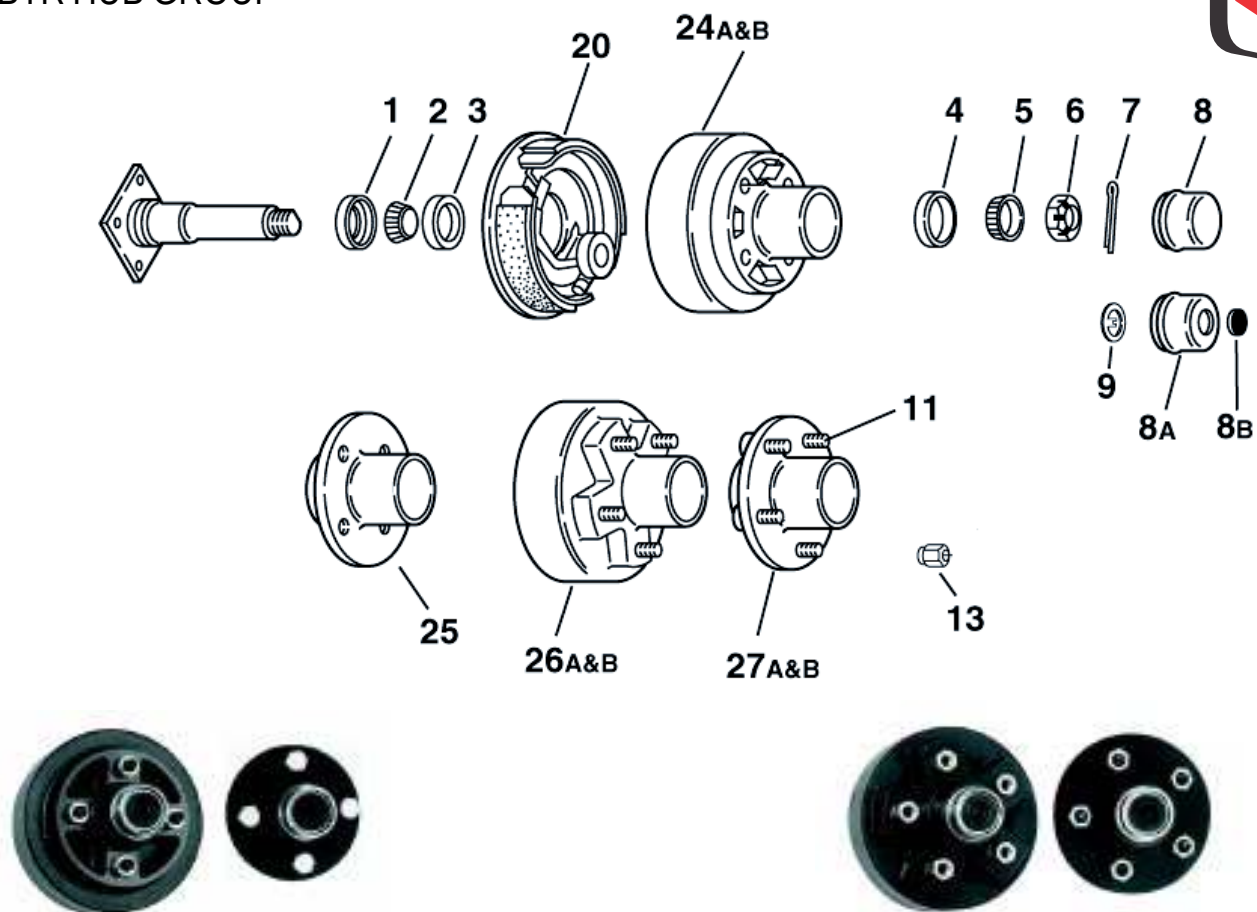


2,000 LB. CAPACITY
S-20 - BTR HUB GROUP



STANDARD GREASE LUBE PARTS

Item	Part #	Description
	602	Bearing Kit - 1 Hub
1	10-9	10-9 Grease Seal
2	L44649	Inner Bearing Cone
3	L44610	Inner Bearing Cup
4	L44610	Outer Bearing Cup
5	L44649	Outer Bearing Cone
6	821-3	Spindle Nut
7	880-2	Cotter Pin (not used with E-Z Lube)
8	DC-11	Grease Cap
8A	DC-11A	Grease Cap for E-Z Lube
8B	85-1	Rubber Plug for E-Z Lube
9	841-5	Tang Washer for E-Z Lube

HUBS

Item	Part #	Description	Bolt Circle
25	8-441	Plain Hub - tapped	4 on 4.00
24A	9-441	Hub & Drum - tapped for use w/electric brakes only	4 on 4.00
24B	9-441H	Hub & Drum - tapped for use w/hydraulic brakes only	4 on 4.00
27A	8-451	Plain Hub - tapped 5 1/2" dia. flange for 8"	5 on 4.50
27B	8-451-LD	Plain Hub - studed 6 1/2" dia. flange for 12" and 13" wheels	5 on 4.50
26A	9-451	Hub & Drum - studed for use w/electric brakes only	5 on 4.50
26B	9-451H	Hub & Drum - studed for use w/hydraulic brakes only	5 on 4.50

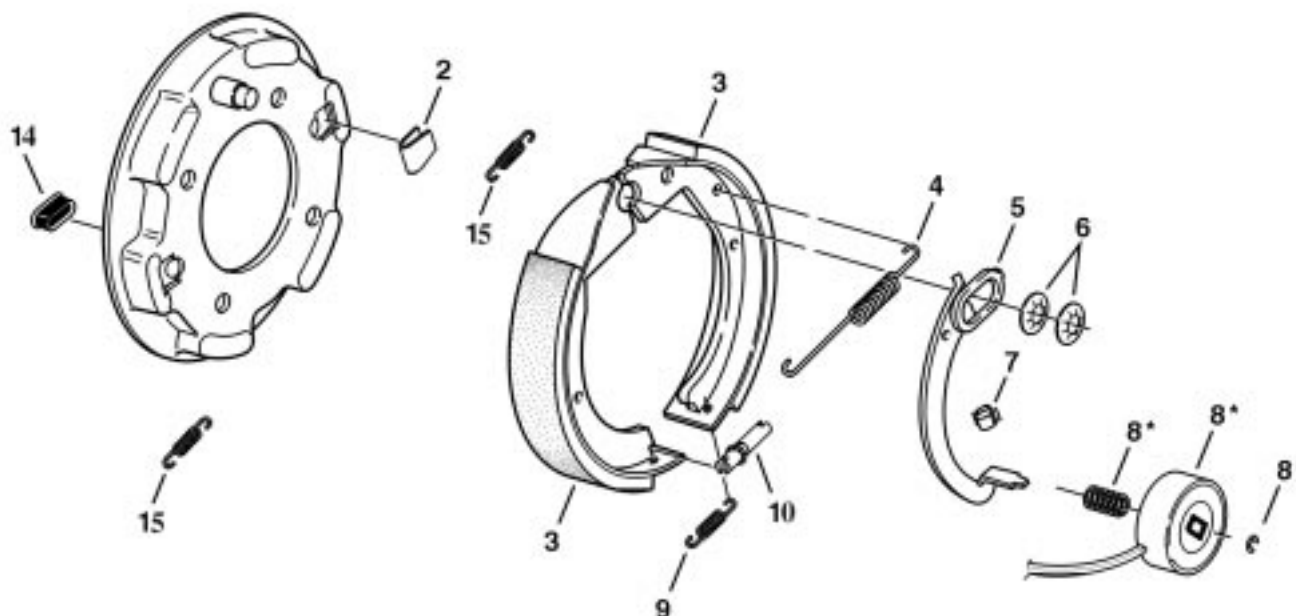
BRAKES

Item	Part #	Description
20	12-709	LH 7x1 1/4 Electric
20	12-710	RH 7x1 1/4 Electric
ns	13-711	LH 7x1 3/4 Hydraulic Uni-servo
ns	13-712	RH 7x1 3/4 Hydraulic Uni-servo

STUDS & WHEEL NUTS

Item	Part #	Description
ns	WB-30	1/2-20 Bolt - 90 Deg. Taper
ns	WB-40	1/2-20 Bolt - 60 Deg. Taper
11	DE-04	1/2-20 Wheel Stud
13	WN-2	1/2-20 Wheel Nut

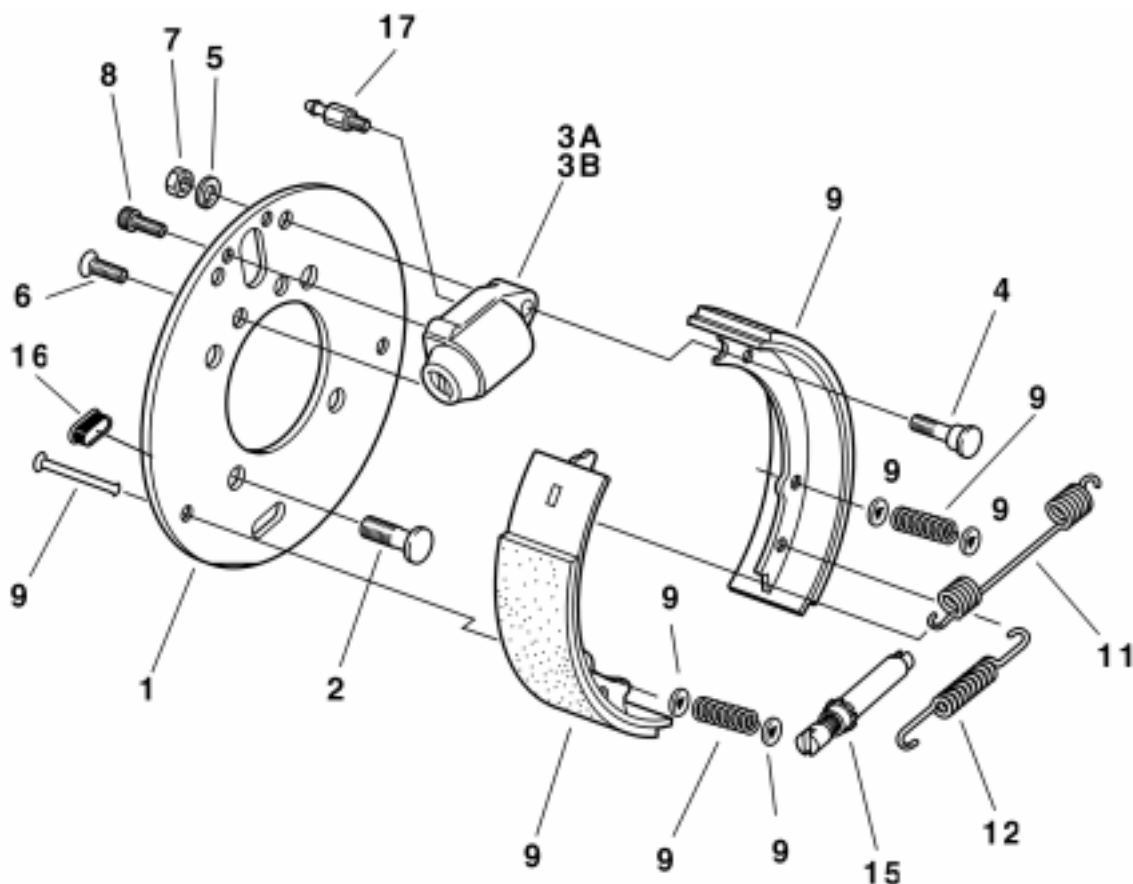
ns - not shown



ELECTRIC BRAKES & COMPONENTS

Item	Part #	Qty/Brk	Description
	12-709	1	LH Complete Brake Assembly
	12-710	1	RH Complete Brake Assembly
2 & 4	71-361	1	Spring Kit containing:
		1	#046-023-00 Shoe Hold Down Spring
		1	#046-024-00 Retractor Spring
3	71-45	1	Shoe & Lining Kit containing:
		1	#040-125-00 Primary S&L
		1	#040-049-00 Secondary S&L
5	47-114-01	1	LH Actuating Lever Arm
	47-115-01	1	RH Actuating Lever Arm
6	46-030-00	2	Anchor Post Clip
7	27-005-00	1	Wire Clip
8	71-57	1	Magnet Kit containing:
		1	#042-134-00 Magnet
		1	#046-121-00 MagnetClip
		1	#046-086-00 Magnet Spring
9 & 10	71-323	1	Adjusting Spring Kit
		1	#046-022-00 Adjusting Screw Spring
		1	#043-021-00 Adjusting Screw
14	46-007-00	1	Plug
15	46-114-00	2	Shoe Centering Spring

7 X 1 3/4" HYDRAULIC BRAKE

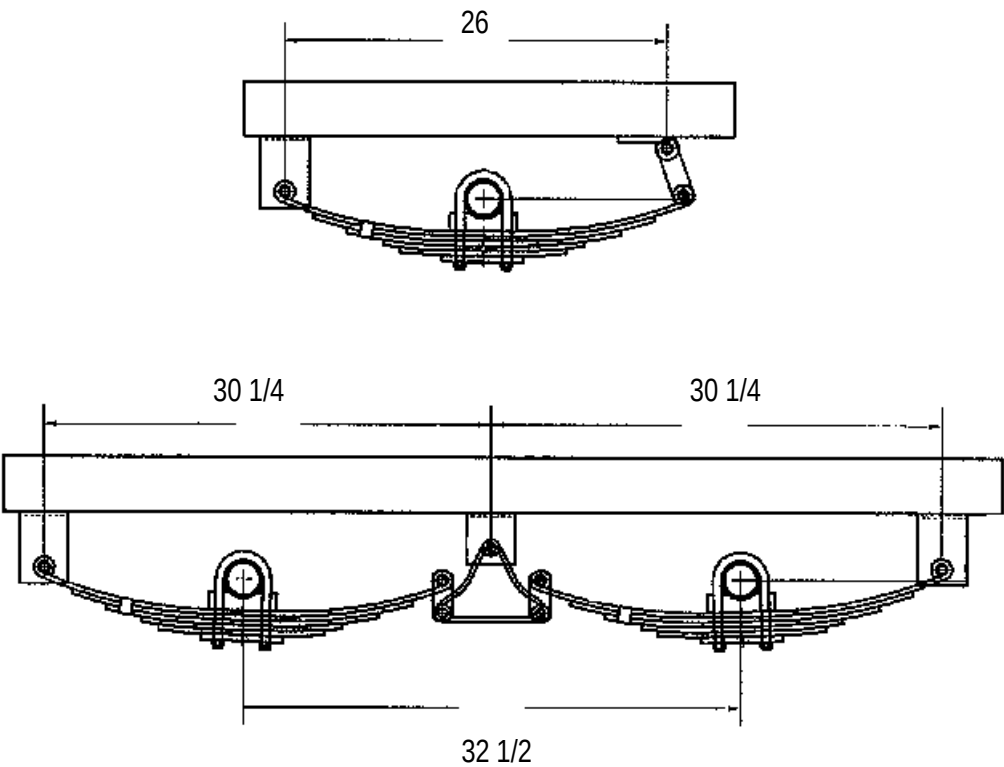


HYDRAULIC BRAKES & COMPONENTS

Item	Part #	Qty/Brk	Description
	13-711	1	LH Complete Brake Assembly
	13-712	1	RH Complete Brake Assembly
1	N/A	1	Backing Plate
2	N/A	4	Mounting Stud - Press-in
3A & 3B	84210	1	Wheel Cylinder Assembly - LH - Attwood
		1	Wheel Cylinder Assembly - RH - Attwood
3A & 3B	54-80-03	1	Wheel Cylinder Assembly - LH - Dexter
	54-80-04	1	Wheel Cylinder Assembly - RH - Dexter
4	N/A	1	Anchor Post
5	N/A	1	Lock Washer
6	N/A	1	Counter Sunk Cap Screw
7	N/A	1	Hex Nut
8	N/A	1	Socket Head Cap Screw
9	19-861	1	Shoe Kit for 1 Axle - Attwood
9	71-466	1	Shoe & Lining Kit - Dexter - containing
		1	#040-327-01 Primary S&L
		1	#040-328-01 Secondary S&L
		2	#046-006-00 Shoe Hold Down Spring
		4	#035-001-00 Shoe Hold Down Spring Cup
		2	#049-014-00 Hold Down Pin
11	46-126	1	Retractor Spring
12	46-127	1	Adjusting Screw Spring
15	43-29	1	Adjuster Screw Assembly
16	46-7	1	Adjuster Slot Plug



Double Eye Spring Suspension



DOUBLE EYE SPRINGS

Part #	Capacity/Spring
5015-3	675 lbs.
5015-4	900 lbs.
5015-5	1000 lbs.

Single Hanger Kits

Part #	Description
540-2	Front Hanger
540-10	Rear Hanger Eye
545-3	Shackle Strap
801-1	9/16 Shackle Bolt
810-2	7/16 Flanged Lock Nut

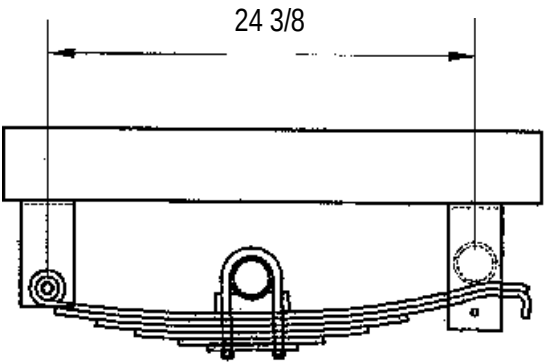
Tandem Hanger Kits

Part #	Description
540-2	Front and Rear Hanger
540-14	Centre Hanger
543-0	Equalizer
545-2	Shackle Strap
801-1	9/16 Shackle Bolt
810-2	7/16 Flanged Lock Nut

Some combinations of hangers and spring mounting may result in insufficient bump clearance.



Slipper Spring Suspension



SLIPPER SPRINGS

Springs		Single Hanger Kits	
Part #	Capacity/Spring	Part #	Description
BT25-6	500 lbs.	540-14	Front Hanger
BT25-9	750 lbs.	540-15	Rear Hanger Eye
BT25-15	1200 lbs.	801-1	9/16 Shackle Bolt
		810-2	7/16 Flanged Lock Nut
		800-1	3/8 x 3 1/2 Bolt
		820-1	3/8 Lock Nut

Some combinations of hangers and spring mounting may result in insufficient bump clearance.

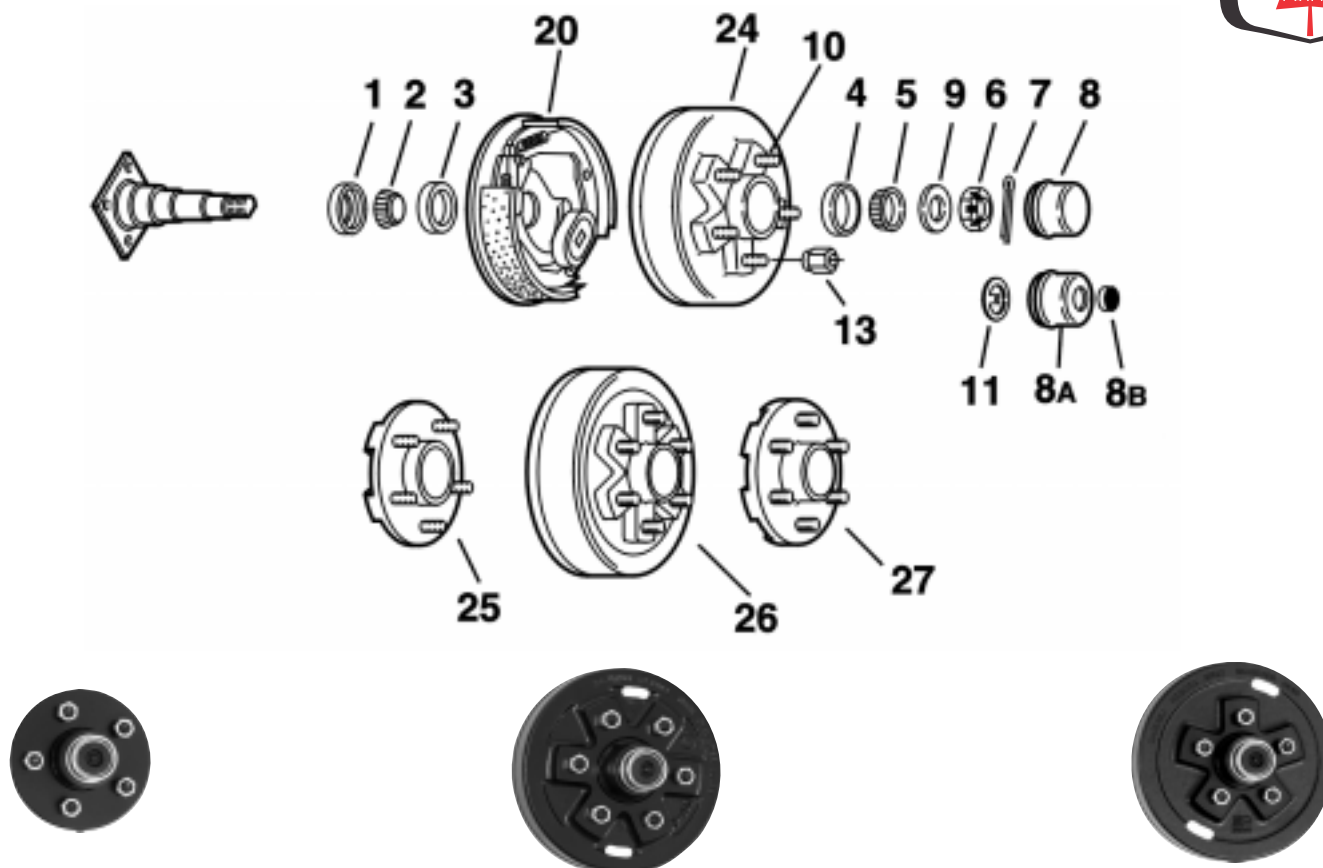
WHEELS



Part #	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type
15-124-4-1	12 x 4JA	4 on 4.00	2.84	0	1045@90	Eight Spoke
16-124-4-1	12 x 4JA	4 on 4.00	2.84	0	1045@90	Mini-Mod
14-1345-4	13 x 4 1/2JJ	4 on 4.00	2.50	.25 In	1250@50	Conventional
15-1345-5-1	13 x 4 1/2JJ	4 on 4.00	2.62	0	1100@50	Eight Spoke
15-124-5-1	12 x 4JA	5 on 4.50	3.19	0	1045@90	Eight Spoke
16-124-5-1	12 x 4JA	5 on 4.50	3.19	0	1045@90	Mini-Mod
14-1345-5	13 x 4 1/2JJ	5 on 4.50	2.62	.50 In	1360@50	Conventional
15-1345-5-1	13 x 4 1/2JJ	5 on 4.50	3.19	0	1360@50	Eight Spoke
16-1345-5-1	13 x 4 1/2JJ	5 on 4.50	3.19	0	1360@50	Mini-Mod

3,500 LB CAPACITY

S-35 H HUB GROUP WITH OPTIONAL BOLT CIRCLE



STANDARD GREASE LUBE PARTS

Item	Part #	Description
	603	Bearing Kit - 1 Hub
1	SE-22EZ	Grease Seal
2	L68149	Inner Bearing Cone
3	L68111	Inner Bearing Cup
4	L44610	Outer Bearing Cup
5	L44649	Outer Bearing Cone
6	821-3	Spindle Nut
7	880-2	Cotter Pin
8	DC-11	Grease Cap
8A	DC-11A	Grease Cap for E-Z Lube
8B	85-1	Rubber Plug for E-Z Lube
9	841-1	Spindle Washer
11	841-5	Tang Washer for E-Z Lube

10 X 2 1/4 BRAKES

Item	Part #	Description
20	12-1013	LH Electric
20	12-1014	RH Electric
ns	13-1015	LH Hydraulic Uni-servo
ns	13-1016	RH Hydraulic Uni-servo

STUDS & WHEEL NUTS

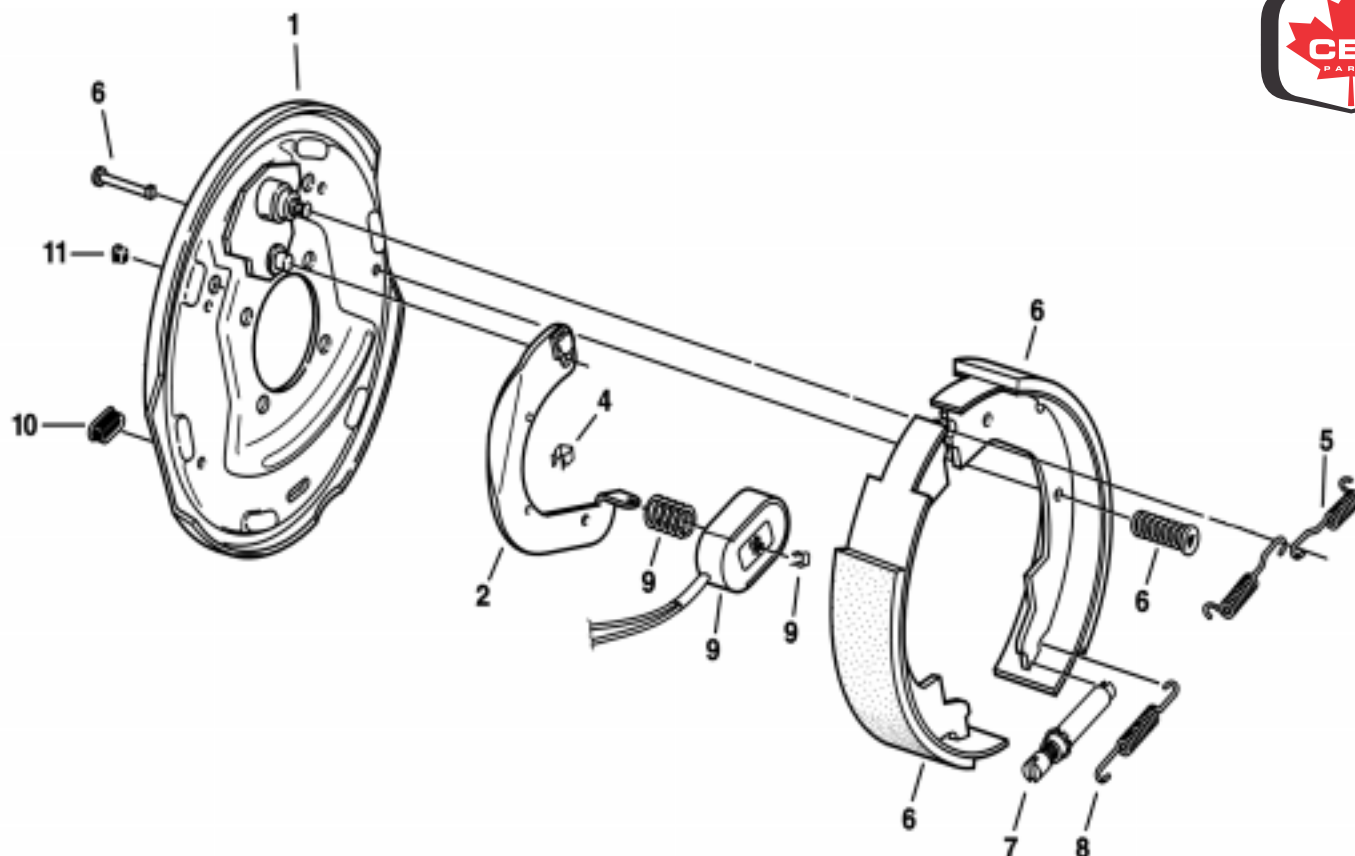
Item	Part #	Description
10	WS-112	Wheel Stud
13	WN-2	1/2-20 Wheel Nut

HUBS

Item	Part #	Description	Bolt Circle
Hubs and Drums			
24	9-545	10 x 2 1/4 Studded, 1/2-20	5 on 4.50
24	9-5475	10 x 2 1/4 Studded, 1/2-20	5 on 4.75
24	9-550	10 x 2 1/4 Studded, 1/2-20	5 on 5.00
24	9-555	10 x 2 1/4 Studded, 1/2-20	5 on 5.50
26	9-655	10 x 2 1/4 Studded, 1/2-20	6 on 5.50
Plain Hubs			
25	8-545	Idler Hub Studded	5 on 4.50
25	8-5475	Idler Hub Studded	5 on 4.75
25	8-550	Idler Hub Studded	5 on 5.00
25	8-555	Idler Hub Studded	5 on 5.50
27	8-655	Idler Hub Studded	6 on 5.50

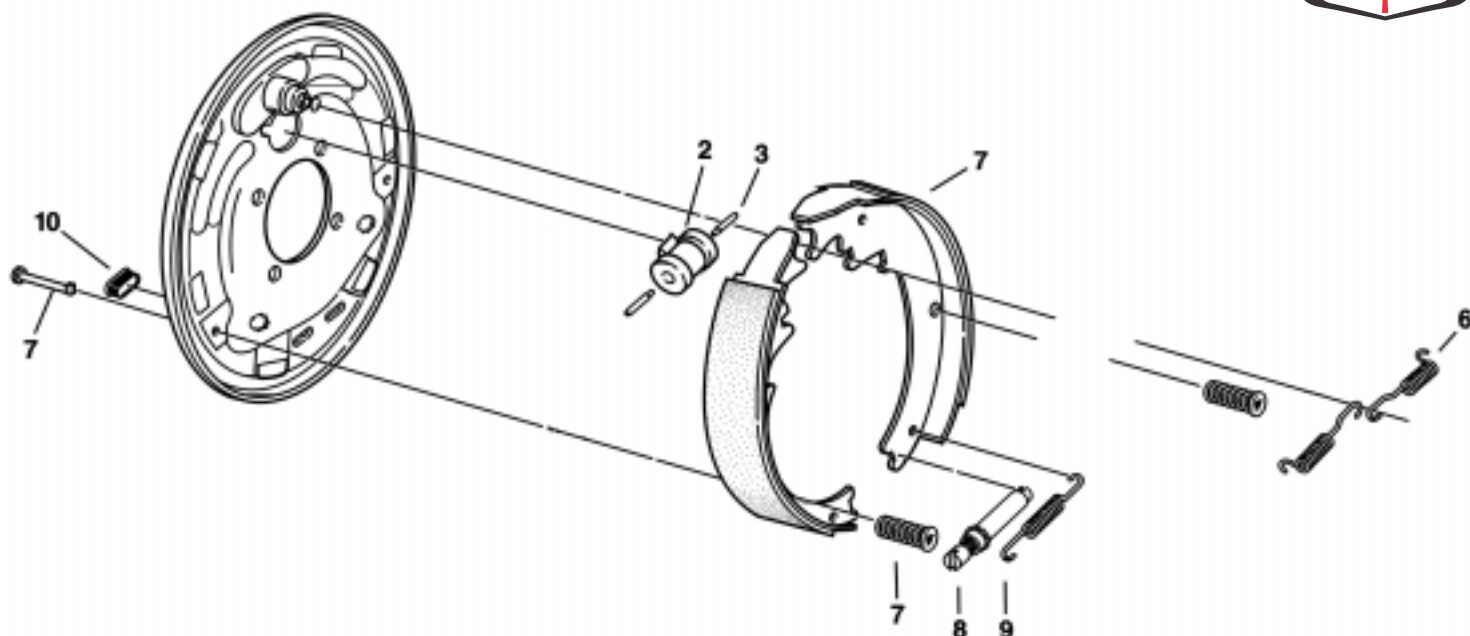
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10 x 2 1/4" ELECTRIC BRAKES



ELECTRIC BRAKES & COMPONENTS

Item	Part #	Qty/Brk	Description
	12-1013	1	LH Complete Brake Assembly
	12-1014	1	RH Complete Brake Assembly
1	36-19-1	1	Backing Plate Assembly
2	47-19	1	LH Actuating Lever Arm
2	47-20	1	RH Actuating Lever Arm
4	27-5	3	Wire Clip
5	71-363	2	Spring Kit
6	71-47	1	Shoe & Lining Kit containing:
		1	#040-017-00 Primary S&L
		1	#040-021-00 Secondary S&L
		2	#049-002-00 Shoe Hold Down Pin #8
		2	#046-077-00 Shoe Hold Down Spring
7 & 8	71-324	1	43-4 - Adjuster Assembly
		1	46-18 - Adjusting Screw Spring
9	71-104	1	Magnet Kit containing:
		1	#042-097-01 Magnet (green wire)
		1	#027-009-00 Magnet Clip
		1	#046-080-00 Magnet Spring
10	46-7	1	Plug
11	46-46	1	Wire Grommet



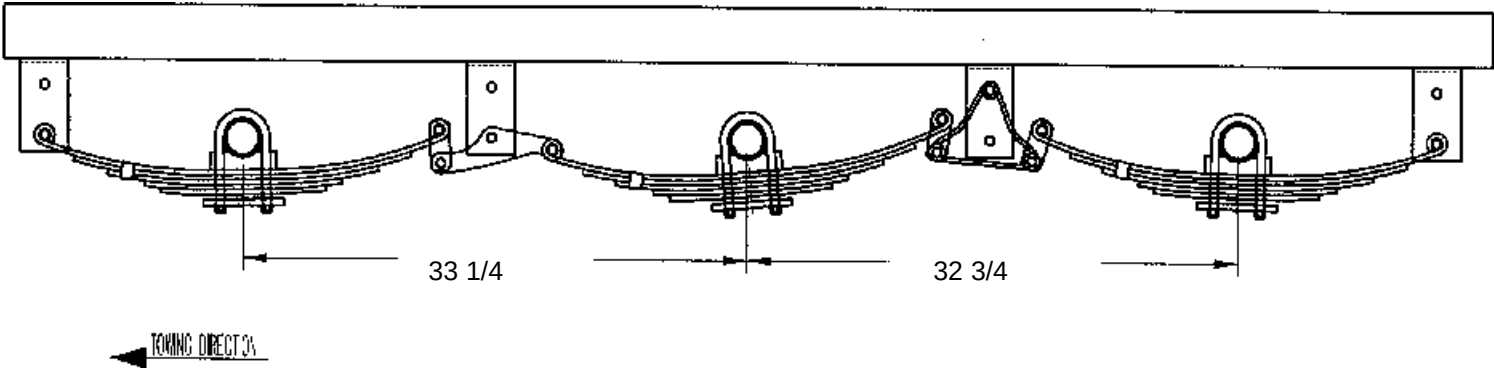
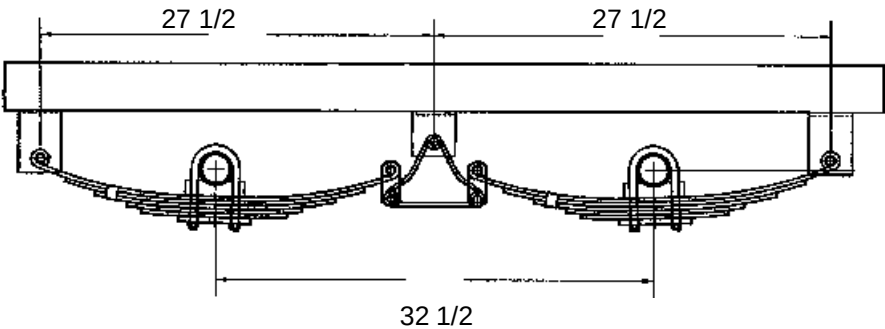
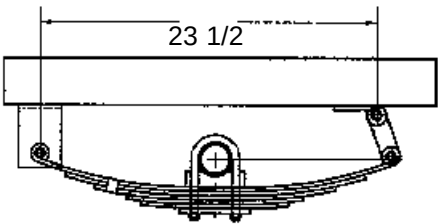
HYDRAULIC BRAKES & COMPONENTS

Item	Part #	Qty/Brake	Description
	13-1015	1	LH Brake Assembly Complete-Uni-Servo
	13-1016	1	RH Brake Assembly Complete-Uni-Servo
2	71-337	1	LH Brake Cylinder Uni-Servo
2	71-338	1	RH Brake Cylinder Uni-Servo
3	54-60	1 or 2	Push Rod (1 for Uni, 2 for Duo)
6	71-363	1	Spring Kit
7	71-267	1	Shoe & Lining Kit containing:
		1	#040-210-00 Primary Shoe & Lining
		1	#040-211 -00 Secondary Shoe & Lining
		2	#046-077-00 Shoe Hold Down Spring
		2	#049-002-00 Shoe Hold Down Pin #8
8 & 9	71-324	1	43-4 Adjuster Assembly
		1	46-18 Adjusting Screw Spring
10	46-7	1	Plug

LEAF SPRING APPLICATION INFORMATION



Double Eye Spring Suspension



DOUBLE EYE SPRINGS

Springs

Part #	Capacity/Spring
125-3	1050 lbs.
125-4	1350 lbs.
125-5	1750 lbs.

Single Hanger Kits

Part #	Description
540-2	Front Hanger
540-10	Rear Hanger Eye
545-3	Shackle Strap
801-1	9/16 Shackle Bolt
810-2	7/16 Flanged Lock Nut

Tandem Hanger Kit

Part #	Description
540-2	Front and Rear Hanger
540-14	Centre Hanger
543-0	Equalizer
545-2	Shackle Strap
801-1	9/16 Shackle Bolt
810-2	7/16 Flanged Lock Nut

Triple Hanger Kit

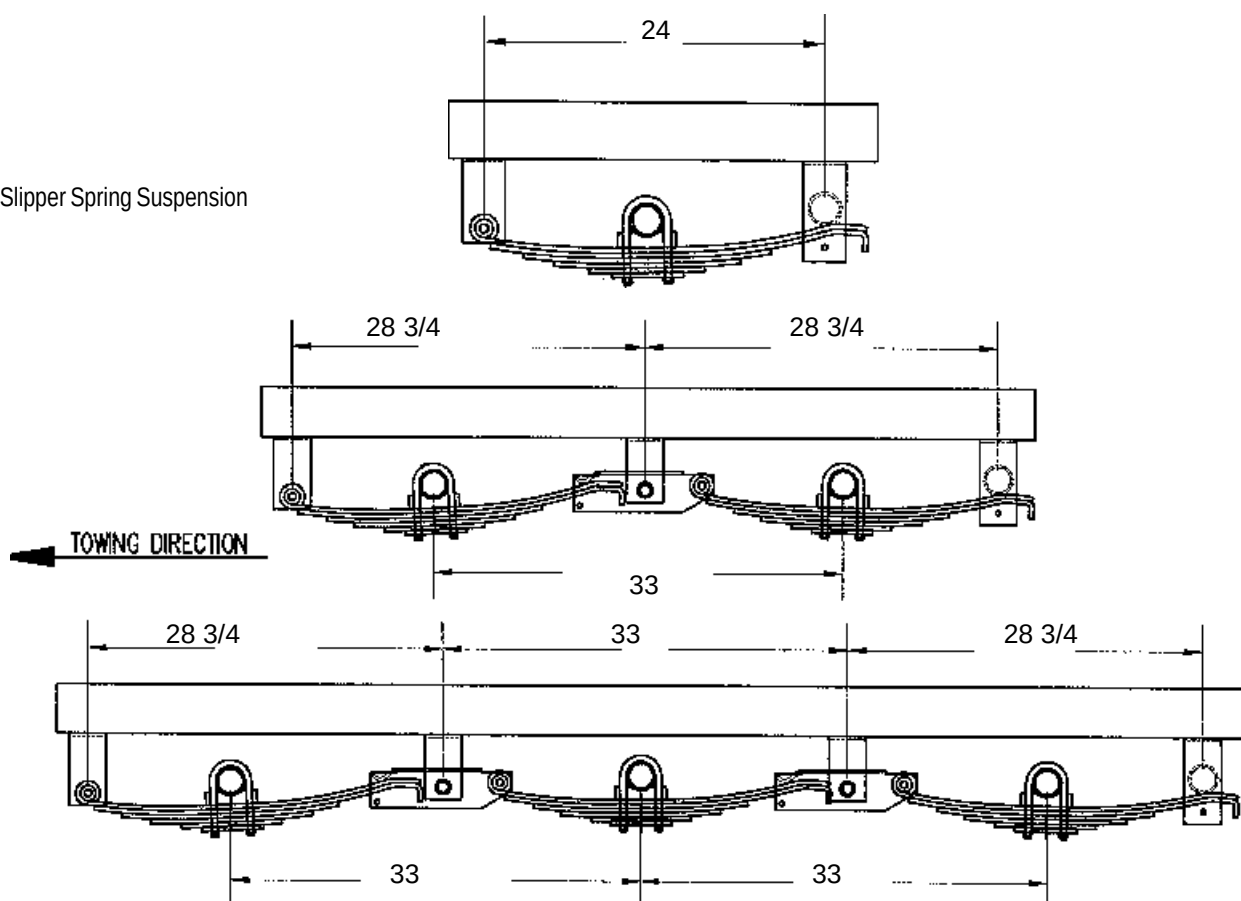
Part #	Description
540-16	All Hangers
542-1	Equalizer - Front
543-0	Equalizer - Rear
545-2	Shackle Strap
801-1	9/16 Shackle Bolt
810-2	7/16 Flanged Lock Nut

Some combinations of hangers and spring mounting may result in insufficient bump clearance.

LEAF SPRING APPLICATION INFORMATION



Slipper Spring Suspension



Some combinations of hangers and spring mounting may result in insufficient bump clearance.

SLIPPER SPRINGS

Spring

Part # Capacity/Spring

80-3T3 2000 lbs.

Single Hanger Kits

Part # Description

540-1 Front Hanger

540-3 Rear Hanger

801-2 5/8 x 3 1/2 Bolt - Spring Eye

820-5 5/8 Lock Nut

800-1 3/8 x 3 1/2 Bolt

820-1 3/8 Lock Nut

Tandem and Triple Hanger Kits

33" Axle Spread

Part # Description

540-1 Front Hanger

540-3 Rear Hanger

540-5 Centre Hanger

541-0 Equalizer

801-2 5/8 x 3 1/2 Bolt - Spring Eye

820-5 5/8 Lock Nut

Part #

Description

800-1

3/8 x 3 1/2 Bolt

820-1

3/8 Lock Nut

800-3

7/8 x 5 Bolt - Equalizer

820-6

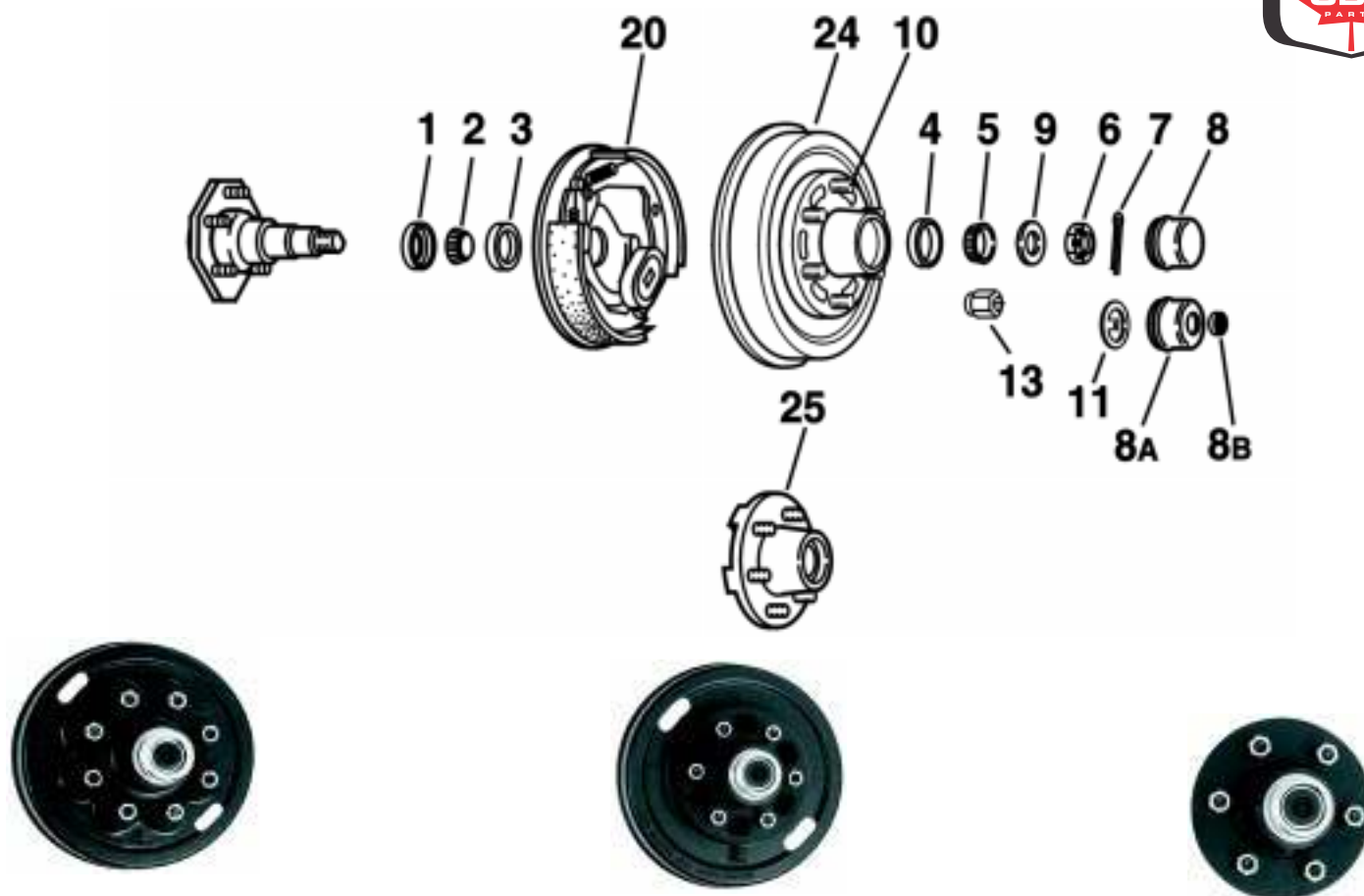
7/8 Lock Nut

WHEELS

Part #	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type
14-1345-5	13 x 4 1/2JJ	5 on 4.50	2.62	.50 In	1360@50	Conventional
15-1345-5-1	13 x 4 1/2JJ	5 on 4.50	3.19	0	1360@50	Eight Spoke
14-1455-5	14 x 5 1/2JJ	5 on 4.50	2.62	.50 In	1870@50	Conventional
15-1455-5-1	14 x 5 1/2JJ	5 on 4.50	3.19	0	1870@50	Eight Spoke
14-156-5	15 x 6JJ	5 on 4.50	2.62	.50 In	1770@75	Conventional
15-156-5-1	15 x 6JJ	5 on 4.50	3.19	0	2050@75	Eight Spoke
16-156-6-1	15 x 6JJ	5 on 4.50	3.19	0	2050@75	Mini-Mod
14-156-6	15 x 6JJ	6 on 5.50	3.65	0	2600@75	Conventional
15-156-6-1	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Eight Spoke
16-156-6-1	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Mini-Mod



6,000 LB CAPACITY
S-60 - 655 AND 865 HUB GROUP



STANDARD GREASE LUBE PARTS

Item	Part #	Description
	604	Bearing Kit - 6 Stud - 1 Hub
	605	Bearing Kit - 8 Stud - 1 Hub
1	SE-18EZ	2.125" Grease Seal
2	25580	Inner Bearing Cone
3	25520	Inner Bearing Cup
4	15245	6-Stud Outer Bearing Cup
5	15123	6-Stud Outer Bearing Cone
n/s	14276	8-Stud Outer Bearing Cup
n/s	14125A	8-Stud Outer Bearing Cone
6	821-3	Spindle Nut
7	880-2	Cotter Pin (not used w/E-Z Lube)
8	DC-13	Grease Cap - 6 Bolt
8A	DC-13A	Grease Cap for E-Z Lube - 6 Bolt
n/s	1605	Grease Cap - 8 Bolt
n/s	1605EZ	Grease Cap - E-Z Lube-8 bolt
8B	85-1	Rubber Plug for E-Z Lube
9	841-1	Spindle Washer
10	WS-112	Wheel Stud 1/2
11	841-5	Tang Washer for E-Z Lube Hubs
10	WS-122	Wheel Stud 9/16

12 X 2 BRAKES

Item	Part #	Description
20	12-1217	LH Electric
20	12-1218	RH Electric
ns	13-1221	LH Hyd. Uni-servo
ns	13-1222	RH Hyd. Uni-servo
ns	13-1223	LH Hyd. Duo-servo
ns	13-1224	RH Hyd. Duo-servo

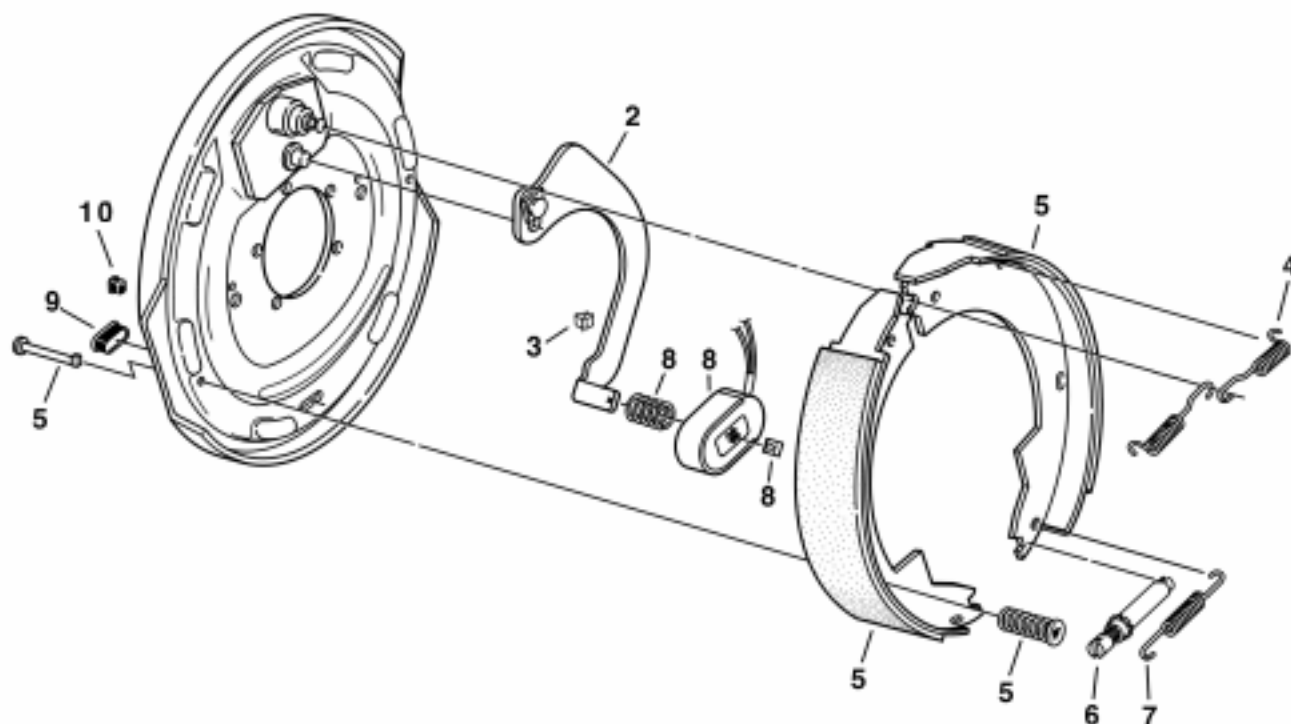
HUBS

Item	Part #	Description	Bolt Circle
24	9-136	Grease Hub & Drum	6 on 5.50
25	8-136	Grease Plain Hub	6 on 5.50
25	9-138	Grease Hub & Drum w 1/2" stud	8 on 6.50
25	9-138-916	Hub & Drum w 9/16" stud	8 on 6.50

WHEEL NUTS

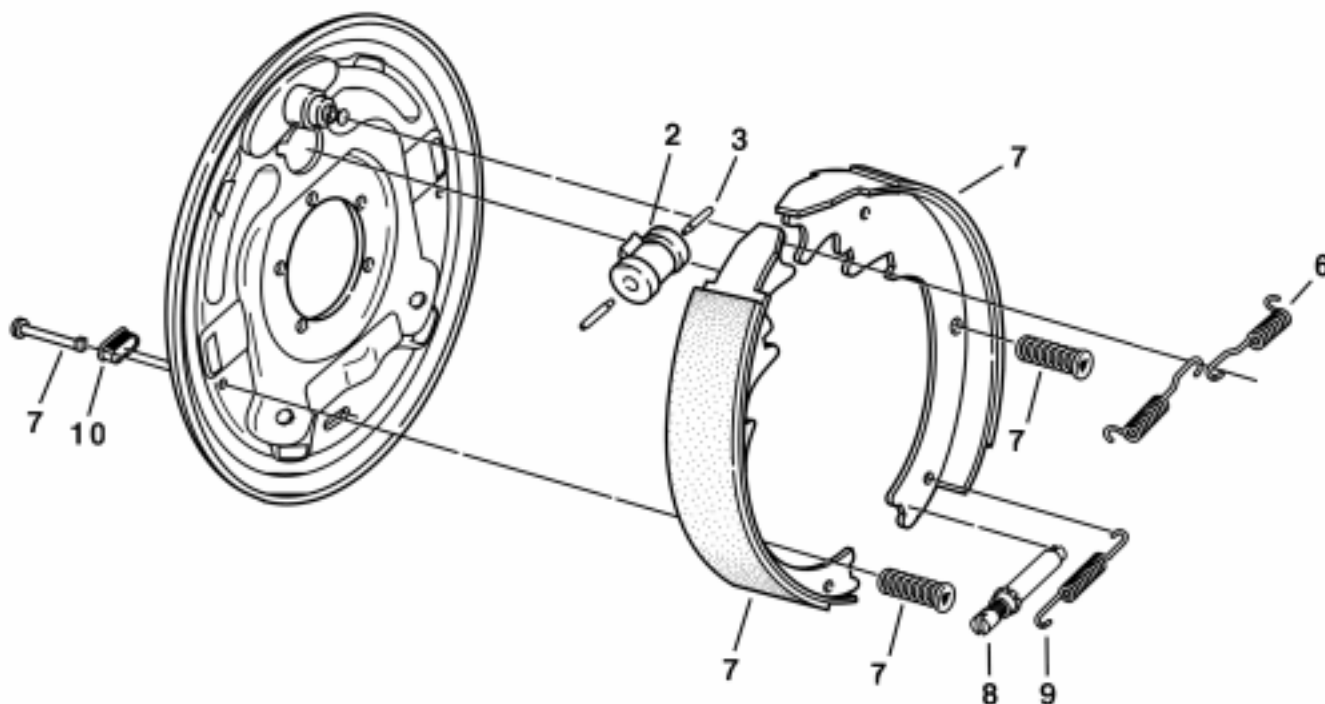
Item	Part #	Description
13	WN-2	1/2-20 Wheel Nut
13	WN-6	9/16 Wheel Nut

n/s-not shown



DXQ ELECTRIC BRAKES & COMPONENTS

Item	Part #	Qty/Brk	Description
	12-1217	1	LH Complete Brake Assembly
	12-1218	1	RH Complete Brake Assembly
2	47-107	1	LH Actuating Lever Arm Assembly
2	47-108	1	RH Actuating Lever Arm Assembly
3	27-5	2	Wire Clip
4	71-363	2	Spring Kit
5	71-48	1	Shoe and Lining Kit containing:
		1	#040-044-00 Primary S&L
		1	#040-045-00 Secondary S&L
		2	#049-011 -00 Shoe Hold Down Pin #2
		2	#046-077-00 Shoe Hold Down Spring
6 & 7	71-324	1	Adjuster Assembly
		1	Adjusting Screw Spring
8	71-105	1	Magnet Kit containing:
		1	#042-099-01 Magnet (white wire)
		1	#027-009-00 Magnet Clip
		1	#046-080-00 Magnet Spring
9	46-7	1	Plug
10	46-16	1	Wire Grommet



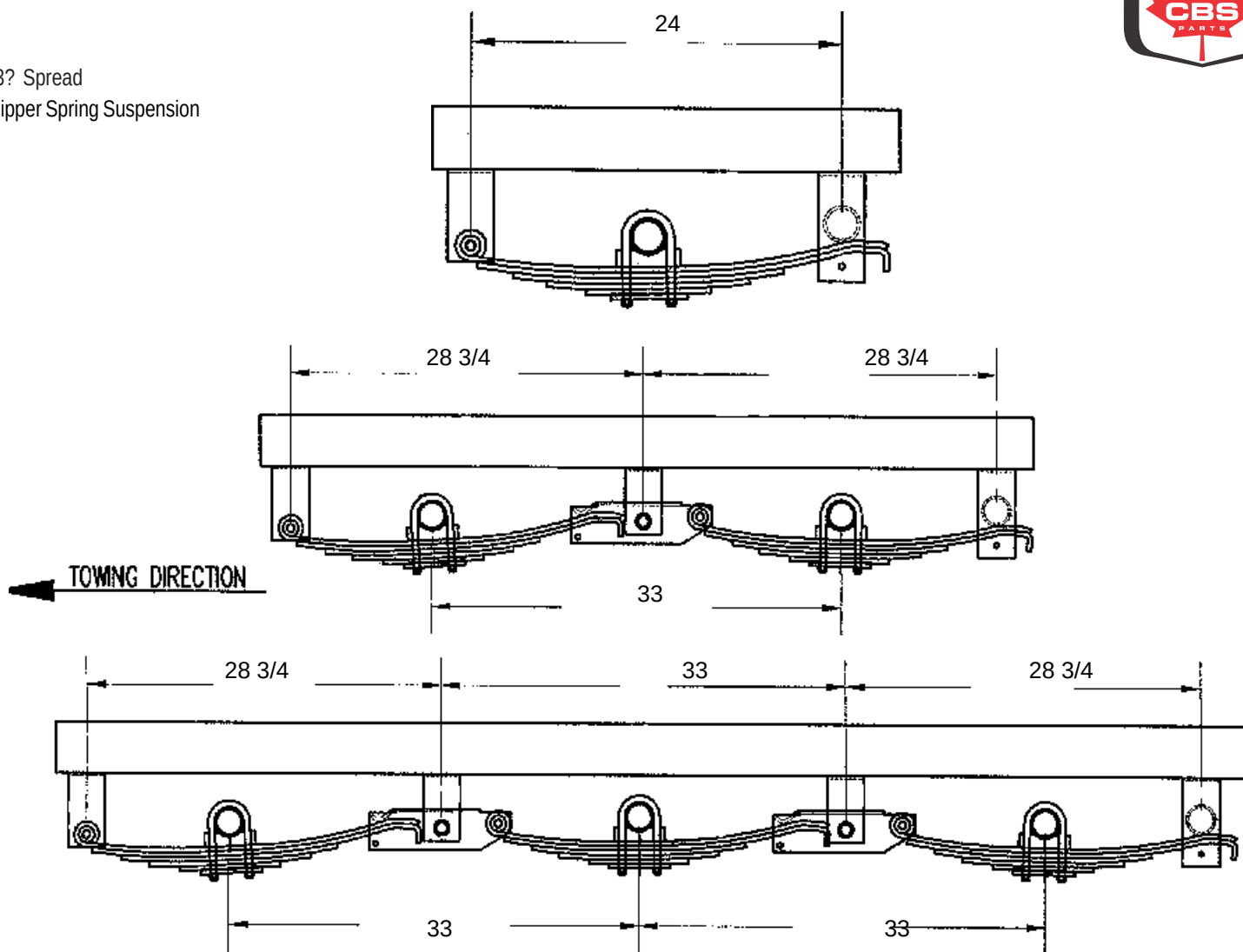
HYDRAULIC BRAKES & COMPONENTS

Item	Part #	Qty/Brk	Description
	13-1221	1	LH Brake Assembly Complete-Uni-Servo
	13-1222	1	RH Brake Assembly Complete-Uni-Servo
	13-1223	1	LH Brake Assembly Complete-Duo-Servo
	13-1224	1	RH Brake Assembly Complete-Duo-Servo
2	71-337	1	LH Brake Cylinder Uni-Servo
2	71-338	1	RH Brake Cylinder Uni-Servo
2	71-339	1	LH Brake Cylinder Duo-Servo
2	71-340	1	RH Brake Cylinder Duo-Servo
3	54-60	1 or 2	Push Rod
6	46-101	2	Retractor Spring
7	71-268	1	Shoe and Lining Kit containing:
		1	#040-204-00 Primary S&L
		1	#040-206-00 Secondary S&L
		2	#046-077-00 Shoe Hold Down Spring
		2	#049-012-00 Shoe Hold Down Pin #4
8 & 9	71-396	1	Adjuster Assembly
		1	Adjusting Screw Spring
10	46-7	1	Plug

LEAF SPRING APPLICATION INFORMATION



33" Spread
Slipper Spring Suspension



SLIPPER SPRINGS

Spring

Part #	Capacity/Spring
120-3T3	3000 lbs.
140-3T3	3500 lbs.

Single Hanger Kits

Part #	Description
540-1	Front Hanger
540-3	Rear Hanger
801-2	5/8 x 3 1/2 Bolt - Spring Eye
820-5	5/8 Lock Nut
800-1	3/8 x 3 1/2 Bolt
820-1	3/8 Lock Nut

Tandem and Triple Hanger Kits

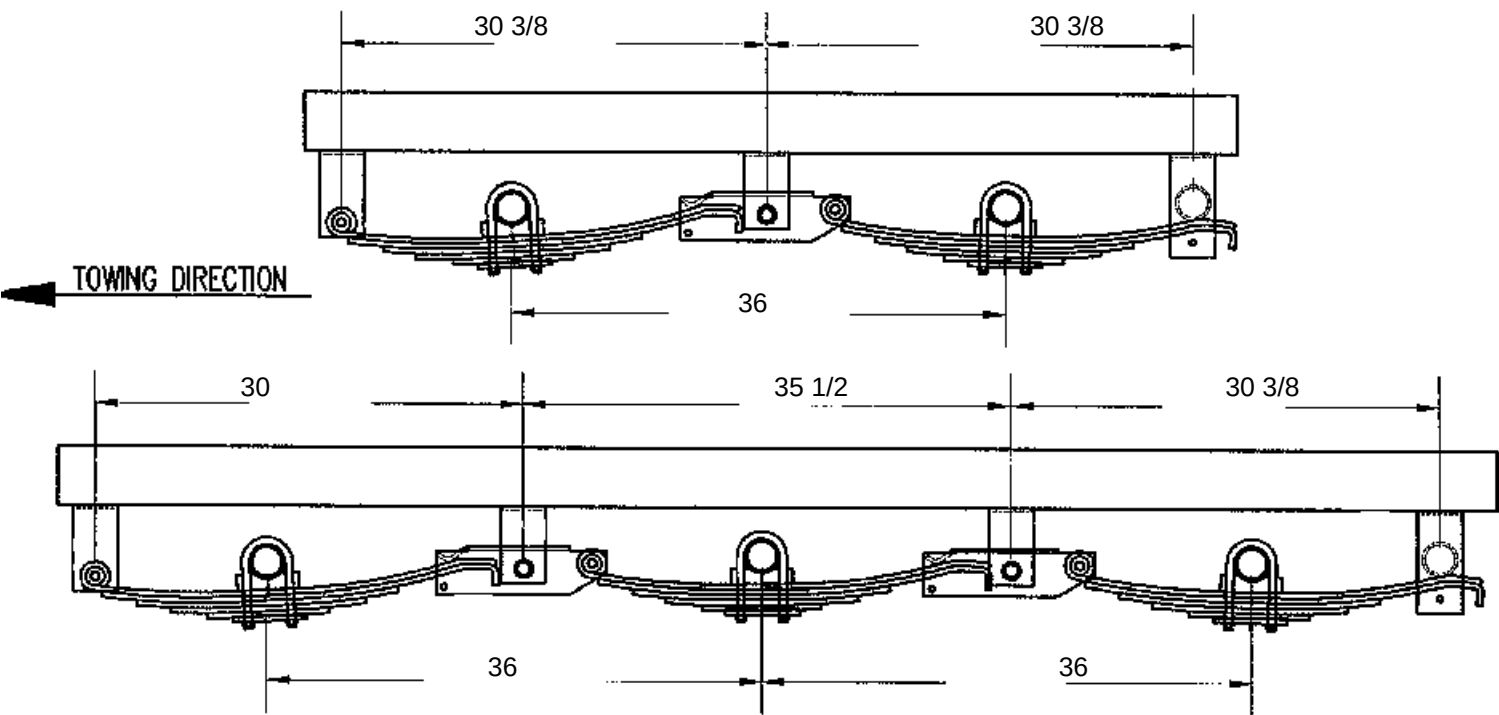
Part #	Description
540-1	Front Hanger
540-3	Rear Hanger
540-5	Centre Hanger
541-0	Equalizer
801-2	5/8 x 3 1/2 Bolt - Spring Eye
820-5	5/8 Lock Nut
800-1	3/8 x 3 1/2 Bolt
820-1	3/8 Lock Nut
800-3	7/8 x 5 Bolt - Equalizer
820-6	7/8 Lock Nut

Some combinations of hangers and spring mounting may result in insufficient bump clearance.

LEAF SPRING APPLICATION INFORMATION



36" Spread Slipper Spring Suspension



SLIPPER SPRINGS

Tandem and Triple Hanger Kits
36" Axle Spread

Part #	Description	Part #	Description
540-1	Front Hanger	801-2	5/8 x 3 1/2 Bolt - Spring Eye
540-3	Rear Hanger	820-5	5/8 Lock Nut
540-5	Centre Hanger	800-1	3/8 x 3 1/2 Bolt
541-0	Equalizer	820-1	3/8 Lock Nut
		800-3	7/8 x 5 Bolt - Equalizer
		820-6	7/8 Lock Nut

Some combinations of hangers and spring mounting may result in insufficient bump clearance.

WHEELS

Part #	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type
14-156-6	15 x 6JJ	6 on 5.50	3.65	0	2600@75	Conventional
15-156-6	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Eight Spoke
16-156-6	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Mini-Mod
15-166-6-1	16 x 6K	6 on 5.50	3.65	0	3040@80	Eight Spoke
16-166-6-1	16 x 6K	6 on 5.50	4.27	0	3040@80	Mini-Mod
14-166-8	16 x 6K	8 on 6.50	4.89	.50 In	3500@80	Conventional
15-166-8-1	16 x 6K	8 on 6.50	4.90	0	3315@80	Eight Spoke
16-166-8-1	16 x 6K	8 on 6.50	4.90	.50 In	3315@80	Mini-Mod

