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SK6, SK7, B6DOW, B9DOW Tag Trailers



PARTS AND SERVICE MANUAL 2022 Edition

PARTS
800-338-7088

General Engines Co., Inc.
548 Swedesboro Ave.
Mickleton, NJ 08056

SALES
800-257-8163



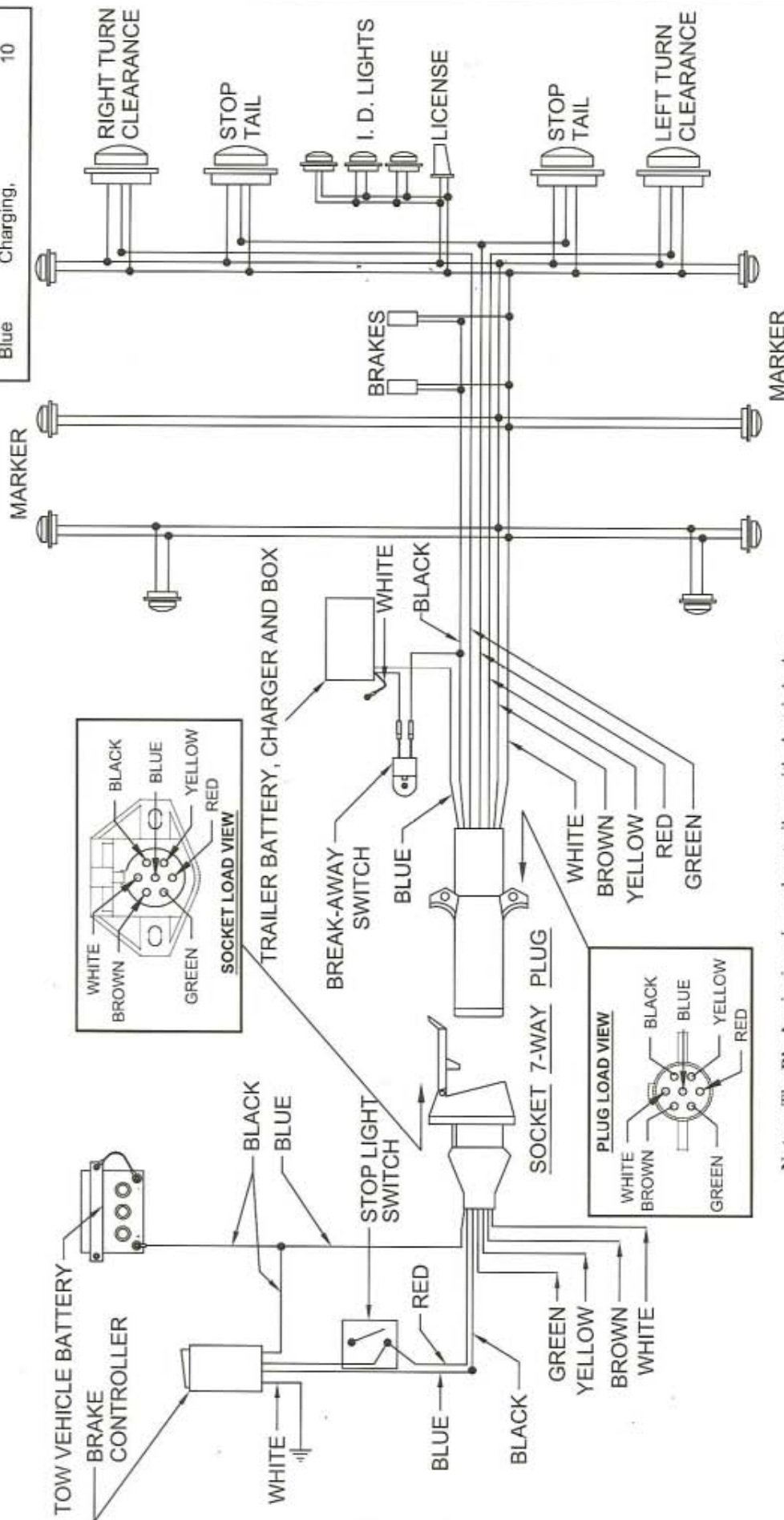
Parts & Service Manual

SK6, SK7 and B6DOW, B9DOW

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Electrical Wiring Schematic for Tow Behind Trailers with Electric Brakes

Color	Function	Gauge
White	Ground	8
Green	Right Turn	14
Yellow	Left Turn	14
Brown	Tail Lights	14
Red	Stop, ABS	10
Black	Electric Brake Power	10
Blue	Charging,	10



Notes: The **Black** wire is *only* used on trailers with electric brakes.

For both air and electric brake trailers, the **BLUE** wire goes to the battery but keyed through the ignition switch and fused (50 amp)

For both air and electric brake trailers, the **RED** wire goes to the stop light switch.

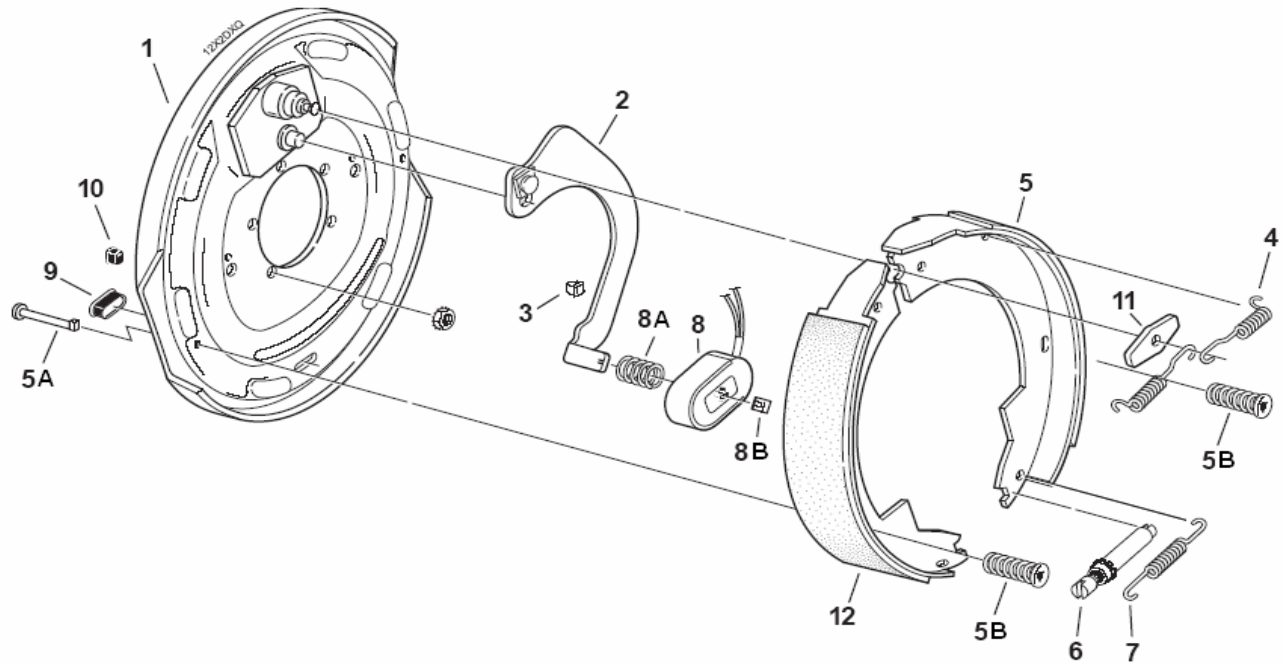
TL-6 trailers do **NOT** use the **RED** stop light circuit wire. The stop light function comes through the Green and Yellow turn signal wires

CAUTION!

Trailers built between October 1, 1993 and February 28, 1998 have the **BLUE** and the **BLACK** function are reversed. **BLUE** for brakes and **BLACK** for charging.

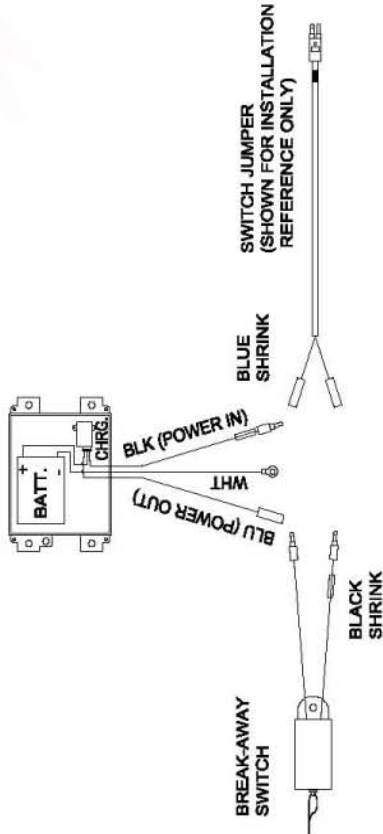
Eager Beaver Trailers

DOW, B6-B9DOW, AP10, AP10L, and SK Electric Brake Components



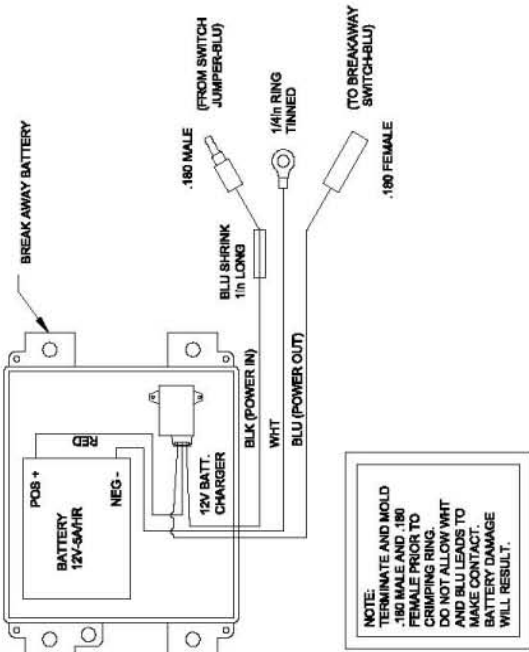
Item Description	Part #
1 Backing Plate (Comes with complete Assembly)	none
2 Adjuster Lever LH	2054838
2 Adjuster Lever RH	2054839
3 Wire Clip	2054846
4 Shoe Retractor Spring (two per wheel)	2054857
5A Pin - Brake Shoe Hold Down	2059001
5B Spring - Brake Shoe Hold Down	2059000
6 Adjuster Screw	2054848
7 Adjuster Spring	2054621
8 Magnet Kit (includes Clip & Spring)	2054840
8A Magnet Clip (comes with Item 8)	2054849
8B Magnet Spring (comes with Item 8)	2059415
9 Rubber Plug	2054842
10 Wire Grommet	2054843
11 Anchor Post Washer	2059457
12 Shoe & Lining Kit (one per wheel)	2054610
Complete Brake Assy LH	2054835
Complete Brake Assy RH	2054836

Battery Box Assembly



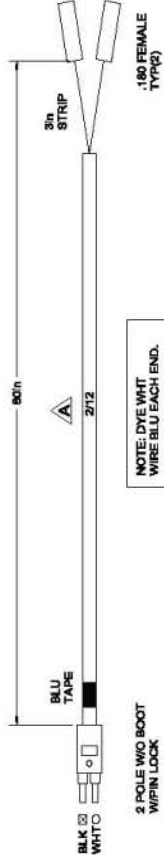
Part Number	Description
2060962	Complete Dry Cell Break Away Kit w/ Battery, Battery Box, & Charger
2060882	Replacement Dry Cell Battery
2054748	Replacement Break Away Switch (BAS)
2054782	Replacement BAS Pull Pin for use with 2054748 only

Break Away Wiring Schematic



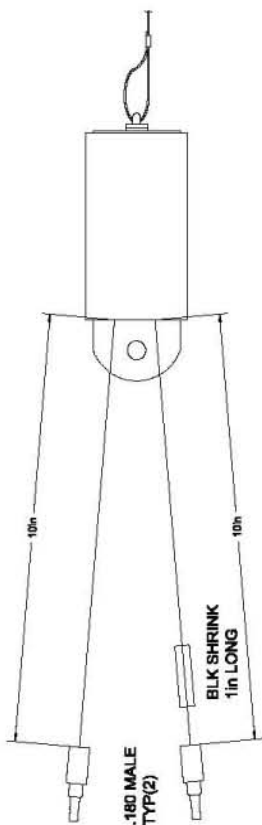
NOTE: TERMINATE AND MOLD .180 MALE AND .180 FEMALE PRIOR TO CRIMPING RING. DO NOT ALLOW WHT AND BLU LEADS TO MAKE CONTACT. BATTERY DAMAGE WILL RESULT.

△ Cable: 2/12 BLK/WHT



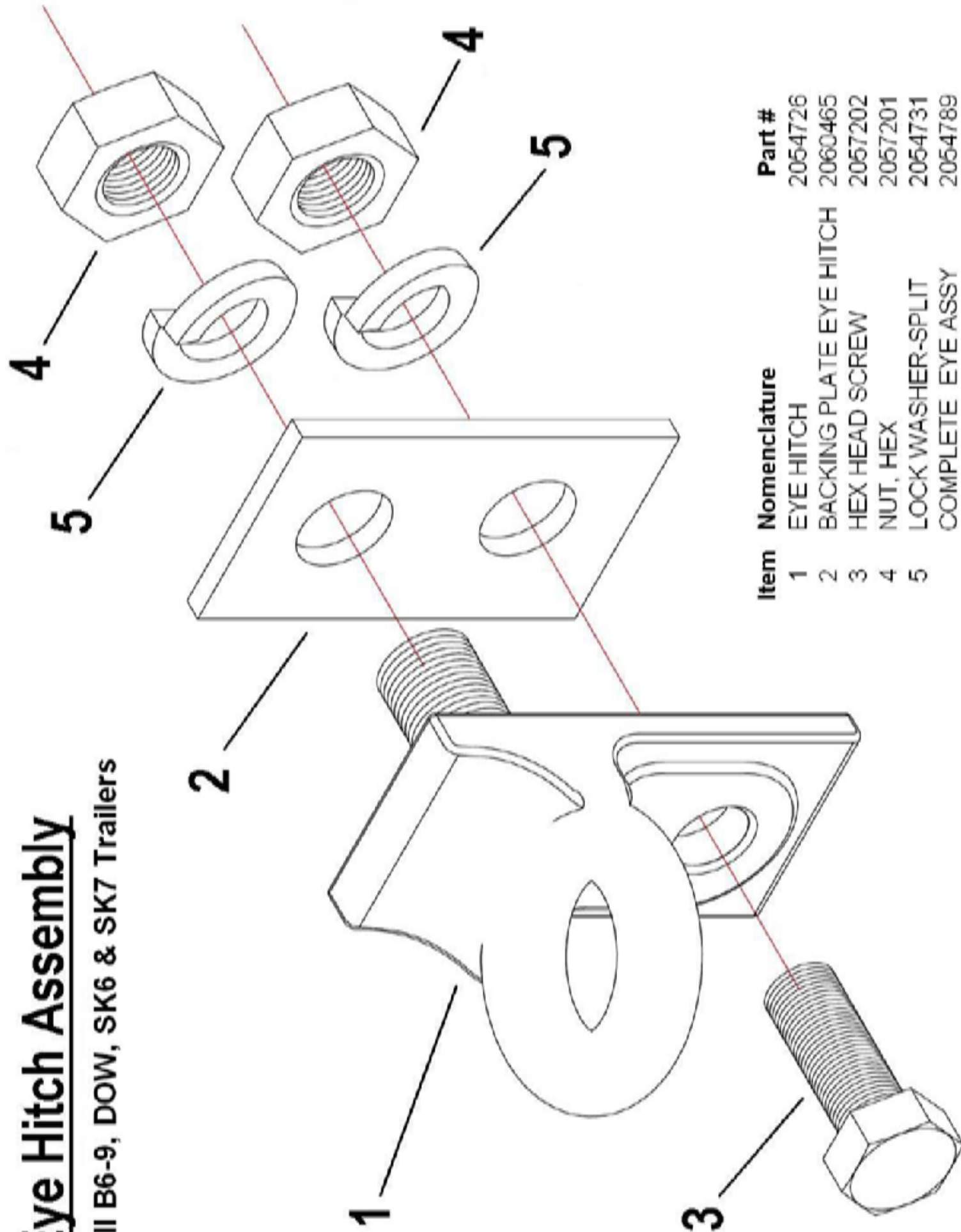
NOTE: DYE WHT WIRE BLU EACH END.

Break Away Switch



Eye Hitch Assembly

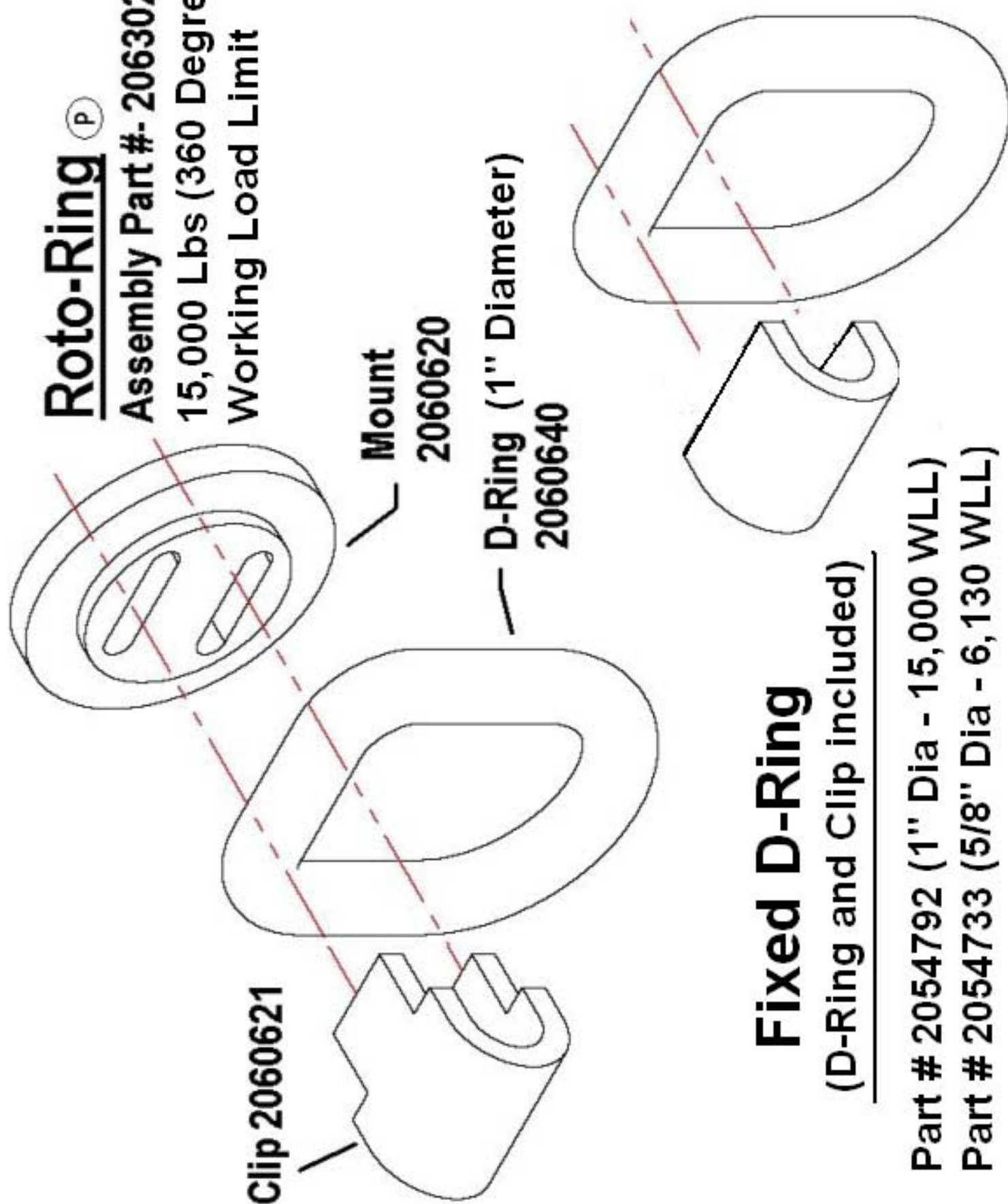
All B6-9, DOW, SK6 & SK7 Trailers



Item	Nomenclature	Part #
1	EYE HITCH	2054726
2	BACKING PLATE EYE HITCH	2060465
3	HEX HEAD SCREW	2057202
4	NUT, HEX	2057201
5	LOCK WASHER-SPLIT	2054731
	COMPLETE EYE ASSY	2054789

Roto-Ring ^P

Assembly Part #- 2063020
15,000 Lbs (360 Degree)
Working Load Limit



Fixed D-Ring

(D-Ring and Clip included)

Part # 2054792 (1" Dia - 15,000 WLL)

Part # 2054733 (5/8" Dia - 6,130 WLL)

Eager Beaver Trailers Model SK & B6-B9DOW

Miscellaneous Parts & Paint Code List

PART NO.	DESCRIPTION
2054869	Deck Washer
2059133	Hex Head Bolt, Deck Washer, 3/8 x 2 1/2
2059134	Nut, Deck Washer, 3/8-16
2054732	Safety Chain, 3/8" x 41", with Clevis Hook
2059366	Weld-on Anchor, Safety Chain, 1/2" x 8"
2061063	Clevis Hook, 3/8", Spring Loaded
2062129	Oblong Reflector - Amber
2062130	Oblong Reflector - Red
2060659	Truck Wiring Harness
2059270	Electric Brake Controller, Two - Eight Brakes
2060735	Eager Beaver Trailers Mud Flap - White 24" x 18"
2063022	Weld-on Spare Tire Carrier for 16 or 16.5" Budd

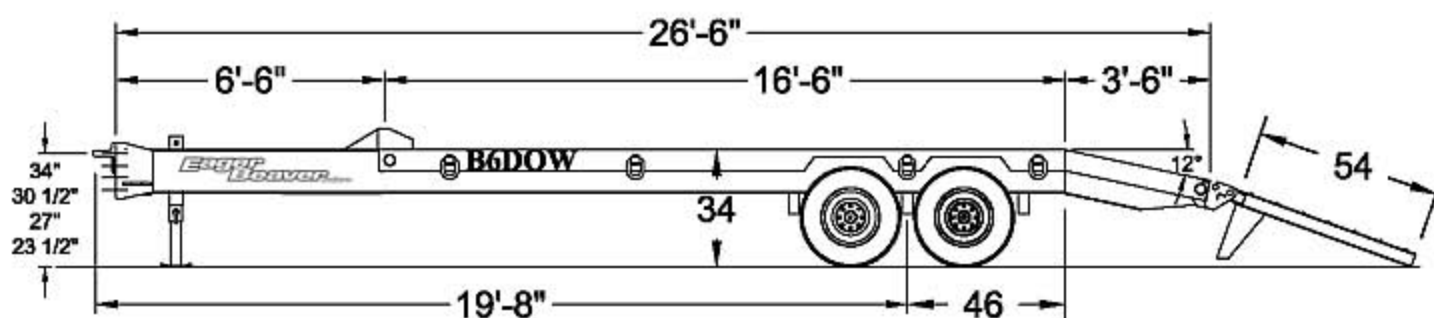
Eager Beaver	Manufactured After 8/6/10	MFG between 9/22/06 and 8/6/10
Standard Colors	Dupont Imron	PPG Color Code
Yellow	H7947	FP827
Red	77968	FP703
Black	1640	FP901
Blue	3759	*
White	1632	FP951

* Custom Mixed Color, No Code Assigned

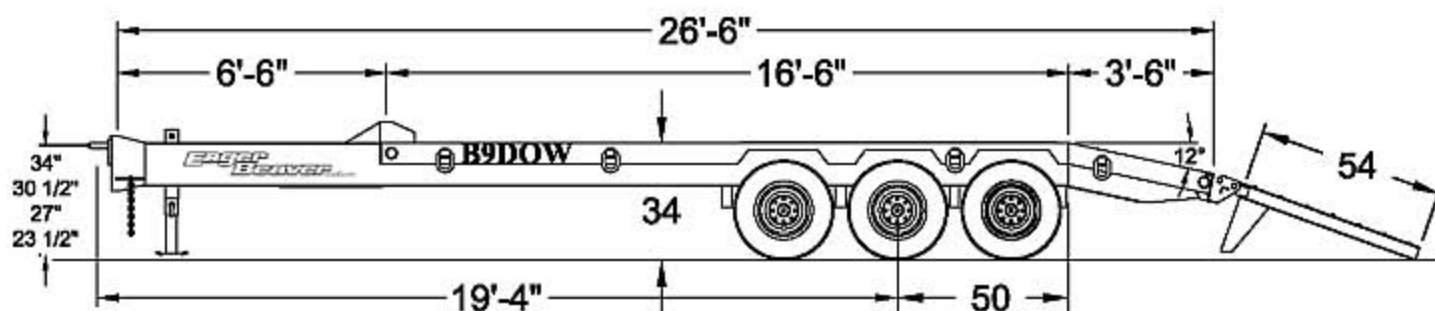
Model B6DOW and B9DOW

Parts Section

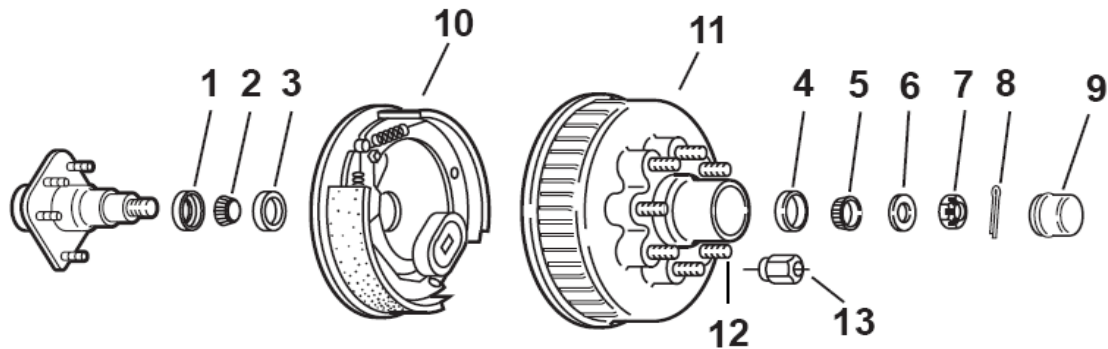
Model: B6DOW



Model: B9DOW



**Eager Beaver Trailers
B6-B9DOW and AP10L Hub & Drum**

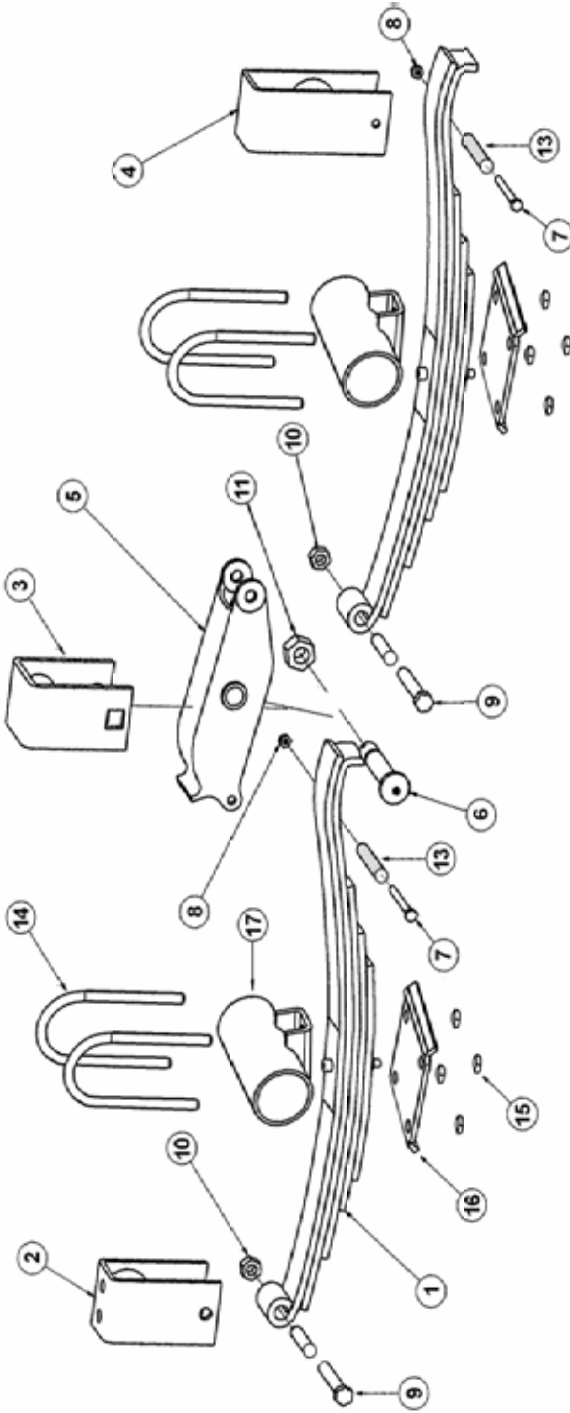


Item	Description	Part #
	Complete Torflex Axle (AP10L) (93" HF)	2056075
	Bare Beam Torflex Axle (AP10L)	Special Order
	Complete Axle (B6-B9DOW)	2057101
	Bare Beam (B6-B9DOW)	2057110
1	Seal, 2.225" ID	2059369
2	Inner Bearing	2054855
3	Inner Race	2054856
4	Outer Race	2057103
5	Outer Bearing	2057104
6	Spindle Washer	2054604
7	Spindle Nut	2054605
8	Cotter Pin	2059019
9	Grease Cap	2057105
10	Complete Brake Assy LH	2054835
10	Complete Brake Assy RH	2054836
11	Drum with 9/16" Studs (AP10L)	2062267
11	Drum with 1/2" Studs (B6-B9DOW)	2057102
12	Stud - 9/16" (AP10L)	2062028
12	Stud - 1/2" (B6-B9DOW)	2057644
13	Nut - 9/16" - 18, 60° Cone (AP10L)	2062027
13	Nut - 1/2" - 20, 60° Cone (B6-B9DOW)	2057109
	Rim 16.5 X 6.75 (B6-B9DOW*)	2057106
	Rim 16.0 X 6.00 (AP10L, B6-B9DOW*)	2060499

- * Prior to 1998: 16.5" rims with 9.50-16.5 Tires
- * 1998 - Feb 2008: 16" rims with 235/85R16 Tires
- * Mar 2008 onward: 16" rims with 235/80R16 Tires

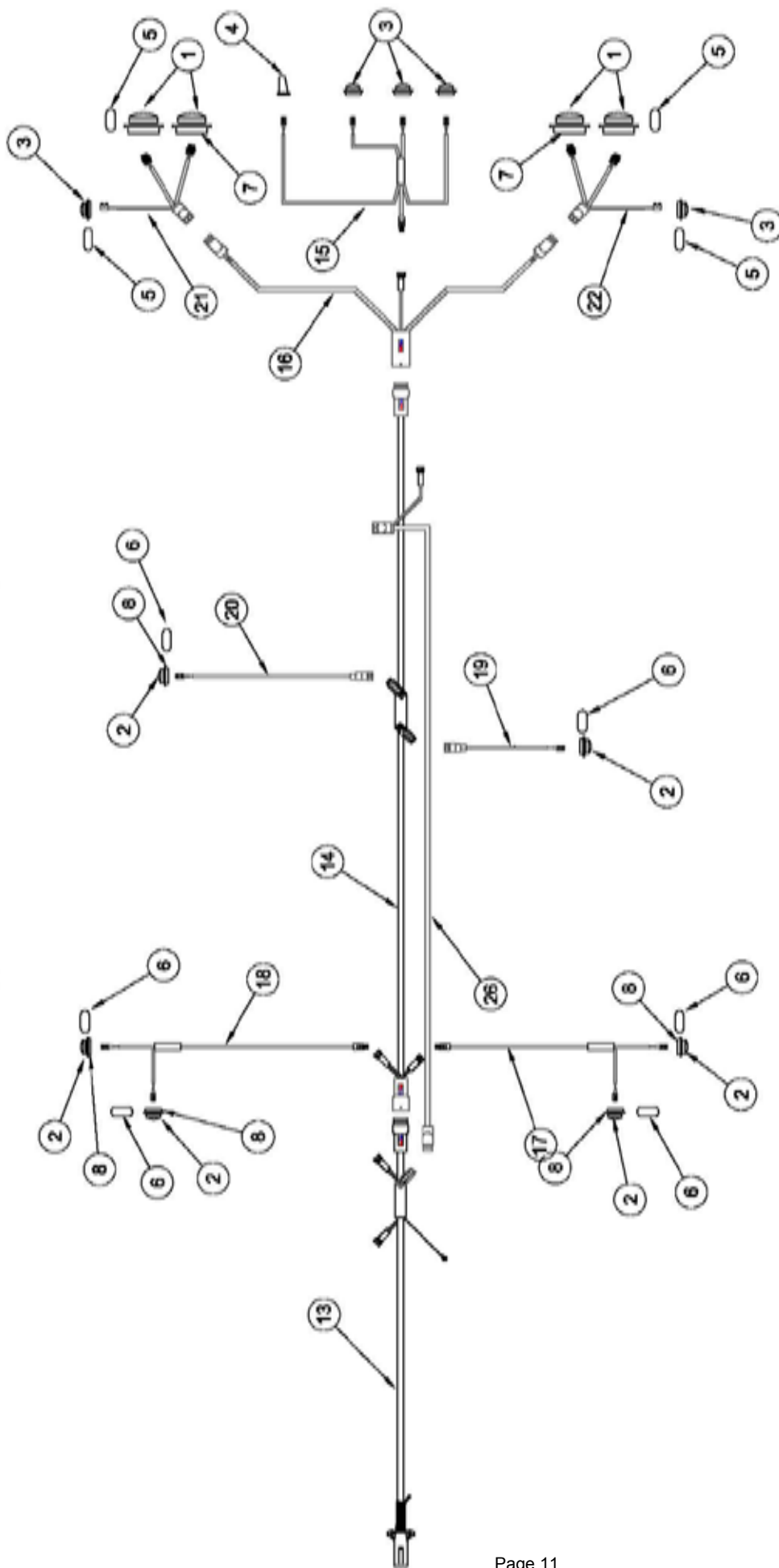
Eager Beaver Trailers

Model B6 and B9 DOW Suspension

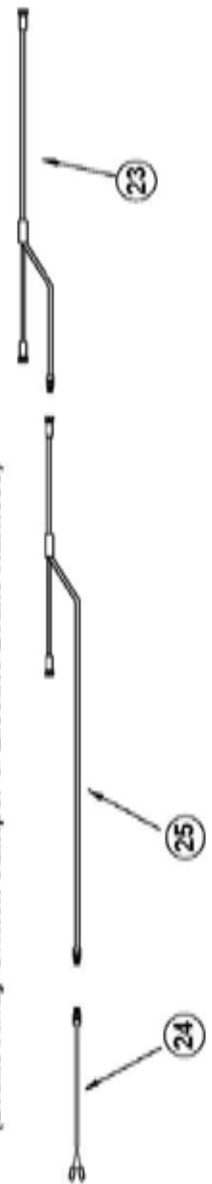


Item	Description	Part #
1	DX, SPRING, SLIPPER, 6K,	2054712
2	DX, HANGER, FRONT , 5" HIGH, 2" SPRING	2054860
3	DX, HANGER, CENTER-EQUALIZER, 5-1/2"HIGH, 2" SPRING	2054861
4	DX, HANGER, REAR, 8.38" HIGH, 2" SPRING	2054863
5	DX, EQUALIZER, 3.5K-8K AXLE, 2"SPRING	2054715
6	DX, BOLT,CARRIAGE, 7/8-9 X 4-5/8 W/ GREASE FITTING (EQUALIZER)	2054722
7	DX, BOLT,HEX HEAD, 5/16-18 X 3-1/4",GRADE 2	2059360
8	DX, NUT, HEX LOCK, 5/16-18	2059359
9	DX, BOLT,SPRING EYE, 9/16-18 X 3-1/2",GR 5	2054720
10	DX, NUT, SPRING EYE, 9/16-18	2059028
11	DX, NUT,HEX,LOCK, 7/8-9,GRADE B	2059245
12	DX, BUSHING, SPRING EYE, 0.51"ID X 0.67"OD X 1.95" LONG	2057629
13	DX, SPACER, 0.57"ID X 1.31"OD X 2.2" LONG - SLIPPER END	2054719
14	DX, U-BOLT, 3"DIA TUBE, 1/2-20 X 6.63" LONG	2054717
15	DX, U-BOLT, NUT	2059054
16	DX, TIE PLATE, 3"TUBE, 2"SPRING, 1/2"DIA. U-BOLT T	2054721
17A	DX, 6K AXLE COMPLETE W 865 HUB,STRT,ELEC., 86.00" TRACK, 70"SC	2057101
17B	DX, 6K AXLE BEAM ONLY,STRAIGHT, 86.00"TRACK, 70.00"SC	2057110

Eager Beaver B6DOW & B9DOW Electrical System
with "LED" Lights and USA Harness "PLUS" System Harness



6 - 15 Ton Electric Brake Add-On Harness
(Brake Away Switch Jumper & Electric Brake Harness)



PLUS HARNESS AND LED LIGHTS PARTS LIST

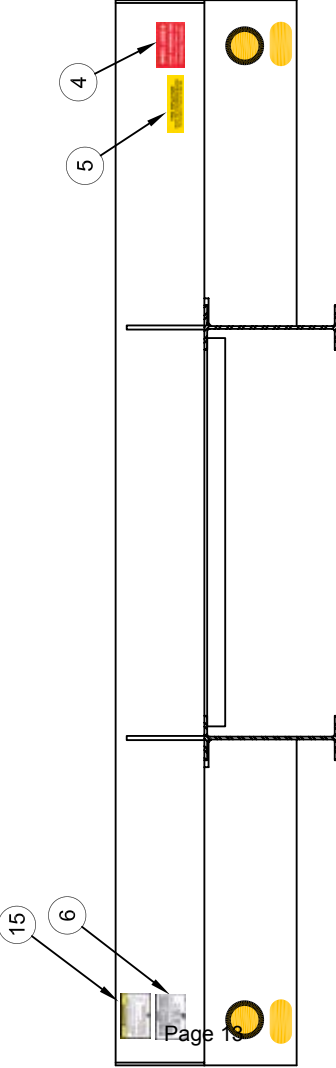
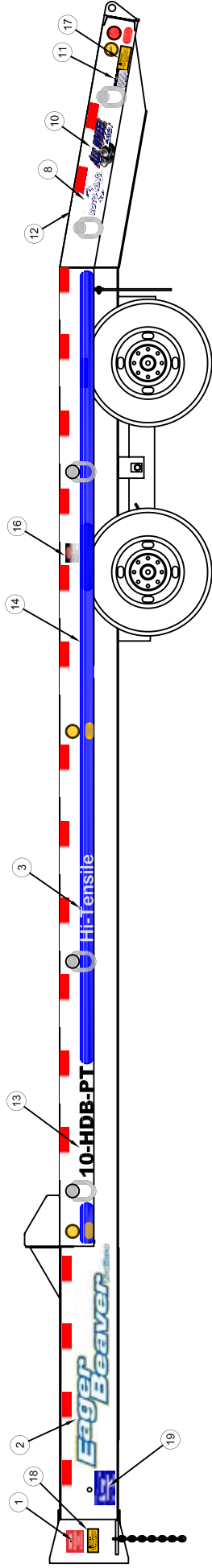
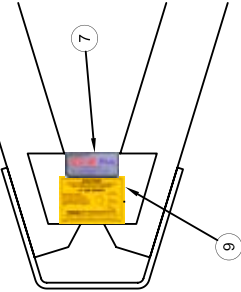
Item	Part no	Qty	Description
1	2062094	4	S/T/T "LED" LIGHT
2	2062095	6	2.5" AMBER LED MARKER LIGHT
3	2062093	5	2.5" RED LED MARKER LIGHT
4	2057075	1	LICENSE PLATE LIGHT (One Piece design)
	2057022	1	LICENSE LIGHT HOUSING (2 Piece design)
	2057074	1	LIGHT (for 2 Piece Housing Only)
5	2062130	2	OBLONG RED REFLECTOR
6	2062129	6	OBLONG AMBER REFLECTOR
7	2057067	4	GROMMET, BLACK S/T/T 4"
8	2057069	12	GROMMET, MARKER 2.5"
9-12			not used
13	2062107	1	TAG NOSE END,12'
14	2062108	1	TAG 10-15 MAIN, 26' PLUS
15	2062193	1	TAILBOARD I.D., PLUS LED
16	2062061	1	TAILBOARD CENTER,ALL PLUS
17	2062194	1	FRONT MARKER, 2-LT, 39" PLUS LED
18	2062195	1	FRONT MARKER, 2-LT, 81" PLUS LED
19	2062196	1	CNTR MARKER,4-POLE, 51" PLUS LED
20	2062197	1	CNTR MARKER,4-POLE, 87" PLUS LED
21	2062198	1	C/S "LED"PGTL,TAG, 14" PLUS LED
22	2062199	1	S/S "LED"PGTL,TAG, 14" PLUS LED
23	2062025	1	3RD AXLE CROSS-OVER B9DOW ONLY
24	2062043	1	BREAK AWAY SWITCH JUMPER
25	2062042	1	BRAKE HARNESS, HDB, 19'
26			Not used on Electric Brake Trailers
27			Not used on Electric Brake Trailers
28			Not used on Electric Brake Trailers
29			Not used on Electric Brake Trailers
KIT	2061048	1	ELECTRIC BRAKE ITEMS 24 AND 25
KIT	2062200	1	COMPLETE PLUS HARNESS ASSEMBLY *

* (LESS ABS ITEMS 26, 27, 28 AND LESS ELEC BRAKE ITEMS 23, 24, 25)

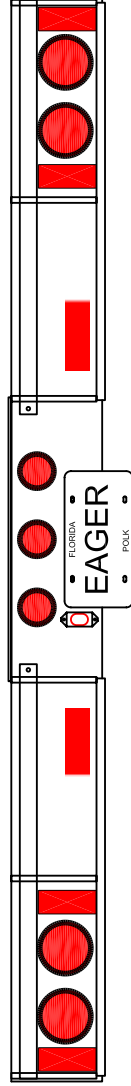
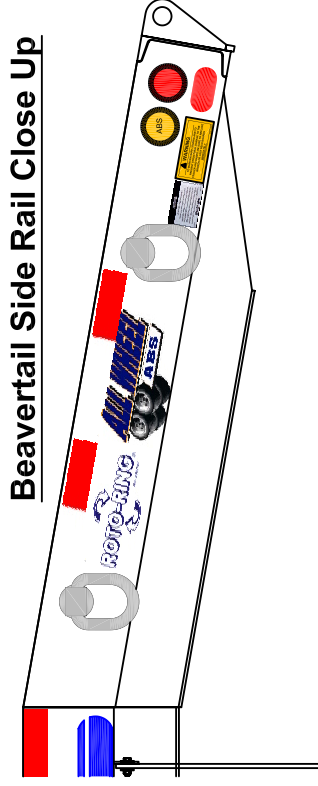
Note: Harness Kits do NOT include Lights, Grommets, or Reflectors

Decal Arrangement for 10 - 12 Tag

Top View
Behind Nose Plate



Front of Headboard



Rear of Tailboard

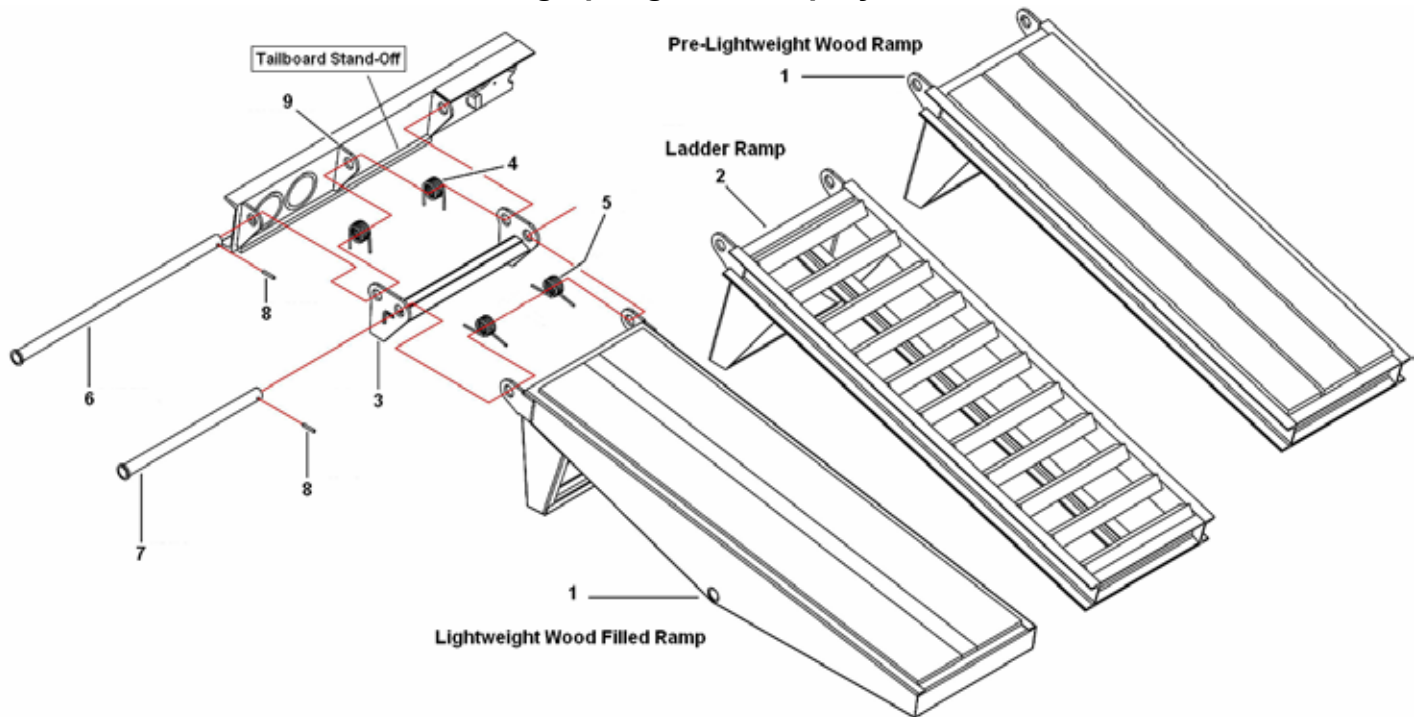
Eager Beaver Trailers

Model B6DOW & B9DOW Trailer Decals

ITEM	PART #	QTY	DESCRIPTION
1	2059014	1	TRAILER CONNECTED WARNING
2	2059370	2	LARGE BLUE EAGER BEAVER, GOLD TRIM
3	2059325	2	HI TENSILE, WHITE
4	2059016	1	CHECK WHEEL LUG
5	2059162	1	TIRE INFLATION INFO
6	2062207	1	DEXTER SUSPENSION TORQUE
7	2062208	1	USA HARNESS DECAL (NOT IN KIT)
8	2060618	2	ROTO-RING
9	2062006	1	CAUTION TRAILER EQPT W / ELECTRIC BRAKES
10			Not used on Model B6 or B9DOW
11			Not used on Model B6 or B9DOW
12	2060608	50	RED-WHITE CONSPICUITY STRIPING
13	2059465	2	B6DOW
	2059166	2	B9DOW
14	2059249	40	BLUE STRIPE (EB YELLOW TRAILERS)
	2061081	40	WHITE STRIPE (RED, BLUE, BLACK TRAILERS)
15	2062209	1	DEXTER WHEEL TORQUE
16			Not used on Model B6 or B9DOW
17	2062173	1	REPLACE DAMAGED WOOD
18	2062174	1	PREVENT DAMAGE - LOAD ON EVEN GROUND
19	2062177	1	SINGLE WHEEL VIN PLATE

Eager Beaver Model B6DOW & B9DOW Tag Trailers

Double Acting Spring and Ramp System Shown



<u>Item</u>	<u>Part No.</u>	<u>Description</u>
1	982102	6-9 Ton 5' Lightweight Wood, 16.5" Bucket (Double Acting)
	2057113	6-9 Ton 5' pre-Lightweight Wood, 16.5" Bucket (Single Acting*)
2	991801	6-9 Ton 5' Ladder, 16.5" Bucket (Double Acting)
	2059459	6-9 Ton 5' Ladder, 16.5" Bucket (Single Acting*)
3	2062168	Double Acting Movable Link (23" W) LW Style Ramps Only
	991846	Double Acting Movable Link (20" W) Ladder & pre-LW Ramps Only
	2057173	Single Acting* Movable Link
4	2062135	Tail Board Side Spring (one leg longer)
	2059230	LD Double Spring - Single Acting* (Not Shown)
5	2062134	Ground Side Spring (both legs same length)
6	2059186	Ramp Pivot Pin 36.5"
7	2063220	1.5" Dia. Ramp Pivot Pin 25" Long (LW Style Ramps Only)
	2054640	1.5" Dia. Ramp Pivot Pin 22" Long (Ladder & pre-LW Ramps Only)
8	2059020	Roll Pin - Ramps
9	2062169	Fixed Link (For Double Acting Movable Link)
	2059364	Fixed Link (For Single Acting* Movable Link)
	178504	Tailboard standoff (2 required)
	142014	Replacement 16.5" Bucket - Ladder Ramps

* Single Acting Spring & Ramps Provide Lift Assistance Off Of Ground Only

Item	Part No	Description
1	2060479	Replacement 10-12 Ton Jack
2	2055647	Replacement Handle
3	Not Stocked	Screw & Nut Assy w/ Shim
4	Not Stocked	Pin, Retaining
5	2062210	Bearing Seat
6	2062211	Bearing, Thrust
7	2060927	Washer
8	2060925	Grooved Pin
9	2060926	Bevel Gear
10	2060908	Top Shaft
11	2060936	Gear for Top Shaft

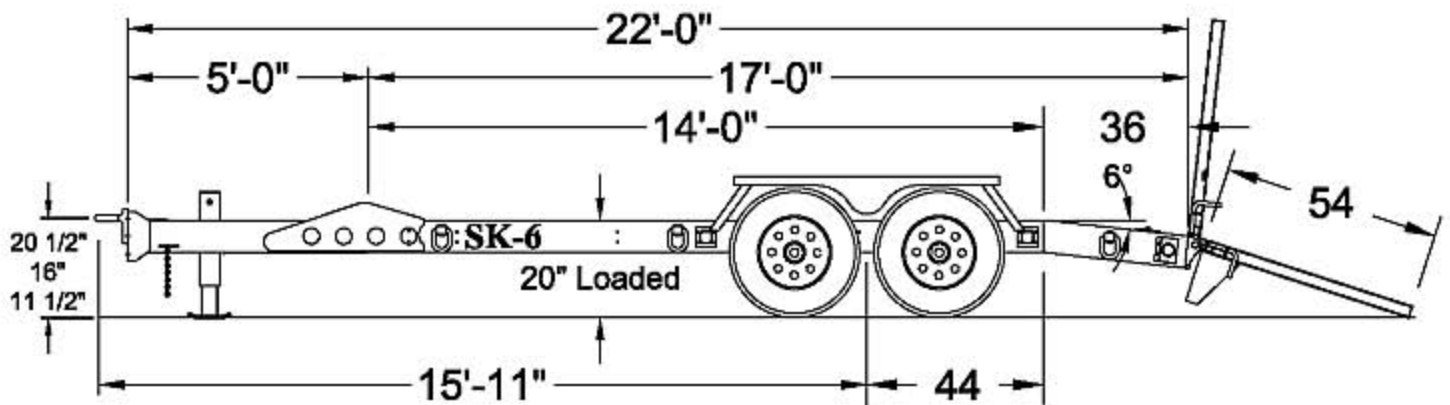
This diagram illustrates the assembly of a vertical support structure. The main components include:

- Base Plate:** A rectangular plate at the bottom with a central vertical slot.
- Vertical Support Column:** A tall, rectangular column that fits into the base plate's slot.
- Top Cap:** A rectangular cap that fits over the top of the vertical support column.
- Horizontal Rod:** A rod that passes through the top cap and the vertical support column.
- Side Plate:** A rectangular plate that fits against the side of the vertical support column.
- Fasteners:** Several bolts and nuts are shown, used to secure the side plate and the top cap to the vertical support column.
- Input/Output Port:** A cylindrical port is located at the bottom of the vertical support column, with a hose or cable attached.

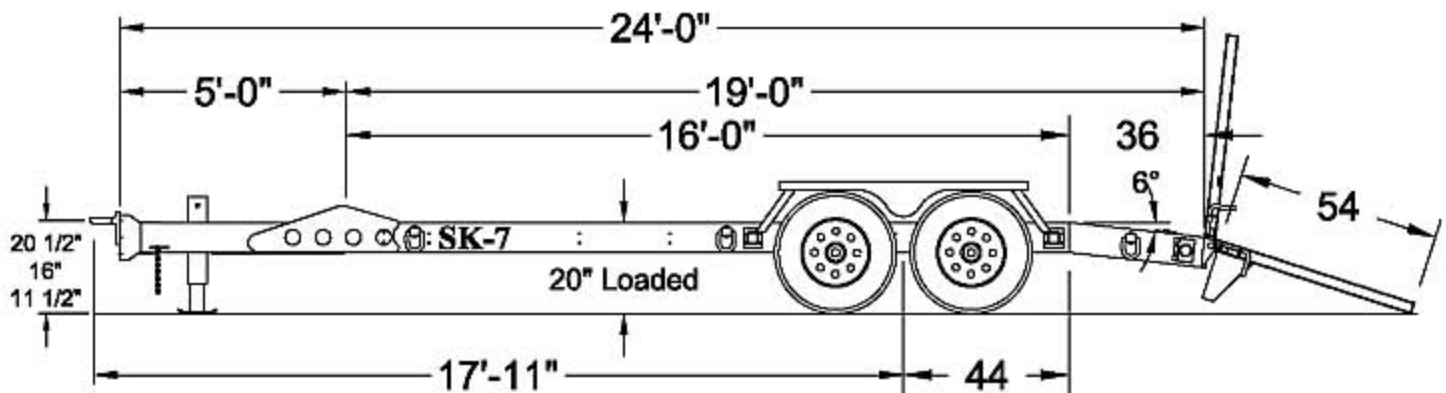
The diagram is an exploded view, showing the relative positions and alignment of the components for assembly.

Model SK6 and SK7 Parts Section

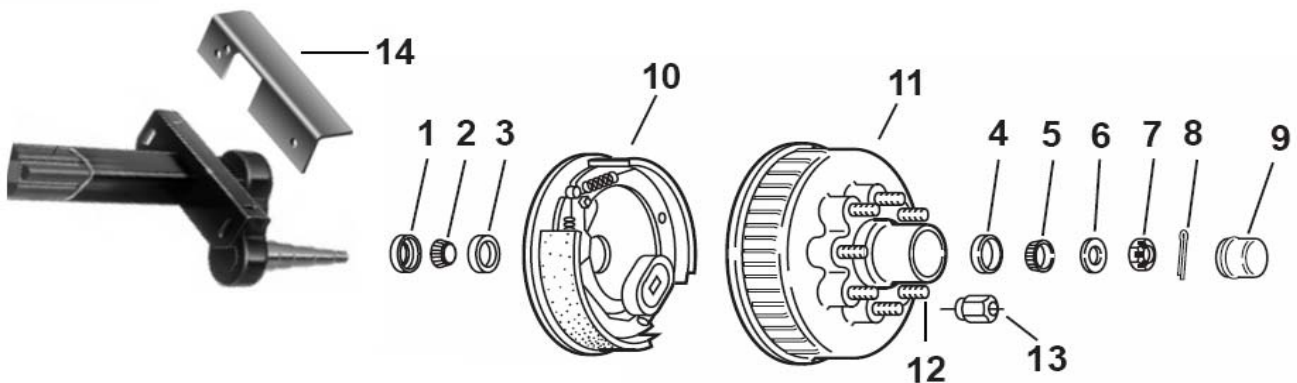
Model: SK6



Model: SK7

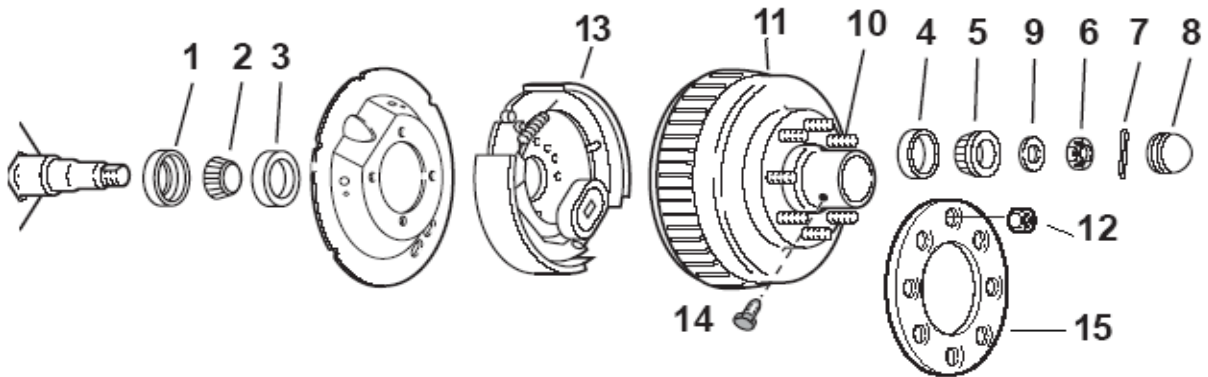


**Eager Beaver Trailers
SK6 Hub & Drum (865 Hub Group)**



Item	Description	Part #
	SK6-12S Torflex, 93.4" HF Beam Only	Special Order
	SK6-12S Torflex, with 865 hub, 94.4" HF	331019
1	Grease Seal, 2.225" ID	2059369
2	Inner Bearing	2054855
3	Inner Race	2054856
4	Outer Race	2057103
5	Outer Bearing	2057104
6	Spindle Washer	2054604
7	Spindle Nut	2054605
8	Cotter Pin	2059019
9	Grease Cap	2057105
10	Complete Brake Assy LH (12" x 2")	2054835
10	Complete Brake Assy RH (12" x 2")	2054836
11	Drum with 9/16" Studs	2062267
12	Stud, 9/16" - 18	2062028
13	Nut, 9/16" - 18, 60° Cone	2062027
14	Axle Attaching Hardware	321024
	Rim 16.0 X 6.00 (SK6) (No Clamp Ring)	2060499

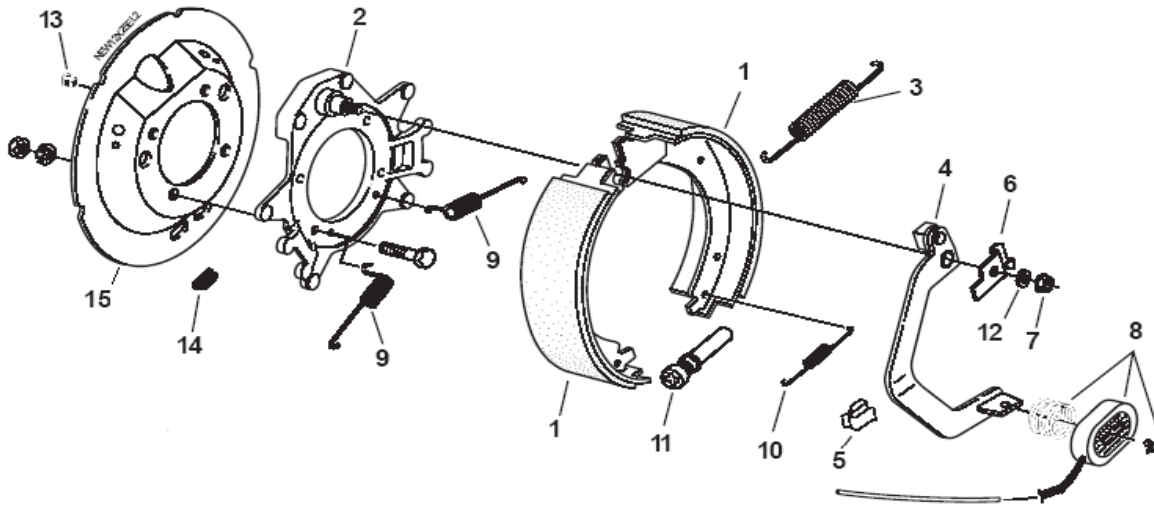
Eager Beaver Trailers
SK7 Hub & Drum (865 Hub Group)



Item	Description	Part #
	SK7-12V Torflex, 93.88" HF Beam Only	Special Order
	SK7-12V Torflex with 865 hub, 93.88" HF	331020
1	Grease Seal	010-036-00
2	Inner Bearing, 205580	2054855
3	Inner Race, 205520	2054856
4	Outer Race, 02420	031-028-01
5	Outer Bearing, 02475	031-028-02
6	Spindle Nut	006-176-00
7	Cotter Pin	019-002-00
8	Grease Cap	2057105
9	Spindle Washer	2054604
10	Stud, 5/8" - 18	007-224-00
11	Drum with 5/8" Studs (7,200 Lb), Grease Lube	008-393-06
12	Nut, 5/8" - 18, 90° Cone	2057646
13	Complete Brake Assy LH (12" x 2.5")	023-428-00
13	Complete Brake Assy RH (12" x 2.5")	023-429-00
14	Hub Plug	2057519
15	Clamp Ring (must use with #12, 90° Cone Nut)	2057083
	Axle Attaching Hardware	321024
	Rim 17.5 X 6.75 (.19 Inset) (Requires Clamp Ring)	341050

Eager Beaver Trailers

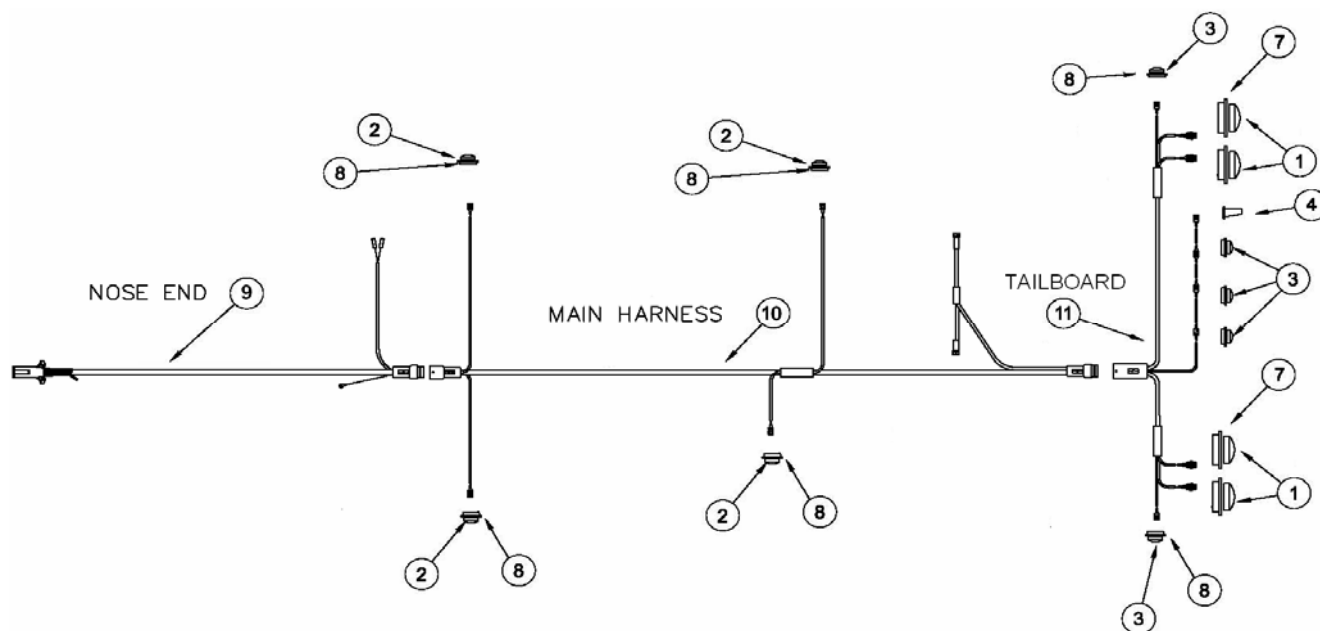
SK7 with 12" x 2.5" Wide Electric Brakes



Item	Description	Part #
1	LH Shoe & Lining Kit	K71-497-00
1	RH Shoe & Lining Kit	K71-496-00
2	Backing Plate	036-119-02
3	Shoe Return Spring (Grey)	2062049
4	LH Actuating Arm	047-124-01
4	RH Actuating Arm	047-125-01
5	Wire Clip	2060742
6	LH Leaver Arm Retainer	2057557
6	RH Leaver Arm Retainer	2057558
7	Flange Nut	2060351
8	Magnet Kit (includes Clip & Spring)	K71-441-00
8A	Magnet Retainer (comes with Item 8)	2059419
8B	Magnet Spring (comes with Item 8)	2059420
9	Centering Spring (2 required)	2062050
10	Adjuster Spring (red)	2054621
11	Adjuster Assembly	048-017-00
12	Washer	005-142-00
13	Wire Grommet *	2054843
14	Adjuster Slot Rubber Plug *	2054842
15	Dust Shield *	036-118-20
	Complete Brake Assy LH	023-428-00
	Complete Brake Assy RH	023-429-00

* Not Included with Complete Brake Assembly

MODEL SK
POSTIVE LOCK UNDER SEAL (P.L.U.S.) HARNESS
AND LED LIGHTS PARTS LIST



Item	Part no	Qty	Description
1	2062094	4	S/T/T "LED" LIGHT
2	2062095	4	2.5" AMBER LED MARKER LIGHT
3	2062093	5	2.5" RED LED MARKER LIGHT
4	2057075	1	LICENSE PLATE LIGHT (NON LED) (STD)
5 & 6			not used
7	2057067	4	GROMMET, BLACK S/T/T 4"
8	2057069	9	GROMMET, MARKER 2.5"
9	392501	1	SK NOSE END PLUS LED
10	392512	1	SK MAIN PLUS LED
11	392522	1	SK TAILBOARD PLUS LED

Model SK6 and SK7 Miscellaneous Parts and Decals

Description	SK6	SK7
SK Single Acting Ramps (Wood, w Lock Mechanism)	980026	980026
SK Single Acting Ramps (Ladder, w Lock Mechanism)	980027	980027
SK Ramp Spring	2062334	2062334
SK Ramp Lock Pin, 1" Dia. X 22" Long	2060480	2060480
SK Ramp Bar 1.5" Dia. x 30.5" L	2060481	2060481
SK Tailboard Fixed (Weld-On) Ramp Links	2060482	2060482
	7K Swing	12K Square
Jack Style	Away	Drop Leg
Jack Part No	401039	2063018
Jack Handle (20" long for sq jack)	NA	2062328
SK Nose Plate	141111	141111
1/2" x 8 Chain Anchor	2059366	2059366
3/8" x 42" Safety Chain with Hook	2054732	2054732

DECAL DESCRIPTION	Common Decals	
	QTY	PN
TRAILER CONNECT WARNING	1	2059014
SMALL BLUE E/B,GOLD	2	2062020
"CHECK WHEEL LUG"	1	2059016
TIRE INFLATION INFORMATION	2	2059162
USA HARNESS DECAL	1	2062208
CAUTION TRLR W/ELECT BRAKES	1	2062006
CONSPICUITY STRIPING	18	2060608
MODEL (SPECIFY "SK6" OR "SK7")	2	440226
WHITE STRIPING	40	2061081