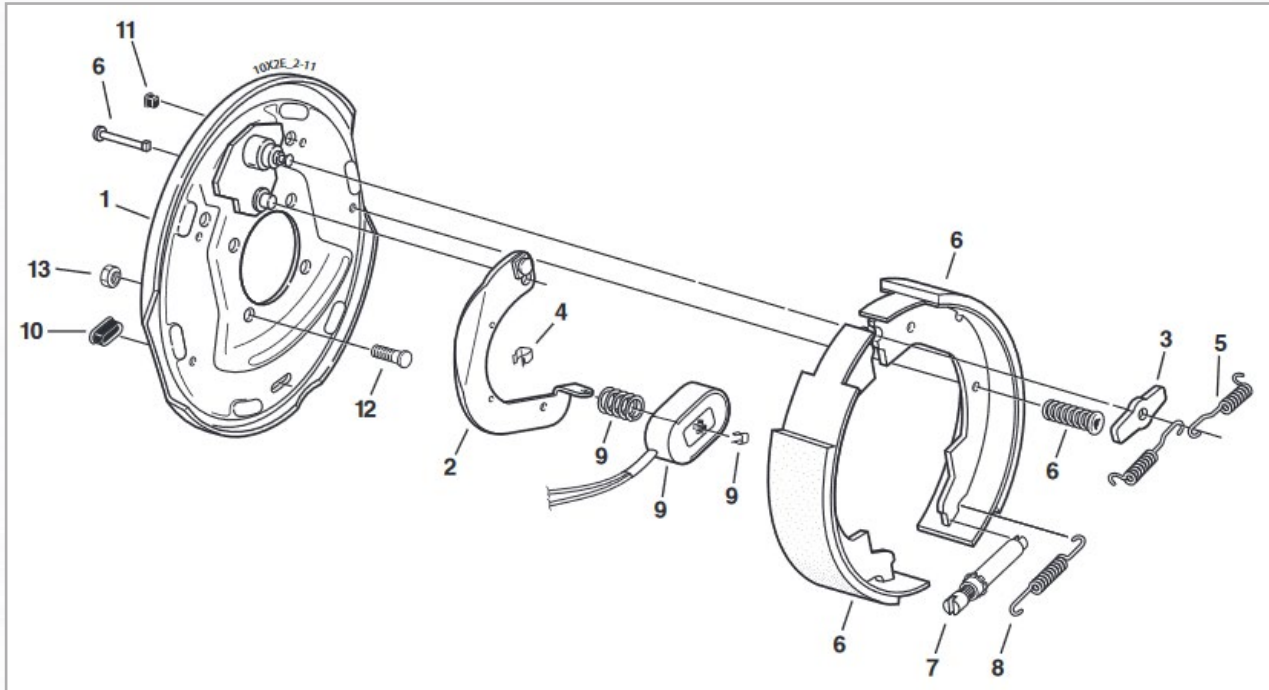


Hydraulic Brake

This brake is rated to a maximum capacity of 2500lbs / pair.

Item	Part Number	Qty per Brake	Description
0	K23-398	1	LH Complete Brake Assembly (shown)
0	K23-399	1	RH Complete Brake Assembly
1	36-38	1	Backing Plate
2	7-41	4	Brake Mounting Bolt - Press-in
3	54-8-3	1	Wheel Cylinder Assembly - LH (includes item 17)
3	54-8-4	1	Wheel Cylinder Assembly - RH (includes item 17)
4	38-72	1	Anchor Post
5	5-04	1	Lock Washer
6	7-235	1	Counter Sunk Cap Screw
7	6-10	1	Hex Nut
8	7-234	1	Socket Head Cap Screw
9	K71-466	1	Shoe & Lining Kit Contains:
		1	#4-327-1 Primary Shoe & Lining
		1	#4-328-1 Secondary Shoe & Lining
		2	#46-06 Shoe Hold Down Spring
		4	#35-01 Shoe Hold Down Spring Cup
		2	#49-14 Shoe Hold Down Pin
11	46-126	1	Retractor Spring
12	46-127	1	Adjusting Screw Spring
15	43-04	1	Adjuster Screw Assembly
16	46-07	1	Adjuster Slot Plug
17	54-84	1	Bleeder Screw 6mm Thread (brakes before 1/97)
17	54-88	1	Bleeder Screw 7mm Thread (brakes after 1/97)
*18	6-17	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.



Electric Brake

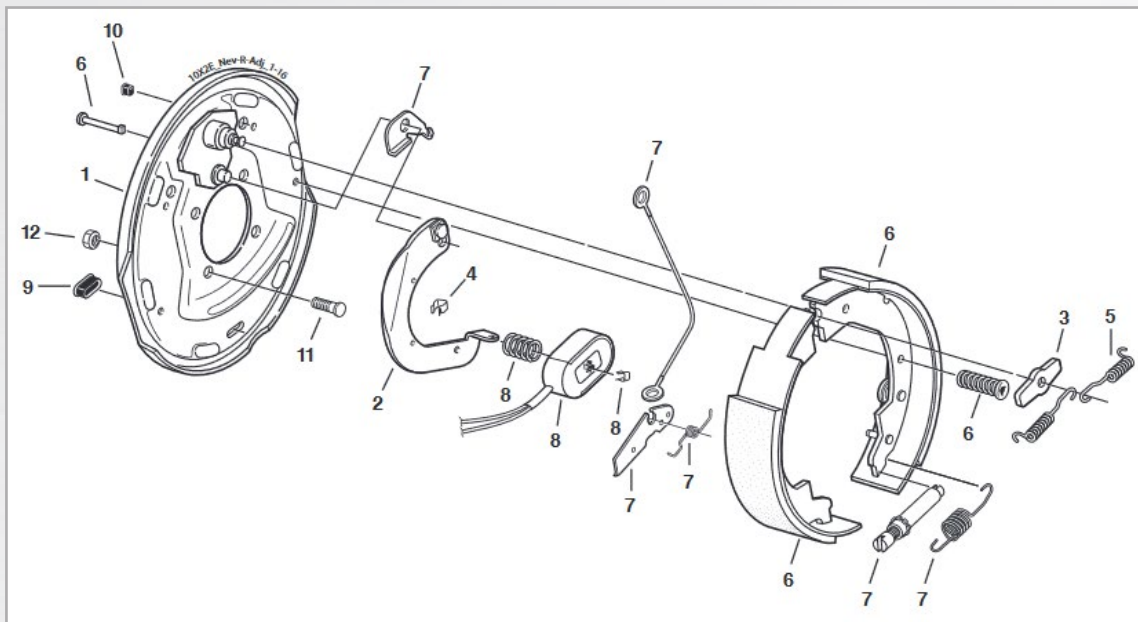
Item	Part Number	Qty per Brake	Description
0	K23-26	1	LH Complete Brake Assembly (shown)
0	K23-27	1	RH Complete Brake Assembly
1	36-19-1	1	Backing Plate Assembly
2	47-19-5	1	LH Actuating Lever Arm
2	47-20-5	1	RH Actuating Lever Arm
3	5-67	1	Washer
4	27-05	2	Wire Clip
5	46-09	2	Retractor Spring
6	K71-47	1	Shoe & Lining Kit Contains: 1 #40-17 Primary Shoe & Lining 1 #40-21 Secondary Shoe & Lining 2 #49-02 Shoe Hold Down Pin #8 2 #46-77 Shoe Hold Down Spring & Cup
7	43-04	1	Adjuster Assembly
8	46-18	1	Adjusting Screw Spring
9	K71-104	1	Magnet Kit Contains: 1 #42-14 Magnet (green wire) 1 #27-09 Magnet Clip 1 #46-80 Magnet Spring (before 7/16) 1 #46-175 Magnet Spring (after 7/16)
10	46-07	2	Adjuster Slot Plug
11	46-16	1	Wire Grommet
12	7-41	4	Brake Mounting Bolt - Press-In
*13	6-17	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

2300 - 4000 LBS CAPACITY

D35, #10 10" x 21/4" Nev-R-Adjust® Electric Brake

CSA approved at 3500#/13.3 SLR



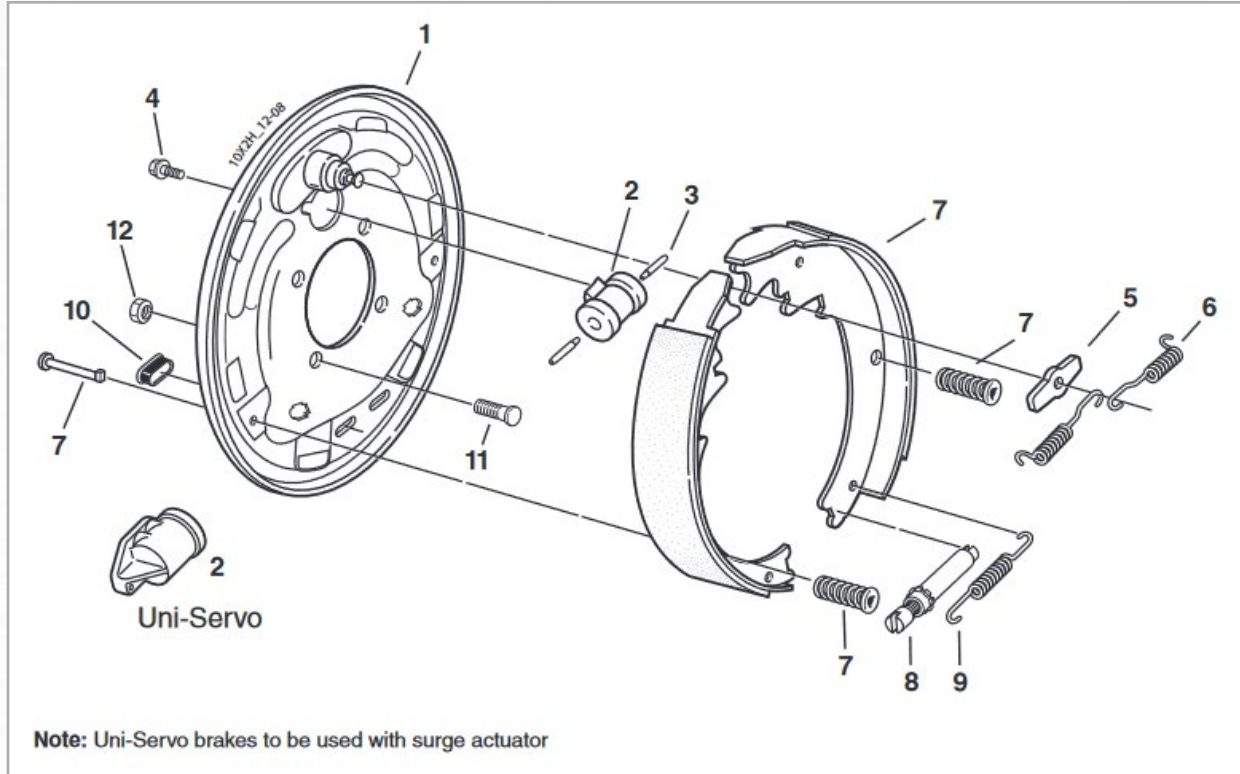
Electric Brake

Item	Part Number	Qty per Brake	Description
0	K23-468	1	LH Complete Brake Assembly (shown)
0	K23-469	1	RH Complete Brake Assembly
1	36-19-1	1	Backing Plate Assembly
2	47-19-1	1	LH Actuating Lever Arm
2	47-20-1	1	RH Actuating Lever Arm
3	5-67	1	Washer
4	27-05	2	Wire Clip
5	46-09	2	Retractor Spring
6	K71-681 (LH)	1	LH Shoe & Lining Kit Contains:
			1 #40-367 Primary Shoe & Lining
			1 #40-368-1 Secondary Shoe & Lining
			2 #49-02 Shoe Hold Down Pin #8
			2 #46-77 Shoe Hold Down Spring & Cup
	K71-682 (RH)	1	RH Shoe & Lining Kit Contains:
			1 #40-367 Primary Shoe & Lining
			1 #40-368-2 Secondary Shoe & Lining
			2 #49-02 Shoe Hold Down Pin #8
			2 #46-77 Shoe Hold Down Spring & Cup
7	K71-703	1	LH & RH Brake Adjuster Kit Contains:
			2 #46-139 Adjusting Screw Spring
			1 #46-140 LH Lever Spring
			1 #46-141 RH Lever Spring
			1 #48-22 LH Adjuster Assembly
			1 #48-23 RH Adjuster Assembly
			2 #71-529 Hook for Cable
			1 #71-532-1 LH Adjusting Lever
			1 #71-532-2 RH Adjusting Lever
			2 #71-533 Adjuster Cable
			1 #71-655-1 LH Cable Lever
			1 #71-655-2 RH Cable Lever
			2 #71-656 Adjuster Cable
8	K71-104	1	Magnet Kit Contains:
			1 #42-14 Magnet (green wire)
			1 #27-09 Magnet Clip
			1 #46-80 Magnet Spring (before 7/16)
			1 #46-175 Magnet Spring (after 7/16)
9	46-07	2	Adjuster Slot Plug
10	46-16	1	Wire Grommet
11	7-41	4	Brake Mounting Bolt - Press-In
*12	6-17	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

2300 - 4000 LBS CAPACITY D35, #10 10" x 2 1/4" Hydraulic Brake

CSA approved at 3500#/14.0 SLR; Uni-Servo



Hydraulic Brake

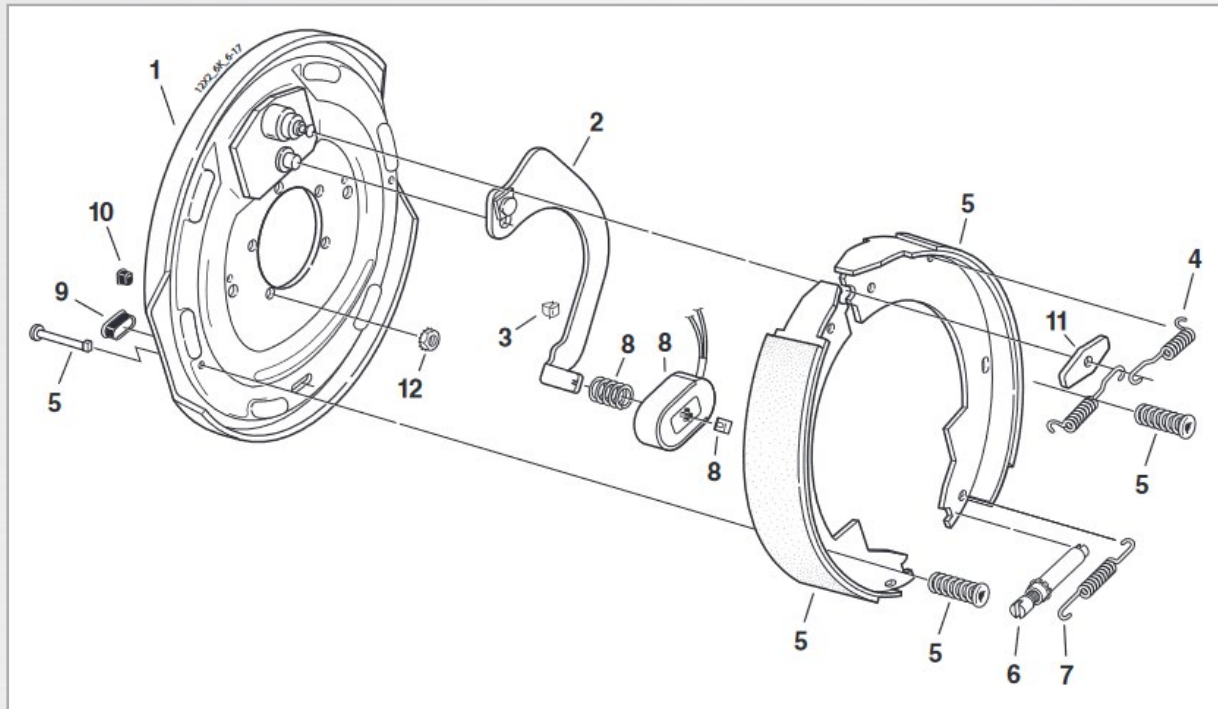
Item	Part Number	Qty per Brake	Description
0	K23-31	1	LH Complete Brake Assembly - DS
0	K23-311	1	RH Complete Brake Assembly - DS
0	K23-312	1	LH Complete Brake Assembly - US
0	K23-313	1	RH Complete Brake Assembly - US (shown)
1	36-94-3	1	Backing Plate Assembly (includes item 11)
2	54-62	1	LH Brake Cylinder Duo-Servo
2	54-63	1	RH Brake Cylinder Duo-Servo
2	54-64	1	LH Brake Cylinder Uni-Servo
2	54-65	1	RH Brake Cylinder Uni-Servo
3	54-60	1 or 2	Cylinder Push Rod US (1) DS (2)
4	87-01	2	Sems (Screw & Washer Assembly)
5	5-113	1	Anchor Post Washer
6	46-09	2	Retractor Spring
7	K71-267	1	Shoe & Lining Kit Contains: 1 #4-210 Primary Shoe & Lining 1 #4-211 Secondary Shoe & Lining 2 #46-77 Shoe Hold Down Spring & Cup 2 #49-02 Shoe Hold Down Pin #8
8	43-04	1	Adjuster Assembly
9	46-18	1	Adjusting Screw Spring
10	46-07	1	Adjuster Slot Plug
11	7-41	4	Brake Mounting Bolt - Press-In
*12	6-17	4	Brake Mounting Nut
ns	54-89	1	Bleeder Screw (included with item 2)

* Not included with complete brake assembly. Item sold separately.

ns - not shown

4100 - 6000 LBS CAPACITY D52, D60 12" x 2" Electric Brake

CSA approved at 6000#/14.2 SLR



Electric Brake 6000# (CSA 6000#)

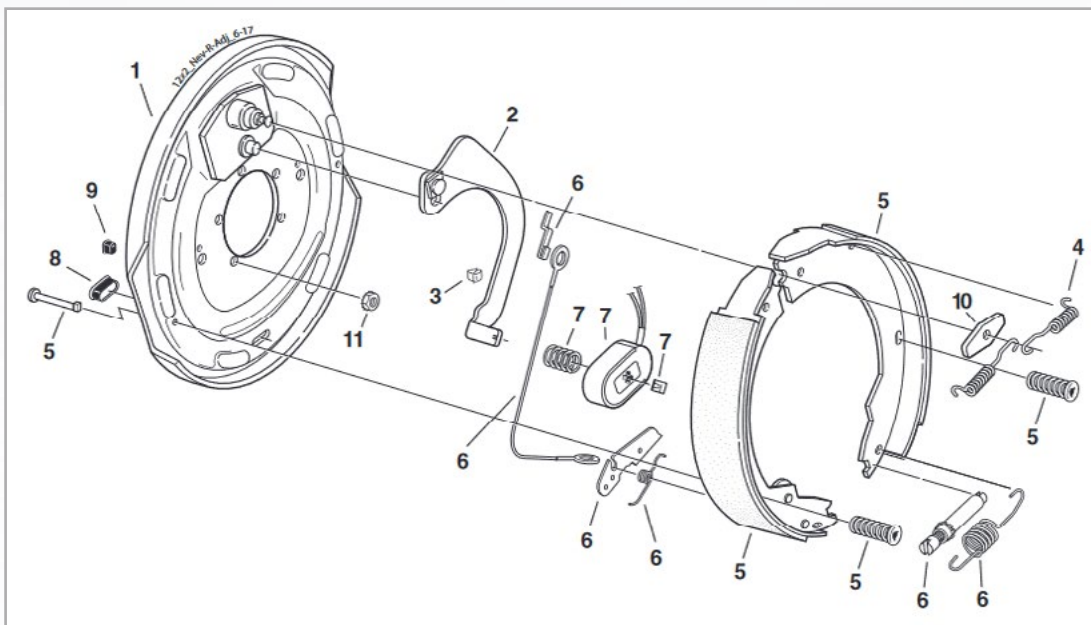
Item	Part Number	Qty per Brake	Description
0	K23-105	1	LH Complete Brake Assembly (shown)
0	K23-106	1	RH Complete Brake Assembly
1	36-89-1	1	Backing Plate Assembly
2	47-107-5	1	LH Actuating Lever Arm Assembly
2	47-108-5	1	RH Actuating Lever Arm Assembly
3	27-05	2	Wire Clip
4	46-09	2	Retractor Spring
5	K71-127	1	Shoe & Lining Kit Contains: 1 #40-215 Primary Shoe & Lining 1 #40-216 Secondary Shoe & Lining 2 #49-11 Shoe Hold Down Pin #8 2 #46-77 Shoe Hold Down Spring & Cup
6	43-4	1	Adjuster Assembly
7	46-18	1	Adjusting Screw Spring
8	K71-105	1	Magnet Kit Contains: 1 #42-149 Magnet (green wire) 1 #27-09 Magnet Clip 1 #46-80 Magnet Spring (before 7/16) 1 #46-175 Magnet Spring (after 7/16)
9	46-07	2	Adjuster Slot Plug
10	46-16	1	Wire Grommet
11	5-67	1	Anchor Post Washer
*12	6-193	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

4100 - 6000 LBS CAPACITY

D52, D60 12" x 2" Nev-R-Adjust® Electric Brake

CSA approved at 6000#/14.2 SLR

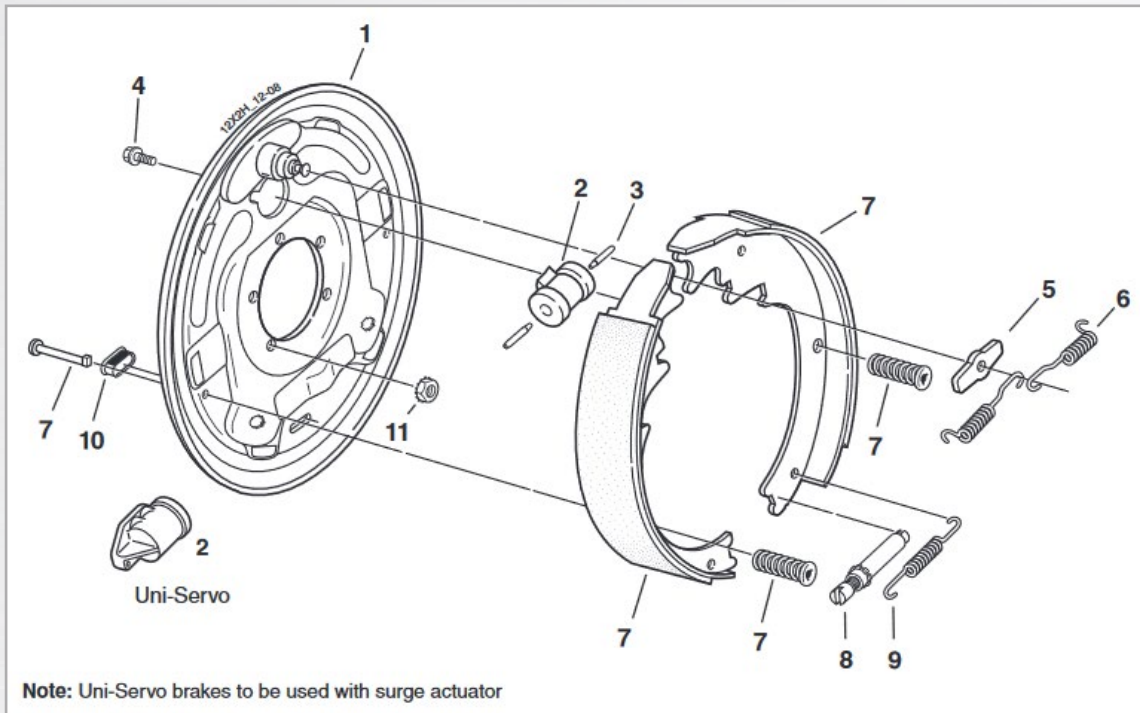


Electric Brake 6000# (CSA 6000#)

Item	Part Number	Qty per Brake	Description
0	K23-458	1	LH Complete Brake Assembly (shown)
0	K23-459	1	RH Complete Brake Assembly
1	36-89-1	1	Backing Plate Assembly
2	47-107-5	1	LH Actuating Lever Arm Assembly
2	47-108-5	1	RH Actuating Lever Arm Assembly
3	27-05	2	Wire Clip
4	46-09	2	Retractor Spring
5	K71-675 (LH)	1	LH Shoe & Lining Kit Contains: 1 #40-215 Primary Shoe & Lining 1 #40-216-1 Secondary Shoe & Lining 2 #49-11 Shoe Hold Down Pin #2 2 #46-77 Shoe Hold Down Spring & Cup
5	K71-676 (RH)	1	RH Shoe & Lining Kit Contains: 1 #40-215 Primary Shoe & Lining 1 #40-216-2 Secondary Shoe & Lining 2 #49-11 Shoe Hold Down Pin #2 2 #46-77 Shoe Hold Down Spring & Cup
6	K71-679	1	LH & RH Brake Adjuster Kit Contains: 2 #46-139 Adjusting Screw Spring 1 #46-140 LH Lever Spring 1 #46-141 RH Lever Spring 1 #48-22 LH Adjuster Assembly 1 #48-23 RH Adjuster Assembly 2 #71-528 Adjuster Cable 2 #71-529 Hook for Cable 1 #71-53-1 LH Adjusting Lever 1 #71-53-2 RH Adjusting Lever
7	K71-104	1	Magnet Kit Contains: 1 #42-149 Magnet (green wire) 1 #27-09 Magnet Clip 1 #46-80 Magnet Spring (before 7/16) 1 #46-175 Magnet Spring (after 7/16)
8	46-07	2	Adjuster Slot Plug
9	46-16	1	Wire Grommet
10	5-67	1	Anchor Post Washer
*11	6-193	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

4100 - 6000 LBS CAPACITY D52, D60 12" x 2" Hydraulic Brake

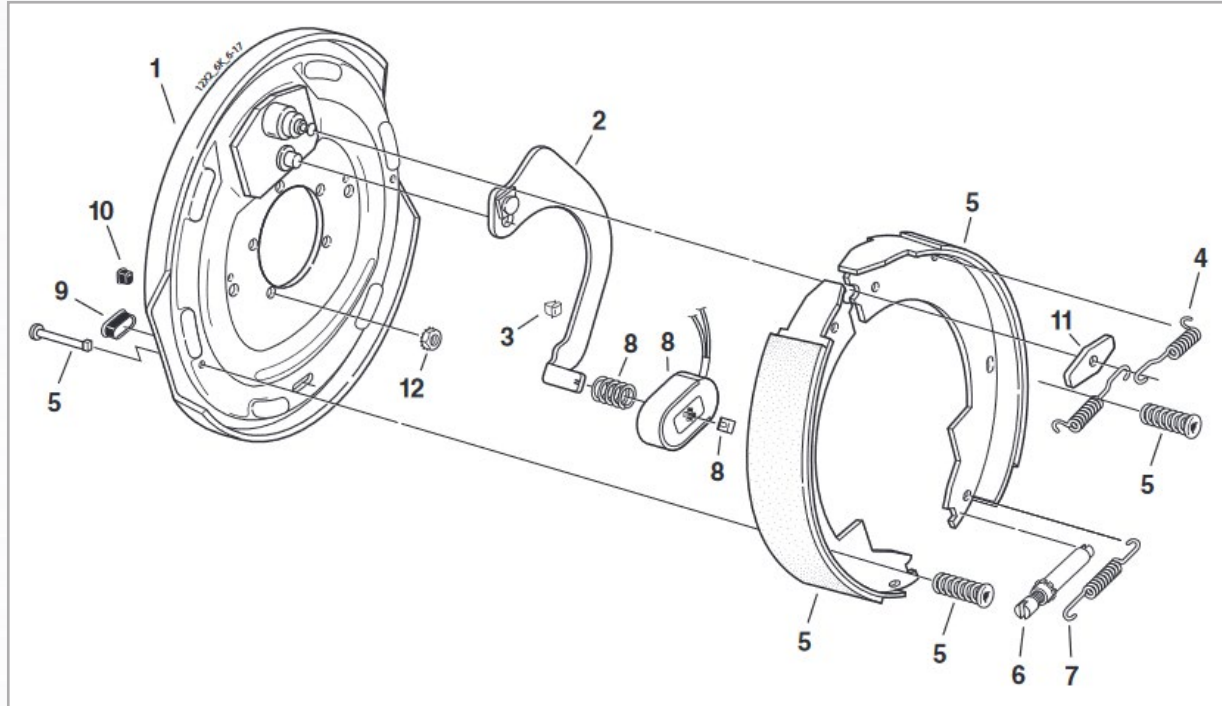


Hydraulic Brake 5200#

Item	Part Number	Qty per Brake	Description
0	K23-322	1	LH Complete Brake Assembly - DS
0	K23-323	1	RH Complete Brake Assembly - DS (shown)
0	K23-324	1	LH Complete Brake Assembly - US
0	K23-325	1	RH Complete Brake Assembly - US (shown)
1	36-93-3	1	Backing Plate Assembly
2	54-62	1	LH Brake Cylinder Duo-Servo
2	54-63	1	RH Brake Cylinder Duo-Servo
2	54-64	1	LH Brake Cylinder Uni-Servo
2	54-65	1	RH Brake Cylinder Uni-Servo
3	54-60	1 or 2	Cylinder Push Rod US (1) DS (2)
4	87-01	2	Sems (Screw & Washer Assembly)
5	5-113	1	Anchor Post Washer
6	46-101	2	Retractor Spring
7	K71-268	1	Shoe & Lining Kit Contains:
			1 #4-204 Primary Shoe & Lining
			1 #4-206 Secondary Shoe & Lining
			2 #46-77 Shoe Hold Down Spring & Cup
			2 #49-12 Shoe Hold Down Pin #4
8	43-29	1	Adjuster Assembly
9	46-102	1	Adjusting Screw Spring
10	46-07	1	Adjuster Slot Plug
*11	6-193	5	Nut Washer Assembly
ns	54-89	1	Bleeder Screw (included with item 2)

* Not included with complete brake assembly. Item sold separately.

ns - not shown



Electric Brake 6000# (CSA 6000#)

This brake is rated to a maximum capacity of 6000lbs / pair.

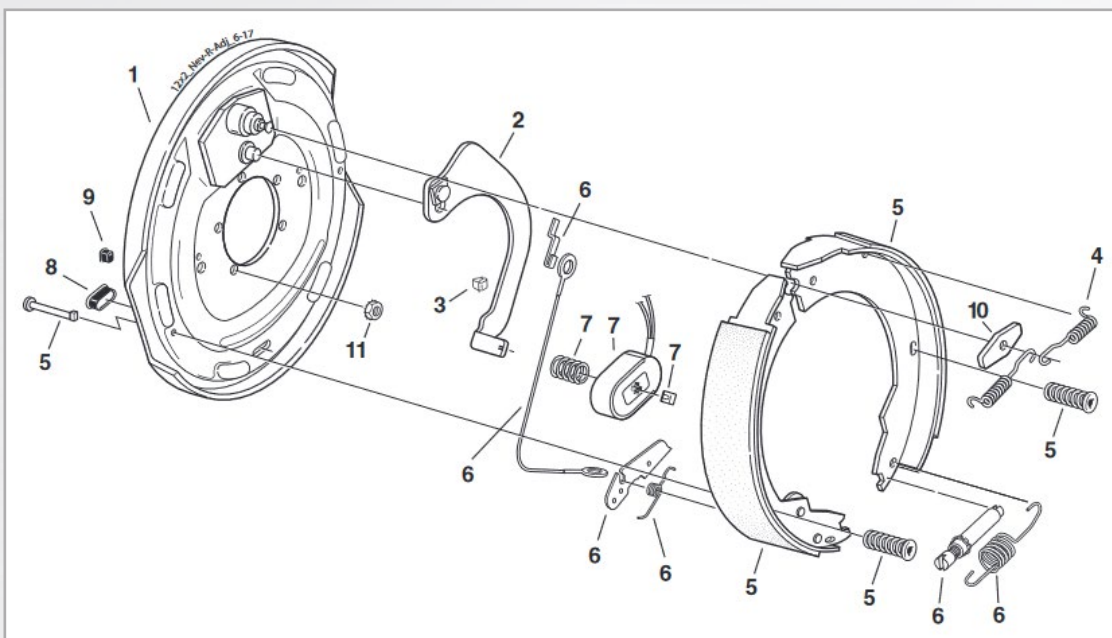
Item	Part Number	Qty per Brake	Description
0	K23-105	1	LH Complete Brake Assembly (shown)
0	K23-106	1	RH Complete Brake Assembly
1	36-89-1	1	Backing Plate Assembly
2	47-107-5	1	LH Actuating Lever Arm Assembly
2	47-108-5	1	RH Actuating Lever Arm Assembly
3	27-05	2	Wire Clip
4	46-09	2	Retractor Spring
5	K71-127	1	Shoe & Lining Kit Contains: 1 #40-215 Primary Shoe & Lining 1 #40-216 Secondary Shoe & Lining 2 #49-11 Shoe Hold Down Pin #8 2 #46-77 Shoe Hold Down Spring & Cup
6	43-4	1	Adjuster Assembly
7	46-18	1	Adjusting Screw Spring
8	K71-105	1	Magnet Kit Contains: 1 #42-149 Magnet (green wire) 1 #27-09 Magnet Clip 1 #46-80 Magnet Spring (before 7/16) 1 #46-175 Magnet Spring (after 7/16)
9	46-07	2	Adjuster Slot Plug
10	46-16	1	Wire Grommet
11	5-67	1	Anchor Post Washer
*12	6-193	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

5500 - 7000 LBS CAPACITY

12" x 2" 6K Nev-R-Adjust® Electric Brake

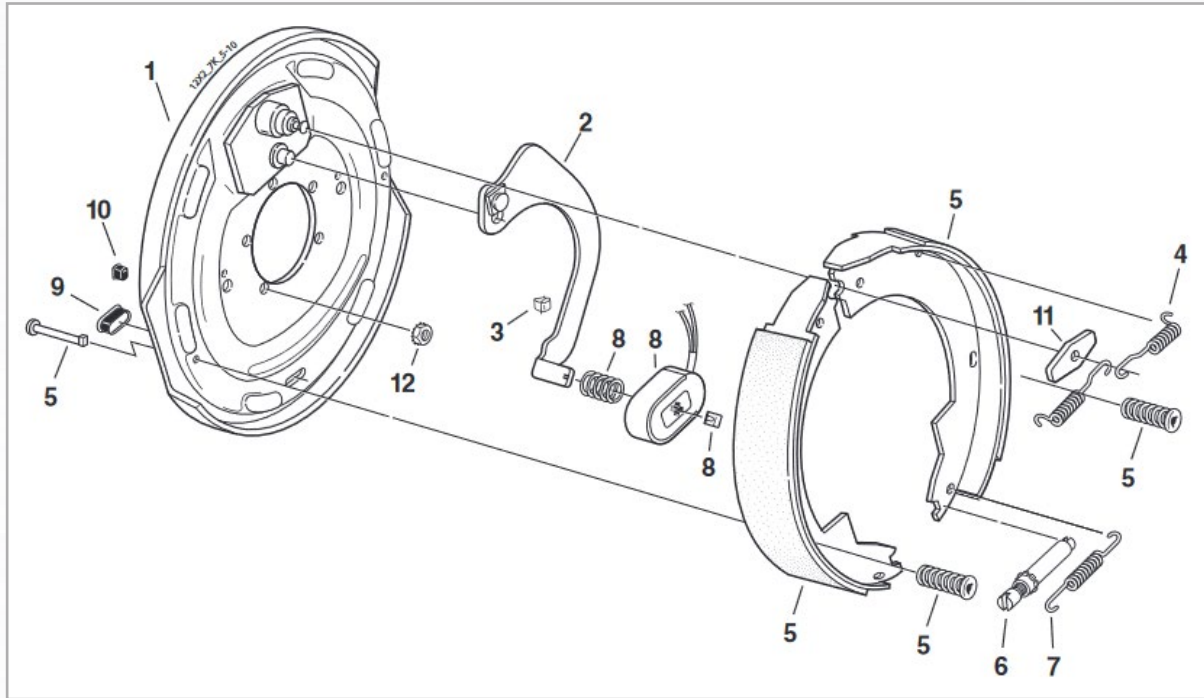
CSA approved at 6000#/14.2 SLR



Electric Brake 6000# (CSA 6000#)

Item	Part Number	Qty per Brake	Description
0	K23-458	1	LH Complete Brake Assembly (shown)
0	K23-459	1	RH Complete Brake Assembly
1	36-89-1	1	Backing Plate Assembly
2	47-107-5	1	LH Actuating Lever Arm Assembly
2	47-108-5	1	RH Actuating Lever Arm Assembly
3	27-05	2	Wire Clip
4	46-09	2	Retractor Spring
5	K71-675 (LH)	1	LH Shoe & Lining Kit Contains: 1 #40-215 Primary Shoe & Lining 1 #40-216-1 Secondary Shoe & Lining 2 #49-11 Shoe Hold Down Pin #2 2 #46-77 Shoe Hold Down Spring & Cup
5	K71-676 (RH)	1	RH Shoe & Lining Kit Contains: 1 #40-215 Primary Shoe & Lining 1 #40-216-2 Secondary Shoe & Lining 2 #49-11 Shoe Hold Down Pin #2 2 #46-77 Shoe Hold Down Spring & Cup
6	K71-679	1	LH & RH Brake Adjuster Kit Contains: 2 #46-139 Adjusting Screw Spring 1 #46-140 LH Lever Spring 1 #46-141 RH Lever Spring 1 #48-22 LH Adjuster Assembly 1 #48-23 RH Adjuster Assembly 2 #71-528 Adjuster Cable 2 #71-529 Hook for Cable 1 #71-53-1 LH Adjusting Lever 1 #71-53-2 RH Adjusting Lever
7	K71-105	1	Magnet Kit Contains: 1 #42-149 Magnet (green wire) 1 #27-09 Magnet Clip 1 #46-80 Magnet Spring (before 7/16) 1 #46-175 Magnet Spring (after 7/16)
8	46-07	2	Adjuster Slot Plug
9	46-16	1	Wire Grommet
10	5-67	1	Anchor Post Washer
*11	6-193	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.



Electric Brake 7000#

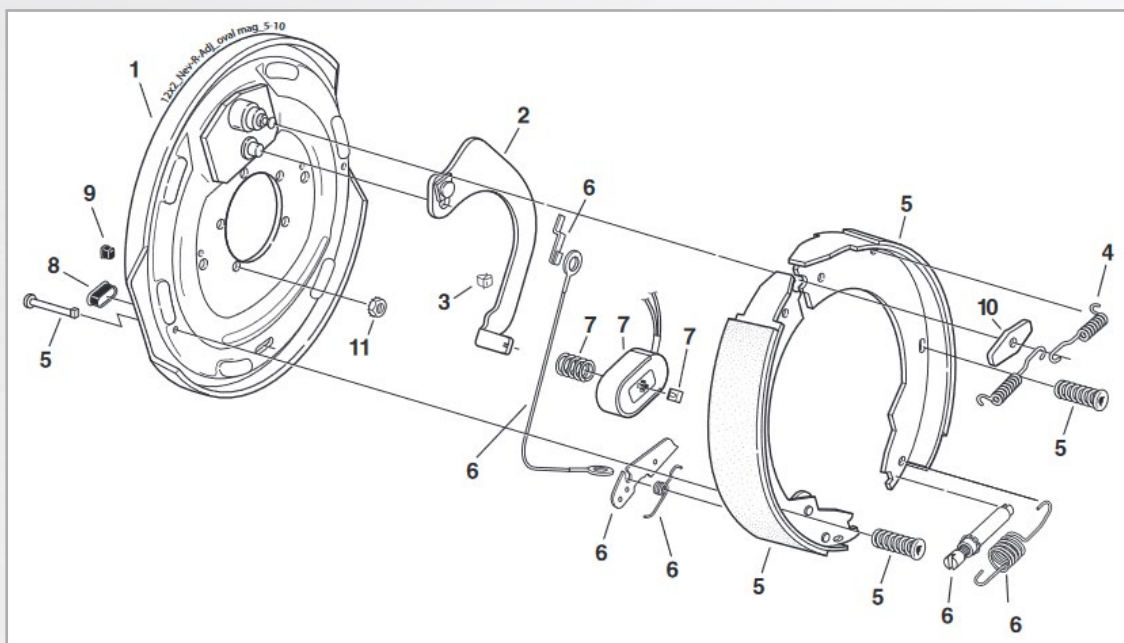
Item	Part Number	Qty per Brake	Description
0	K23-180	1	LH Complete Brake Assembly
0	K23-181	1	RH Complete Brake Assembly (shown)
1	36-89-1	1	Backing Plate Assembly
2	47-107-5	1	LH Actuating Lever Arm Assembly
2	47-108-5	1	RH Actuating Lever Arm Assembly
3	27-05	2	Wire Clip
4	46-09	2	Retractor Spring
5	K71-127	1	Shoe & Lining Kit Contains: 1 #40-215 Primary Shoe & Lining 1 #40-216 Secondary Shoe & Lining 2 #49-11 Shoe Hold Down Pin #2 2 #46-77 Shoe Hold Down Spring & Cup
6	43-4	1	Adjuster Assembly
7	46-18	1	Adjusting Screw Spring
8	K71-125	1	Magnet Kit Contains: 1 #42-143 Magnet (green wire) 1 #27-09 Magnet Clip 1 #46-80 Magnet Spring (before 7/16) 1 #46-175 Magnet Spring (after 7/16)
9	46-07	2	Adjuster Slot Plug
10	46-16	1	Wire Grommet
11	5-67	1	Anchor Post Washer
*12	6-193	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

5500 - 7000 LBS CAPACITY

12" x 2" 7K Nev-R-Adjust® Electric Brake

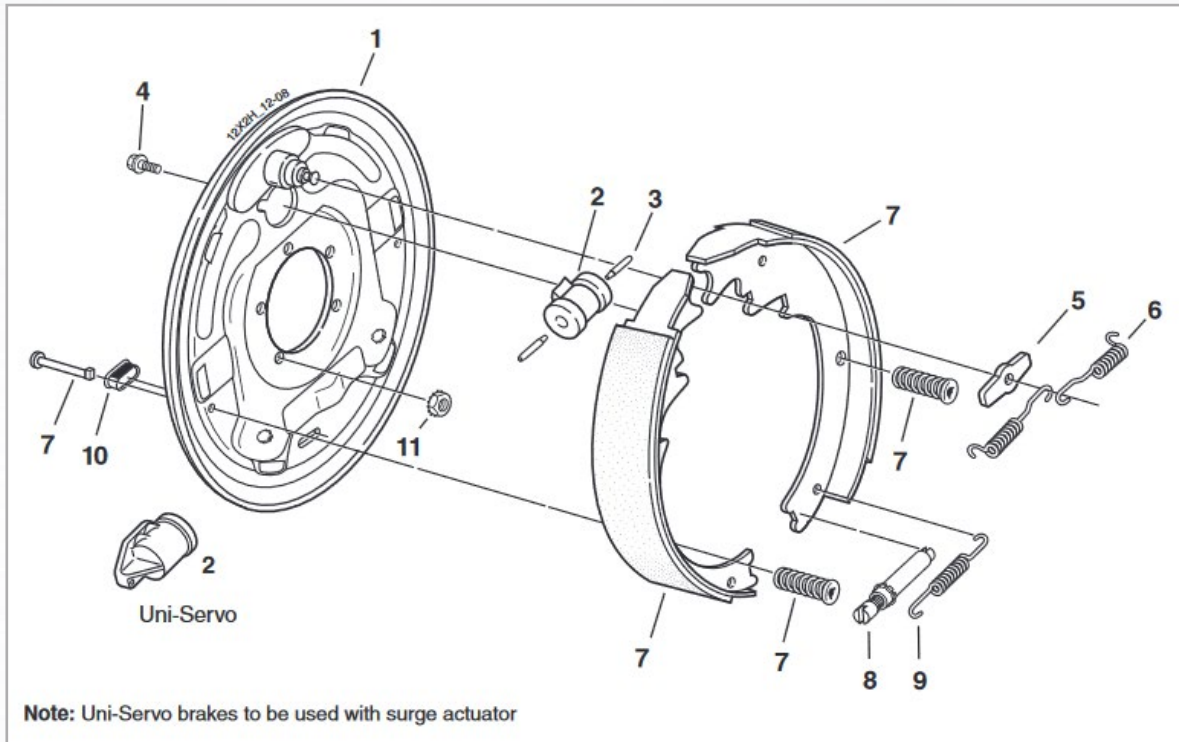
CSA approved at 7000#/13.8 SLR



Electric Brake 7000#

Item	Part Number	Qty per Brake	Description
0	K23-458	1	LH Complete Brake Assembly (shown)
0	K23-459	1	RH Complete Brake Assembly
1	36-89-1	1	Backing Plate Assembly
2	47-107-5	1	LH Actuating Lever Arm Assembly
2	47-108-5	1	RH Actuating Lever Arm Assembly
3	27-05	2	Wire Clip
4	46-09	2	Retractor Spring
5	K71-675 (LH)	1	LH Shoe & Lining Kit Contains:
			1 #40-215 Primary Shoe & Lining
			1 #40-216-1 Secondary Shoe & Lining
			2 #49-11 Shoe Hold Down Pin #2
			2 #46-77 Shoe Hold Down Spring & Cup
5	K71-676 (RH)	1	RH Shoe & Lining Kit Contains:
			1 #40-215 Primary Shoe & Lining
			1 #40-216-2 Secondary Shoe & Lining
			2 #49-11 Shoe Hold Down Pin #2
			2 #46-77 Shoe Hold Down Spring & Cup
6	K71-679	1	LH & RH Brake Adjuster Kit Contains:
			2 #46-139 Adjusting Screw Spring
			1 #46-140 LH Lever Spring
			1 #46-141 RH Lever Spring
			1 #48-22 LH Adjuster Assembly
			1 #48-23 RH Adjuster Assembly
			2 #71-528 Adjuster Cable
			2 #71-529 Hook for Cable
			1 #71-53-1 LH Adjusting Lever
			1 #71-53-2 RH Adjusting Lever
7	K71-105	1	Magnet Kit Contains:
			1 #42-149 Magnet (green wire)
			1 #27-09 Magnet Clip
			1 #46-80 Magnet Spring (before 7/16)
			1 #46-175 Magnet Spring (after 7/16)
8	46-07	2	Adjuster Slot Plug
9	46-16	1	Wire Grommet
10	5-67	1	Anchor Post Washer
*11	6-193	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.



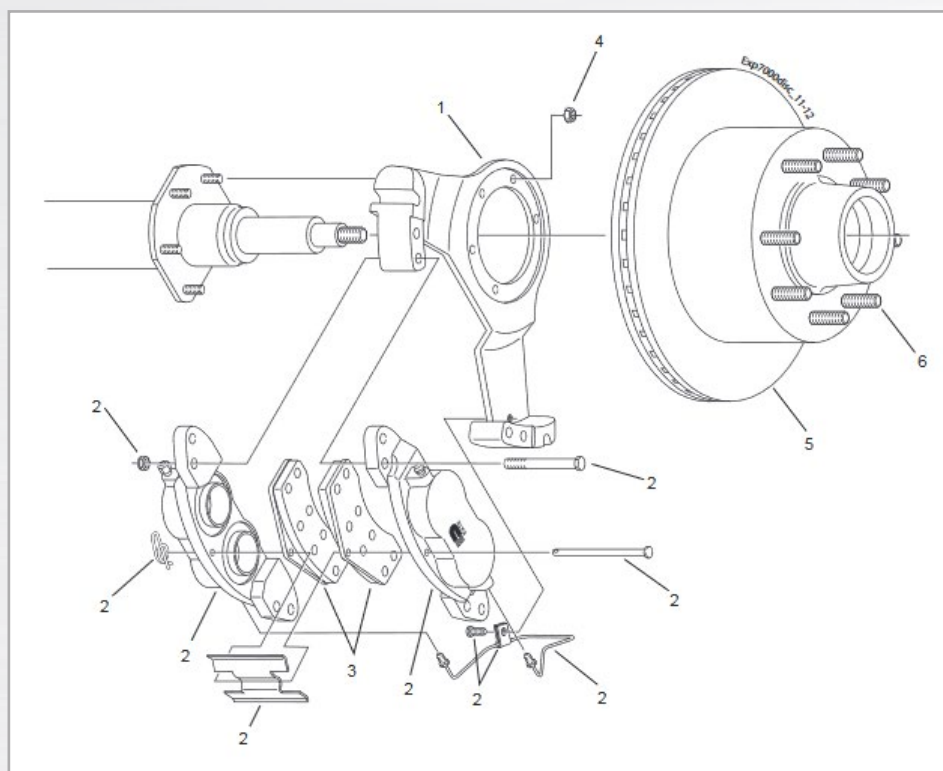
Hydraulic Brake 7000#

Item	Part Number	Qty per Brake	Description
0	K23-338	1	LH Complete Brake Assembly - US
0	K23-339	1	RH Complete Brake Assembly - US (shown)
0	K23-336	1	LH Complete Brake Assembly - DS
0	K23-337	1	RH Complete Brake Assembly - DS (shown)
1	36-93-8	1	Backing Plate Assembly
2	54-64	1	LH Brake Cylinder Uni-Servo
2	54-65	1	RH Brake Cylinder Uni-Servo
2	54-62	1	LH Brake Cylinder Duo-Servo
2	54-63	1	RH Brake Cylinder Duo-Servo
3	54-60	1 or 2	Cylinder Push Rod US (1) DS (2)
4	87-01	2	Sems (Screw & Washer Assembly)
5	5-113	1	Anchor Post Washer
6	46-101	2	Retractor Spring
7	K71-269 (LH)	1	LH Shoe & Lining Kit Contains: 1 #40-219 Primary Shoe & Lining 1 #40-218-2 Secondary Shoe & Lining 2 #49-12 Shoe Hold Down Pin #4 2 #46-77 Shoe Hold Down Spring & Cup
7	K71-27 (RH)	1	RH Shoe & Lining Kit Contains: 1 #40-219 Primary Shoe & Lining 1 #40-218-1 Secondary Shoe & Lining 2 #49-12 Shoe Hold Down Pin #4 2 #46-77 Shoe Hold Down Spring & Cup
8	43-29	1	Adjuster Assembly
9	46-102	1	Adjusting Screw Spring
10	46-07	1	Adjuster Slot Plug
*11	6-193	5	Nut Washer Assembly
ns	54-89	1	Bleeder Screw (included with item 2)

* Not included with complete brake assembly. Item sold separately.

ns - not shown

5500 - 7000 LBS CAPACITY Disc Brake for 7000 LB Axle



Disc Brake 7000#

Item	Part No.	Qty per Brake	Description
1	90-8-1	1	LH Anchor Yoke
1	90-8-2	1	RH Anchor Yoke (shown)
2	K71-693	1	Caliper Assembly Kit for LH or RH Contains:
	4 #6-45		Caliper Mounting Nut
	4 #7-254		Caliper Mounting Bolt
	1 #19-19		Cotter Ring
	1 #27-06		Tube Clamp
	1 #46-145		Anti-Rattle Spring
	1 #54-92		Bleeder Screw
	1 #54-94		Adapter Fitting
	1 #56-38		Pad Retaining Pin
	1 #71-517		Cross Over Hydraulic Line (yokes with notch)
	1 #87-02		Hex Bolt
	2 #89-5-6		Assembled Caliper Half
3	K71-629	1	Brake Pad Kit (axle set)
4	6-193	1	3/8" Brake Mounting Nut-Washer Assembly

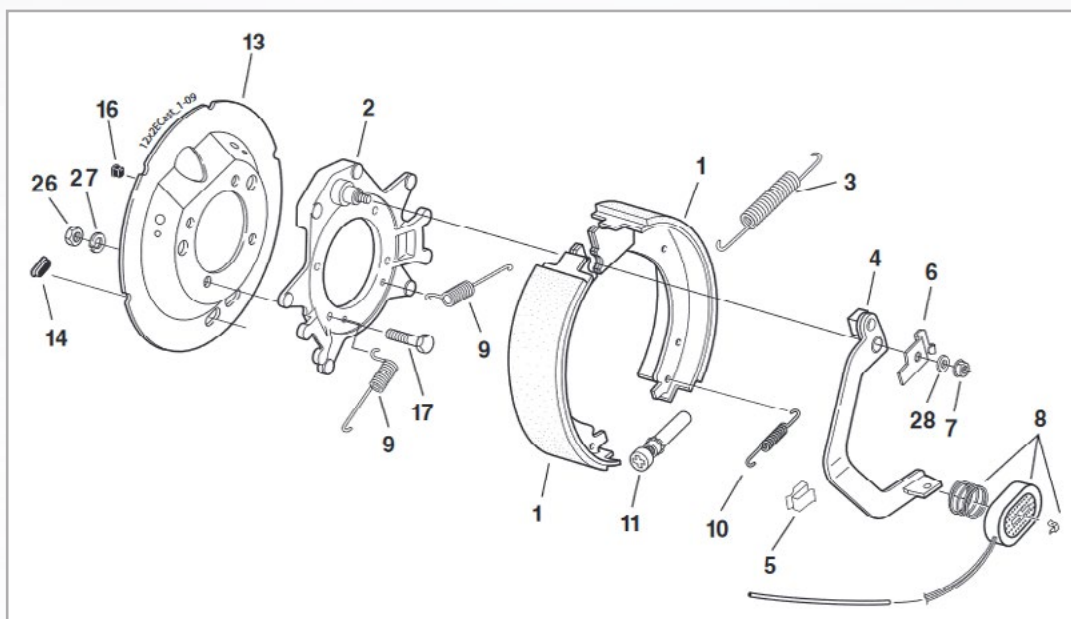
Disc Brake Hubs & Studs

Item	Part No.	Qty per Brake	Description
5	8-416-1	1	Grease 1/2" Studs 8 on 6.50
	8-416-11	1	Oil 1/2" Studs 8 on 6.50
	8-416-12	1	Grease 9/16" Studs 8 on 6.50
	8-416-13	1	Oil 9/16" Studs 8 on 6.50
	8-416-14	1	Grease 5/8" Studs 8 on 6.50
	8-416-15	1	Oil 5/8" Studs 8 on 6.50
6	7-122	8	1/2-20 x 1.84" Press-In Stud
	7-223	8	9/16-18 x 2.01" Press-In Stud
	7-224	8	5/8-18 x 2.50" Press-In Stud

7200 LBS CAPACITY

12 1/4" x 2 1/2" Electric Brake - Cast Backing Plate

CSA approved at 7100#/14.2 SLR



Electric Brake

Brakes manufactured after May 2000 use the cast backing plate.

Item	Part Number	Qty per Brake	Description
0	K23-428	1	LH Complete Brake Assembly (shown)
0	K23-429	1	RH Complete Brake Assembly
1	K71-497	1	LH Shoe & Lining Kit Contains: 1 #40-348-1 Primary Shoe & Lining 1 #40-349-2 Secondary Shoe & Lining
1	K71-496	1	RH Shoe & Lining Kit Contains: 1 #40-349-1 Primary Shoe & Lining 1 #40-348-2 Secondary Shoe & Lining
2	36-119-2	1	Backing Plate
3	46-119	1	Shoe Return (gray)
4	47-124-5	1	LH Actuating Lever Arm Assembly
4	47-125-5	1	RH Actuating Lever Arm Assembly
5	27-39	3	Wire Clip
6	71-455-1	1	LH Lever Arm Retainer
6	71-455-2	1	RH Lever Arm Retainer
7	6-92-1	1	Flange Nut
8	K71-378	1	Magnet Kit Contains: 1 #42-131 Magnet (red/black wire after 6/17) 1 #27-05 Magnet Retainer 1 #46-117 Magnet Spring
9	46-136	2	Centering Spring
10	46-18	1	Adjuster Spring (red)
11	48-17	1	Adjuster Assembly
*13	36-118-2	1	Dust Shield (sold separately)
*14	46-07	2	Adjuster Slot Plug
*16	46-16	1	Magnet Wire Grommet
*17	7-251	4	Brake Mounting Bolt
*26	6-129	4	Hex Nut
*27	5-58	4	Lock Washer
28	5-142	1	Washer

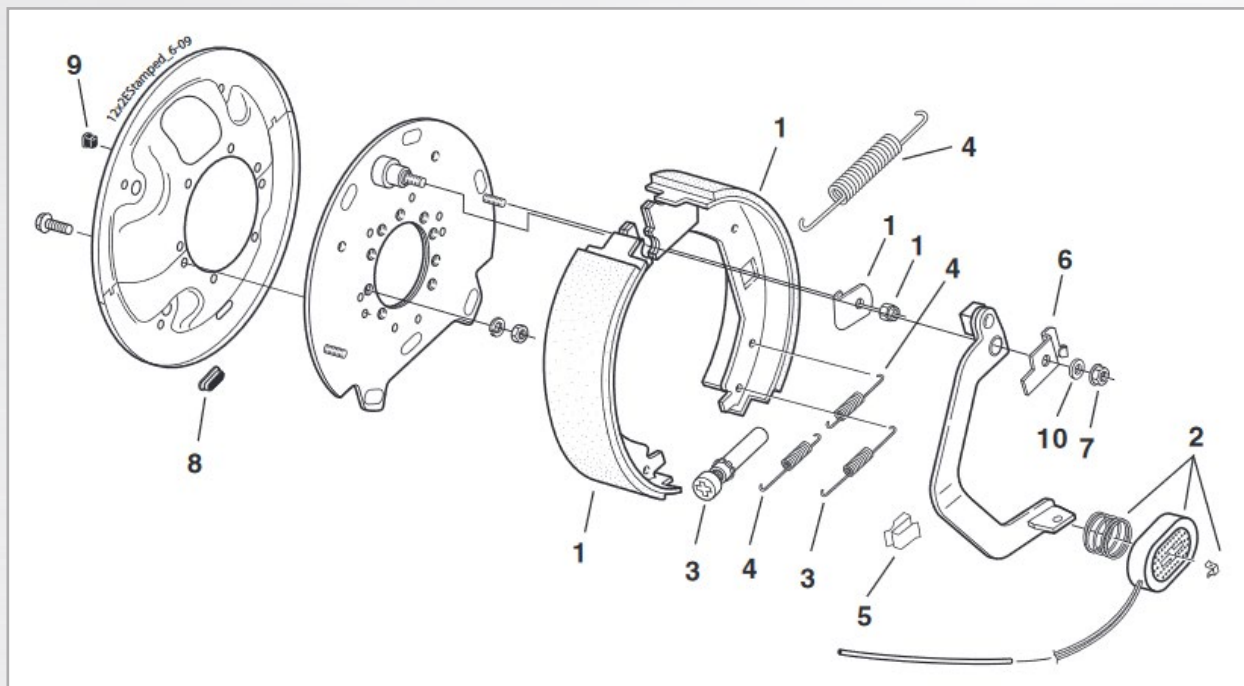
* Not included with complete brake assembly. Item sold separately.

7200 LBS CAPACITY

12 1/4" x 2 1/2" Electric Brake - Stamped Backing Plate

Service Parts Only

CSA approved at 7100#/14.2 SLR

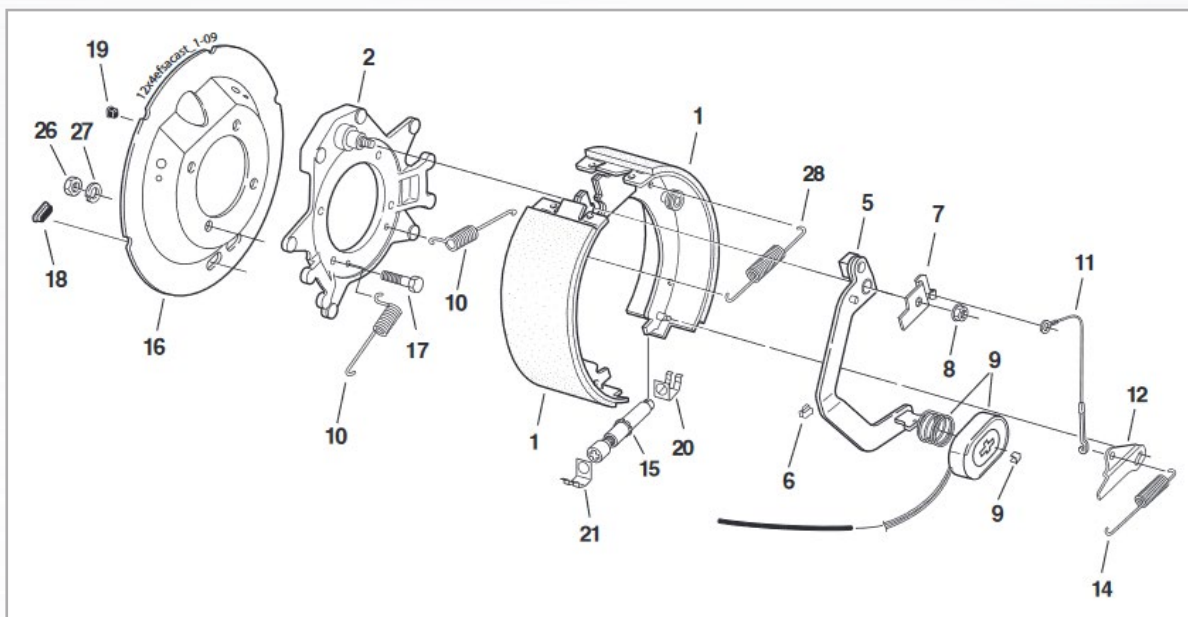


Electric Brake - Service Parts Only

Item	Part Number	Qty per Brake	Description
0	23-370	1	LH Complete Brake Assembly (obsolete - no longer available)
0	23-369	1	RH Complete Brake Assembly (obsolete - no longer available)
1	K71-41	1	Shoe & Lining Kit Contains: 1 #40-31-1 RH Primary S&L or LH Secondary S&L 1 #40-309-1 LH Primary S&L or RH Secondary S&L 2 #5-107 Shoe Hold Down Washer 2 #6-127 Locknut
2	K71-378	1	Magnet Kit Contains: 1 #42-131 Magnet (red/black wire after 6/17) 1 #27-05 Magnet Retainer 1 #46-117 Magnet Spring
3	K71-411	1	Adjusting Screw Kit Contains: 1 #46-18 Adjuster Spring (red) 1 #46-17 Adjuster Assembly
4	K71-412	1	Brake Spring Kit Contains: 1 #46-119 Shoe Return (gray) 1 #46-117 Magnet Spring 2 #46-12 Centering Spring 1 #46-18 Adjuster Spring (red)
5	27-39	3	Wire Clip
6	71-455-1	1	LH Lever Arm Retainer
6	71-455-2	1	RH Lever Arm Retainer
7	6-92-1	1	Flange Nut
8	46-07	2	Adjuster Slot Plug
9	46-16	1	Magnet Wire Grommet
10	5-142	1	Washer

Note: Only numbered items are available.

Brakes manufactured before May 2000 use the stamped backing plate.



Electric Brake

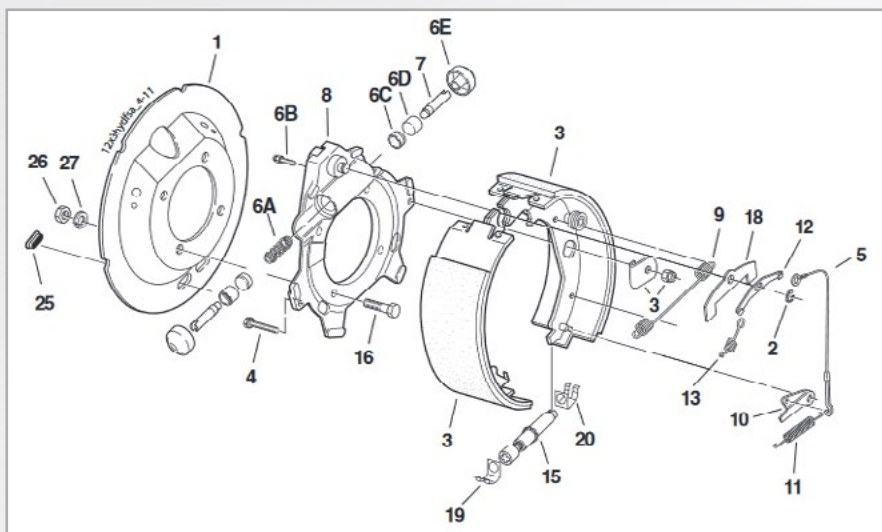
Brakes manufactured after April 2000 use the cast backing plate (not shown)

Item	Part Number	Qty per Brake	Description
0	K23-434	1	LH Complete Brake Assembly (shown)
0	K23-435	1	RH Complete Brake Assembly
1	K71-499	1	LH Shoe & Lining Kit Contains: 1 #40-35-1 Primary Shoe & Lining 1 #40-35-2 Secondary Shoe & Lining
1	K71-498	1	RH Shoe & Lining Kit Contains: 1 #40-35-1 Primary Shoe & Lining 1 #40-35-2 Secondary Shoe & Lining
2	36-119-2	1	Backing Plate Assembly
5	47-123-38	1	LH Actuating Arm Assembly
5	47-123-37	1	RH Actuating Arm Assembly
6	27-39	3	Wire Clip
7	71-455-1	1	LH Arm/Shoe Retainer
7	71-455-2	1	RH Arm/Shoe Retainer
8	6-92-1	1	Flange Nut
9	K71-378	1	Magnet Kit Contains: 1 #42-131 Magnet (red/black wire after 6/17) 1 #27-05 Magnet Retainer Clip 1 #46-117 Magnet Spring
10	46-136	2	Centering Spring
11	71-462	1	Adjuster Cable
12	71-464	1	LH Adjuster Lever
12	71-463	1	RH Adjuster Lever
14	46-137	1	Adjuster Spring
15	48-19	1	LH Adjuster Assembly (silver)
15	48-20	1	RH Adjuster Assembly (gold)
*16	36-115-2	1	Dust Shield
*17	7-97	4	Brake Mounting Bolt
*18	46-07	2	Adjuster Slot Plug
*19	46-16	1	Wire Grommet
20	46-133	1	Adjuster Clip (barrel end)
21	46-132	1	Adjuster Clip (thread end)
*26	6-129	4	Brake Mounting Nut
*27	5-58	4	Lock Washer
28	46-119	1	Return Spring

* Not included with complete brake assembly. Item sold separately.

8000 LBS CAPACITY 12 1/4" x 3 3/8" 8K Hydraulic Brake FSA

ABS Parts Available



Hydraulic Brake

Item	Part No.	Qty per Brake	Description
+0	K23-418	1	LH Complete Brake Assembly FSA US
+0	K23-419	1	RH Complete Brake Assembly FSA US
0	K23-402	1	LH Complete Brake Assembly FSA DS (shown)
0	K23-403	1	RH Complete Brake Assembly FSA DS
*1	36-115-2	1	Dust Shield
2	69-53	1	Retainer
3	K71-165	1	LH Shoe & Lining Kit Contains: 1 #40-199-1 Primary Shoe & Lining 1 #40-199-2 Secondary Shoe & Lining 2 #5-107 Shoe Hold Down Washer 2 #6-86 Locknut
3	K71-166	1	RH Shoe & Lining Kit Contains: 1 #40-2-1 Primary Shoe & Lining 1 #40-2-2 Secondary Shoe & Lining 2 #5-107 Shoe Hold Down Washer 2 #6-86 Locknut
4	7-113	2	Shoe Hold Down Screw
5	71-462	1	Adjuster Cable
6	K71-08	1	Wheel Cylinder Kit (1.00" Bore) Contains: 1 #46-13 Spring 2 #54-32 Boot 2 #54-41 Piston 2 #54-85 Cup 1 #54-35 Bleeder Screw
7	54-33	1 or 2	Cylinder Push Rod US (1) DS (2)
8	36-64-6	1	LH Spider Assembly US (includes items 4, 6, 7)
8	36-64-7	1	RH Spider Assembly US (includes items 4, 6, 7)
8	36-64-3	1	Spider Assembly (includes items 4, 6, 7) DS
9	46-87	1	Retractor Spring
10	71-464	1	LH Adjuster Lever
10	71-463	1	RH Adjuster Lever
11	46-135	1	LH Adjuster Spring
11	46-134	1	RH Adjuster Spring
12	71-456	1	Cable Attachment Bracket
13	46-131-1	1	Extension Spring
15	48-19	1	LH Adjuster Assembly
15	48-02	1	RH Adjuster Assembly
*16	7-97	4	Brake Mounting Bolt
18	34-62	1	Piston Stop
19	46-132	1	Adjuster Clip (thread end)
20	46-133	1	Adjuster Clip (barrel end)
*25	46-07	2	Adjuster Slot Plug
*26	6-129	4	Brake Mounting Nut
*27	5-58	4	Lock Washer

* Not included with complete brake assembly. Item sold separately.

+ Uni-Servo version not shown

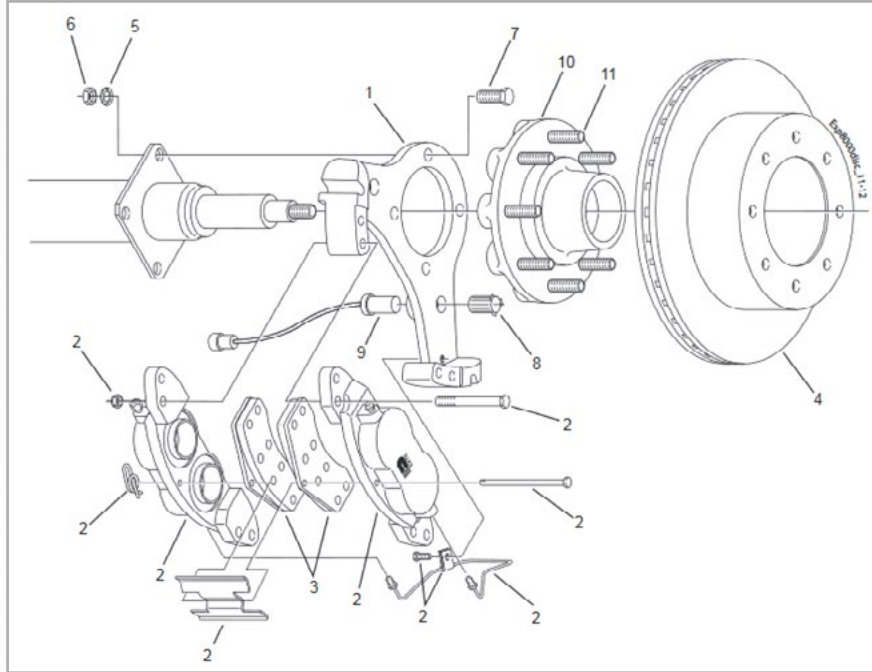
Hydraulic Brake - Corrosion Resistant Duo-Servo Only

Item	Part No.	Qty per Brake	Description
0	K23-420	1	LH Complete Brake Assembly FSA
0	K23-421	1	RH Complete Brake Assembly FSA
*1	36-115-2	1	Dust Shield
2	69-53	1	Retainer
3	K71-437	1	LH Shoe & Lining Kit Contains: 1 #40-199-5 Primary Shoe & Lining 1 #40-199-6 Secondary Shoe & Lining 2 #5-107-2 Shoe Hold Down Washer 2 #6-86 Locknut
3	K71-438	1	RH Shoe & Lining Kit Contains: 1 #40-2-5 Primary Shoe & Lining 1 #40-2-6 Secondary Shoe & Lining 2 #5-107-2 Shoe Hold Down Washer 2 #6-86 Locknut
4	7-113-1	2	Shoe Hold Down Screw
5	71-462	1	Adjuster Cable
6A	46-130	1	Spring
6B	54-35	1	Bleeder Screw
6C	54-85	2	Cup
6D	54-83	2	Piston
6E	54-32	2	Boot
7	54-33	2	Cylinder Push Rod
8	36-64-14	1	Spider Assembly (includes items 4, 6, 7) DS
9	46-87-1	1	Retractor Spring
10	71-464	1	LH Adjuster Lever
10	71-463	1	RH Adjuster Lever
11	46-135-1	1	LH Adjuster Spring
11	46-134-1	1	RH Adjuster Spring
12	71-456	1	Cable Attachment Bracket
13	46-131-2	1	Extension Spring
15	48-19	1	LH Adjuster Assembly
15	48-02	1	RH Adjuster Assembly
*16	7-97	4	Brake Mounting Bolt
18	34-62-2	1	Piston Stop
19	46-132	1	Adjuster Clip (thread end)
20	46-133	1	Adjuster Clip (barrel end)
*25	46-07	2	Adjuster Slot Plug
*26	6-129	4	Brake Mounting Nut
*27	5-58	4	Lock Washer

* Not included with complete brake assembly. Item sold separately.

8000 LBS CAPACITY Disc Brake for 8000 LB Axles

CSA approved at 8000#/14.2 SLR



Disc Brake 8000#

Item	Part No.	Qty per Brake	Description
1	90-3-1	1	Anchor Yoke
2	K71-630	1	Caliper Assembly Kit for LH or RH Contains:
	4 #6-45		Caliper Mounting Nut
	4 #7-254		Caliper Mounting Bolt
	1 #19-19		Cotter Ring
	1 #27-06		Tube Clamp
	1 #46-145		Anti-Rattle Spring
	1 #54-92		Bleeder Screw
	1 #54-94		Adapter Fitting
	1 #56-38		Pad Retaining Pin
	1 #71-513		Cross Over Hydraulic Line (yokes without notch)
	1 #71-518		Cross Over Hydraulic Line (yokes with notch)
	1 #87-02		Hex Bolt
	2 #89-3-2		Assembled Caliper Half
3	K71-629	1	Brake Pad Kit (axle set)
4	K71-631	1	Rotor Kit
5	5-58	4	1/2" Lock Washer
6	6-129	4	1/2" Hex Nut
7	7-97	4	1/2" Brake Mounting Bolt
8	97-02	1	ABS Sensor Retaining Clip
9	97-04	1	ABS Sensor (straight)

Disc Brake Hubs & Studs

Item	Part No.	Qty per Brake	Description
10	8-399-5	1	Grease 9/16" Studs 8 on 6.50
10	8-399-6	1	Oil 9/16" Studs 8 on 6.50
10	8-399-7	1	Grease 5/8" Studs 8 on 6.50
10	8-399-8	1	Oil 5/8" Studs 8 on 6.50
11	7-257	8	9/16-18 x 2.50" Press-In Stud
11	7-115	8	5/8-18 x 3.16" Press-In Stud

Disc Brake 8000# with 50mm Nev-R-Lube®

Item	Part No.	Qty per Brake	Description
1	90-7-1	1	Anchor Yoke
2	K71-630	1	Caliper Assembly Kit for LH or RH Contains:
	4 #6-45		Caliper Mounting Nut
	4 #7-254		Caliper Mounting Bolt
	1 #19-19		Cotter Ring
	1 #27-06		Tube Clamp
	1 #46-145		Anti-Rattle Spring
	1 #54-92		Bleeder Screw
	1 #54-94		Adapter Fitting
	1 #56-38		Pad Retaining Pin
	1 #71-513		Cross Over Hydraulic Line (yokes without notch)
	1 #71-518		Cross Over Hydraulic Line (yokes with notch)
	1 #87-02		Hex Bolt
	2 #89-3-2		Assembled Caliper Half
3	K71-629	1	Brake Pad Kit (axle set)
4	K71-631	1	Rotor Kit
5	5-58	4	1/2" Lock Washer
6	6-129	4	1/2" Hex Nut
7	7-97	4	1/2" Brake Mounting Bolt
8	97-02	1	ABS Sensor Retaining Clip
9	97-04	1	ABS Sensor (straight)

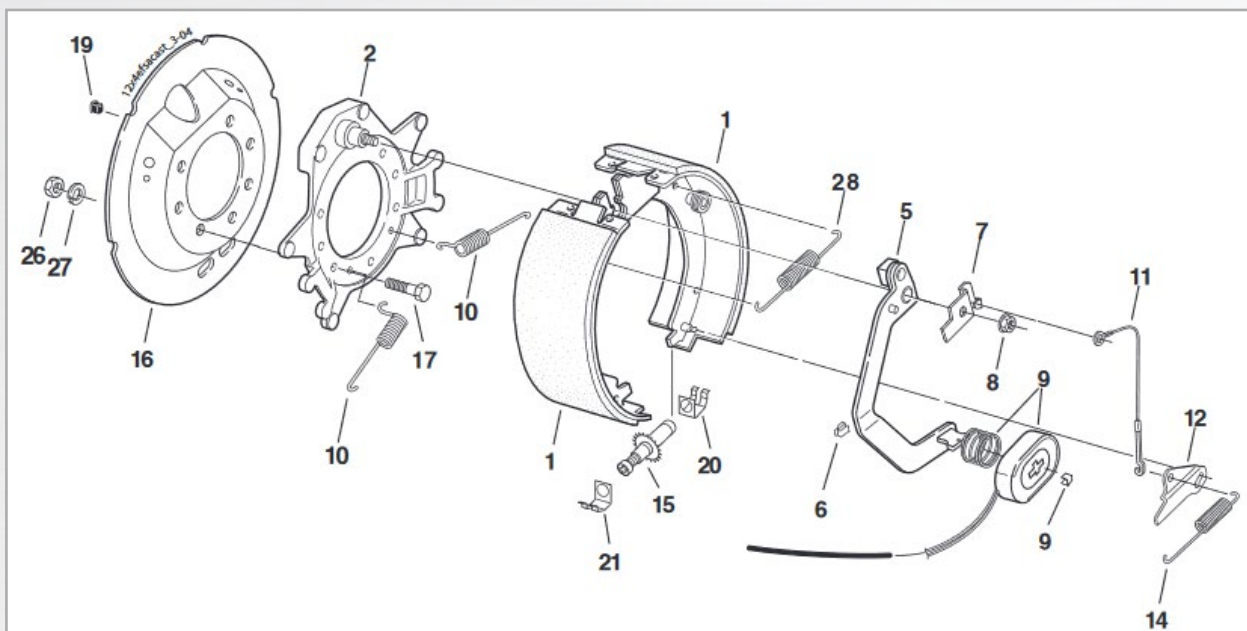
Nev-R-Lube® Disc Brake Hubs

Item	Part No.	Qty per Brake	Description
10	8-402-8	1	9/16" Studs, 50mm 8 on 6.50
10	8-402-81	1	5/8" Studs, 50mm 8 on 6.50
11	7-257	8	9/16-18 x 2.50" Press-In Stud
11	7-115	8	5/8-18 x 3.16" Press-In Stud

Electric Brake

Electric Brake Parts - Cast Backing Plate

After April 2000

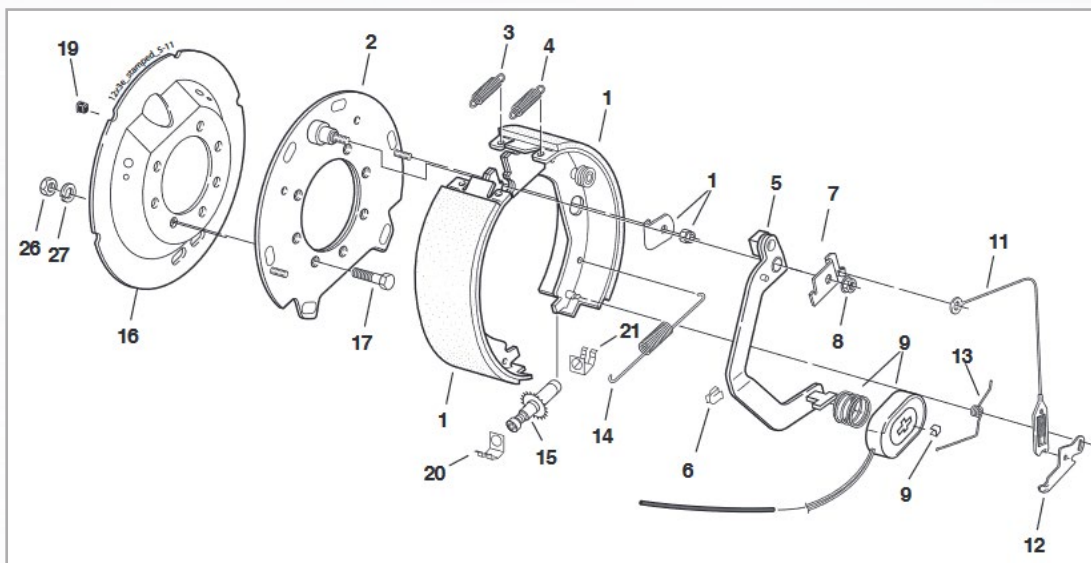


Item	Description	Qty per Brake	12 1/4" x 3 3/4" 9K, 10K GD, #13G Part Number	12 1/4" x 4" 10K, #13D Part Number	12 1/4" x 5" 12K Part Number	12 1/4" x 5" 15K & 16K Part Number
1	LH Shoe & Lining Kit Contains:	1	K71-499	K71-501	K71-503	K71-503
	LH Primary	1	4-35-1	4-352-1	4-354-1	4-354-1
	LH Secondary	1	4-351-2	4-353-2	4-355-2	4-355-2
1	RH Shoe & Lining Kit Contains:	1	K71-498	K71-500	K71-502	K71-502
	RH Primary	1	4-351-1	4-353-1	4-355-1	4-355-1
	RH Secondary	1	4-35-2	4-352-2	4-354-2	4-354-2
2	Backing Plate Assembly	1	36-12-2	36-12-2	36-12-2	36-12-2
5	LH Actuator Arm Assembly	1	47-123-38	47-123-38	47-123-36	47-123-36
	RH Actuator Arm Assembly	1	47-123-37	47-123-37	47-123-35	47-123-35
6	Wire Clip	3	27-39	27-39	27-39	27-39
7	LH Arm/Shoe Retainer	1	71-455-1	71-455-1	71-455-1	71-455-1
	RH Arm/She Retainer	1	71-455-2	71-455-2	71-455-2	71-455-2
8	Flange Nut	1	6-92-1	6-92-1	6-92-1	6-92-1
9	Magnet Kit Contains:	1	K71-378	K71-378	K71-378	K71-378
	Magnet Retainer Clip	1	27-5	27-5	27-5	27-5
	Magnet Assembly	1	42-131	42-131	42-131	42-131
	Magnet Mounting Spring	1	46-117	46-117	46-117	46-117
10	Centering Spring	2	46-136	46-136	46-136	46-136
11	Adjuster Cable	1	71-462	71-462	71-462	71-462
12	LH Adjuster Lever	1	71-464	71-464	71-464	71-464
	RH Adjuster Lever	1	71-463	71-463	71-463	71-463
14	Adjuster Spring	1	46-137	46-137	46-137	46-137
15	LH Adjuster Assembly	1	48-19	48-19	48-19	48-19
	RH Adjuster Assembly	1	48-20	48-20	48-20	48-20
16	Dust Shield	1	36-115-21	36-115-22	36-115-23	36-115-23
17	Brake Mounting Screw	7	7-116	7-116	7-116	7-116
19	Wire Grommet	1	46-16	46-16	46-16	46-16
20	Adjuster Clip (thread end)	1	46-132	46-132	46-132	46-132
21	Adjuster Clip (barrel end)	1	46-133	46-133	46-133	46-133
26	Brake Mounting Nut	7	6-17	6-17	6-17	6-17
27	Brake Mounting Lockwasher	7	5-8	5-8	5-8	5-8
28	Return Spring	1	46-119	46-119	46-119	46-119

Electric Brake

Electric Brake Parts - Stamped Backing Plate

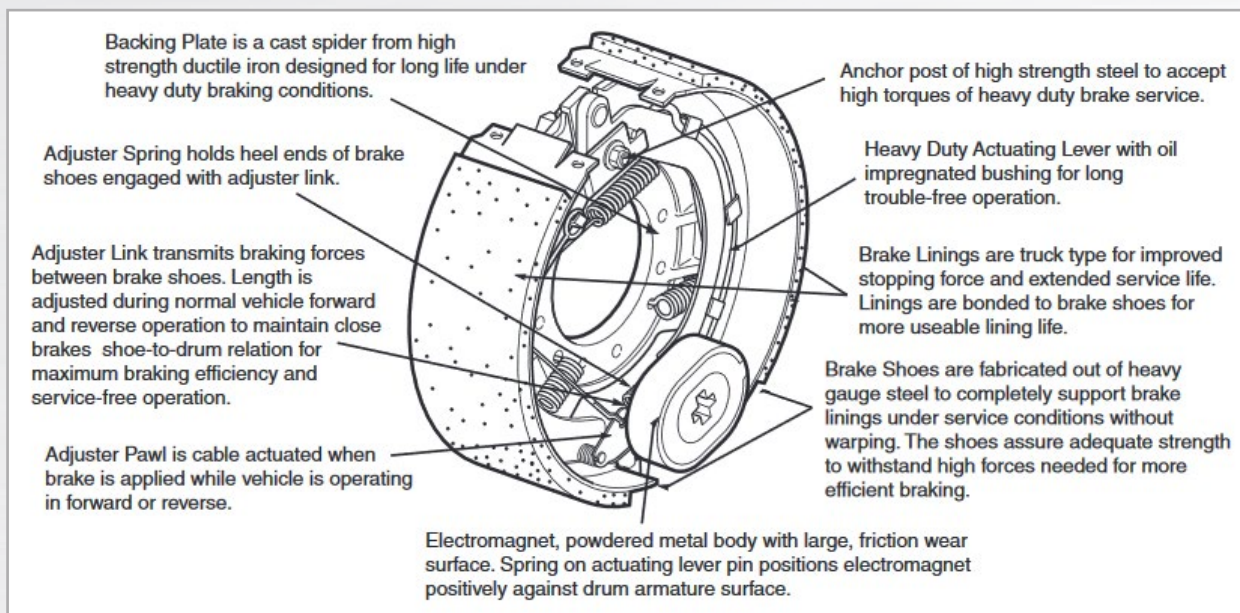
Before April 2000 **Service Parts Only**



Item	Description	Qty per Brake	12 1/4" x 3 3/8" 9K, 10K GD, #13G Part Number	12 1/4" x 4" 10K, #13D Part Number	12 1/4" x 5" 12K Part Number	12 1/4" x 5" 15K Part Number
1	LH Shoe & Lining Kit Contains:	1	K71-49	K71-51	K71-53	K71-53
	LH Primary	1	4-11-1	4-108-1	4-102-1	4-102-1
	LH Secondary	1	4-111-2	4-109-2	4-103-2	4-103-2
	Shoe Hold Down Washer	2	5-107	5-107	5-107	5-107
	Lock Nut	2	6-127	6-127	6-127	6-127
1	RH Shoe & Lining Kit Contains:	1	K71-50	K71-52	K71-54	K71-54
	RH Primary	1	4-111-1	4-109-1	4-103-1	4-103-1
	RH Secondary	1	4-11-2	4-108-2	4-102-2	4-102-2
	Shoe Hold Down Washer	2	5-107	5-107	5-107	5-107
	Lock But	2	6-127	6-127	6-127	6-127
2	Backing Plate Assembly (obsolete)	1	36-72-5	336-72-5	36-72-6	36-72-6
3	Shoe Return Spring (rear - black)	1	46-71	46-71	46-71	46-71
4	Shoe Return Spring (front - green)	1	46-83	46-83	46-83	46-83
5	LH Actuator Arm Assembly	1	47-123-38	47-123-38	47-123-36	47-123-36
	RH Actuator Arm Assembly	1	47-123-37	47-123-37	47-123-35	47-123-35
6	Wire Clip	3	27-39	27-39	27-39	27-39
7	LH Arm/Shoe Retainer	1	71-455-1	71-455-1	71-455-1	71-455-1
	RH Arm/She Retainer	1	71-455-2	71-455-2	71-455-2	71-455-2
8	Flange Nut	1	6-92-1	6-92-1	6-92-1	6-92-1
9	Magnet Kit Contains:	1	K71-378	K71-378	K71-378	K71-378
	Magnet Retainer Clip	1	27-5	27-5	27-5	27-5
	Magnet Assembly	1	42-131	42-131	42-131	42-131
	Magnet Mounting Spring	1	46-117	46-117	46-117	46-117
11	Adjuster Cable	1	71-2	71-2	71-2	71-2
12	LH Adjuster Lever	1	71-19-1	71-19-1	71-19-1	71-19-1
	RH Adjuster Lever	1	71-19-2	71-19-2	71-19-2	71-19-2
13	LH Adjuster Lever Spring	1	46-73	46-73	46-73	46-73
	RH Adjuster Lever Spring	1	46-74	46-74	46-74	46-74
14	Adjuster Spring	1	46-72	46-72	46-72	46-72
15	LH Adjuster Assembly	1	48-9	48-9	48-9	48-9
	RH Adjuster Assembly	1	48-1	48-1	48-1	48-1
16	Dust Shield	1	36-115-21	36-115-22	36-115-23	36-115-23
17	Brake Mounting Screw	7	7-116	7-116	7-116	7-116
19	Wire Grommet	1	46-16	46-16	46-16	46-16
20	Adjuster Clip (thread end)	1	46-132	46-132	46-132	46-132
21	Adjuster Clip (barrel end)	1	46-133	46-133	46-133	46-133
26	Brake Mounting Nut	7	6-17	6-17	6-17	6-17
27	Brake Mounting Lockwasher	7	5-8	5-8	5-8	5-8

Electric Brake

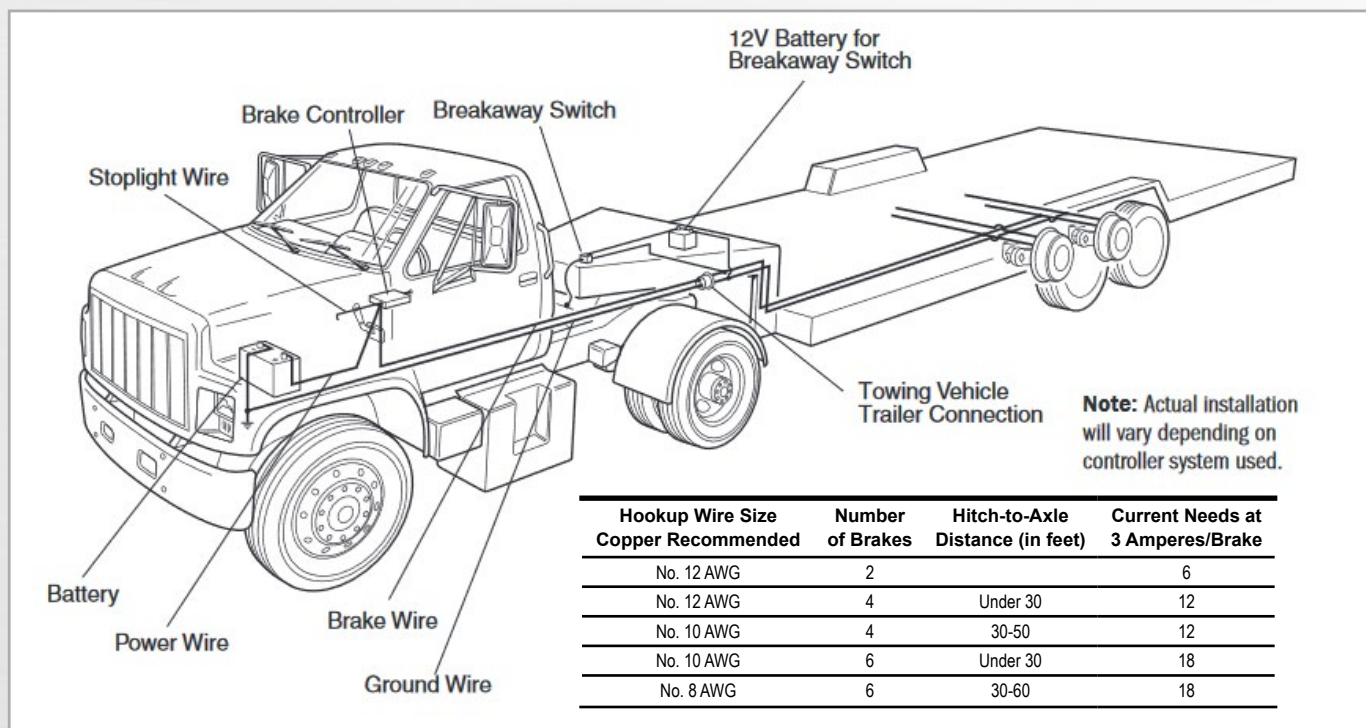
Forward Self-Adjusting Electric Brake

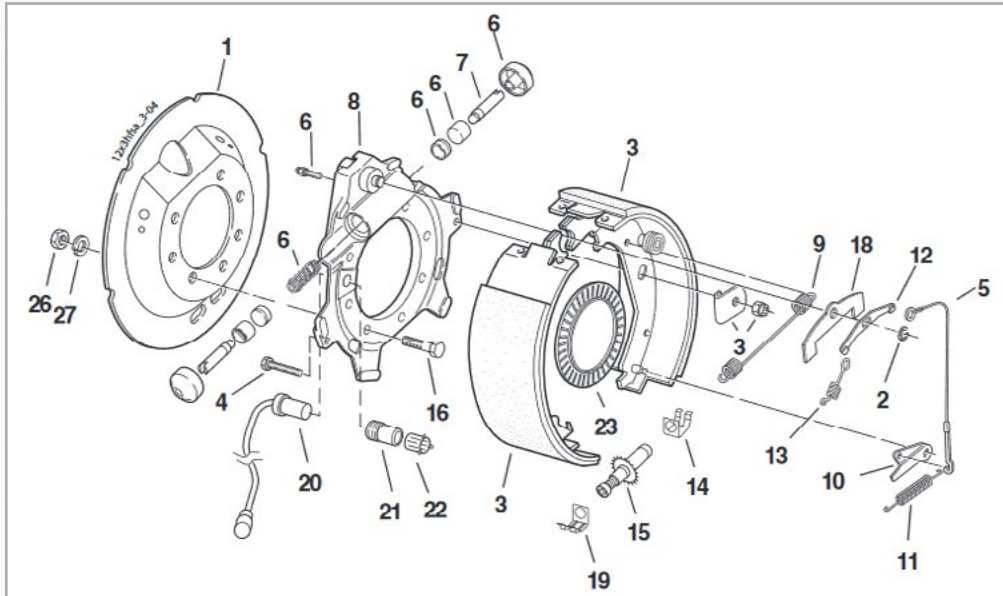


Electric Brake

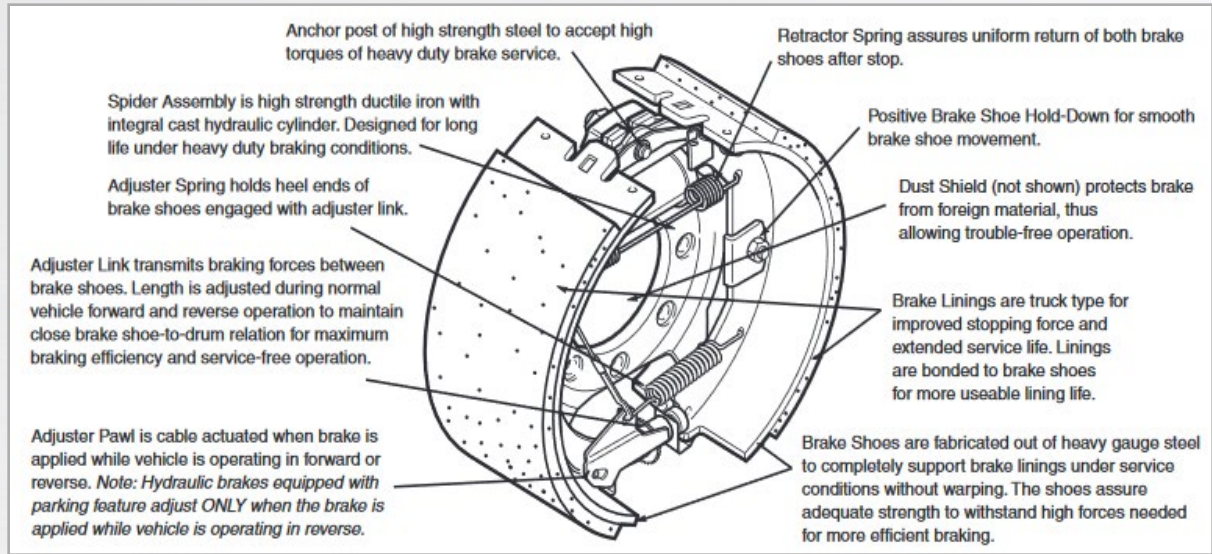
Size	Capacity	Part # LH	Part # RH
12 1/4" x 3 3/8"	9K, 10K GD, #13G	23-450	23-451
12 1/4" x 4"	10K, #13D	23-438	23-439
12 1/4" x 5"	12K	23-442	23-443
12 1/4" x 5"	15K & 16K	23-446	23-447

Typical Electric Brake Wiring Diagram





Item	Description	Qty per Brake	12 1/4" x 3 3/8" 9K, 10K GD, #13G Part Number	12 1/4" x 4" 10K, #13D Part Number	12 1/4" x 5" 12K Part Number	12 1/4" x 5" 15K & 16K Part Number
1	Dust Cover	1	36-115-21	36-115-22	36-115-23	36-115-23
2	Retainer	1	69-53	69-53	69-53	69-53
3	LH Shoe & Lining Kit Contains:	1	K71-165	K71-167	K71-169	K71-169
	LH Primary	1	40-199-1	40-197-1	40-195-1	40-195-1
	LH Secondary	1	40-199-2	40-197-2	40-192-2	40-195-2
	Hold Down Washer	2	5-107	5-107	5-107	5-107
	Hold Down Locknut	2	6-86	6-86	6-86	6-86
3	RH Shoe & Lining Kit Contains:	1	K71-166	K71-168	K71-170	K71-170
	RH Primary	1	40-200-1	40-198-1	40-196-1	40-196-1
	RH Secondary	1	40-200-2	40-198-2	40-196-2	40-196-2
	Hold Down Washer	2	5-107	5-107	5-107	5-107
	Hold Down Locknut	2	6-86	6-86	6-86	6-86
4	Show Hold Down Screw	2	7-113	7-113	7-113	7-113
5	Adjuster Cable	1	71-462	71-462	71-462	71-462
6	Wheel Cylinder Kit Contains:	1	K71-81	K71-81	K71-81	K71-81
	Cylinder Spring	1	46-128	46-128	46-128	46-129
	Cylinder Boot	2	54-32	54-32	54-32	54-32
	Cylinder Piston	2	54-38	54-38	54-38	54-30
	Cylinder Cup	2	54-86	54-86	54-86	54-87
	Bleeder Screw	1	54-35	54-35	54-35	54-35
7	Cylinder Push Rod	2	54-33	54-33	54-33	54-33
8	Spider Assembly	1	36-63-6	36-63-6	36-63-6	36-63-4
9	Retractor Spring	1	46-87	46-87	46-87	46-87
10	LH Adjuster Lever	1	71-464	71-464	71-464	71-464
	RH Adjuster Lever	1	71-463	71-463	71-463	71-463
11	LH Adjuster Lever Spring (blue)	1	46-135	46-135	46-135	46-135
	RH Adjuster Lever Spring (black)	1	46-134	46-134	46-134	46-134
12	Cable Attachment Bracket FSA	1	71-456	71-456	71-456	71-456
13	Extension Spring	1	46-131-1	46-131-1	46-131-1	46-131-1
14	Adjuster Clip (barrel end)	1	46-133	46-133	46-133	46-133
15	LH Adjuster Assembly	1	48-19	48-19	48-19	48-19
	RH Adjuster Addembly	1	48-20	48-20	48-20	48-20
16	Brake Mounting Bolt	7	7-116	7-116	7-116	7-116
18	Pitson Stop	1	34-62	34-62	34-62	34-62
19	Adjuster Clip (thread end)	1	46-132	46-132	46-132	46-132
26	Brake Mounting Nut	7	6-17	6-17	6-17	6-17
27	Lockwasher	7	5-8	5-8	5-8	5-8
Optional ABS Parts:						
20	ABS Sensor (straight)	1	97-4	97-4	97-4	97-4
21	ABS Sensor Mounting Block	1	24-204	24-204	24-204	24-204
22	ABS Sensor Retaining Clip	1	97-2	97-2	97-2	97-2
23	ABS Tone Ring in Drum	1	24-203	24-203	24-203	24-203



Hydraulic Brake

Size	Capacity	Part # LH	Part # RH	
12 1/4" x 3 3/8"	9K, 10K GD, #13G	23-410	23-411	Duo-Servo
12 1/4" x 3 3/8"	9K, 10K GD, #13G	23-412	23-413	Uni-Servo
12 1/4" x 3 3/8"	9K, 10K GD, #13G	23-210	23-211	Duo-Servo*
12 1/4" x 4"	10K, #13D	23-404	23-405	Duo-Servo
12 1/4" x 4"	10K, #13D	23-414	23-415	Uni-Servo
12 1/4" x 4"	10K, #13D	23-168	23-169	Duo-Servo*
12 1/4" x 4"	10K, #13D	23-222	23-223	Uni-Servo**
12 1/4" x 5"	12K	23-408	23-409	Duo-Servo
12 1/4" x 5"	12K	23-416	23-417	Uni-Servo
12 1/4" x 5"	12K	23-165	23-166	Duo-Servo*
12 1/4" x 5"	15K & 16K	23-406	23-407	Duo-Servo
12 1/4" x 5"	15K & 16K	23-162	23-163	Duo-Servo*

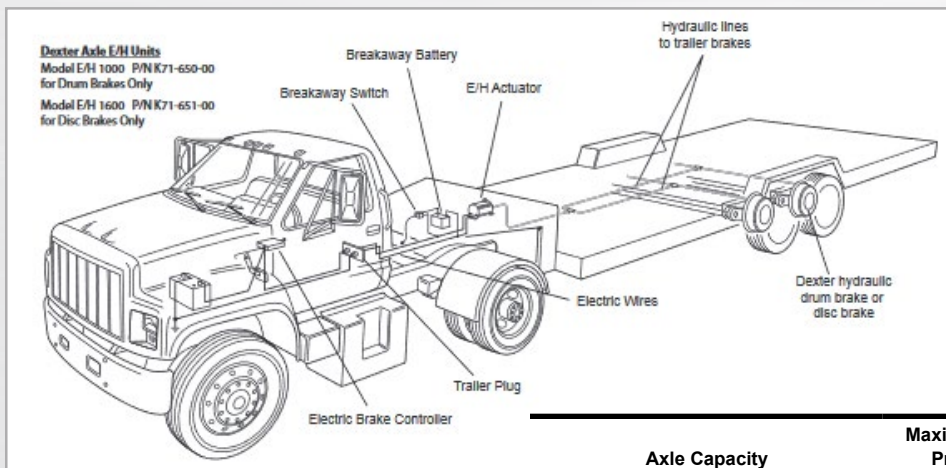
* Duo-Servo brake with park is equipped with a rear self-adjusting feature.

** Uni-Servo brake with park is equipped with a manual adjusting feature.

Hydraulic System Installation Suggestions

1. Use 3/16" steel tubing having 2000 PSI working pressure rating for all hardline connections between the actuator and take-off to axle. All tubing must have double flare connection at joints.
2. Anchor hydraulic tubing securely to frame and axle.
3. Use inverted flare fittings having 82° included angle.
4. Use D.O.T. high pressure hydraulic hose for flex connection(s) (frame to axle).

WARNING: It is the brake system installer's responsibility to ensure compatibility between towing vehicles and trailer actuation systems. Various combinations of Air/Hydraulic, E/H or Vacuum/Hydraulic and tow vehicle systems can allow normal working pressure to exceed 1000 PSI on drum brakes. Pressures in excess of 1000 PSI on drum brakes increase lining wear and can lead to component failure. Make certain your system has the correct peak pressure to activate brakes properly.



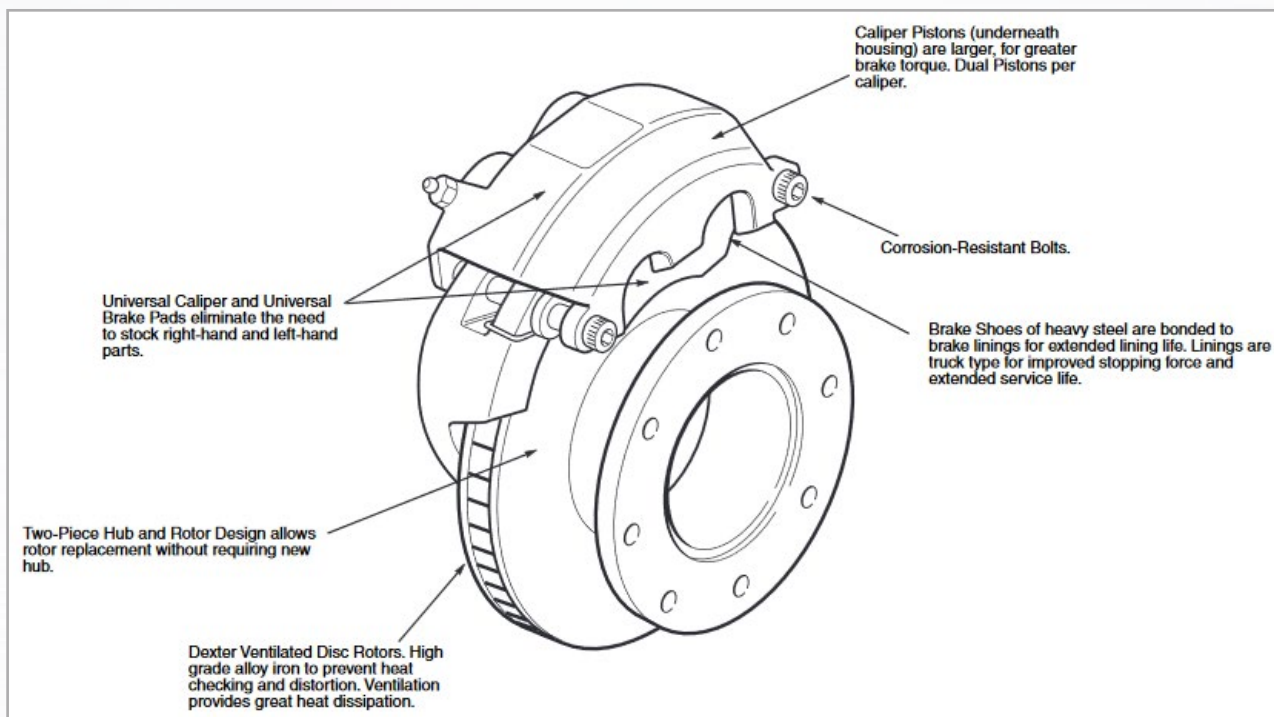
Axle Capacity	Maximum Operating Pressure (PSI)	Total Fluid Displacement Required per Axle
9K, 10K, 12K, #13D, #13G Drum Brakes 1 1/4" Diameter Cylinder*	1000	1.30 cu. in.
10K, 12K, #13D Disc Brakes 2 1/2" Diameter Piston (Quantity 2)**	1600	.80 cu. in.
15K Drum Brakes 1 3/8" Diameter Cylinder*	1000	1.50 cu. in.

* Use 3/8-24 flare nut fitting on 3/16" tube or hose to connect to back of brake.

** Use 7/16-20 straight thread inlet to connect to brake.

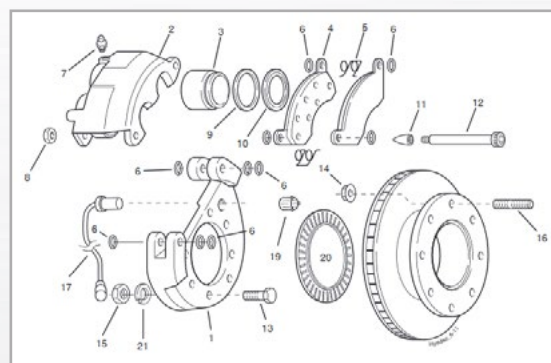
Disc Brake

10K, 12K, #13G, #13D and #14 Hydraulic Disc Brake



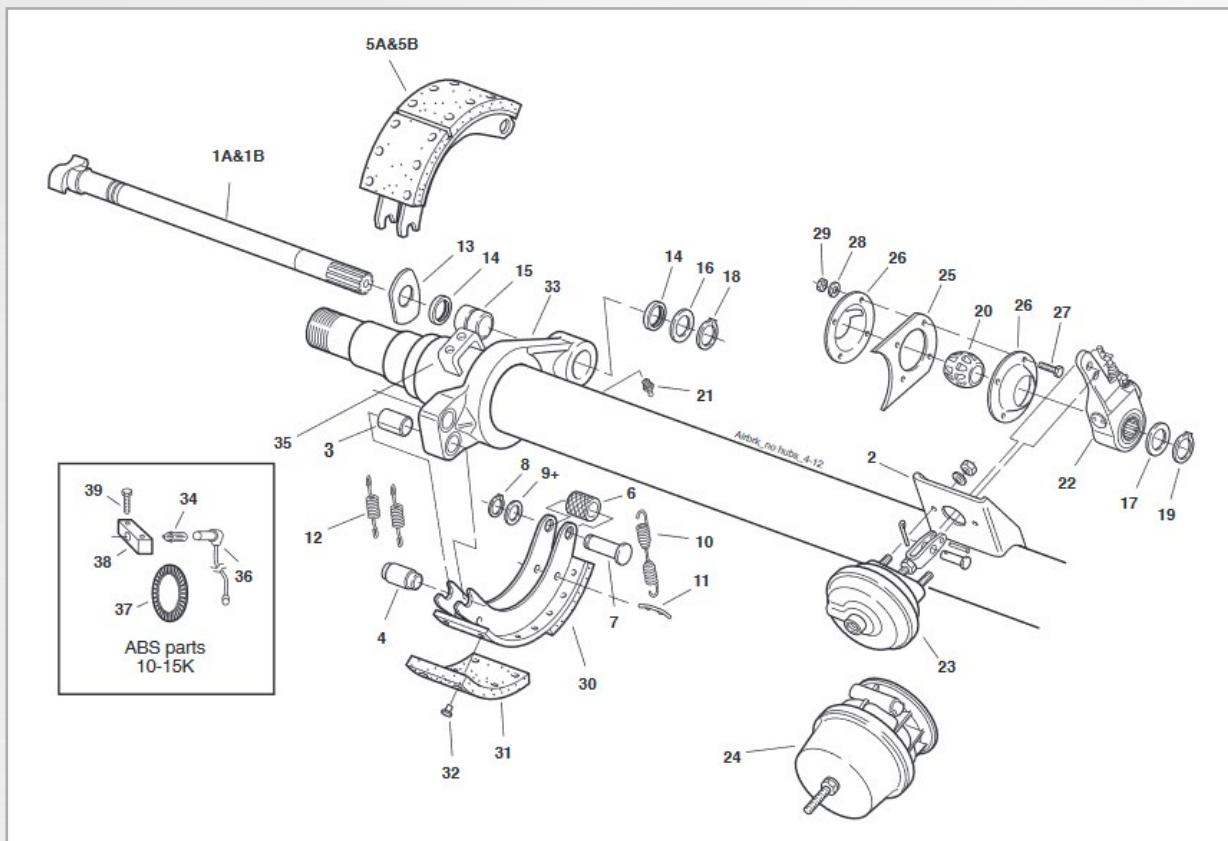
Hydraulic Disc Brake Parts

Item	Description	Qty per Brake	10K, 12K & 16K	#13G, #13D	#14
1	Anchor Yoke Assembly (includes 6 of item #6)	1	90-2-2	90-2-2	90-11-2
2	Caliper Assembly (includes items #6, 3, 9, 10)	1	89-2-2	89-2-2	89-2-2
3	Caliper Piston	2	54-66	54-66	54-66
12	Shoulder Screw 5/8 x 5	2	7-186	7-186	7-186
13	Hex Screw 7/16 -20 x 1.75	7	7-116	7-116	7-116
14	Flange Nut	8	6-46	6-46	-
15	Hex Nut 7/16 -20	7	6-17	6-17	6-17
16	Rotor Mounting Stud	8	25-14	25-14	-
17	ABS Sensor (straight)	1	97-4	-	-
19	ABS Sensor Retaining Clip	1	97-2	-	-
20	ABS Tone Ring	1	24-203	-	-
21	Lock Washer	7	5-8	5-8	-
Caliper Repair Kit Contains:		1	K71-181	K71-181	K71-181
6	"O" Ring	4	10-62	10-62	10-62
7	Bleeder Screw	1	54-69	54-69	54-69
9	Caliper Seal	2	54-67	54-67	54-67
10	Dust Boot	2	54-68	54-68	54-68
Disc Brake Replacement Pad Kit Contains:		1	K71-180	K71-180	K71-180
4	Brake Pad				91-3
5	Anti-Rattle Spring	4	91-3	91-3	46-105
6	"O" Ring	4	46-105	46-105	10-62
8	Hex Locknut	20	10-62	10-62	6-125
11	Installation Tool	4	6-125	6-228	71-182
		1	71-182	71-182	



Air Brake

Air Brake - "PQ" Style



Item	Description	Qty per Brake	12 1/4" x 4" 10K Part #	12 1/4" x 5" 12K, 15K Part #
1A	Camshaft LH*	1	34-188-xx	34-188-xx
1B	Camshaft RH*	1	34-189-xx	34-189-xx
2	Air Chamber Bracket	1	34-48	34-48
5	Shoe & Lining Assembly	2	40-321-1	40-322-1
5A	Shoe & Roller Assembly RH	1	40-321-3	40-322-3
5B	Shoe & Roller Assembly LH	1	40-321-2	40-322-2
22	Automatic Slack Adjuster - 28 Spline	1	55-4-99	55-4-99
22	Manual Slack Adjuster - 28 Spline	1	55-39	55-39
23	Air Chamber w/Hardware	1	34-26	34-59
24	Air Chamber w/Spring Break	1	34-261	34-6
25	Plate - Camshaft Support Bracket	1	34-31	34-31
26	Plate, Brushing Retainer	2	34-32	34-32
27	Bolt, Retainer Plate	4	7-139	7-139
28	Lockwasher	4	5-79	5-79
29	Nut	4	6-99	6-99
33	Brake Spider	1	36-113-2	36-113-2
ABS Components:				
34	ABS Sensor Retaining Clip	1	97-2	97-2
35	ABS Sensor Mounting Block	1	24-101	24-101
36	ABS Sensor 90°	1	97-3	97-3
37	ABS Tone Ring in Drum	1	24-203	24-203
38	ABS Upper Sensor Mounting Block	1	24-101-1	24-101-1
39	Mounting Screw Upper Block	2	7-237	7-237

* For camshaft with part number xx, see page C-21 for options.

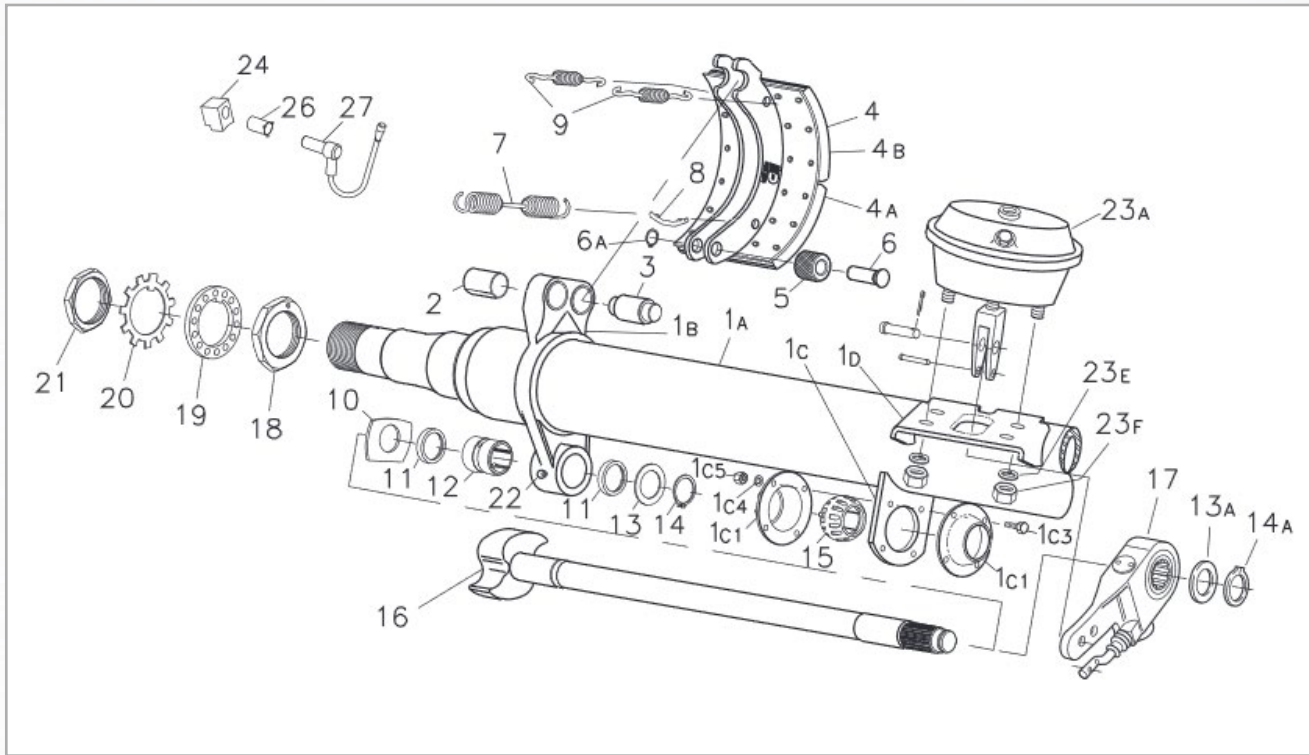
Item	Description	Qty per Brake	12 1/4" x 4" 10K Part #	12 1/4" x 5" 12K, 15K Part #
Brake Shoe Repair Kit Contains:				
3	Bushing-Spider Anchor Pin	2	14-68	14-68
4	Anchor Pin	2	56-17	56-17
6	Roller	1	14-57	14-57
7	Roller Pin	2	56-1	56-1
8	Roller Pin Retainer	2	69-18	69-18
9	Roller Pin Spacer	2	5-76+	not used
10	Retractor Spring	1	46-92	46-92
11	Retainer Pin	2	56-18	56-18
12	Shoe Keeper Spring	2	46-97	46-97
ns	Instruction Sheet	1	59-553	59-553
Camshaft Repair Kit Contains:				
13	"D" Washer, Camshaft	2	5-74	5-74
14	Grease Seal	1	10-52	10-52
15	Camshaft Brushing	1	14-56	14-56
16	Washer-Camshaft Spider End	1	5-75	5-75
17	Camshaft Washer-28 Spine	1	5-134	5-134
18	Retainer-Camshaft	1	69-2	69-2
19	Retainer-Camshaft End	1	69-78	69-78
20	Camshaft Support Brushing	1	14-58	14-58
21	Grease Fitting	1	61-6	61-6
ns	Instruction Sheet	1	59-663	59-663
Brake Block Kit Contains:				
31	"D" Washer, Camshaft	2	41-52-1	41-53-1
30	Grease Seal	2	41-52-2	41-53-2
32	Camshaft Brushing	24	22-18	22-48

ns - not shown

+ 5-76 is required for 10K shoes with 1/4" shoe web thickness. Not required for 5/16" shoe web thickness. Used only on 12 1/4" x 4" shoes with 1/4" webs.

Axle/Brake Components

12 1/4" x 7 1/2" Brake Size "PQ" Style



Brake Shoe Hardware Kit

K71-460

Fits "PQ" style Dexter 10-27K 12 1/4" air brake axles.
For one brake.

DX Part #	Quantity	Part Description
5-76	2	Washer
14-57	2	Roller
14-68	2	Bushing
46-92	1	Retractor Spring
46-97	2	Shoe Keeper Spring
56-10	2	Roller Pin
56-17	2	Anchor Pin
56-18	2	Retainer Pin
69-18	2	Snap Ring for .750 Shaft
59-553	1	Instruction Sheet

Camshaft Repair Kit

K71-101

Fits "P" and "PQ" style Dexter 10K, 12K, 15K and 12 1/4" x 7 1/2" air brake axles.
For one brake.

DX Part #	Quantity	Part Description
5-74	1	'D' Washer Camshaft
5-75	2	Camshaft Washer
5-134	1	Plain Washer
10-52	2	Seal
14-56	1	Camshaft Bushing
14-58	1	Camshaft Support Bushing
61-6	1	Grease Fitting
69-2	2	Camshaft Retainer
69-78	1	Snap Ring
59-663	1	Instruction Sheet

Brake Block Kit

K71-133

For one Dexter 12 1/4" x 7 1/2" brake.

DX Part #	Quantity	Part Description
22-18	48	Rivet
41-57-1	2	Brake Block
41-6-1	2	Brake Block
59-191	1	Instruction Sheet

Axle/Brake Components

12 1/4" x 7 1/2" Brake Size "PQ" Style



Item	Part Number	Qty per Axle	Description	Comments
1A	D-2L12	1	Beam Options	Light Wall 22,500# rating
	D-2M12	1	Beam Options	Medium Wall 25,000# Rating; with Air Ride 22,500#
	D-2H12	1	Beam Options	Heavy Wall, 27,500# Rating; with Air Ride 25,000#
1B*	36-114-2	2	Spider (using anchor pin bushing)	Weld-on (includes #2)
1C	34-31	2	Bracket - Camshaft Support	Weld-on
1C1	34-32	4	Retainer Plate	
1C3	7-139	8	Bolt - Retainer Plate Attachment	
1C4	5-79	8	Lock Washer - Cover Attachment	
1C5	6-99	8	Nut - Retainer Plate Attachment	
1D	34-48	2	Bracket - Air Chamber Mounting	Weld-on Standard
2	14-68	4	Bushing - Spider Anchor Pin	
3	56-17	4	Anchor Pin	
4	40-320-1	4	Shoe and Lining Assembly	Friction Code FF
4A	41-6-1	4	Lining - Brake Block Cam	(FMSI 4591 D)
4B	41-57-1	4	Lining - Brake Block Anchor	(FMSI 4591D)
5	14-57	4	Roller	
6	56-10	4	Retainer - Roller Pin	
6A	69-18	4	Retainer Ring	
7	46-92	2	Spring - Shoe Retractor	Blue Color
8	56-18	4	Retainer Pin - Retractor Spring	
9	46-97	4	Spring - Shoe Keeper	Orange Color
10	5-74	2	'D' Washer - Camshaft	.06 Thick
11	10-52	4	Grease Seal	
12	14-56	2	Bushing - Camshaft Support	Nylon
13	5-75	1	Washer	
13A	5-134	2	Washer - Camshaft Slack Adjuster End	For 28-spline Camshafts only
14	69-20	2	Snap Ring	
14A	69-78	2	Retainer - Camshaft Slack Adjuster End	For 28-spline Camshafts only
15	14-58	2	Bushing - Camshaft Support	Nylon
16	34-xxx-xx	2	Camshaft LH/RH	See Camshaft section on page C-21 for options
ns	55-39	2	Slack Adjuster	1.46 x 28-spline
17	55-4-99	2	Slack Adjuster Angled Automatic 1.46 x 28-spline 6"arm	Boxed kit includes clevis, pins, gage and instructions
18	6-114	2	Nut - Inner Spindle Bearing	
19	5-98	2	Lock Washer - Indexing	
20	5-99	2	Lock Washer - Tab	
21	6-115	2	Nut - Outer Spindle	
22	61-06	2	Grease Fitting 65°	
23A	34-xxx-xx	2	Air Chamber Assembly (includes item 23E, 23F)	See Air Chamber section on page C-22 for options
ns	55-57	2	Clevis for Manual slacks only	Clevis, Clevis Pin & Cotter Pin for Manual Slacks
23E		4	Lock Washer - Air Chamber Mounting	
23F		4	Nut - Air Chamber Mounting (included in item 23A)	
24	24-100	2	Sensor Block	
26	97-2	2	Retainer Clip	
27	97-3	2	ABS Sensor, 90°	Haldex
	97-7	2	ABS Sensor, 90°	Meritor - Wabco

* Not for individual resale

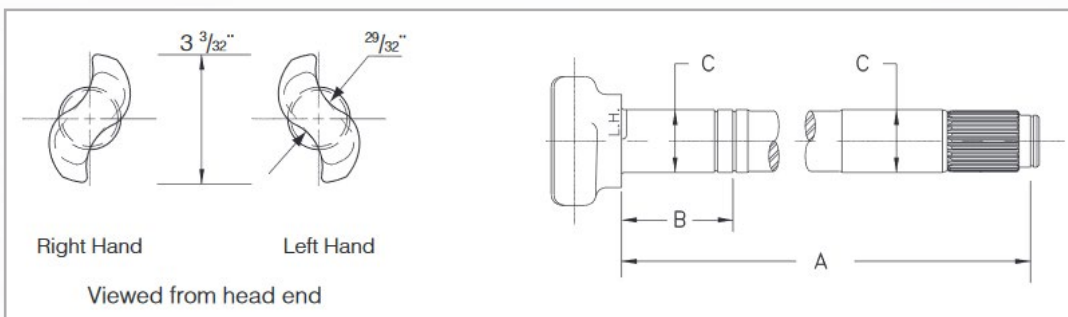
xx- See Camshaft section for part number that varies by length

12 1/4" x 7 1/2" Brake Size Small S Head Hi-Rise

28 Spline

Part Number		A	B	C
LH	RH			
34-188	34-189	21.125	2.219	For 1.50 Diameter Shaft*
34-188-1	34-189-1	16.375	2.219	For 1.50 Diameter Shaft*
34-188-3	34-189-3	22.312	2.219	For 1.50 Diameter Shaft*
34-188-4	34-189-4	20.312	2.219	For 1.50 Diameter Shaft
34-188-5	34-189-5	23.375	2.219	For 1.50 Diameter Shaft
34-188-6	34-189-6	30.000	2.219	For 1.50 Diameter Shaft
34-188-7	34-189-7	29.000	2.219	For 1.50 Diameter Shaft
34-188-8	34-189-8	19.500	2.219	For 1.50 Diameter Shaft
34-188-9	34-189-9	26.500	2.219	For 1.50 Diameter Shaft
34-188-1	34-189-1	7.437	2.219	For 1.50 Diameter Shaft
34-188-11	34-189-11	24.625	2.219	For 1.50 Diameter Shaft

* No extra charge for these lengths

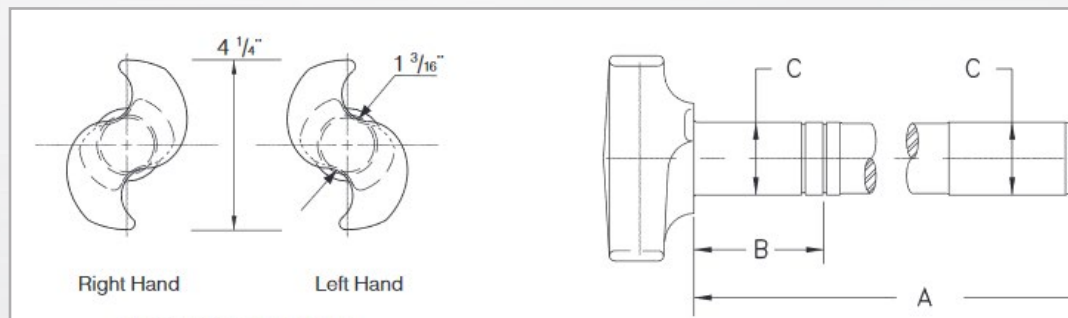


16 1/2" x 7" Brake Size Large S Head Hi-Rise

28 Spline

Part Number		A	B	C
LH	RH			
34-192	34-193	16.625	2.219	For 1.50 Diameter Shaft*
34-192-1	34-193-1	20.375	2.219	For 1.50 Diameter Shaft
34-192-2	34-193-2	30.000	2.219	For 1.50 Diameter Shaft*
34-192-3	34-193-3	23.438	2.219	For 1.50 Diameter Shaft
34-192-4	34-193-4	26.500	2.219	For 1.50 Diameter Shaft
34-192-5	34-193-5	22.625	2.219	For 1.50 Diameter Shaft
34-192-6	34-193-6	19.500	2.219	For 1.50 Diameter Shaft
34-192-7	34-193-7	29.000	2.219	For 1.50 Diameter Shaft
34-192-8	34-193-8	25.000	2.219	For 1.50 Diameter Shaft
34-192-9	34-193-9	28.000	2.219	For 1.50 Diameter Shaft
34-192-1	34-193-1	24.375	2.219	For 1.50 Diameter Shaft
34-192-11	34-193-11	7.438	2.219	For 1.50 Diameter Shaft

* No extra charge for these lengths

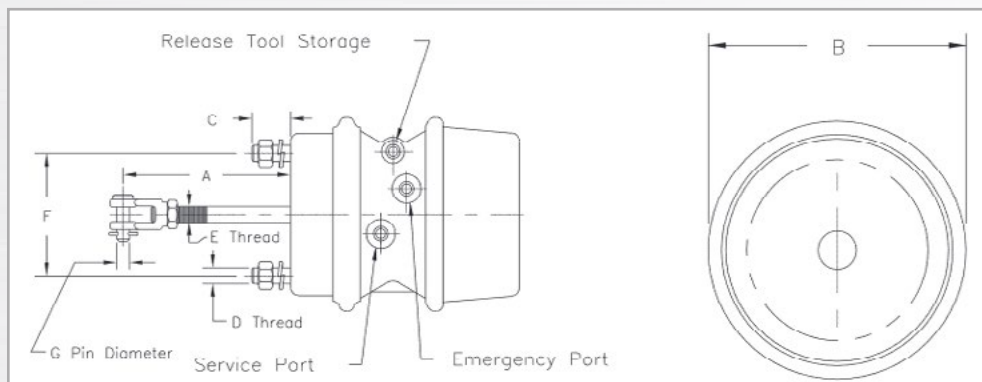


Spring Brake Air Chambers

Part Number	Size	A	B	C	D	E	F	G	Recommended Application
34-261-7	Type 20-24	5.62	7.53	1.25	5/8 - 11	5/8 - 18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
34-261-8	Type 20-24	6.38	7.53	1.25	5/8 - 11	5/8 - 18	4.75	.50	12 1/4" Brake with Straight Manual Slack
34-60-1	Type 24-30	7.00	7.50	1.25	5/8 - 11	5/8 - 18	4.75	.50	Optional 16 1/2" Brake
34-60-7	Type 24-30	5.62	7.50	1.25	5/8 - 11	5/8 - 18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
34-60-8	Type 24-30	6.38	7.50	1.25	5/8 - 11	5/8 - 18	4.75	.50	12 1/4" Brake with Straight Manual Slack
34-58-1	Type 30-30	7.00	8.50	1.25	5/8 - 11	5/8 - 18	4.75	.50	Standard 16 1/2" Brake
34-58-7	Type 30-30	5.62	8.50	1.25	5/8 - 11	5/8 - 18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
34-58-8	Type 30-30	6.38	8.50	1.25	5/8 - 11	5/8 - 18	4.75	.50	12 1/4" Brake with Straight Manual Slack

Note: Clevis assembly NOT included with air chamber. See brake section for clevis kits.

Long stroke (2 1/2") spring brake air chambers are available.



Section E

Tires and Wheels

Single Wheels & Assemblies	E-1
Wheel Accessories	E-2



TIRES AND WHEELS

E

TIRES AND WHEELS

SINGLE WHEELS

Part Number	Bolt Pattern	Size	Width	Pilot	Offset	Style	Capacity (lb)	Finish
17-150-7M	5-5.00"	15"	5"	3.19"	0"	Mod.	1820	Black
17-118	6-5.50"	15"	6"	3.65"	0"	Mod.	2600	Black
17-243-7M	6-5.50"	16"	6"	4.27"	0"	Mod.	3500	Black
17-162-7M	8-6.50"	16"	6"	4.88"	0"	Mod.	3750	Black
17-163	8-6.50"	17.5"	6.75"	4.76"	-.19"	O.E.M.	6005	Black

DUAL WHEELS

Part Number	Bolt Pattern	Size	Width	Pilot	Offset	Style	Capacity (lb)	Finish
17-279	8-6.50"	16"	6"	4.77"	5.35"	O.E.M.	3500	Black
17-280	8-6.50"	17.5"	6.75"	4.77"	5.67"	O.E.M.	5675	Black

12" ASSEMBLY

Part Number	Bolt Pattern	Tire Size	Tire Type	Load Range	Capacity (lb)	Style
WT44012	4 - 4.0"	4.80 x 12	Bias	C	785	Black
WT5.45480X12	5 - 4.5"	4.80 x 12	Bias	C	990	Black

13" ASSEMBLY

Part Number	Bolt Pattern	Tire Size	Tire Type	Load Range	Capacity (lb)	Style
WT5.4517580D13	5 - 4.5"	175/80D13	Bias	C	1360	Black

14" ASSEMBLY

Part Number	Bolt Pattern	Tire Size	Tire Type	Load Range	Capacity (lb)	Style
WT5.4520575D14	5 - 4.5"	205/75D14	Bias	C	1760	Black

Black

15" ASSEMBLY

Part Number	Bolt Pattern	Tire Size	Tire Type	Load Range	Capacity (lb)	Style
WT5.4520575D15	5 - 4.5"	205/75R15	Radial	C	1820	Black
WT5.4522575R15	5 - 4.5"	225/75R15	Radial	D	2540	Black
WT5.5020575D15	5 - 5.0"	205/75D15	Bias	C	1820	Black
WT5.5020575R15	5 - 5.0"	205/75R15	Radial	C	1820	Black
WT5.5022575R15	5 - 5.0"	225/75R15	Radial	D	2540	Black
WT6.5522575D15	6 - 5.5"	225/75R15	Radial	D	2540	Black

16" ASSEMBLY

Part Number	Bolt Pattern	Tire Size	Tire Type	Load Range	Capacity (lb)	Style
WT6.5523580R16	6 - 5.5"	235/80R16	Radial	E	3520	Black
WT8.6523580R16DUAL	8 - 6.5"	235/80R16	Radial	E	3080	Black
WT8.6523580R16SINGLE	8 - 6.5"	235/80R16	Radial	E	3520	Black
WT8.6523585R16DUAL	8 - 6.5"	235/85R16	Radial	E	3860	Black
WT8.6523585R16SINGLE	8 - 6.5"	235/85R16	Radial	E	4400	Black

17.5" ASSEMBLY

Part Number	Bolt Pattern	Tire Size	Tire Type	Load Range	Capacity (lb)	Style
WT8.6521575R17.5DUAL	8 - 6.5"	215/75R17.5	Radial	H	4050	Black
WT8.6521575R17.5SING	8 - 6.5"	215/75R17.5	Radial	H	4805	Black
WT865235R175	8 - 6.5"	235/75R17.5	Radial	J	6005	Black

TIRES AND WHEELS

WHEEL ACCESSORIES

Part Number	Description
15-2	Plated Rim Clamp
33-52-1	Clamp Ring for 9K - 12K Axles; Alignment Slot and Torque Stamp
6-80	1/2 - 20 60° Cone Lug Nut; Zinc or Cadmium Plated
6-53	9/16 - 18 60° Cone Lug Nut; Zinc Plated
6-109	5/8 - 18 90° Cone Lug Nut; Zinc Plated
6-58	5/8 - 18 Flange Wheel Nut; Zinc Plated
6-118	Flange Nut; Swivel for 15K; M22
6-209	Swivel Flange Wheel Nut; 5/8-18 Teflon PTFE, Rev D



33-52-1



6-58



6-80



6-209



15-2



Section F

Fender and Body

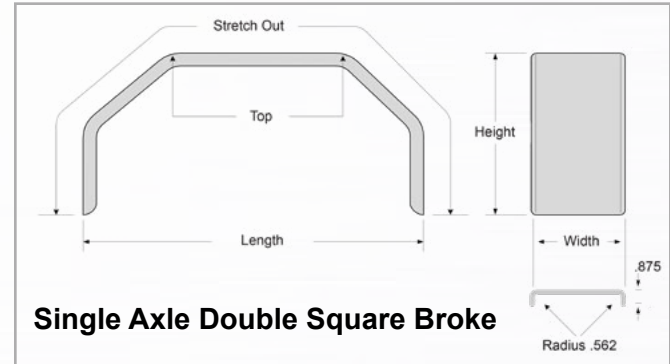
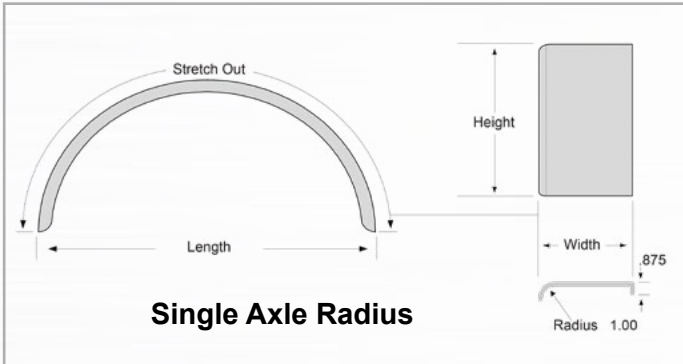
Single & Tandem Axle Fenders	F-1
Triple Axle Fenders & Fender Backs	F-2
Tool Boxes & Shocks.....	F-2
Paint and Accessories	F-3



FENDERS

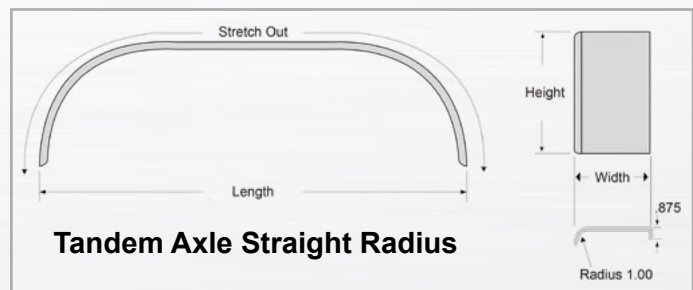
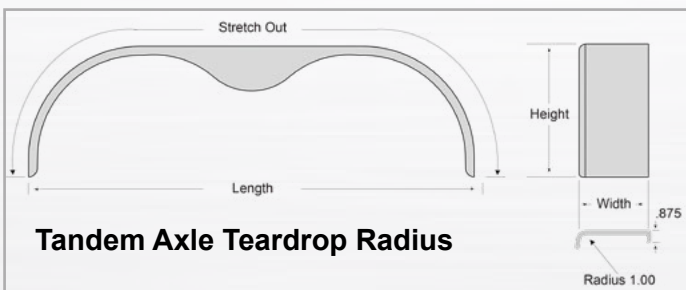
SINGLE AXLE FENDER

Part Number	Width	Length	Stretch Out	Height	Gauge	Description
72810	7	28	36	10	16	Single Axle Fender; 1" Radius
932	9	32	48	15	16	Single Axle Fender; 1" Radius
932FP	9	32	54	16	14	Single Axle Fender; Double Square Broke
936FP17	9	36	60.5	17.5	14	Single Axle Fender; Double Square Broke
103436	10.75	36	60	18	16	Single Axle Fender; 1" Radius



TANDEM AXLE FENDER

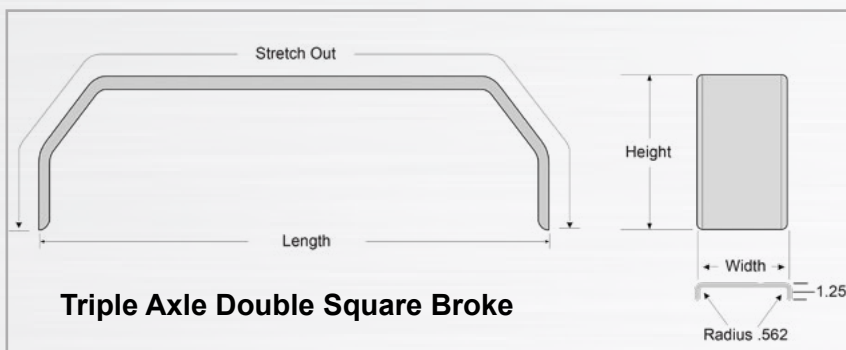
Part Number	Width	Length	Stretch Out	Height	Gauge	Description
972W18	9	72	94	19	16	Tandem Teardrop Fender; 1" Radius
972R	9	72	96	20	16	Tandem Straight Fender; 1" Radius
972WFP	9	72	96	20	14	Tandem Teardrop Fender Floor Plate
972FP	9	72	96	17	14	Tandem Straight Fender Floor Plate; Double Broke
103472	10.75	72	96	20	16	Tandem Teardrop Fender; 1" Radius
103472WFP	10.75	72	96	20	14	Tandem Teardrop Fender Floor Plate
972WALUFP	9	72	96	20	12	Tandem Teardrop Fender Aluminum Treadbright



FENDERS

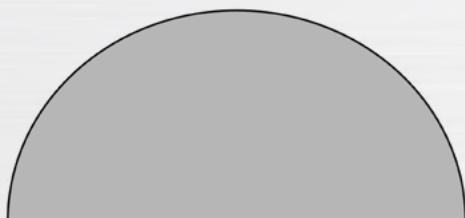
TRIPLE AXLE FENDER

Part Number	Width	Length	Stretch Out	Height	Gauge	Description
9108FP	8	108	139	20	14	Triple Axle Teardrop Floorplate; Double Square Broke
9108WFP	9	108	133	21	14	Triple Axle Teardrop Floorplate; 1" Radius



FENDER BACK

Part Number	Height	Length	Gauge	Description
1231	12	31	18	Pre-cut Radius Back
1231FP	12	31	14	Pre-cut Double Square Broke Floorplate
1268	12	68	18	Pre-cut Radius Back
1271	12	72	16	Square Fender Back
1272	12	70.75	14	Pre-cut Double Square Broke Floorplate
1269FP	12	69	14	Pre-cut Radius Floorplate



Single Axle Radius Fender Back



Tandem Axle Radius Fender Back

TOOL BOXES & SHOCKS

Part Number	Description
TBAF	A-Frame Tool Box without Cutouts; Includes Shock; No Holes; 33" x 18" x 18" x 12"
TBDUMP	A-Frame Tool Box with Cutouts for Dump Hoses & Charger; 14 GA; Includes Shock
TBSHOCK	Gas Shock for Tool Box

PAINT AND ACCESORIES

GUSSET

Item #	Description
142430	Gooseneck Gusset 1/4" x 24" x 30"



142430

PAINT

Item #	Description
52032	Safety Blue Quick Dry Enamel
52035	National Blue Quick Dry Enamel
52048	Dark Green Quick Dry Enamel
52052	Safety Yellow Quick Dry Enamel
52060	New Cat Quick Dry Enamel
52068	Dark Brown Quick Dry Enamel
52075	Lead Free Safety Red (Bright)
52013	Gloss Black Quick Dry Enamel
52017	White Quick Dry Enamel
52026	Aluminum Quick Dry Enamel
52084	Battleship Gray Quick Dry Enamel



PRIMER

Item #	Description
28DR134	Red Oxide Primer, Lead Free
28DH64	Gray Quick Dry Primer, Lead Free

PAINT THINNER

Item #	Description
7511	TEC Paint Thinner
7515	Xylol Paint Thinner



PIN STRIPER

Item #	Description
73115	Craftsman Pin Stripper Kit with #93 and #115 Heads
93	#93 Standard Wheel Head Assembly, .091" Wide Wheel
115	#115 Wheel Head Assembly, .113" Wide Wheel
GUIDE	Right Angle Guide for Pin Stripper



93 or 115



GUIDE



73115

FENDER AND BODY

Section G

Couplers and Jacks

Straight, A-Frame & Adjustable Couplers	G-1
Tow Rings, Mounting Plates & Channels	G-2
Gooseneck Couplers & King Pins	G-2 & G-3
Coupler Accessories	G-3
Actuators & Accessories	G-3
Square & Power Jacks	G-4
A-Frame & Swivel Jacks	G-5
Jack Accessories	G-5



COUPLERS

STRAIGHT COUPLERS

Part No	Ball Size	Tongue Width	Style	Capacity (lb)
CT-3001-Z	2"	2"	Flip Latch	3500
CT-5003-Z	2"	3"	Flip Latch	5000
2B2	2"	2 1/4"	Low Pro	5000
2B4	2"	3"	Low Pro	5000



CT-5003-Z



2B2



2B4

A-FRAME COUPLERS

Part No	Ball Size	Style	Capacity (lb)
CA-5210-B	2"	Yoke	8000
CA-5196-B	2"	Low Pro	7000
CA-5196-X0	2"	Low Pro	7000
3B8	2"	Low Pro	7000
CA-5296-B	2 5/16"	Low Pro	12500
CA-5296-X0	2 5/16"	Low Pro	12500
4B8	2 5/16"	Low Pro	12500
CA-5280-B	2 5/16"	Cast	15000



CA-5210-B



CA-5196-B



CA-5280-B



3B8



4B8

ADJUSTABLE COUPLERS

Part No	Ball Size	Style	Capacity (lb)
CTA-196	2"	Forged; fits inside Adjustable Channel	7000
CTA-16825-81	2"	DEMCO Coupler EZ-LATCH; Bolts Not Included	10000
CTA-296	2 5/16"	Forged; fits inside Adjustable Channel	12500
CTA-280	2 5/16"	Cast	15000
CTA-80PL	2 5/16"	Flat Plate	20000
CTA-14040-81	2 5/16"	DEMCO Coupler EZ-Latch; Bolts Not Included	21000
CTA-17415-81	2 5/16"	DEMCO Flat Mount EZ-LATCH; 4 Bolt Mount; 5/8" Holes	25000



CTA-280



CTA-80PL



CTA-1404-81



CTA-16825-81



CTA-196



R25160



CTA-17415-81

COUPLERS

TOW RINGS

Part No	Description	GVWR (lb)	Max Vertical Tongue Load (lb)
18128	3" Lunette Eye without Channel	14000	-
16137	3" Lunette Eye without Channel	20000	-
DB125015	Drawbar with 4-Bolt Mounting Plate	42000	7000
DB1385	Drawbar with 4-Bolt Mounting Plate	60000	15000
9095	Dico Adjustable 3/4" Clevis Hitch	12000	-



16137



DB125015



DB1385



9095

MOUNTING PLATES & CHANNELS

Part No	Description
8978	Adjustable Channel; 3 Position; 4 Hole
8978XL	Adjustable Channel; 11 1/2" Long; 6 Hole
34615	Adjustable Drawbar Mounting Plate; 3/4" x 8" x 15" with 5/8" Holes
3461534	Adjustable Drawbar Mounting Plate; 1" x 8" x 15" with 3/4" Holes



8978



34615



8978XL

GOOSENECK COUPLERS

Part No	Ball	Tube	Retracted Ht.	Adjustment	Capacity (lbs)
GCPN-25008	2-5/16"	4.5" Round	29.2"	8"	25000
GCPN-30008	2-5/16"	4.5" Round	29.2"	8"	30000
GCSQ-25008	2-5/16"	4.5" Square	32"	8"	25000
GCSQTW-30000	2-5/16"	4.5" Topwind Crank	32"	7"	30000
1289200300	3"	Square	22"	2.6"	40000



GCPN-25008



GCSQTW-3000



GCSQ-25008

COUPLERS

G

KING PINS

Part No	Description
KP5G-R25	Round Adjustable with 3/4" Set Screws; 25000 GTW with 3/4" Load Pin
KPT809F	2" SAE; .38" Bolster Plate Thickness; No Holes

KP5G-R25

KPT809F

COUPLER ACCESSORIES

Part No	Description
UTL100	1-7/8" - 2-5/16" Coupler Lock
HAM0252010201	Pin and Chain for Cast Coupler
7-99	Adjustable Coupler Bolt and Nut 5/8" x 5"
GCPN-PIN	Gooseneck Load Bearing Pin
3132	2-5/16" Conversion Kit



UTL100



3132

HYDRAULIC ACTUATORS

Hydraulic

Part No	Coupler	GVWR (lb)	Description
16039	2 5/16" Ball	12500	A-Frame mount
16075	2 5/16" Ball	12500	Model 10
24046	-	12500	Model 10 with 4 hole channel
15210	2 5/16" Ball	20000	Model 20
18991	-	20000	Model 20 with 4 hole channel

Electro-Hydraulic Pump

Part No	Description
*K71-650-00	For Dexter 3.5K - 15K hydraulic drum brakes; provides 1000# PSI maximum output pressure.
*K71-651-00	For Dexter 3.5K - 12K hydraulic disc brakes; provides 1600# PSI maximum output pressure.
97-11	Dexter cap for electric over hydraulic unit

* Two year limited warranty



K71-650-00

K71-651-00

HYDRAULIC ACTUATOR ACCESSORIES

DICO

Part No	Description
2374400	Replacement Master Cylinder Assembly- Model 10 & 20
1507000	Dust Cover - Model 10 & 20
4830600	Cap - Model 10 & 20

BALCRANK

Part No	Description
10614	Replacement Master Cylinder Assembly
1844-2	Shock Absorber
1833	Connector
1834B	Connector Bolt
1829	Master Cylinder Mounting Shaft
1745	Nylon Bushing
1753	Locking Hex Nut 1/2-20
850100	Cap
1808-1	Link Strap



24046



16039



18991

COUPLERS AND JACKS

SQUARE JACKS

Part No	Support Capacity (lbs)	Lift Capacity (lbs)	Handle	Travel	Height	Total Adj.	Description
TJD-7000	8000	7000	Topwind	15"	23.5"	25.5"	Drop Leg
TJDA-7000-00	8000	7000	Topwind	15"	23.5"	25.5"	Drop Leg
TJD-7000S	8000	7000	Sidewind	15"	25.5"	25.5"	Drop Leg
TJD-12000SP-F	12000	10000	Sidewind	12.5"	28.5"	25.5"	Drop leg, pin to front, handle, mounting hardware and clip included
TJD-12000SP-FNH	12000	10000	Sidewind	12.5"	28.5"	25.5"	Drop leg, pin to front, handle not included
TJD-12020SP-R2	12000	10000	Sidewind	12.5"	28.5"	25.5"	Drop leg, pin to side, handle, mounting hardware and clip included
TJD-12000-TWSP-R	12000	10000	Topwind	12.5"	23.5"	25.5"	Drop leg, pin to front, handle, mounting hardware and clip included
TJD2SP-12000SP-F	12000	10000	Sidewind	12.5"	28.5"	25.5"	Pin to front, handle, mounting hardware and clip included
TJD2SPSET-50000	25000	25000	Sidewind	12.5"	26.5"	25.5"	2 speed landing gear, drop leg, includes (1) 2 speed jack & (1) single speed jack with handle



TJD-7000



TJDA-7000-00



TJD-7000S



TJD-12000SP-FNH



TJD2SPSET-50000



POWER JACKS

Part No	Capacity (lbs)	Description
EJ-3508-BBX	3500	A-Frame with override handle, 12 volt
H-15000	15000	RAM Hydraulic Jack Weld On
H-FD	-	Hydraulic Jack Fluid Divider
H-PU4	-	Hydraulic Power Unit Dual Acting 4qt with Remote Pendant
H-6WFD	-	Hydraulic 6 Way Splitter Valve
H-HS18SS	-	Hydraulic Hose 3/8" x 18" FEM/FEM
H-HS72SL	-	Hydraulic Hose 3/8" x 72" 90° FEM, Straight FEM
H-F38	-	3/8" Hydraulic Fitting
H-F3890	-	3/8" Hydraulic Fitting 90°
H-F38T	-	3/8" Hydraulic Fitting T-Shape
H-15008	15000	Self Contained Hydraulic Jack



H-FD



H-PU4



H-15008



H-15000



EJ-3508-BBX

A-FRAME JACKS

Part No	Support Capacity (lbs)	Lift Capacity (lbs)	Handle	Travel	Bracket Height	Retracted Height	Description
AT2000	3000	2000	Topwind	14"	8"	20"	Exterior grade black powder coat finish
80391	5000	5000	Topwind	14"	10.5"	20"	Exterior grade black powder coat finish
165	-	1200	Sidewind	-	-	-	Hammerblow gear box, A-Frame mount
RPSW	1200	-	-	19"	7.5"	23.3"	Hammerblow rackpost with steel wheel



AT2000 165 / RPSW

SWIVEL JACKS

Part No	Support & Lift Capacity (lbs)	Handle Style	Travel Distance	Bracket Height	Retracted Height	Description
151	3000 / 2000	Topwind	10"	11.25"	15.25"	Bracket Mount
159	3000 / 2000	Topwind	10"	11.25"	15.25"	Pipe Mount 9/16" Pin
158	5000 / 3000	Sidewind	10"	11.25"	17.5"	Pipe Mount 5/8" Pin
TJP-5001-B	5000 / 3000	Topwind	10"	11.25"	15.25"	Pipe Mount 5/8" Pin
15815	3000 / 2000	Sidewind	15"	16.25"	23.25"	Pipe Mount 9/16" Pin
TJDP-7000S-FLB	8000 / 7000	Sidewind	15"	14"	25.5"	Pipe Mount Fixed Leg
MJ-1000W	1000 / 1000	Sidewind	10"	12.7"	23.25"	Weld on bracket, 6" caster
MJ1001B	1000 / 1000	Sidewind	10"	12.7"	23.25"	Bolt on bracket, 6" caster



151

JACK ACCESSORIES

Part No	Description
18405	Snap ring for foldup jack
80580	Weld-on bracket for snap ring swivel jack
80570	Bottom support plate for 2K & 5K A-frame jack
JF-99	Jack foot for 2" tube with bolt
JF-1005H-Z	Drop Leg Jack Foot
80553	Caster wheel assembly for 1200 lb capacity
HAM015	2" weld-on pipe bracket, 9/16" hole diameter
HAM016	2" weld-on pipe bracket, 5/8" hole diameter
HAM017	3" weld-on pipe bracket for 7K jack with 5/8" hole diameter
XAV-TJA-2000-HD	Top wind handle with bolt and nut for 2K and 5K A-frame jacks
XAV-TJPB-HD	Handle with bolt and nut for 151 & 159 swivel jack
TJD-7000-HD	7K topwind jack handle
TJD-7000S-HD	7K sidewind jack handle
XAV900	Handle with bolt for 12K drop leg jack
005120	Clip for drop leg jack handle
TJD-7000-PN	7K drop leg foot pin, 9/16"
TJD-7000-BR	7K jack bearing
TJD-7000S-CP	7K sidewind jack cap and screw
TJD-7000S-GR	7K jack gear kit
TJD-12000-CP	12K jack cap with screws
TJD-12000-GR	12K jack gear kit
TJD-12000-NUT	12K jack threaded nut
TJD-12000-BR	12K jack bearing
SJ-TJSC-24	24" Scissor Jack; 5K Capacity
SJ-TJSC-24-HD	Scissor Jack Handle
SJ-2013	Stabilizer Jack; 5K Capacity; 13" Outer Tube; 20" Inner Tube



158

159

15815

MJ1001B

TJDP-7000S-FLB

MJ-1000W

SJ-TJSC-24

JF-1005H-Z

Section H

Brake Control & Actuators

Air Kits	H-1
Brake Line Kits	H-1
Brake Controls	H-2
Brake Line Accessories	H-2
Electric/Hydraulic Actuator	H-2

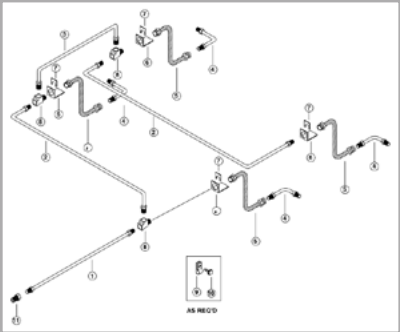


AIR KITS	
Part No	Description
TA8221	Straight Air Trailer Kit for 2 Axles with Spring Brakes, Single Tank 1 - Axle for ABS Package 1 - Axle without ABS
PC-1900-2	Main Power Cable for TA8221
12653	3/8" Air Line for TA8221; by the ft.

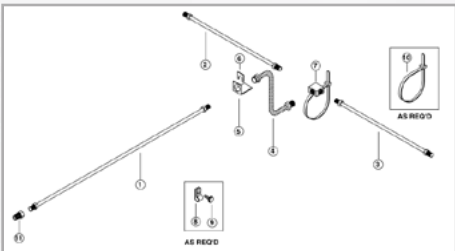


BRAKE LINE KITS		
Part No	Line	Description
T100SA	15'	Single Axle
T200TA	15'	Tandem Axle
T300TR	15'	Single Axle for Torflex Axle and 3.5K - 8K Disc Brakes
T400TR	15'	Tandem Axle for Torflex Axle and 3.5K - 8K Disc Brakes
T1002	25'	Tandem Axle for 9K - 15K Hydraulic Drum Brakes
T1002D	25'	Tandem Axle for 10K - 12K Disc Brakes

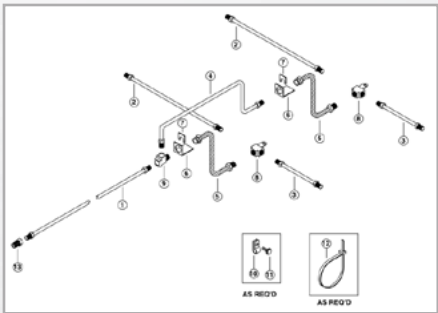
T400TR



T100SA



T200TA



BRAKING SYSTEMS

BRAKE CONTROLS	
Part No	Description
9058	Dexter Predator DX2 Brake Controller; 1-2 Axles



9058

BRAKE LINE ACCESORIES	
Part No	Description
AG-16300-CNF	3/16" x 25' Coil Tubing
105X3L	Tube Nut
25X15	Bracket Frame/Hose for Line Kit
1457	"U" Hose Clip
7900	Adapter Tee, 3/16", 2 Female and 1 Male
18018-MF	18" Hydraulic Brake Hose, Male and Female, 3/8 - 24
14718	20.5" Hydraulic Flex Brake Hose, 3/8-24 Female x 7/16 - 20 Male, for 10K - 12K Disc Brakes
18018-SF	18" Hydraulic Brake Hose, Male and Female, 3/8 - 24 with 90° bend



25x15



7900



18018-MF

ELECTRIC/HYDRAULIC ACTUATOR		
Part No	PSI (lbs)	Description
*K71-650-00	1000	For 3.5K - 15K Drum Brakes
*K71-651-00	1600	For 3.5K - 12K Disc Brakes
* 2 Year Limited Warranty		



Section I

Lights and Connectors

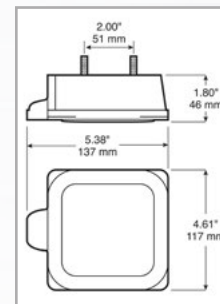
LED Tail Lights	I-1
Incandescent Tail Lights	I-2 & I-3
LED Clearance Lights	I-3 thru I-5
Turn Signal Lights	I-5
Incandescent Clearance Lights	I-6 & I-7
Backup Lights	I-8
License Plate Lights	I-9
Grommets & Plugs	I-10 & I-11
Mounting Brackets	I-12 & I-13
Reflectors	I-14
Connectors & Adapters	I-15
Cable & Wire	I-16
Accessories	I-17
Breakaway Kits	I-17 & I-18



M844 LED LOW PROFILE



- Combination LED stop, turn and tail light
- Over 80" wide combination tail light
- 6/7 Diodes
- M844L with license light



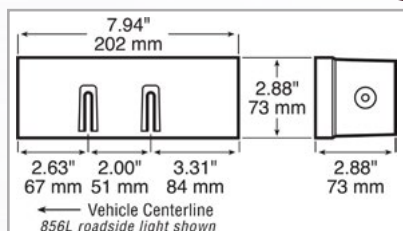
PART Number: M844, M844L



M856 LED



- Combination LED stop, turn and tail light
- Over 80" wide combination tail light
- 10/14 Diodes
- M856L with license light

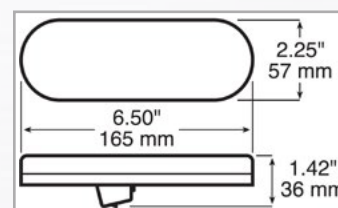
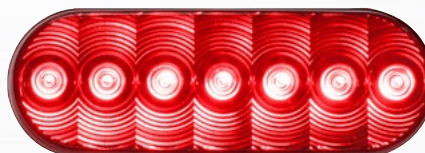


PART Number: M856, M856L

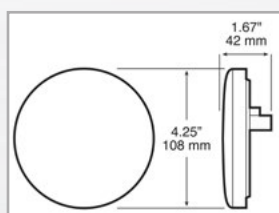
M821R-7 OVAL LED



- Oval LED stop, turn and tail light
- 3 prong plug
- 7 Diodes
- Red grommet mount



PART Number: M821R-7

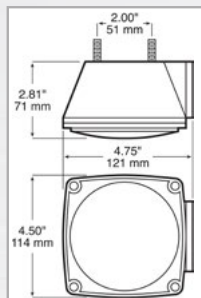


M826R-7 ROUND LED



- 4" Round LED stop, turn and tail light
- 3 prong plug
- 7 Diodes
- Red grommet mount

PART Number: M826R-7



M440 TAIL LIGHT



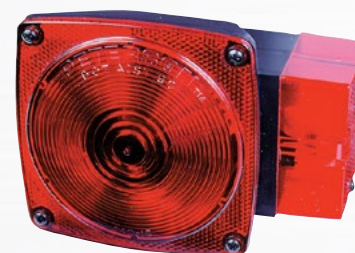
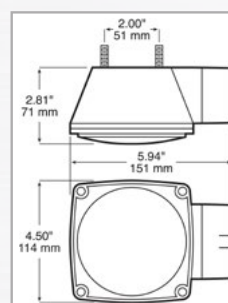
- Incandescent stop turn and tail light
- Under 80" wide combination tail light
- Functions include stop, turn, tail, rear reflex, side marker & side reflex
- M440L with license light

PART Number: M440, M440L

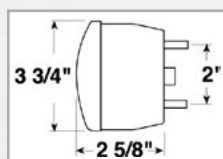
M444 TAIL LIGHT



- Incandescent stop, turn and tail light
- Over 80" wide combination tail light
- Functions include stop, turn, tail, rear clearance, rear reflex, side marker & side reflex
- M444L with license light



PART Number: M444, M444L



M428 UNIVERSAL STUD-MOUNT



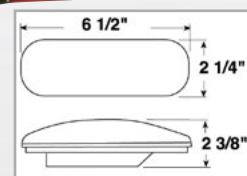
- Incandescent stop, turn and tail light
- Stud-mount combination light that functions as stop, turn, tail and license light (428W only)
- M428W with license light

PART Number: M428S, M428W

M421KR OVAL TAIL LIGHT



- Incandescent oval stop, turn and tail light
- Red light kit includes light, grommet and right angle plug

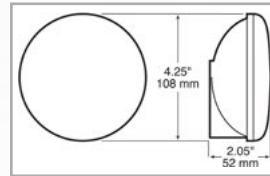


PART Number: 421KR

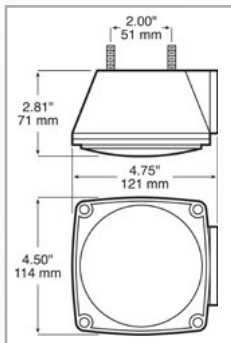
M426KR ROUND TAIL LIGHT



- Incandescent round stop, turn and tail light
- 4" round long-life
- Red light kit includes light, grommet and 3 wire plug



PART Number: M426KR



M540 COMPLETE KIT



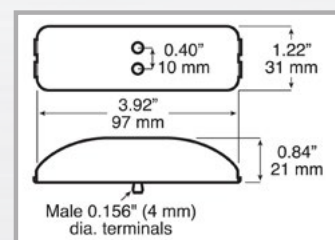
- Complete light kit for small trailers under 80" wide
- 540 kit includes:
 - M440/M440L tail lights
 - Two M114A side marker lights
 - 20' trailer harness
 - License bracket
 - Mounting hardware
 - Installation instructions

PART Number: M540

M161 LED CLEARANCE / SIDE MARKER LIGHT



- Sealed LED light
- Functions as clearance, side marker or identification light
- 4-diode LED alternative to traditional 154-series incandescent lights
- Features sealed lens and housing and operates from 9-16 volts
- Available in amber (M161A) or red (M161R)

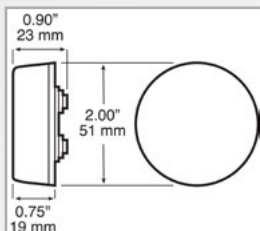


PART Number: M161A, M161R



M164 LED CLEARANCE / SIDE MARKER LIGHT

- 2" round sealed LED light
- Functions as clearance, side marker or identification light
- 3 Diodes
- Accepts industry standard 2-prong plug
- Available in amber (M164A) or red (M164R)

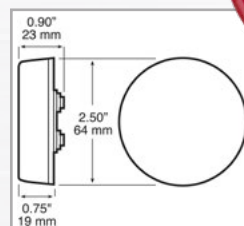


PART Number: M164A, M164R

M162 LED CLEARANCE / SIDE MARKER LIGHT



- 2 1/2" round sealed LED light
- Functions as clearance, side marker or identification light
- 3 diodes
- Accepts industry standard 2-prong plug
- Available in amber (M162A) or red (M162R)



PART Number: M162A, M162R



M203 LED CLEARANCE / SIDE MARKER LIGHT



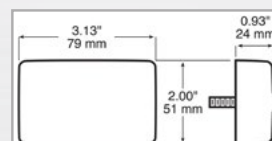
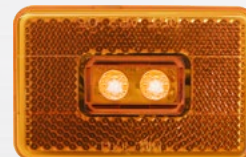
- 2 diode LED
- Lens and base welded together
- Available in amber (M203A) or red (M203R)

PART Number: M203A, M203R

M170 LED CLEARANCE / SIDE MARKER LIGHT



- 2 diode LED
- 2 wire, hard wired design

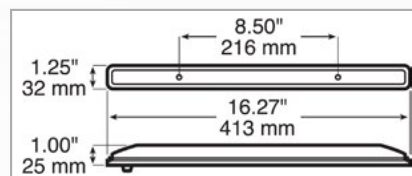


PART Number: M170A

M169-3R IDENTIFICATION LIGHT BAR



- Sealed LED identification light
- 6 diode
- Operates 9-16 volts
- 2 wire, hard wired design



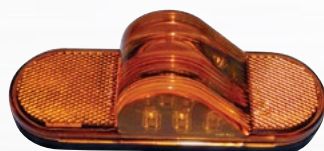
PART Number: M169-3R

MCL-11 LED CLEARANCE / SIDE MARKER LIGHT

- 3 diode LED
- Black rubber grommet included
- Available in amber (M171A) or red (M171R)



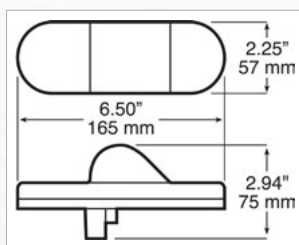
PART Number: M171A, M171R



M351 OVAL TURN LIGHT



- Two-function, 6-diode LED light that may be used as auxiliary mid-turn/mid-marker light, while functioning as side marker light and side reflector
- Integrated industry-standard PL3 socket

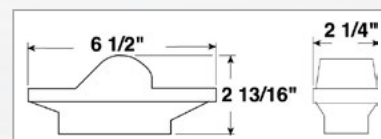


PART Number: M351A

M352 COMBINATION TURN SIGNAL AND SIDE MARKER

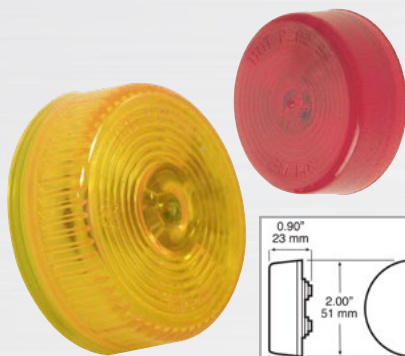


- Kit includes light, 421-18 grommet, and 431-491 plug
- Mid turn light
- Integrated industry-standard PL3 socket



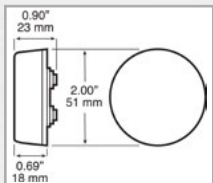
PART Number: M352KA





M146 CLEARANCE / SIDE MARKER LIGHT

- 2" round incandescent light
- Functions as clearance or side marker light
- Features sealed lens and housing
- Comes without flange for use with rubber grommet
- Available in amber (M146A) or red (M146R)

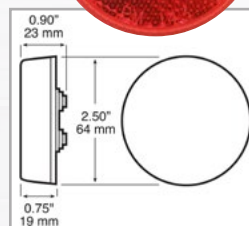


PART Number: M146A, M146R

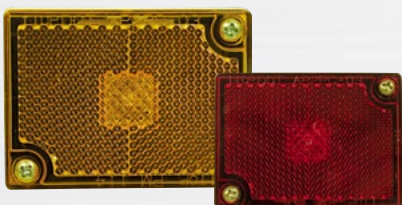
M143 CLEARANCE / SIDE MARKER LIGHT



- 2 1/2" round incandescent light
- Includes built in reflector optics
- Comes without flange for use with rubber grommet
- Available in amber (M143A) or red (M143R)



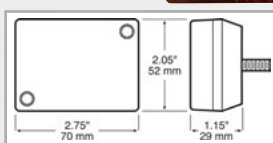
PART Number: M143A, M143R



M114 CLEARANCE / SIDE MARKER LIGHT



- Stud-mount incandescent side marker or clearance light
- Includes built in reflector optics
- Available in amber (M114A) or red (M114R)

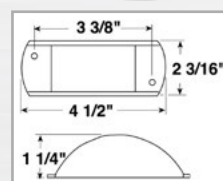


PART Number: M114A, M114R

M119 CLEARANCE / SIDE MARKER LIGHT



- Incandescent clearance/side marker light
- Acrylic lens guarded by steel housing
- Can be spot welded
- Available in amber (M119A) or red (M119R)



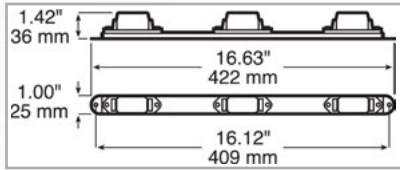
PART Number: M119A, M119R



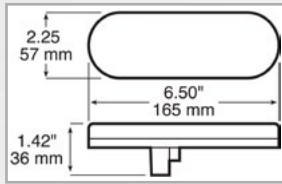
M1073 MINI LIGHT BAR



- Identification bar light for over 80" applications
- Mounts on 16-1/8" centers and grounds throughmounting hardware
- Available in amber (M1073A) or red (M1073R)



PART Number: M1073A, M1073R



M821C-7 OVAL LED BACK-UP LIGHT



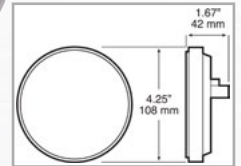
- Oval LED back-up light
- 7 diode
- Accepts PL3 plug

PART Number: M821C-7

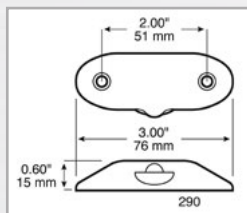
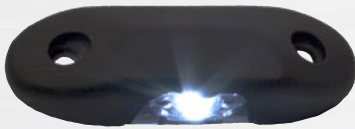
M826C-7 ROUND LED BACK-UP LIGHT



- 4" round clear LED back-up light
- 7 diode
- Accepts PL3 plug



PART Number: M826C-7



M290 LED LICENSE AND UTILITY LIGHT



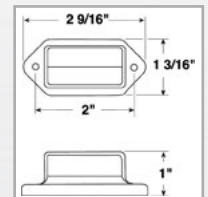
- Single diode
- Available with two different spacers for top or side mount installation

PART Number: M290

M434 MINI UTILITY LIGHT



- Polished, chrome-plated brass housing with hooded shield to prevent upward glare
- Surface mounts with two stainless steel screws on 2" centers and has separate ground wire for non-metallic surfaces

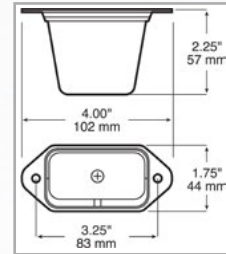


PART Number: M434

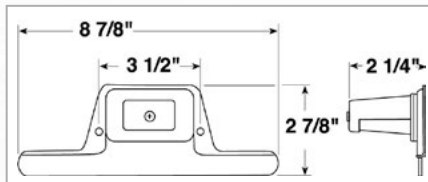
M436 LICENSE PLATE LIGHT



- Internal parts are durable stainless steel or tinned-brass
- Surface mounts on 3 1/4" centers



PART Number: M436



M436B LICENSE PLATE LIGHT



- Internal parts are durable stainless steel or tinned-brass
- Surface mounts on 3 1/4" centers
- M436B includes a black powder-coated, steel license plate bracket riveted to light

PART Number: M436B

MARKER LAMP PLUG

- 2-wire molded plug for clearance and marker lights
- Fits 143, 146, 162 and 164 series clearance and marker lights
- Includes a #10 ring terminal on ground wire; hot wire is stripped



PART Number: B14249

TAIL LIGHT RIGHT ANGLE PLUG

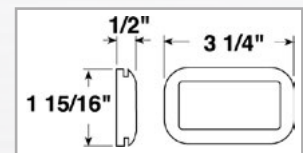
- 3-wire right angle plug for single contact sealed incandescent stop/turn or backup alarms
- Includes #10 ring terminal on ground wire; hot wire is stripped



PART Number: B421491

MOUNTING GROMMET

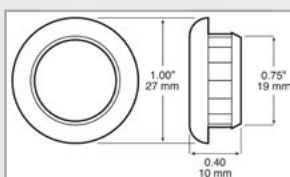
- Allows flush mounting of 203 series light on metallic or non-metallic surfaces
- Requires 142-49 plug for 2-conductor electrical connections
- Hole specs for 150-18: 2.88" x 1.53" x 11/64" max panel thickness



PART Number: B15018

3/4" BLACK GROMMET

- Designed to fit 26 guage steel to 1/4" thick panel (.0179" - .25")
- Made of UV-resistant polymer rubber stays flexible and prevents cracking for extended service life

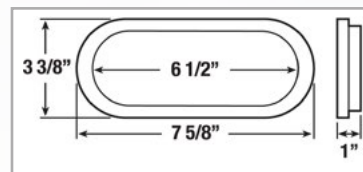


PART Number: B17718

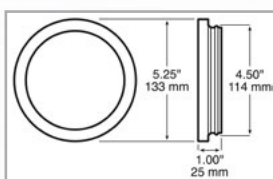
6" OVAL GROMMET



- Black PVC grommet flush mounts oval style lamps
- May be used with 421, 351, 352 and 821 series oval lights and with other similar lights
- Provides additional shock absorbercy to extend lamp life



PART Number: B42118



4" ROUND GROMMET



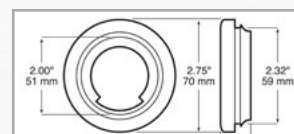
- Black PVC grommet flush mounts 4" diameter round style lamps in 4 1/2" hole
- May be used with 426 and 826 series round stop, turn, and tail lights
- Provides additional shock absorbercy to extend lamp life

PART Number: B42618

2" ROUND GROMMET



- Allows 2" diameter sealed units to be flush mounted
- Fits 2 5/16" mounting hole in panels up to .25" thick
- Installation of incandescent lights requires 142-49 plug
- Fits 146 and 164 series lights



PART Number: B14618



2-1/2" GROMMET

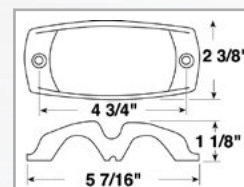
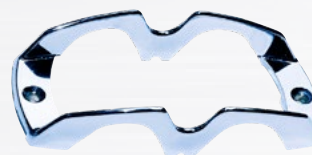


- Allows 2 1/2" diameter sealed units to be flush mounted
- Fits 3" mounting hole
- Fits 143 and 162 series lights

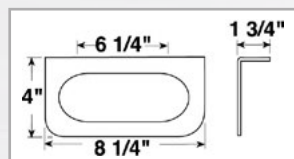
PART Number: B14318

106-09 CHROME GUARD

- Chrome-plated diecast guard provides added protection for oblong lights
- Fits most PM oblong units as well as competitive models



PART Number: B10609



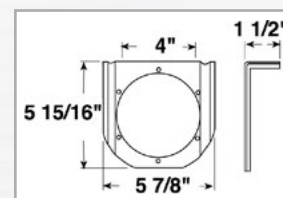
421-09 MOUNTING BRACKET

- Black, powder-coated steel
- For use with 350, 352, 416, 420 or 421 series oval lights, as well as similar competitors' lights
- Requires 421-18 grommet to complete installation

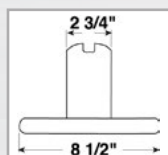
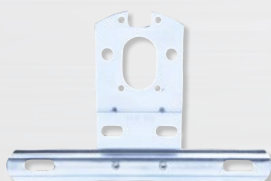
PART Number: 42109

426-09 4" ROUND MOUNTING BRACKET

- Black, powder-coated steel
- For use with 411, 413, 415, 417, 418, 424, 425, 426, and 427 series lights, as well as similar competitors' lights
- Fits all grommet-mounted and most flange-mounted 4" diameter lamps
- Requires 426-18 grommet to complete installation



PART Number: 42609



428-09 UNIVERSAL LICENSE BRACKET

- For use with most PM stud-mounted tail lights
- Zinc-plated steel

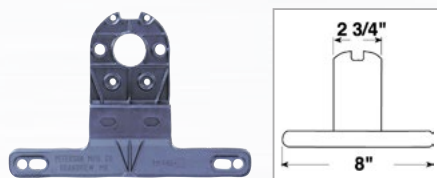
PART Number: 42809

440-09 UNIVERSAL LICENSE BRACKET



- For use with most PM stud-mounted tail lights
- Corrosion-free black or white plastic which flexes on impact

PART Number: 44009

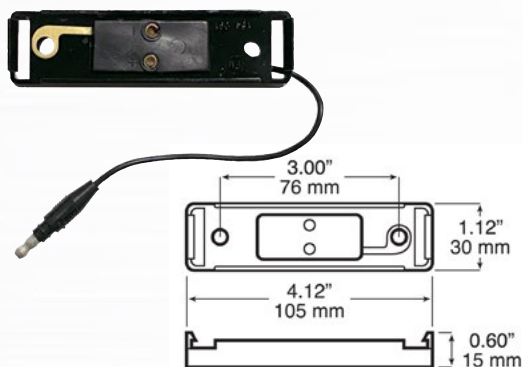


154-11K MOUNTING BRACKET KIT



- Allows 154 and 161 series lights to be surface mounted
- Black Finish
- Mounts on 3" centers

PART Number: B15411K



B421 TAIL LIGHT BOX

- For use with 6" oval lights
- Can use a 2" or 3/4" clearance light
- 16 ga metal

PART Number: B421



B440 TAIL LIGHT BOX



- Tail light guard
- For use with 440,444 & 844 series lights

PART Number: B440



14609 2" ROUND MOUNTING BRACKET



- For use with 2" clearance lights
- Metal weld on L bracket

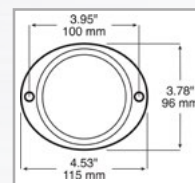
PART Number: 14609



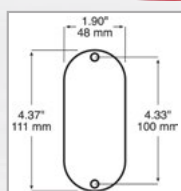
472 ALUMINUM OVAL REFLECTOR



- 3" diameter acrylic lens in low-profile, oval, aluminum housing
- that is rustproof
- Available in amber (B472A) or red (B472R)



PART Number: B472A, B472R



480 OBLONG QUICK-MOUNT REFLECTOR



- 4 3/8" x 1 7/8" acrylic lens with adhesive backing
- May also be mounted on 3 15/16" centers
- Available in amber (B480A) or red (B480R)

PART Number: B480A, B480R

489 RECTANGULAR REFLECTOR

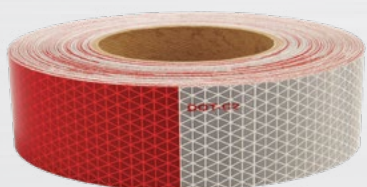
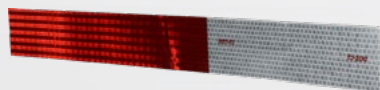


- High-strength, pressure-sensitive adhesive backing
- Rectangular reflector measures 2 3/4" x 1 3/4"
- Available in amber (B489A) or red (B489R)



PART Number: B489A, B489R

DOT REFLECTIVE TAPE



- 2" wide
- 11" red, 7" silver per strip
- Available in 150' rolls (4654)
- Available in 18" strips (4655)

PART Number: 4654, 4655

TRAILER SIDE CONNECTORS



412

- 4 Flat
- 12" Length



63

- 6 Round (Metal)
- HD, die-cast zinc housing



10011

- 7 Blade
- Impact and corrosion resistant



10014

- 7 Round (Metal)
- Impact and corrosion resistant



10012

- 7 Blade
- Molded cable

VEHICLE SIDE CONNECTORS



448

- 4 Flat
- 48" Length



62

- 6 Round (Metal)
- HD, die-cast zinc housing



10010

- 7 Blade
- ABS plastic housing



10013

- 7 Round (Metal)
- HD, die-cast zinc housing

ADAPTERS



9947

- 7 Blade to 6 Round and 4 Flat
- Provides multiple towing options from on connector
- Switchable center pin accommodates both 6 roundwiring codes



9943

- 7 Blade to 4 Flat
- Easy-grip weatherproof design
- Includes dust cover



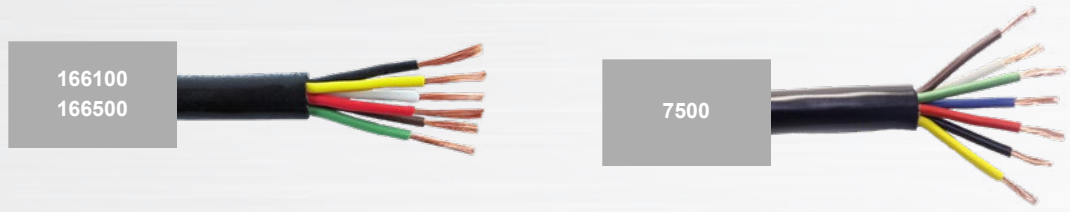
9942

- 7 Blade to 6 Round
- Includes dust cover
- Universal center pin accommodates both 6 Round wiring codes
- Corrosion resistant, tin-plated terminals

TRAILER CABLE

Trailer Cable		
Part Number	Gauge	Description
166100	16/6	100' spool, jacketed trailer cable
*166500	16/6	500' spool, jacketed trailer cable
*7500	12/3 14/4	500' spool, 7 strand jacketed trailer cable

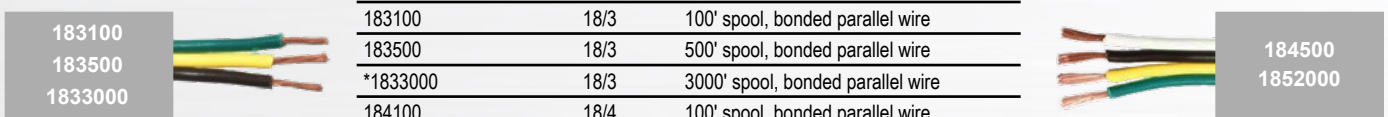
* Large spool also sold by foot



BONDED WIRE

Bonded Wire		
Part Number	Gauge	Description
183100	18/3	100' spool, bonded parallel wire
183500	18/3	500' spool, bonded parallel wire
*1833000	18/3	3000' spool, bonded parallel wire
184100	18/4	100' spool, bonded parallel wire
184500	18/4	500' spool, bonded parallel wire
*1842000	18/4	2000' spool, bonded parallel wire

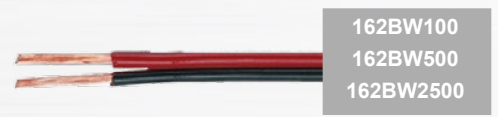
* Large spool also sold by foot



JACKETED PRIMARY WIRE

Jacketed Primary Wire		
Part Number	Gauge	Description
162BW100	16/2	100' spool, jacketed primary wire
*162BW500	16/2	500' spool, jacketed primary wire
*162BW2500	16/2	2500' spool, jacketed primary wire

* Large spool also sold by foot

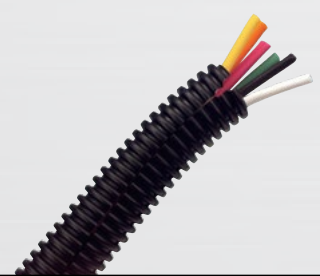


SINGLE STRAND WIRE



Single Strand Wire		
Part Number	Gauge	Description
121100	12/1	100' spool, single strand wire

CABLE LOOM



Part Number	Length	Size	Description
*WL12	500'	1/2"	Black polyethylene corrugated loom, split for easy installation

* Large spool also sold by foot



JUNCTION BOX

- ABS Plastic
- 7 Color Coded Terminals
- Wire Consolidation

PART Number: JB7



BUTT CONNECTORS

Part Number	Gauge	Description
BC14-16	14-16	Blue butt connector, bag of 100
BC18-22	18-22	Red butt connector, bag of 100

RING TERMINAL

Part Number	Gauge	Stud/Tab Size	Description
RT10	16-14	10	Bag of 25, heat shrinkable nylon



12 VOLT BATTERY

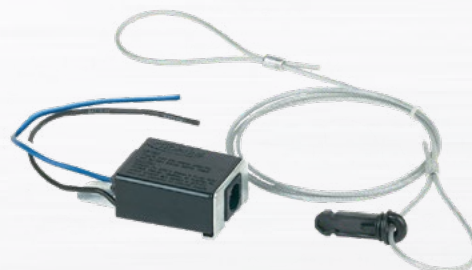
- 5 amp hour rated
- Will hold 1 to 2 axle trailer brakes on for at least 15 minutes
- Rechargeable sealed battery

PART Number: 20008

BREAK AWAY SWITCH

- 7 inch wires
- 48 inch pin and cable
- Weatherproof design

PART Number: 2010



LED TEST BREAK AWAY KIT

- Brakes activate upon separation from tow vehicle
- 1 to 2 axle capacity
- Kit includes a break-away switch and cable and three mounting bolts
- For use with trailer equipped with up to 4 trailer brakes



PART Number: 20100



9AMP BREAKAWAY KIT

- Charger Included
- DOT Approved for E/H Actuators
- 110" & 120" Hoses
- Control valve, fittings, strap & cables

PART Number: 34-285

BRIGHTWAY BATTERY CHARGER

- 5 Amp Hours
- Fits Toolbox Cutout
- 12 Volt 5 Amp with Test Light

PART Number: TBCHARGER



Section J

Hardware and Accessories

Safety Chains	J-1
Tie Downs	J-1
Ratchet Straps & Winch Accessories	J-1
Hinges	J-1
Ramp & Tailgate Accessories	J-1
Trailer Flooring Accessories	J-2
Elbows & Pipe Caps	J-2
Handles	J-2
Trailer Winch	J-2
Spare Tire Mount	J-2



SAFETY CHAINS

Part No	Size	Description
4004	3/16" x 48"	Safety chain with hooks and keeper
4005	1/4" x 27"	Safety chain with hook and keeper
4006	5/16" x 30"	Safety chain with hook; 18800# Capacity
4007	3/8" x 35"	Safety chain, grade 70 with keeper
177	7/16"	Safety clip for safety chain
179	3/8"	Safety clip for safety chain
180	-	Weld On Clevis for 3/8" Chain



4005



179



4007

TIE DOWNS

Part No	Size	Description
2414	3" x 4"	Straight stakepocket; 1/4" material
58DR	5/8"	Standard weld-on "D" ring; 6130# working load limit
12DR	1/2"	Standard weld-on "D" ring; 4080# working load limit
1DR	1"	Standard weld-on "D" ring; 15300# working load limit
172	4.50" x 4.87"	Recessed rope ring / tie down ring; 6000# rated capacity
WF901	6.190"	Zinc plated, recessed ring, 360° rotation; 6000# rated capacity
SPDR	1/2"	Stake Pocket D Ring



1DR



WF901



SPDR



172

RATCHET STRAPS AND WINCH ACCESSORIES

Part No	Description
8110	Standard weld-on winch for 3" x 4"
8250	Sliding winch, high profile, will hold approx. 30' webbing
6112	Weld-on slider winch track, 6' long
6341	Winch bar, painted black
6361	Winch bar, chrome combination
6R27FH	2" wide ratchet assembly with flat hook; 30' orange with PVC webbing 2000# working load limit
WS227FH	2" wide winch strap with flat hook; 30' green with PVC webbing 3335# working load limit
WS427FH	4" wide winch strap with flat hook; 30' green with PVC webbing 5400# working load limit
43986-10	2" - 4" strap corner protector
WSW	Winch Strap Winder



8110



6112



43986-10



8250



6R27FH



WS247FH



6361

HINGES

Part No	Length	Pin	Description
BH38	4"	3/8"	Teardrop hinge with grease fitting
BH12	4.50"	1/2"	Barrel hinge with grease fitting
BH17	7"	1"	Barrel hinge with grease fitting; 1 1/4" OD



BH38



BH12



BH17

RAMP AND TAILGATE ACCESSORIES

Part No	Description
175	Pair of ramp springs; 1 - LH and 1 - RH; for 1 1/2" shaft
176	Pair of ramp springs for tailgate; 1 - LH and 1 - RH; for 1" shaft
178	Pair of ramp springs; 1 - LH and 1 - RH; for 2" shaft
173	7/16" Linch Pin
174	Stabilizer Pin



175



176



173



174

HARDWARE & ACCESSORIES



TRAILER FLOORING ACESORIES

Part No	Size	Description
14214	1/4" x 2 1/4"	Torx floor screw
516214	5/16" x 2 1/4"	Torx floor screw
T30	-	Torx drive bit
T40	-	Torx drive bit
732DB	7/32"	Drill bit
932DB	9/32"	Drill bit



ELBOWS AND PIPE CAPS

Part No	Size	Description
15845	1 5/8"	45° Elbow
15890	1 5/8"	90° Elbow
158PC	1 5/8"	Pipe Cap
178PC	1 7/8"	Pipe Cap
238PC	2 3/8"	Pipe Cap
278PC	2 7/8"	Pipe Cap
312PC	3 1/2"	Pipe Cap
412PC	4 1/2"	Pipe Cap
658PC	6 5/8"	Pipe Cap



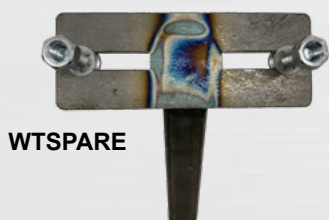
HANDLES

Part No	Description
1ML	Key Lockable Paddle Handle; Electro-Galvanized
1MLS	Key Lockable Paddle Handle; Stainless
2ML	Folding T-Handle Latch; Stainless



TOOLBOXES

Part No	Description
TBAF	A-Frame Toolbox 33" x 18" x 18" x 12"
TBDUMP	A-Frame Toolbox with Dump Cutouts



SPARE TIRE MOUNT

Part No	Description
WTSPARE	9" Weld-on spare tire mount
WTSPAREBOLT	1/2" x 11/2" Carriage Bolt
WTSPARERETAINER	1/2" Bolt Retainer

Section K

Towing and Accessories

Trailer Balls & Mounts	K-1 & K-2
Receiver Tubes and Pins	K-2



TRAILER BALLS AND BALL MOUNTS

K

TRAILER BALLS

Part Number	Type	Diameter	Length	Rise	Capacity	Finish
94010	3"	2"	3 1/4"	1"	40K	Raw
94004	2-5/16"	1-1/4"	2 5/8"	0"	30K	Raw
94006	2-5/16"	1-1/4"	2 3/4"	1"	30K	Raw
98027	2-5/16"	1"	2 1/8"	0"	7.5K	Chrome
98024	2"	1"	3"	0"	6K	Chrome
98015	2"	3/4"	2 1/8"	0"	3.5K	Chrome
98045	1-7/8"	1"	2 1/8"	0"	6K	Chrome
98009	1-7/8"	1"	2 1/8"	0"	3.5K	Chrome
98003	1-7/8"	3/4"	2 1/8"	0"	2K	Chrome



94006



98045



94004

BALL MOUNTS CLASS III

Part No	GTW (lb)	TW (lb)	Drop	Rise	Length	Ball Hole	RCTS	Finish
O43	7.5K	750	2"	3/4"	7 1/2"	1"	2"	Gloss Black Powder Coat
O45	7.5K	750	4"	2"	8 1/4"	1"	2"	Gloss Black Powder Coat
O47	Drop - 7.5K Rise - 6K	Drop - 750 Rise - 600	6"	4"	9 1/4"	1"	2"	Gloss Black Powder Coat



O43



O45



O47

FORGED BALL MOUNTS

Part No	GTW (lb)	TW (lb)	Drop	Rise	Length	Ball Hole	RCTS	Finish
O50	15K	1.5K	2"	1"	8 1/2"	1 1/4"	2"	Carbide Black Powder Coat
O52	7.5K	2.55K	4"	3"	8 1/2"	1 1/4"	2"	Carbide Black Powder Coat



O50



O52

ADJUSTABLE PINTLE MOUNTS

Part No	GTW (lb)	Drop	Rise	Length	RCTS	Plate Ht	Face Plate	Finish
O41	10K	6 1/2"	1/2"	8 1/2"	2"	7"	1 3/4" H x 3 5/16" W	Carbide Black Powder Coat
O42	10K	11 1/2"	6"	12 1/2"	2"	13"	1 3/4" H x 3 5/16" W	Carbide Black Powder Coat



O41



O42

PINTLE HOOKS

Part No	GTW (lb)	Drawbar Eye Inner Diameter	M.V.L	Finish
PHT60AOL08	30K	2.00-3.00	6K	Forged Steel Black Powder Coat
PH-400-1	100K	2.38-3.00	20K	Cast Steel Black Powder Coat



PH-400-1



PHT60AOL08

TOWING AND ACCESSORIES

TRAILER BALLS AND BALL MOUNTS



31004

MULTI-BALL MOUNT

Part No	GTW/TW (lb)	TW (lb)	Diameter	Length	RCTS	Finish
31004	Ball 1 - 7.5K / 750	750	2"	7" & 8 1/2"	2"	Gloss Black Powder Coat
	Ball 2 - 10K / 1K	1K	2 5/16"			



75065

FOLDING "HIDE-AWAY" HITCH BALL

Part No	GTW (lb)	Description	Finish
75065	25K	Requires 8" x 14 3/8" hole, 2 5/16" ball	Gloss Black



O58

REDUCER BUSHING

Part No	Description	Finish
O58	Reduces 1 1/4" diameter hole to 1"	Yellow Zinc

RECEIVER TUBES AND PINS



025

026

030

RECEIVER TUBES AND ADAPTERS

Part No	Description	Material
025	2.5" to 2" Receiver Tube Adapter, Zinc Plating	Carbon Steel
026	2" Plain Receiver Tube, 6" Shank	Carbon Steel
028	2" Plain Receiver Tube, 12" Shank	Carbon Steel
030	2" Plain Receiver Tube, 24" Shank	Carbon Steel



O20

694

HITCH PIN AND LOCK

Part No	Description
O20	5/8" diameter pin fits 2" x 2" receiver tubes
694	Receiver Lock, Bent Pin, 5/8" for 2" & 2-1/2" Sq. Receivers

Section L

Dump Hoist and Accessories

Dump Hoist Kit	L-1
Dump Hoist Accessories	L-1
Tarp Kits	L-1



DUMP HOIST

L

DUMP HOIST KIT	
Part Number	Description
H-520KIT	Dump Hoist Kit Contains: 5" x 20" Cylinder Powdercoated Hoist Assembly 4qt Power Unit 2.50" Locking Collars HD Hinges Prop Kit Load Control Valve Fittings Battery Strap & Cables 110" & 120" Hoses
H-620KIT	Dump Hoist Kit Contains: 6" x 20" Cylinder Powdercoated Hoist Assembly 4qt Power Unit 2.50" Locking Collars HD Hinges Prop Kit Load Control Valve Fittings Battery Strap & Cables 110" & 120" Hoses
H-4120	Dump Hoist Kit Contains: 4.4" x 120" Telescoping Cylinder 7 Gallon Power Unit H Shaped Mounting Bracket Mounting Plate HD Hinges Prop Kit Load Control Valve Fittings Battery Strap & Cables Hydraulic Hose
H-4144	Dump Hoist Kit Contains: 4.4" x 144" Telescoping Cylinder 7 Gallon Power Unit H Shaped Mounting Bracket Mounting Plate HD Hinges Prop Kit Load Control Valve Fittings Battery Strap & Cables Hydraulic Hose



DUMP HOIST AND ACCESSORIES

DUMP HOIST AND ACCESSORIES

DUMP HOIST ACCESSORIES

Part Number	Description
H-PU4	4qt Dual Acting Hydraulic Power Unit with Remote Pendant
H-PU4GD	4qt Dual Acting Hydraulic Power Unit 3 Button Gravity Down
H-PU6	6qt Dual Acting Hydraulic Power Unit with Remote Pendant
H-PU6GD	6qt Dual Acting Hydraulic Power Unit 3 Button Gravity Down
H-PU7G	7 Gallon Power Up Gravity Down Hydraulic Power Unit
H-REMOTE	Hydraulic Remote Pendant 2 Button
H-REMOTE3	Hydraulic Remote Pendant 3 Button
H-6WFD	6 Way Hydraulic Splitter Valve
H-FD	Fluid Control Valve
H-CAP	Hydraulic Power Unit Cap
H-SR391	Starter Relay 12V DC 250A
H-SL13392Q	Square Solenoid for Port A
H-SL13372R	Round Solenoid for Port B
H-C520	5" x 20" Hydraulic Cylinder
H-C620	6" x 20" Hydraulic Cylinder
H-F38	3/8" Hydraulic Fitting
H-F3890	3/8" Hydraulic Fitting, 90°
H-H110	3/8" x 110" Hydraulic Hose
H-H120	3/8" x 120" Hydraulic Hose
H-HS18SS	3/8" x 18" Hydraulic Hose
H-HS72SL	3/8" x 72" Hydraulic Hose
H-HDH	Heavy Duty Hinge for Dump Trailer
H-LC25	2.5" Hydraulic Locking Collar
H-VALVE	Hydraulic Load Control Valve
H-TB310	Tilt Bed Cylinder Assembly; 3" x 10"; Pins and Cotter Keys Included
H-TB-CS1	Weld On Bracket for Tilt Cylinder
H-TB-CS2	Weld On Rear Bracket for Tilt Cylinder
H-BC	Pair of Battery Cables; 4GA x 20"
H-PROP	Prop Kit with Cup
TBDUMP	A-Frame Toolbox with Cutouts

TARP KITS

Part Number	Description
TK8314	83" x 14' Trailer Length; 18' Tarp Length; Front Hex Tube; Rear Anti Slip Rod; Handle and Hardware Kit
TK8318	83" x 18' Trailer Length; 22' Tarp Length; Front Hex Tube; Rear Anti Slip Rod; Handle and Hardware Kit
TK18	83" x 18' Tarp
TK22	83" x 22' Tarp



TK18
TK22



H-6WFD



H-HDH



H-PU4



H-VALVE



H-F3890



H-F38



H-FD



TK8314
TK8318



H-REMOTE



H-TB310

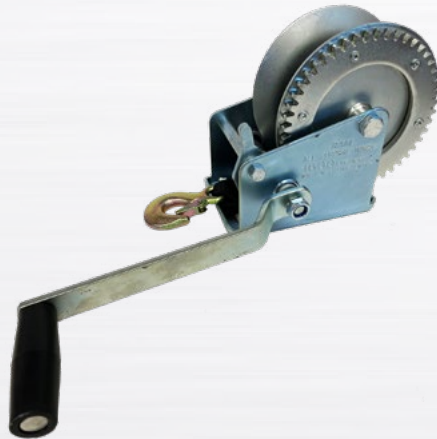


TBDUMP

Section M

Marine Parts and Accessories

DISC Brake Parts.....	M-1
Marine Accessories	M-2



3.7K DB-35 DISC BRAKE PARTS



Key	Part Number	Description
1	10-173	O-Ring, 1-1/2" x 1-5/8", Located under L-Ring (Not Shown)
2a	60-041	SS L-Ring Where Seal Rides, Without Grease Outlet Hole
2b	60-036	SS L-Ring Where Seal Rides, With Grease Outlet Hole
3	7-299	7/16"- 20 x 1-1/8" Mounting Bolt with Loctite
4a	K71-773-1	Caliper Body Assembly, Zinc Plated with Pads Left Hand
4b	K71-773-2	Caliper Body Assembly, Zinc Plated with Pads Right Hand
5a	10-168	Grease Seal 1.68" I.D. - 2.56" O.D. (2005 & Newer)
5b	10-172	Oil Seal Vault 1.68" I.D. - 2.56" O.D.
6	L68149	Bearing Cone
7a	L68111*	Bearing Cup Gen. 2 (Not Shown)
7b	L68110*	Bearing Cup Gen. 1 (Not Shown)
8a	8-435-03	Hub/Rotar, 5 on 4-1/2" Bolt Pattern, Raw
8b	8-435-05	Hub/Rotar, 5 on 4-1/2" Bolt Pattern, Zinc Plated
8c	8-437-01	Hub/Rotar, 545, Stainless Rotor & Zinc Plated Hub
9	31-031-01	Bearing Cup, L44610 (Not Shown)
10	31-031-02	Bearing Cone, LM44649
11	5-164	Spindle D-Washer, 1-5/8" O.D. x 3/32" Thick (Heat Treated)
12	6-210	Spindle Nut, 13/16"- 20 x 5/16" Thick
13	6-211	Spindle Nut Retainer
14	19-022	Cotter Pin, 1/8" x 1-1/4"
15	10-169	O-Ring, Hub Nose, 2" x 2-1/8" x 1/16"
		Protector Size 1.980"
* - Generation 1 or 2 must check to see what applies		

MARINE ACCESSORIES

TRAILER WINCH

Part No	Description
5402	Trailer winch; 600# capacity
5407	Trailer winch; 1600# capacity



5402



5407

SWIVEL JACKS

Part No	Support & Lift Capacity (lbs)	Handle Style	Travel Distance	Bracket Height	Retracted Height	Description
MJ-1000W	1000 / 1000	Sidewind	10"	12.7"	23.25"	Weld on bracket, 6" caster
MJ1001B	1000 / 1000	Sidewind	10"	12.7"	23.25"	Bolt on bracket, 6" caster



MJ1001B



MJ-1000W