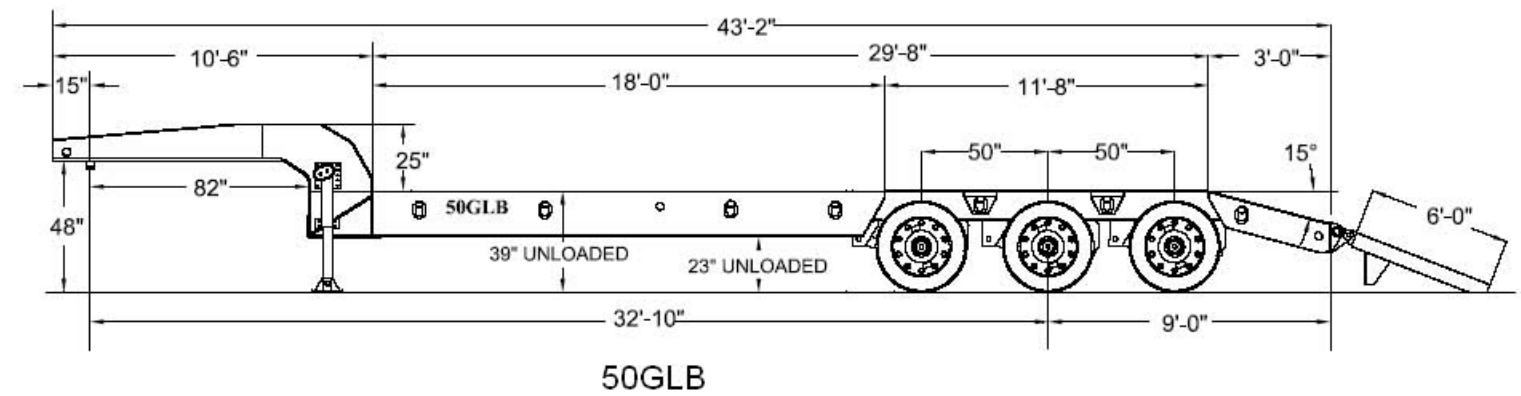
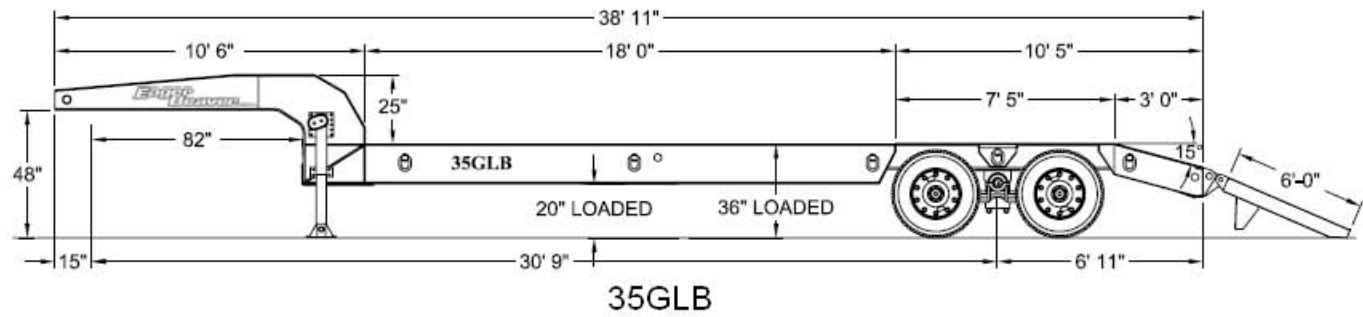
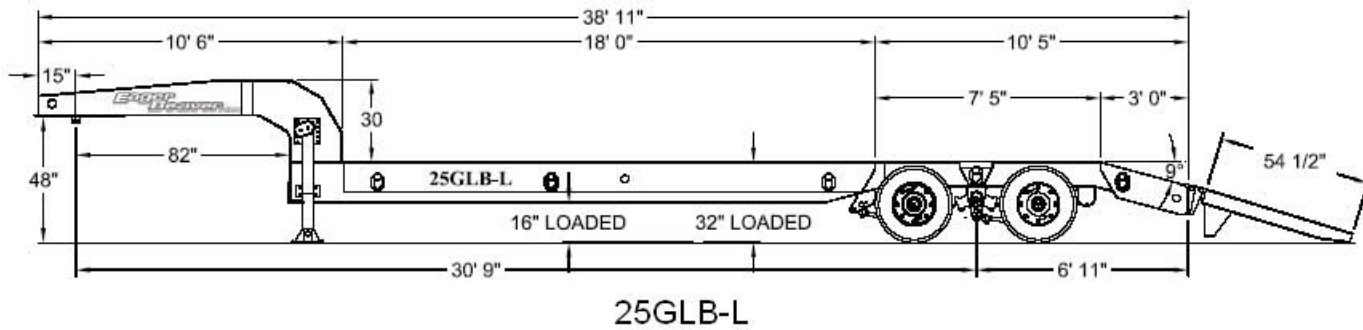


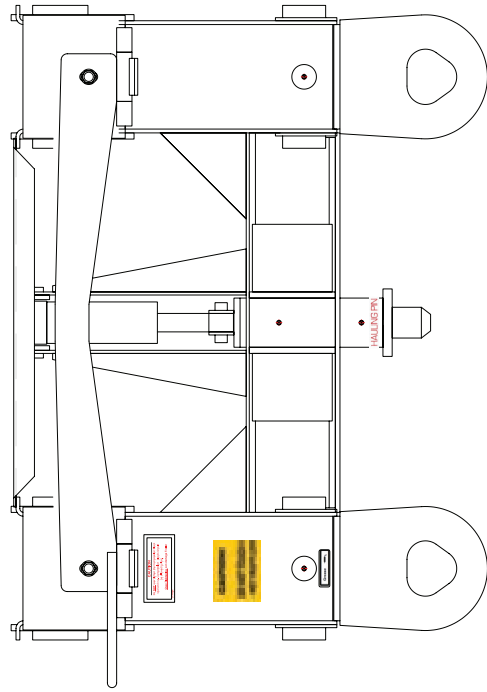
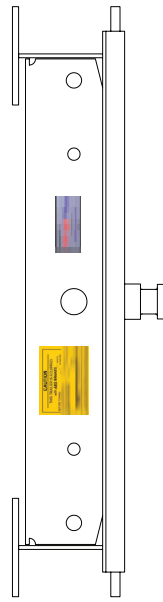
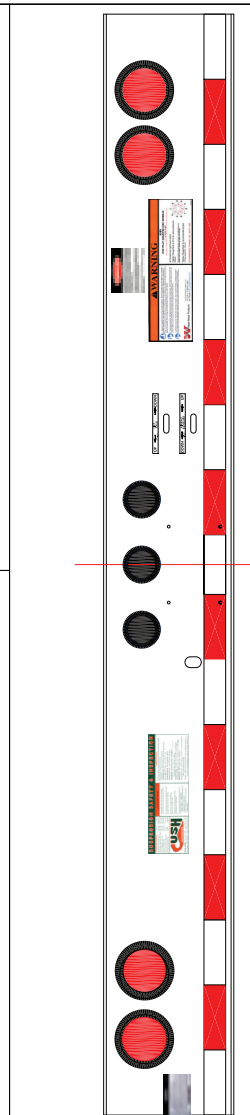
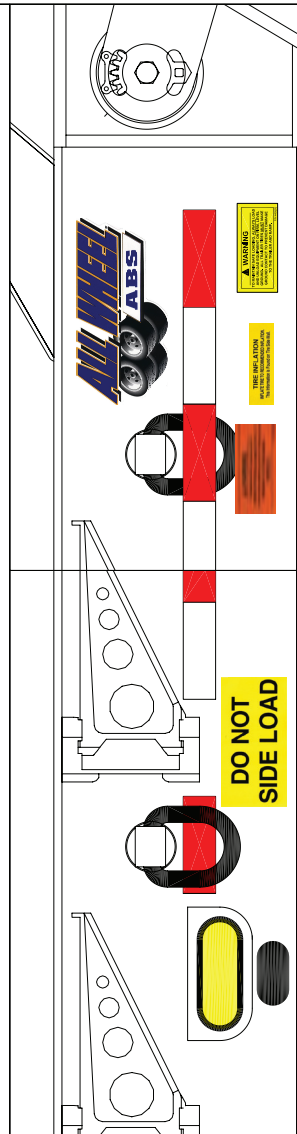
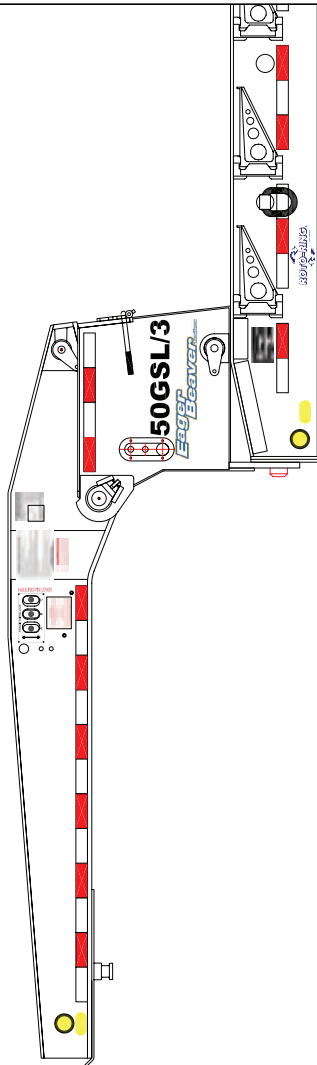
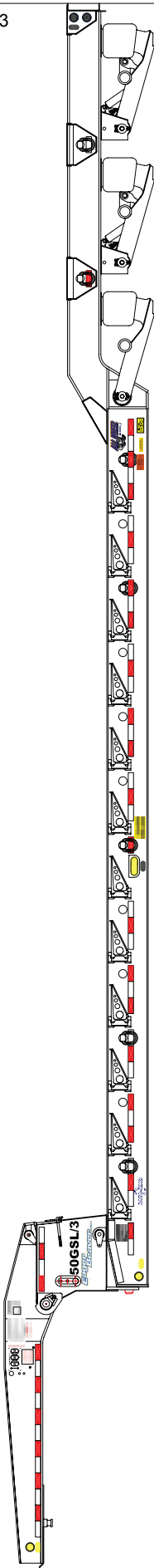
Parts & Service Manual

**20-50 TON GLB
LOWBOYS**

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Standard Model Drawings



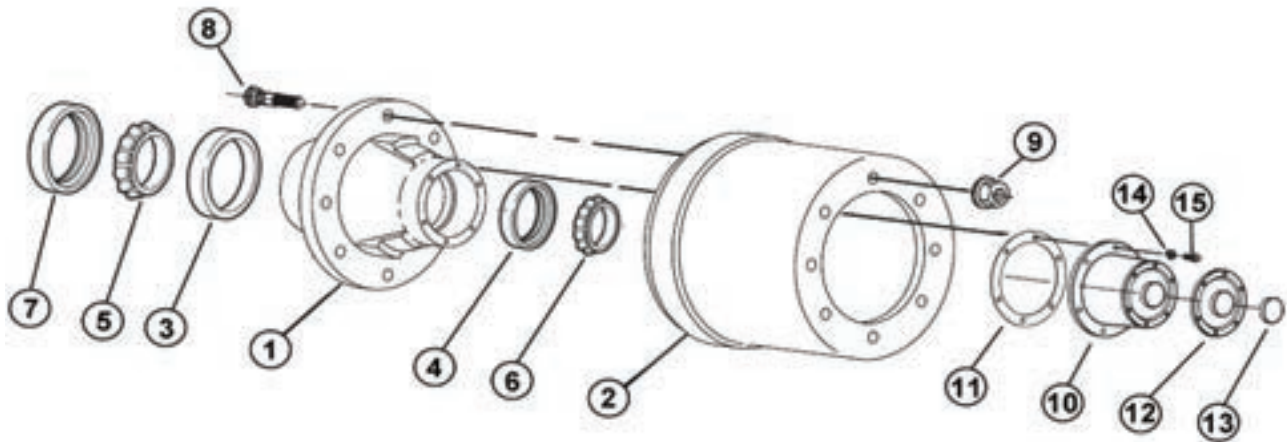


Eager Beaver Trailers Lowboy Trailer Decals

PART #	QTY	DESCRIPTION
2059016	2	CHECK WHEEL LUGS DECAL
2060618	2	ROTO-RING™ DECAL
2062005	2	CAUTION CENTERLINE DECAL
2060608	48	RED/WHITE CONSPICUITY STRIPING ("DOT STRIPING")
2059181	2	"DO NOT SIDE LOAD" DECAL
2062007	1	WEB WHEEL TORQUE DECAL
2059162	2	RECOMMENDED TIRE PRESS DECAL
2059370	2	EAGER BEAVER TRAILERS DECAL - LARGE *
2062208	1	USA HARNESS DECAL
2062173	1	REPLACE DAMAGED WOOD DECAL
<i>With Detachable Hydraulic Gooseneck, Add the Following:</i>		
2059329	1	"HAULING PIN" DECAL
2059348	1	"HAULING PIN LEVER" DECAL
2059585	1	WARNING HAULING PIN" DECAL
2062009	9	"GREASE" FITTING DECAL
2062010	1	"LUBRICATION" DECAL
2062011	1	HAULING PIN "INTERLOCK WARNING" DECAL
2062012	1	COMPRESSION BLOCK NUT TIGHTEN DECAL
<i>With ABS, Add the Following:</i>		
2062003	1	CAUTION TRAILER EQUIPPED W/ABS BRAKES
2061051	2	ABS DECAL(ALL WHEEL)
2062004	1	ABS INDICATOR LAMP INSTRUCTIONS
2062179	1	DANGER SPRING BRAKES
2063521	KIT	GSL WITH ABS DECAL KIT (Includes All Decals Listed Above)
<i>Add Trailer Model Decal (specify if "PT" or "BR" Model)</i>		
2059281	2	DECAL "25GLB" WHITE (specify if 35, 50 or 60 GLB)
2059275	2	DECAL "35GSL" WHITE
2059277	2	DECAL "50GSL" WHITE
2062244	2	DECAL "55GSL" WHITE
2059278	2	DECAL "60GSL" WHITE
<i>With Cush Air Ride Suspension, Add the Following:</i>		
2062245	1	CUSH SUSPENSION TORQUE
2062143	1	AIRBAG EXHAUST OPERATION
<i>With Pony Motor, Add the Following:</i>		
2062249	1	NOTICE - FUEL SHUT OFF VALVE
2062008	1	"HOT MUFFLER" DECAL
<i>With a Lift Axle (All 50 - 60 Ton Trailers), Add the Following:</i>		
2062142	1	LIFT AXLE OPERATION
<i>*For Goosenecks with Fenders or Relief Neck, Replace PN 2059370 with:</i>		
2062020	2	EAGER BEAVER TRAILERS DECAL - SMALL

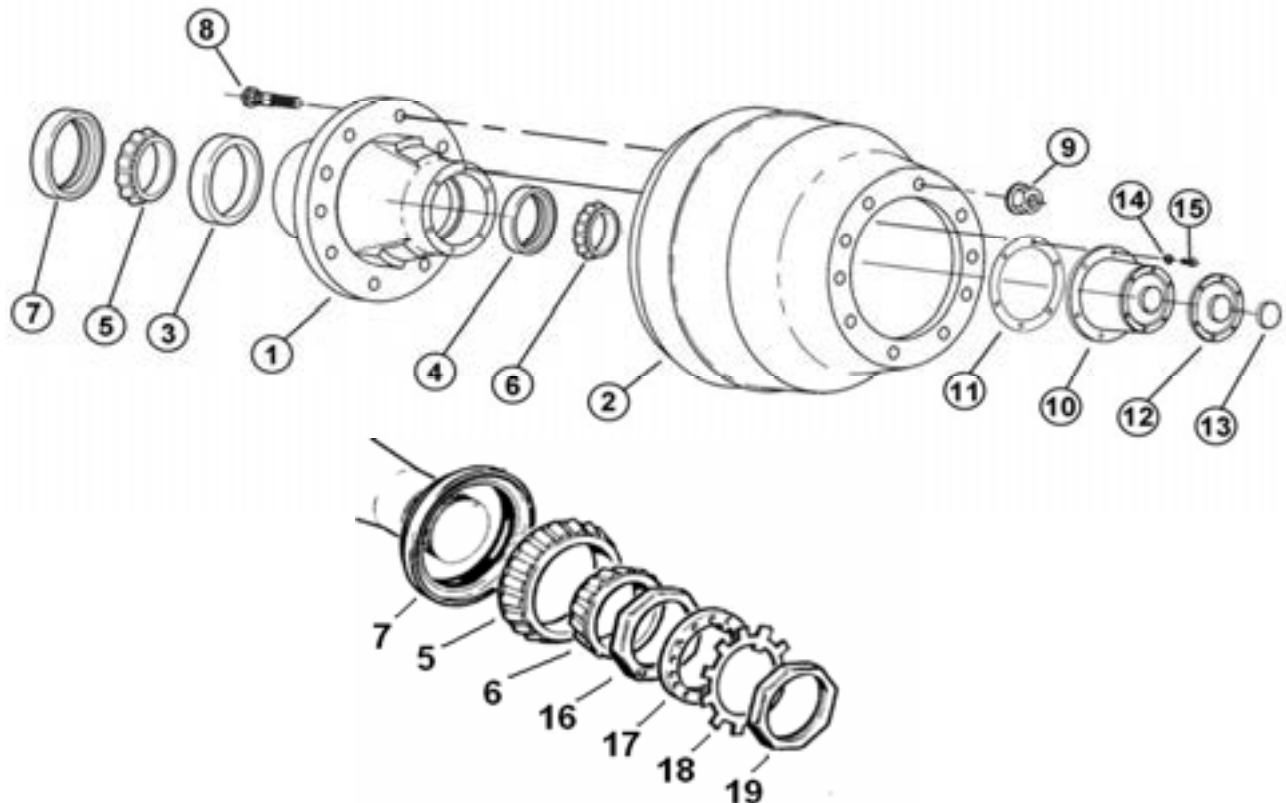
Webb 8 Stud Hub Piloted Drum

Item	Nomenclature	P/N	Remarks
1	Hub	2062151	Includes bearing cups & studs Webb 63680F
2	Drum	2062152	
3	Inner Bearing Cup	2058307	
4	Outer Bearing Cup	2058306	
5	Inner Bearing	2058309	
6	Outer Bearing	2058308	
7	Oil Seal	2055828	
8	Studs	2061085	
9	Flange Nuts	2061086	
10	Oil Cap w/ plug	2055089	Cap, includes window & plug
11	Gasket - oil cap	2055090	
12	Oil cap window kit	2058056	Window, gaskets, & plug
13	vent plug	2055749	
14	Lock Washer		Procure locally
15	Machine screw		Procure locally

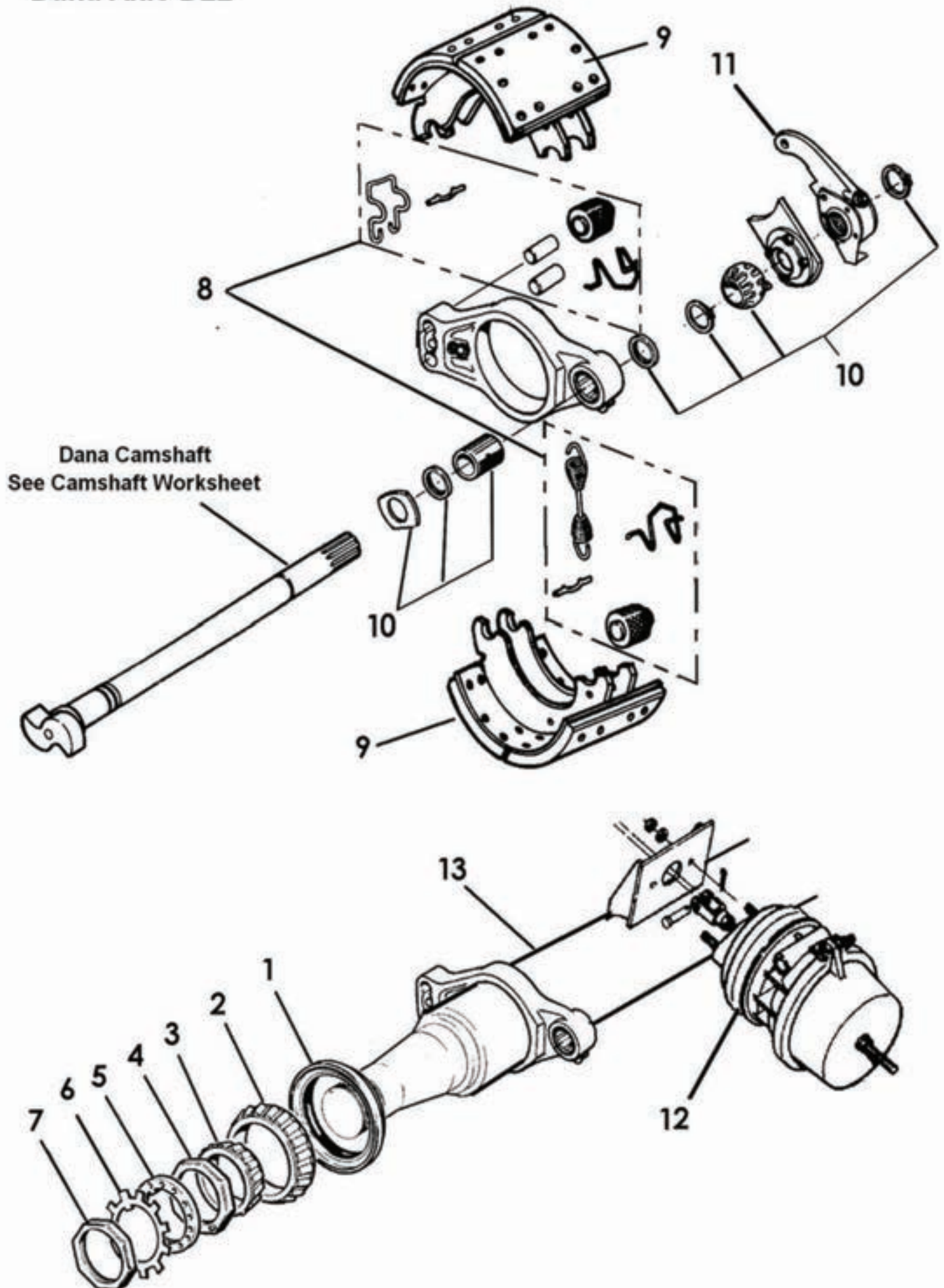


Webb 10 Stud Hub Piloted

Item	Nomenclature	P/N	Remarks
1	Hub	2062290	Webb 2023 (Includes cups & studs)
2	Drum	2062291	Webb 66864F
3	Inner Bearing Cup	2058307	
4	Outer Bearing Cup	2058306	
5	Inner Bearing	2058309	
6	Outer Bearing	2058308	
7	Oil Seal	2055828	
8	Studs	2061085	
9	Flange Nuts	2061086	
10	Oil Cap w/ plug	2055089	Cap, includes window & plug
11	Gasket - oil cap	2055090	
12	Oil cap window kit	2058056	Window, screws, gasket & plug
13	vent plug	2055749	
14	Lock Washer		Procure locally
15	Machine screw		Procure locally
16	Inner Spindle Nut	2055836	
17	Spindle Lock Nut	2058268	
18	Star Washer	2058267	
19	Outer Spindle Nut	2059229	
	Wheel, Steel	341014	8.25 X 22.5, 10 Stud Hub piloted
	Axle Beam, 77" Trk	332101	Includes, brakes, camshaft, slack adjusters



Dana Axle D22

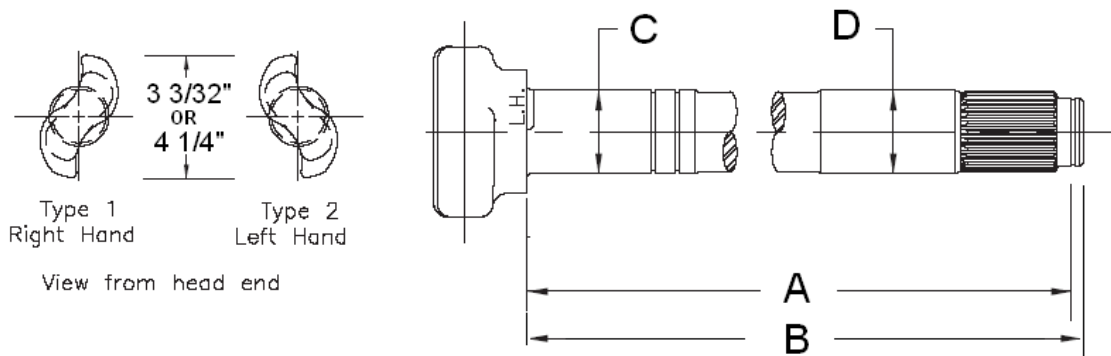


Eager Beaver Trailers

Dana D22 Air Brake Axle, Less Hub & Drum

Item	Description	Part #
1	Seal	2055828
2	Inner Cone Bearing	2058309
3	Outer Cone Bearing	2058308
4	Inner Nut	2055836
5	Inner Lock Washer	2058268
6	Star Washer	2058267
7	Outer Nut	2059229
8	Brake Repair Kit (One Per Wheel)	2060956
9	Brake Pad (Two Per Wheel)	2060455
10	Cam Repair Kit (One Per Axle)	2062013
11	Slack Adjuster	2061083
12	Air Brake Chamber	2059596
13	Complete Axle	2060565
	Less Hub, Drum, Air Chamber	
	(77" Track, 43" Spring Center, 8'6" Wide Trailer)	

Cam Shaft Determination & Ordering Worksheet



- Step 1** Decide whether the cam is a LEFT or a RIGHT hand and whether it is a SMALL ($3 \frac{3}{32}$ ") or LARGE ($4 \frac{1}{4}$ ") head.
- Step 2** Measure the length of the cam. It is best to provide both the dimensions "A", the distance from head to snap ring groove, and dimension "B", the distance from the head to the end of the cam.
- Step 3** Measure the diameter of the cam at both "C", just behind the head, and "D" just inside the spline.
- Step 4** Finally, determine whether the cam is a 10 spline or 28 tooth spline.

Please fill in the chart below when ordering a cam shaft

HEAD STYLE

LEFT HAND SMALL
RIGHT HAND SMALL
LEFT HAND LARGE
RIGHT HAND LARGE

DIMENSION

"A"
"B"
"C"
"D"

SPLINE

10
28

Fax the completed worksheet to Eager Beaver Trailers @ 856-423-0999.

Your Name: _____.

Your Voice Tel #: _____.

Eager Beaver Trailers

Slack Adjuster Determination & Ordering Worksheet

When ordering Slack Adjusters, please provide the following information:

1. Whether Automatic or Manual
2. Whether adjuster arm (which attaches to air brake chamber) is Straight or Curved
3. Whether it has 10 or 28 Splines
4. Manufacturer name and any part numbers from old slack adjuster

Circle Applicable Feature on Below Matrix

		Slack Adjuster	
		EB Part #	Application
Automatic Begin Oct 1994	Straight	10 Spline	2060873 C.B. 10-12 Ton
		28 Spline	2062263 Spicer, Haldex 20-25 Ton (pre-'97) *
	Curved	10 Spline	2060934 C.B. 10-12 Ton
		28 Spline	2060971 Spicer, Haldex 35-60 Ton *
Manual Before Oct 1994	Straight	10 Spline	2060755 Spicer, Haldex 20-25 Ton (older) *
	Curved	10 Spline	2061083 Spicer, Haldex 20-25 Ton *

* Spicer Automatic Slack Adjuster Bracket 2061084 Not included with Slack

Original Slack Manufacturer:

OEM Part Number on Original Slack

Fax your order to Eager Beaver Trailer Parts: 856-423-0999

Your Name:

Your Voice Telephone:

Eager Beaver Trailers - 548 Swedesboro Ave, Mickleton, NJ 08056
Telephone 800-338-7088; FAX 856-423-0999

Eager Beaver Air Brake Shoes - Lowboys

All 35-60 Ton Lowboys (16 1/2" x 7" Drums) (except pre 1998 35 - 40 Ton)

Shoe (each, need 2 per wheel)	2060915
Brake Repair Kit (per wheel)	2059157
Seal (per wheel)	2055828

35 & 40 Ton* - Pre 1998 (12 1/4" X 7 1/2" Drums)

	Upto '93 (P)	94-'96 (PQ)	After '97 (Spicer)
Shoe (each)	2055842	2060853	2060455
Brake Repair Kit	2058058	2060900	2060956
Seal (per wheel)	2055828	2055828	2055828

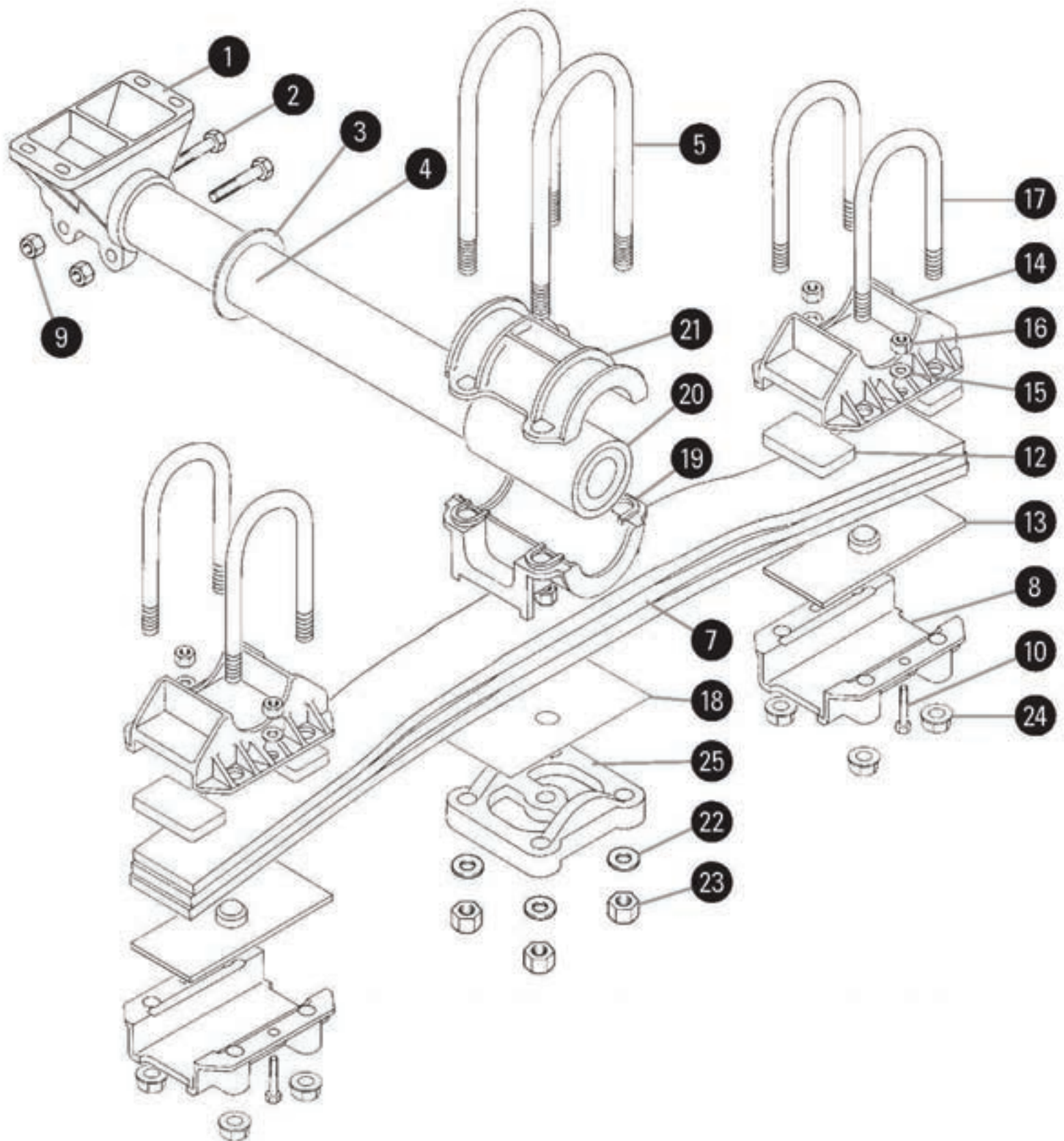
25 Ton (12 1/4" X 7 1/2" Drums)

	Upto '93 (P)	94-'96 (PQ)	After '97 (Spicer)
Shoe (each)	2055842	2060853	2060455
Brake Repair Kit	2058058	2060900	2060956
Seal (per wheel)	2055828	2055828	2055828

P Style	PQ Style	Spicer Style
Both Ends Closed	One End Closed	Both Ends Open

* Prior to 1998, 12 1/4" x 7 1/2" Drums used on all 35 tons and some 3 axle 40 Tons
Between 1998 and 2002, 12 1/4" x 7 1/2" Drums used on Model 35GSL-S4S

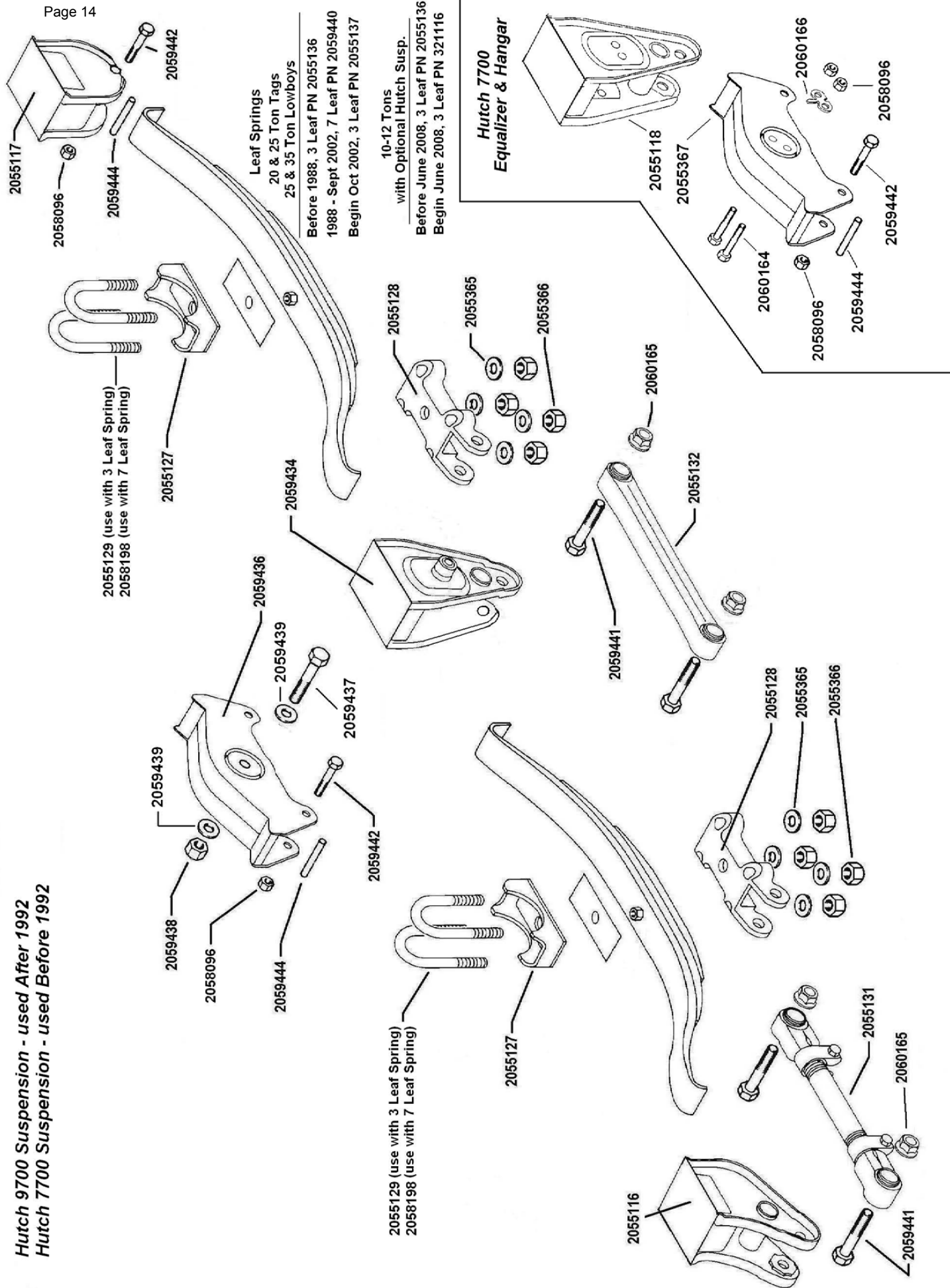
Hutch 900-50 Suspension Underslung Axles & Underslung Trunnion



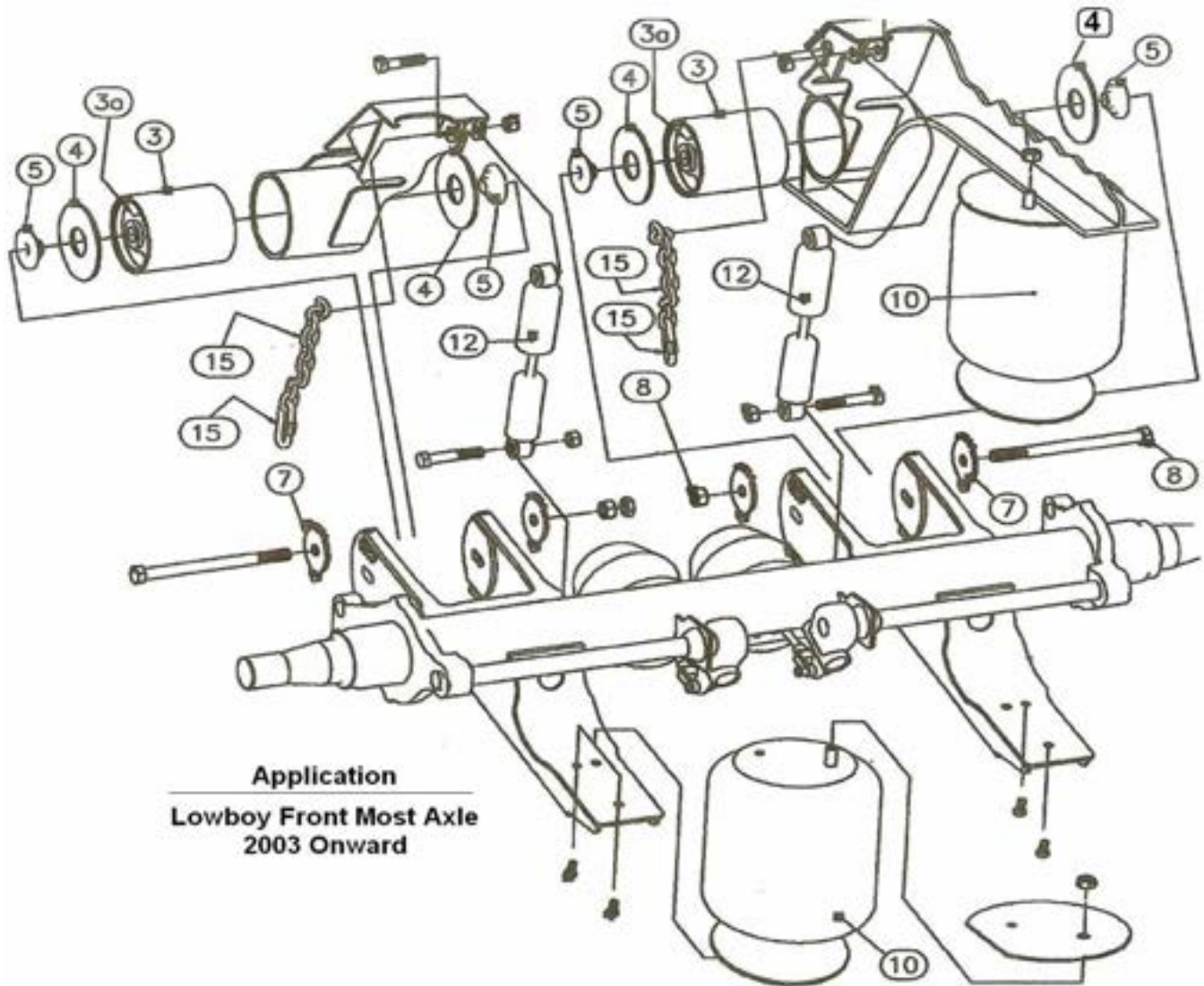
HUTCH 900-50 SUSPENSION PARTS LIST

Item	Hutch PN	Eager Beaver Stocked PNs	Qty Used	Description
1	10476-03		2	Trunnion Hanger, 4-1/2"
2	10376-00	2058106	4	Hex Bolt 3/4" -16 UNF x 4 1/2" GR5
3	895-00	2058105	2	Washer, 7GA x 4 1/32 ID x 5 3/4 OD
4	893-10		1	Trunnion Tube (42" S.C.) 26-1/8" lg
5	835-04	2058100	4	U-Bolt, Trunnion, 15-3/8"
7	10055-00	2058103	2	Spring, 7 Leaf (50,000 lbs.)
8	9941-02	2058090	4	Spring End Cap
9	841-00		4	Hex Nut, Self Locking 3/4" - 16 UNF
10	9293-00		8	Hex Bolt, 5/8" -18 UNF x 2" GR5
12	814-00	2058091	8	Rubber Pad - Plain 814-00
13	10608-00		4	Adjustment Plate
14	9938-00	2058092	4	Spring Seat
15	10273-00		8	Washer, 1/8" x 21/32 ID x 1 15/16 OD
16	11513-03		8	Hex Lockrrut 5/8" - 18 UNF
17	10064-02	2058093	8	U-Bolt - Axle, 10-1/2" 10064-02
18	12919-01		2	Galvanized Liner - .040 x 4.75 x 10.00
19	891-00		2	Trunnion Hub - Upper Half
20	890-00	2058104	2	Rubber Bushing, Trunnion Hub
21	892-00	2058099	2	Trunnion Hub - Lower Half
22	837-00		8	Washer, 1/8" x 1 1/4 ID x 2 1/4 OD
23	836-00	2058101	8	Hex Nut, 1 1/8" -12 UNF x 1 1/2 HI
24	10562-00	2060165	16	Flange Nut Self Locking 1-14 UNS 10562-00
25	820-00	2058097	2	Spring Clamp Plate

Hutch 9700 Suspension - used After 1992
Hutch 7700 Suspension - used Before 1992



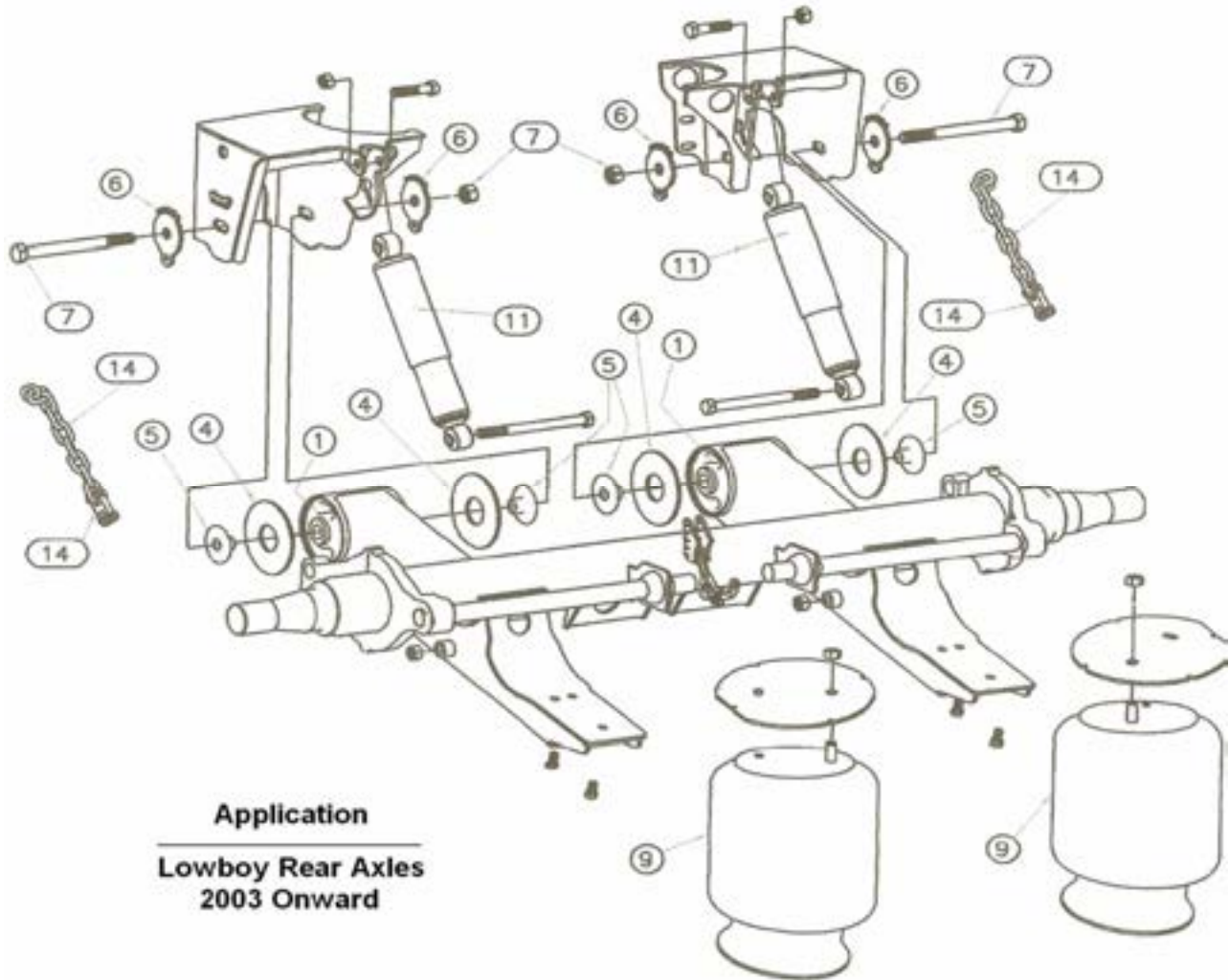
CUSH CLY-25-209



Application
Lowboy Front Most Axle
2003 Onward

ITEM	DESCRIPTION	PART #
3	Sleeve & Bushing Kit	2062280
3a	Bushing Only	2062281
4	Wear Washer	2062282
5	Spacer Collar	2062284
7	Alignment Gear	2062288
8	Bolt Kit - LB Front Axle	2062286
10	Air Spring	2061077
12	Shock Absorber	2062170
15	Chain Kit w/ Clevis Ends	2062287

CUSH CLU-25-009

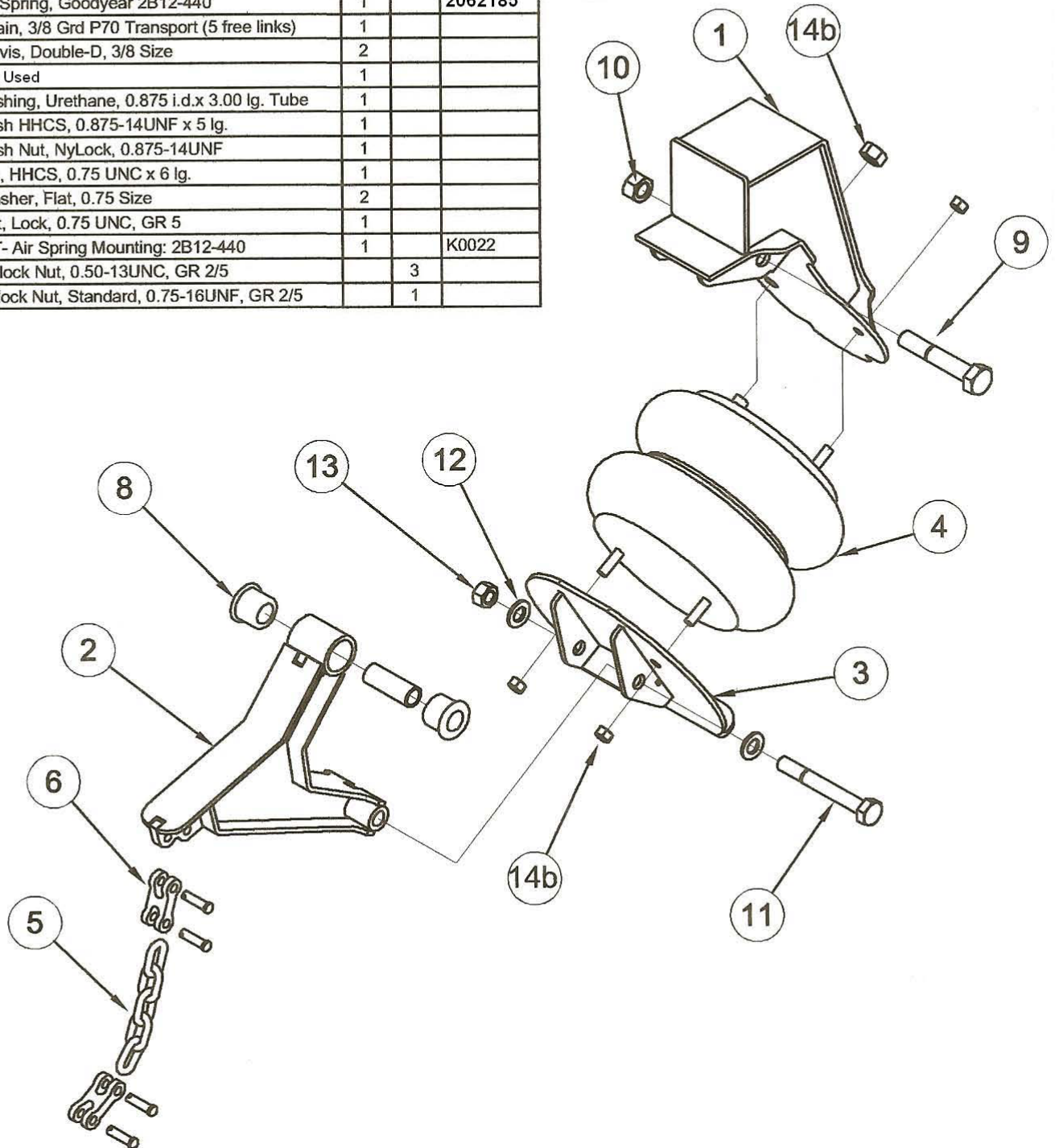


ITEM	DESCRIPTION	PART #
1	Bushing Only	2062281
4	Wear Washer	2062282
5	Spacer Collar	2062283
6	Alignment Gear	2062288
7	Bolt Kit	2062285
9	Air Spring	2061077
11	Shock Absorber	2062170
14	Chain Kit w/ Clevis Ends	2062287

CUSH AIR LIFT MODEL CAL-01

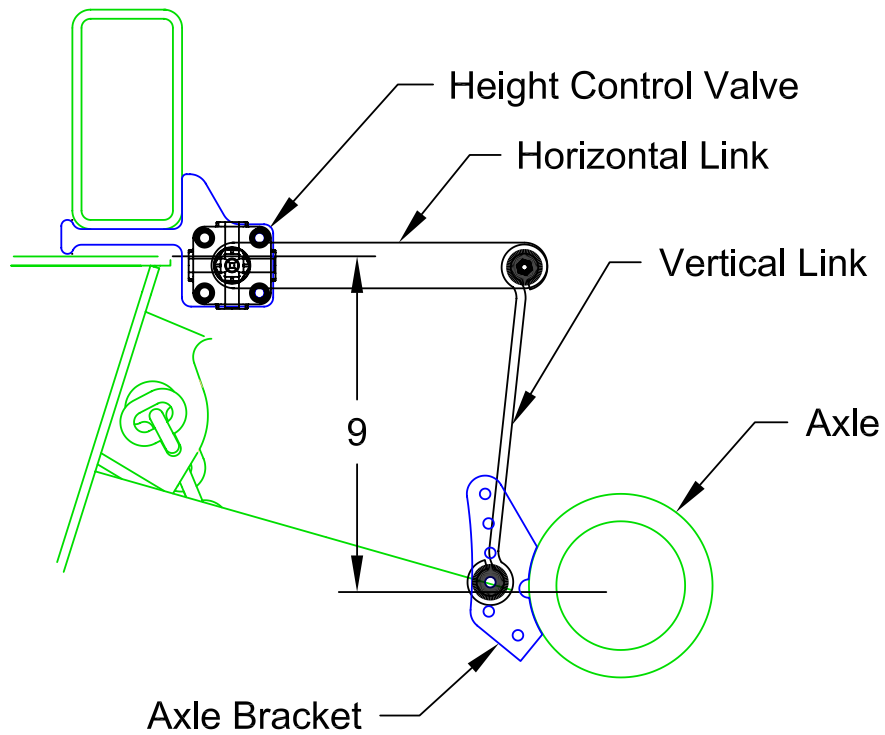
Used on 35 - 60 Ton Lowboys after 2003

Item	Parts List- Description	Qty.	/Qty.	Part No.
1	Hanger Sub-Assembly, 5" x-mber	1		W0095
2	Crank Sub-Assembly	1		W0096
3	Air Spring Pivot Sub-Assembly	1		W0097
4	Air Spring, Goodyear 2B12-440	1		2062185
5	Chain, 3/8 Grd P70 Transport (5 free links)	1		
6	Clevis, Double-D, 3/8 Size	2		
7	Not Used	1		
8	Bushing, Urethane, 0.875 i.d.x 3.00 lg. Tube	1		
9	Bush HHCS, 0.875-14UNF x 5 lg.	1		
10	Bush Nut, NyLock, 0.875-14UNF	1		
11	Pin, HHCS, 0.75 UNC x 6 lg.	1		
12	Washer, Flat, 0.75 Size	2		
13	Nut, Lock, 0.75 UNC, GR 5	1		
14	KIT- Air Spring Mounting: 2B12-440	1		K0022
14a	Flglock Nut, 0.50-13UNC, GR 2/5	3		
14b	Nylock Nut, Standard, 0.75-16UNF, GR 2/5	1		

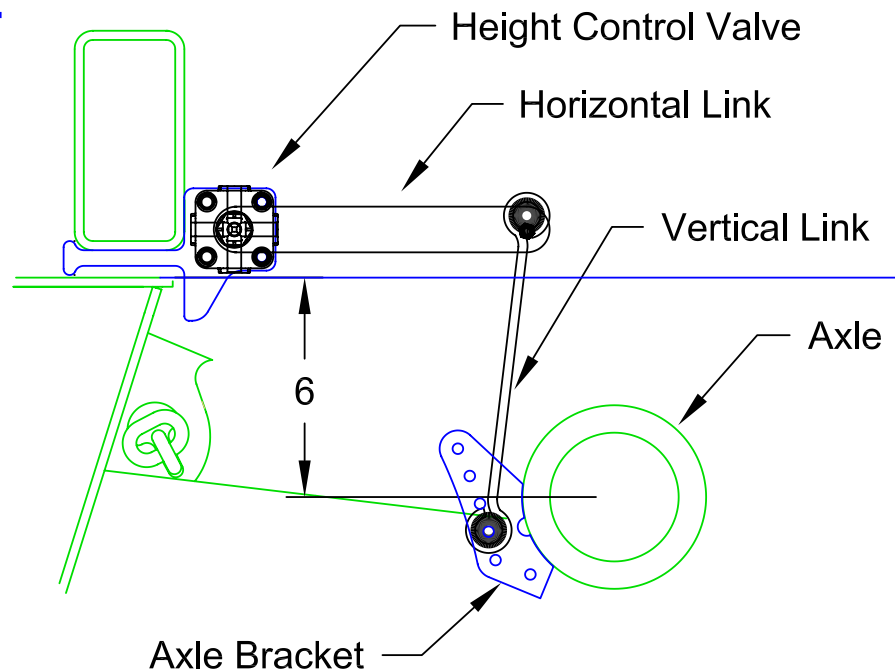


Ride Height Setting

Lowboy



25XPL



BARKSDALE RIDE HEIGHT CONTROL VALVE INSTALLATION and ADJUSTMENT PROCEDURES

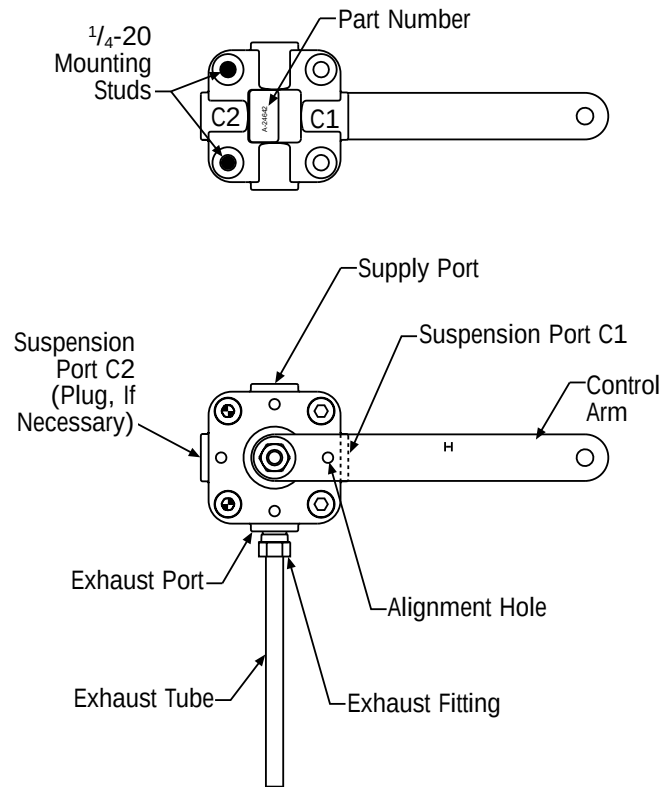


Figure 1. The Barksdale non-delay height control valve

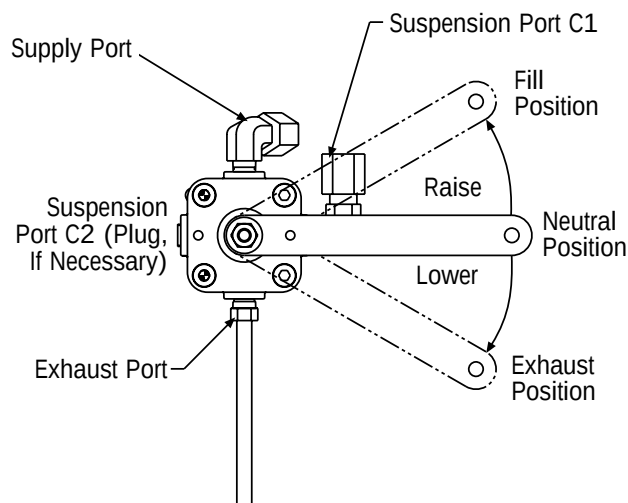


Figure 2. Ride height adjustment

FITTING INSTALLATION

1. Apply thread sealant onto the fitting threads, unless it is already pre-applied.

IMPORTANT: DO NOT APPLY TAPE to the fitting threads; the tape may cause contamination of the air system.

2. Install the supply and suspension fittings on the height control valve.

IMPORTANT: DO NOT OVERTIGHTEN fittings onto the height control valve. Overtightening the fittings may damage the valve body.

VALVE MOUNTING/AIR LINE ATTACHMENT

IMPORTANT: Before installing the height control valve, please review the drawings in the height control valve kit in order to determine the proper mounting and assembly.

1. When tightening the lock nuts on the height control valve mounting studs, DO NOT BACK OUT the studs from the height control valve body.

IMPORTANT: Loosening the studs may cause the height control valve to leak.

2. Ports C1 and C2 on the forward and rear face of the height control valve are the suspension ports. Attach the air line(s) from the air springs to the C1 and/or C2 port(s) (Figure 1).
3. When using only one suspension port, plug the unused port with the $\frac{1}{4}$ -inch NPT pipe plug provided in the height control valve kit.
4. Attach air supply line from the pressure protection valve to the supply port on the top of the height control valve (Figure 1).
5. Install the exhaust fitting into the exhaust port (Figure 1).
6. Tighten all the lines.

RIDE HEIGHT ADJUSTMENT

1. Determine recommended ride height by locating and reading the information on the identification tag; it is on the suspension trailing arm.
2. If necessary, rotate the control arm for the height control valve up to raise or down to lower the axle until the distance between the suspension mounting surface and the axle center matches the recommended suspension ride height (Figure 2).

IMPORTANT: After setting the ride height, the control arm must remain in the neutral position.

3. Insert the wooden centering dowel into the control arm alignment hole and engage into the housing (Figure 1).

Cush Air Ride Valves

August 2003 Onward

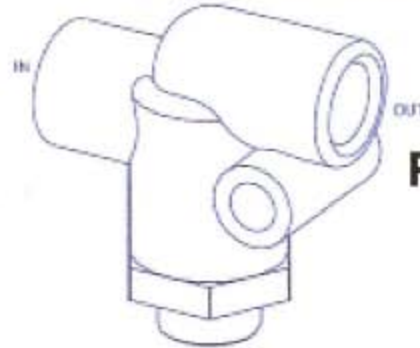
Automatic Height Control Valve

Part No. 2062166



Brake Protection Valve

Part No. 322139
2062091

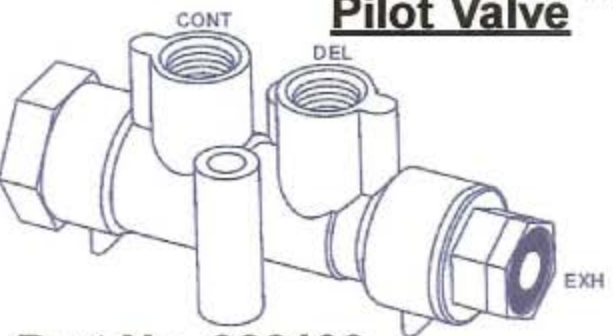


Toggle Switch Valve *

Part No. 322132
2062082



Pilot Valve *



Quick Release Valve *

Part No. 322133
2060824



Part No. 322135
2062021

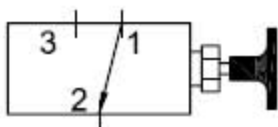
Pressure Regulator Valve (Set at 70 P.S.I.)

Part No. 322129
2062140

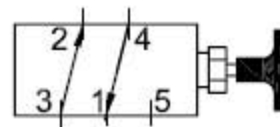


Push-Pull Valves **

3-Port PN 322130
2062265



5-Port PN 322128
2062264

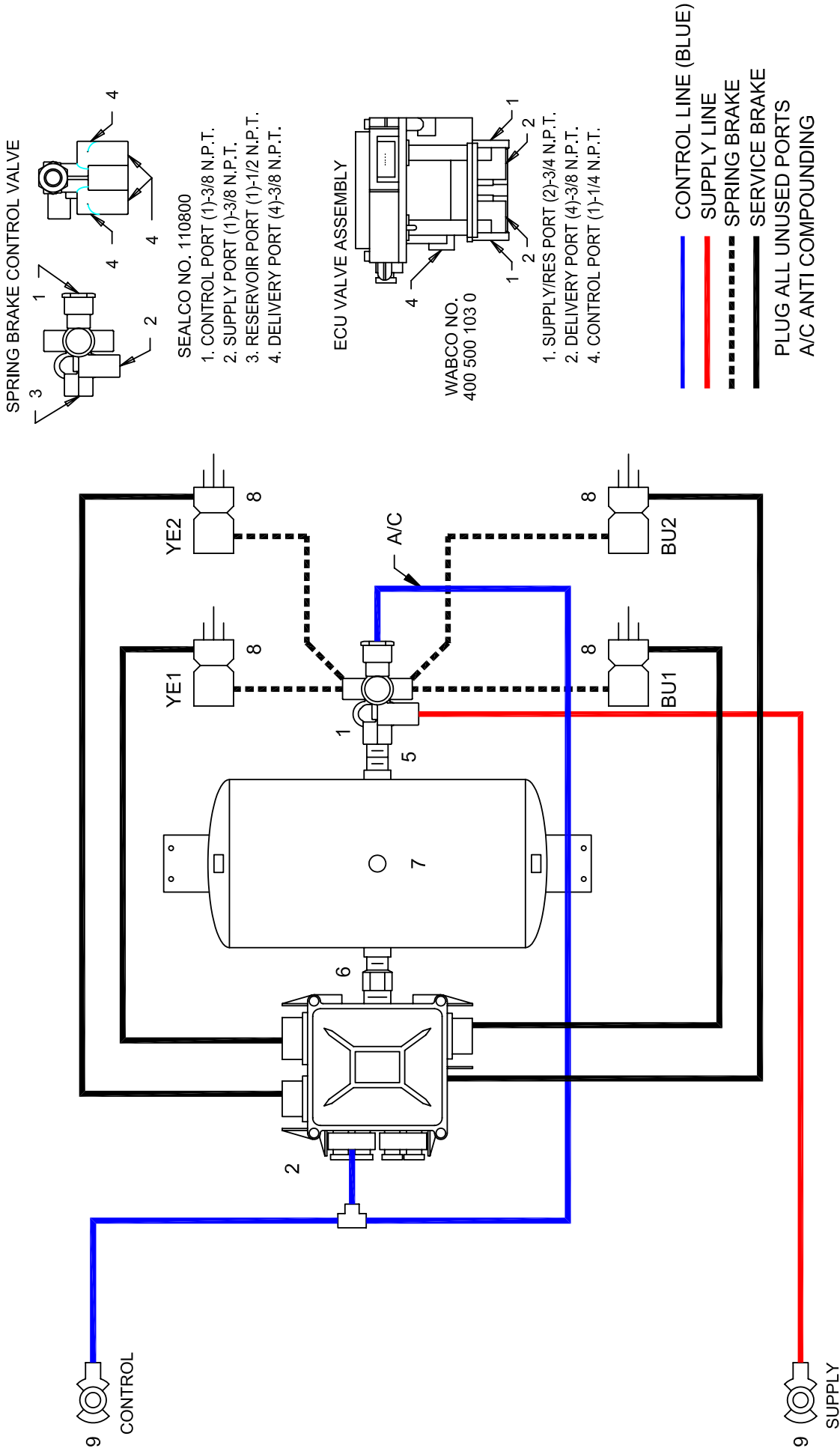


Not Shown - Adjustable Pressure
Regulating Valve PN 322144

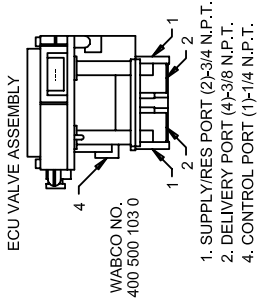
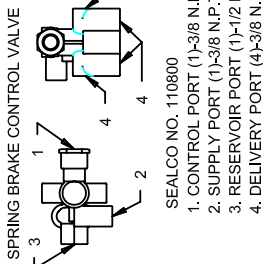
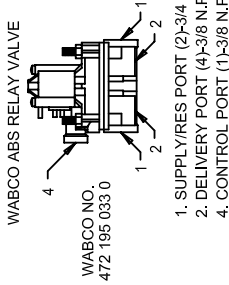
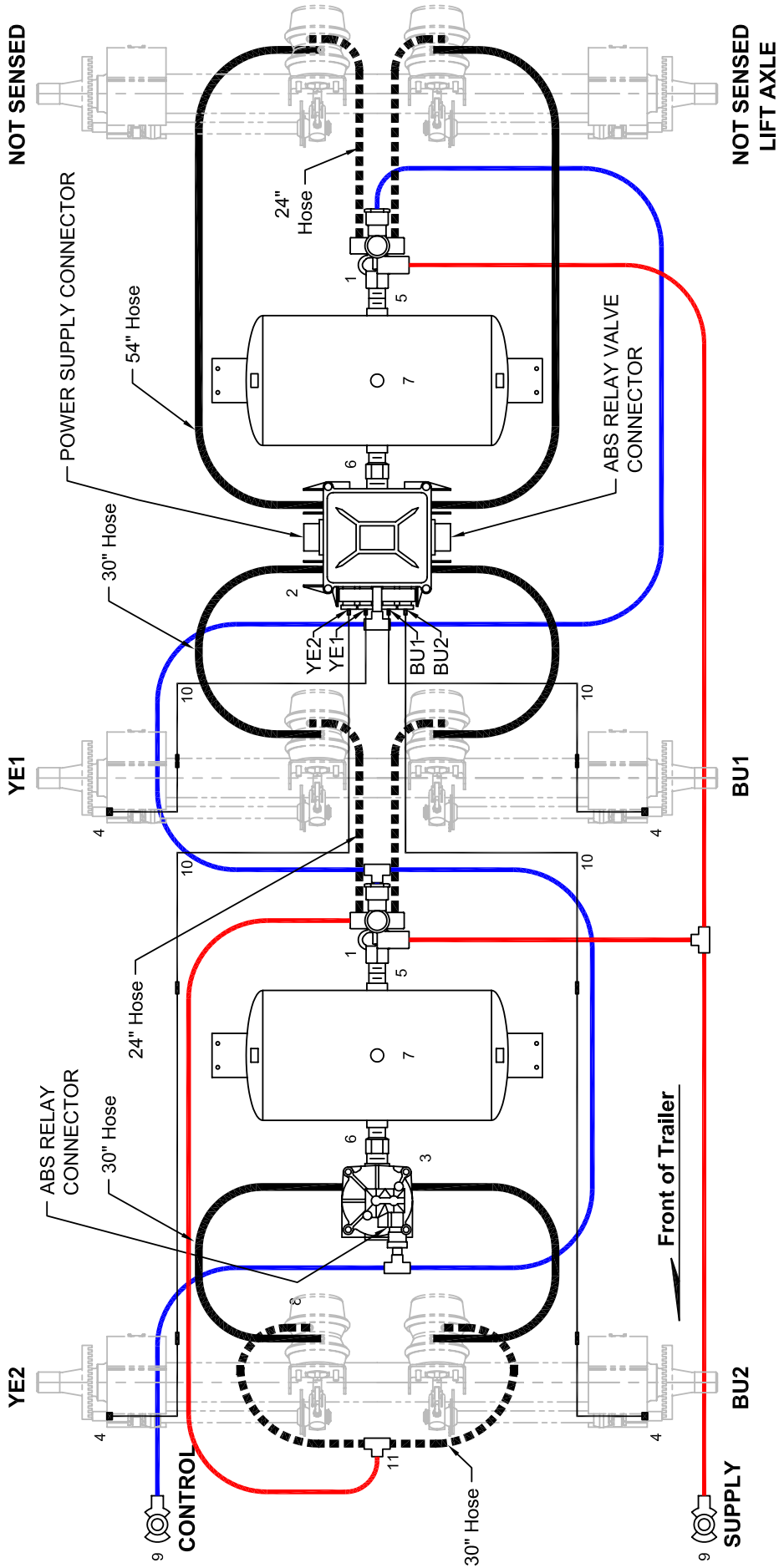
* Used until Sept 2006

** Begin Oct 2006 (replaced toggle, quick release and pilot valve)

4S-2M Air System Schematic



4S-3M Air System Schematic for Tri-Axle Lowboy with Lift Third



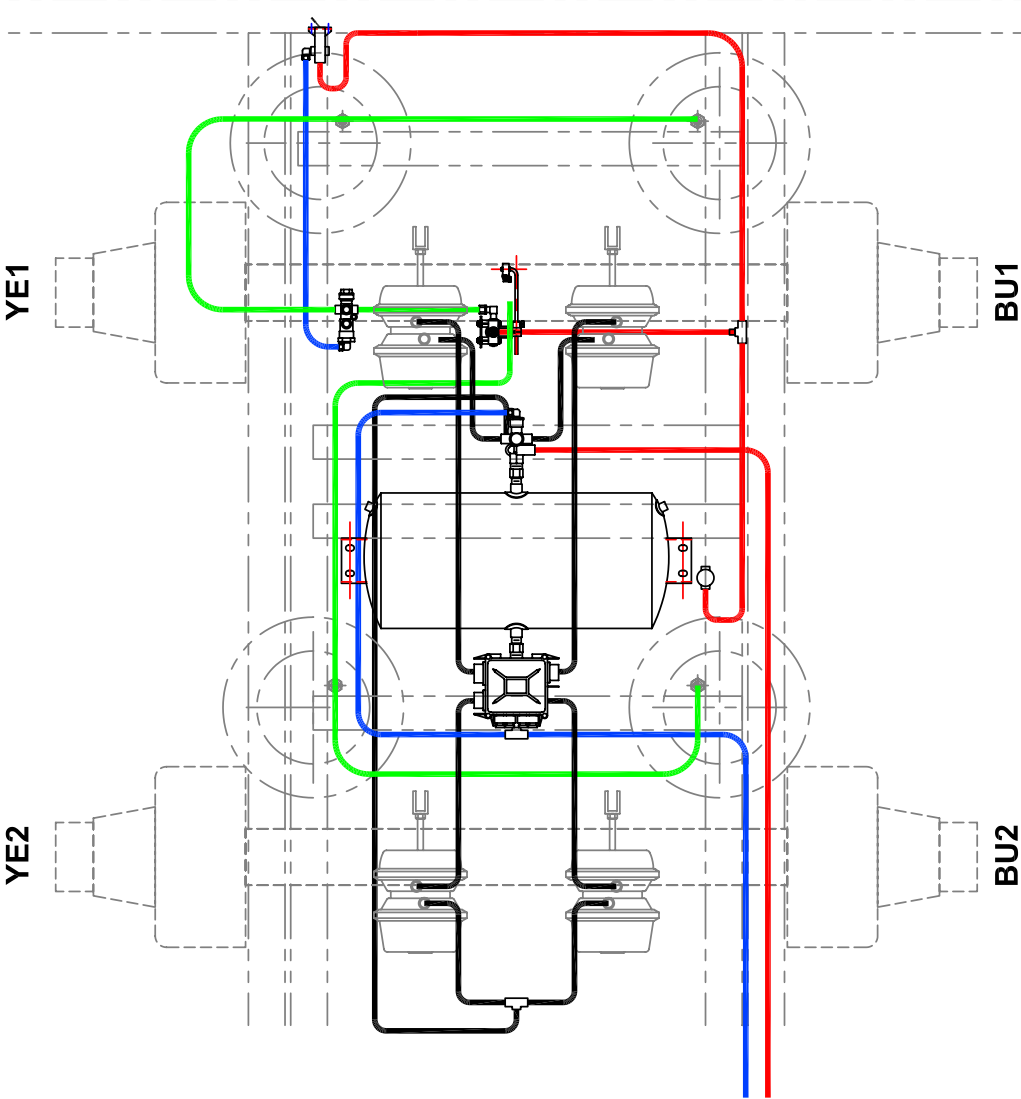
Item	Description
1	Spring Brake Valve
2	ECU ABS Valve
3	ABS Relay Valve
4	Wheel Sensors
5	3/4\" x 3/4\" Nipple
6	3/4\" x 1/2\" Nipple
7	2850 Culin Air Tank
8	Air Brake Chambers
9	Glad-hands
10	Sensor Extension Cable
11	Mounting Tee

- CONTROL LINE (BLUE)
- SUPPLY LINE
- SERVICE BRAKE
- PLUG ALL UNUSED PORTS
- A/C ANTI COMPOUNDING

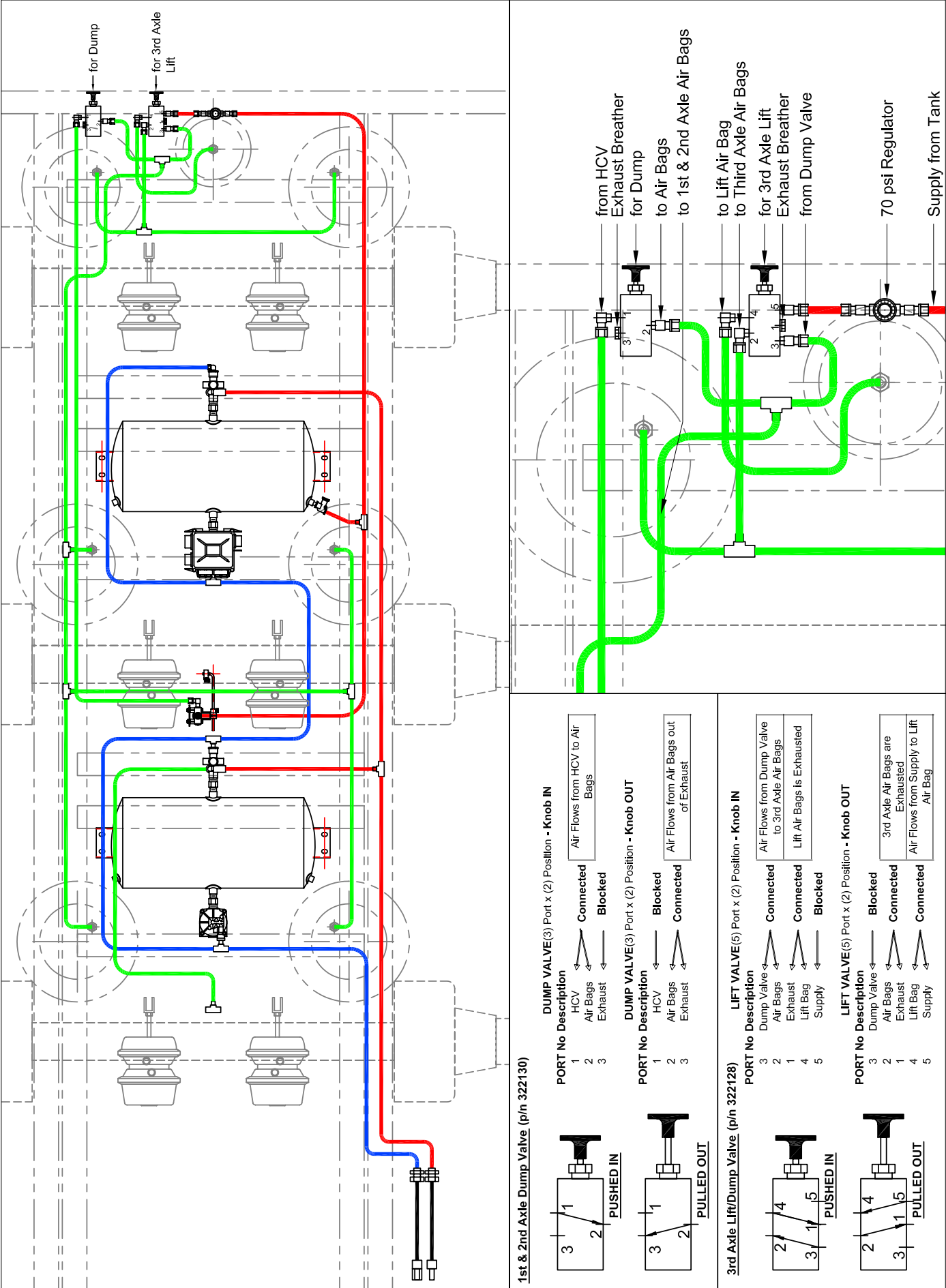
Note: ALL air lines and hoses must be properly routed and secured, so to prevent contact with any surfaces or each other.

Lowboy Tandem Axle Air System with ABS and Dump Valve Option

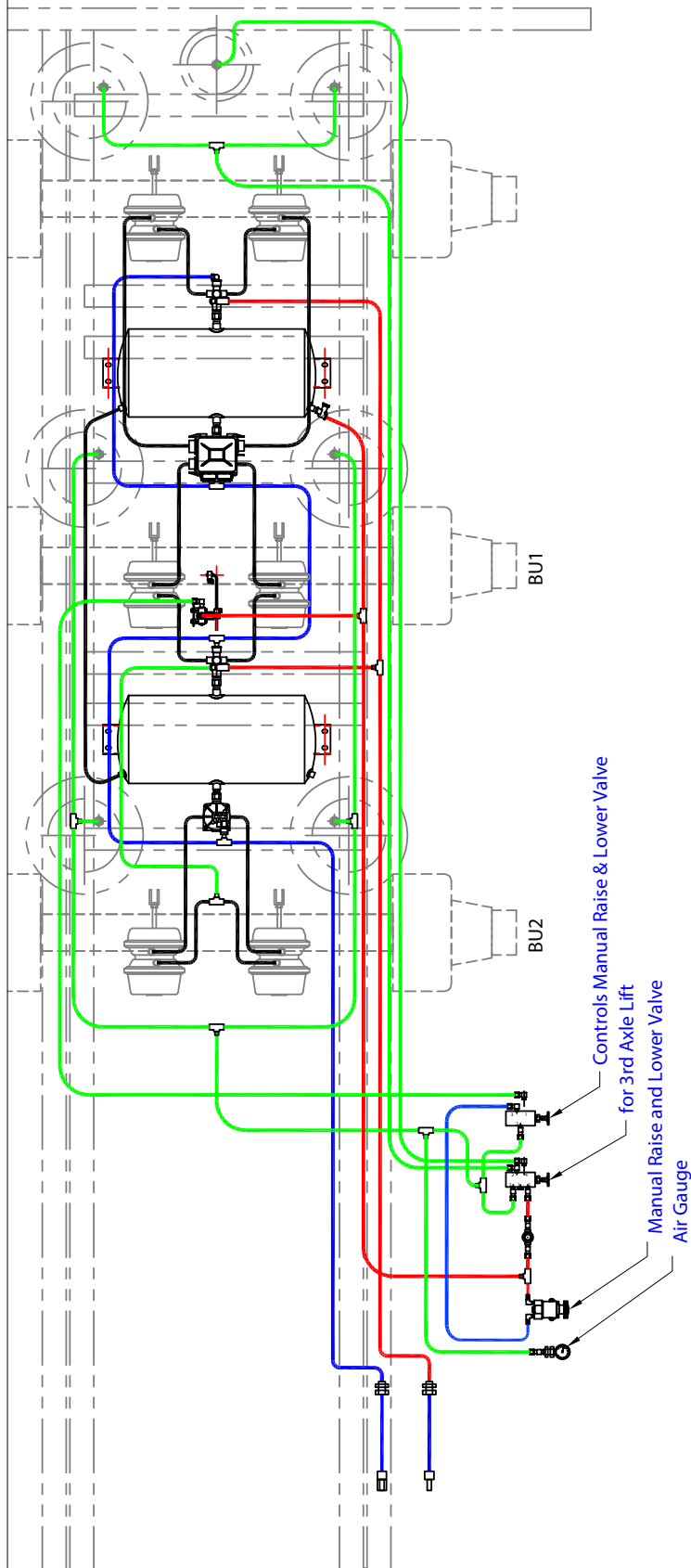
Item No	Part No	Qty	Description
1	451022	4	4497130180 6"SENSOR EXT CBLE
2	451007	1	4005001030 (2&3 AXLE ECU),ESII
3	445850	1	DECAL -DANGER,SPRING BRAKES
4	440043	1	"ABS INDICATOR LAMP INSTRUCTN"
5	440042	2	"ALL-WHEEL ABS"6.125X12.125
6	440041	1	"CAUTION TRLR EQPT W/ABS BRKS"
7	423002	1	2.5"GROMMET PET#B142-18
8	420001	2	AIRTANK MOUNTING PAD #1068
9	411821	8	1/2ID HOSE SEPARATOR
10	411675	2	1/4-20X 1 ZN TYPE F HEX/WASH
11	411626	2	10-32X3/4 PANHD SCRW TYPE F ST
12	411553	10	24" TIE WRAP #CT24HD
13	411501	8	3/8 STD FLAT WASHER,ZN
14	411471	2	1"SAE FLAT WASHER PLATED
15	411402	2	3/8 RBC CLAMP
16	411321	4	3/8-16 NYLOC LOCKNUT
17	411121	4	3/8-16X1.25 HEXHD CPSCRW GR5
18	391311	1	ABS 2.5" AMBR MARKERLITE
19	382224	1	MOUNTED TEE'S (SEALCO)
20	382163	4	3/4 HEXHD PLUG (BRASS)
21	382162	4	3/8 SQHD PLUG (BRASS)
22	382156	1	1/2"X 3/4"HEX NIPPLE
23	382154	1	3/8"X 1/4"HEX NIPPLE (BRASS)
24	382106	4	3/8 90°STRT ELBOW,BRASS,3400X6
25	382002	3	3/8T-3/8M SWVL 90 ELBOW (QCAB)
26	382002	2	3/8T-3/8M SWVL 90 ELBOW (QCAB)
27	382001	1	3/8T-1/4M SWVL 90 ELBOW (QCAB)
28	381910	2	54" 3/8 AIR BRAKE HOSE ASSY
29	381901	6	24" 3/8 AIR BRAKE HOSE ASSY
30	381879	45	3/8OD NYLON BRAKE TUBING-BLUE
31	381878	60	3/8OD NYLON BRAKE TUBING- RED
32	381302	1	SPRING BRAKE VLV,SEALCO 110800
33	381211	1	REMOTE DRAIN VLV (350002-048)
34	381202	1	AIR TANK (2850) #HT-1242 2PORT
35	381153	1	3/4"HD NIPPLE,SEALCO #6006
36	381101	2	3/8FPT3/8FPT BLKHD CUP (STEEL)
37	381053	1	3/8T-1/4M SWVL BRNCH TEE(QCAB)
38	381031	1	3/8T-3/8M STRAIGHT CONN (QCAB)
39	371504	1	3/8FNPT AIR/QD NIPPLE
40	371503	1	3/8FNPT AIR/QD COUPLER



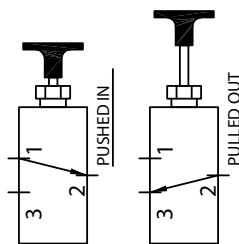
Tri-Axle Lowboy Air System with Push/Pull Valves (NO Toggle or Pilot Valves)



Tri-Axle Lowboy Air System with Push/Pull Valves (NO Pilot Valves) and Manual Raise & Lower



1st & 2nd Axle Dump Valve (p/n 322130)



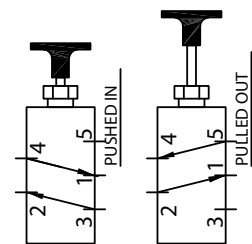
DUMP VALVE (3) Port x (2) Position - Knob IN

PORT No	Description
1	HCV
2	Air Bags
3	Exhaust

DUMP VALVE (3) Port x (2) Position - Knob OUT

PORT No	Description
1	HCV
2	Air Bags
3	Exhaust

3rd Axle Lift/Dump Valve (p/n 322128)

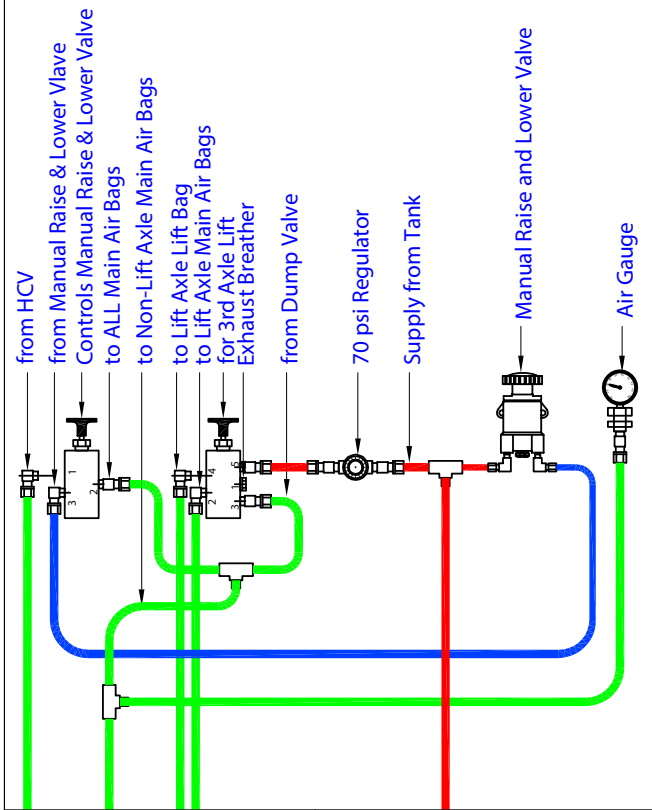


LIFT VALVE (5) Port x (2) Position - Knob IN

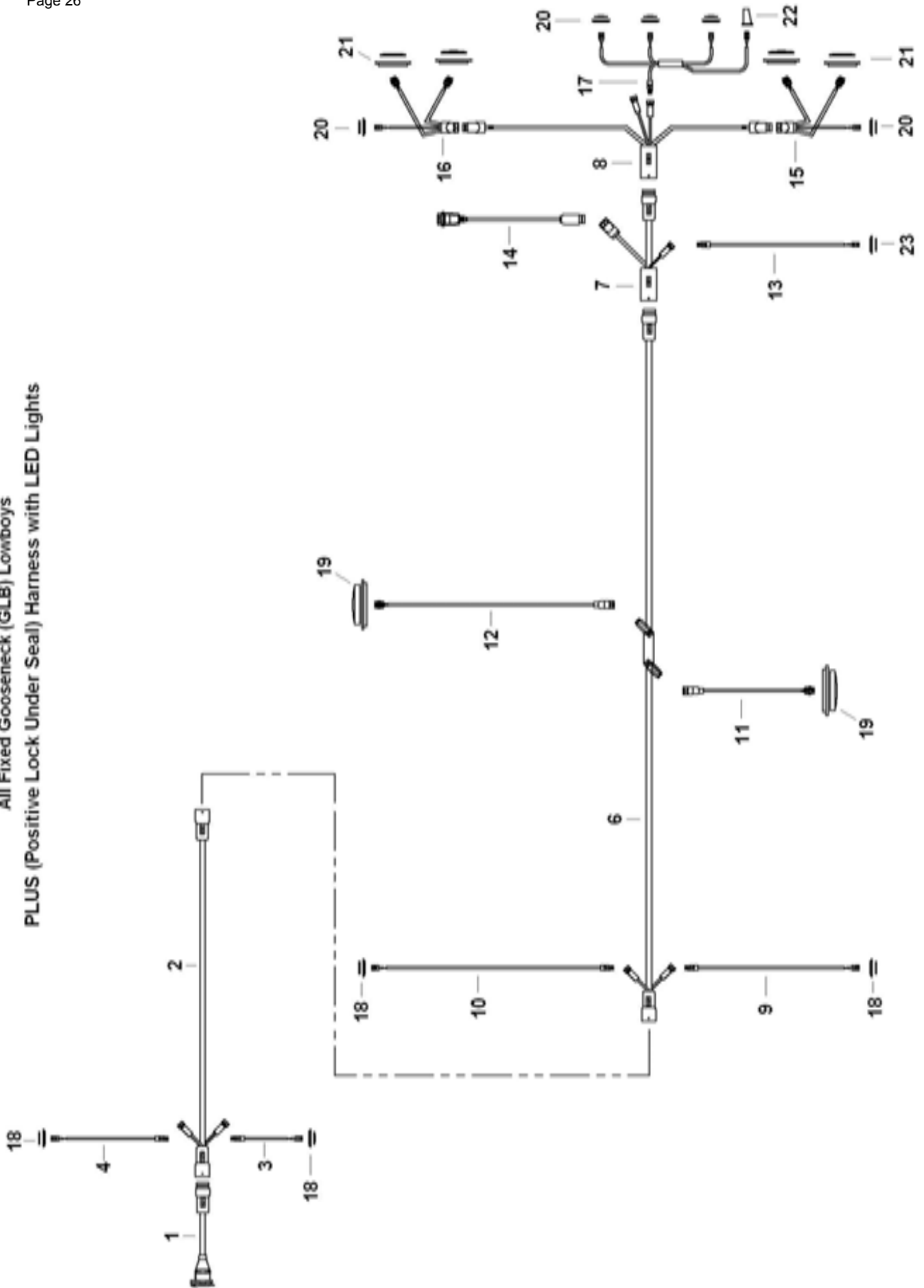
PORT No	Description
3	Dump Valve
2	Air Bags
1	Exhaust
4	Lift Bag
5	Supply

LIFT VALVE (5) Port x (2) Position - Knob OUT

PORT No	Description
3	Dump Valve
2	Air Bags
1	Exhaust
4	Lift Bag
5	Supply



Eager Beaver Trailers
All Fixed Gooseneck (GLB) Lowboys
PLUS (Positive Lock Under Seal) Harness with LED Lights

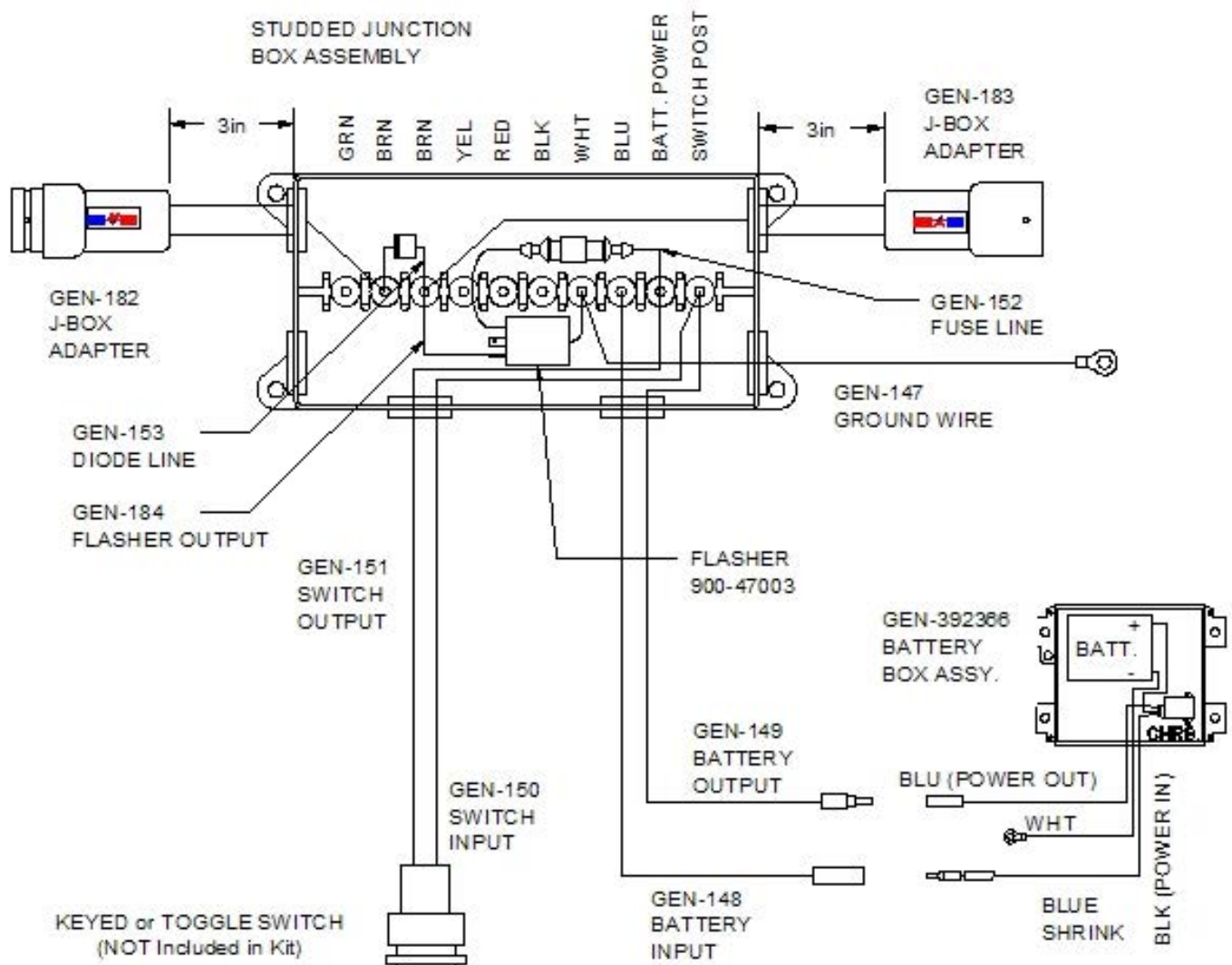


Applicable After August 2005

LOWBOY (GLB) - PLUS HARNESS WITH LED LIGHTS PARTS LIST

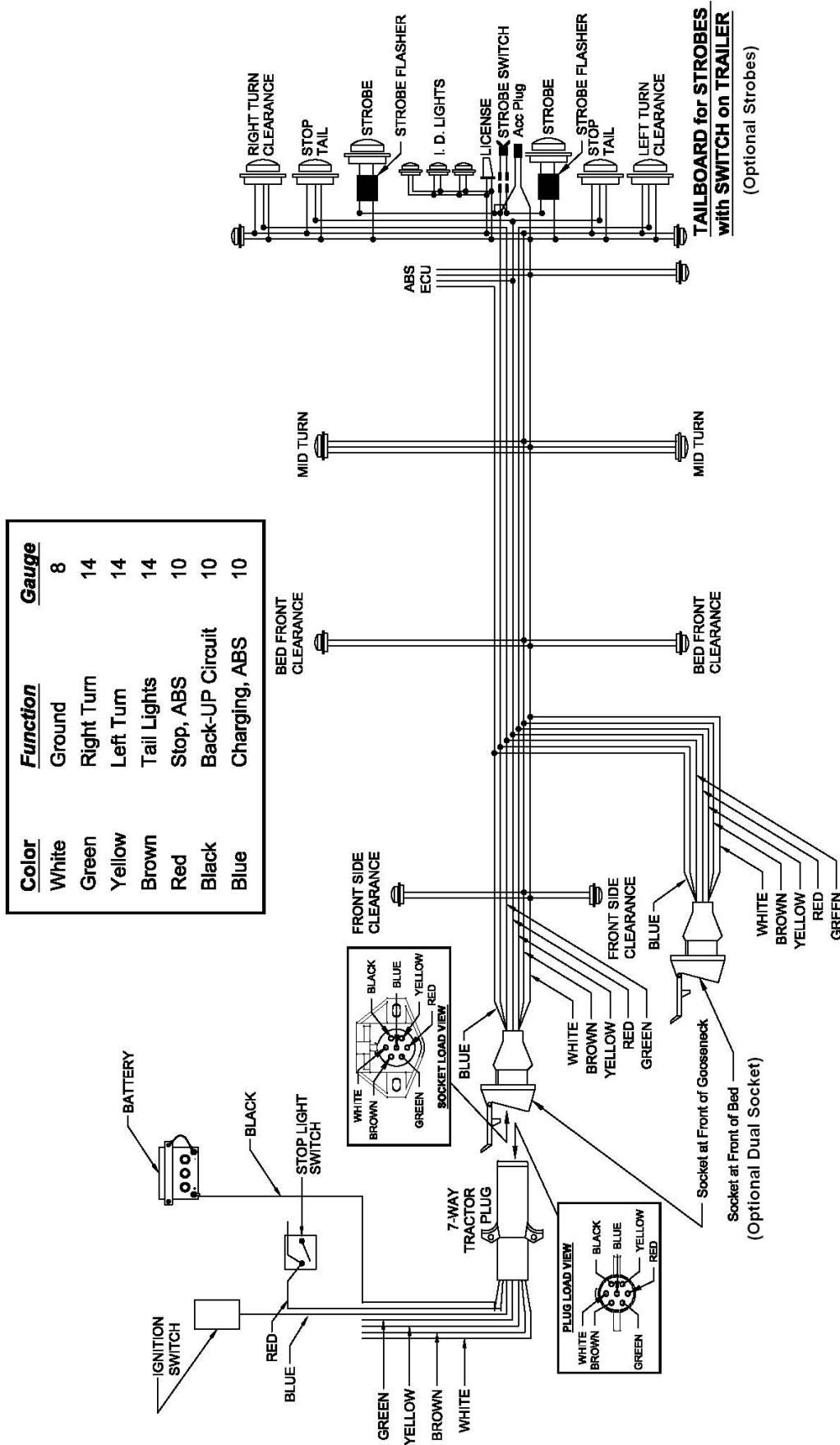
Item	Part No.	Qty	Description
1	2062045	1	LOWBOY SOCKET,12"
2	392203	1	LOWBOY GLB G/N MAIN,15'
3	2062251	1	MARKER,2-POLE,19" "LED"
4	2062252	1	MARKER,2-POLE,51" "LED"
5			NOT USED
6	2062058	1	LOWBOY BED MAIN HARNESS
7	2062068	1	LOWBOY ABS ADAPTER,84"
8	2062061	1	TAILBOARD CENTER,ALL
9	2062252	1	MARKER,2-POLE,51" "LED"
10	392557	1	MARKER,2-POLE,94" "LED"
11	2062253	1	MID TURN,"LED",4-POLE,47"
12	2062254	1	MID TURN,"LED",4-POLE,80"
13	2052063	1	MARKER,2-POLE,117", ABS WARNING
14	2062067	1	ABS POWER,41"
15	2062198	1	C/S "LED"PGTL,AP10/LB,10"
16	2062199	1	S/S "LED"PGTL,AP10/LB,10"
17	2062193	1	TAILBOARD I.D., "LED"
18	2062095	4	2.5" AMBER LED MARKER LIGHT
18A	2057069	4	GROMMET, MARKER 2.5"
19	2062096	2	MID TURN AMBER LED MARKER LIGHT
19A	2062242	2	MID TURN MARKER BRACKET (WELD ON)
19B	2062243	2	GROMMET, OBLONG MID TURN
20	2062093	5	2.5" RED LED MARKER LIGHT
20A	2057069	5	GROMMET, MARKER 2.5"
21	2062094	4	S/T/T "LED" LIGHT
21A	2057067	4	GROMMET, BLACK S/T/T 4"
22	2057075	1	LICENSE PLATE LIGHT (One Piece design)
	2057022	1	LICENSE LIGHT HOUSING (2 Piece design)
	2057074	1	LIGHT (for 2 Piece Housing Only)
22A	2057073	1	GROMMET, BLACK, LICENSE LT
23	2061097	1	ABS 2.5" MARKER LIGHT - NON LED
23A	2057069	1	GROMMET, MARKER 2.5"
	2062130	2	OBLONG RED REFLECTOR
	2062129	6	OBLONG AMBER REFLECTOR

AUXILARY FLASHER KIT (PLUS)



Part No.	Qty.	Description
999405	1	USA-LOWBOY FLASHER KIT PLUS
391905	1	KEY SWITCH
OR		
391915	1	TGL SWT,CH #5582-10 ON-OFF PVC
391931	1	TGL SWT MTG PL, CH #5543-15
2063153	1	FLASHER KIT (PLUS) WITH KEY SWITCH BOM
2063154	1	FLASHER KIT (PLUS) WITH TOGGLE BOM

Electrical Wiring Schematic for GLB Trailers with Dual Receptacles and Strobe Lights

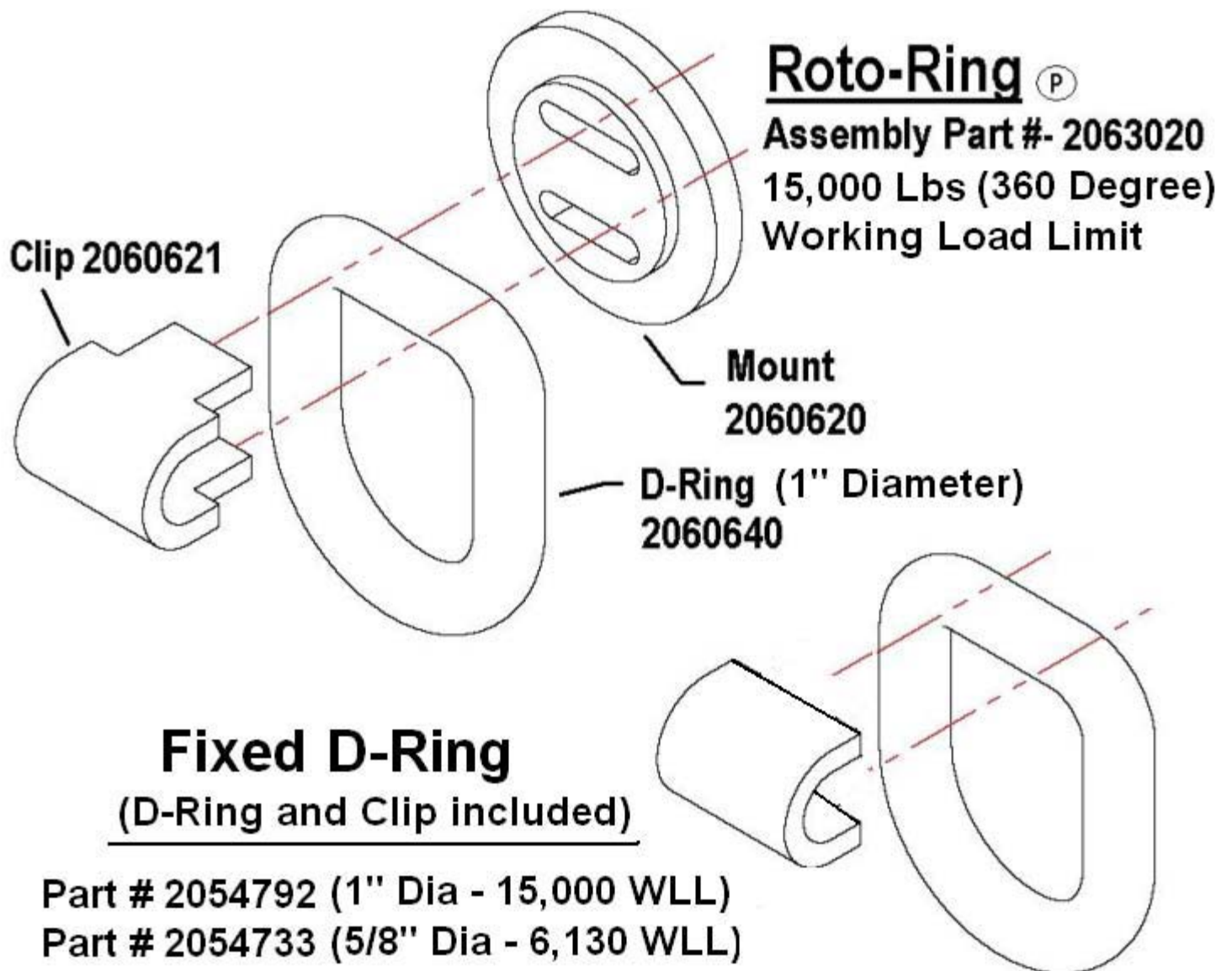


Notes: The **Black** wire is **NOT** normally used on trailers with ABS air brakes, but can be used for Trailers with Back-UP Lights, Strobe Lights or for Auxiliary Power.

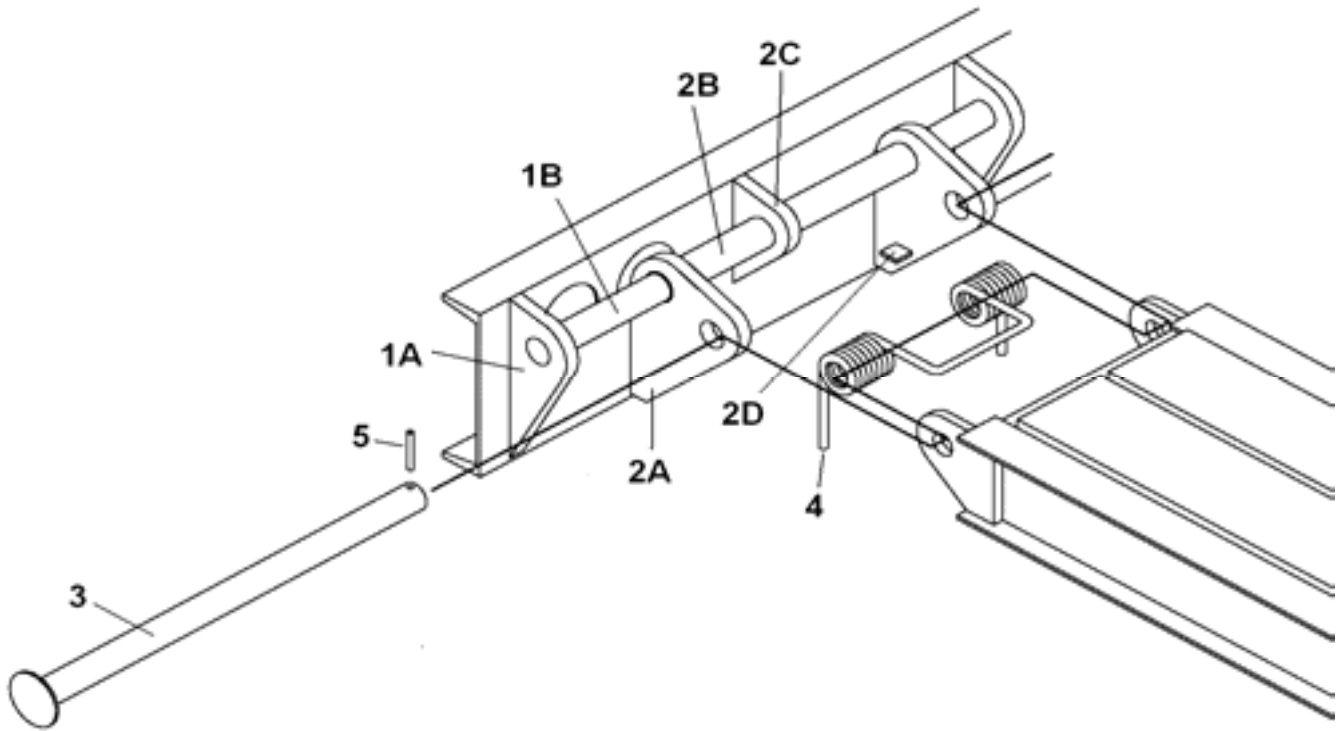
The **White** ground wire on the truck should be a good solid ground.

The **Blue** ABS wire on the truck should be keyed to the ignition and fused, 20-amp.

The Red stop light wire on the truck should be connected to the stop light switch.



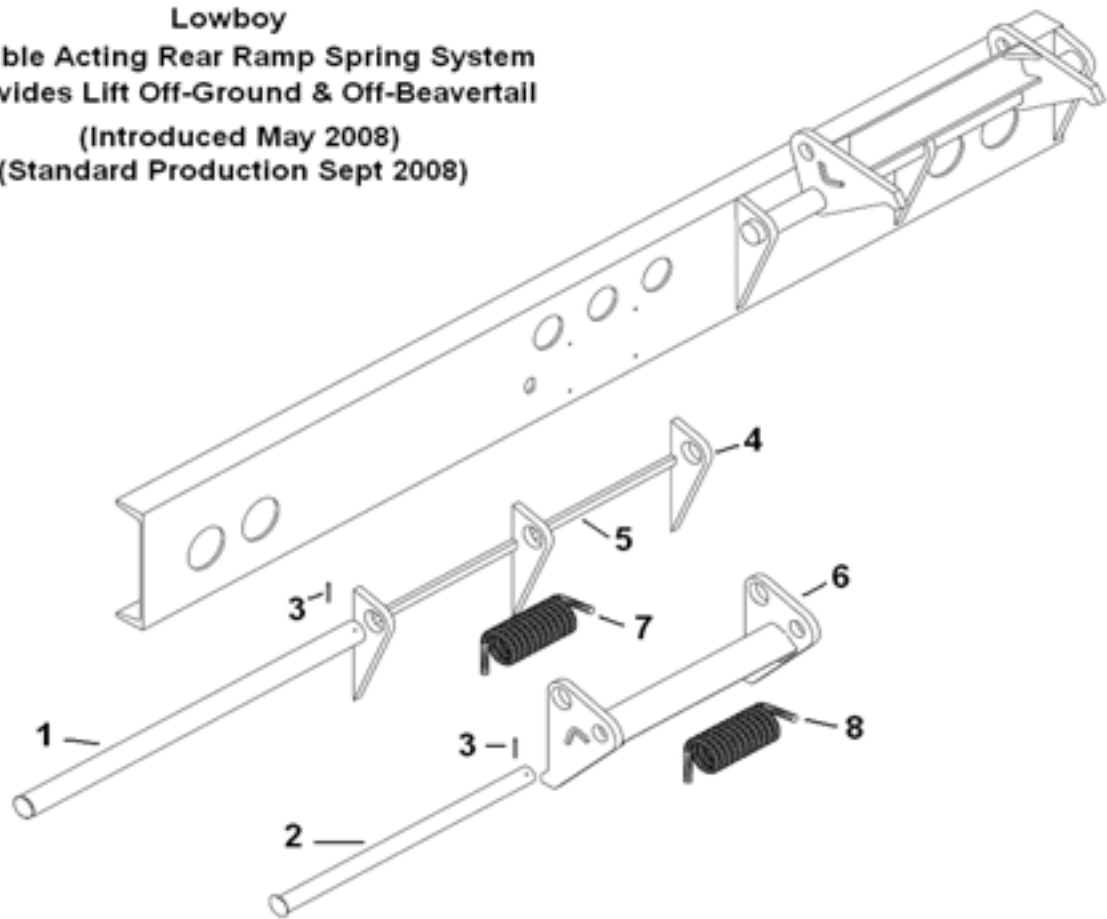
Lowboy Single Acting Rear Ramp Linkage - before September 2008



Item #	Part No	Alt Part No	Qty	Unit	Description
1	993880				BR Complete Linkage Assy
1A	143721	2060553	2	EA	Tailboard Fixed Linkage 1/2 X 4-5/8 X 11-3/4
1B	188205	2060866	1	EA	Tailboard Hinge Pin 2" Dia. X 32"
1C	993881	2059403			BR Moveable Link Assy (See Item # 2)
2	993881	2059403	1	EA	BR Moveable Link Assy (Includes Items 2A, 2B, 2C, 2D)
2A	143732		2	EA	Tailboard Movable Link 3/4 X 8.5X 11.125
2B	218010		1	EA	2" SCH 40 X 18-3/8 SEAMLESS PIPE
2C	143731		1	EA	Bar Link 1/2 X 4-1/2 X 8
2D	168089		2	EA	Tailboard Link Spring Stop 1/2 X 2X 1.75
3	991822	2054640	1	EA	1.5" Dia. x 22" Dia Ramp Bar Assy
4	402001	2059240	1	EA	Heavy Duty Double Spring
5	411601	2059020	1	EA	Roll Pin

**Lowboy
Double Acting Rear Ramp Spring System
Provides Lift Off-Ground & Off-Beavertail**

**(Introduced May 2008)
(Standard Production Sept 2008)**

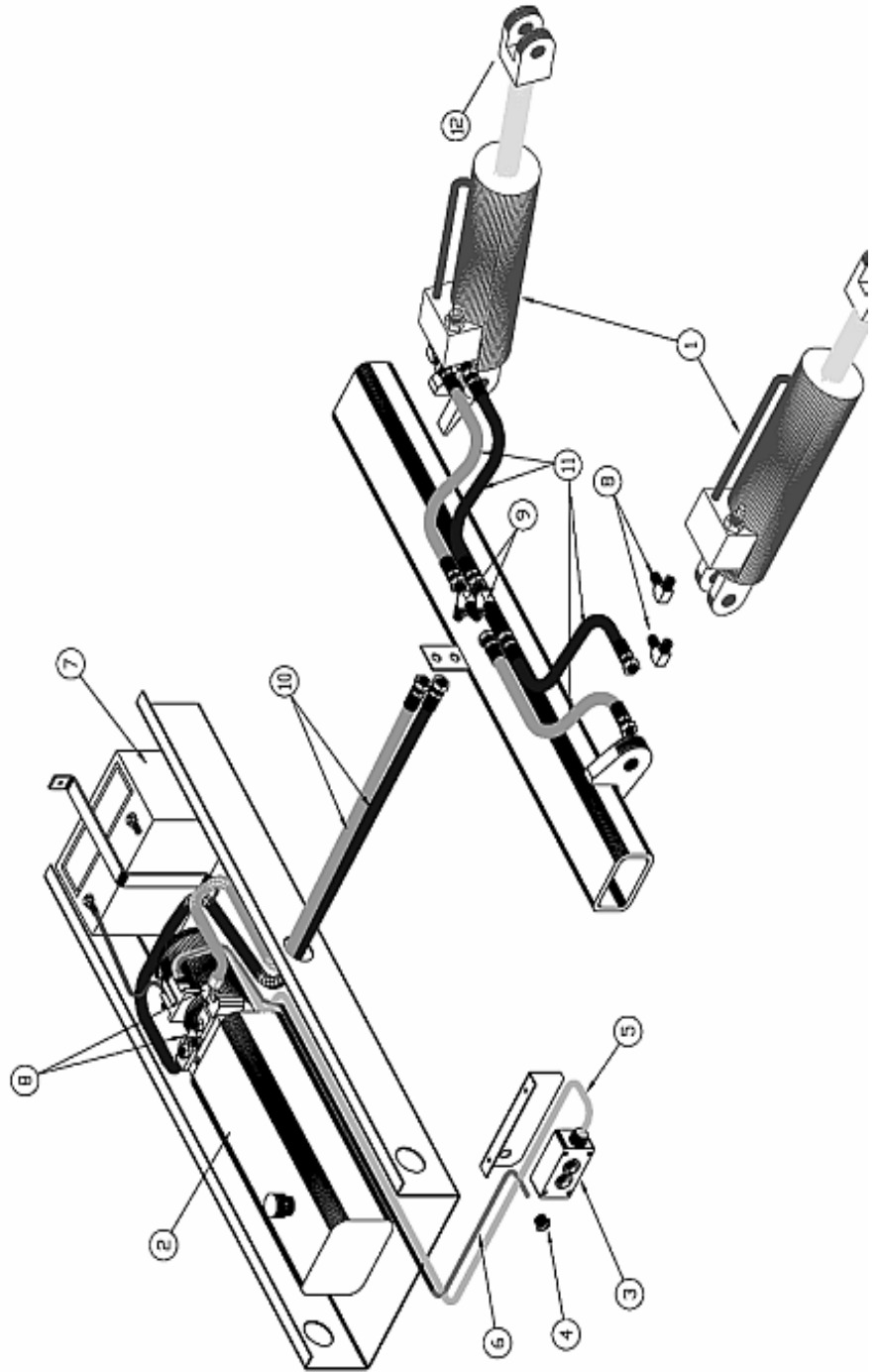


Item #	Part No	Alt Part No	Description
1	991877		2" Dia x 36.5" Ramp Bar
2	991876	2063220	1.5" Dia x 25" Ramp Bar
3	411601	2069020	5/16" Dia x 2/5" Roll Pin
4	173642		Tailboard Fixed Linkage
5	178509		1/2" x 3/4" x 17.5" Long Spring Stop
6	991863		Rotating Linkage
7	402021		Off-Ground Lift Spring (1 per Ramp)
8	402007	2062134	Off-Beavertail Lift Spring (3 per Ramp)

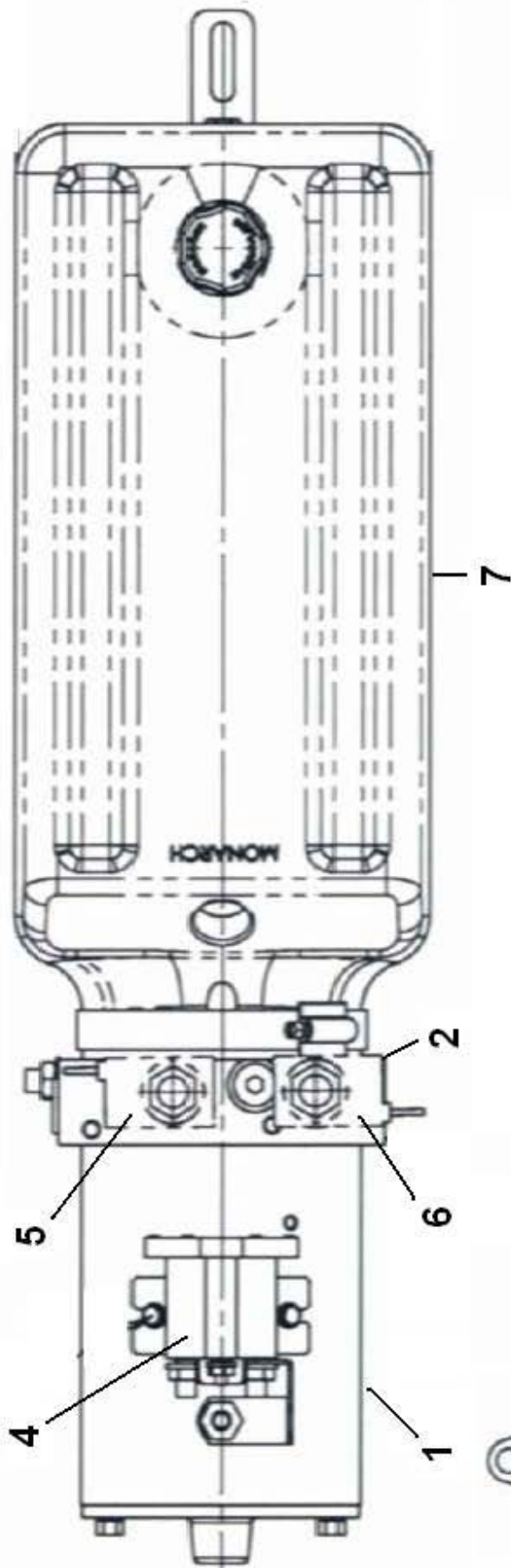
Eager Beaver Trailers

Electric Hydraulic Ramps with Counter Balance Lock (Since June 2007)

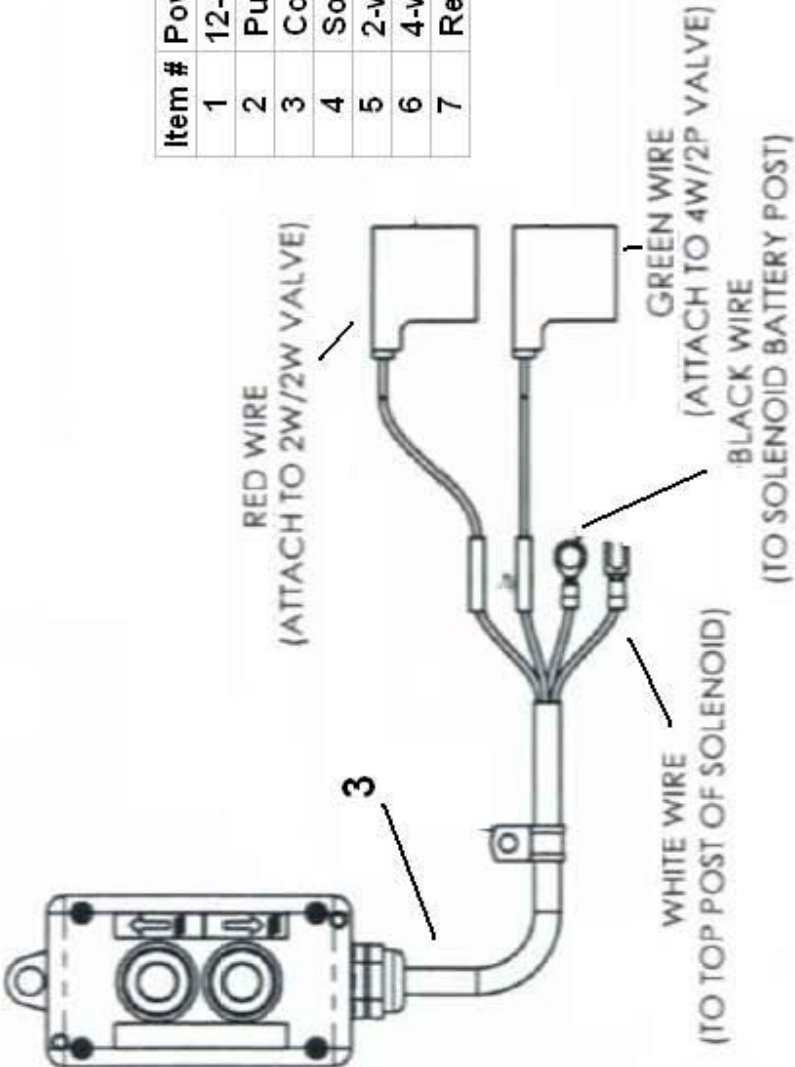
ITEM	DESCRIPTION	PN	NOTES
1	HYDRAULIC CYLINDER	371227	4" Bore x 11" Stroke with Counter Balance Valve
not shown	PACKING KIT FOR HYDRAULIC CYLINDER	Special Order	Prince PMCK-BH-0483
2	MONARCH M3551 MOTOR AND HYD PUMP	373002	
3	UP-DOWN CONTROL BOX	2057694	
4	ON-OFF SWITCH & KEY (Waterproof)	391921	Cole Hersee PN D-613 (After March 2008)
4	ON-OFF SWITCH & KEY (Non-waterproof)	2062205	Cole Hersee PN M-489 (Prior to March 2008)
5	CONTROL BOX HARNESS	Special Order	
6	HARNESS WITH DEUTSCH DT06-6S CONNECTOR	392612	Used with D-613 switch only (After March 2008)
7	BATTERY (WET CELL) (31DS)	Procure Locally	55 Amp Per hour
12	CLEVIS END WITH PIN	2062296	Also used on Lowboy Stinger Cylinder
not shown	SINGLE POLE PLUG - TRAILER CHARGE HARNESS	2057672	Cole Hersee PN 11042
not shown	SINGLE POLE RECEPTACLE - TOW VEHICLE	2057671	Cole Hersee PN 11041
	HYDRAULIC OIL	Procure Locally	All Purpose 10W Hydraulic Oil



Monarch Powerpack for Hydraulic Ramps



Item #	Powerpack Component	Monarch PN
1	12-VDC motor	8111
2	Pump	12171-250
3	Control Station	04334DH112-120
4	Solenoid Switch	17757
5	2-way cartridge valve	07193-D
6	4-way cartridge valve	00455-D
7	Reservoir	14168



Eager Beaver Trailers 25 - 60 Ton Lowboy Miscellaneous Parts 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
2060659	Truck Wiring Harness
2058065	Air Tank Remote Drain Valve
2062129	Oblong Reflector - Amber
2062130	Oblong Reflector - Red
2060735	Eager Beaver Trailers Mud Flap - White 24" x 18"
2063020	Roto-Ring™ Assembly
2054792	Weld-on HD Fixed D-Ring & Clip

Eager Beaver	Manufactured After 9/22/06	Manufactured Before 9/22/06
Standard Colors	PPG Color Code	Dupont Color Code
Yellow	FP827	H7947D
Red	FP703	77968D
Black	FP901	27742
Blue	*	24160
White	FP951	817A

* Custom Mixed Color, No Code Assigned