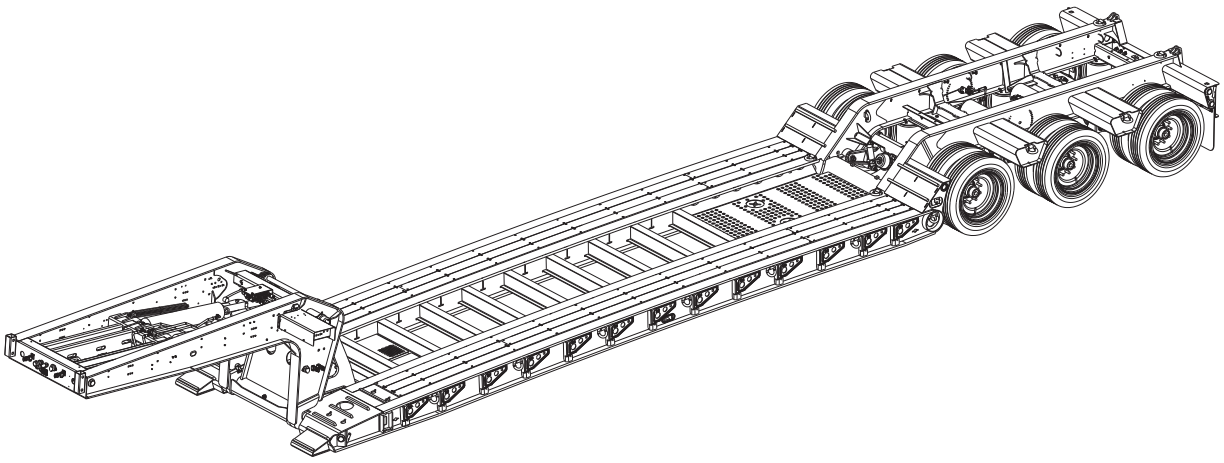
855F / 860F
Detachable Semitrailer
Parts Manual



LANDOLL COMPANY, LLC
1900 North Street
Marysville, Kansas 66508
(785) 562-5381
800-428-5655 ~ WWW.LANDOLL.COM

F-1123-2511

Instructions for Ordering Parts

**** Repair parts must be ordered through an Authorized Dealer ****

DEALER INSTRUCTIONS FOR ORDERING PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

Phone #: 800-423-4320 or 785-562-5381 **Fax #: 888-527-3909**

Order online: dealer.landoll.com

DATA PLATE

The Data Plate, which lists the model number and serial number, is located on the front of the frame.

SERIAL NUMBER

The following information will help decode the serial number.

AAABBBCDEFGHJJJJJ

AAA	= world manufacturer identifier
BBB	= model
C	= length
D	= axle type
E	= federal check digit

F	= model year
G	= plant of manufacture
H	= model version
JJJJJ	= serial number

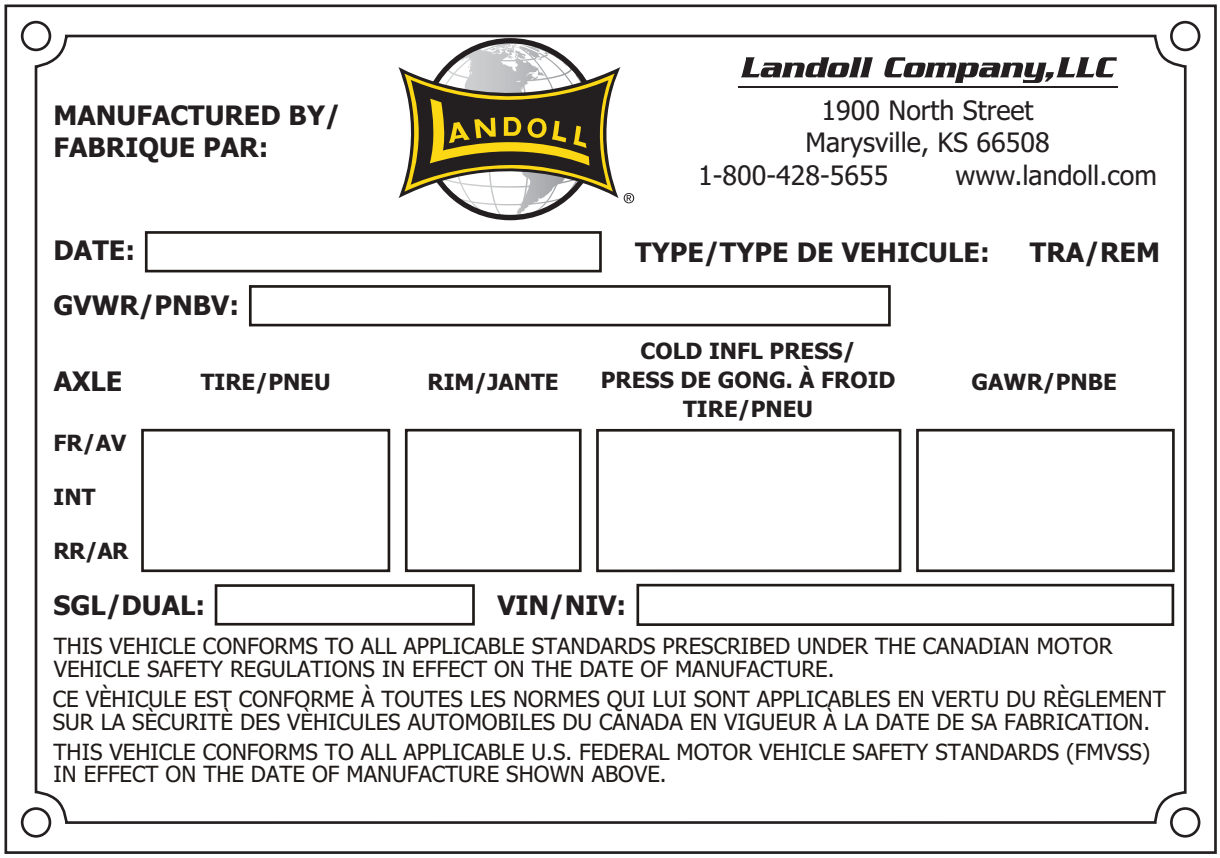


Figure: Data Plate

Manuals for 855F / 860F Detachable Semitrailer

Manual Number	Manual Type
F-1122	Operator's Manual
F-1123	Parts Manual

Table of Contents

1 Decal Placement

Gooseneck Assembly 1-1
Frame Assembly 1-5
Frame, Grease System 1-9
Frame, Flip Axle Assembly (Option) 1-11
Frame, Flip Beavertail Assembly (Option) 1-13
Ramp, Front Power (Option) 1-15
Winch Assembly (Option) 1-16

2 Gooseneck Assembly

Gooseneck Components, 10' 9" & 12' 5" Standard Duty 2-1
Gooseneck Components, Heavy Duty 2-7
Gooseneck Flip Extension & Support Components (Options) 2-13
Gooseneck Flip Extension, Hydraulic Pivot Hardware (Option) 2-15
Cover Assemblies, Aluminum, Diamond Plate (Options) 2-17
Mud Flap Components (Option) 2-19
Mud Flap & Fender Assemblies (Options) 2-21

3 Trailer Assembly

Frame Components 3-1
Cover, Trunnion Trough, Front (Option) 3-3
Cover, Trunnion Trough, Full Length, Flip (Options) 3-4
Cover, Trunnion Trough, Full Length, Hydraulic Flip (Options) 3-5
Decking, Frame, Bucket Trough, Wood (Option) 3-6
Decking, Frame, Center Section, Wood (Option) 3-7
Decking, Frame, Track Section, Wood 3-8
Decking, Trunnion Filler, Full Length, Wood (Options) 3-9
Decking, Trunnion Filler, Short Length, Steel (Option) 3-11
Decking, Trunnion Filler, Short Length, Wood (Option) 3-12
Mud Flap Components 3-13
Flag Bracket 3-14
Outrigger Extension, Swing Out 3-15
Outrigger Extension, Swing Out, Dropside 3-17
Wheel Covers, Individual Wheel, Poly (Options) 3-19
Wheel Covers, Individual Wheel, Steel (Options) 3-21
Wheel Covers, One-Piece, Steel (Options) 3-23

4 Flip Axle & Beavertail Assemblies (Options)

Flip Axle & Mud Flap Components (Option) 4-1
Flip Beavertail Components (Option) 4-5
Pivot Pins, Manual (Option) 4-7
Pivot Pins, Spring Back (Options) 4-9
Hydraulic Flip Axle, Pivot Hardware (Option) 4-11
Hydraulic Flip Beavertail, Pivot Hardware (Option) 4-13
Wheel Covers, Individual, Poly (Option) 4-15

Wheel Covers, Individual, Steel (Options) 4-17
Wheel Covers, One-Piece, Steel (Option) 4-19

5 Suspension Assembly

Axle 16.5 x 7 Drum Brakes 5-1
Axle 16.5 x 7 Drum and Hub Components 5-3
Axle 16.5 Disc Brakes & Hub Components (Option) 5-5
Axle Suspension, RLU 250FMT, 1st Axle 5-9
Axle Suspension, RLU 250-9-4, 2nd / 3rd / Flip Axle 5-13
Axle Suspension, LSS-25K-9.0RLY, 1st Axle (Option) 5-17
Axle Suspension, LSS-25K-9.0RL CC, 1st Axle (Option) 5-19
Axle Suspension, LSS-25K-9.0RLU, 2nd / 3rd / Flip Axle (Option) 5-21
Axle Suspension, LSS-25K-9.0RLU CC, 2nd / 3rd / Flip Axle (Option) 5-23
Shock Strap, Limit, RLU 250-9-4 (Option) 5-25
Shock Strap, Limit, LSS-25K-9.0 (Option) 5-26
Suspension, Ride Height Control 5-27
Suspension, Axle Lift, Air (Option) 5-29
Tire and Wheel Assemblies, 22.5 x 8.25 Rim 5-31

6 Power Unit, Hydraulic (Options)

Engine, Kohler 25HP EFI, Gasoline, Assembly 6-1
Engine Assembly, Kohler 25HP, Mount 6-9
Engine, Kohler 25HP, Mount W/Winch 6-11
Wet Kit, Tractor Hydraulic 6-13

7 Ramp Assemblies

Front, Pin On, 16" 7-1
Front, Pin On, 24" Flip (Option) 7-2
Front, Pin On, Bi-Fold, Track Section (Option) 7-3
Front, Tri-Stack, Center Section & Storage (Options) 7-5
Front, Power Ramp (Option), Covers & Mounting Hardware 7-9
Front, Power Ramp (Option), Drive System 7-11
Front, Power Ramp (Option), Lift System 7-13
Trunnion, Full Width (Option) 7-15
Trunnion, Ladder, 5.5 FT, Aluminum (Option) 7-17
Trunnion, Track Section (Option) 7-18
Beavertail Ramps, Hydraulic Lift (Options) 7-19
Beavertail Ramps, Manual Lift (Options) 7-23

8 Retrieval System (Options)

Anchor Installation, Rear Bumper, Trailer & Flip Axle 8-1
Gooseneck, Winch Installation, Braden 20/30K, 2 Speed 8-3
Gooseneck, Winch Installation, Ramsey 20K, 2 Speed 8-5
Gooseneck, Winch Installation, Warn 20/30K, 2 Speed 8-7
Winch Assembly, Warn 20K/30K, 2 Speed 8-9
Winch Components, Braden 20K, 2 Speed 8-11
Winch Components, Braden 30K, 2 Speed 8-17
Winch Components, Ramsey 20K, 2 Speed 8-21

Winch Components, Ramsey 30K, 2 Speed 8-25
Winch Components, Warn 20K, 2 Speed 8-27
Winch Components, Warn 30K, 2 Speed 8-29

9 Storage and Tie Down (Options)

Storage, Gooseneck Carrier, Rack, Chain & Binder (Option) 9-1
Storage, Gooseneck Spare Tire Mount, 22.5 Rim, Standard (Option) 9-2
Storage, Gooseneck Toolbox, Curbside 24H X 22D X 14W (Option) 9-3
Storage, Frame, Front Center, Bolt-In Floor (Options) 9-5
Storage, Frame, Front Center, Weld-In Floor (Options) 9-7
Storage, Frame, Outrigger Plank (Options) 9-9
Tie Down, D-Ring Bolt On (Options) 9-11

10 System, Air

Gooseneck Assembly, 10' 9' & 12' 5" Standard Duty 10-1
Gooseneck Assembly, Heavy Duty 10-7
Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option) 10-13
Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option) 10-15
Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option) 10-17
Anti-Lock Brake System, 855 & 860 10-19
Anti-Lock Brake System, Flip Axle Assembly (Option) 10-25
Control, Ride Height (Before 10/12/23) 10-29
Control, Ride Height (After 10/12/23) 10-33
Control, Air Suspension Ride Height, Flip Axle Assembly (Option) 10-37
Scale, Air Pressure Gauge Assembly (Option) 10-39
Scale, Digital, Loadmaxx Plus & Quickload Plus (Option) 10-41
Suspension, Air Dump (Option) 10-43
Suspension Lift, 3rd Axle (Option) (Before 12/01/2023) 10-45
Suspension Lift, 3rd Axle (Option) (After 12/01/2023) 10-47
Tire Inflation System (Option) 10-49
Tire Inflation System, Flip Axle Assembly (Option) 10-55
Cylinder Components, Gooseneck Load Carrier, 1-3/4 10-57

11 System, Electrical

Gooseneck Assembly, Standard Duty & Heavy Duty 11-1
Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options) 11-5
Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option) 11-11
Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option) 11-13
Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option) 11-15
Frame, Harness and Lights (Before 03/01/2022) 11-17
Frame, Harness and Lights (After 03/01/2022) 11-23
Frame, Trunnion Lights, Pullout Markers (Option) 11-29
Flip Axle, Harness and Lights (Option) 11-33
Flip Beavertail, Harness and Lights (Option) 11-37
Flip Beavertail & Ramp, Dual Hydraulic Flip (Option) 11-41
Anti-Lock Brake & Power Supply 11-43
Bumper Strobe, Battery Backup (Option) 11-45
Light Assembly, License Plate 11-47

Ramp, Front Power (Option) 11-49
Remote Control, Wireless, Brand (Option) 11-51
Remote Control, Kit Components, Brand (Option) 11-52
Tire Inflation System (Option) 11-53

11 System, Grease

Gooseneck Assembly, Standard Duty & Heavy Duty 11-1
Frame, Axle Drum Brake Camshafts 11-3
Flip Axle Drum Brake Camshafts 11-7

12 System, Hydraulic

Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty 12-1
Gooseneck Assembly, Heavy Duty 12-5
Gooseneck Flip Extension, Hydraulic (Option) 12-9
Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option) 12-11
Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option) 12-13
Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option) 12-15
Flip Axle, Hydraulic Components (Option) 12-17
Flip Beavertail, Hydraulic Components (Options) 12-21
Ramp Assembly, Flip Ramps, Beavertail (Option) 12-25
Ramp Assembly, Front Power (Option) (Before 12/16/2021) 12-27
Ramp Assembly, Front Power (Option) (After 12/16/2021) 12-29
Cylinder Components, Gooseneck, Standard Duty 7 x 34 (Carlson) 12-33
Cylinder Components, Gooseneck, Standard Duty 7 x 34 (Prince) 12-34
Cylinder Components, Gooseneck Heavy Duty 8 x 36 12-35
Cylinder Components, Flip Axle / Beavertail / Extension 4 x 20 (Option) . . 12-37
Cylinder Components, Flip Ramps, Beavertail 2-1/2 x 8 (Option) 12-39
Cylinder Components, Ramp, Power 2 x 8 (Option) 12-40
Valve Components, 3 Spool Solenoid 12-41
Coupler Kit, Hydraulic, Replacement & Repair 12-42

13 Safety Systems

Banners, Flags, Warning Lights (Options) 13-1
Banner, Bumper Support Frame, Wide 13-3
Banner Mount, Flip Axle Assembly 13-4

14 Glossary

15 Index

Decal Placement

Gooseneck Assembly

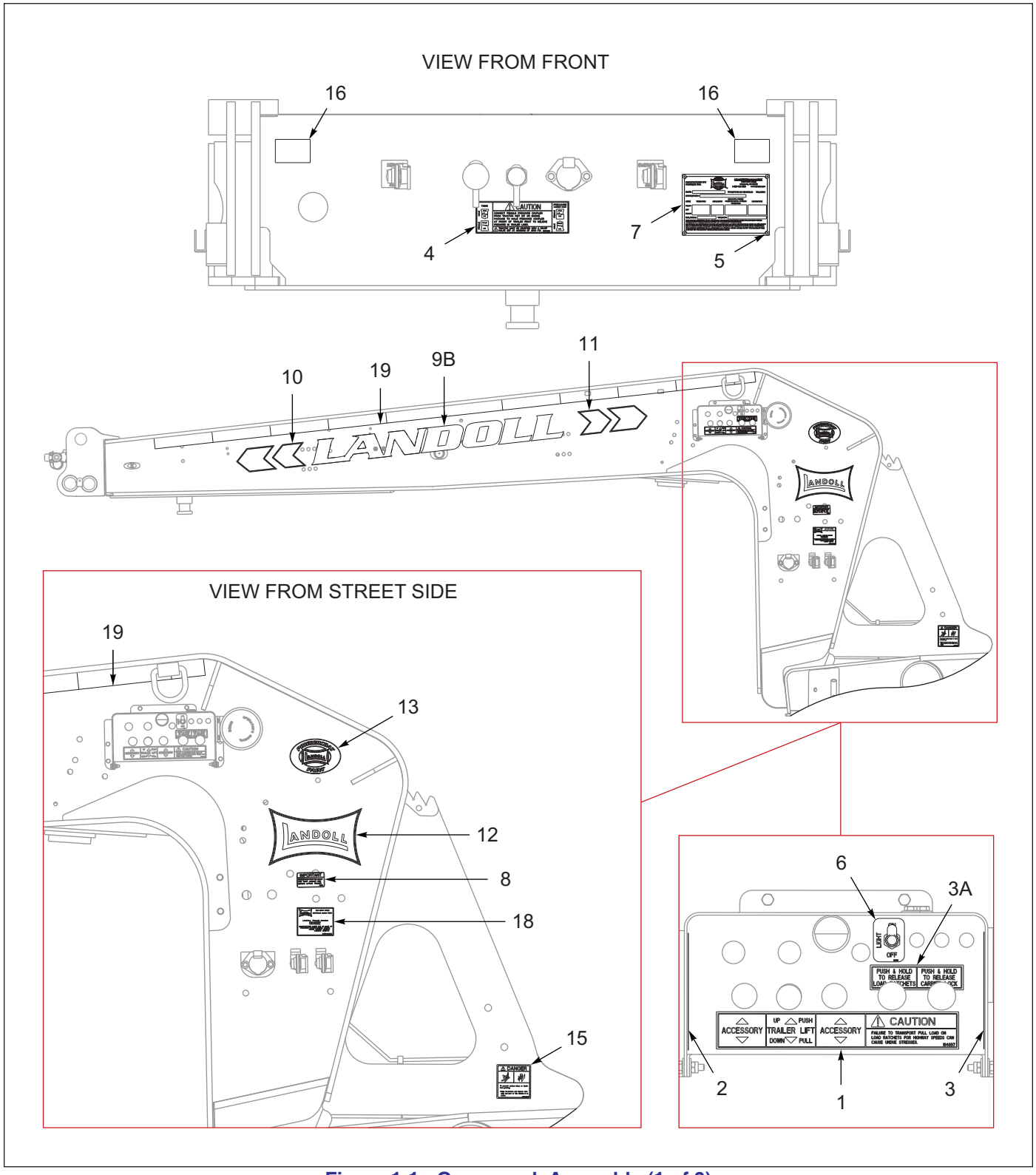
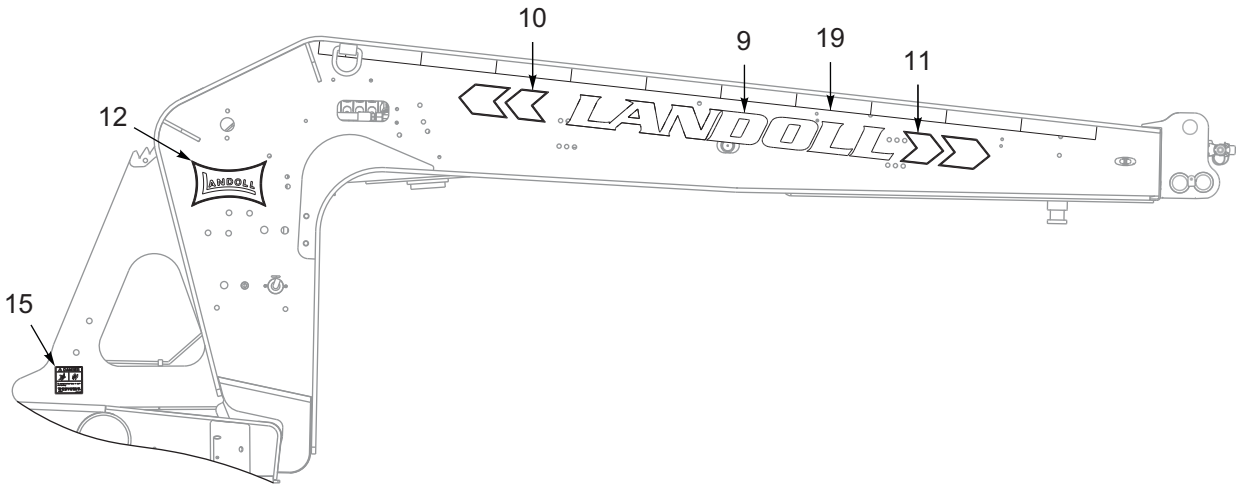


Figure 1-1: Gooseneck Assembly (1 of 3)

VIEW FROM CURB SIDE



VIEW OF GOOSENECK REAR

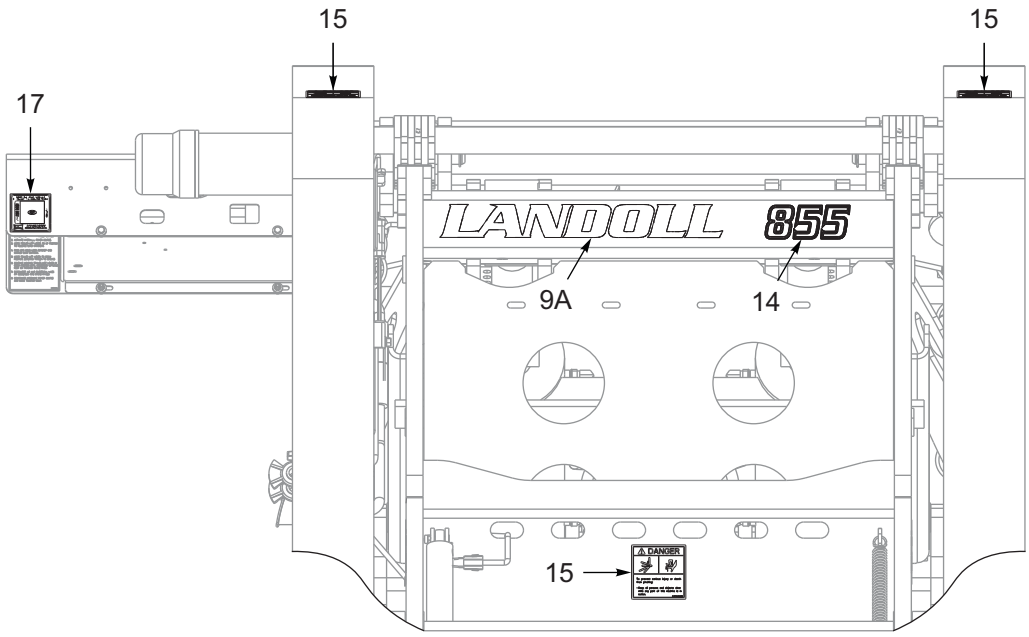


Figure 1-2: Gooseneck Assembly (2 of 3)

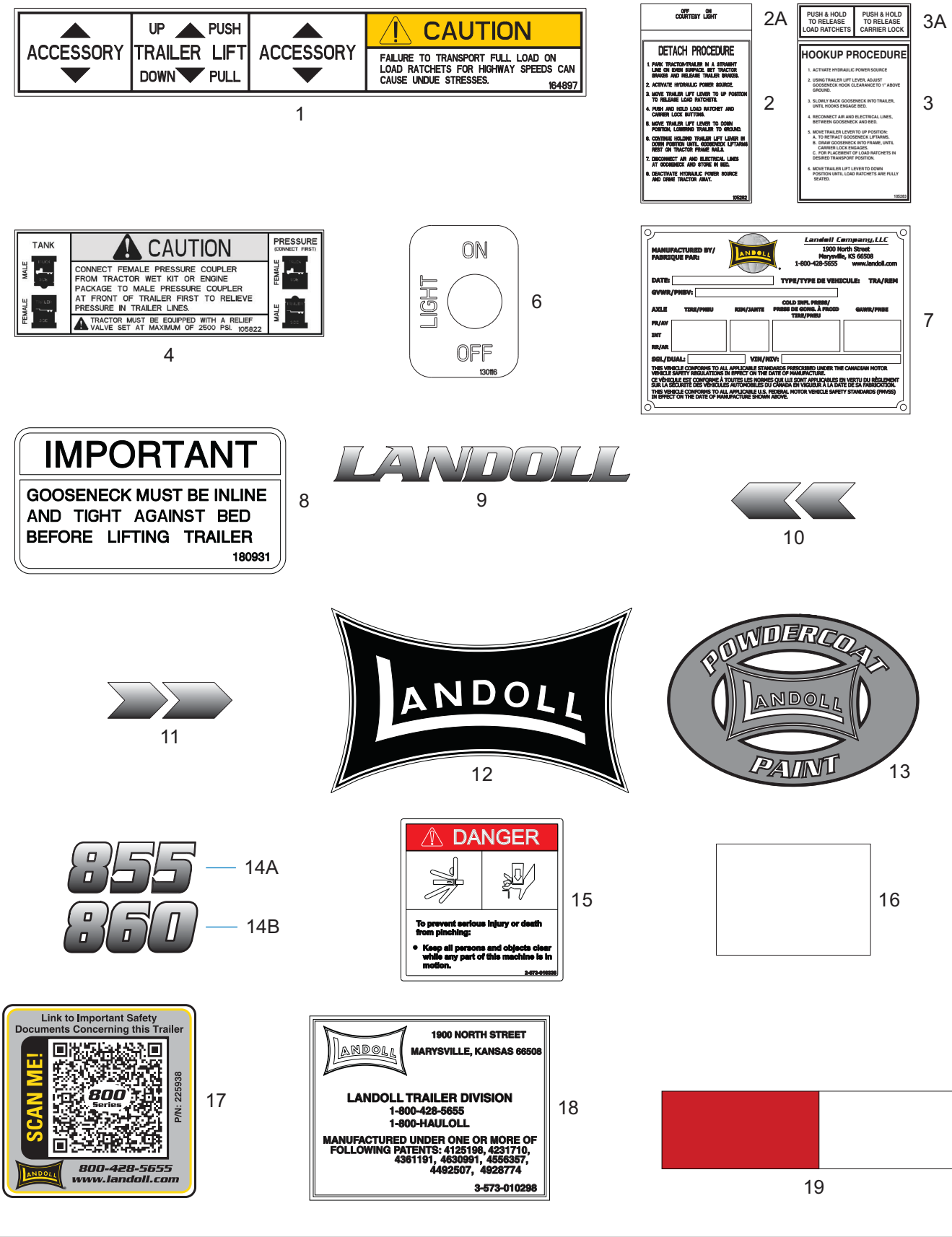


Figure 1-3: Gooseneck Assembly (3 of 3)

Gooseneck Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	208712	DECAL INSTL, 855E G/N **(STANDARD & HEAVY DUTY)**	- -
	227529	DECAL INSTL, 860F G/N **(HEAVY DUTY)**	- -
1	164897	DECAL 855 CONTROLS	1
2	105282	DECAL 825 DETACH PROCEDURE **(2 IN 1 DECAL, ITEM 2A - NOT USED)**	1
3	105283	DECAL 825 HOOKUP PROCEDURE **(2 IN 1 DECAL, ITEM 3A - USED)**	1
4	105822	DECAL, HYD COUPLER **(BEFORE 03/01/2022 REQ 1) (AFTER 03/01/2022 NO LONGER USED)**	1
5	156010	RIVET, BLIND .156X1/2GRIP	4
6	130116	DECAL, ON/OFF LIGHT **(SOLD SEPERATELY)**	1
7	155780	TRAILER VIN PLATE	1
8	180931	DECAL, 800 G/N CONNECTION	1
9	196167	DECAL LANDOLL SMALL **(9A, 21" LONG)**	1
9	196174	DECAL LANDOLL LARGE **(9B, 42" LONG)**	2
10	199721	DECAL ARROW LARGE 2LH	2
11	199720	DECAL ARROW LARGE 2RH	2
12	192208	DECAL BOWTIE 6-3/4 X 11	2
13	196173	DECAL POWDERCOAT SMALL **(POWDER COAT TRAILERS ONLY)**	1
14	199177	DECAL 855 TRAILER **(14A, 855)**	1
14	227527	DECAL 860 TRAILER 2-1/2" **(14B, 860)**	
15	2-573-010335	DECAL, DANGER PINCHING	5
16	202578	REFLEXITE WHITE 3" LENGTH	2
17	225938	DECAL, QR CODE 800 SERIES	1
18	3-573-010298	DECAL, PATENT	1
19	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)**	228

Frame Assembly

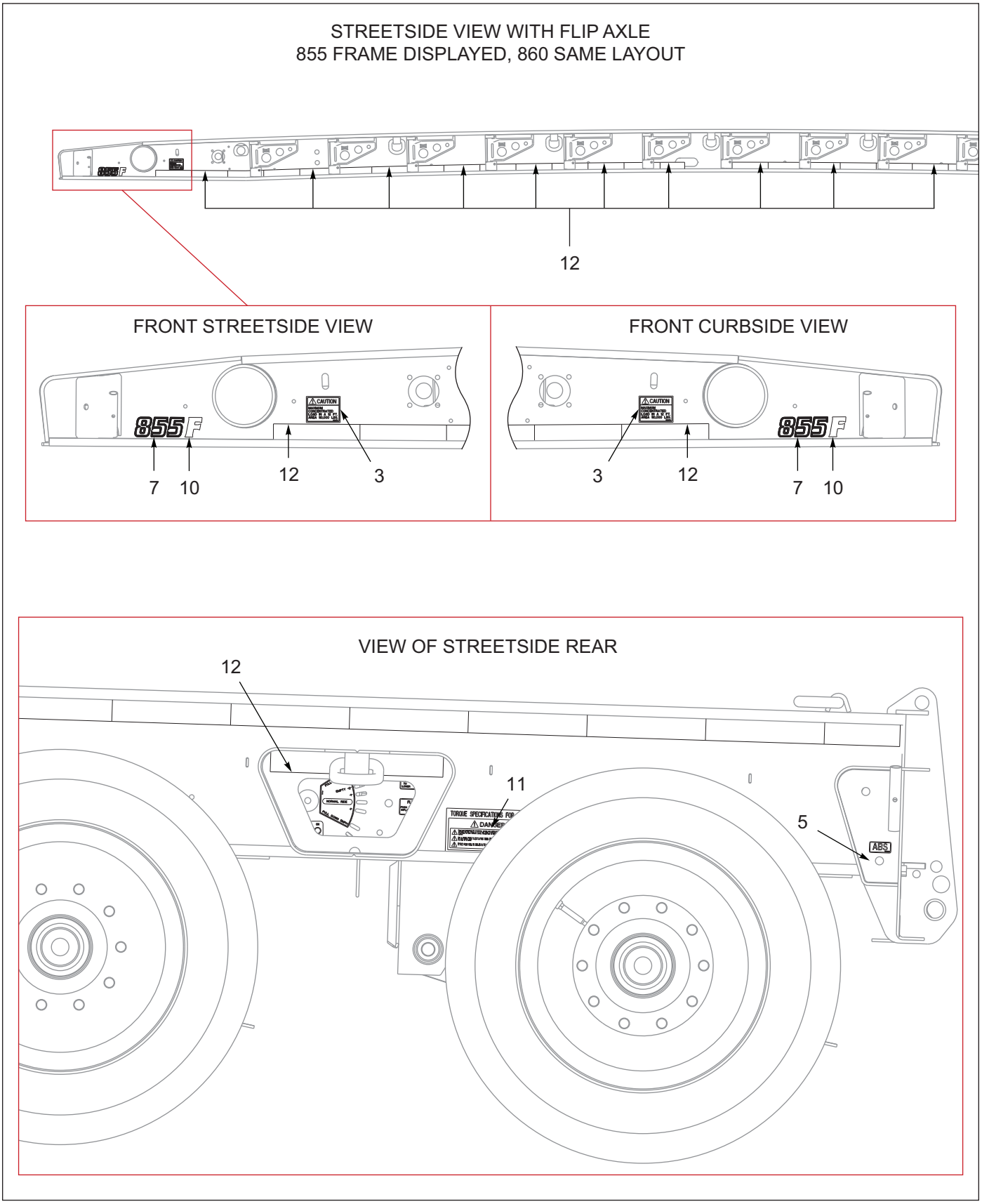


Figure 1-4: Frame Assembly (1 of 3)

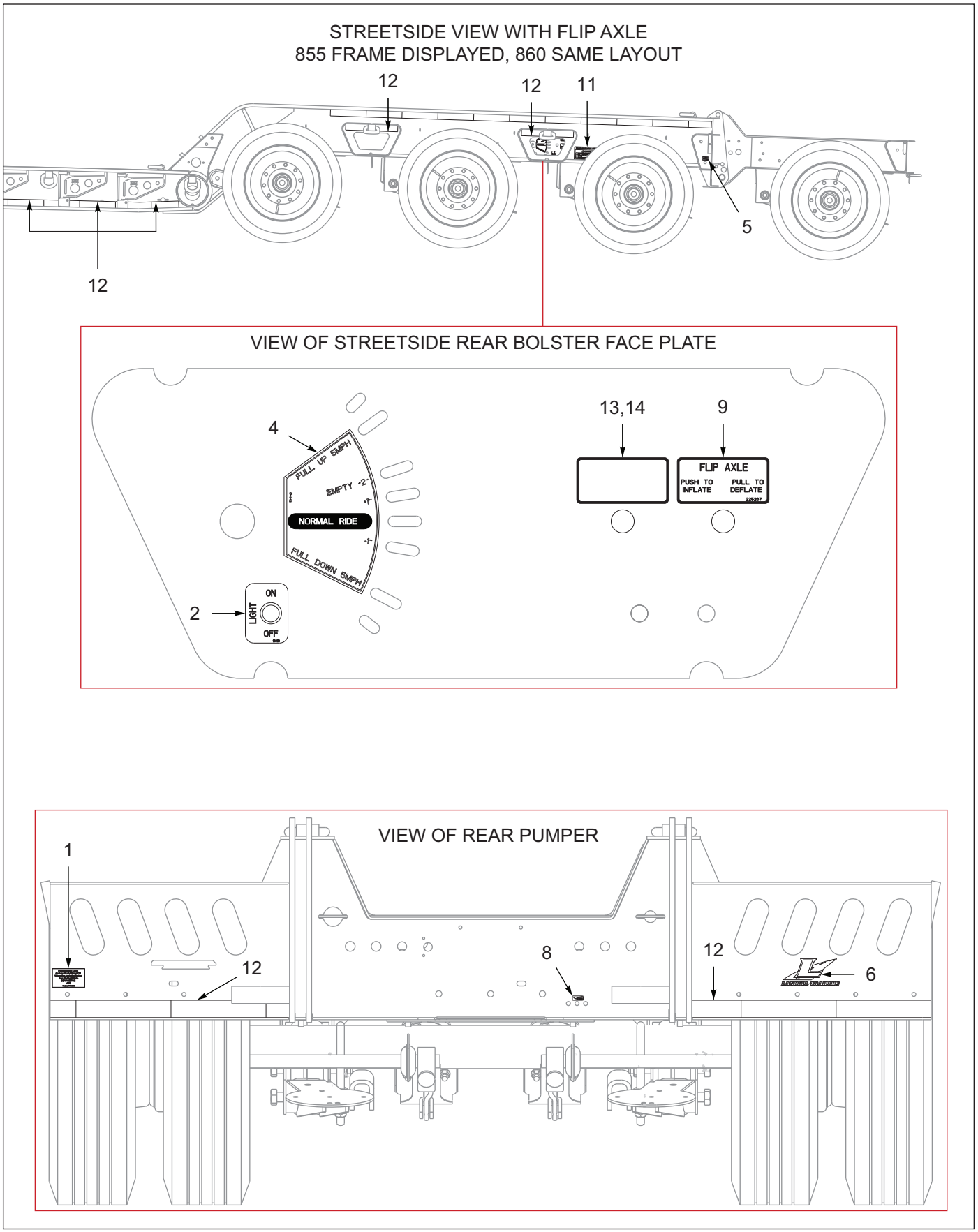


Figure 1-5: Frame Assembly (2 of 3)

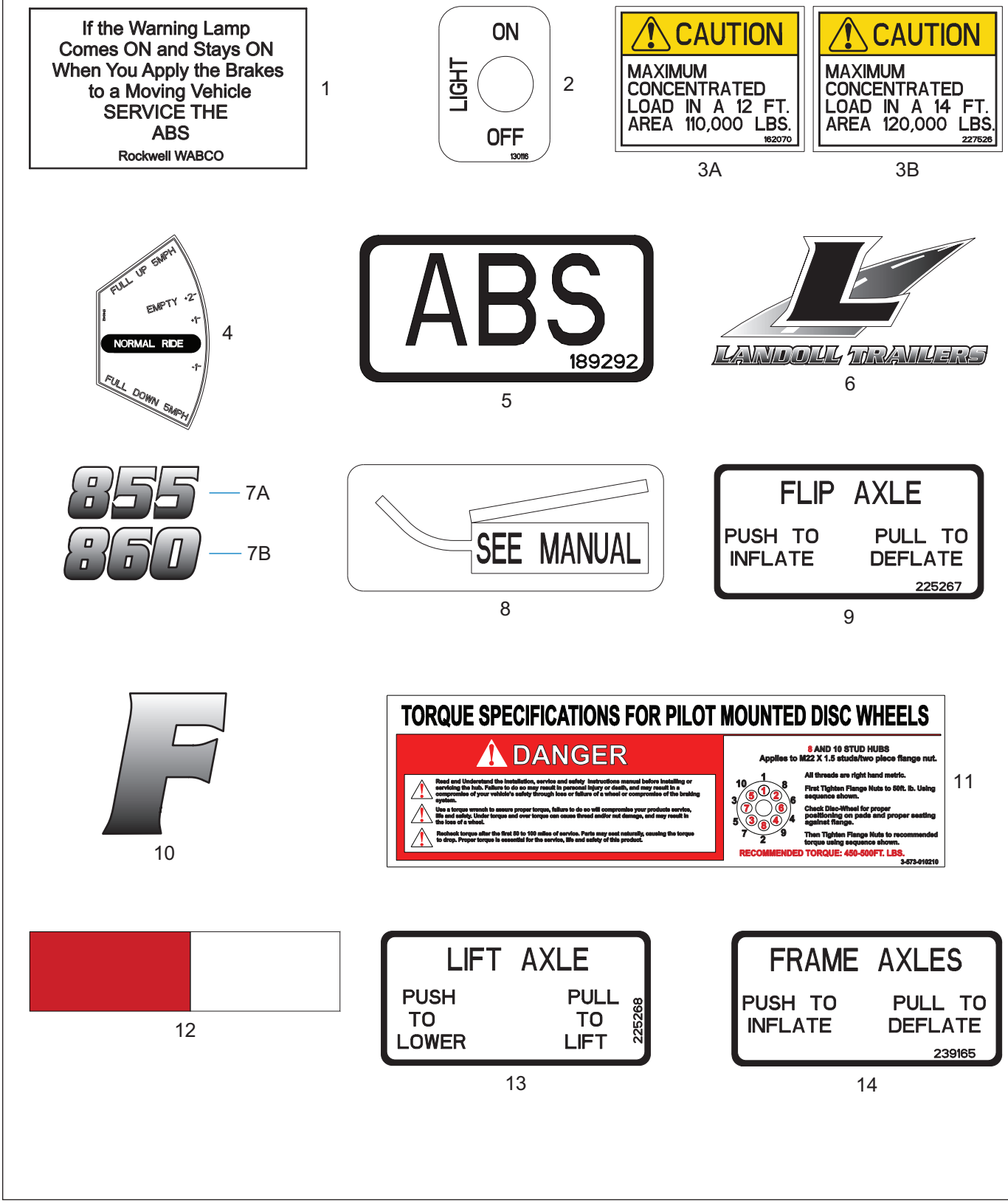


Figure 1-6: Frame Assembly (3 of 3)

Frame Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227046	DECAL INSTL, 855F	- -
	227530	DECAL INSTL, 860F	- -
1	101855	WARNING LAMP LABEL,ABS	1
2	130116	DECAL, ON/OFF LIGHT **(STROBE)**	1
3	162070	DECAL CAUT 110K/12FT CON LOAD **(3A, 855)**	2
3	227526	DECAL CAUT 120K/14FT CONC LOAD **(3B, 860)**	2
4	174042	DECAL, RIDE RAISE/LOWER	1
5	189292	DECAL, ABS, WHITE	1
6	196165	DECAL HIGHWAY L	1
7	199177	DECAL 855 TRAILER **(7A, 855)**	2
7	227527	DECAL 860 TRAILER 2-1/2" **(7B, 860)**	2
8	2-573-010330-04	DECAL LUBRICATION, SEE MANUAL	1
9	225267	DECAL,DEFLATE FLIP AXLE	1
10	225272	DECAL, F 2-1/2	2
11	3-573-010210	DECAL TORQUE SPEC 8-10STU HUB	1
12	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)**	778
13	225268	DECAL,LIFT AXLE OPER **(LIFT AXLE OPTION ONLY)**	1
14	239165	DECAL,DEFLATE FRAME AXLES **(SUSPENSION AIR DUMP OPTION ONLY)**	1

Frame, Grease System

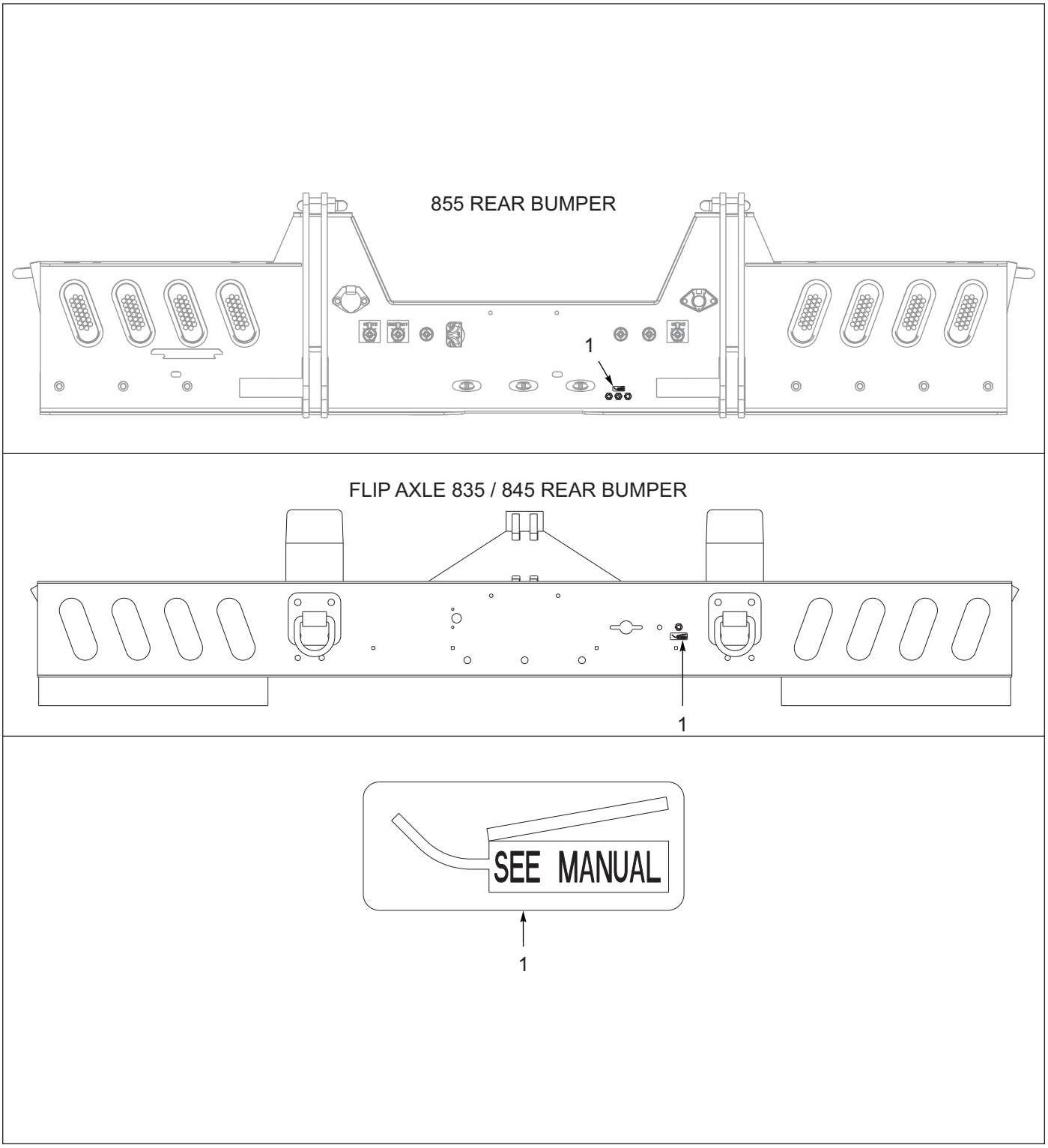


Figure 1-7: Frame, Grease System

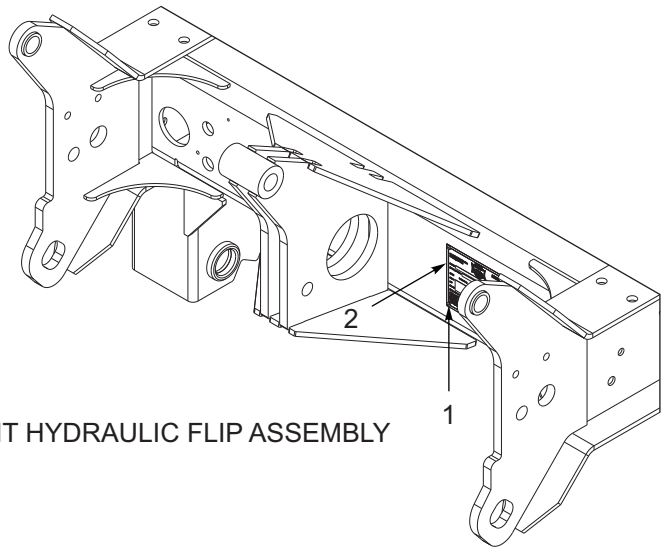
Frame, Grease System

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	2-573-010330-04	DECAL LUBRICATION, SEE MANUAL	1

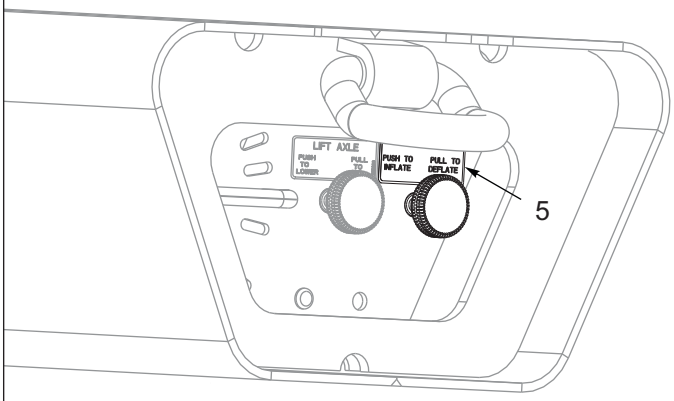
Table provided for general use.

NOTES:

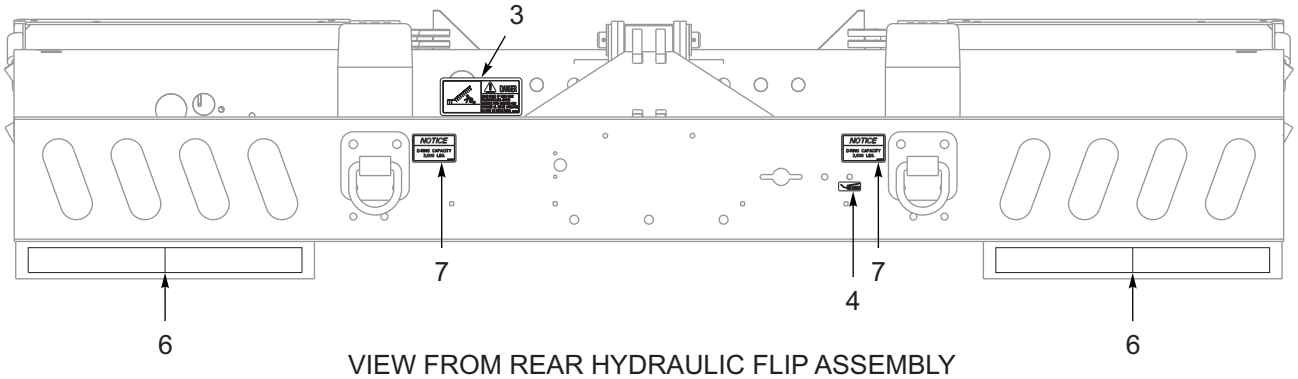
Frame, Flip Axle Assembly (Option)



VIEW FROM STREETSIDE FRONT HYDRAULIC FLIP ASSEMBLY



VIEW OF TRAILER STREETSIDE REAR BOLSTER



VIEW FROM REAR HYDRAULIC FLIP ASSEMBLY

Figure 1-8: Frame, Flip Axle Assembly (Option) (1 of 2)

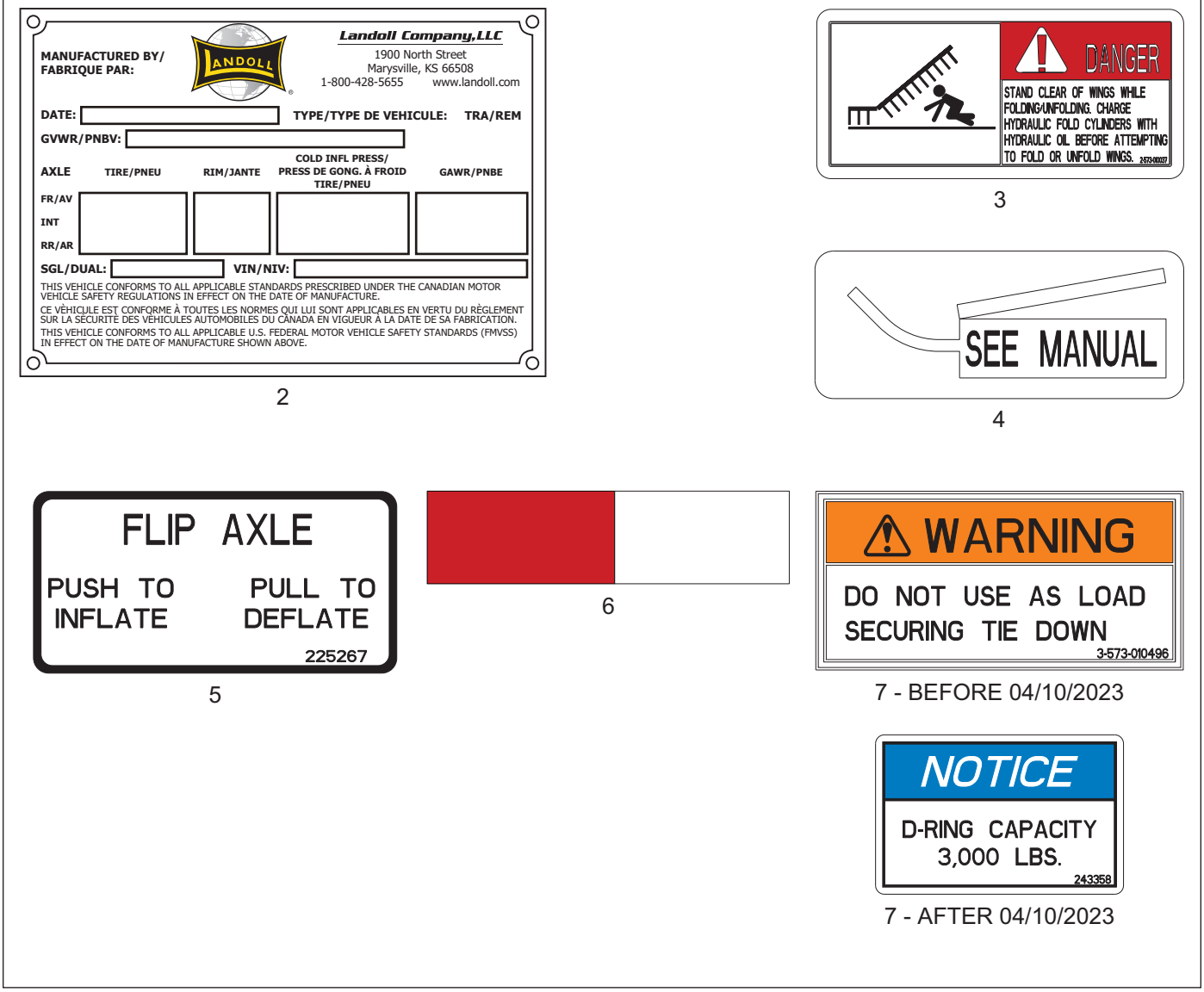


Figure 1-9: Frame, Flip Axle Assembly (Option) (1 of 2)

Frame, Flip Axle Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	218803	FLIP ASSY 800F-60"-102" **(WINCH FLIP REQUIRES ITEMS 6-7)**	- -
	218808	FLIP ASSY 800F-60"-102" HYD **(HYDFLIP REQUIRES ITEMS 1-7)**	- -
1	156010	RIVET, BLIND .156X1/2 GRIP	4
2	155780	TRAILER VIN PLATE	1
3	2-573-010037	DECAL, DANGER, WING **(LOCATED ON REAR TRAILER BUMPER)**	1
4	2-573-010330-04	DECAL LUBRICATION, SEE MANUAL	1
5	225267	DECAL,DEFLATE FLIP AXLE	1
6	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)**	48
7	3-573-010496	DECAL WARNING TIE DOWN **(BEFORE 04/10/2023)**	2
7	243358	DECAL NOTICE D-RING CAPACITY **(AFTER 04/10/2023)**	2

Frame, Flip Beavertail Assembly (Option)

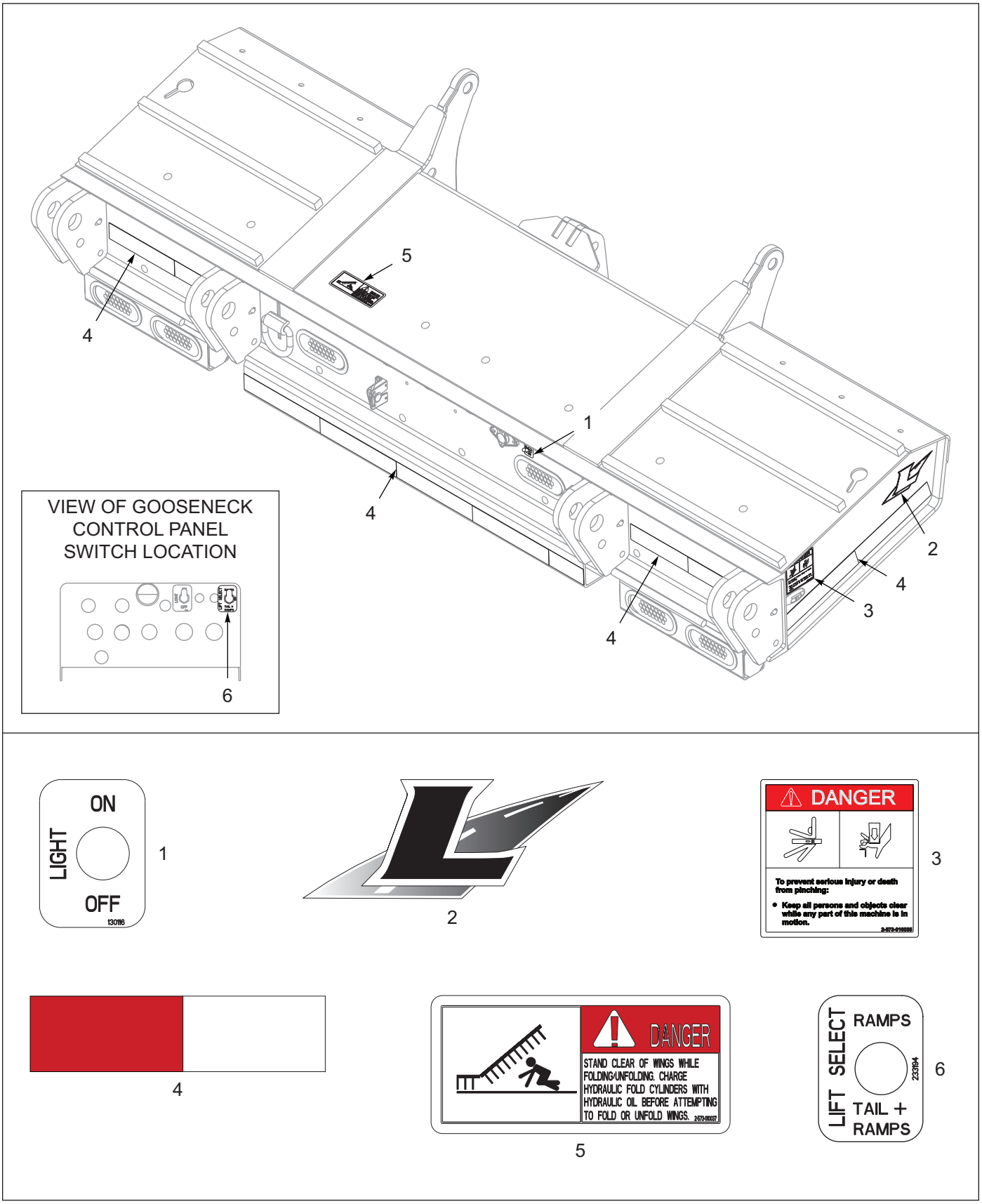


Figure 1-10: Frame, Flip Beavertail Assembly (Option)

Frame, Flip Beavertail Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228658	PIN-ON B/T ASSY 800 PAINTED	- -
	228659	PIN-ON B/T ASSY 800 GALV	- -
	228668	PLUMBING RAMPS MACK 35T HYD **(HYDRAULIC FLIP RAMPS)**	- -
	228669	PLUMBING FLIP B/T, HYD RAMPS **(HYDRAULIC FLIP BEAVERTAIL & RAMPS)**	- -
1	130116	DECAL, ON/OFF LIGHT **(STROBE)**	1
2	192205	DECAL HWY L, 7-3/8 X 2-7/8	2
3	2-573-010335	DECAL, DANGER PINCHING	2
4	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)**	129
5	2-573-010037	DECAL, DANGER, WING **(HYDRAULIC FLIP RAMPS ONLY)**	1
6	233194	DECAL, LIFT SELECT, RAMPS/TAIL **(DUAL HYDRAULIC LIFT BEAVERTAIL AND RAMPS ONLY)**	1

Ramp, Front Power (Option)

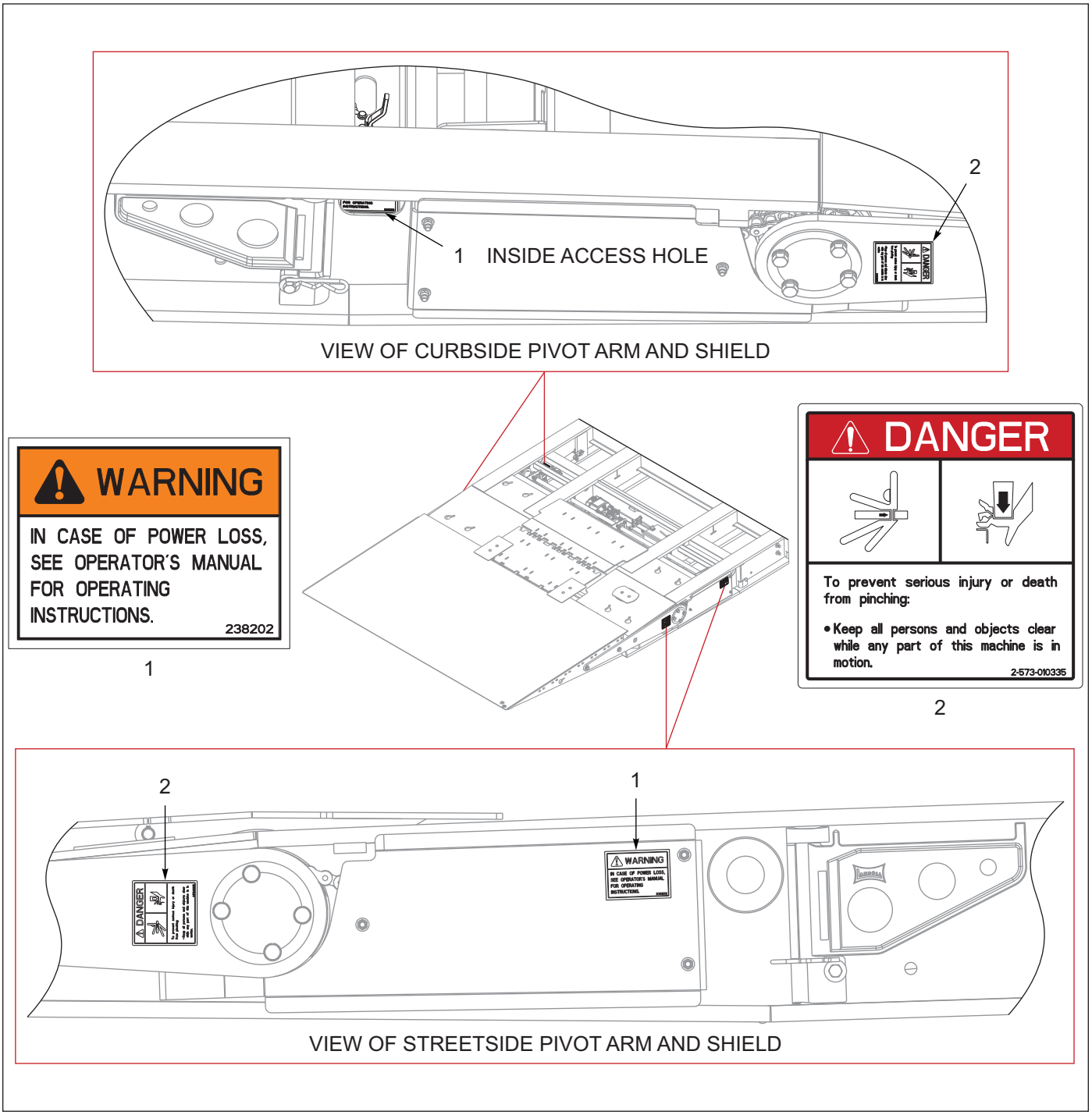


Figure 1-11: Ramp, Front Power (Option)

Ramp, Front Power (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210060	RAMP INSTL 855 P/C TRL CLR **(LONG RAMP)**	- -
	226416	SHRT RMP INSTL PWR 855 CON/PAV **(SHORT RAMP)**	- -
1	238202	DECAL WARNING POWER LOSS	2
2	2-573-010335	DECAL, DANGER PINCHING	2

Winch Assembly (Option)

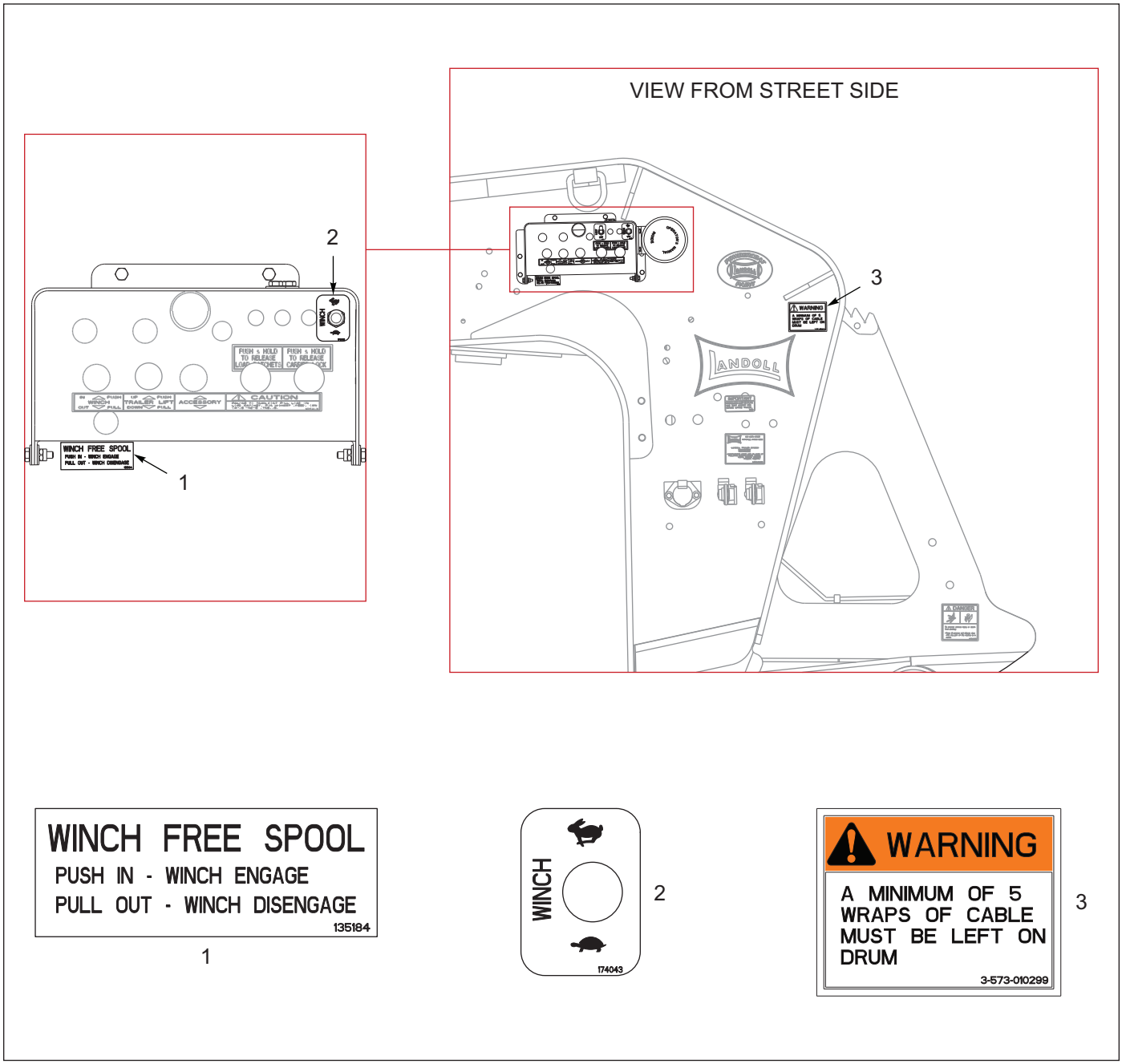


Figure 1-12: Winch Assembly (Option)

Winch Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	245567	WINCH INSTL 20K BRADEN 2S 855E	- -
	242730	WINCH INSTL 20K RAMSEY 855E	- -
	212154	WINCH INSTL 20K WARN 855E	- -
	205329	WINCH INSTL 30K WARN 855E	- -
1	135184	DECAL, WINCH FREE SPOOL	1
2	174043	DECAL, WINCH, HI/LO	1
3	3-573-010299	DECAL, WARNING WINCH CABLE	1

Gooseneck Assembly

Gooseneck Components, 10' 9" & 12' 5" Standard Duty

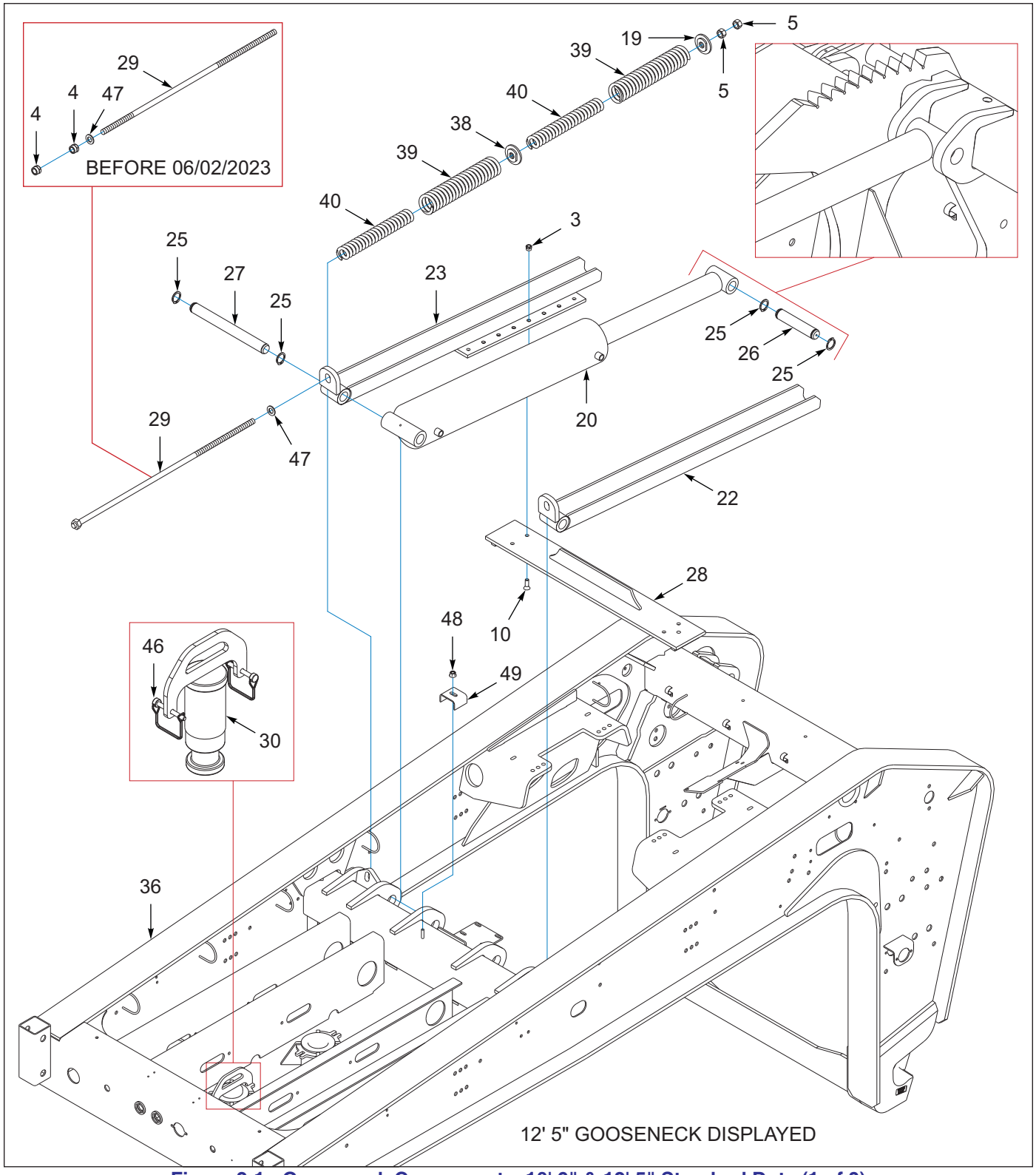


Figure 2-1: Gooseneck Components, 10' 9" & 12' 5" Standard Duty (1 of 3)

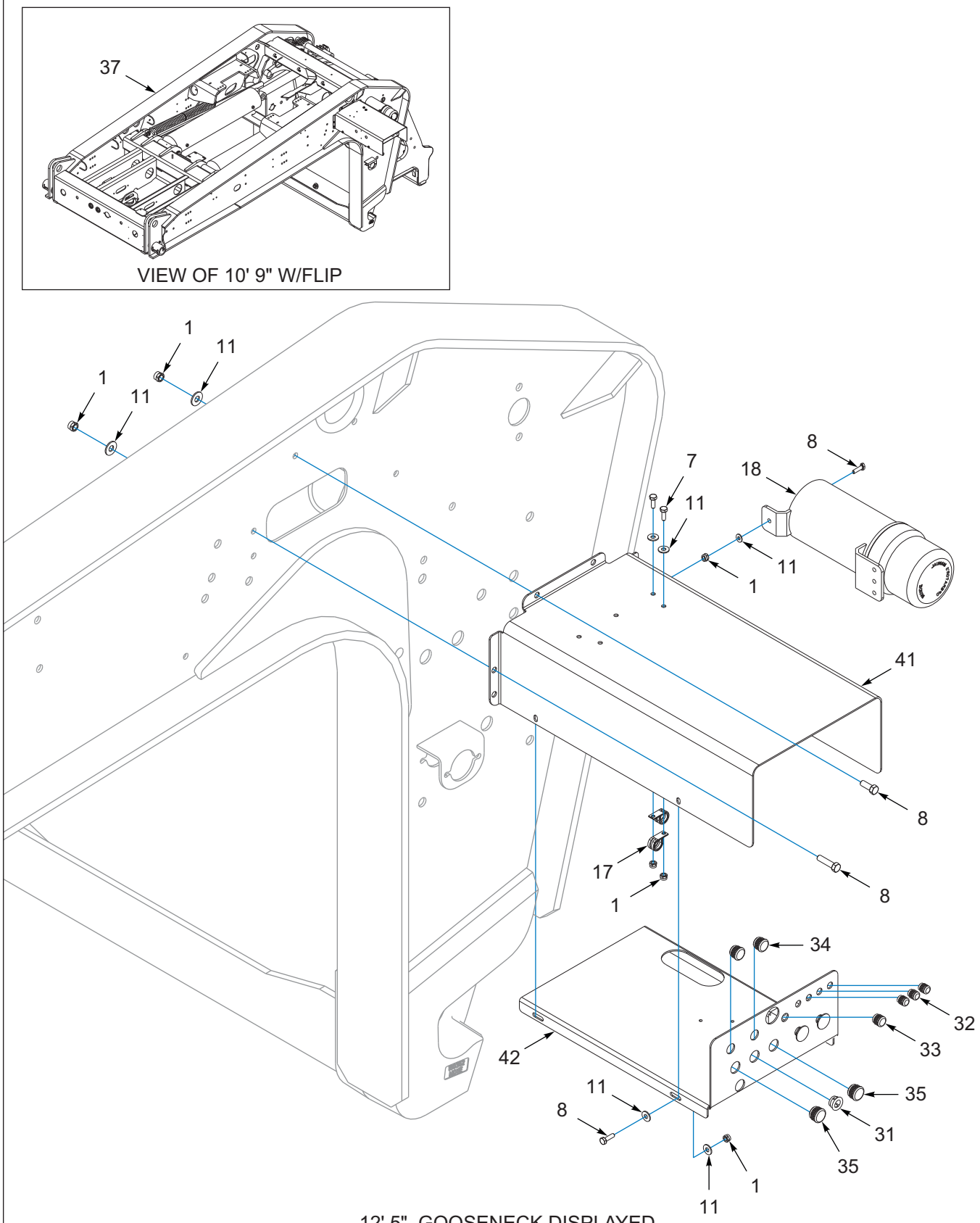


Figure 2-2: Gooseneck Components, 10' 9" & 12' 5" Standard Duty (2 of 3)

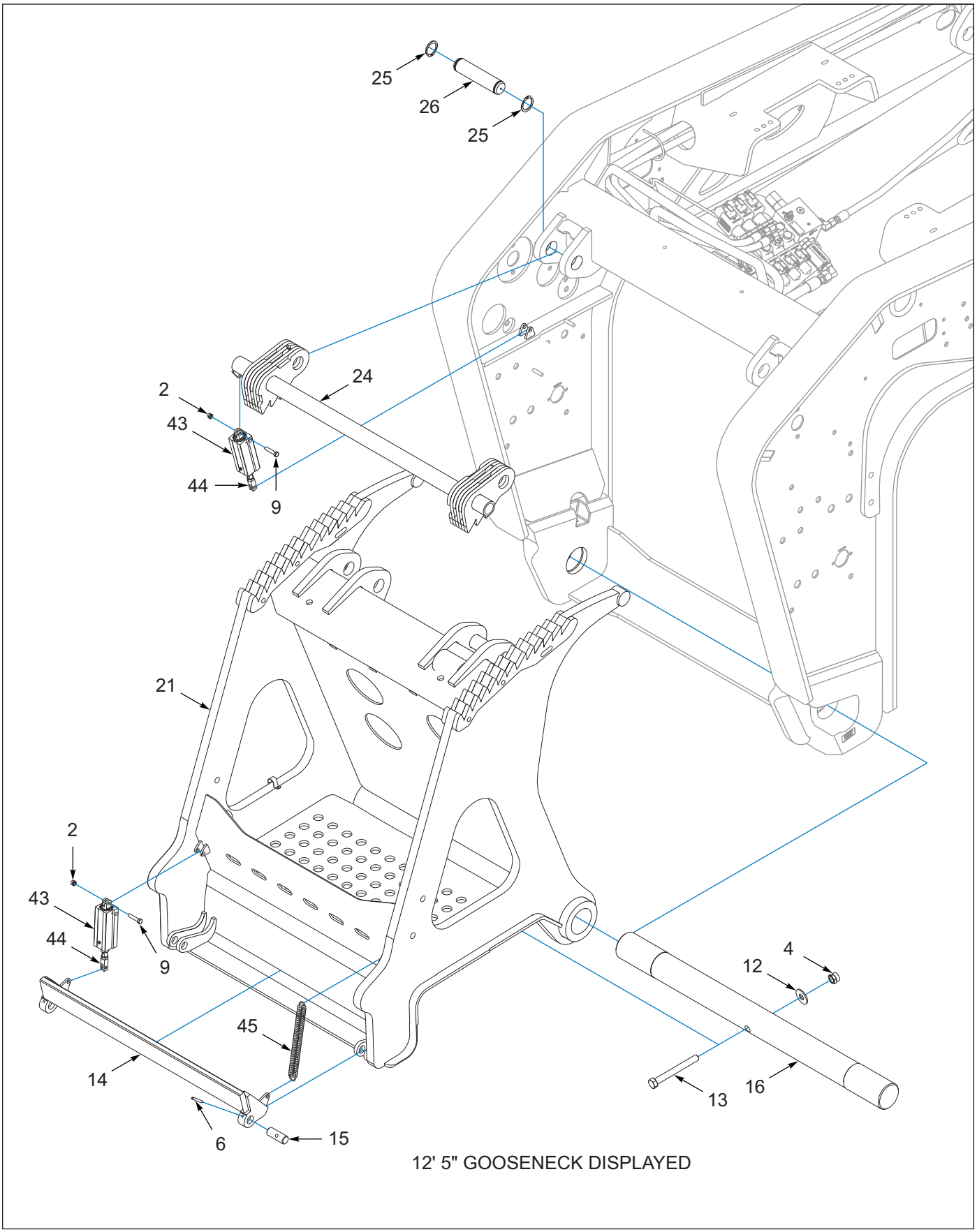


Figure 2-3: Gooseneck Components, 10' 9" & 12' 5" Standard Duty (3 of 3)

Gooseneck Components, 10' 9" & 12' 5" Standard Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	197670	GOOSENECK ASSY 855E 12'5"	- -
	200030	GOOSENECK ASSY 855E 10' 9"	- -
	208616	GOOSENECK ASSY 855E 10'9"W/FLP	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	14
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
3	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
4	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10 **(BEFORE 06/02/2023, REQ 3 EACH)**	1
5	1-512-010007-12	NUT, HEX 3/4-10 GR2 ZP	4
6	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED **(111789)**	2
7	1-654-010047-03	SCREW, HEX 1/4-20UNCX5/8	2
8	1-654-010047-05	SCREW, HX CP 1/4-20UNCx7/8 GR5	12
9	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	2
10	1-654-010133-05	SCREW,SKT FL CTSK1/2-13X1-1/2	4
11	1-861-010032-07	WASHER,FLAT 1/4 ZP	18
12	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	1
13	100855	SCREW, HHCS,3/4-10X6-1/2 GR5	1
14	105237	LATCH WLDMT G/N LOWER	1
15	105243	PIN,LOWER G/N LATCH 825	2
16	105245	PIN, G/N TO CARRIER 825	1
17	125894	CLAMP, CABLE 5/8 SST	2
18	150076	MANUAL TUBE (4-1/4"ID)	1
19	156430	SPRING CAP WLDMT	2
20	160366	CYL HYD 7 X 34 O-RING **(SYSTEM, GREASE - SEE PAGE 11-1)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-1)**	2
21	160396	CARRIER WLDMT 855 **(SYSTEM, GREASE - SEE PAGE 11-1)**	1
22	161165	CHANNEL WLDMT LH,LIFT G/N 855	1
23	161168	CHANNEL WLDMT RH,LIFT G/N 855	1
24	161172	LATCH WLDMT G/N UPPER 855 **(SYSTEM, GREASE - SEE PAGE 11-1)**	1
25	162037	RING, 1.75 RETAINING HD	12
26	162038	PIN 1-3/4 X 7-1/2 ZP	4
27	162039	PIN 1-3/4 X 16-1/2 ZP	2
28	162056	BAR WLDMT LIFT-ARM 855	1
29	162788	SPRING ROD 855 G/N LIFTARM **(BEFORE 06/02/2023)**	2
29	242615	G/N SPRING GUIDE ROD 845 WLDMT **(AFTER 06/02/2023)**	2
30	169372	KINGPIN WLDMT DROP-IN 2" **(NOT USED ON STANDARD 10' 9")**	1
31	178444	BUSHING NYLON INSERT 9/16ID	1
32	189278	PLUG, PLASTIC PANEL 1/2 & 9/16	3
33	189279	PLUG, PLASTIC PANEL 5/8	1
34	189280	PLUG, PLASTIC PANEL 3/4	2
35	189282	PLUG, PLASTIC PANEL 7/8	2
36	197661	GOOSENECK WLDMT 855E-12'5"	1
36	200031	GOOSENECK WLDMT 855E 10' 9"	1
37	208605	GOOSENECK ASSY 855E 10'9"W/FLP	1
38	199942	SPRING CAP WLDMT 2 SIDES	2
39	2-720-010006	SPRING COULTER OUTER	4
40	2-720-010007	SPRING COULTER INNER	4
41	220305	GALV OF 168519 (CRTL BOX TOP)	1

Gooseneck Components, 10' 9" & 12' 5" Standard Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
42	220306	GALV OF 197605 (CRTL BOX BASE)	1
43	235683	CYL AIR 1-3/4 BORE W ROD WIPER **(INCLUDES ITEM 44, CLEVIS BRACKET, PIVOT & COTTER PIN)** **(SYSTEM, AIR - SEE PAGE 10-1)**	2
44	239780	CLEVIS BRACKET AND PIN KIT **(AFTER 10/15/2021)** **(INCLUDED WITH ITEM 43) (PER CYLINDER)**	1
45	3-720-010075	SPRING EXTENSION 7/8X6 **(BEFORE 09/01/2023)**	1
45	129985	SPRING EXTENSION 7/8X6X.091 **(AFTER 09/01/2023)**	1
46	516-22PTL	RETAINING PIN MUD FLAP **(12' 9" GOOSENECK ONLY)** **(12412608, 12486627)**	2
47	622-3511-008	WASHER, FLAT 3/4 MIL-CARB SAE	2
48	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	1
49	2-181-010001	HOSE CLAMP	1

Table provided for general use.

NOTES:

Gooseneck Components, Heavy Duty

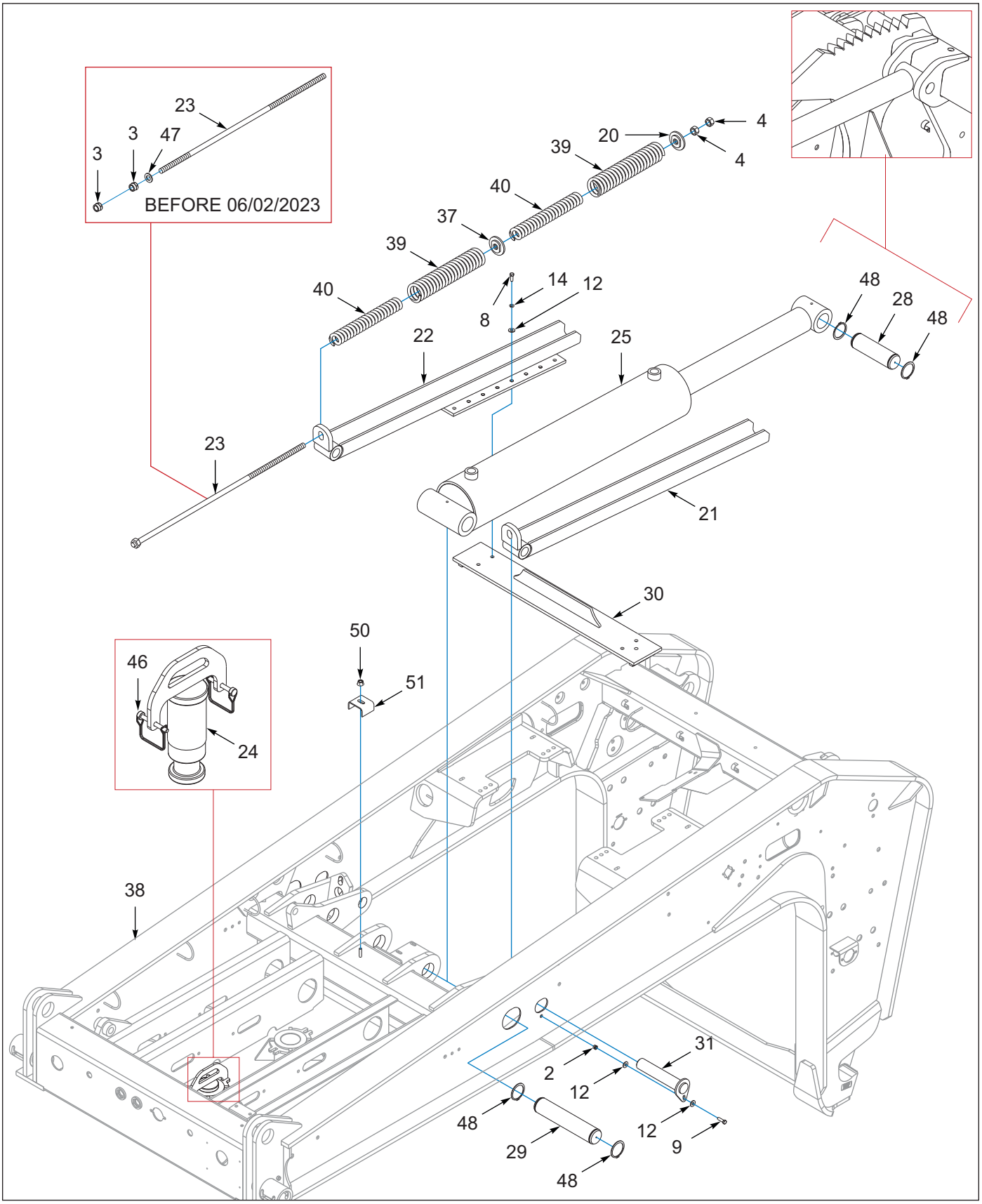


Figure 2-4: Gooseneck Components, Heavy Duty (1 of 3)

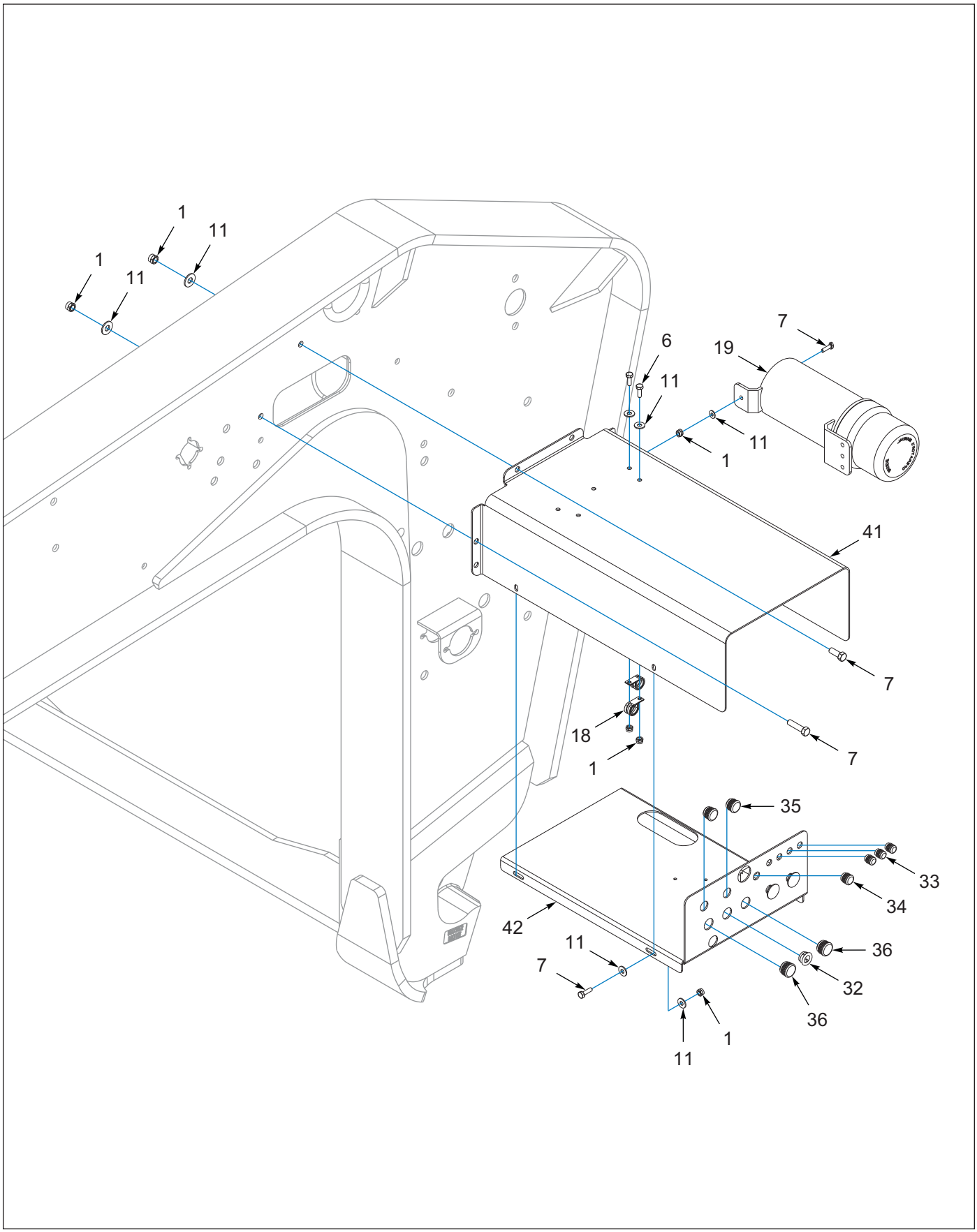


Figure 2-5: Gooseneck Components, Heavy Duty (2 of 3)

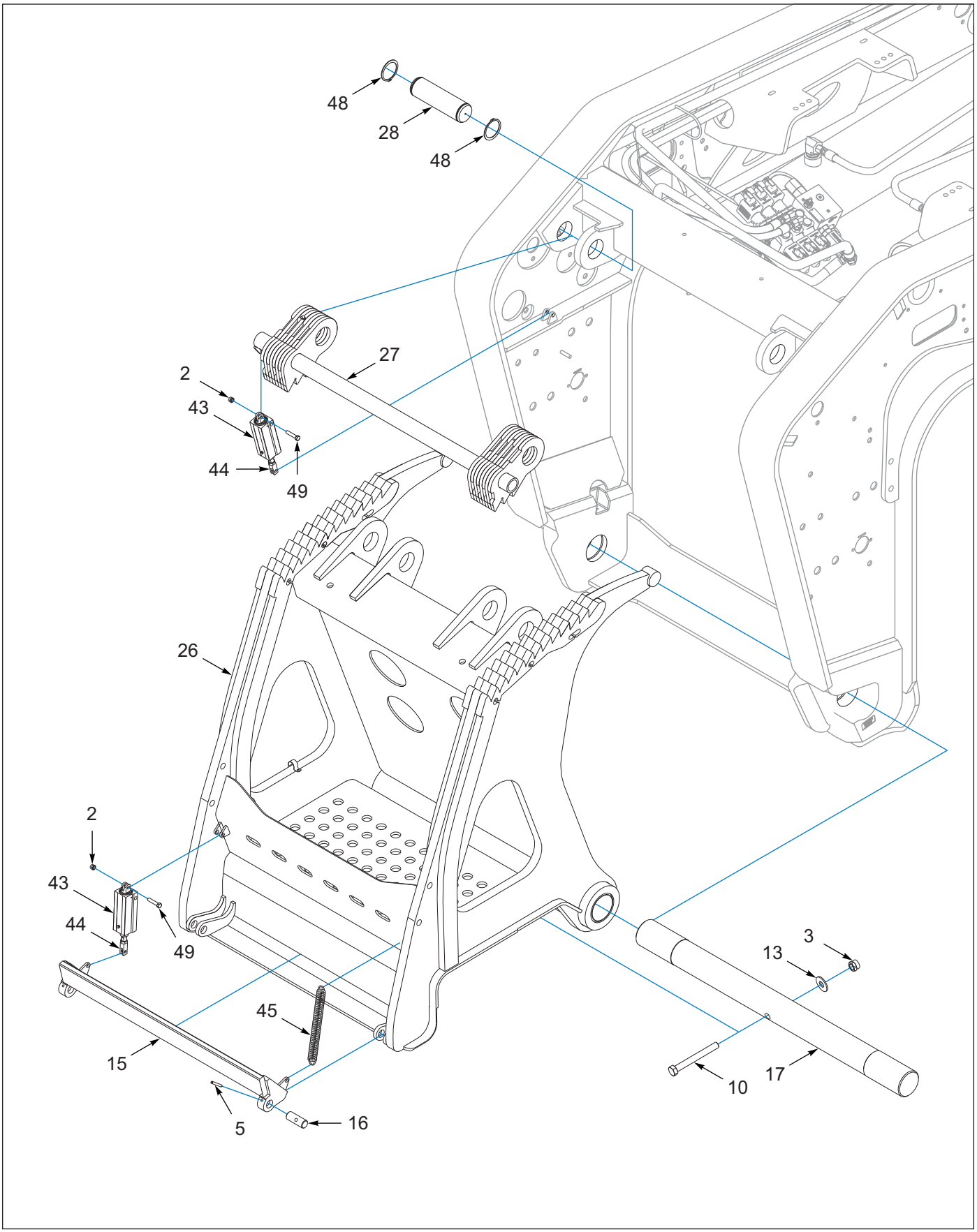


Figure 2-6: Gooseneck Components, Heavy Duty (3 of 3)

Gooseneck Components, Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	199980	GOOSENECK ASSY 855E-HD	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	14
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
3	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10 **(BEFORE 06/02/2023, REQ 3 EACH)**	1
4	1-512-010007-12	NUT, HEX 3/4-10 GR2 ZP	4
5	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED **(111789)**	2
6	1-654-010047-03	SCREW, HEX 1/4-20UNCX5/8	2
7	1-654-010047-05	SCREW, HX CP 1/4-20UNCx7/8 GR5	12
8	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	4
9	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
10	1-654-010061-20	SCREW HX CP 3/4-1OUNCX7-1/2G5	1
11	1-861-010032-07	WASHER,FLAT 1/4 ZP	18
12	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	8
13	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	1
14	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	4
15	105237	LATCH WLDMT G/N LOWER	1
16	105243	PIN,LOWER G/N LATCH 825	2
17	105245	PIN, G/N TO CARRIER 825	1
18	125894	CLAMP, CABLE 5/8 SST	2
19	150076	MANUAL TUBE (4-1/4"ID)	1
20	156430	SPRING CAP WLDMT	2
21	161165	CHANNEL WLDMT LH,LIFT G/N 855	1
22	161168	CHANNEL WLDMT RH,LIFT G/N 855	1
23	162788	SPRING ROD 855 G/N LIFTARM **(BEFORE 06/02/2023)**	2
23	242615	G/N SPRING GUIDE ROD 845 WLDMT **(AFTER 06/02/2023)**	2
24	169372	KINGPIN WLDMT DROP-IN 2" **(NOT USED ON STANDARD 10' 9")**	1
25	170421	CYLINDER, HYD 8X36 0-RING **(SYSTEM, GREASE - SEE PAGE 11-1)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-5)**	2
26	172354	CARRIER WLDMT 855HD **(SYSTEM, GREASE - SEE PAGE 11-1)**	1
27	172362	LATCH WLDMT G/N UPPER 855HD **(SYSTEM, GREASE - SEE PAGE 11-1)**	1
28	172365	PIN 2-1/2 855HD SHT ZP	4
29	172366	PIN 2-1/2 855HD LG ZP	2
30	172374	BAR WLDMT LIFT-ARM 855HD	1
31	172389	PIN WLDMT G/N SUPPORT	2
32	178444	BUSHING NYLON INSERT 9/16ID	1
33	189278	PLUG, PLASTIC PANEL 1/2 & 9/16	3
34	189279	PLUG, PLASTIC PANEL 5/8	1
35	189280	PLUG, PLASTIC PANEL 3/4	2
36	189282	PLUG, PLASTIC PANEL 7/8	2
37	199942	SPRING CAP WLDMT 2 SIDES	2
38	199981	GOOSENECK WLDMT 855E-HD	1
39	2-720-010006	SPRING COULTER OUTER	4
40	2-720-010007	SPRING COULTER INNER	4
41	220305	GALV OF 168519 (CRTL BOX TOP)	1

Gooseneck Components, Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
42	220306	GALV OF 197605 (CRTL BOX BASE)	1
43	235683	CYL AIR 1-3/4 BORE W ROD WIPER **(INCLUDES ITEM 44, CLEVIS BRACKET, PIVOT & COTTER PIN)** **(SYSTEM, AIR - SEE PAGE 10-7)**	2
44	239780	CLEVIS BRACKET AND PIN KIT **(AFTER 10/15/2021)** **(INCLUDED WITH ITEM 43) (PER CYLINDER)**	1
45	3-720-010075	SPRING EXTENSION 7/8X6	1
46	516-22PTL	RETAINING PIN MUD FLAP	2
47	622-3511-008	WASHER, FLAT 3/4 MIL-CARB SAE	2
48	9-630-010009	RING,RETAINING,EXTERNAL 2-1/2	12
49	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	2
50	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	1
51	2-181-010001	HOSE CLAMP	1

Table provided for general use.

NOTES:

Gooseneck Flip Extension & Support Components (Options)

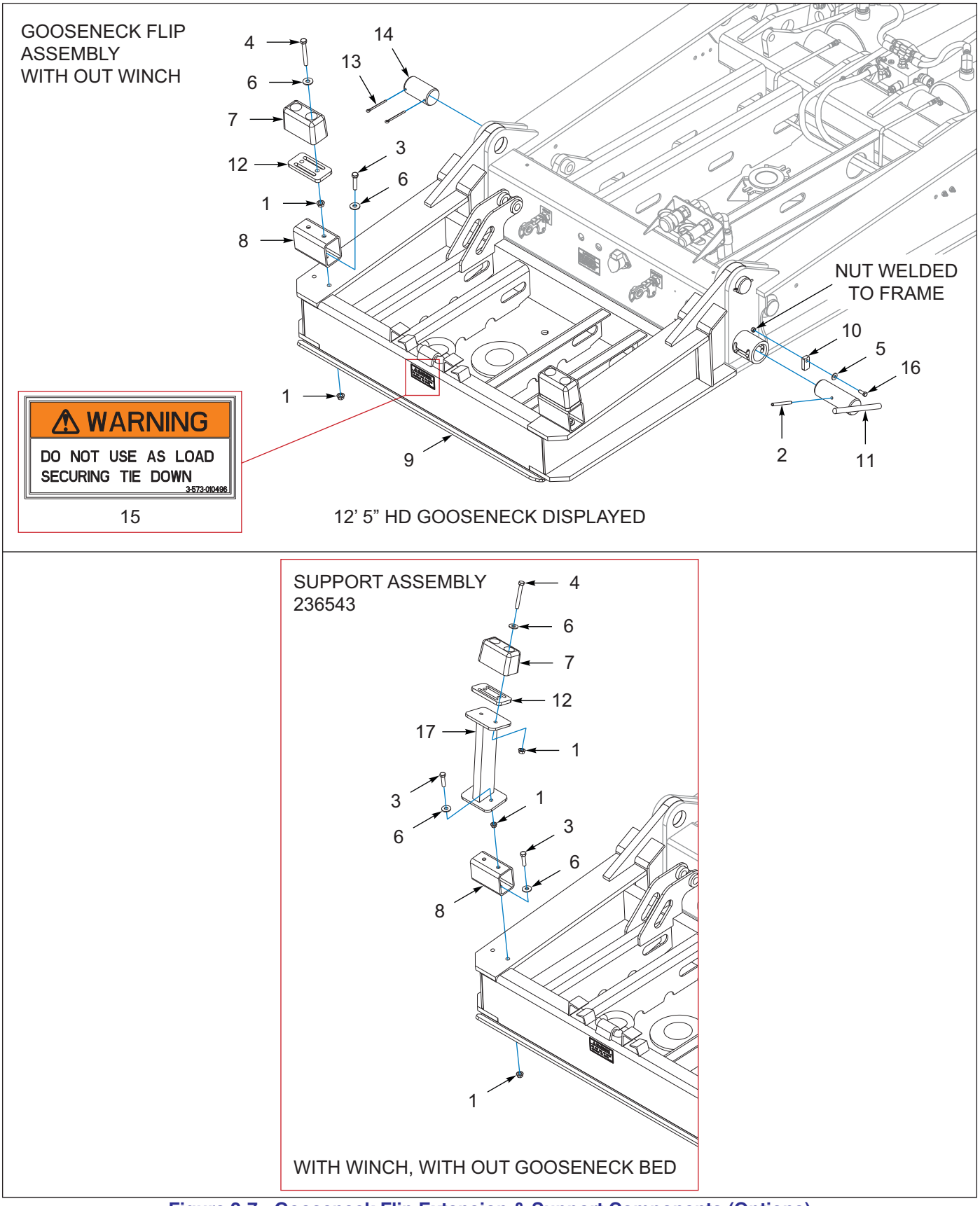


Figure 2-7: Gooseneck Flip Extension & Support Components (Options)

Gooseneck Flip Extension & Support Components (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	172429	FRONT G/N FLIP ASSY 36" **(W/O WINCH)**	- -
	236543	SPRT INSTL G/N FLIP EXT W/O BD **(W/WINCH, W/O GN BED)** **(INCLUDES ITEMS 1, 3, 6, 17)**	- -
1	1-510-010003-09	NUT,1/2-13 FLANGE HD,SERRATED **(172429 REQ 8 EACH) (235643 REQ 12 EACH)**	- -
2	1-647-010004263	PIN,SPRING SLOTTED 3/8X4	2
3	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5 **(172429 REQ 4 EACH) (235643 REQ 8 EACH)**	- -
4	1-654-010055-13	SCREW,HEX CAP,1/2-13UNCX4 GR5	4
5	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	2
6	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(172429 REQ 8 EACH) (235643 REQ 12 EACH)**	- -
7	128874	BUMPER RUBBER 6X3X3-1/2	2
8	148811	MOUNT RUBBER BUMPER	2
9	172378	FLIP WLDMT G/N 36"	1
10	174676	PLATE, PIN LOCK, G/N FLIP PIN	2
11	174678	WLDMT, G/N FLIP PIN	2
12	174681	SPACER, RUBBER BUMP STOP	2
13	1/4X3	COTTER PIN	4
14	3-557-010273	PIN G/N FLIP	2
15	3-573-010496	DECAL WARNING TIE DOWN	1
16	1-654-010036-05	SCREW,HX CP 3/8-16UNCX1 GR8	2
17	180600	SUPPORT WLDMT FRONT FLIP EXT **(ONLY IF EQUIPPED WITH WINCH)**	2
18	#242 LOCKTITE	LOCKTITE 242 BLUE REMOVABLE **(50ML BOTTLE) (NOT SHOWN)**	1

Gooseneck Flip Extension, Hydraulic Pivot Hardware (Option)

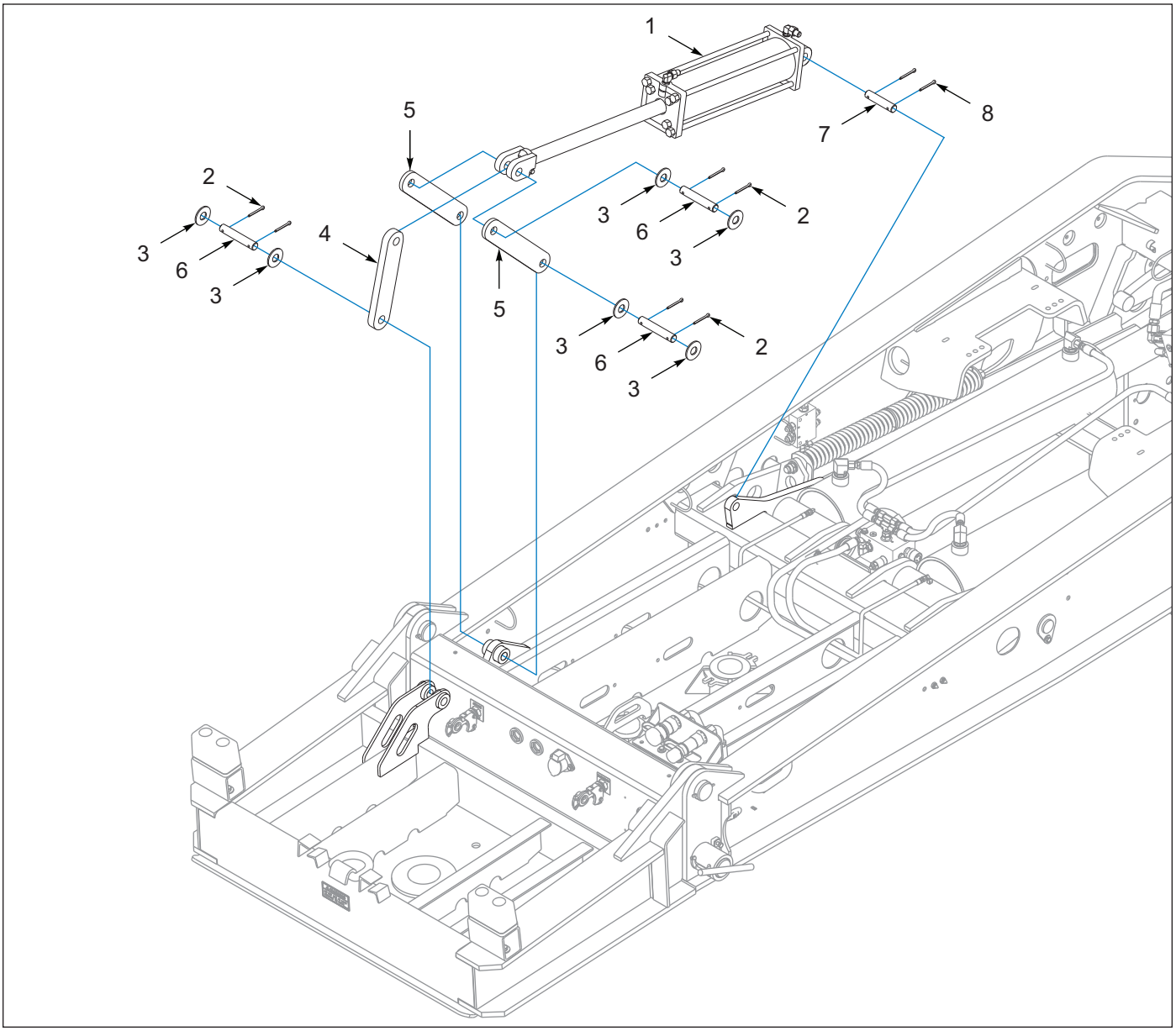


Figure 2-8: Gooseneck Flip Extension, Hydraulic Pivot Hardware (Option)

Gooseneck Flip Extension, Hydraulic Pivot Hardware (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	239692	HYD FRT 800F G/N FLIP INST	- -
1	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI **(INCLUDES ITEMS 7-8) (CYLINDER COMPONENTS - SEE PAGE 12-37)**	1
2	1-557-010362-63	PIN,COTTER 1/4X2 ZP	6
3	1-861-010032-25	WASHER FL 1IN WIDE ZP	6
4	174249	LINK, FRONT, HYD FLIP G/N	1
5	174250	LINK, REAR, HYD FLIP G/N	2
6	2-557-010054	PIN EXTENDED CYLINDER **(1" x 5-3/4" LONG)**	3
7	190400035	PIN, HT CYL CLEVIS 1 IN **(COMES WITH CYLINDER)**	1
8	106120	COTTER PIN #220001504 **(COMES WITH CYLINDER)**	2

Table provided for general use.

NOTES:

Cover Assemblies, Aluminum, Diamond Plate (Options)

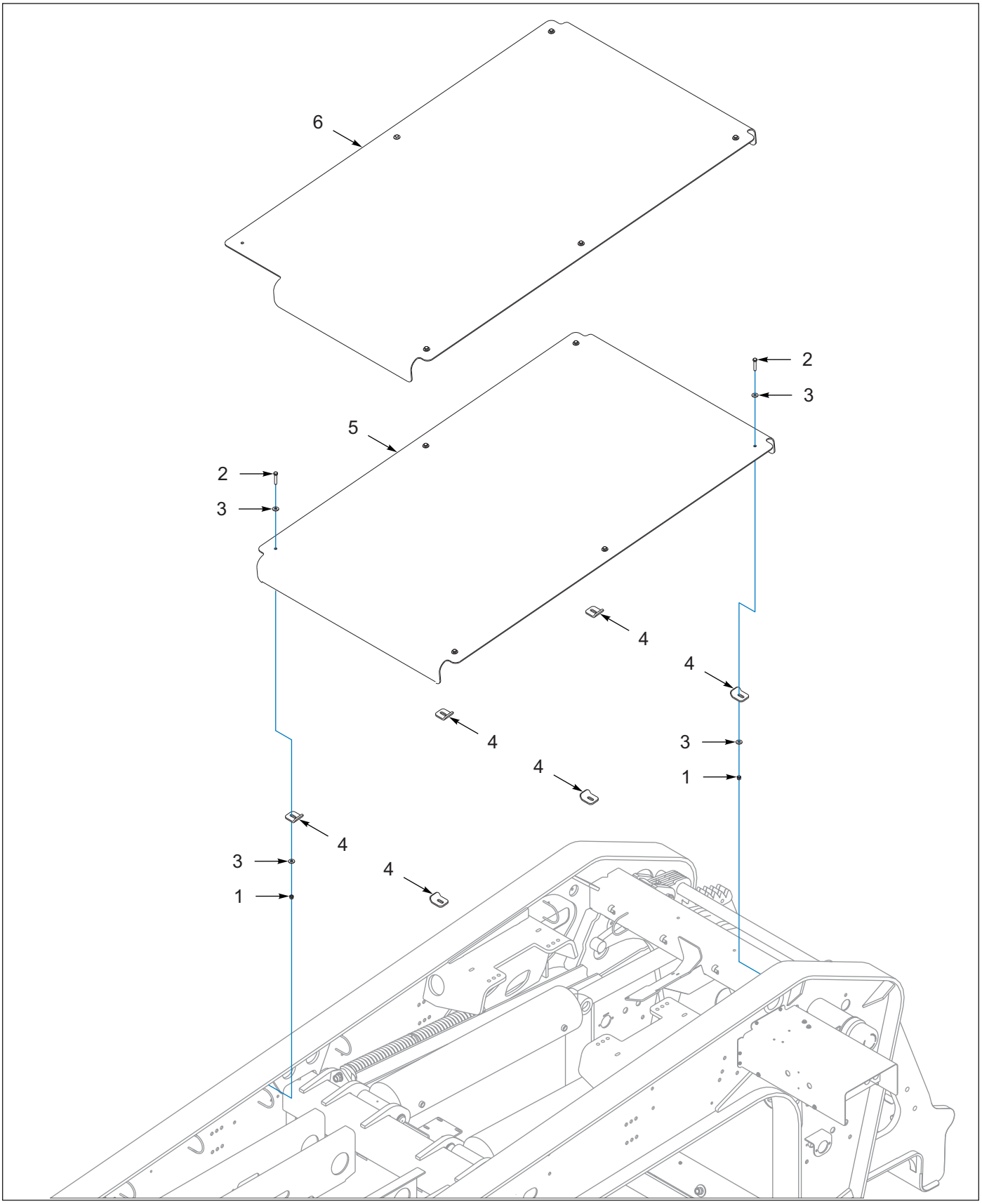


Figure 2-9: Cover Assemblies, Aluminum, Diamond Plate (Options)

Cover Assemblies, Aluminum, Diamond Plate (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	162485	COVER ASSY 855 G/N **(INCLUDES ITEMS 1-5)** **(STANDARD DUTY 10' 9" & 12' 5" W/O GN FLIP EXTENSION)**	- -
	174665	G/N COVER 855 HYD FLIP EXT **(INCLUDES ITEMS 1-4, 6)** **(HEAVY DUTY W/ GN FLIP EXTENSION)**	- -
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	6
2	1-654-010051-09	SCREW,HEX CAP,3/8-16UNCX2 GR5	6
3	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	12
4	162484	CLAMP 855 G/N COVER	6
5	162483	COVER G/N TOP ALUM **(ALUM DIAMOND PLATE)** **(STANDARD DUTY 10' 9" & 12' 5" W/O GN FLIP EXTENSION)**	1
6	174664	COVER G/N TOP HYD FLIP EXT **(ALUM DIAMOND PLATE)** **(HEAVY DUTY W/ GN FLIP EXTENSION)**	1

Mud Flap Components (Option)

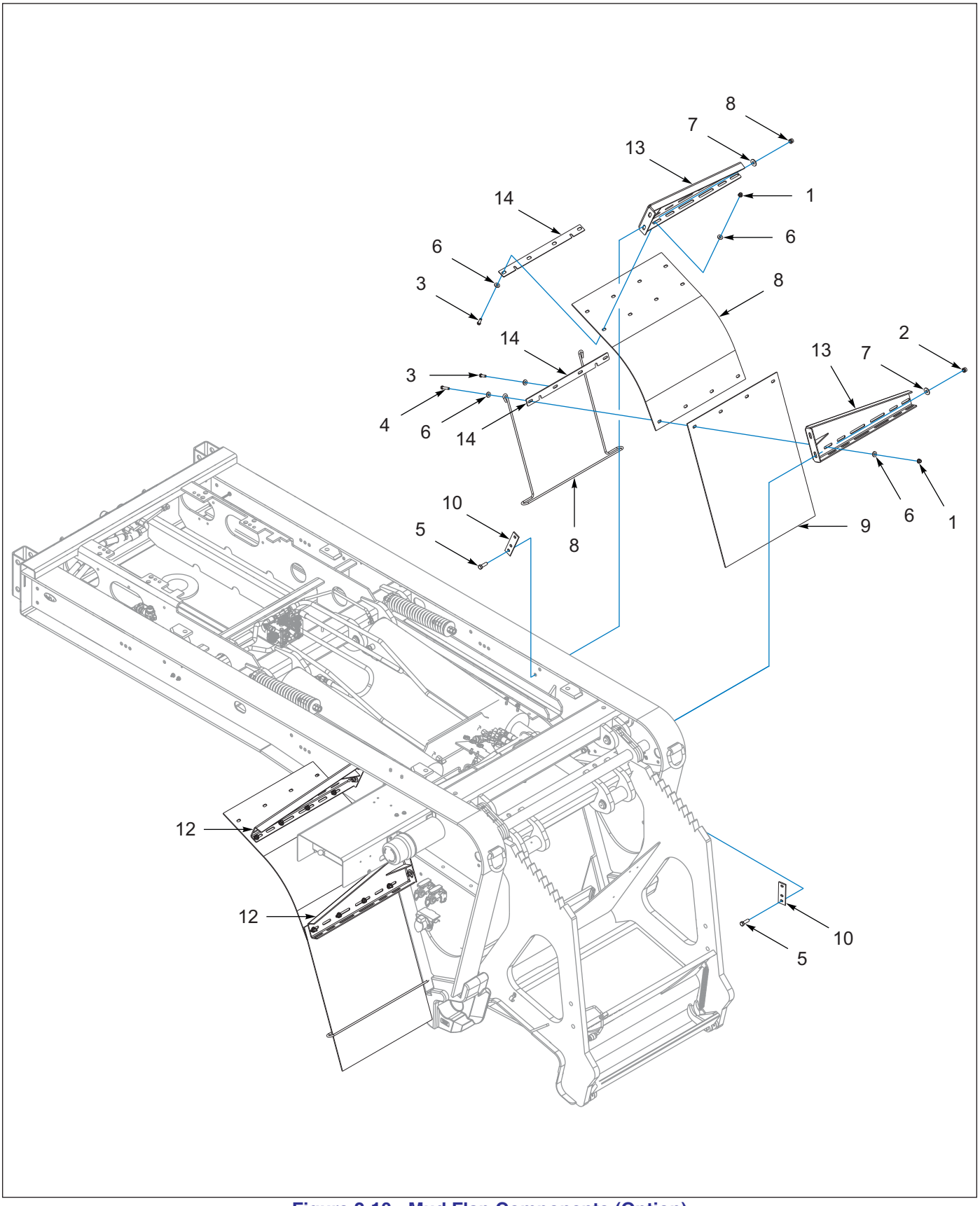
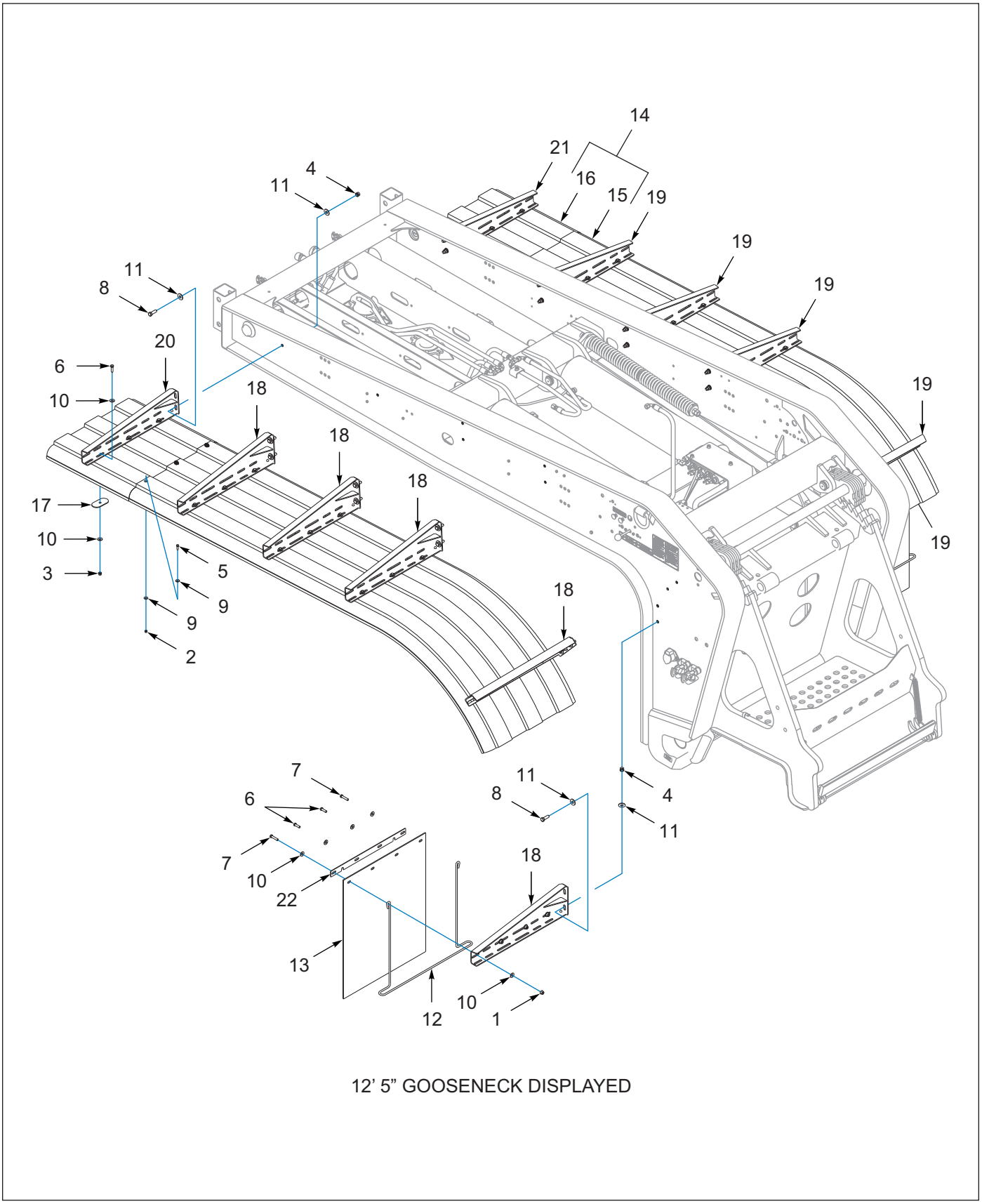


Figure 2-10: Mud Flap Components (Option)

Mud Flap Components (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	142065	MUD FLAP INSTL 825-835 G/N	- -
1	1-510-010001	NUT, 3/8-16 UNC FLANGE LOCK	16
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8
3	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	12
4	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	4
5	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	8
6	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	32
7	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
8	128886	BRACKET ANTI-SAIL MUD FLAP	2
9	131195	MUD FLAP BLACK POLYMER 24X30	2
10	136908	DOUBLER	4
11	142064	MUD FLAP POLYMER MOD 24X30	2
12	220271	GALV OF 194149 (MUDFLAP MT) **(LH)**	2
13	220272	GALV OF 194148 (MUDFLAP MT) **(RH)**	2
14	3-762-010017	CLAMP MUD FLAP	4

Mud Flap & Fender Assemblies (Options)



12’ 5” GOOSENECK DISPLAYED

Figure 2-11: Mud Flap & Fender Assemblies (Options)

Mud Flap & Fender Assemblies (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	180435	FENDERS G/N 855-10'9" **(10' 9" GOOSENECK)**	- -
		(INCLUDES ITEMS 1, 3, 4, 6-8, 10-13, 17-19, 22)	
	164827	FENDERS ASSY G/N 855-12'5" **(12' 5" GOOSENECK)**	- -
		(INCLUDES ITEMS 1-22)	
1	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	8
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20 **(12' 5" GOOSENECK ONLY)**	6
3	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	- -
		(10' 9' REQ 24 EACH) (12" 5" REQ 30 EACH)	
4	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	- -
		(10' 9' REQ 20 EACH) (12" 5" REQ 24 EACH)	
5	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5 **(12' 5" GOOSENECK ONLY)**	6
6	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	- -
		(10' 9' REQ 28 EACH) (12" 5" REQ 34 EACH)	
7	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	4
8	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	- -
		(10' 9' REQ 20 EACH) (12" 5" REQ 24 EACH)	
9	1-861-010032-07	WASHER,FLAT 1/4 ZP **(12' 5" GOOSENECK ONLY)**	12
10	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	- -
		(10' 9' REQ 84 EACH) (12" 5" REQ 100 EACH)	
11	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	- -
		(10' 9' REQ 20 EACH) (12" 5" REQ 24 EACH)	
12	128886	BRACKET ANTI-SAIL MUD FLAP	2
13	131195	MUD FLAP BLACK POLYMER 24X30	2
14	143669	FENDER PLASTIC 26-3/8X129 **(BY THE PAIR)**	1
		(INCLUDES ITEMS 15-16) (12' 5" GOOSENECK ONLY)	
15	147304	FENDER PLASTIC 26-3/8 X 105 **(BY THE PAIR)**	1
16	169806	24" FRONT EXTENSION FOR 143669 **(BY THE PAIR)**	1
		(12' 5" GOOSENECK ONLY)	
17	147312	WASHER BACK-UP FENDER MT	- -
		(10' 9' REQ 24 EACH) (12" 5" REQ 30 EACH)	
18	220271	GALV OF 194149 (MUDFLAP MT) **(STREETSIDE)**	5
19	220272	GALV OF 194148 (MUDFLAP MT) **(CURBSIDE)**	5
20	220301	GALV OF 194153 (MUDFLAP MT) **(STREETSIDE)**	1
		(12' 5" GOOSENECK ONLY)	
21	220302	GALV OF 194152 (MUDFLAP MT) **(CURBSIDE)**	1
		(12' 5" GOOSENECK ONLY)	
22	3-762-010017	CLAMP MUD FLAP	1

Chapter 3

TABLE OF CONTENTS

Trailer Assembly

Frame Components

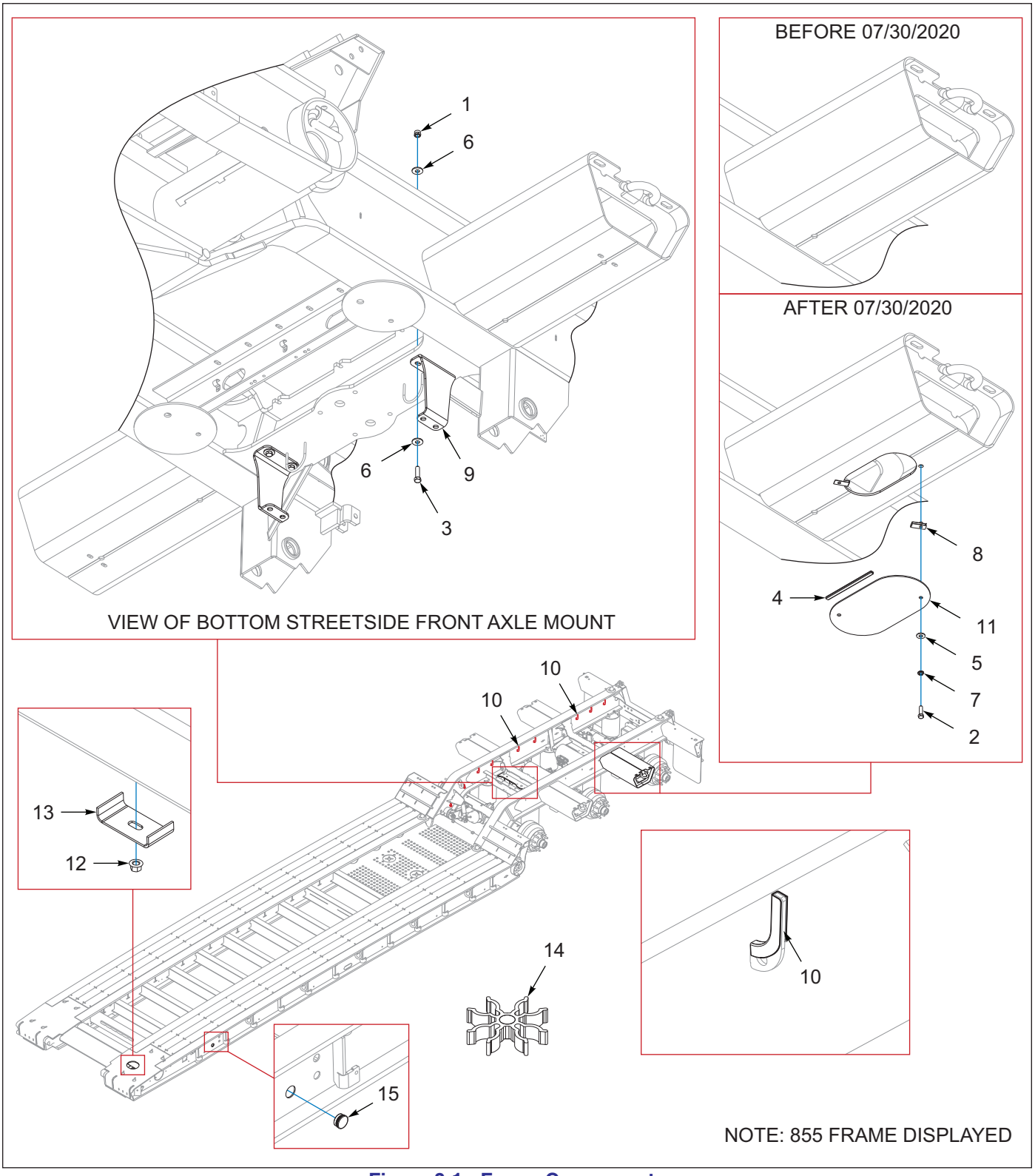
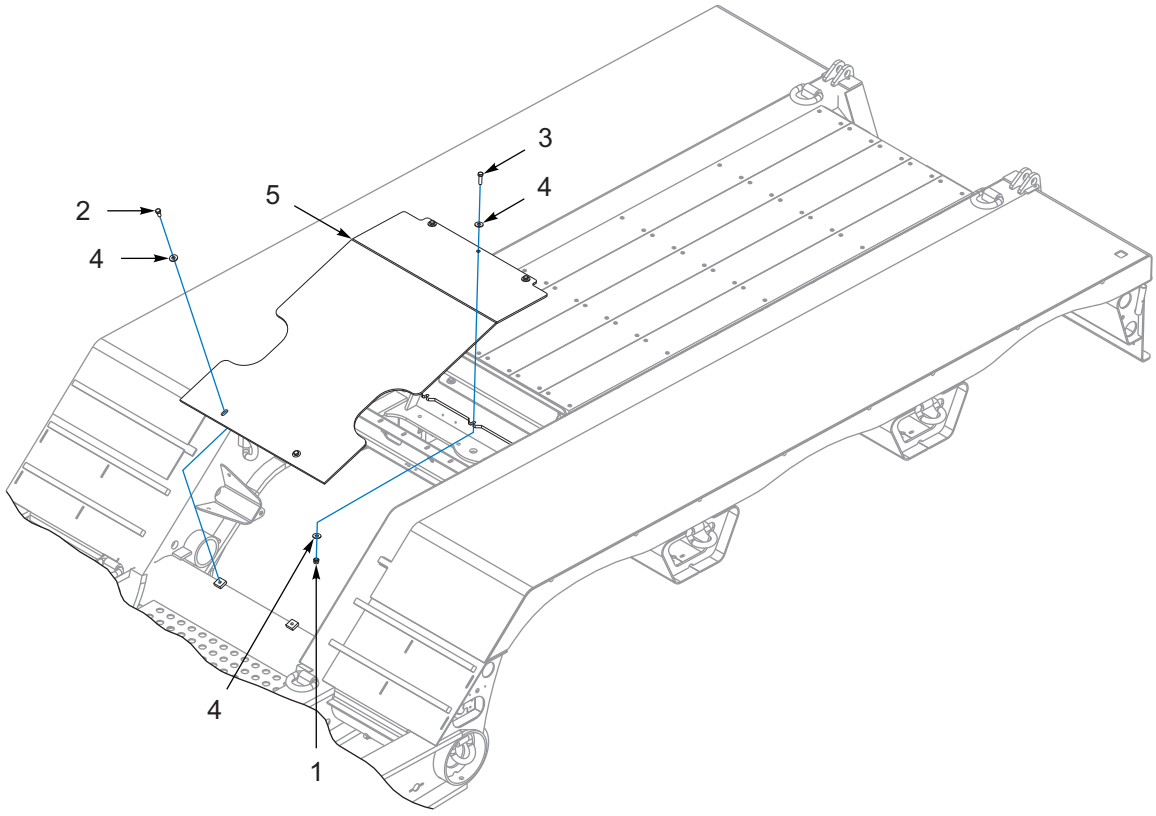


Figure 3-1: Frame Components

Frame Components

ITEM	PART NUMBER	DESCRIPTION	QTY.
	231421	FRAME ASSY 855F-25 60AX **(25', 26', 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
2	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4 **(AFTER 07/30/2020)**	2
3	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	4
4	1-822-010003	TRIM-LOK 1/8 **(BY THE FOOT) (AFTER 07/30/2020)**	3.5
5	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD **(AFTER 07/30/2020)**	2
6	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
7	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8 **(AFTER 07/30/2020)**	2
8	133732	NUT,EXTRUD U 3/8-16 **(AFTER 07/30/2020)**	2
9	163092	BRACKET AIR TANK TRL 855	2
10	223145	TRIM-LOK	20
11	230060	GALV OF 230059 ACCESS COVER **(AFTER 07/30/2020)**	1
12	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	1
13	103817	CLAMP,HOSE 660 U/C	1
14	248263	CLIP,4WAY ABS SENSR WIRE3/8HOS **(AFTER 10/31/2023)**	9
15	129601	PLUG, PLASTIC PANEL 2 & 2-1/16 **(AFTER 04/30/2025)**	2

Cover, Trunnion Trough, Front (Option)



WORKS WITH PART # 232716 DECKING, TRUNNION FILLER, SHORT LENGTH, WOOD (OPTION)

SHOWN WITH WHEEL COVER OPTION

Figure 3-2: Cover, Trunnion Trough, Front (Option)

Cover, Trunnion Trough, Front (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	232717	COVER FRONT TROUGH 855F **(INCLUDES ITEMS 1-5)**	1
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	3
2	1-654-010055-01	SCR,HX CP 1/2-13UNCX1 GR5	2
3	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	3
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
5	238029	TRL CLR CVR TRGH 855F SHRT DK	1

Cover, Trunnion Trough, Full Length, Flip (Options)

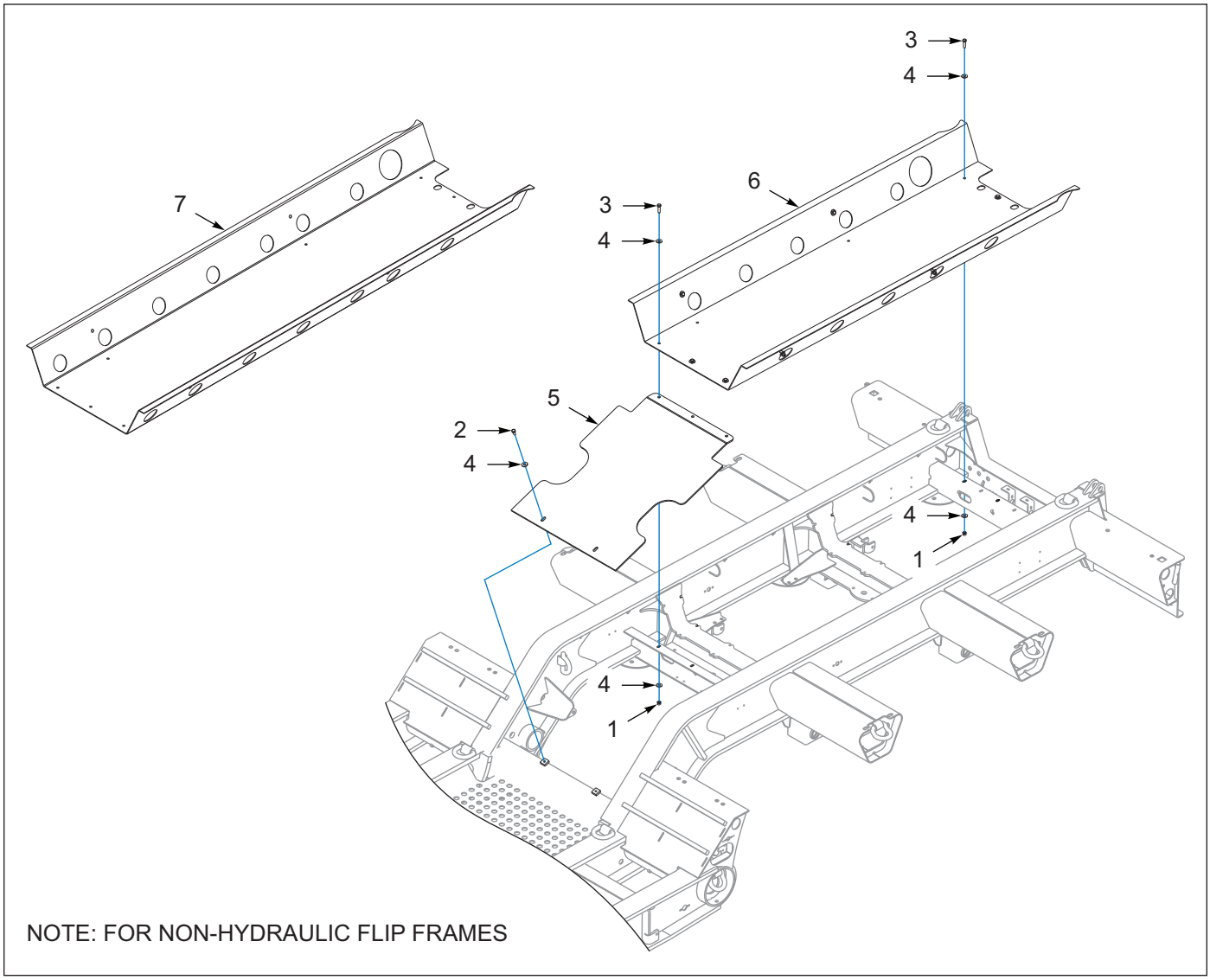


Figure 3-3: Cover, Trunnion Trough, Full Length, Flip (Options)

Cover, Trunnion Trough, Full Length, Flip (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	163516	COVER BOOM TROUGH 855-50 ASSY **(50" AXLES) (INCLUDES ITEMS 1-6)**	1
	162787	COVER BOOM TROUGH 855-54 **(54" AXLES) (INCLUDES ITEMS 1-5, 7)**	1
	169644	COVER BOOM TROUGH 855-60 **(60" AXLES) (INCLUDES ITEMS 1-5, 7)**	1
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	10
2	1-654-010055-01	SCR,HX CP 1/2-13UNCX1 GR5	2
3	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	10
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	22
5	162046	COVER FRONT TROUGH 855	1
6	163100	COVER BOOM TROUGH 855-50 **(50" AXLES)**	1
7	162045	COVER BOOM TROUGH 855 **(54" & 60" AXLES)**	1

Cover, Trunnion Trough, Full Length, Hydraulic Flip (Options)

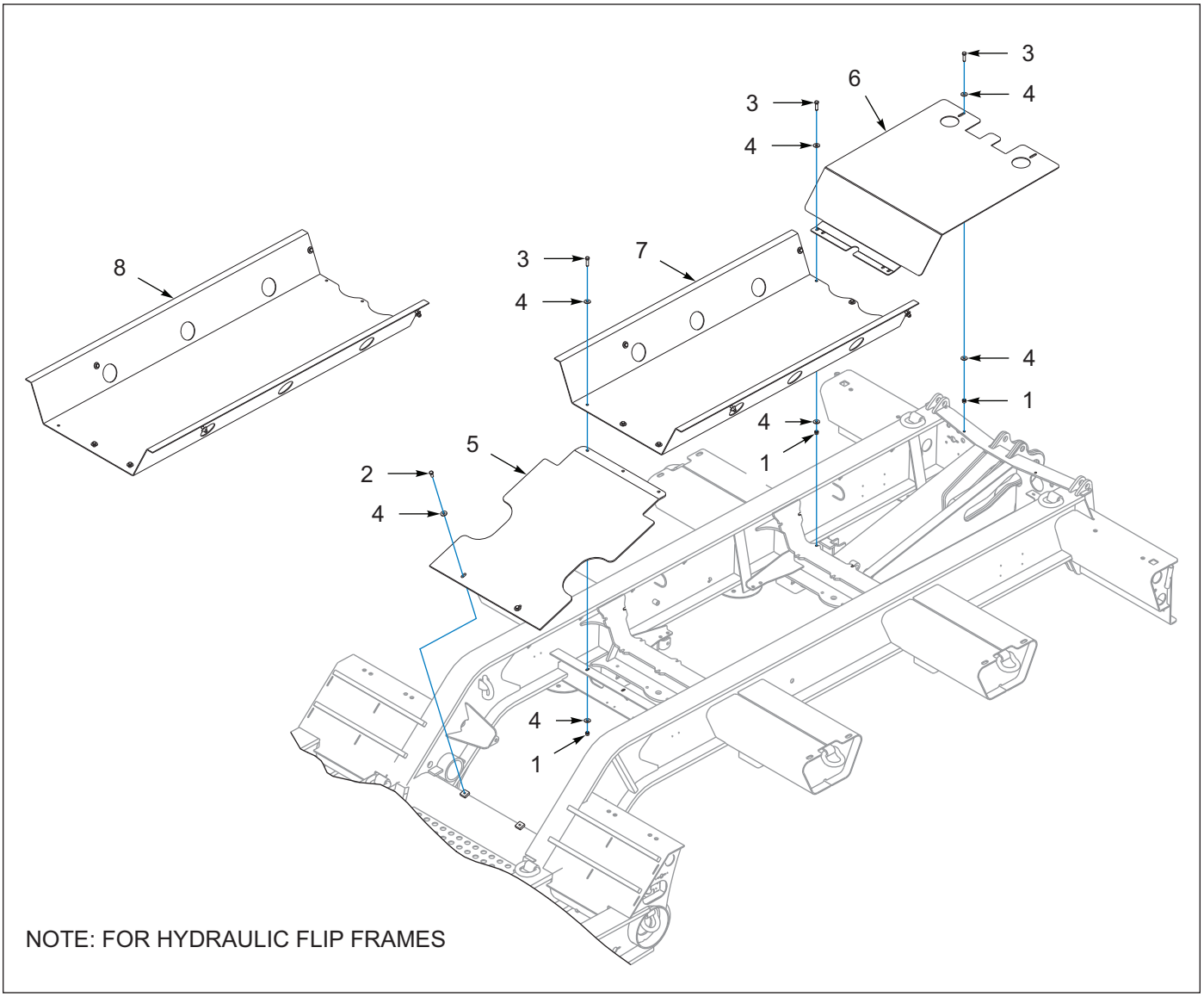


Figure 3-4: Cover, Trunnion Trough, Full Length, Hydraulic Flip (Options)

Cover, Trunnion Trough, Full Length, Hydraulic Flip (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	164108	COVER BOOM TROUGH 855-54FLIP **(54" AXLES) (INCLUDES ITEMS 1**-7)	1
	168962	COVER BOOM TROUGH 855-60 FLIP **(60" AXLES) (INCLUDES ITEMS 1-6, 8)**	1
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	12
2	1-654-010055-01	SCR,HX CP 1/2-13UNCX1 GR5	2
3	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	12
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	26
5	162046	COVER FRONT TROUGH 855	1
6	164110	COVER BOOM TROUGH 855-54 REAR	1
7	164109	COVER BOOM TROUGH 855-54 MID **(54" AXLES)**	1
8	168961	COVER BOOM TROUGH 855-60 MID **(60" AXLES)**	1

Decking, Frame, Bucket Trough, Wood (Option)

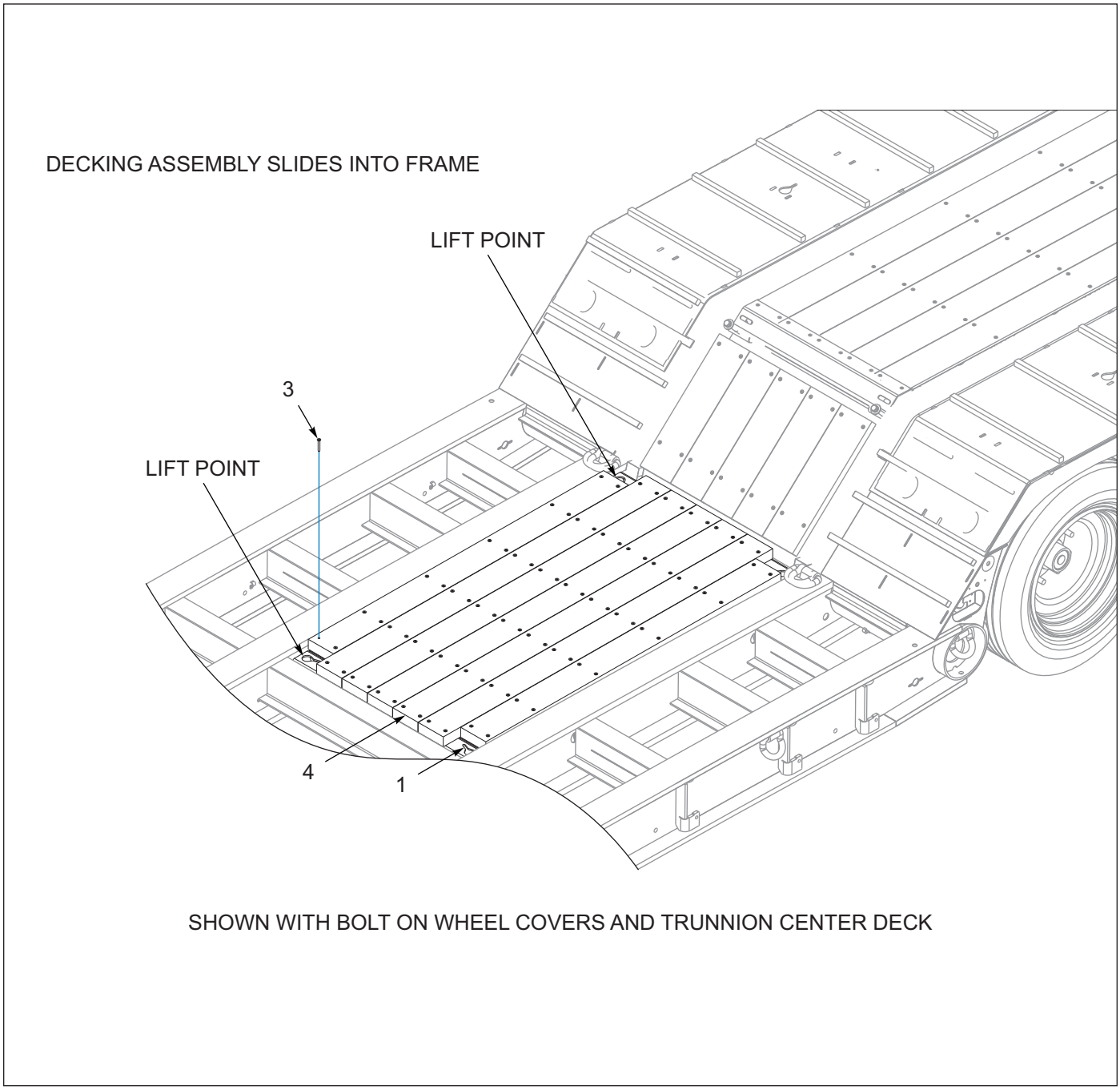


Figure 3-5: Decking, Frame, Bucket Trough, Wood (Option)

Decking, Frame, Bucket Trough, Wood (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210078	FILLER ASSY BUCKET TROUGH	- -
1	210079	FILLER WLDMT BUCKET TROUGH	1
2	145499	PRESERVATIVE WOODGUARD **(NOT SHOWN) (BY THE GALLON)**	.5
3	3-654-010129-2	SCREW,5/16X3ZP TORX FLOOR	84
4	RWD39062	APITONG 2X5-7/8 4.5 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -

Decking, Frame, Center Section, Wood (Option)

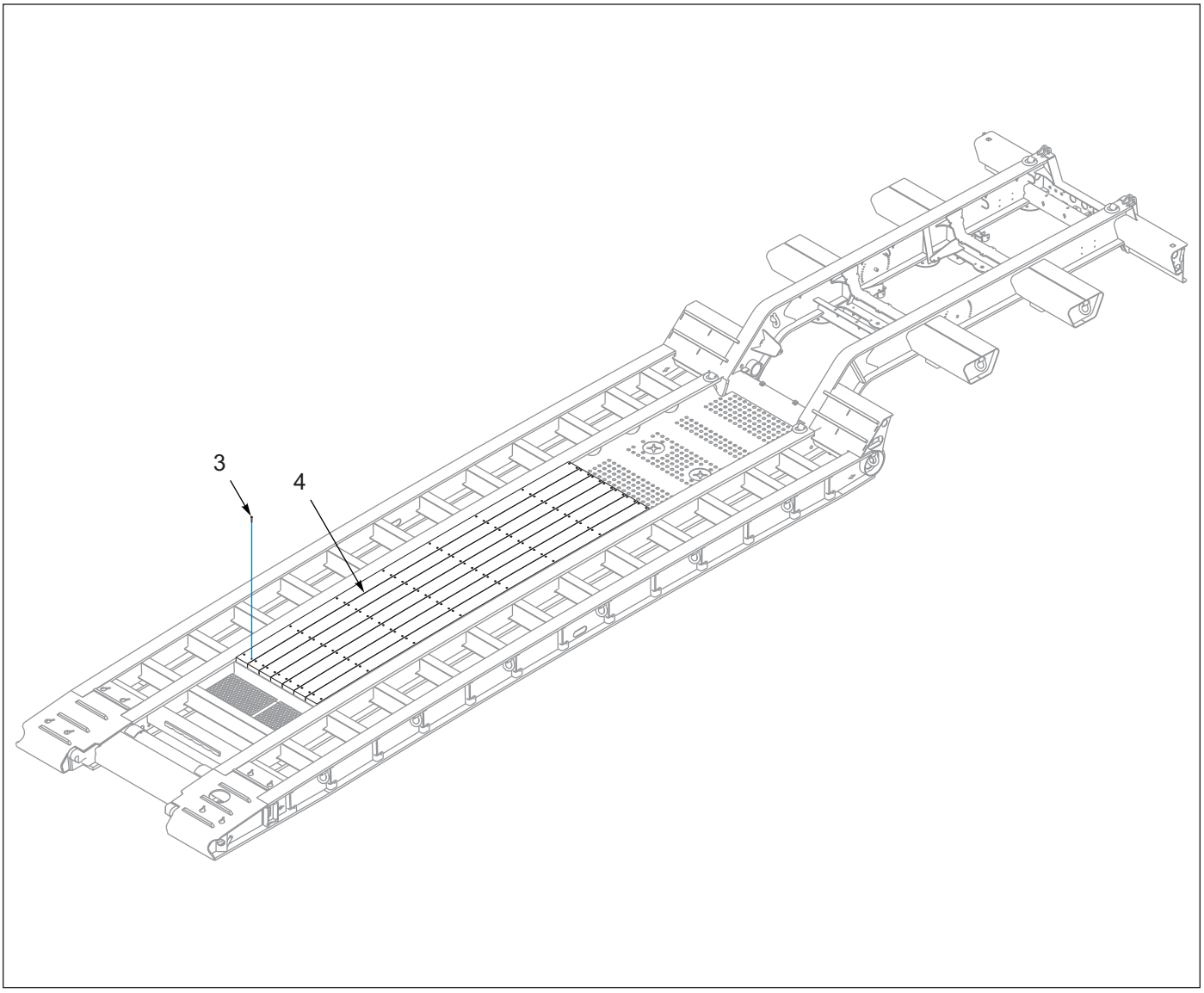


Figure 3-6: Decking, Frame, Center Section, Wood (Option)

Decking, Frame, Center Section, Wood (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	194394	DECK WD 2" APTG CTR 855-23-1/2 **(23-1/2')**	- -
	165963	DECK WD 2" APTG CTR 855-26 **(26')**	- -
1	145499	PRESERVATIVE WOODGUARD **(BOARD SEALER NOT SHOWN)** **(BY THE GALLON)**	0.5
2	194465	IPE WOOD END GRAIN SEALER **(END SEALER NOT SHOWN)** **(BY THE GALLON)**	0.07
3	3-654-010129-2	SCREW,5/16X3ZP TORX FLOOR **(23-1/2' REQ 125 EACH)** **(26' REQ 143 EACH)**	- -
4	RWD39062	APITONG 2X5-7/8 4.5 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -

Decking, Frame, Track Section, Wood

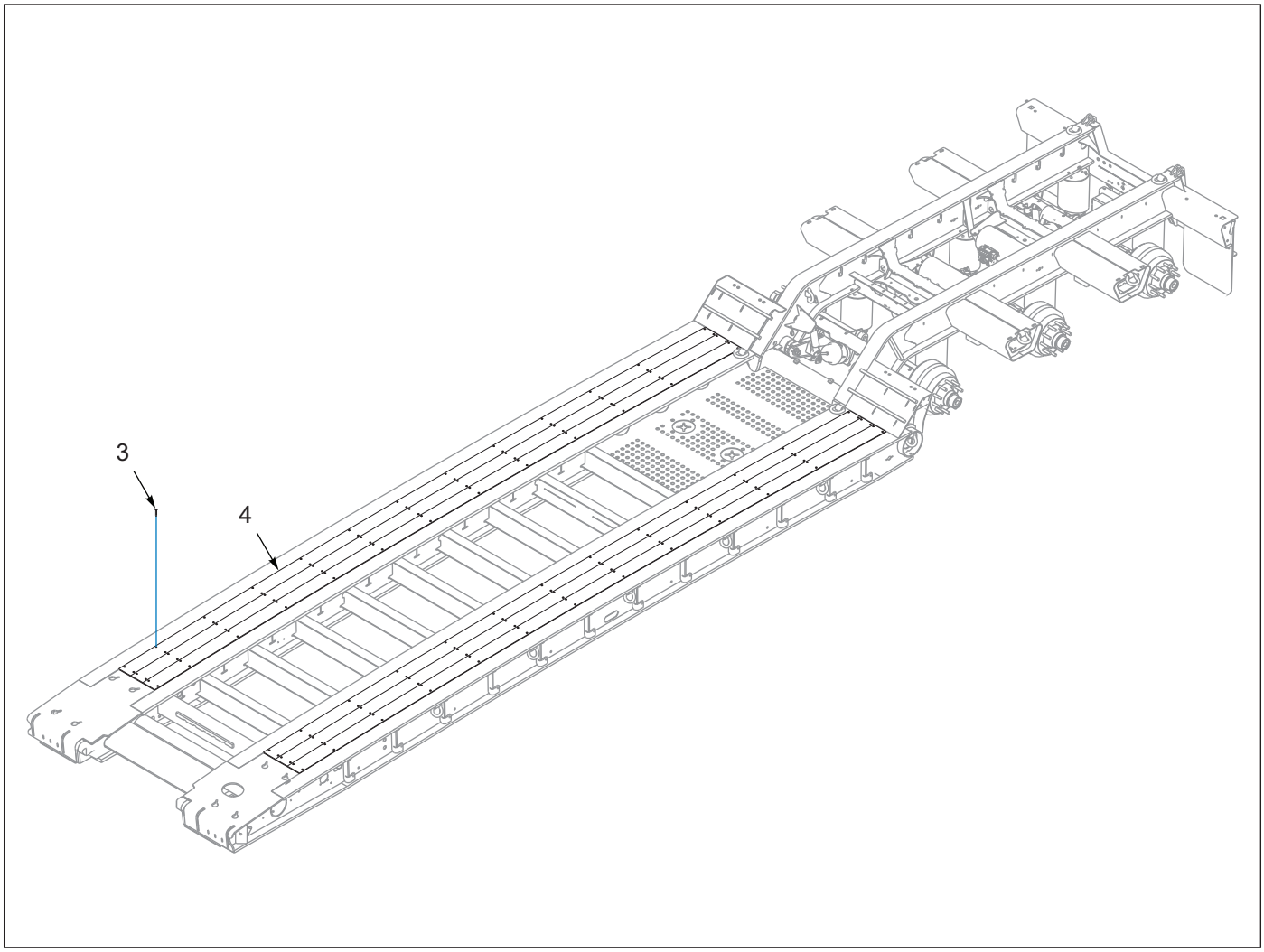


Figure 3-7: Decking, Frame, Track Section, Wood

Decking, Frame, Track Section, Wood

ITEM	PART NUMBER	DESCRIPTION	QTY.
	231421	FRAME ASSY 855F-25 60AX **(25', 26', 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	145499	PRESERVATIVE WOODGUARD **(BOARD SEALER NOT SHOWN)** **(BY THE GALLON)**	0.5
2	194465	IPE WOOD END GRAIN SEALER **(END SEALER NOT SHOWN)** **(BY THE GALLON)**	0.07
3	3-654-010129-2	SCREW,5/16X3ZP TORX FLOOR **(25', 26', REQ 184 EACH)** **(27.5', REQ 196 EACH)**	- -
4	RWD39062	APITONG 2X5-7/8 4.5 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -

Decking, Trunnion Filler, Full Length, Wood (Options)

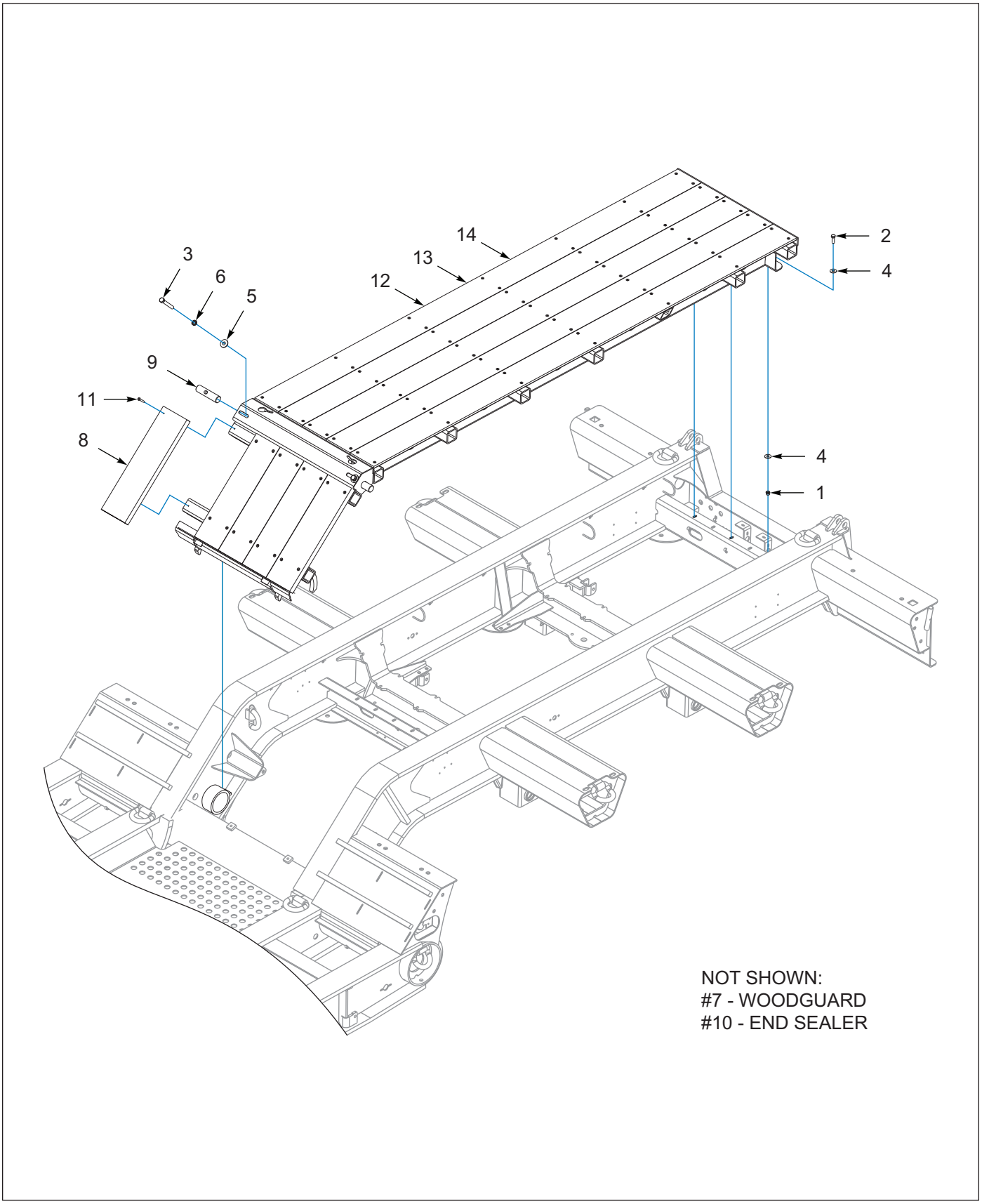


Figure 3-8: Decking, Trunnion Filler, Full Length, Wood (Options)

Decking, Trunnion Filler, Full Length, Wood (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	224301	DECK TRUN CTR 855-50" AXLE **(REF 1)** **(50" AXLES) (INCLUDES ITEMS 1-12)**	1
	191502	DECK TRUN CTR 855-54 AXLE **(REF 2)** **(54" AXLES, 255/70R22.5 TIRES) (INCLUDES ITEMS 1-11, 13)** **(WORKS WITH 210063, 228617 WHEEL COVERINGS)**	1
	225760	DECK TRUN CTR 855-54AX 275WLCV **(REF 3)** **(54" AXLES, 275/70R22.5 TIRES) (INCLUDES ITEMS 1-11, 14)** **(WORK WITH 178754, 218840 WHEEL COVERINGS)**	1
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB **(AFTER 12/13/2021 - REF 2, REQ 2 EACH)**	3
2	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2 **(AFTER 12/13/2021 - REF 2, REQ 2 EACH)**	3
3	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5 **(REF 1, REF 2)**	2
3	1-654-010059-13	SCREW HEX CAP 5/8-11X4UNC GR5 **(REF 3)**	2
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(AFTER 12/13/2021 - REF 2, REQ 4 EACH)**	6
5	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	2
6	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	2
7	145499	PRESERVATIVE WOODGUARD **(BY THE GALLON) (NOT SHOWN)**	- -
8	158732	SCREW,5/16X2-1/4ZP TORX FLOOR **(REF 1, REF 2, REQ 90 EACH)** **(REF 3, REQ 146 EACH)**	- -
9	191508	PIN ANCHOR TRUN FILLER DECK	2
10	194465	IPE WOOD END GRAIN SEALER **(BY THE GALLON) (NOT SHOWN)**	- -
11	RWD39000	APITONG, 1-3/8 X 7.08 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -
12	224300	WLDMT TRUN FLR CTR 855E 50" **(REF 1 ONLY)**	1
13	191503	FILLER WLDMT TRUN CTR 855 **(REF 2 ONLY)**	1
14	225761	FILLER WLDMT TRUN 855-54-275TR **(REF 3 ONLY)**	1

Decking, Trunnion Filler, Short Length, Steel (Option)

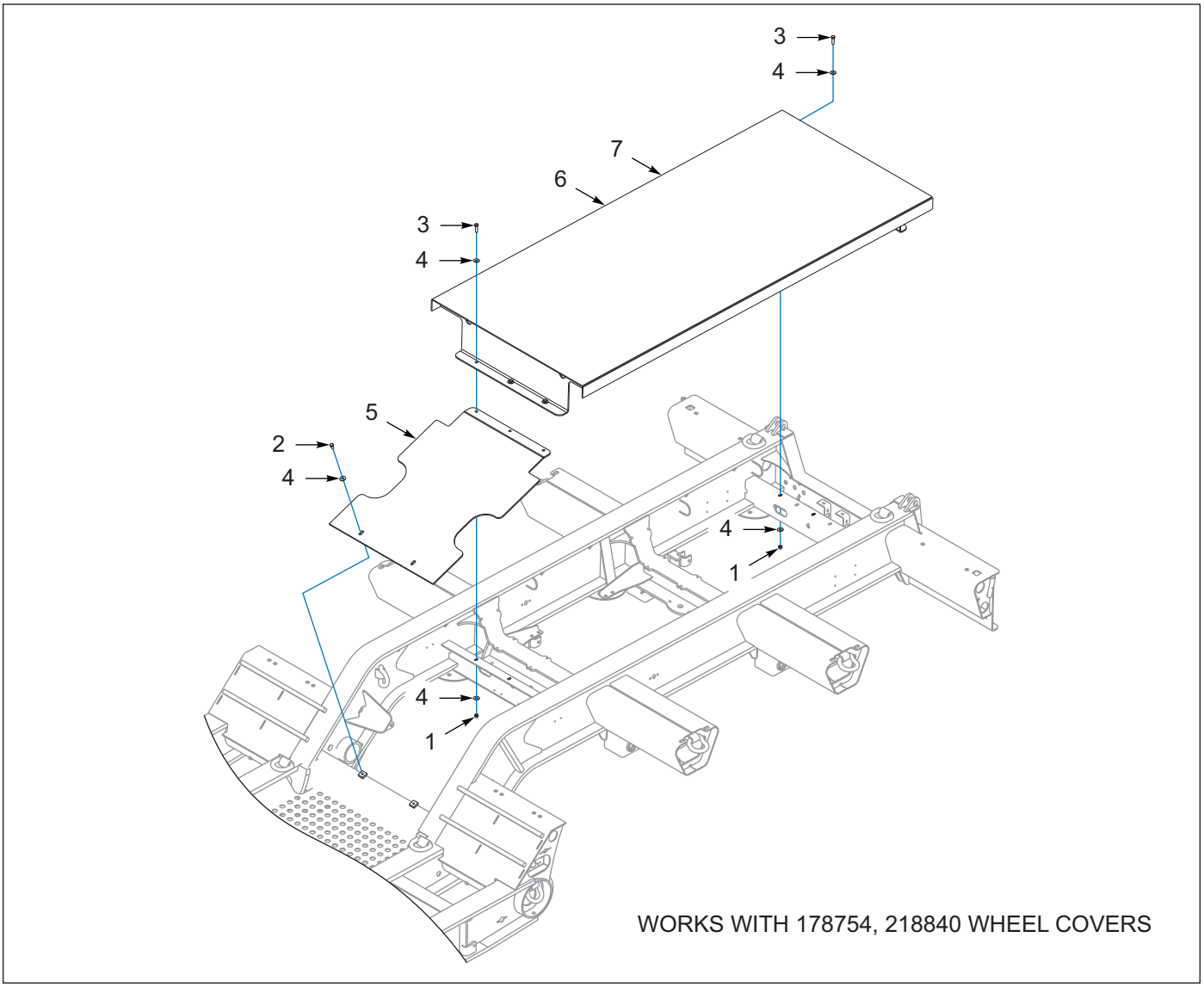
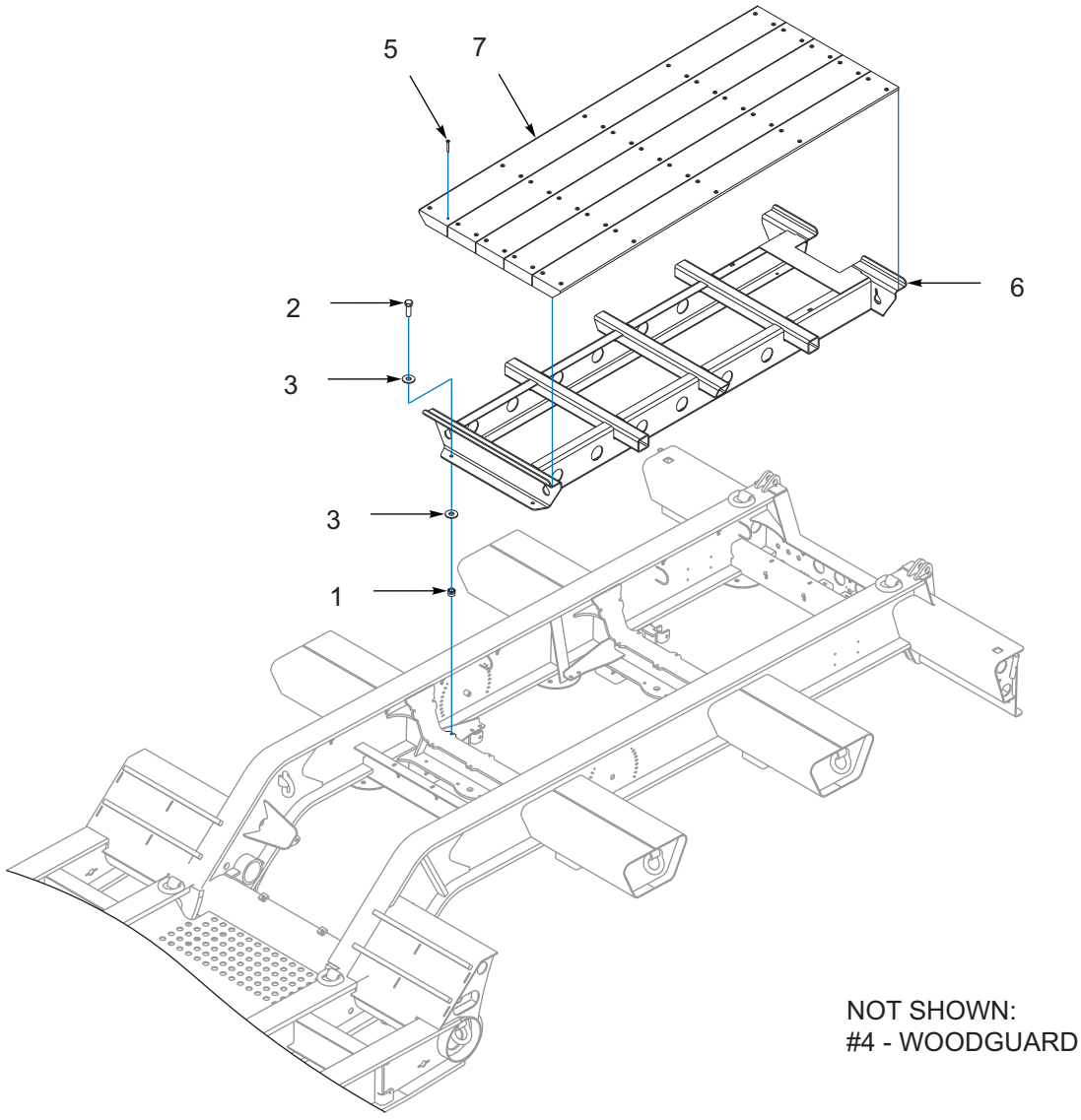


Figure 3-9: Decking, Trunnion Filler, Short Length, Steel (Option)

Decking, Trunnion Filler, Short Length, Steel (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	212061	DECK TRUN CTR STL 855-54 AXLE **(TREAD PLATE) (INCLUDES ITEMS 1-6)**	1
	212224	DECK TRUN CTR SMOOTH 855-54 **(SMOOTH PLATE) (INCLUDES ITEMS 1-5,7)**	1
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	6
2	1-654-010055-01	SCR,HX CP 1/2-13UNCX1 GR5	2
3	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	6
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	14
5	162046	COVER FRONT TROUGH 855	1
6	212062	WLDMT DECK TRUN CTR STL 855 **(TREAD PLATE)**	1
7	212225	WLDMT DECK TRUN CTR SMOOTH 855 **(SMOOTH PLATE)**	1

Decking, Trunnion Filler, Short Length, Wood (Option)



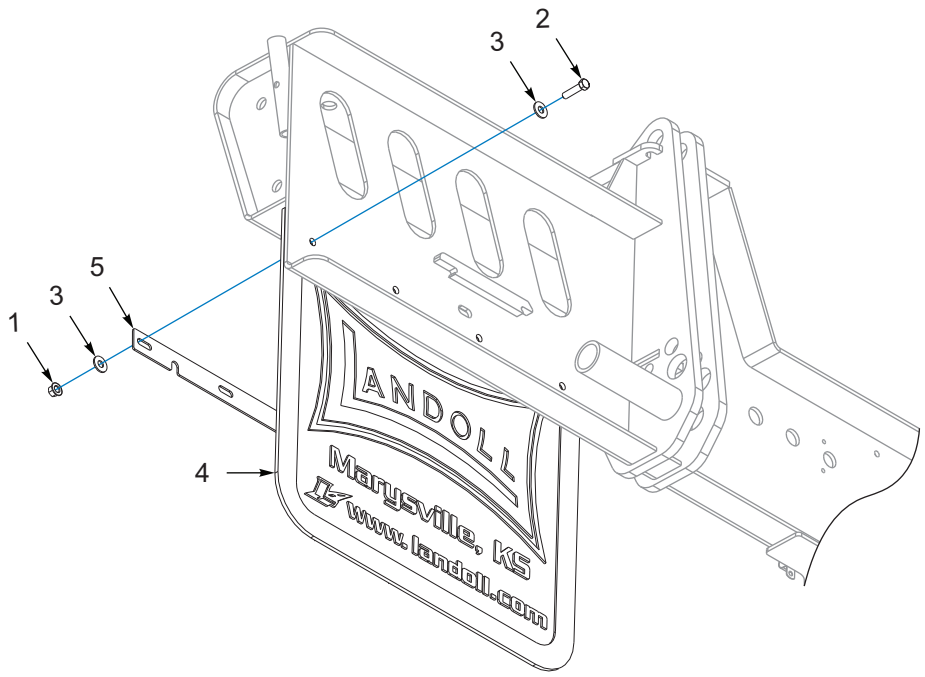
WORKS WITH PART # 232717 COVER, TRUNNION TROUGH, FRONT (OPTION)

Figure 3-10: Decking, Trunnion Filler, Short Length, Wood (Option)

Decking, Trunnion Filler, Short Length, Wood (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	232716	DECK TRUN CTR 855F-54 SHRT **(54" AXLES, 255/70R22.5 TIRES)**	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
2	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
3	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
4	145499	PRESERVATIVE WOODGUARD **(BY THE GALLON) (NOT SHOWN)**	0.25
5	158732	SCREW,5/16X2-1/4ZP TORX FLOOR	50
6	238035	TRL CLR FLR WLDMT TRUN SHRT	1
7	RWD39000	APITONG, 1-3/8 X 7.08 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -

Mud Flap Components



VIEW OF STREETSIDE REAR BUMPER
(CURBSIDE USES SAME PART NUMBERS)

Figure 3-11: Mud Flap Components

Mud Flap Components

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	8
2	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	8
3	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	16
4	3-485-010001	FLAP, MUD 21 IN	2
5	3-762-010017	CLAMP MUD FLAP	2

Flag Bracket

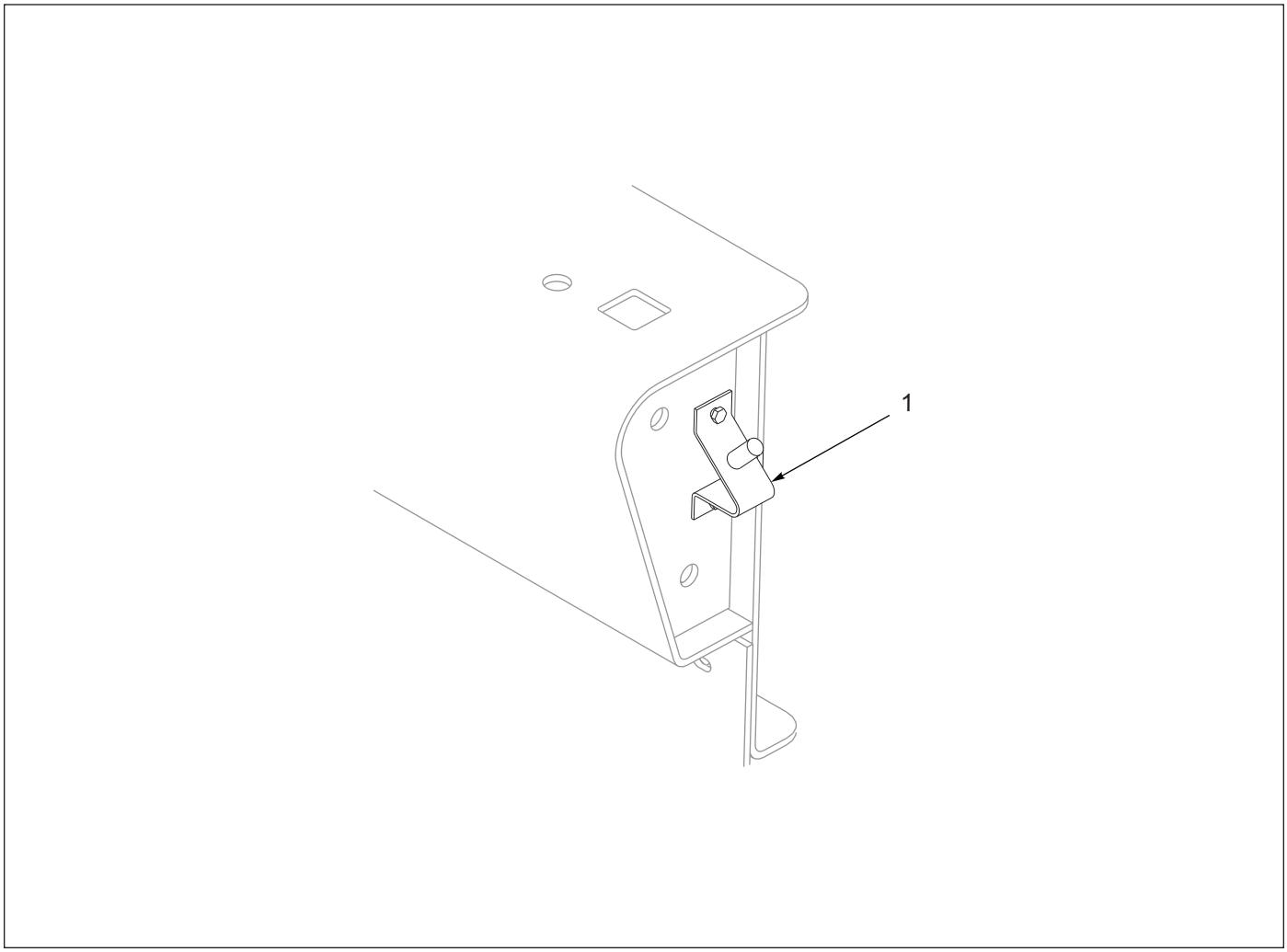


Figure 3-12: Flag Bracket

Flag Bracket

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	161775	BRACKET QUICKMOUNT FLAG **(INCLUDES HARDWARE)** **(ADDED 01/06/2025, REPLACED WELD-ON FLAG MOUNTS)**	1

Outrigger Extension, Swing Out

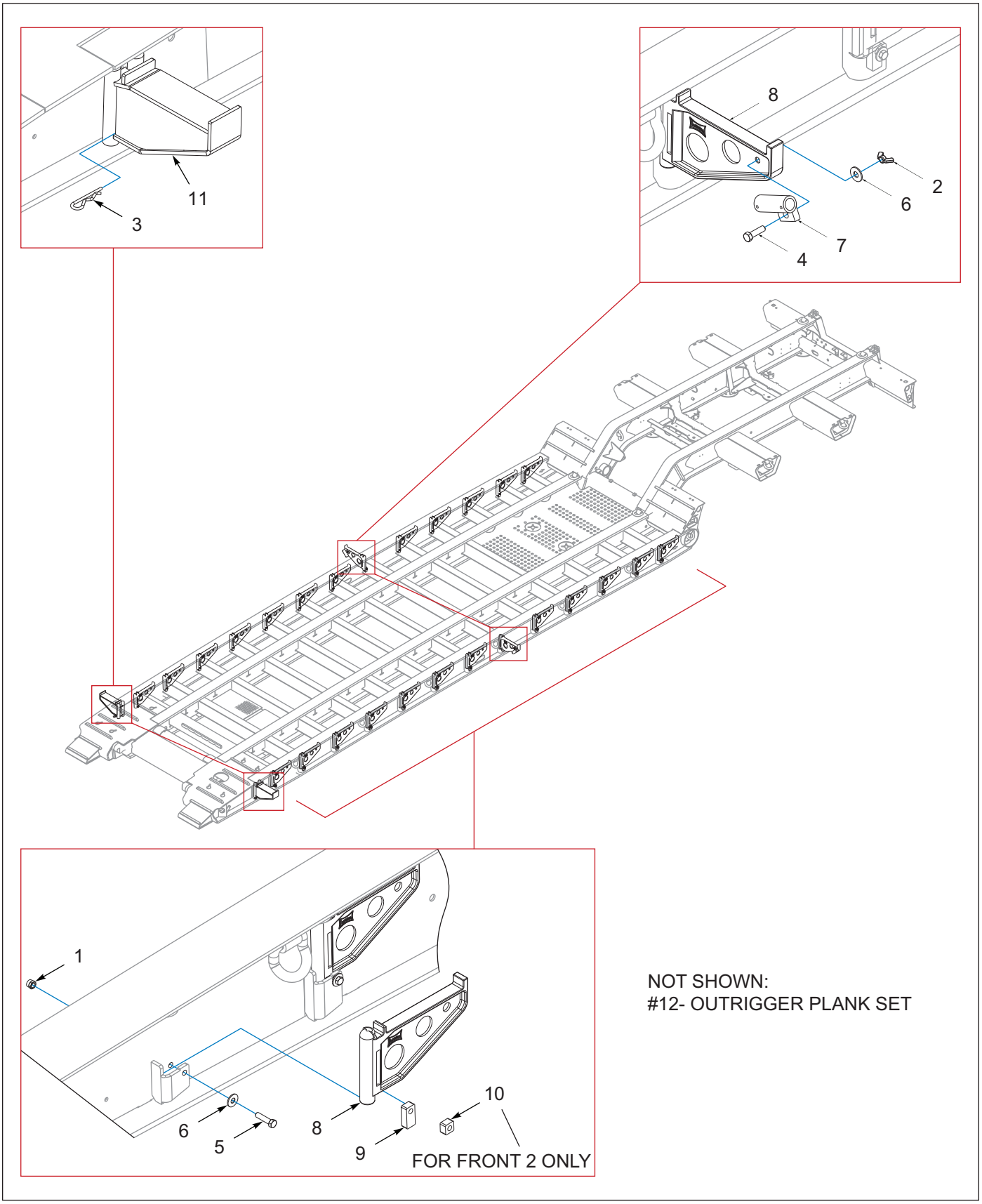


Figure 3-13: Outrigger Extension, Swing Out

Outrigger Extension, Swing Out

ITEM	PART NUMBER	DESCRIPTION	QTY.
	163102	SWINGOUT O/R 855-23-1/2'	- -
	168963	SWINGOUT O/R 855-25'	- -
	163101	SWINGOUT O/R 855-26'	- -
	239831	SWINGOUT O/R 855-27-1/2'	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB **(23-1/2' REQ 22 EACH) (25' REQ 24 EACH)** **(26' REQ 26 EACH) (27-1/2' REQ 28 EACH)**	- -
2	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
3	1-557-010014	PIN, HAIR 1/4 DIA	2
4	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	2
5	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5 **(23-1/2' REQ 22 EACH) (25' REQ 24 EACH)** **(26' REQ 26 EACH) (27-1/2' REQ 28 EACH)**	- -
6	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(23-1/2' REQ 24 EACH) (25' REQ 26 EACH)** **(26' REQ 28 EACH) (27-1/2' REQ 30 EACH)**	- -
7	114741	HOLDER FLAG WLDMT	2
8	167-0022	OUTRIGGER FOR 10 CHANNEL **(23-1/2' REQ 22 EACH) (25' REQ 24 EACH)** **(26' REQ 26 EACH) (27-1/2' REQ 28 EACH)**	- -
9	182009	STOP BLOCK O/R **(23-1/2' REQ 20 EACH) (25" REQ 22 EACH)** **(26' REQ 24 EACH) (27-1/2' REQ 26 EACH)**	- -
10	184391	STOP BLOCK O/R 400 **(USED ON FRONT 2 OUTRIGGERS ONLY)**	2
11	3-311-015001	OUTRIGGER WLDMT FRONT	2
12	163580	OUTRIGGER PLANK SET FOR 855 **(NOT SHOWN)** **(2-3/4" X 5" X 84" LONG, SET OF 4)**	1

Outrigger Extension, Swing Out, Dropside

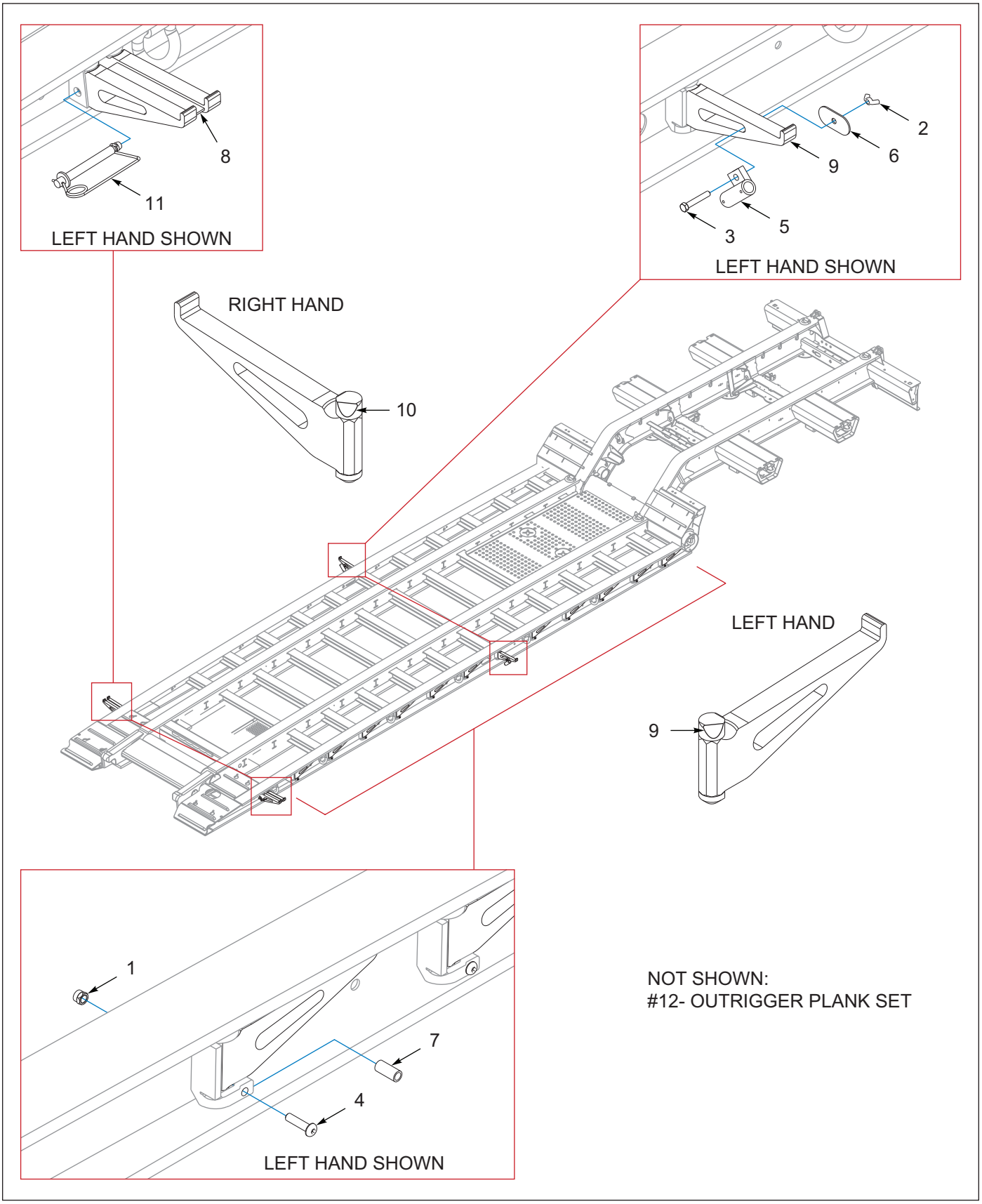


Figure 3-14: Outrigger Extension, Swing Out, Dropside

Outrigger Extension, Swing Out, Dropside

ITEM	PART NUMBER	DESCRIPTION	QTY.
	230575	SWING-OUT O/R 855 DS **(DROPSIDE)**	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	24
2	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
3	1-654-010055-09	SCREW,HX CP,1/2-13UNCX3 GR5	2
4	1-654-010089-13	SCREW,SKT BTN CP 1/2-13UNCX2	24
5	114741	HOLDER FLAG WLDMT	2
6	147312	WASHER BACK-UP FENDER MT	2
7	154997	TUBE 0.75ODX0.532IDX0.75 ZP	24
8	230104	OUTRIGGER WLDMT, DOUBLE FRONT	2
9	230093	OUTRIGGER,FAB,SWING-OUT,LH **(LEFT HAND)**	12
10	230190	OUTRIGGER,FAB,SWING-OUT,RH **(RIGHT HAND)**	12
11	346SL	LOCK HITCH PIN	2
12	163580	OUTRIGGER PLANK SET FOR 855 **(NOT SHOWN)** **(2-3/4" X 5" X 84" LONG, SET OF 4)**	1

Wheel Covers, Individual Wheel, Poly (Options)

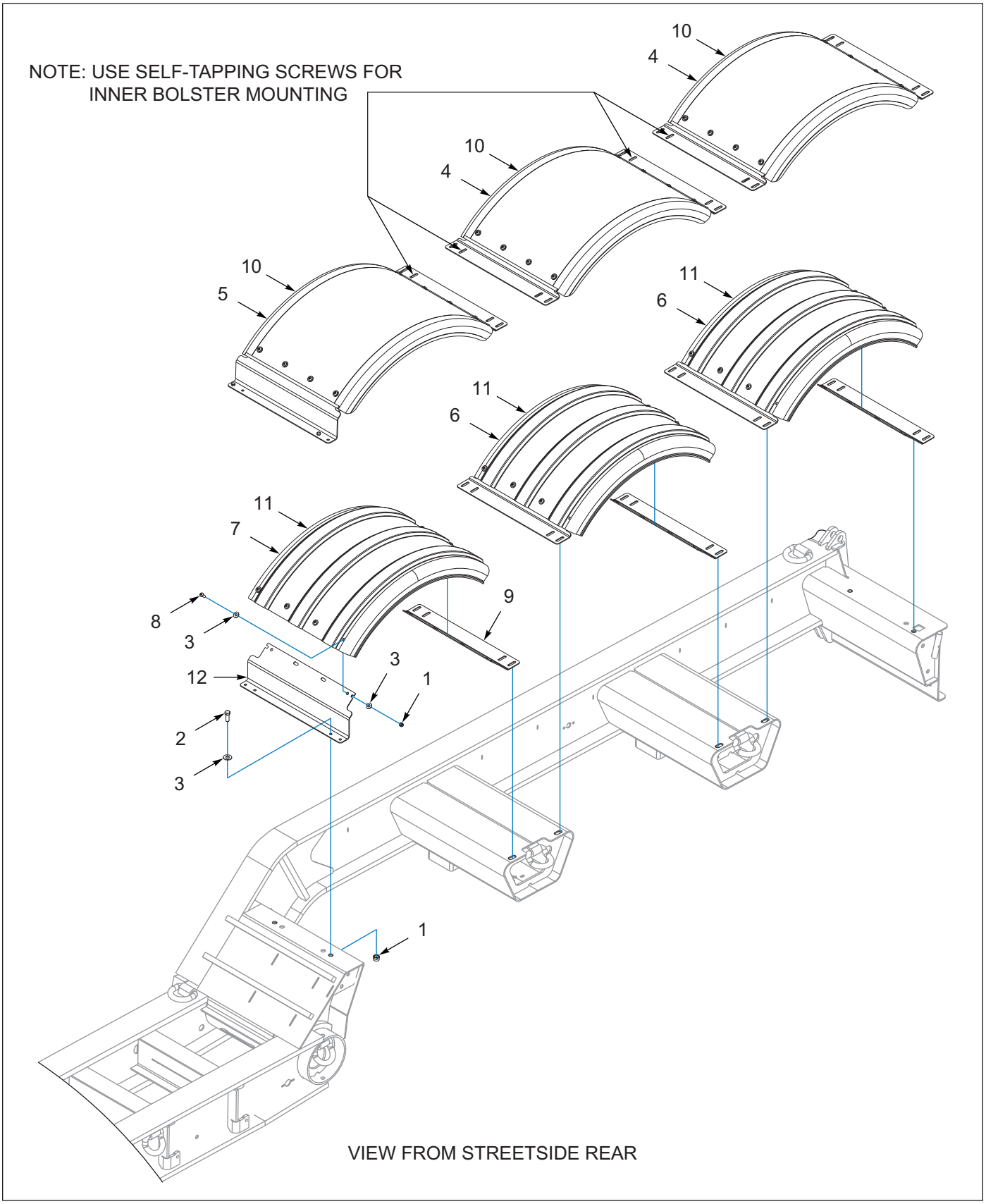


Figure 3-15: Wheel Covers, Individual Wheel, Poly (Options)

Wheel Covers, Individual Wheel, Poly (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	171976	FENDER INSTL BLK-POLY 800 3AX **(BLACK)** **(INCLUDES ITEMS 1-5)**	1
	171981	FENDER INSTL CHR-POLY 800 3AX **(CHROME)** **(INCLUDES ITEMS 1-3, 6-7)**	1
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16 **(ITEMS 4-7 INCLUDE AN ADDITIONAL 8 EACH TO MOUNT FENDER TO MOUNT BRACKETS)**	16
2	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	16
3	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD **(ITEMS 4-7 INCLUDE AN ADDITIONAL 16 EACH TO MOUNT FENDER TO MOUNT BRACKETS)**	20
4	174020	FENDER SUB-ASSY BLK POLY **(BLACK REAR)** **(INCLUDES ITEMS 1, 3, 8-10)**	4
5	174021	FENDER SUB-ASSY FRT BLK POLY **(BLACK FRONT)** **(INCLUDES 1, 3, 8-10, 12)**	2
6	174023	FENDER SUB-ASSY CHR POLY DUAL **(CHROME REAR)** **(INCLUDES 1, 3, 8-9, 11)**	4
7	174024	FENDER SUB-ASSY FRT CHR POLY **(CHROME FRONT)** **(INCLUDES 1, 3, 8-9, 11-12)**	2
8	108336	SCREW SKT BTN 3/8-16X1	8
9	171984	BRACKET MTG FENDER **(REAR REQ 2 EACH)** **(FRONT REQ 1 EACH)**	- -
10	174019	FENDER MOD BLK POLY DUAL **(BLACK)**	1
11	171983	FENDER MOD CHROME POLY **(CHROME)**	1
12	174022	BRACKET MTG FRONT FENDER **(FRONT ONLY)**	1

Wheel Covers, Individual Wheel, Steel (Options)

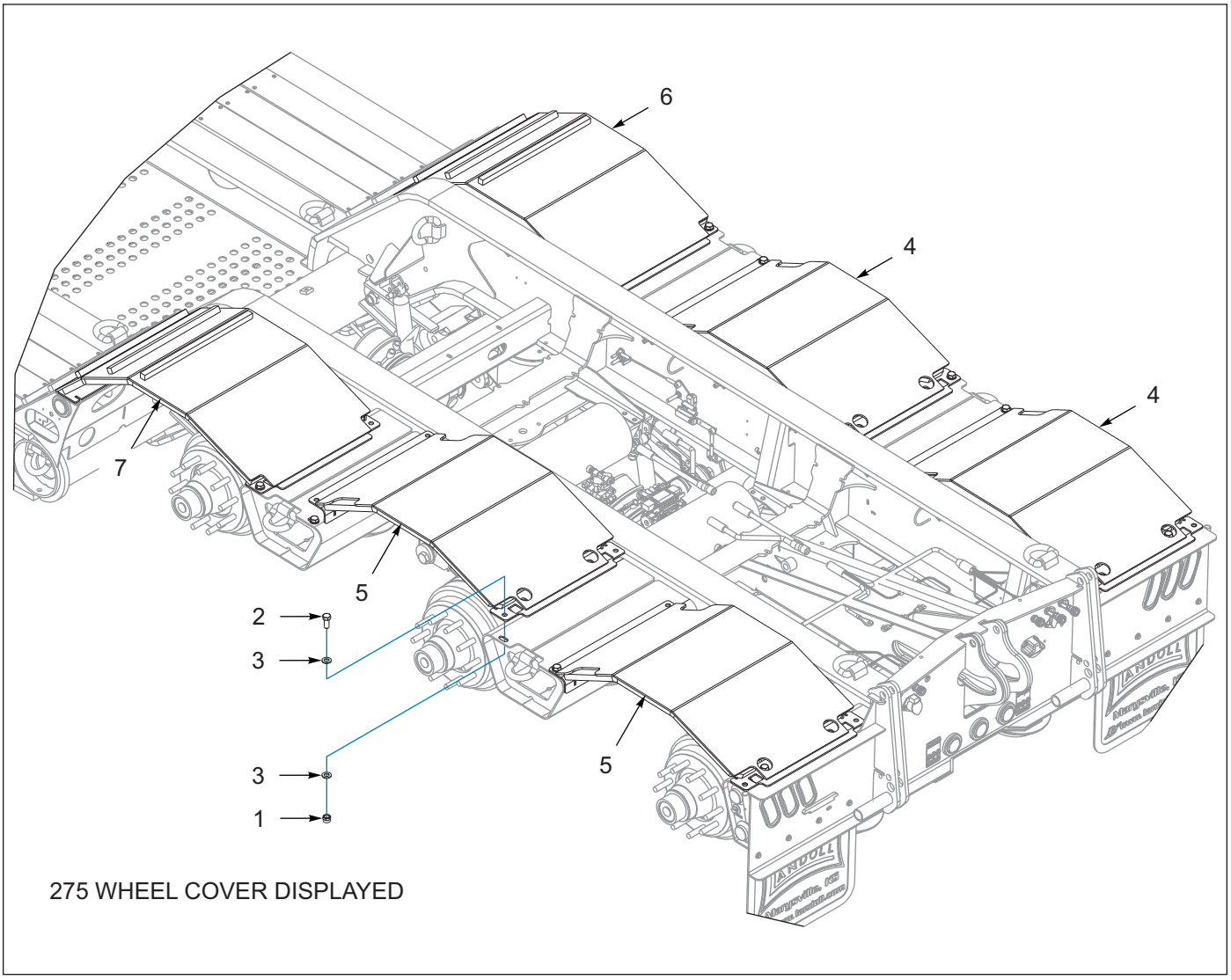


Figure 3-16: Wheel Covers, Individual Wheel, Steel (Options)

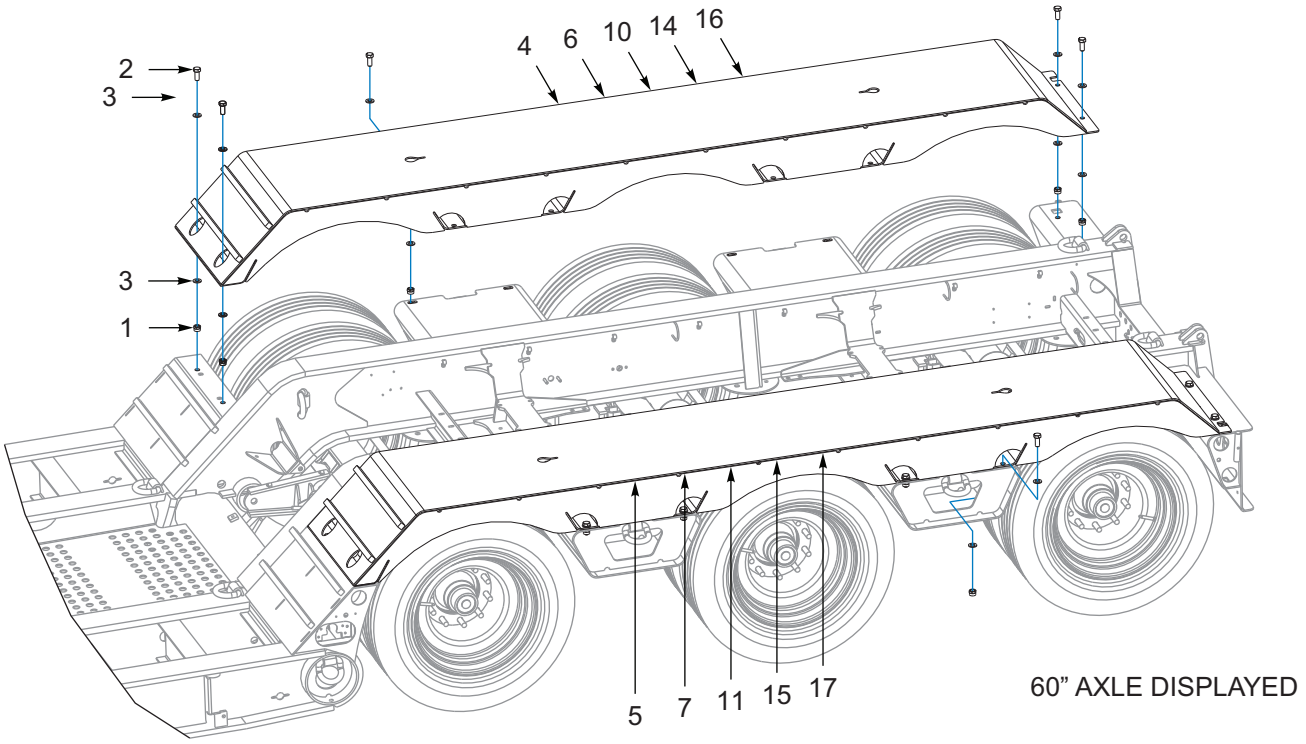
Wheel Covers, Individual Wheel, Steel (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	164838	WHEEL COVER ASSY 855-102 **(255 TIRES)**	- -
	165151	WHEEL COVER ASSY 855-102-275 **(275 TIRES)**	- -
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	14
2	1-654-010061-04	SCREW,HX CP 3/4-10UNCX1-3/4	14
3	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	28
4	164828	WHEEL COVER WLDMT 855 RH **(255)**	2
4	165152	WHEEL COVER WLDMT 855 RH-275 **(275)**	2
5	164829	WHEEL COVER WLDMT 855 LH **(255)**	2
5	165160	WHEEL COVER WLDMT 855 LH-275 **(275)**	2
6	164830	WHEEL COVER FRONT 855 RH WLDMT **(255)**	1
6	165156	WHEEL COVER FRT 855 RH-275 **(275)**	1
7	164831	WHEEL COVER FRONT 855 LH WLDMT **(255)**	1
7	165161	WHEEL COVER FRT 855 LH-275 **(275)**	1

Table provided for general use.

NOTES:

Wheel Covers, One-Piece, Steel (Options)



IMPORTANT: IF ORDERING REPLACEMENT WHEELS COVER ASSEMBLIES, PROVIDE THE DEALER WITH THE TRAILER VIN NUMBER TO PROPERLY IDENTIFY ORIGINAL PARTS.

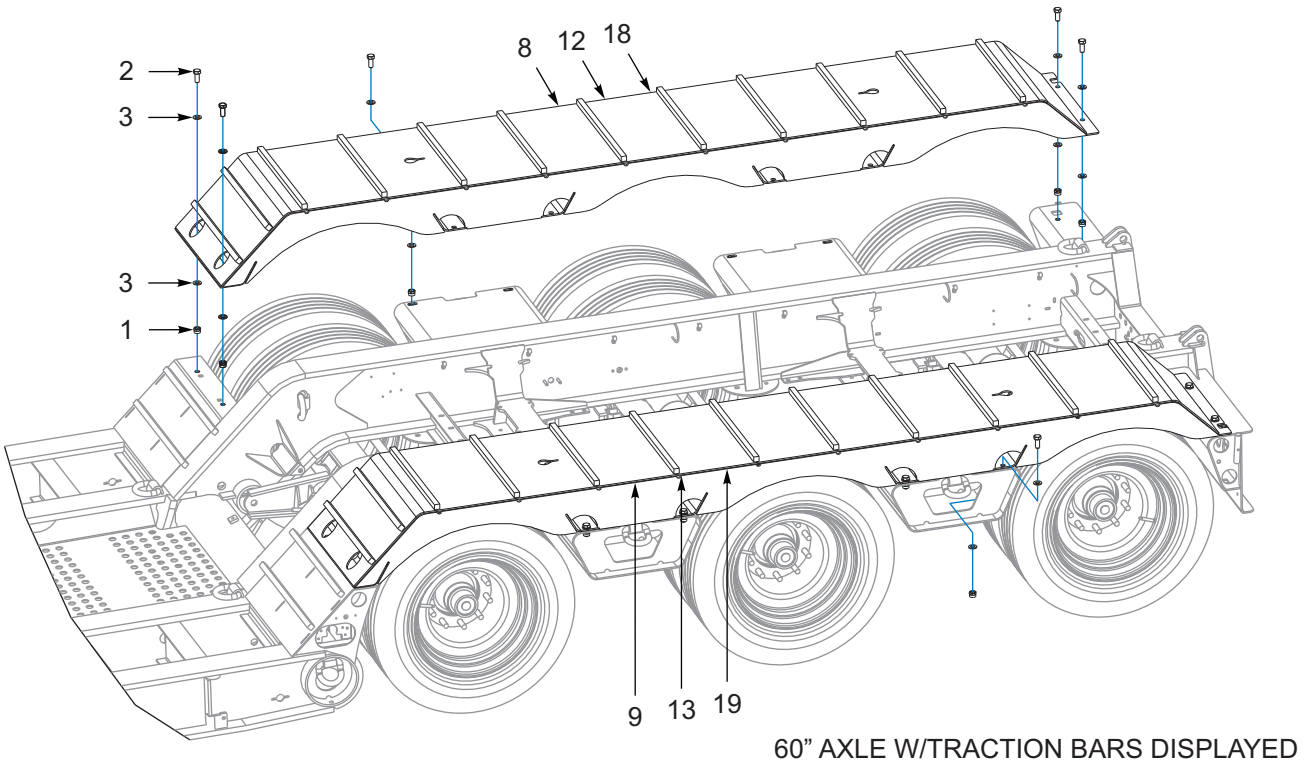


Figure 3-17: Wheel Covers, One-Piece, Steel (Options)

Wheel Covers, One-Piece, Steel (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	180455	WHEEL COVER 855-50 BOLT-ON **(50" AX)** **(255 OR 275 TIRES) (INCLUDES ITEMS 1-5)**	1
	178754	WHEEL COVER 855-54 BOLT ON **(54" AX)** **(255 OR 275 TIRES) (INCLUDES ITEMS 1-3, 6-7)**	1
	176466	WHEEL COVER LBBOT 855 54-275 **(54" AX LP W/TRACT BARS)** **(255 OR 275 TIRES) (INCLUDES ITEMS 1-3, 8-9)**	1
	210063	WHEEL COVER 855-54(255)BOLT-ON **(54" AX LP)** **(255 TIRES) (INCLUDES ITEMS 1-3, 10-11) (LOW PRO)**	1
	228617	WHEEL CVR 855-54 (255) TRAC **(54" AX LP W/TRACT BARS)** **(255 TIRES) (INCLUDES ITEMS 1-3, 12-13) (LOW PRO)**	1
	182075	WHEEL COVER 855-108-54 BOLT-ON **(54" AX 108" WIDE TLR)** **(255 OR 275 TIRES) (INCLUDES ITEMS 1-3, 14-15)**	1
	224258	WHEEL CVR INSTL 855-60-275 **(60" AX)** **(255 OR 275 TIRES) (INCLUDES ITEMS 1-3, 16-17)**	1
	174112	WHEEL COVER LBBOT 855 60-275 **(60" AX W/TRACT BAR)** **(255 OR 275 TIRES) (INCLUDES ITEMS 1-3, 18-19)**	1
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	16
2	1-654-010061-04	SCREW,HX CP 3/4-10UNCX1-3/4	16
3	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	32
4	180453	WHEEL COVER WLDMT RH 855-50 **(50" AX)**	1
4	180761	GAVL OF 180453(RH WHEEL COVER) **(50" AX GALV)**	1
5	180454	WHEEL COVER WLDMT LH 855-50 (**50" AX)**	1
5	180762	GALV OF 180454(LH WHEEL COVER) **(50" AX GALV)**	1
6	236100	WHEEL COVER RH 855-54 TRL CLR **(54" AX)**	1
6	218838	GALV OF 178755 (WL CVR 855 RH) **(54" AX GALV)**	1
7	236101	WHEEL COVER LH 855-54 TRL CLR **(54" AX)**	1
7	218839	GALV OF 178755 (WL CVR 855 LH) **(54" AX GALV)**	1
8	236102	WHL CVR RH 855-54 TRAC TRL CLR **(54" AX LP W/TRAC BARS)**	1
8	233901	WHL CVR WLDMT RH275 855-54GALV **(54" AX LP W/TRAC BARS GALV)**	1
9	236103	WHL CVR LH 855-54 TRAC TRL CLR **(54" AX W/TRAC BARS)**	1
9	233900	WHL CVR WLDMT LH275 855-54GALV **(54" AX W/TRAC BARS GALV)**	1
10	233138	WHEEL COVER RH 855-54 TRL CLR **(54" AX LP)**	1
10	233139	GALV OF 210064 (WHL CVR RH) **(54" AX LP GALV)**	1
11	233140	WHEEL COVER LH 855-54 TRL CLR **(54" AX LP)**	1
11	233141	GALV OF 210065 (WHL CVR LH) (**54" AX LP GALV)**	1
12	233142	WHL CVR R 855-54 TRAC TRL CLR **(54" AX LP W/TRACT BARS)**	1
12	233143	GALV OF 228618 (WHL CVR T/B R) **(54" AX LP W/TRAC BARS GALV)**	1
13	233144	WHL CVR L 855-54 TRAC TRL CLR **(54" AX LP W/TRACT BARS)**	1
13	233145	GALV OF 228619 (WHL CVR T/B R) **(54" AX LP W/TRAC BARS GALV)**	1
14	182076	WHEEL CVR WLDMT RH 855-108-54 (**54" AX 108" WIDE TLR)**	1
15	182077	WHEEL CVR WLDMT LH 855-108-54 (**54" AX 108" WIDE TLR)**	1
16	224256	WHEEL CVR WLDMT RH 275 855-60 **(60" AX)**	1
17	224257	WHEEL CVR WLDMT LH 275 855-60 **(60" AX)**	1
18	174113	WHEEL CVR WLDMT LH 855 60-275 **(60" AX W/TRACT BAR)**	1
19	174114	WHEEL CVR WLDMT RH 855 60-275 **(60" AX W/TRACT BAR)**	1

Flip Axle & Beavertail Assemblies (Options)

Flip Axle & Mud Flap Components (Option)

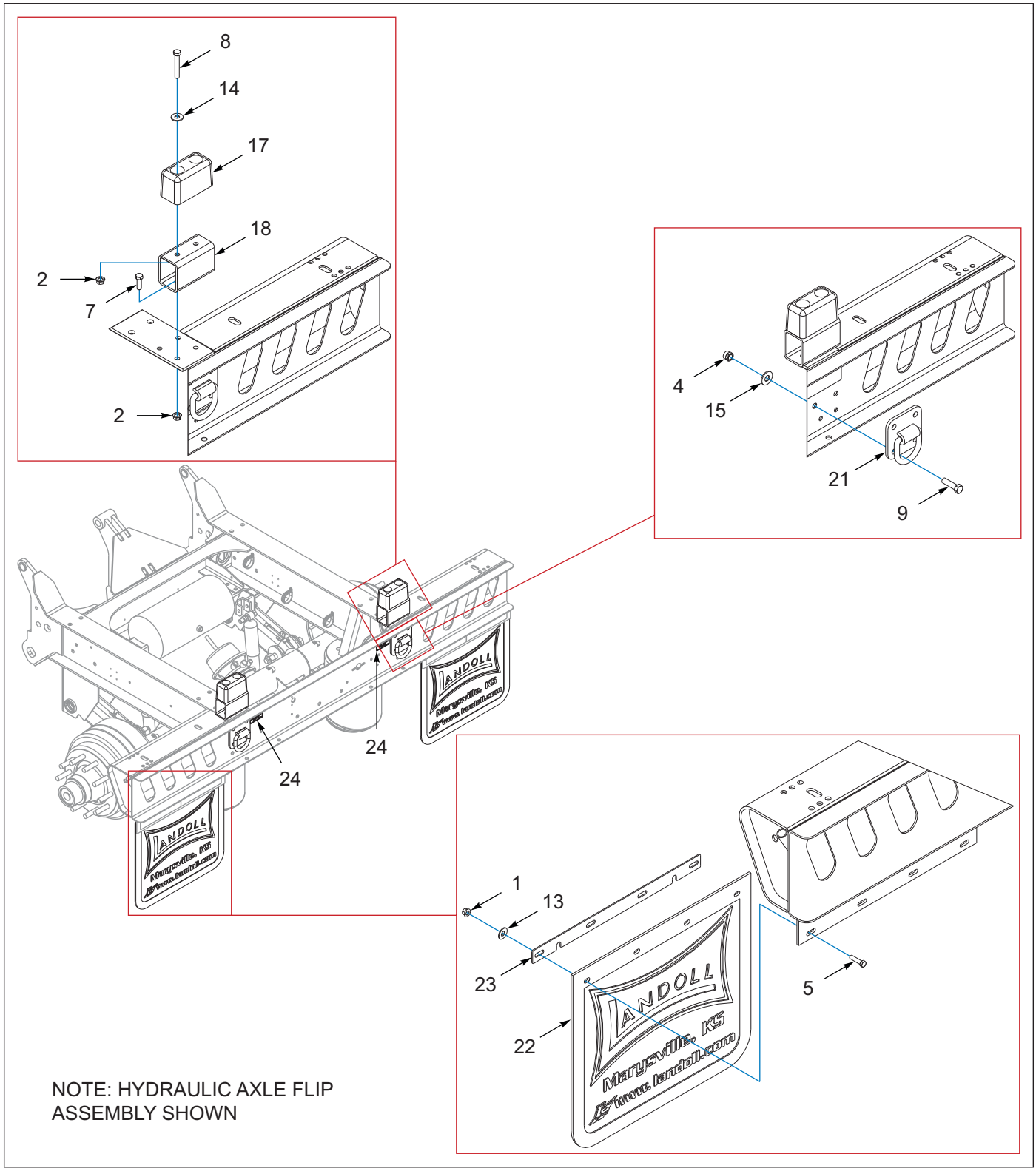


Figure 4-1: Flip Axle & Mud Flap Components (Option) (1 of 2)

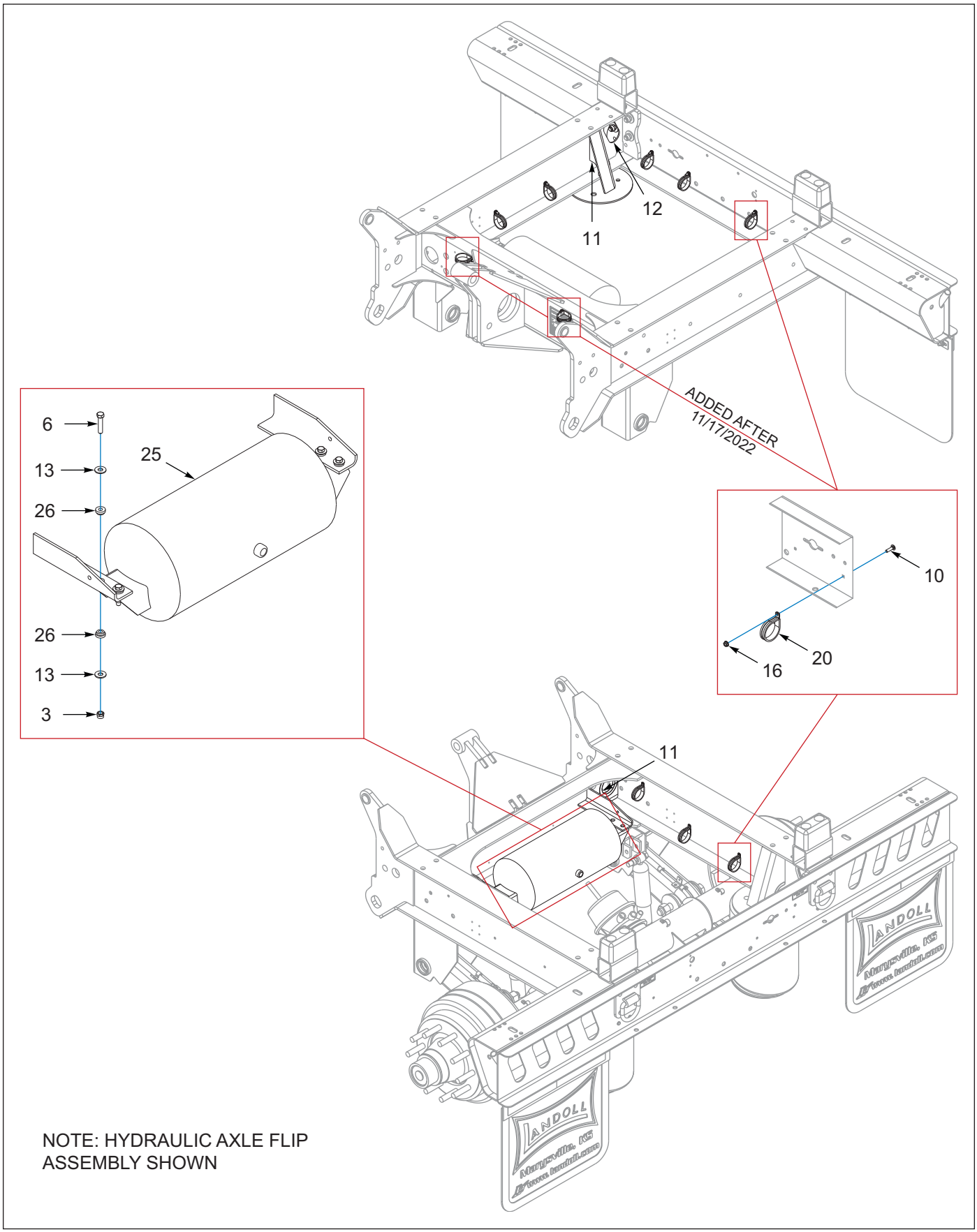


Figure 4-2: Flip Axle & Mud Flap Components (Option) (2 of 2)

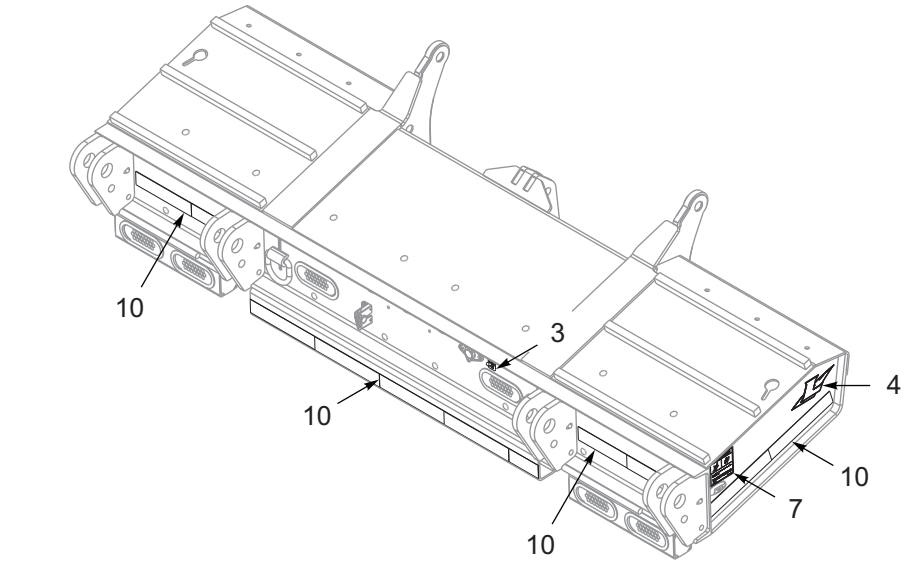
Flip Axle & Mud Flap Components (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	218803	FLIP ASSY 800F-60"-102"	- -
	218808	FLIP ASSY 800F-60"-102" HYD	- -
1	1-510-010001	NUT, 3/8-16 UNC LOCK	8
2	1-510-010003-09	NUT,1/2-13 HD,SERRATED	8
3	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
4	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
5	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	8
6	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	4
7	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
8	1-654-010055-10	SCREW HEX CAP 1/2-13X3-1/4GR5	4
9	1-654-010059-06	SCREW,HEX CAP 5/8-11X2-1/4 G5	8
10	1-654-010158-02	SCREW,RHD,SQ NCK 1/4-20UNCX1 **(BEFORE 11/17/2022, REQ 12 EACH)**	14
11	1-822-010001	TRIM 1350 3/8BLK FINE PEBBLE **(BY THE FOOT)**	2
12	1-822-010002	TRIM-LOK 3/16 **(BY THE FOOT)**	2.5
13	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	16
14	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	4
15	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	8
16	108417	NUT SPIRAL 1/4-20HX FG **(BEFORE 11/17/2022, REQ 12 EACH)**	14
17	128874	BUMPER RUBBER 6X3X3-1/2	2
18	148811	MOUNT RUBBER BUMPER	2
19	189278	PLUG, PLASTIC PANEL 1/2 & 9/16 **(NOT SHOWN)**	4
20	202930	CLAMP,PART CUSH ALUM,2 **(BEFORE 11/17/2022, REQ 12 EACH)**	14
21	218337	LIFT ANCHOR, REAR D-RING WLDMT	2
22	3-485-010001	FLAP, MUD 21 IN	2
23	3-762-010017	CLAMP MUD FLAP	2
24	3-573-010496	DECAL WARNING TIE DOWN **(DECALS - SEE PAGE 1-11)** **(BEFORE 04/10/2023)**	2
24	243358	DECAL NOTICE D-RING CAPACITY**(DECALS - SEE PAGE 1-11)** **(AFTER 04/10/2023)**	2
25	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS **(AIR SYSTEMS - SEE PAGE 10-25)**	1
26	805-2	BUSHINGS, STEP	8

Table provided for general use.

NOTES:

Flip Beavertail Components (Option)



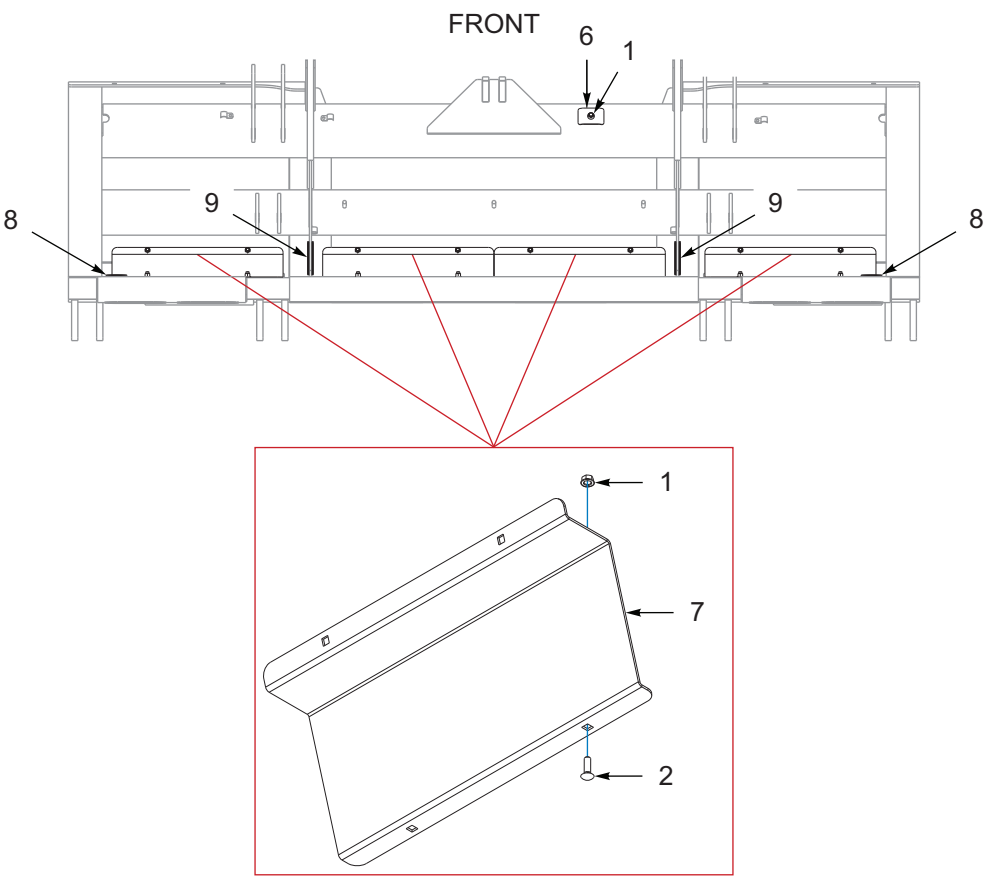


Figure 4-3: Flip Beavertail Components (Option)

Flip Beavertail Components

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228658	PIN-ON B/T ASSY 800 PAINTED	- -
	228659	PIN-ON B/T ASSY 800 GALV	- -
1	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	17
2	111276	SCREW RDHD SQNK 3/8-16X1 GR5	16
3	130116	DECAL, ON/OFF LIGHT **(DECAL PLACEMENT - SEE PAGE 1-8)**	1
4	192205	DECAL HWY L, 7-3/8 X 2-7/8 **(DECAL PLACEMENT - SEE PAGE 1-8)**	2
5	2-573-010335	DECAL, DANGER PINCHING **(DECAL PLACEMENT - SEE PAGE 1-8)**	2
6	228615	CLAMP HOSE 800	1
7	228639	GUARD FI PIN-ON B/T LIGHTS	4
8	234682	GROMMET, HOLE 1-3/4IN-1/4T	2
9	234687	GROMMET, HOLE 3IN-1/4T	2
10	3-573-010377	DECAL,2"REFLEXITE TAP E,RD/WHT **(BY THE INCH)** **(DECAL PLACEMENT - SEE PAGE 1-8)**	129

Pivot Pins, Manual (Option)

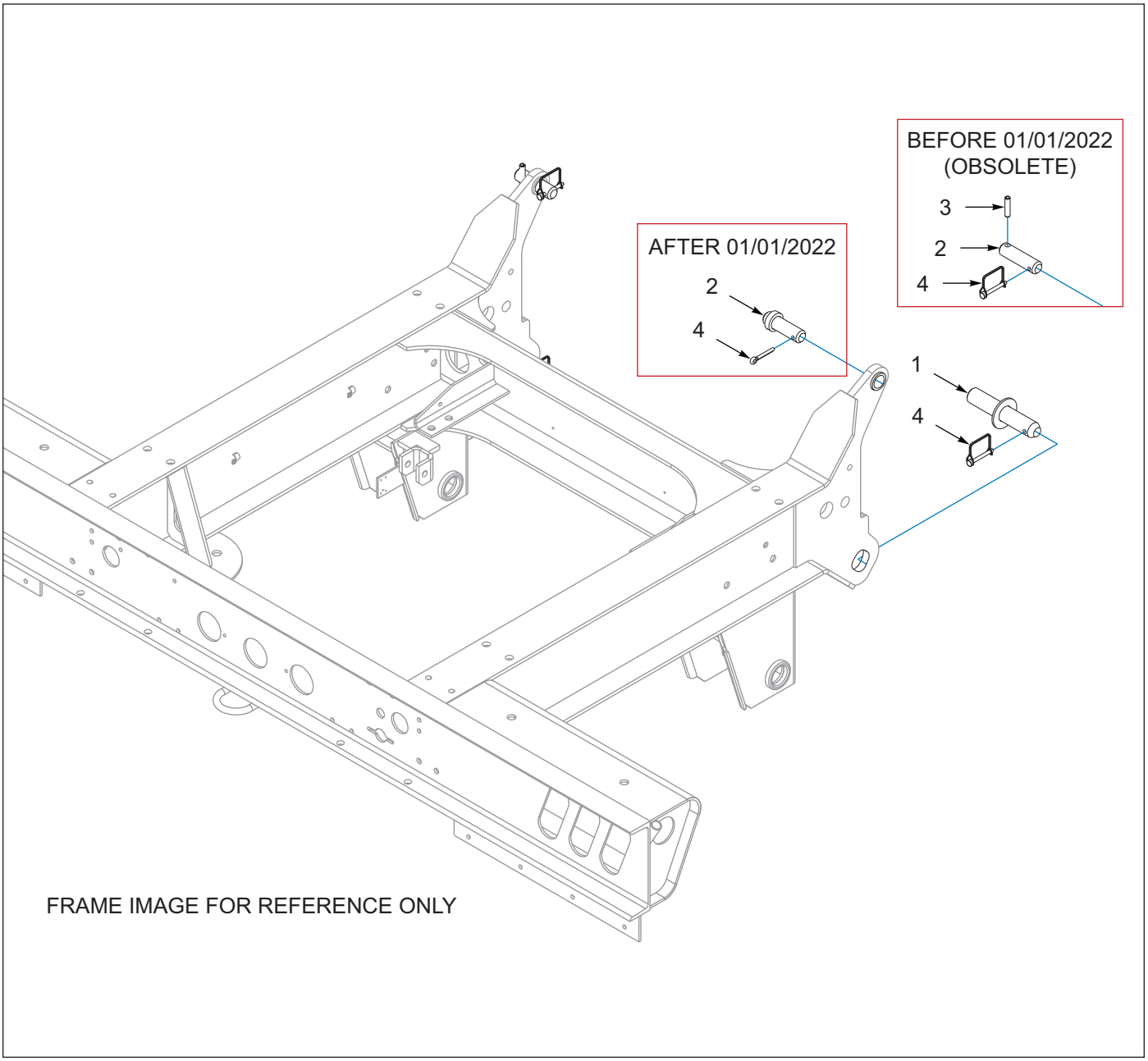


Figure 4-4: Pivot Pins, Manual (Option)

Pivot Pins, Manual (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	186922	PIN KIT FLIP AXLE OLD STYLE **(OPTION)**	1
1	114712	PIN WLDMT FLIP LOWER 835	2
2	128873	PIN, FLIP 835 W/BUSHING **(AFTER 01/01/2022 COLLAR WAS ADDED)**	2
3	141251	SPRING PIN,SLOTTED 1/2X2-1/4 **(BEFORE 01/01/2022)**	2
4	516-22PTL	RETAINING PIN MUD FLAP **(12412608, 12486627)** **(BEFORE 01/01/2022 REQ 4 EACH)**	2
4	1-557-010362-87	PIN, COTTER 3/8X2-1/2PIN **(AFTER 01/01/2022)**	2

Table provided for general use.

NOTES:

Pivot Pins, Spring Back (Options)

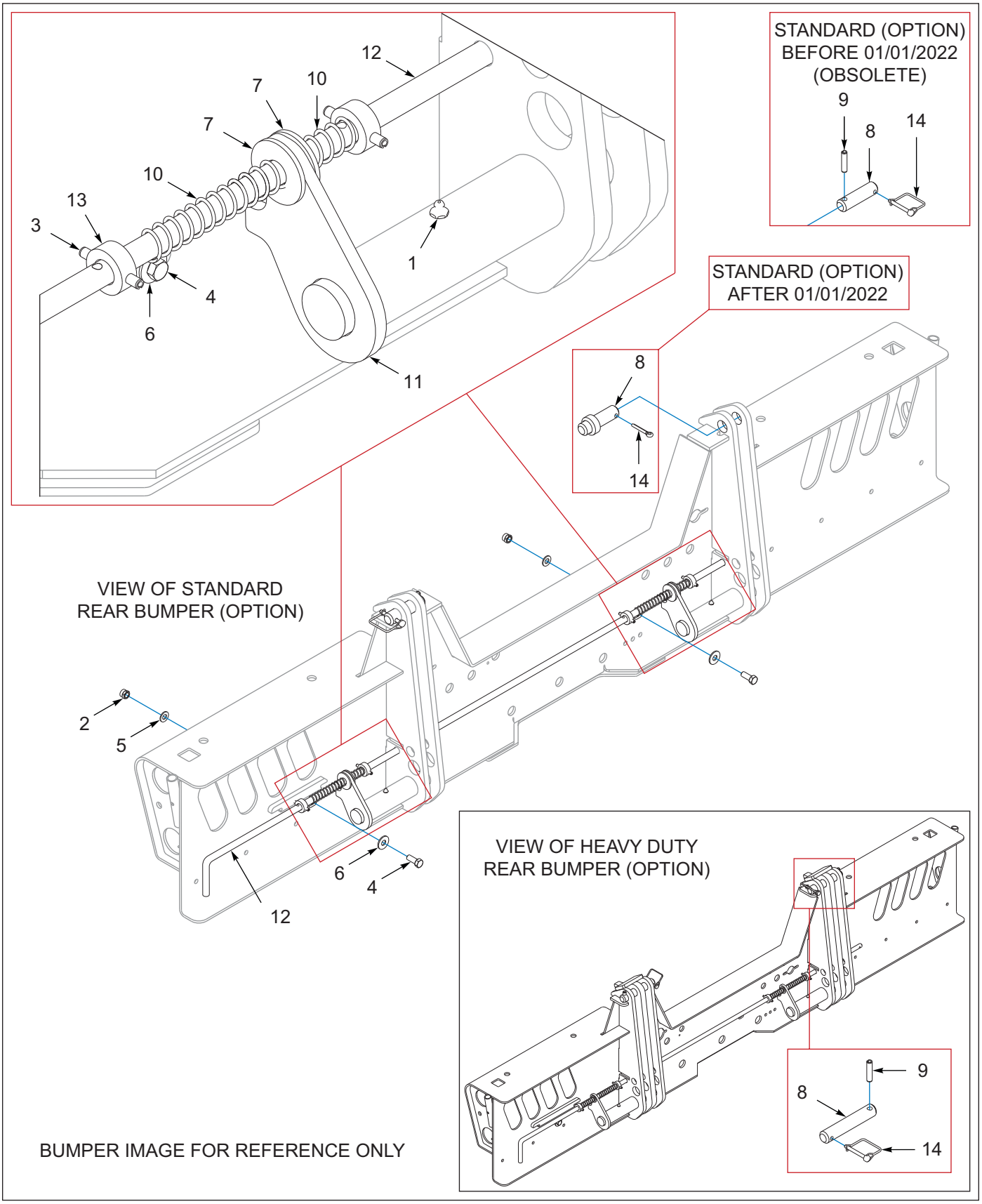


Figure 4-5: Pivot Pins, Spring Back (Options)

Pivot Pins, Spring Back (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	174069	PIN KIT SPRING LOCK FLIP AXLE **(STANDARD OPTION)**	- -
	174559	PIN KIT SPR LOCK FLIP AXLE HD **(HEAVY DUTY OPTION)**	- -
1	1-298-010001-1	ZERK FITTING 1/4 SAE **(110-4854)**	2
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
3	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED **(111789)**	4
4	1-654-010055-02	SCREW 1/2-13UNCX1-1/4 CP GR5	2
5	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	2
6	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
7	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD **(STANDARD OPTION)**	4
7	163575	WASHER SPRING RELEASE PIN **(HEAVY DUTY OPTION)**	4
8	128873	PIN, FLIP 835 W/BUSHING **(STANDARD OPTION - AFTER 01/01/2022 COLLAR WAS ADDED)**	2
8	172426	PIN UPPER SPREADER NITRO **(HEAVY DUTY OPTION)**	2
9	141251	SPRING PIN,SLOTTED 1/2X2-1/4 **(STANDARD OPTION - BEFORE 01/01/2022 REQ 2 EACH)**	2
10	163567	SPRING,COMP 0.845 OD X 4" LG	4
11	163572	PIN WLDMT FLIP AXLE LOWER 855	2
12	163573	PIN CONTROL FLIP RELEASE **(STANDARD OPTION)**	1
12	175353	PIN WLDMT FLIP AXLE LWR 855HD **(HEAVY DUTY OPTION)**	2
13	163574	BUSHING STOP PIN **(STANDARD OPTION)**	4
13	175354	PIN CTRL FLIP RELEASE HD **(HEAVY DUTY OPTION)**	1
14	516-22PTL	RETAINING PIN MUD FLAP **(12412608, 12486627)** **(STANDARD OPTION - BEFORE 01/01/2022)**	2
14	1-557-010362-87	PIN, COTTER 3/8X2-1/2PIN **(STANDARD OPTION - AFTER 01/01/2022)**	2

Hydraulic Flip Axle, Pivot Hardware (Option)

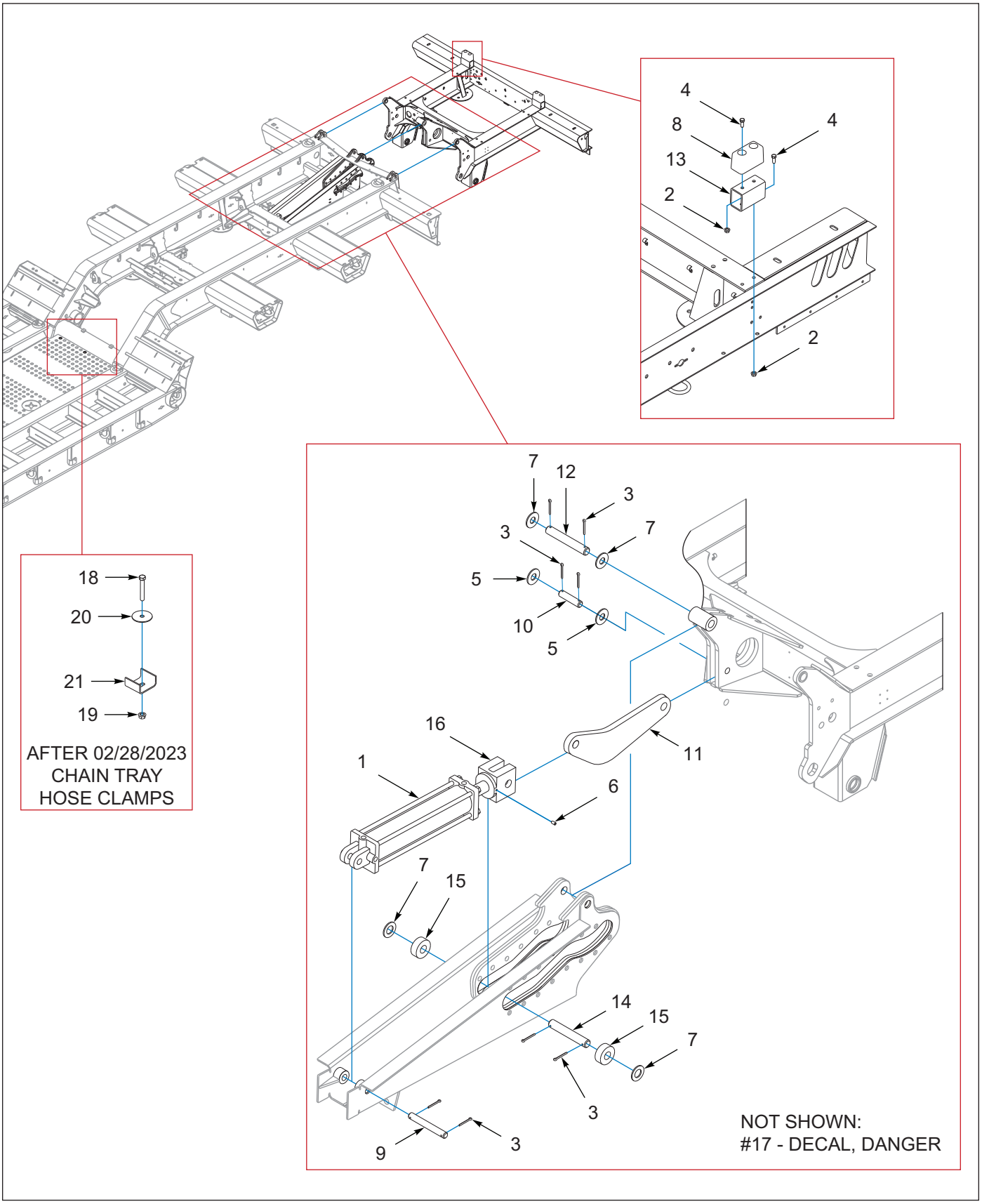


Figure 4-6: Hydraulic Flip Axle, Pivot Hardware (Option)

Hydraulic Flip Axle, Pivot Hardware (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	199995	PLUMBING FOR HYD FLIP "E"	- -
1	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI **(CYLINDER COMPONENTS - SEE PAGE 12-37)**	1
2	1-510-010003-09	NUT,1/2-13 HD,SERRATED	8
3	1-557-010362-63	PIN,COTTER 1/4X2 ZP	8
4	1-654-010055-02	SCREW 1/2-13UNCX1-1/4 CP GR5	8
5	1-861-010032-25	WASHER FL 1IN WIDE ZP **(1" ID)**	2
6	114987	SCREW,SET,HX SKT,3/8-16X3/4	1
7	116100	WASHER 1-1/4 NAR FL ZP/CD **(1-1/4" ID)**	4
8	128874	BUMPER RUBBER 6X3X3-1/2	2
9	129146	PIN HINGE BUMPER PIVOT **(1" X 7-3/4")**	1
10	133458	PIN CYL ROD END **(1" X 4-1/4")**	1
11	148028	LINK HYD FLIP AXLE	1
12	148783	PIN HINGE HYD FLIP **(1-1/4" X 8-1/4")**	1
13	148811	MOUNT RUBBER BUMPER	2
14	150057	PIN HINGE HYD FLIP **(1-1/4" X 7-3/4")**	1
15	150058	ROLLER HYD FLIP AXLE	2
16	150059	CLEVIS CYL FLIP AXLE	1
17	2-573-010037	DECAL, DANGER, WING **(DECALS - SEE PAGE 1-11)**	1
18	1-654-010051-11	SCREW HX CP 3/8-16X2-1/2 G5ZP **(AFTER 02/28/2023)**	3
19	107470	NUT,SPIRALOCK 3/8-16HX **(AFTER 02/28/2023)**	3
20	159522	WASHER FLAT 2 OD X 13/32 ID **(AFTER 02/28/2023)**	3
21	2-181-010001	HOSE CLAMP **(AFTER 02/28/2023)**	3

Hydraulic Flip Beavertail, Pivot Hardware (Option)

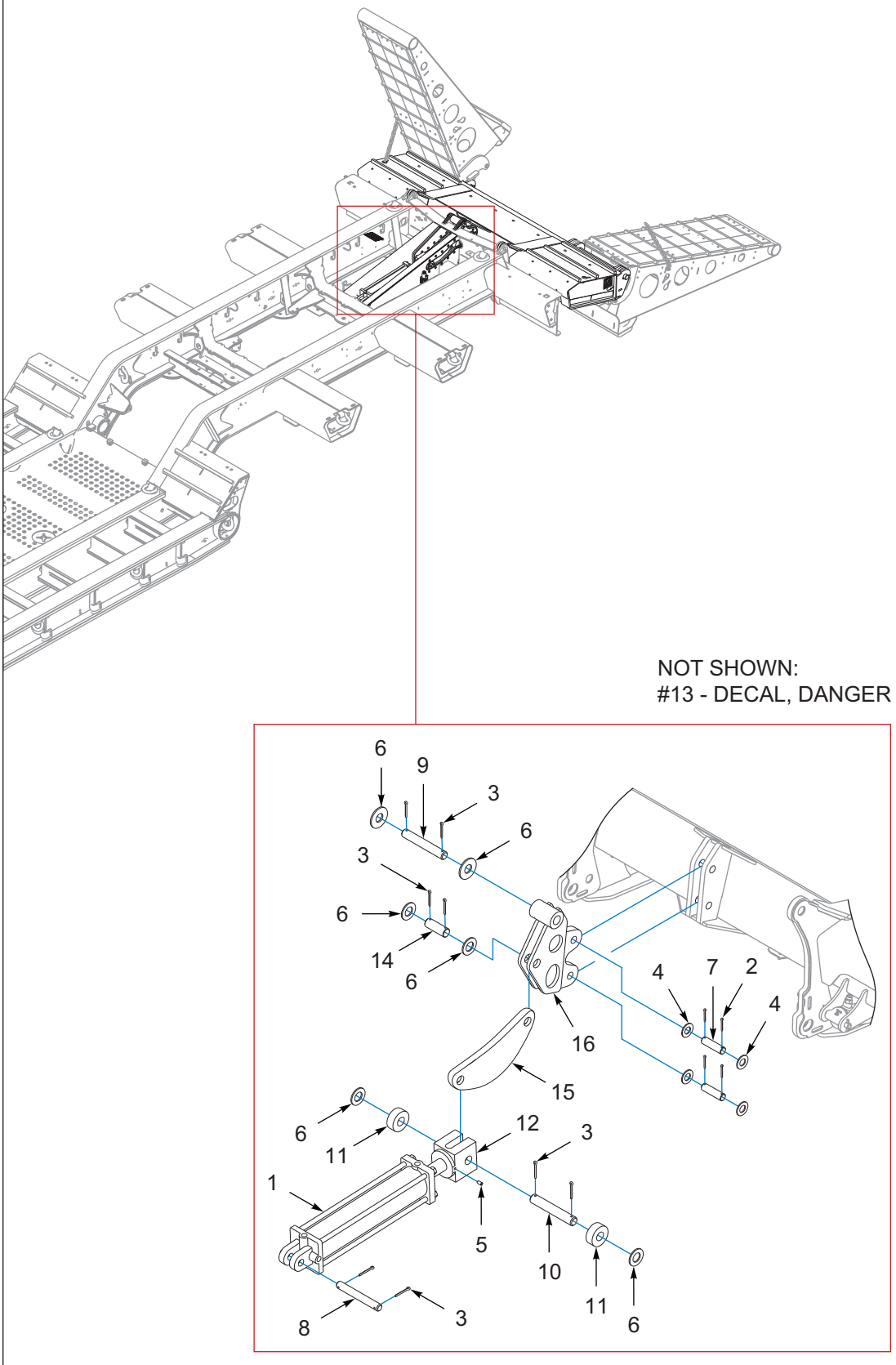


Figure 4-7: Hydraulic Flip Beavertail, Pivot Hardware (Option)

Hydraulic Flip Beavertail, Pivot Hardware (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228669	PLUMBING FLIP B/T, HYD RAMPS **(REQUIRES ITEMS 1-15)**	- -
1	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI	1
2	1-557-010362-51	PIN, COTTER 3/16X1-1/2	4
3	1-557-010362-63	PIN,COTTER 1/4X2 ZP	8
4	1-861-010032-24	WASHER FL 1IN NARROW ZP **(1" ID)**	4
5	114987	SCREW,SET,HX SKT,3/8-16X3/4	1
6	116100	WASHER 1-1/4 NAR FL ZP/CD **(1-1/4" ID)**	6
7	118726	PIN, HYDRAULIC 01544 **(1" X 3-5/8")**	2
8	129146	PIN HINGE BUMPER PIVOT **(1" X 7-3/4")**	1
9	148783	PIN HINGE HYD FLIP **(1-1/4" X 8-1/4")**	1
10	150057	PIN HINGE HYD FLIP **(1-1/4" X 7-3/4")**	1
11	150058	ROLLER HYD FLIP AXLE	2
12	150059	CLEVIS CYL FLIP AXLE	1
13	2-573-010037	DECAL, DANGER, WING **(NOT SHOWN - SEE PAGE 1-13)**	1
14	228612	PIN, 1-1/4X3-1/2" W/ HOLES **(1-1/4" X 3-1/2")**	1
15	228614	LINK HYD FLIP PIN-ON B/T	1
16	228663	WLDMT LINK ADPTR HYD FLIP B/T	1

Wheel Covers, Individual, Poly (Option)

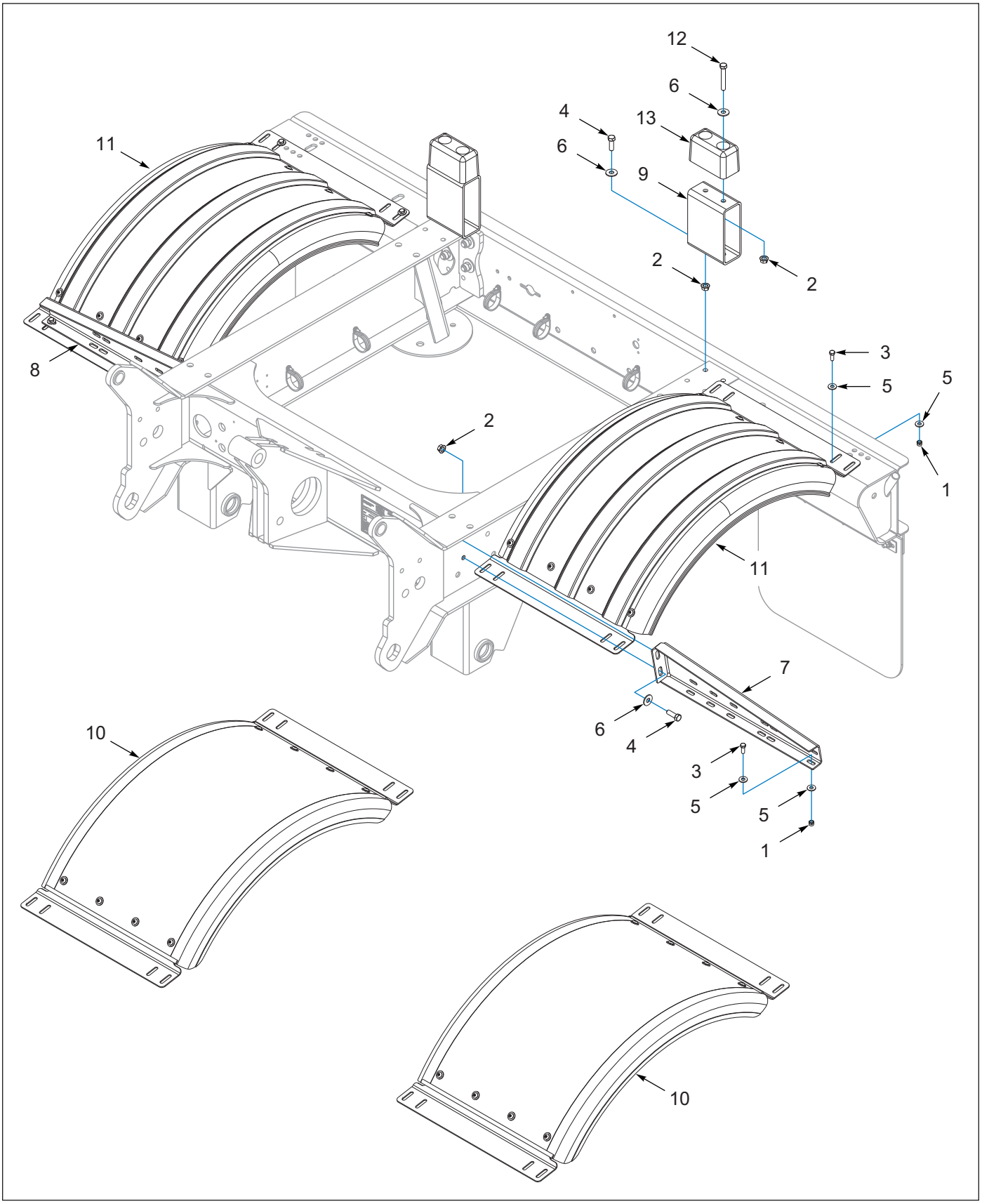


Figure 4-8: Wheel Covers, Individual, Poly (Option)

Wheel Covers, Individual, Poly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	171977	FENDER INSTL BLK-POLY FLIP AX	- -
	171982	FENDER INSTL CHR-POLY FLIP AX	- -
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16 **(4 PER COVER)**	8
2	1-510-010003-09	NUT,1/2-13 HD,SERRATED **(2 PER MOUNT, 2 PER SUPPORT, 2 PER RUBBER BUMPER)**	8
3	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5 **(4 PER COVER)**	8
4	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2 **(2 PER MOUNT, 2 PER SUPPORT)**	8
5	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD **(8 PER COVER)**	16
6	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(2 PER MOUNT, 2 PER SUPPORT, 2 PER RUBBER BUMPER)**	4
7	143670	MOUNT FENDER/MUD FLAP RH 327 **(STREETSIDE)**	1
8	143671	MOUNT FENDER/MUD FLAP LH 327 **(CURBSIDE)**	1
9	174027	SUPPORT WLDMT FLIP AXLE	2
10	174020	FENDER SUB-ASSY BLK POLY **(FENDER BREAKDOWN - SEE PAGE 3-19)**	2
11	174023	FENDER SUB-ASSY CHR POLY DUAL **(FENDER BREAKDOWN - SEE PAGE 3-19)**	2
12	1-654-010055-10	SCREW HEX CAP 1/2-13X3-1/4GR5	4
13	128874	BUMPER RUBBER 6X3X3-1/2	2

Wheel Covers, Individual, Steel (Options)

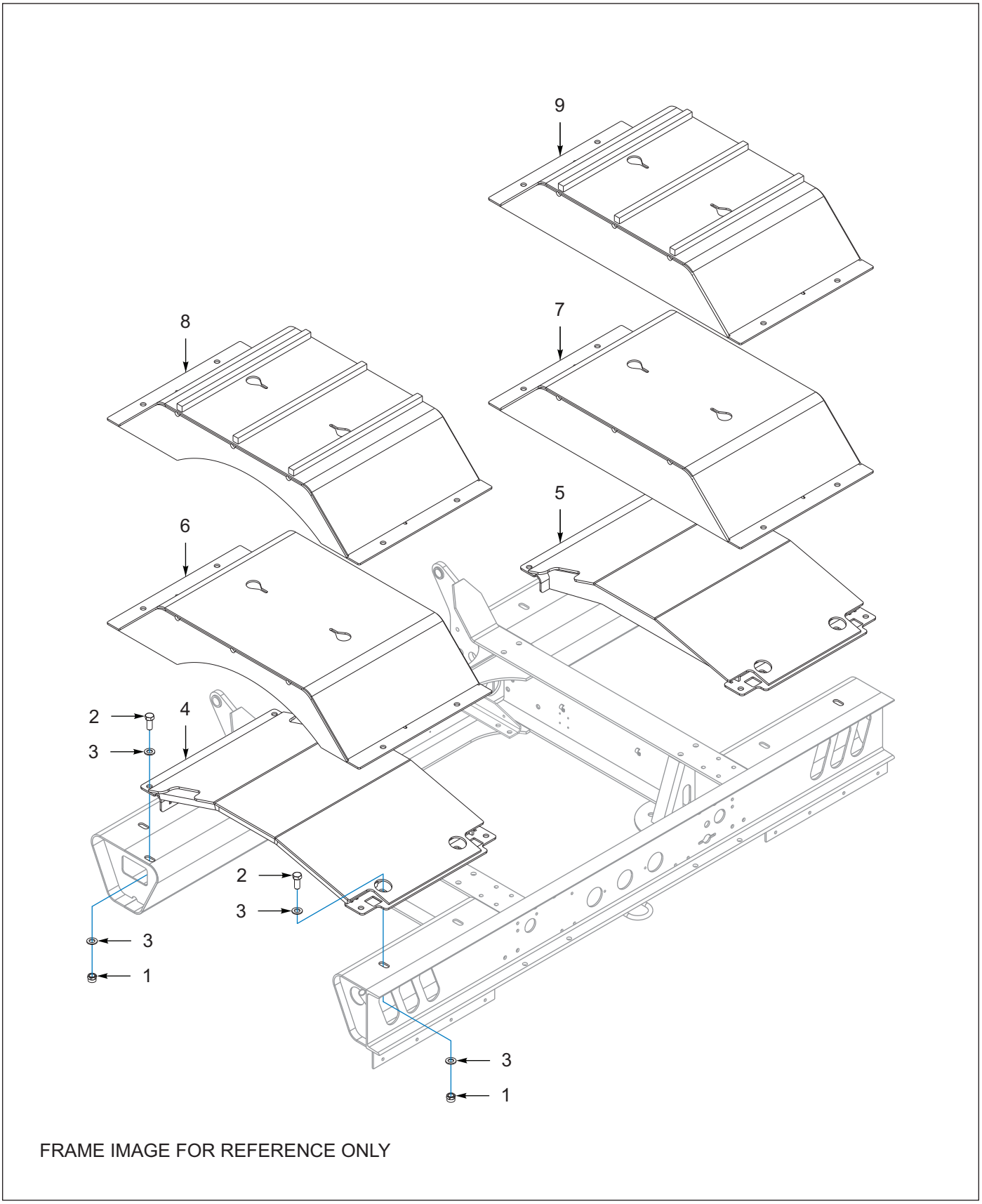


Figure 4-9: Wheel Covers, Individual, Steel (Options)

Wheel Covers, Individual, Steel (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	190608	ASSY,WHL CVRS,BOLT-ON,FLIP **(LO-PRO 255 TIRES)**	- -
	218846	ASSY WHL CVR HI-PRO SMTH FLIP **(HI-PRO SMOOTH)**	- -
	218847	ASSY WHL CVR HI-PR SMTH GLVFLP **(HI-PRO SMOOTH GALV)**	- -
	178609	ASSY WHL CVR HI-PRO BOLT FLIP **(HI-PRO TRACTION BARS)**	- -
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10 **(2 PER COVER)**	4
2	1-654-010061-04	SCREW,HX CP 3/4-10UNCX1-3/4 **(2 PER COVER)**	4
3	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD **(4 PER COVER)**	8
4	164829	WHEEL COVER WLDMT 855 LH **(LO-PRO 255 TIRES)**	1
5	164828	WHEEL COVER WLDMT 855 RH **(LO-PRO 255 TIRES)**	1
6	218842	WHEEL COVER WLDMT LH 275 FLIP **(HI-PRO SMOOTH)**	1
6	218843	GALV OF 218842 (WL CVR FLP LH) **(HI-PRO SMOOTH GALV)**	1
7	218844	WHEEL COVER WLDMT RH 275 FLIP **(HI-PRO SMOOTH)**	1
7	218845	GALV OF 218844 (WL CVR FLP RH) **(HI-PRO SMOOTH GALV)**	1
8	178610	WHEEL COVER WLDMT LH 275 FLIP **(HI-PRO TRACTION BARS)**	1
9	178613	WHEEL COVER WLDMT RH 275 FLIP **(HI-PRO TRACTION BARS)**	1

Wheel Covers, One-Piece, Steel (Option)

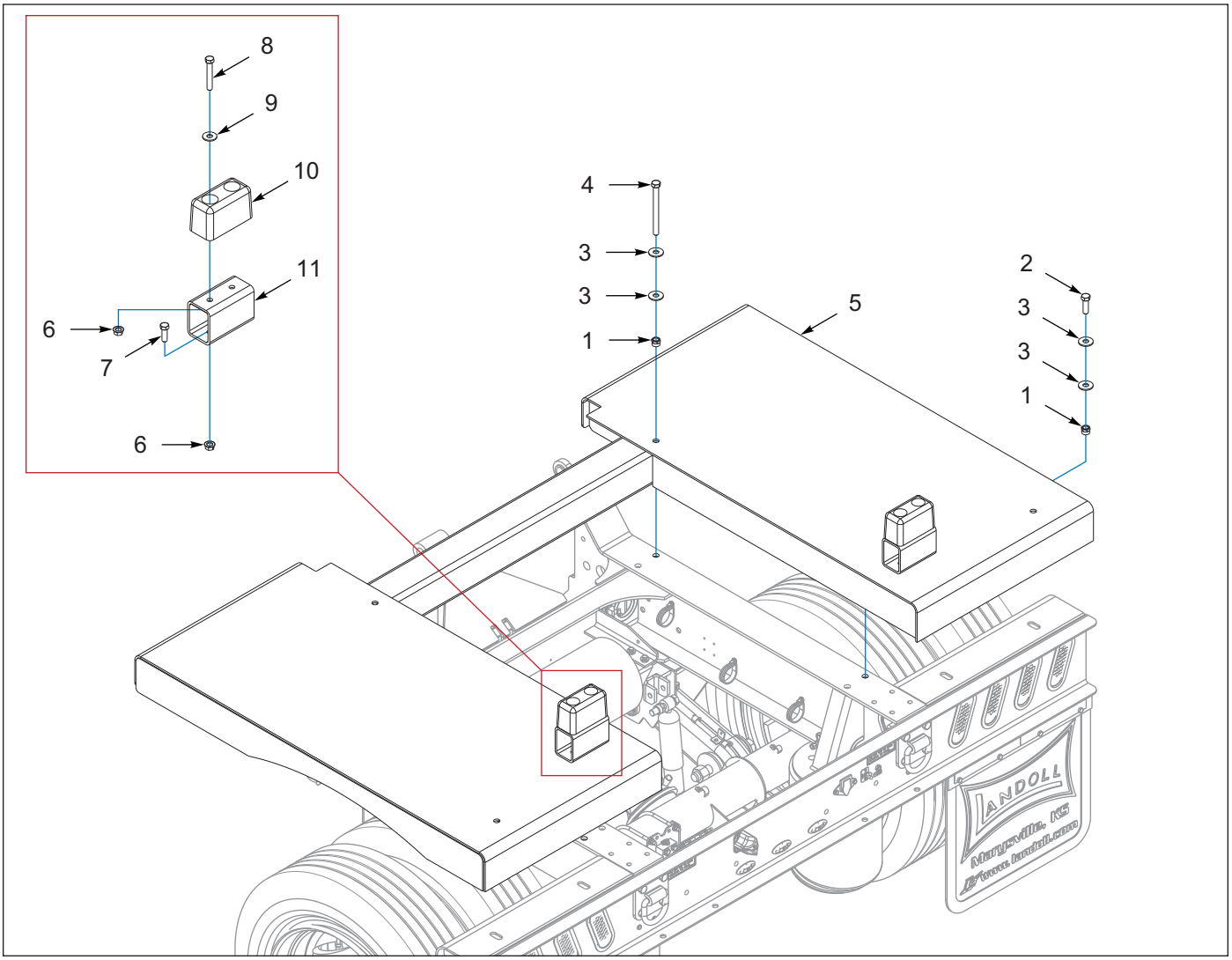


Figure 4-10: Wheel Covers, One-Piece, Steel (Option)

Wheel Covers, One-Piece, Steel (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	192651	WHEEL COVER FLIP 60"-255 **(INCLUDES ITEMS 1-4, 5A)**	- -
	238237	GALV WHEEL COVER FLIP 60" 255 **(INCLUDES ITEMS 1-4, 5B)**	- -
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	2
3	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	8
4	113064	SCREW HX CP,5/8-11UNCX7,GR5	2
5	239180	WHEEL COVER 191584 PTD TLR CLR **(5A)**	1
5	238235	GALV OF 191584 (WHL CVR 60") **(5B)**	1
6	1-510-010003-09	NUT,1/2-13 HD,SERRATED **(SOLD SEPERATELY)**	8
7	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2 **(SOLD SEPERATELY)**	4
8	1-654-010055-10	SCREW HEX CAP 1/2-13X3-1/4GR5 **(SOLD SEPERATELY)**	4
9	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(SOLD SEPERATELY)**	4
10	128874	BUMPER RUBBER 6X3X3-1/2 **(SOLD SEPERATELY)**	2
11	148811	MOUNT RUBBER BUMPER **(SOLD SEPERATELY)**	2

Table provided for general use.

NOTES:

Suspension Assembly

Axle 16.5 x 7 Drum Brakes

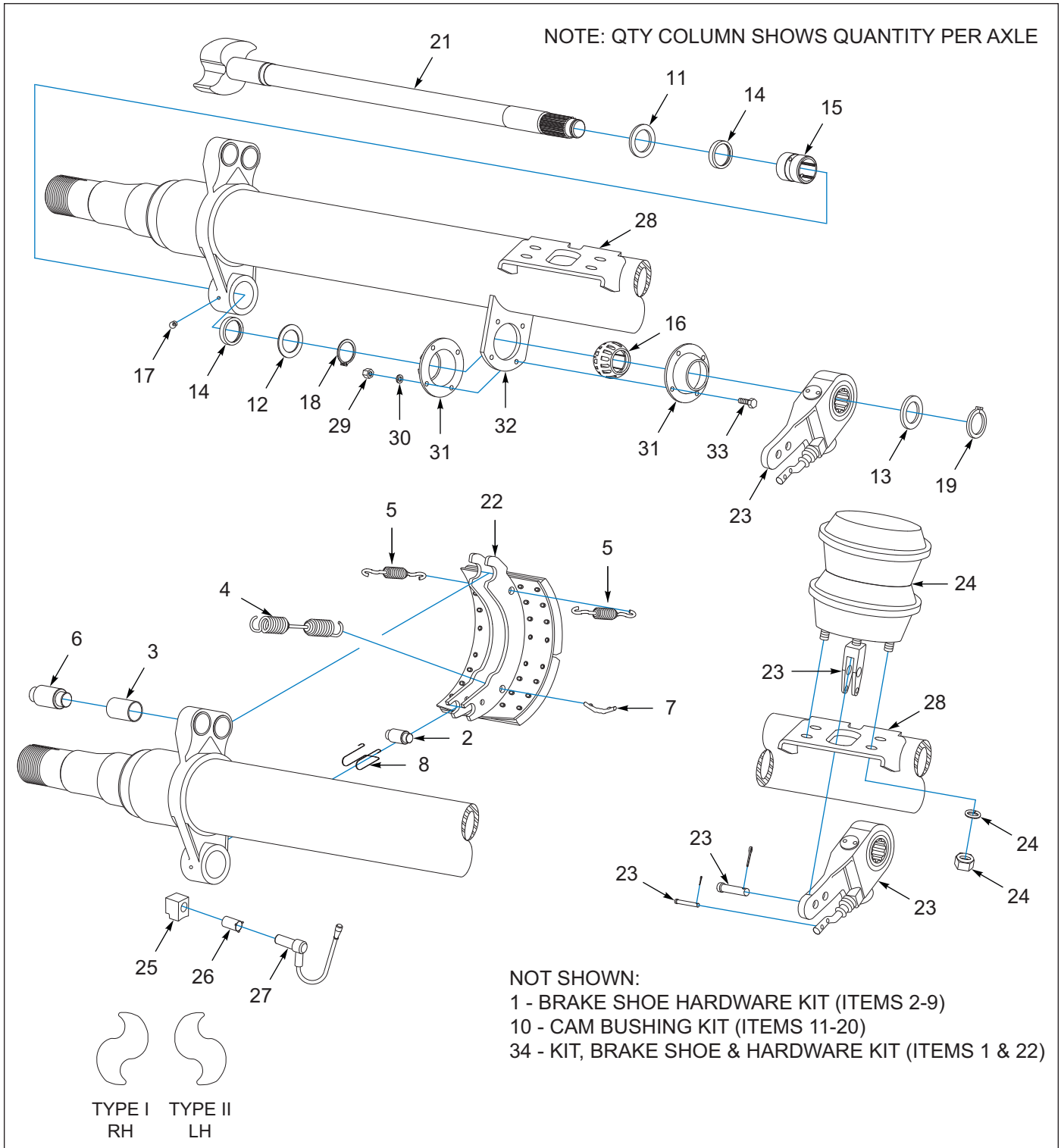


Figure 5-1: Axle 16.5 x 7 Drum Brakes

Axle 16.5 x 7 Drum Brakes

ITEM	PART NUMBER	DESCRIPTION	QTY.
	212424	AXLE 79 16.5SPG 25K TIS **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	K71-136-00	BRAKE SHOE H KIT 16.5X7 DXTR **(INCLUDES ITEMS 2-9)** **(INCLUDED WITH ITEM 34)**	2
2	014-065-00	ROLLER BRAKE SHOE(KNURLED)DXTR **(ITEM 1 INCLUDES 2 EACH)**	4
3	014-068-00	ANCHOR PIN-BRAKE SHOE DEXTERR **(ITEM 1 INCLUDES 2 EACH)**	4
4	046-096-00	SPRING BRAKE SHOE-ORANGE DEXTR **(ITEM 1 INCLUDES 1 EACH)**	2
5	046-097-00	SPRING-BRAKE SHOE KEEPER DEXTR **(ITEM 1 INCLUDES 2 EACH)**	4
6	056-017-00	ANCHOR PIN-BRAKE SHOE DEXTER **(ITEM 1 INCLUDES 2 EACH)**	4
7	056-018-00	RETAINER-RETRACTOR SPRING DXTR **(ITEM 1 INCLUDES 2 EACH)**	4
8	071-122-00	RETAINER BRAKE SHOE ROLLER **(ITEM 1 INCLUDES 2 EACH)**	4
9	- - - - -	INSTRUCTIONS **(NOT SHOWN) (ITEM 1 INCLUDES 1 EACH)**	1
10	138090	BUSHING KIT **(PER BRAKE) (INCLUDES ITEMS 11-20)**	2
11	005-096-00	WASHER CAMSHAFT DEXTER **(ITEM 10 INCLUDES 1 EACH)**	2
12	005-097-00	WASHER CAM SHAFT DEXTER **(ITEM 10 INCLUDES 2 EACH)**	4
13	113819	CAMSHAFT WASHER 28 SPLINE **(ITEM 10 INCLUDES 1 EACH)**	2
14	408101-001	SPIDER SEAL **(ITEM 10 INCLUDES 2 EACH)**	4
15	405129	SPIDER BUSHING **(ITEM 10 INCLUDES 1 EACH)**	2
16	405999-001	BUSHING, CAMSHAFT SUPPORT **(ITEM 10 INCLUDES 1 EACH)**	2
17	061-003-00	GREASE FITTING-SPIDER DEXTER **(ITEM 10 INCLUDES 1 EACH)**	2
18	214104	CAM LOCK RING **(ITEM 10 INCLUDES 2 EACH)**	2
19	069-078-00	SNAP RING **(ITEM 10 INCLUDES 1 EACH)**	2
20	- - - - -	INSTRUCTIONS **(NOT SHOWN) (ITEM 10 INCLUDES 1 EACH)**	1
21	137461	CAMSHAFT, 25” LH	1
21	137485	CAMSHAFT, 25” RH	1
22	040-180-00	BRAKE SHOE & LINING DEXTER **(INCLUDED WITH ITEM 34)**	4
23	139383	SLACK ADJUSTER,STR AUTO 28SPL **(INCLUDES CLEVIS, PINS, GAGE, & INSTRUCTIONS)**	2
24	126292	CHAMBER 30-30 7.00 PUSHROD	4
25	103805	ABS SENSOR BLOCK	2
26	101849	ABS SENSOR SPRING CLIP **(SYSTEM, ELECTRICAL - SEE PAGE 11-43)**	2
27	101847	ABS SENSOR CABLE-.4M (1FT) **(SENSOR & CABLE ASSEMBLY)**	2
28	034-048-00	BRACKET AIR CHAMBER MTG	2
29	1-512-010007-05	NUT, HEX 1/4-20 GR2 ZP	8
30	005-079-00	LOCK WASHER, DEXTER	8
31	034-032-00	RETAINING PLATE-CAMSHAFT DEXTR (EACH HALF SOLD SEPERATELY)	4
32	034-047-00	BRACKET-CAMSHAFT SUPTWELD ON **(2 PER AXLE)**	4
33	007-139-00	BOLT RET CAM BUSHING DEXTER	8
34	159001	BRAKE SHOE&HARDWARE KIT16.5X7 **(1 KIT PER AXLE)** **(INCLUDES ITEMS 1, 2 EACH & 22, 4 EACH)**	1

Axle 16.5 x 7 Drum and Hub Components

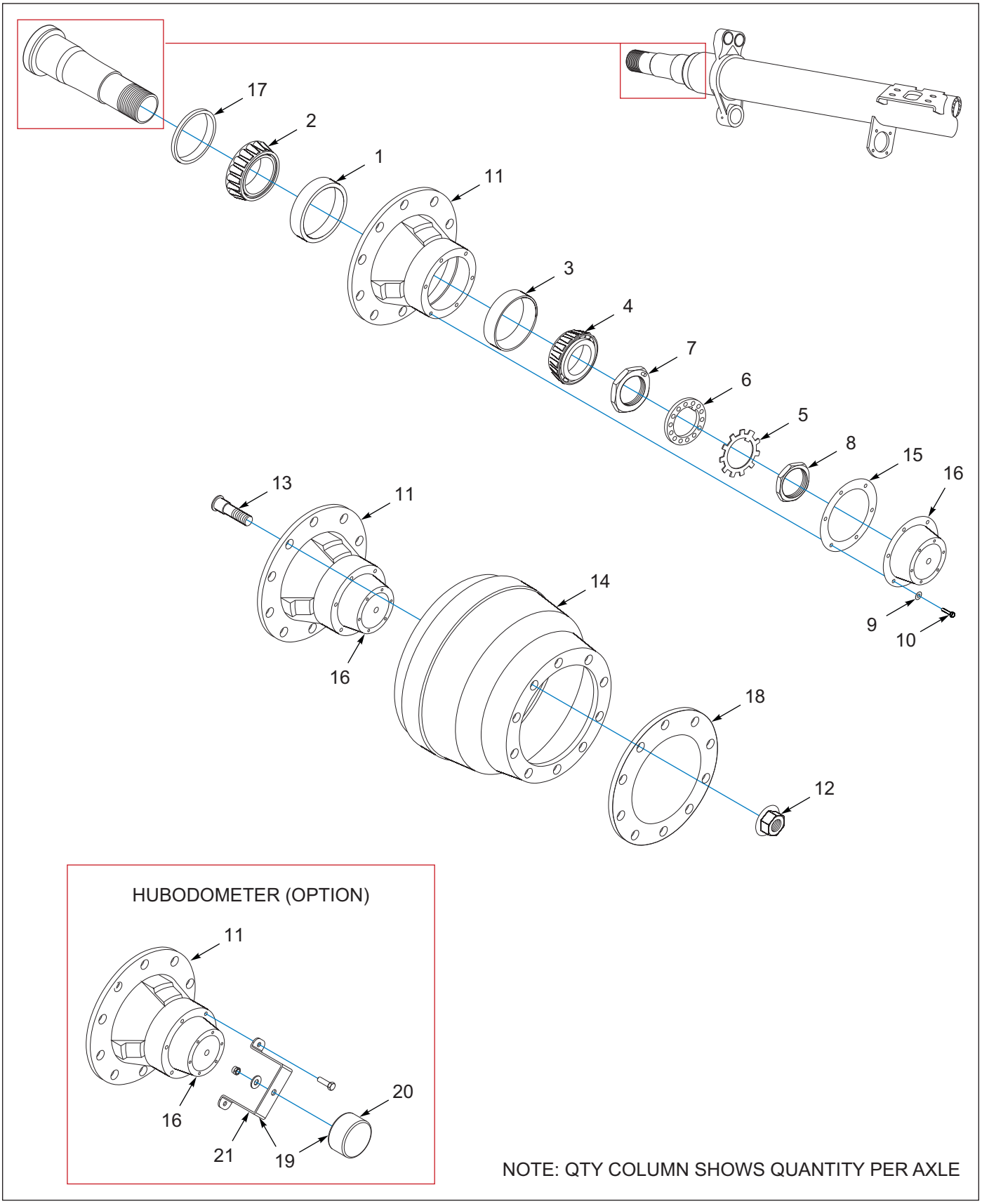


Figure 5-2: Axle 16.5 x 7 Drum and Hub Components

Axle 16.5 x 7 Drum and Hub Components

ITEM	PART NUMBER	DESCRIPTION	QTY.
	- - - - -	AXLE WELDMENT 2516 SPRING **(DRUM BRAKE STANDARD) (VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	HM218210	BEARING CUP,INNER-DEXTERD225K **(INCLUDED WITH ITEM 11 INCLUDES 1 EACH)**	2
2	HM218248	INNER BEARING	2
3	HM212011	OUTER CUP **(INCLUDED WITH ITEM 11 INCLUDES 1 EACH)**	2
4	HM212049	OUTER BRG A19S	2
5	105106	STAR L/W	2
6	105107	LOCK WASHER	2
7	103103-002	INNER SPIN NUT **(3-13/16" SOCKET)**	2
8	006-115-00	NUT OUTER, SPINDLE, DEXTER **(3-1/4" SOCKET)**	2
9	1-861-010034-10	WASHER,LKG 5/16	12
10	1-654-010049-03	SCREW HX CP 5/16-18UNCX3/4GR5	12
11	110975	HUB FOR 103781 **(100 TOOTH TONE RING) (INCLUDES ITEMS 1, 3) (FLANGE NUTS & STUDS SOLD SEPARATELY)**	2
12	179933	NUT, HEX M22X1.5 (1.31 HEX) **(1-5/16" SOCKET)**	20
12	179955	NUT,FLANGE MM22X1.5 (1.50HEX) **(1-1/2" SOCKET)**	20
13	113536	STUD RH 22MM 3.5 STANDOUT **(3.5 STANDOUT) (UNIVERSAL, STEEL / ALUMINUM WHEELS)**	20
14	110976	DRUM FOR 103781	2
15	3067	GASKET HUB	2
16	4009	BOLT ON HUB CAP W/PLUG **(OIL CAP INCLUDES VENT PLUG AND ITEM 15)**	2
17	3-659-010012	SEAL, AXLE	2
18	3-870-010107	WHEEL-GUARD,10STD 285.75MM BC **(NYLON SPACER USED TO SEPARATE STEEL RIM OR DRUM FROM ALUMINUM RIM)**	2
18	123882	SPACER,WHEEL,375X10HOLE HUB **(STEEL SPACER)**	2
19	137108	HUBODOMETER INSTL 255TIRE **(572RPM, 255/70R22.5) (19A OPTION INCLUDES ITEMS 20A-21)**	2
19	197619	HUBODOMETER INSTL 275 TIRE **(546 RPM, 275/70R22.5) (19B OPTION INCLUDES ITEM 20B-21)**	1
20	113109	HUBODOMETER 572 RPM **(20A OPTION, 255/70R22.5)**	1
20	124195	HUBODOMETER 546 RPM **(20B OPTION, 275/70R22.5)**	1
21	197606	BRACKET HUBODOMETER 4"H MTIS	1

Axle 16.5 Disc Brakes & Hub Components (Option)

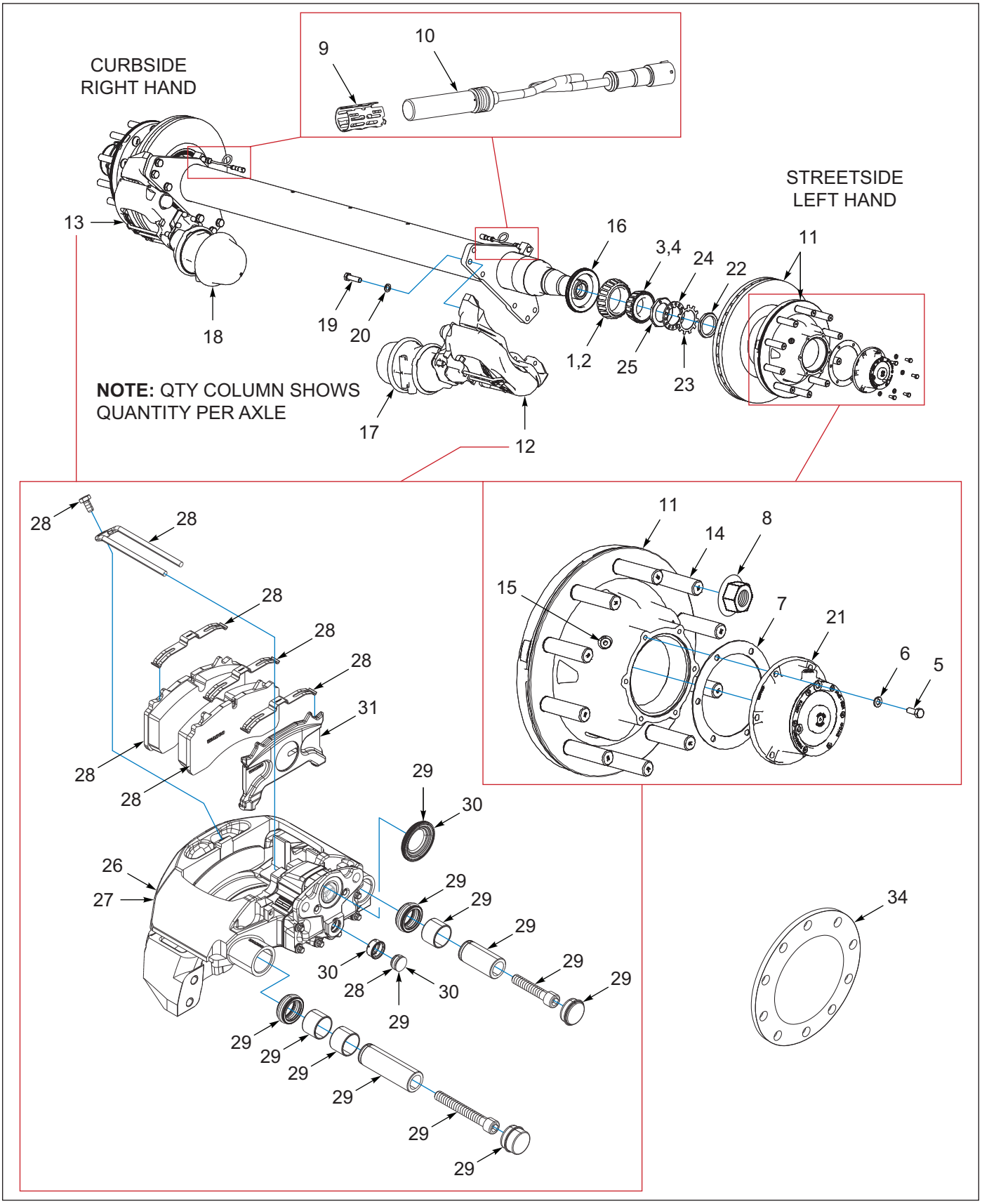


Figure 5-3: Axle 16.5 Disc Brakes & Hub Components (Option) (1 of 2)

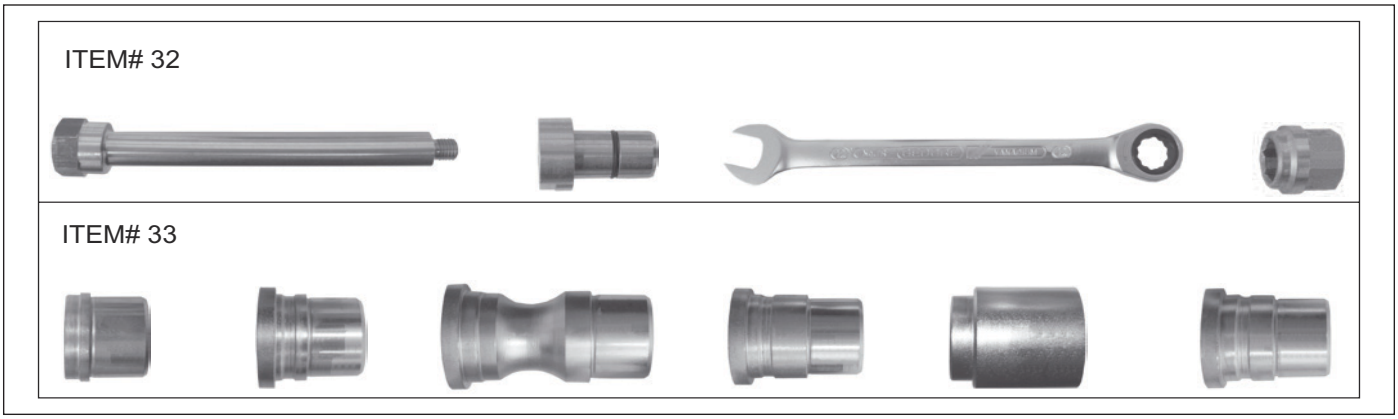


Figure 5-4: Axle 16.5 Disc Brakes & Hub Components (Option) (2 of 2)

Axle 16.5 Disc Brakes & Hub Components (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	226912	AXLE 79 PAN22 DISC 25K TIS **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	HM218210	BEARING CUP,INNER-DEXTERD225K	2
2	HM218248	INNER BEARING	2
3	HM212011	OUTER CUP	2
4	HM212049	OUTER BEARING CONE	2
5	1-654-010049-03	SCREW HX CP 5/16-18UNCX3/4GR5	12
6	1-861-010034-10	WASHER,LKG 5/16	12
7	153402	GASKET F22	2
8	179933	NUT, HEX M22X1.5 (1.31 HEX) **(1-5/16" SOCKET)**	20
8	179955	NUT,FLANGE MM22X1.5 (1.50HEX) **(1-1/2" SOCKET)**	20
9	101849	ABS SENSOR SPRING CLIP	2
10	251219	ABS SNSR 0.5M STRAIGHT HALDEX	2
11	235222	HUB/ROTOR ASSY PAN22 DSC **(ROTOR & MOUNT BOLTS ONLY, ORDER 236496)**	2
12	236498	CALIPER PAN22 LH ADB **(INCLUDES ITEMS 26, 28-31)**	1
13	236499	CALIPER RAN22 RH ADB **(INCLUDES ITEMS 27-31)**	1
14	236497	STUD M22 X 1.5 X 4.79"	20
15	224002	BOLT SCHS M14-2X60MM FR 12.9	2
16	224003	SEAL SCOTSEAL F22 (46305)	2
17	236475	BRAKE CHAMBER LH DXT 16.5 DSC **(INCLUDES MOUNT NUTS)**	1
18	236476	BRAKE CHAMBER RH DXT 16.5 DSC **(INCLUDES MOUNT NUTS)**	1
19	236500	BOLT HHCS M16-1.5X55MM GR10.9	12
20	236501	LOCK WASHER 16MM SPLIT	12
21	4009	HUB CAP VENTED **(OIL CAP INCLUDES VENT PLUG AND ITEM 7)**	2
22	006-115-00	NUT OUTER, SPINDLE, DEXTER **(3-1/4" SOCKET)**	2
23	105106	STAR WASHER	2
24	153366	SPINDLE WASHER	2
25	103103-002	INNER SPIN NUT **(3-13/16" SOCKET)**	2
26	238554	CALIPER DISC PAN22 LH NO PADS **(INCLUDED WITH ITEM 12)**	1
27	238555	CALIPER DISC PAN22 RH NO PADS **(INCLUDED WITH ITEM 13)**	1
28	235221	PAD KIT PAN22 DSC 1AX **(1 KIT PER AXLE) (INCLUDED WITH ITEMS 12-13)**	1
29	238556	GUIDE BOLT & SEAL KIT PAN22 **(PER CALIPER) (INCLUDED WITH ITEMS 12-13)**	1

Axle 16.5 Disc Brakes & Hub Components (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
30	236537	SEAL KIT CLAMPING UNIT **(PER CALIPER) (INCLUDED WITH ITEMS 12-13)**	1
31	238557	PRESSURE PLT DSCBKCALIPRPAN22 **(INCLUDED WITH ITEMS 12-13) (INCLUDES 1-LH PLATE, 1-RH PLATE)**	1
32	236504	TOOL KIT PAN 17/19/22 BASIC	1
33	236503	TOOL KIT PAN19/22 ADDITIONAL	1
34	3-870-010107	WHEEL-GUARD,10STD 285.75MM BC **(NYLON SPACER USED TO SEPARATE STEEL RIM OR DRUM FROM ALUMINUM RIM)**	2
34	123882	SPACER,WHEEL,375X10HOLE HUB **(STEEL SPACER) (SPECIAL MODELS ONLY)**	2

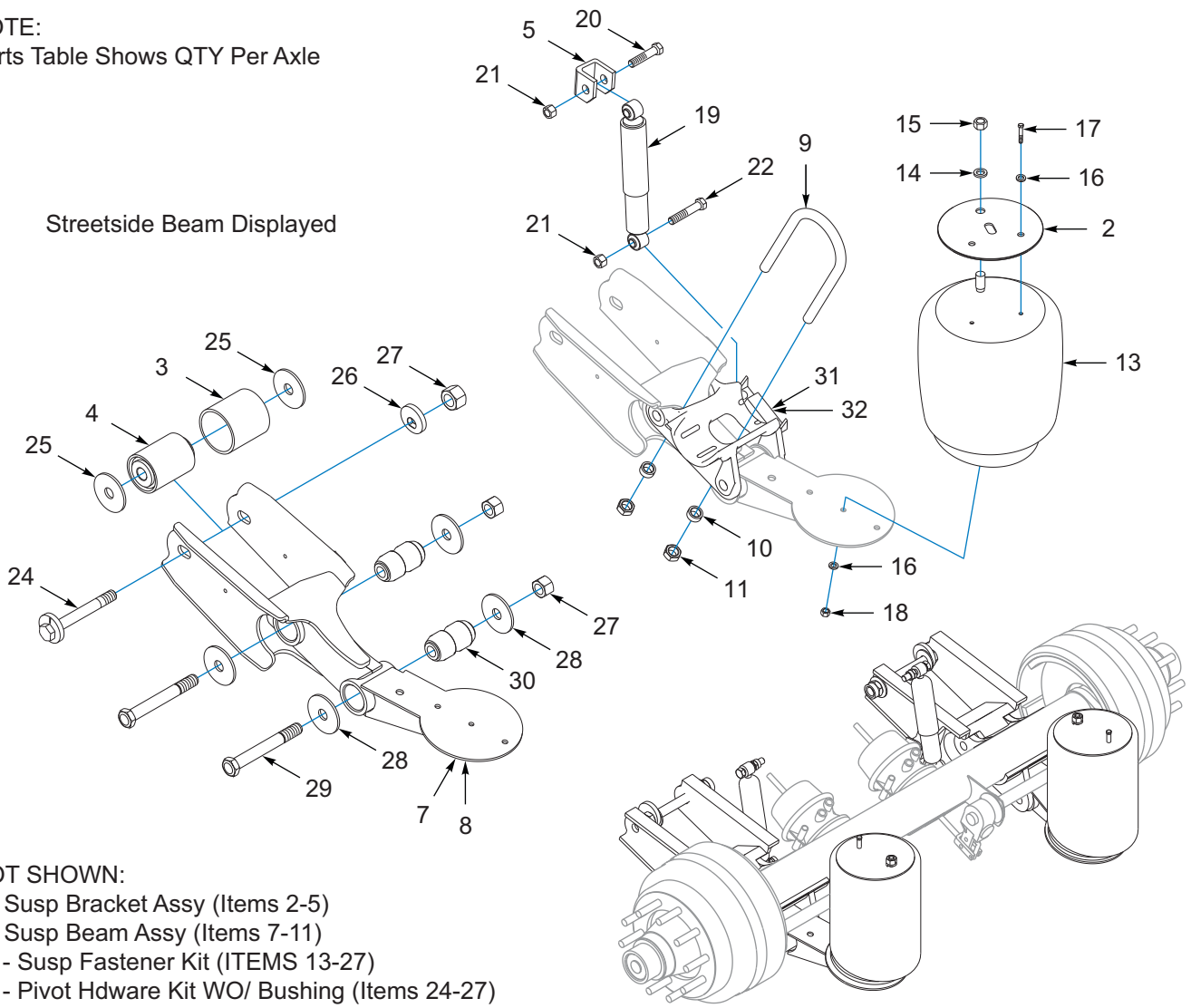
Table provided for general use.

NOTES:

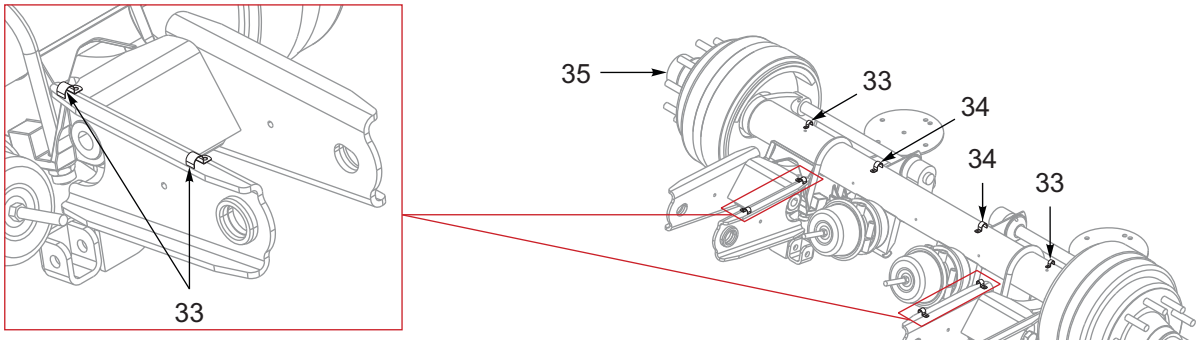
Axle Suspension, RLU 250FMT, 1st Axle

NOTE:
Parts Table Shows QTY Per Axle

Streetside Beam Displayed



NOT SHOWN:
1 - Susp Bracket Assy (Items 2-5)
6 - Susp Beam Assy (Items 7-11)
12 - Susp Fastener Kit (ITEMS 13-27)
23 - Pivot Hdware Kit WO/ Bushing (Items 24-27)



IMPORTANT: When ordering a complete Axle & Beam Assembly, call and provide the Trailer VIN Number to identify the proper replacement.

Figure 5-5: Axle Suspension, RLU 250FMT, 1st Axle

Axle Suspension, RLU 250FMT, 1st Axle

ITEM	PART NUMBER	DESCRIPTION	QTY.
	162786	SUSP ASSY RLU 250-9 855 TRI **(128433-SUSP RLU 250 FMT)**	- -
	- - - - -	AXLE WLDMT SPRING **(DRUM BRAKE) (VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	110621	SUSPENSION BRKT RLU 250 FMT **(INCLUDES ITEMS 2-5)**	- -
2	110615	PLATE AIR BAG MT RLU 250 **(INCLUDED WITH ITEM 1)**	2
3	111028	BUSHING SLV 5.5 NEWAY90038393 **(INCLUDED WITH ITEM 1) (OUTER PIVOT TUBE HOUSING WELDED IN TRAILER FRAME)**	2
4	111029	BUSHING YOKE NEWAY 90538019 **(INCLUDED WITH ITEM 1) (INNER PIVOT TUBE & BUSHING ASSMEBLY)**	2
5	151822	BRACKET SHOCK NEWAY 90519040 **(INCLUDED WITH ITEM 1)**	2
6	167391	SUSPENSION,BEAM RLU250 FMT LP **(INCLUDES ITEMS 7-11)**	- -
7	191589	BEAM LH NEWAY 90517225 **(INCLUDED WITH ITEM 6) (INCLUDES ITEM 33)**	1
8	191588	BEAM RH NEWAY 90517226 **(INCLUDED WITH ITEM 6) (INCLUDES ITEM 34)**	1
9	111033	U-BOLT .88-9 NEWAY 90041170 **(INCLUDED WITH ITEM 6)**	4
10	936 00 162	WASHER,FLAT N **(INCLUDED WITH ITEM 6)**	8
11	934 00 498	NUT,LOCKING#934 00 498 N **(INCLUDED WITH ITEM 6)**	8
12	110622	SUSPENSION,FASTNR,RLU 250FMT **(INCLUDES ITEMS 13-27)**	- -
13	111036	AIR SPRING NEWAY 90557235 **(INCLUDED WITH ITEM 12)**	2
14	936 00 077	LOCK WASHER 3/4 **(INCLUDED WITH ITEM 12)**	2
15	934 00 149	HEX NUT 3/4-16 NEWAY AR-75-9 **(INCLUDED WITH ITEM 12)**	2
16	12486400-520	WASHER LOCK .50 **(INCLUDED WITH ITEM 12)**	4
17	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5 **(INCLUDED WITH ITEM 12)**	2
18	12486400-521	NUT HEX SLFLKG 1/2-13UNC **(INCLUDED WITH ITEM 12)**	2
19	900-44-162	ABSORBER SHOCK **(INCLUDED WITH ITEM 12) (SHOCK STRAP - SEE PAGE 5-25)**	2
20	930 03 597	BOLT **(INCLUDED WITH ITEM 12)**	2
21	934-00-492	LOCK NUT 3/4-10 **(INCLUDED WITH ITEM 12)**	4
22	129004	SCREW 3/4-10X4 93003609 **(INCLUDED WITH ITEM 12)**	2
23	134144	ALIGNMENT BLOCK ASSY **(INCLUDED WITH ITEM 12) (INCLUDES ITEMS 26-29)**	2
24	111038	BLOCK ALIGN NEWAY 90508016 **(INCLUDED WITH ITEM 12) (ITEM 25 INCLUDES 1 EACH)**	2
25	111037	WASHER WEAR NEWAY 93600530 **(INCLUDED WITH ITEM 12) (ITEM 25 INCLUDES 2 EACH)**	4
26	129006	ALIGN BLOCK NON-WELD 90008238 **(INCLUDED WITH ITEM 12) (ITEM 25 INCLUDES 1 EACH)**	2
27	111008	NUT LOCK 1-1/8-7 NEWAY **(INCLUDED WITH ITEM 12) (ITEM 25 INCLUDES 1 EACH)**	6
28	111010	WASHER FLAT NEWAY 90036177	8
29	111023	SCREW 1-1/8-7 NEWAY 93201051	4
30	111011	RUBBER BUSH NEWAY 90008149	4
31	-----	AXLE ADPATER LH RLU250-FMT **(STREETSIDE) (INCLUDED WITH ITEM 7)**	1
32	-----	AXLE ADPATER RH RLU250-FMT **(CURBSIDE) (INCLUDED WITH ITEM 8)**	1

Axle Suspension, RLU 250FMT, 1st Axle

ITEM	PART NUMBER	DESCRIPTION	QTY.
33	3-181-010034-1	CLAMP CONDUIT STEEL 1/2	6
34	3-181-010034-2	CLAMP CONDUIT STEEL 3/4	2
35	- - - - -	AXLE & BEAM ASSEMBLY **(16.5 X 7 BRAKES)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -

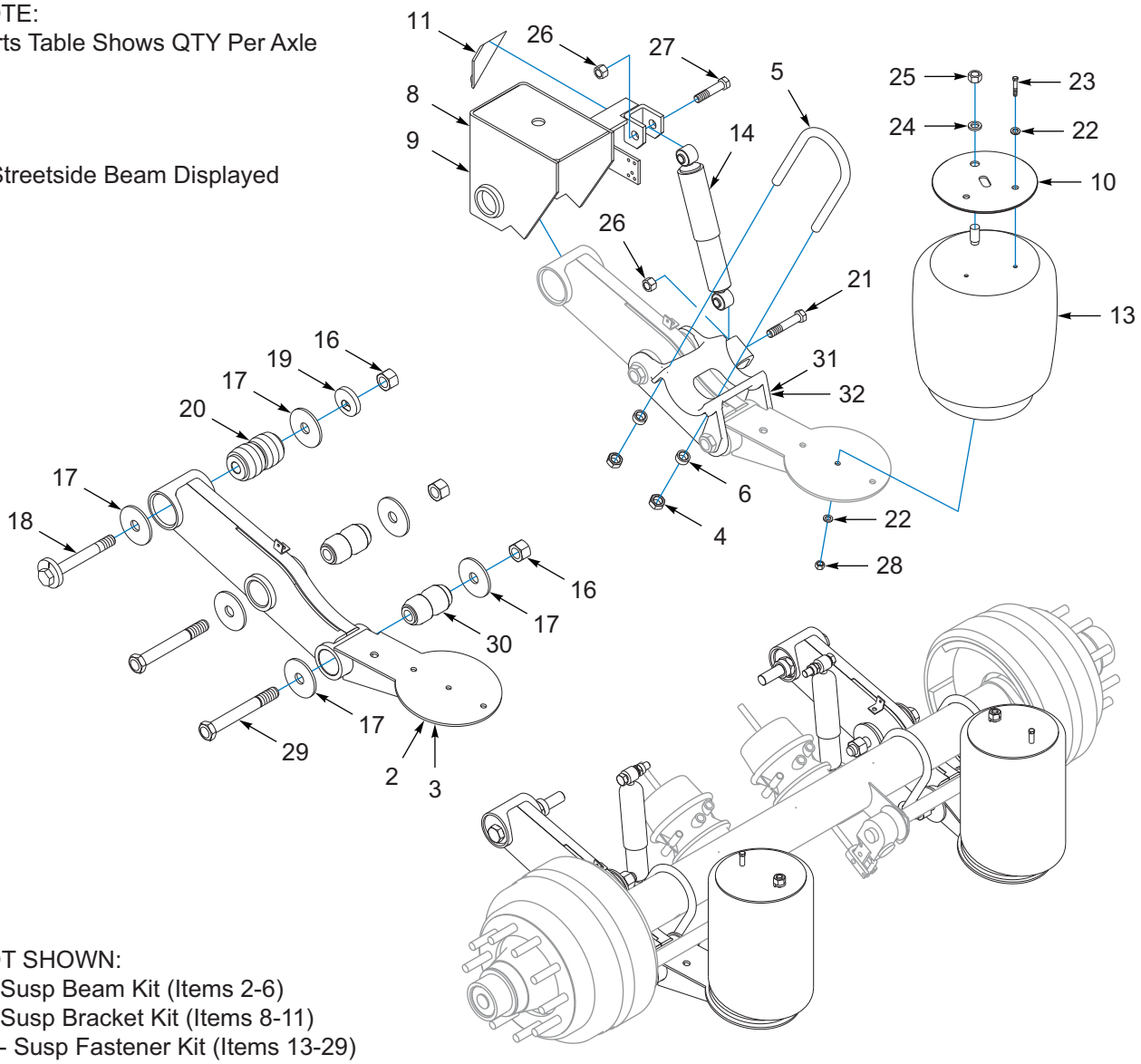
Table provided for general use.

NOTES:

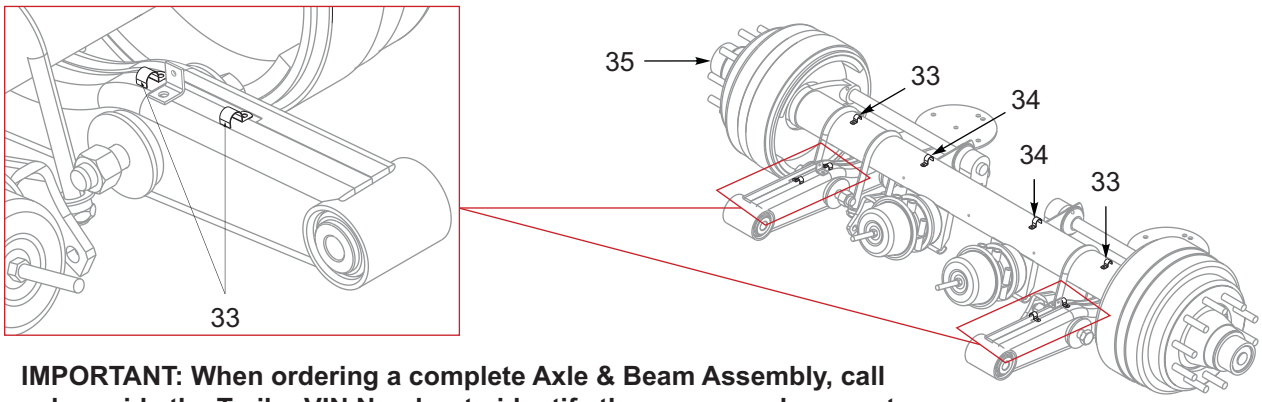
Axle Suspension, RLU 250-9-4, 2nd / 3rd / Flip Axle

NOTE:
Parts Table Shows QTY Per Axle

Streetside Beam Displayed



NOT SHOWN:
1 - Susp Beam Kit (Items 2-6)
7 - Susp Bracket Kit (Items 8-11)
12 - Susp Fastener Kit (Items 13-29)
15- Pivot Hdware Kit W/ Bushing (Items 16-20)



IMPORTANT: When ordering a complete Axle & Beam Assembly, call and provide the Trailer VIN Number to identify the proper replacement.

Figure 5-6: Axle Suspension, RLU 250-9-4, 2nd / 3rd / Flip Axle

Axle Suspension, RLU 250-9-4, 2nd / 3rd / Flip Axle

ITEM	PART NUMBER	DESCRIPTION	QTY.
	162786	SUSP ASSY RLU 250-9 855 TRI **(128433-SUSP RLU 250 FMT)**	- -
	- - - - -	AXLE WLDMT SPRING **(DRUM BRAKE) (VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	110616	SUSPENSION,BEAM RLU 250-9-4 **(INCLUDES ITEMS 2-6)**	1
2	111031	BEAM LH **(STREETSIDE) (INCLUDED WITH ITEM 1) (INCLUDES ITEM 31)**	1
3	111030	BEAM RH **(CURBSIDE) (INCLUDED WITH ITEM 1) (INCLUDES ITEM 32)**	1
4	934 00 498	NUT,LOCKING **(INCLUDED WITH ITEM 1)**	8
5	111033	U-BOLT .88-9 **(INCLUDED WITH ITEM 1)**	4
6	936 00 162	WASHER,FLAT **(INCLUDED WITH ITEM 1)**	8
7	110617	SUSPENSION BRKT RLU 250-9-4 **(INCLUDES OF ITEMS 8-11)**	1
8	111025	HANGER FRT LH **(STREETSIDE) (INCLUDED WITH ITEM 7)**	1
9	111026	HANGER FRT RH **(CURBSIDE) (INCLUDED WITH ITEM 7)**	1
10	110615	PLATE AIR BAG MT RLU 250 **(INCLUDED WITH ITEM 7)**	2
11	900 23 002	BRACE ANGLE **(INCLUDED WITH ITEM 7)**	2
12	110618	SUSPENSION,FASTNR,RLU 250-9-4 **(INCLUDES ITEMS 13-29)**	1
13	111036	AIR SPRING **(INCLUDED WITH ITEM 12)**	2
14	900-44-162	ABSORBER SHOCK **(INCLUDED WITH ITEM 12) (SHOCK STRAP - SEE PAGE 5-25)**	2
15	109533	ALIGNMENT BLOCK ASSY#48100294 **(INCLUDED ITEM 12) (INCLUDES ITEMS 18-22)**	- -
16	111008	NUT LOCK 1-1/8-7 NEWAY **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 17, INCLUDES 1 EACH)**	6
17	111010	WASHER FLAT NEWAY 90036177 **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 17, INCLUDES 2 EACH)**	12
18	129005	ALIGN BLOCK 90508019 **(WITH BOLT) (INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 17, INCLUDES 1 EACH)**	2
19	129006	ALIGN BLOCK NON-WELD **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 17, INCLUDES 1 EACH)**	2
20	900-08-139	BUSHING NEWAY AR-45 SUSPENSIO **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 17, INCLUDES 1 EACH)**	2
21	129004	SCREW 3/4-10X4 **(INCLUDED WITH ITEM 12)**	2
22	12486400-520	WASHER LOCK .50 **(INCLUDED WITH ITEM 12)**	4
23	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5 **(INCLUDED WITH ITEM 12)**	2
24	936 00 077	LOCK WASHER 3/4 **(INCLUDED WITH ITEM 12)**	2
25	934 00 149	HEX NUT 3/4-16 NEWAY AR-75-9 **(INCLUDED WITH ITEM 12)**	2
26	1-512-010007-09	NUT, HEX 1/2-13 GR2 ZP **(INCLUDED WITH ITEM 12)**	4
27	930 03 597	BOLT **(INCLUDED WITH ITEM 12)**	2
28	12486400-521	NUT HEX SLFLKG 1/2-13UNC **(INCLUDED WITH ITEM 12)**	2
29	111023	SCREW 1-1/8-7 NEWAY 93201051 **(INCLUDED WITH ITEM 12)**	4
30	111011	RUBBER BUSH NEWAY 90008149	4
31	- - - - -	AXLE ADAPTER **(STEETSIDE) (90501379) (INCLUDED WITH ITEM 2)**	1
32	- - - - -	AXLE ADAPTER **(CURBSIDE) (90501380) (INCLUDED WITH ITEM 3)**	1

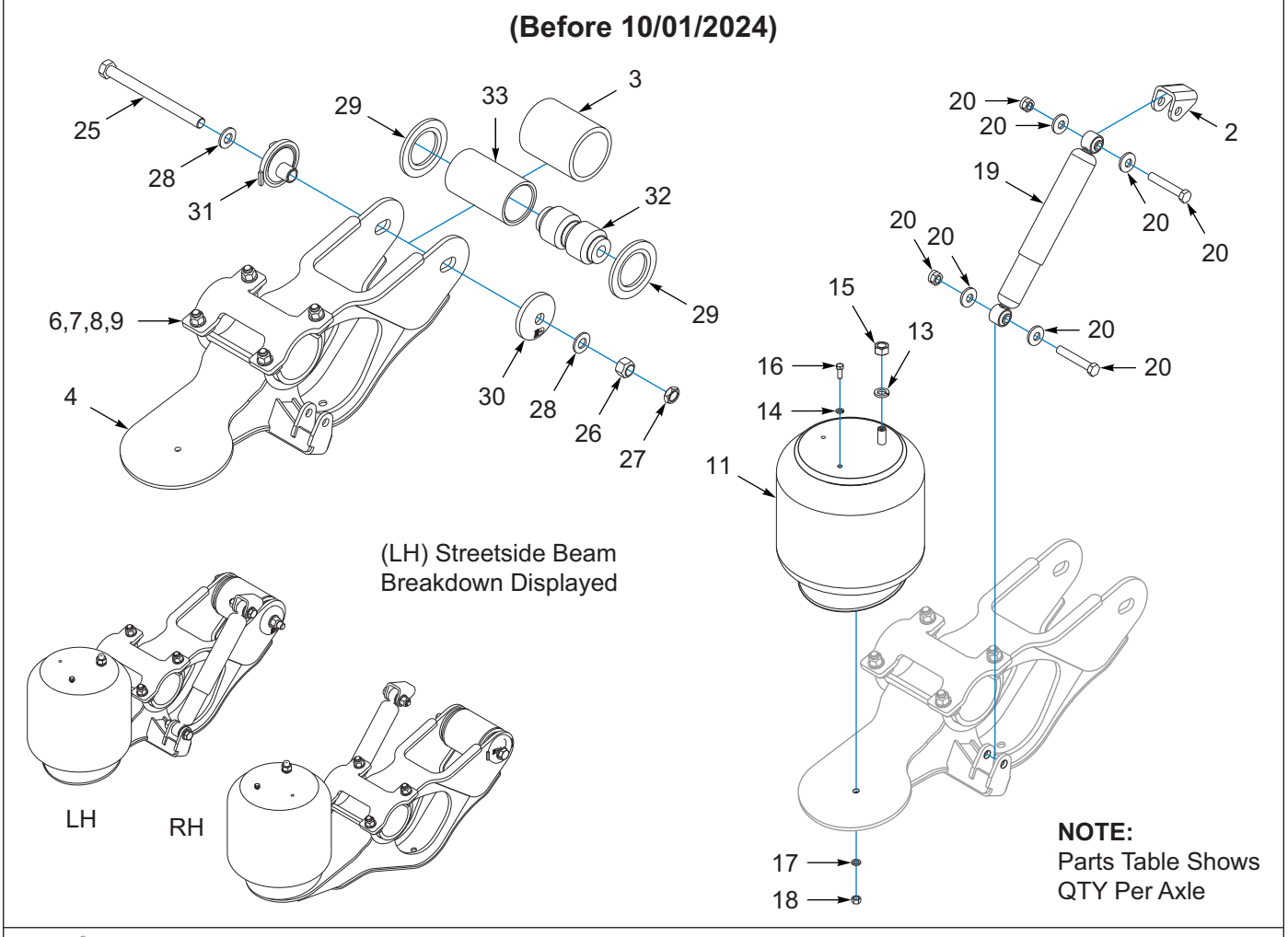
Axle Suspension, RLU 250-9-4, 2nd / 3rd / Flip Axle

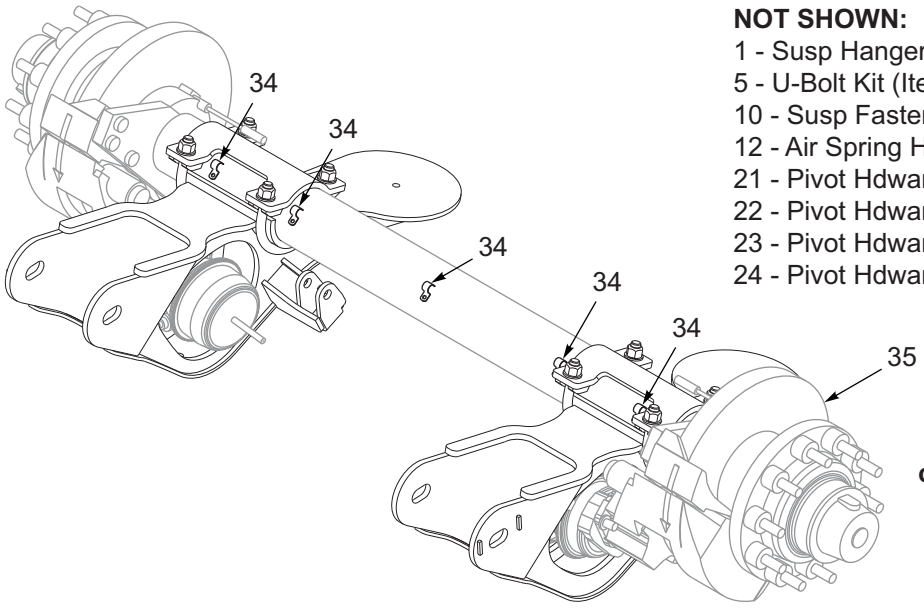
ITEM	PART NUMBER	DESCRIPTION	QTY.
33	3-181-010034-1	CLAMP CONDUIT STEEL 1/2	6
34	3-181-010034-2	CLAMP CONDUIT STEEL 3/4	2
35	- - - - -	AXLE & BEAM ASSEMBLY **(16.5 X 7 BRAKES)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -

Table provided for general use.

NOTES:

Axle Suspension, LSS-25K-9.0RLY, 1st Axle (Option)





NOT SHOWN:
1 - Susp Hanger Kit (Items 2-3)
5 - U-Bolt Kit (Items 6-9)
10 - Susp Fastener Kit (Items 11-20, 22)
12 - Air Spring Hardware Kit (Items 13-18)
21 - Pivot Hdware Kit W/ Bushing Assy (Items 25-33)
22 - Pivot Hdware Kit W/ Bushing (Items 25-32)
23 - Pivot Hdware Kit RLY (Items 25-31)
24 - Pivot Hdware Kit Beam Spacer (Items 25-29)

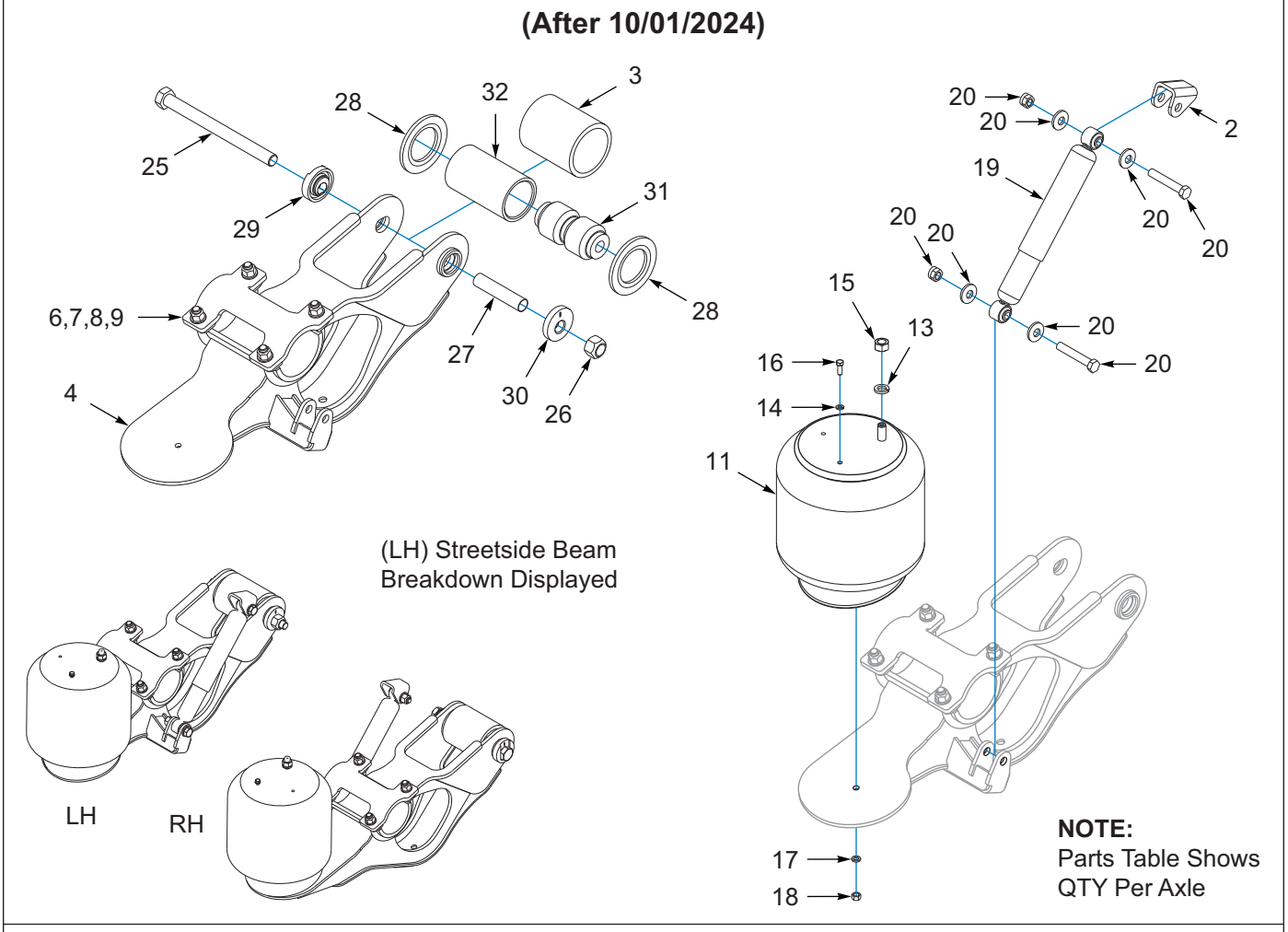
IMPORTANT: When ordering a complete Axle & Beam Assembly, call and provide the Trailer VIN Number to identify the proper replacement.

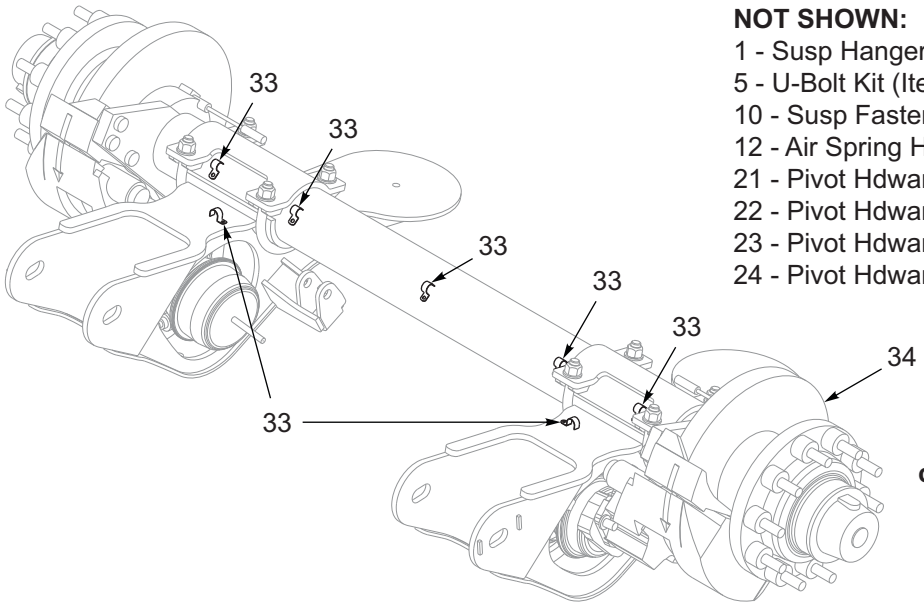
Figure 5-7: Axle Suspension, LSS-25K-9.0RLY, 1st Axle (Option)

Axle Suspension, LSS-25K-9.0RLY, 1st Axle (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	- - - - -	AXLE WLDMT SPRING **(DISC BRAKE)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	226904	SUSP PIVOT/SHK MT D25K-09RLY **(INCLUDES ITEMS 2-3, 2 EACH)**	1
2	- - - - -	UPPER SHOCK BRACKETS **(INCLUDED WITH ITEM 1)**	2
3	- - - - -	FRAME TUBE **(INCLUDED WITH ITEM 1)**	2
4	226906	SUSP BEAM KIT D25K-09RLY **(INCLUDES RH AND LH BEAMS, SHOCK MOUNTS & ITEM 5)**	1
5	238565	U-BOLT KIT, LSS-25K-xxRLU/RLY **(SET OF 2)** **(INCLUDED WITH ITEM 4) (INCLUDES ITEMS 6-9)**	1
6	- - - - -	WASHER, 3/4 ID **(INCLUDED WITH ITEM 5)**	8
7	- - - - -	LOCK NUT, 3/4-16UNF-2B **(INCLUDED WITH ITEM 5)**	8
8	- - - - -	U-BOLT CLAMP CASTING **(INCLUDED WITH ITEM 5)**	4
9	- - - - -	U-BOLT, 3/4-16UNF GR8 **(INCLUDED WITH ITEM 5)**	4
10	226907	SUSP FASTENER KIT D25K-09RLY **(INCLUDES ITEMS 11-20, 22)**	1
11	228891	AIR BAG LSS-25K 9" RIDE **(INCLUDED WITH ITEM 10)**	2
12	- - - - -	HARDWARE KIT AIR SPRING **(INCLUDED WITH ITEM 10)** **(INCLUDES ITEMS 13-18)**	2
13	- - - - -	LOCK WASHER 3/4" **(INCLUDED WITH ITEM 12)**	1
14	- - - - -	LOCK WASHER 3/8" **(INCLUDED WITH ITEM 12)**	1
15	- - - - -	NUT 3/4-16UNF **(INCLUDED WITH ITEM 12)**	1
16	- - - - -	SCREW, HEX 3/8-16UNC **(INCLUDED WITH ITEM 12)**	1
17	- - - - -	LOCK WASHER 1/2" **(INCLUDED WITH ITEM 12)**	1
18	- - - - -	NUT 1/2-13UNC **(INCLUDED WITH ITEM 12)**	1
19	230610	SHOCK DEXTER 9" RIDE **(INCLUDED WITH ITEM 10)** **(SHOCK STRAP - SEE PAGE 5-26)**	2
20	225956	HARDWARE KIT SHOCK **(INCLUDED WITH ITEM 10)** **(INCLUDES 2 BOLTS, 2 NUTS, 4 WASHERS)**	2
21	240101	PIVOT HARDWARE W/BUSHING TUBE ASSY **(INCLUDED WITH ITEM 10) (INCLUDES ITEMS 25-33)**	2
22	240099	PIVOT HARDWARE W/BUSHING **(INCLUDES ITEMS 25-32)**	2
23	236569	PIVOT HARDWARE KIT RLY **(INCLUDES ITEMS 25-31)**	2
24	240098	PIVOT HARDWARE BEAM SPACER **(INCLUDES ITEMS 25-29)**	2
25	240096	SCREW, HEX 7/8-14UNF X12 GR8 **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	1
26	231924	NUT, 7/8-14UNF-2B CLASS C LOCK **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	1
27	2J084	NUT HEX JAM 7/8-14 ZP **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	2
28	231925	WASHER, 7/8 ID **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	1
29	240097	BEAM SPACER LSS-25K **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	2
30	231926	PLAIN PIVOT CLAMP **(INCLUDED WITH ITEMS 21, 22, 23)**	1
31	231927	ECCENTRIC PIVOT CLAMP **(INCLUDED WITH ITEMS 21, 22, 23)**	1
32	- - - - -	PIVOT BUSHING **(INCLUDED WITH ITEMS 21, 22, 33) (NOT SOLD SEPERATELY)**	1
33	226905	SUSP PIVOT (1) BUSH D25K-09RLY **(TUBE & BUSHING ASSEMBLY) (INCLUDED WITH ITEM 21) (INCLUDES ITEM 32)**	1
34	3-181-010034-1	CLAMP CONDUIT STEEL 1/2	5
35	- - - - -	AXLE & BEAM ASSEMBLY **(16.5 DISC BRAKES, OPTION)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -

Axle Suspension, LSS-25K-9.0RL CC, 1st Axle (Option)





NOT SHOWN:
1 - Susp Hanger Kit (Items 2-3)
5 - U-Bolt Kit (Items 6-9)
10 - Susp Fastener Kit (Items 11-20, 22)
12 - Air Spring Hardware Kit (Items 13-18)
21 - Pivot Hdware Kit W/ Bushing Assy (Items 25-32)
22 - Pivot Hdware Kit W/ Bushing (Items 25-31)
23 - Pivot Hdware Kit RLY (Items 25-30)
24 - Pivot Hdware Kit Beam Spacer (Items 25-28)

IMPORTANT: When ordering a complete Axle & Beam Assembly, call and provide the Trailer VIN Number to identify the proper replacement.

Figure 5-8: Axle Suspension, LSS-25K-9.0RLY CC, 1st Axle (Option)

Axle Suspension, LSS-25K-9.0RLY CC, 1st Axle (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	- - - - -	AXLE WLDMT SPRING **(DISC BRAKE)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	226904	SUSP PIVOT/SHK MT D25K-09RLY **(INCLUDES ITEMS 2-3, 2 EACH)**	1
2	- - - - -	UPPER SHOCK BRACKETS **(INCLUDED WITH ITEM 1)**	2
3	- - - - -	FRAME TUBE **(INCLUDED WITH ITEM 1)**	2
4	250852	SUSP BEAM KIT DK-09RLY CC **(INCLUDES RH AND LH BEAMS, SHOCK MOUNTS & ITEM 5)**	1
5	238565	U-BOLT KIT, LSS-25K-xxRLU/RLY **(SET OF 2)** **(INCLUDED WITH ITEM 4) (INCLUDES ITEMS 6-9)**	1
6	- - - - -	WASHER, 3/4 ID **(INCLUDED WITH ITEM 5)**	8
7	- - - - -	LOCK NUT, 3/4-16UNF-2B **(INCLUDED WITH ITEM 5)**	8
8	- - - - -	U-BOLT CLAMP CASTING **(INCLUDED WITH ITEM 5)**	4
9	- - - - -	U-BOLT, 3/4-16UNF GR8 **(INCLUDED WITH ITEM 5)**	4
10	250853	SUSP FSTNR KIT D25K-09RLY CC **(INCLUDES ITEMS 11-20, 21)**	1
11	228891	AIR BAG LSS-25K 9" RIDE **(INCLUDED WITH ITEM 10)**	2
12	- - - - -	HARDWARE KIT AIR SPRING **(INCLUDED WITH ITEM 10)** **(INCLUDES ITEMS 13-18)**	2
13	- - - - -	LOCK WASHER 3/4" **(INCLUDED WITH ITEM 12)**	1
14	- - - - -	LOCK WASHER 3/8" **(INCLUDED WITH ITEM 12)**	1
15	- - - - -	NUT 3/4-16UNF **(INCLUDED WITH ITEM 12)**	1
16	- - - - -	SCREW, HEX 3/8-16UNC **(INCLUDED WITH ITEM 12)**	1
17	- - - - -	LOCK WASHER 1/2" **(INCLUDED WITH ITEM 12)**	1
18	- - - - -	NUT 1/2-13UNC **(INCLUDED WITH ITEM 12)**	1
19	230610	SHOCK DEXTER 9" RIDE **(INCLUDED WITH ITEM 10)** **(SHOCK STRAP - SEE PAGE 5-26)**	2
20	225956	HARDWARE KIT SHOCK **(INCLUDED WITH ITEM 10)** **(INCLUDES 2 BOLTS, 2 NUTS, 4 WASHERS)**	2
21	250892	PIVOT HDWR CC YOKE W/TUBE ASSY **(INCLUDED WITH ITEM 10)** **(INCLUDES ITEMS 25-32)**	2
22	250890	PIVOT HDWR CC YOKE W/BUSHING **(INCLUDES ITEMS 25-31)**	2
23	250886	PIVOT BOLT HDWR KIT CC YOKE **(INCLUDES ITEMS 25-30)**	2
24	250891	PIVOT BOLT CC YOKE **(INCLUDES ITEMS 25-28)**	2
25	- - - - -	SCREW, HEX 1-1/8-12UNF X13 GR8 **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	1
26	231924	NUT, 1-1/8-12UNF-2B CLASS C LOCK **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	1
27	- - - - -	PIVOT BOLT SLEEVE **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	2
28	240097	BEAM SPACER LSS-25K **(INCLUDED WITH ITEMS 21, 22, 23, 24)**	2
29	252309	ECCENTRIC, CC, HEAD SIDE **(INCLUDED WITH ITEMS 21, 22, 23)**	1
30	252310	ECCENTRIC, CC, NUT SIDE **(INCLUDED WITH ITEMS 21, 22, 23)**	1
31	- - - - -	PIVOT BUSHING **(INCLUDED WITH ITEMS 21, 22, 32) (NOT SOLD SEPERATELY)**	1
32	226905	SUSP PIVOT (1) BUSH D25K-09RLY **(TUBE & BUSHING ASSEMBLY) (INCLUDED WITH ITEM 21) (INCLUDES ITEM 31)**	1
33	3-181-010034-1	CLAMP CONDUIT STEEL 1/2	7
34	- - - - -	AXLE & BEAM ASSEMBLY **(16.5 DISC BRAKES, OPTION)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -

Axle Suspension, LSS-25K-9.0RLU, 2nd / 3rd / Flip Axle (Option)

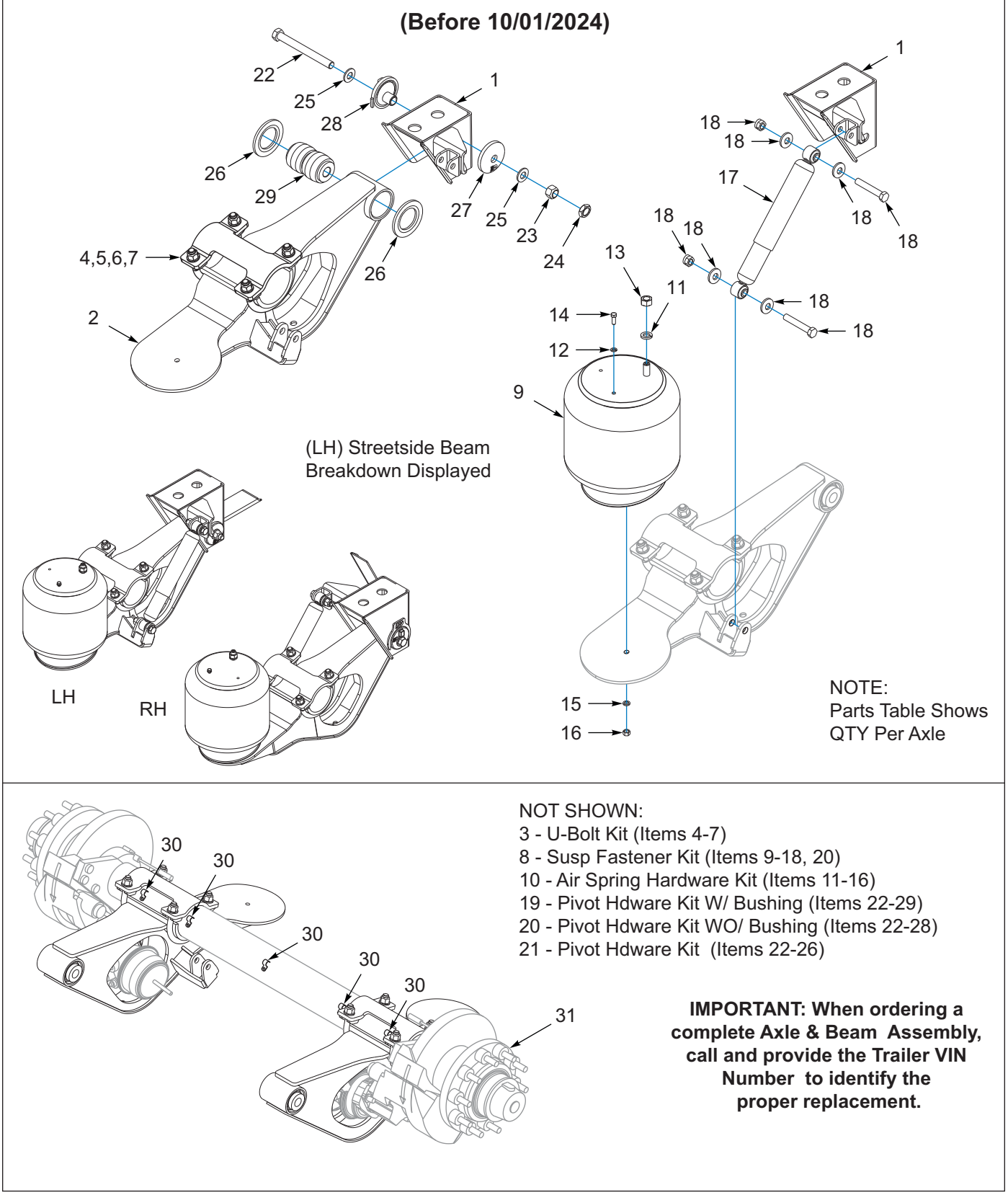
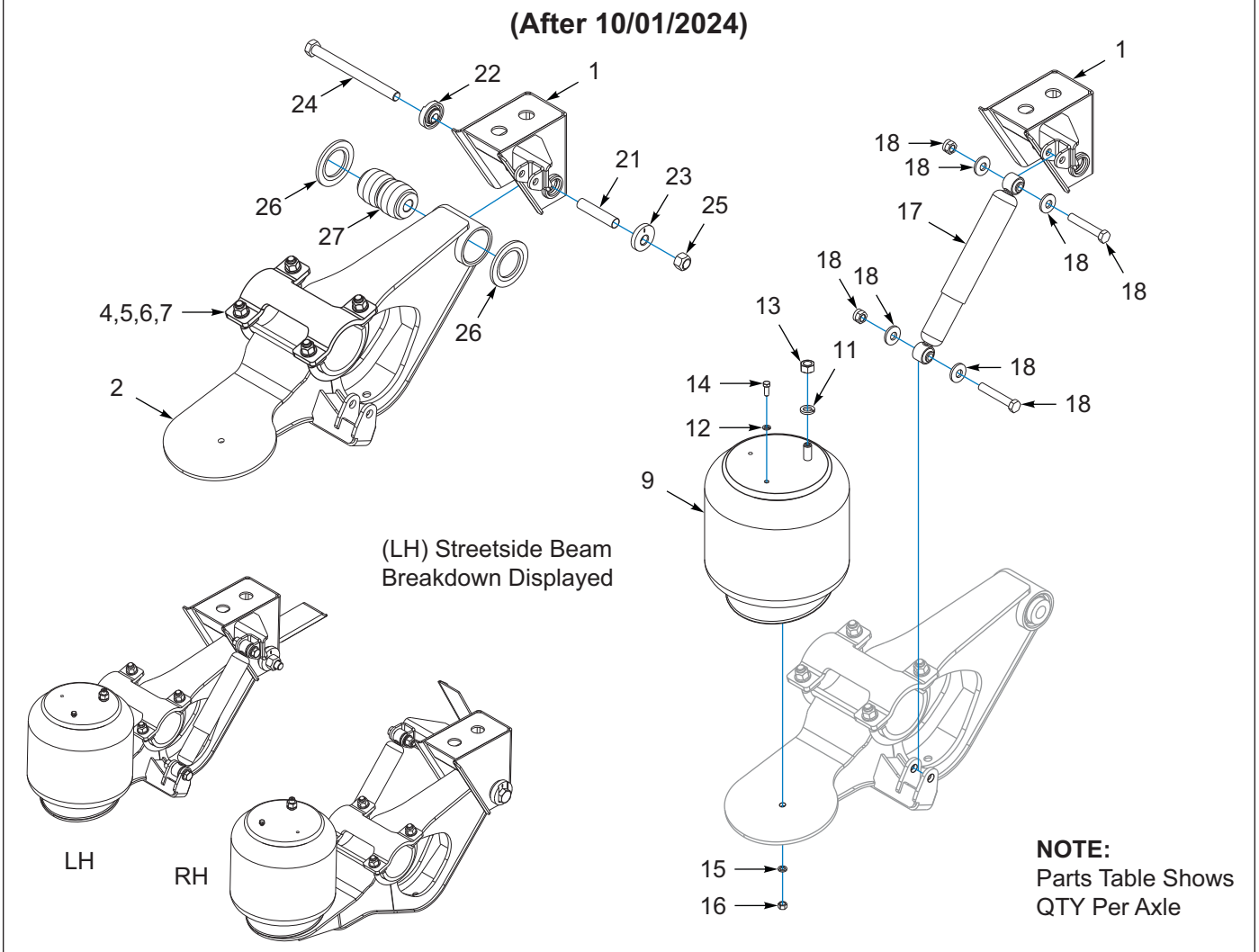


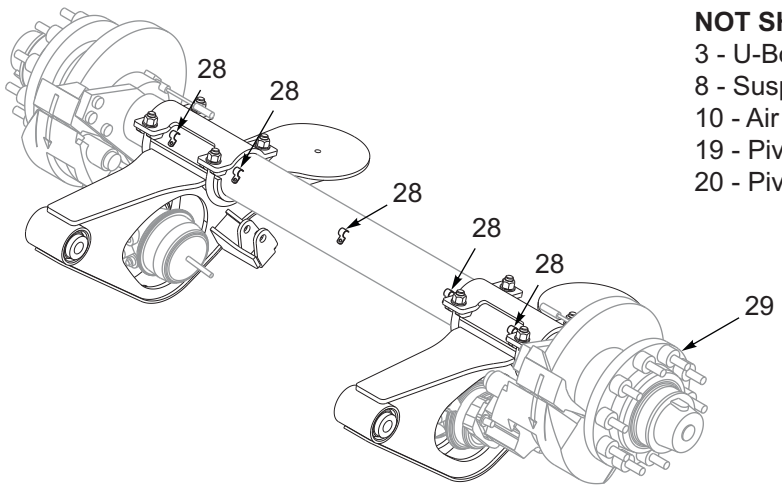
Figure 5-9: Axle Suspension, LSS-25K-9.0RLU, 2nd / 3rd / Flip Axle (Option)

Axle Suspension, LSS-25K-9.0RLU, 2nd / 3rd / Flip Axle (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	- - - - -	AXLE WLDMT SPRING **(DISC BRAKE)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	226909	SUSP HANGER KIT D25K-09RLU **(INCLUDES RH AND LH BRACKETS & 2 EACH GUSSETS)**	1
2	226910	SUSP BEAM KIT D25K-09RLU **(INCLUDES RH AND LH BEAMS, SHOCK MOUNTS & ITEM 3)**	1
3	238565	U-BOLT KIT, LSS-25K-xxRLU/RLY **(SET OF 2)** **(INCLUDED WITH ITEM 2) (INCLUDES ITEMS 4-7)**	1
4	- - - - -	WASHER, 3/4 ID **(INCLUDED WITH ITEM 3)**	8
5	- - - - -	LOCK NUT, 3/4-16UNF-2B **(INCLUDED WITH ITEM 3)**	8
6	- - - - -	U-BOLT CLAMP WELDMENT **(INCLUDED WITH ITEM 3)**	4
7	- - - - -	U-BOLT, 3/4-16UNF GR8 **(INCLUDED WITH ITEM 3)**	4
8	226911	SUSP FASTENER KIT D25K-09RLU **(INCLUDES ITEMS 9-18, 20)**	1
9	228891	AIR BAG LSS-25K 9" RIDE **(INCLUDED WITH ITEM 8)**	2
10	- - - - -	HARDWARE KIT AIR SPRING **(INCLUDES ITEMS 11-16)** **(INCLUDED WITH ITEM 8)**	2
11	- - - - -	LOCK WASHER 3/4” **(INCLUDED WITH ITEM 10)**	1
12	- - - - -	LOCK WASHER 3/8” **(INCLUDED WITH ITEM 10)**	1
13	- - - - -	NUT 3/4-16UNF **(INCLUDED WITH ITEM 10)**	1
14	- - - - -	SCREW, HEX 3/8-16UNC **(INCLUDED WITH ITEM 10)**	1
15	- - - - -	LOCK WASHER 1/2” **(INCLUDED WITH ITEM 10)**	1
16	- - - - -	NUT 1/2-13UNC **(INCLUDED WITH ITEM 10)**	1
17	230610	SHOCK DEXTER 9" RIDE **(INCLUDED WITH ITEM 8)** **(SHOCK STRAP - SEE PAGE 5-26)**	2
18	225956	HARDWARE KIT SHOCK **(INCLUDED WITH ITEM 8)** **(INCLUDES 2 BOLTS, 2 NUTS, 4 WASHERS)**	2
19	225970	PIVOT HARDWARE KIT W/BUSHING **(INCLUDES ITEMS 22-29)**	2
20	225969	PIVOT HARDWARE KIT LSS-25K **(INCLUDED WITH ITEM 8)** **(INCLUDES ITEMS 22-28)**	2
21	231928	PIVOT HARDWARE KIT-7/8" EC CLR **(INCLUDES ITEMS 22-26)**	2
22	231923	SCREW, HEX 7/8-14UNF-2AX9 GR8 **(INCLUDED WITH ITEMS 19, 20, 21)**	1
23	231924	NUT, 7/8-14UNF-2B CLASS C LOCK **(INCLUDED WITH ITEMS 19, 20, 21)**	1
24	2J084	NUT HEX JAM 7/8-14 ZP **(INCLUDED WITH ITEMS 19, 20, 21)**	2
25	231925	WASHER, 7/8 ID **(INCLUDED WITH ITEMS 19, 20, 21)**	1
26	225958	BEAM SPACER LSS-25K **(INCLUDED WITH ITEMS 19, 20, 21)**	2
27	231926	PLAIN PIVOT CLAMP **(INCLUDED WITH ITEMS 19, 20)**	1
28	231927	ECCENTRIC PIVOT CLAMP **(INCLUDED WITH ITEMS 19, 20)**	1
29	225960	PIVOT BUSHING SHORT LSS-25K **(INCLUDED WITH ITEM 19)**	1
30	3-181-010034-1	CLAMP CONDUIT STEEL 1/2	6
31	- - - - -	AXLE & BEAM ASSEMBLY **(16.5 DISC BRAKES, OPTION)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -

Axle Suspension, LSS-25K-9.0RLU CC, 2nd / 3rd / Flip Axle (Option)





NOT SHOWN:
3 - U-Bolt Kit (Items 4-7)
8 - Susp Fastener Kit (Items 9-18, 20)
10 - Air Spring Hardware Kit (Items 11-16)
19 - Pivot Hdware Kit W/ Bushing (Items 22-27)
20 - Pivot Hdware Kit WO/ Bushing (Items 22-26)

IMPORTANT: When ordering a complete Axle & Beam Assembly, call and provide the Trailer VIN Number to identify the proper replacement.

Figure 5-10: Axle Suspension, LSS-25K-9.0RLU CC, 2nd / 3rd / Flip Axle (Option)

Axle Suspension, LSS-25K-9.0RLU CC, 2nd / 3rd / Flip Axle (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	- - - - -	AXLE WLDMT SPRING **(DISC BRAKE)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
1	250854	SUSP HANGER KIT D25K-09RLU CC **(INCLUDES RH AND LH BRACKETS & 2 EACH GUSSETS)**	1
2	226910	SUSP BEAM KIT D25K-09RLU **(INCLUDES RH AND LH BEAMS, SHOCK MOUNTS & ITEM 3)**	1
3	238565	U-BOLT KIT, LSS-25K-xxRLU/RLY **(SET OF 2)** **(INCLUDED WITH ITEM 2) (INCLUDES ITEMS 4-7)**	1
4	- - - - -	WASHER, 3/4 ID **(INCLUDED WITH ITEM 3)**	8
5	- - - - -	LOCK NUT, 3/4-16UNF-2B **(INCLUDED WITH ITEM 3)**	8
6	- - - - -	U-BOLT CLAMP WELDMENT **(INCLUDED WITH ITEM 3)**	4
7	- - - - -	U-BOLT, 3/4-16UNF GR8 **(INCLUDED WITH ITEM 3)**	4
8	250851	SUSP FSTNR KIT D25K-09RLU CC **(INCLUDES ITEMS 9-18, 20)**	1
9	228891	AIR BAG LSS-25K 9" RIDE **(INCLUDED WITH ITEM 8)**	2
10	- - - - -	HARDWARE KIT AIR SPRING **(INCLUDES ITEMS 11-16)** **(INCLUDED WITH ITEM 8)**	2
11	- - - - -	LOCK WASHER 3/4" **(INCLUDED WITH ITEM 10)**	1
12	- - - - -	LOCK WASHER 3/8" **(INCLUDED WITH ITEM 10)**	1
13	- - - - -	NUT 3/4-16UNF **(INCLUDED WITH ITEM 10)**	1
14	- - - - -	SCREW, HEX 3/8-16UNC **(INCLUDED WITH ITEM 10)**	1
15	- - - - -	LOCK WASHER 1/2" **(INCLUDED WITH ITEM 10)**	1
16	- - - - -	NUT 1/2-13UNC **(INCLUDED WITH ITEM 10)**	1
17	230610	SHOCK DEXTER 9" RIDE **(INCLUDED WITH ITEM 8)** **(SHOCK STRAP - SEE PAGE 5-26)**	2
18	225956	HARDWARE KIT SHOCK **(INCLUDED WITH ITEM 8)** **(INCLUDES 2 BOLTS, 2 NUTS, 4 WASHERS)**	2
19	250866	PIVOT HDWR KIT CC W/BUSHING **(INCLUDES ITEMS 22-27)**	2
20	251169	PIVOT BOLT KIT DEX CC 2 AX **(INCLUDED WITH ITEM 8)** **(INCLUDES ITEMS 22-26)**	2
21	252300	PIVOT BOLT SLEEVE **(INCLUDED WITH ITEMS 19-20)**	1
22	252309	ECCENTRIC, CC, HEAD SIDE **(INCLUDED WITH ITEMS 19-20)**	1
23	252310	ECCENTRIC, CC, NUT SIDE **(INCLUDED WITH ITEMS 19-20)**	1
24	252311	BOLT, PIVOT, CC, RLU **(INCLUDED WITH ITEMS 19-20)**	1
25	252312	NUT, LOCKING, CC DEX **(INCLUDED WITH ITEMS 19-20)**	1
26	225958	BEAM SPACER LSS-25K **(INCLUDED WITH ITEMS 19-20)**	2
27	225960	PIVOT BUSHING SHORT LSS-25K **(INCLUDED WITH ITEM 19)**	1
28	3-181-010034-1	CLAMP CONDUIT STEEL 1/2	6
29	- - - - -	AXLE & BEAM ASSEMBLY **(16.5 DISC BRAKES, OPTION)** **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -

Shock Strap, Limit, RLU 250-9-4 (Option)

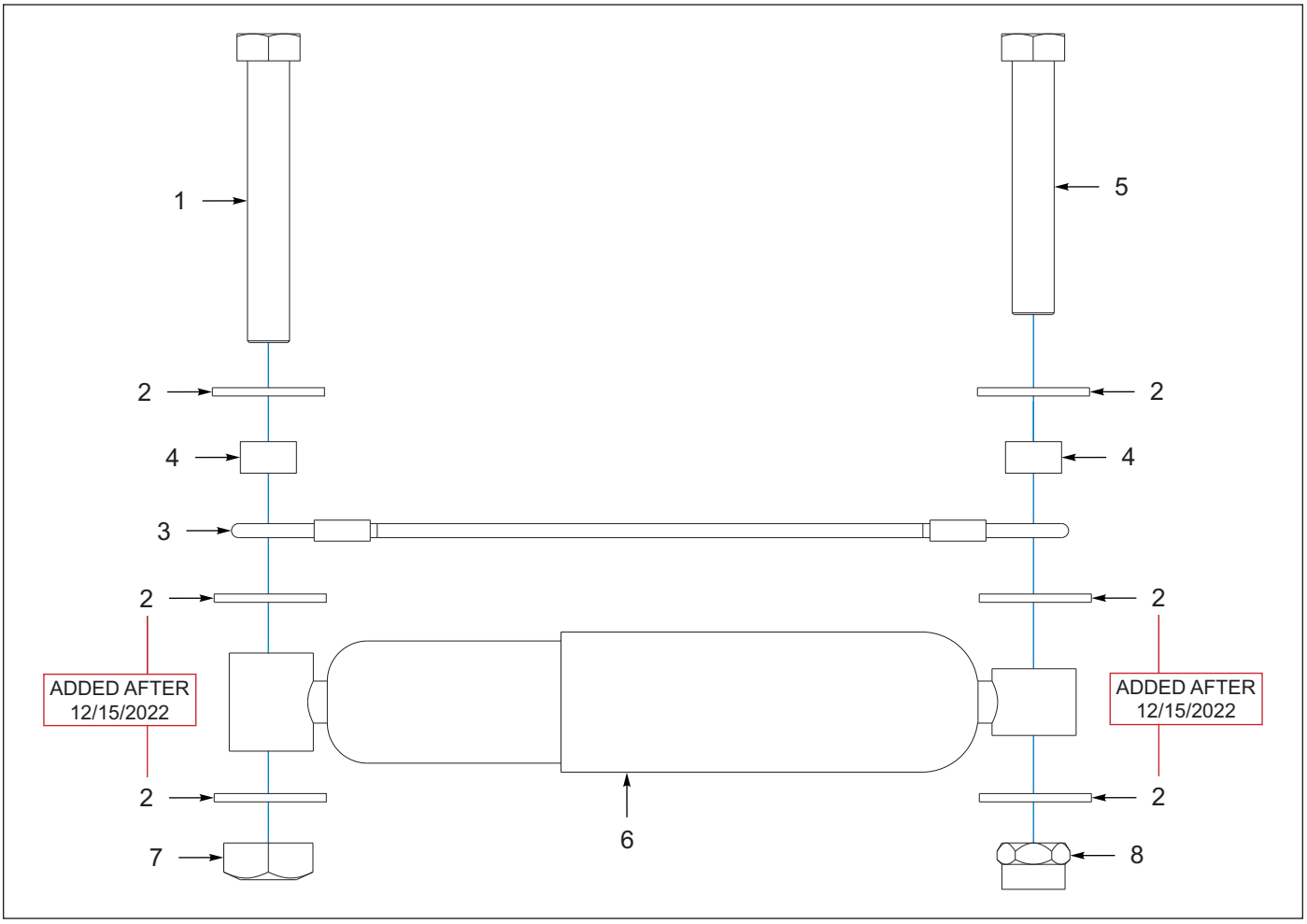


Figure 5-11: Shock Strap, Limit, RLU 250-9-4 (OPTION

Shock Strap, Limit, RLU 250-9-4 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	174133	KIT SHOCK LMTR,RLU250-9-4,1AX **(KIT 1 - FLIP AXLE, INCLUDES 2 EACH OF KIT 4)**	1
	179105	WR STRAP KIT, 2 AX RLU250-9-4 **(KIT 2 - 2 AXLE, INCLUDES 4 EACH OF KIT 4)**	1
	179106	WR STRAP KIT, 3 AX RLU250-9-4 **(KIT3 - 3 AXLE, INCLUDES 6 EACH OF KIT 4)**	1
	170115	STRAP, SHOCK LIMIT, RLU250-9-4 **(KIT 4 - SINGLE SHOCK, INCLUDES ITEMS 1-5)**	1
1	1-654-010061-15	SCREW,HX CP 3/4-10UNCX5 GR5	1
2	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD **(BEFORE 12/15/2022, REQ 2 EACH)**	6
3	170118	WIRE ROPE STRAP, RLU 250-9-4	1
4	170120	TUBE, RD 1 ODX .782 ID X 11/16	2
5	W908406-4	SCREW 3/4-10X4-1/2 HEX HD CAP	1
6	900-44-162	ABSORBER SHOCK **(SOLD SEPERATELY)**	1
7	934-00-367	NUT SQ 3/4-10 **(SOLD SEPERATELY)**	1
8	934 00 492	NUT, 3/4 - 10 **(SOLD SEPERATELY)**	1

Shock Strap, Limit, LSS-25K-9.0 (Option)

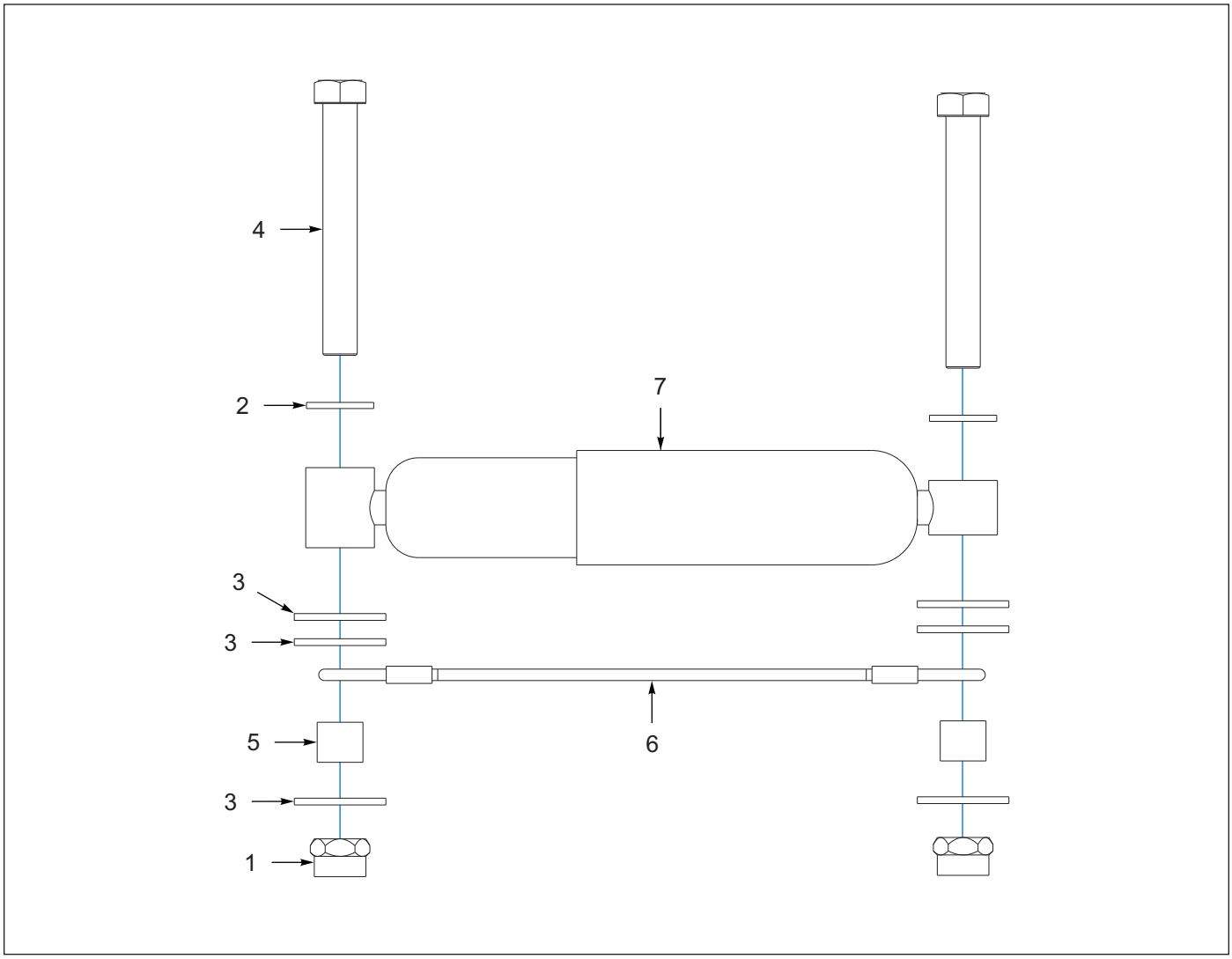


Figure 5-12: Shock Strap, Limit, LSS-25K-9.0 (Option)

Shock Strap, Limit, LSS-25K-9.0 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	225798	WR STRAP KIT 1 AX LSS-25K-9.0 **(KIT INCLUDES 2 EACH OF 232774)**	- -
	232775	WR STRAP KIT 2 AX LSS-25K-9.0 **(KIT INCLUDES 4 EACH OF 232774)**	- -
	232776	WR STRAP KIT 3 AX LSS-25K-9.0 **(KIT INCLUDES 6 EACH OF 232774)**	- -
	232774	WR STRAPKIT 1SHOCKLSS-25K-9.0 **(1 KIT INCLUDES ITEMS 1-6)**	
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2
2	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	2
3	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	6
4	139201	SCREW,HX CP 3/4-10UNCX5.50GR8	2
5	228952	TUBE RD 1 OD X .782 ID X 7/8	2
6	232768	WIRE ROPE STRAP LSS-25K-9.0	1
7	230610	SHOCK DEXTER 9" RIDE **(SOLD SEPERATELY)**	1

Suspension, Ride Height Control

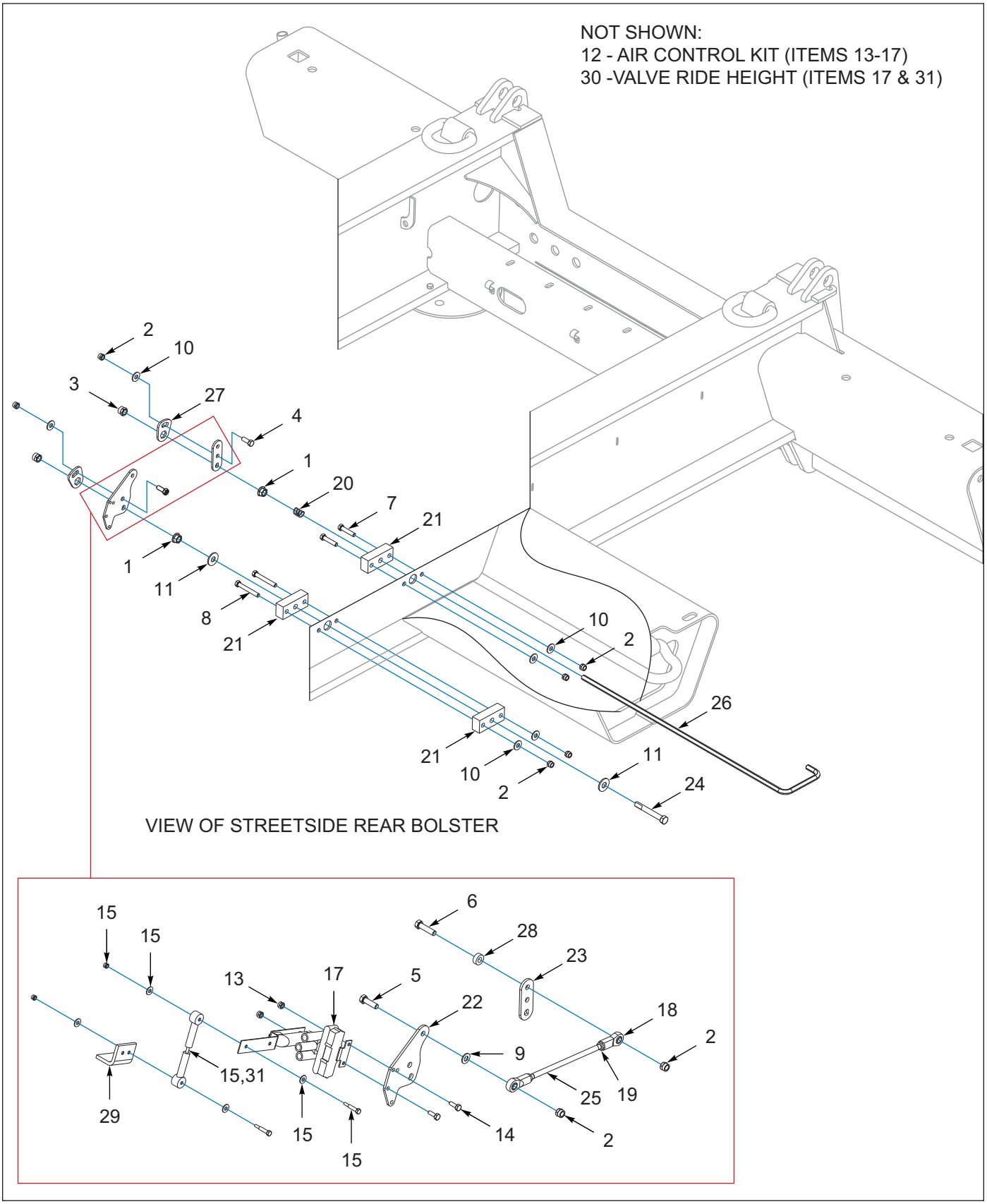


Figure 5-13: Suspension, Ride Height Control

Suspension, Ride Height Control

ITEM	PART NUMBER	DESCRIPTION	QTY.
	231421	FRAME ASSY 855F-25 60AX **(25', 26', 26' DROPSIDE, 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	1-510-010003-09	NUT,1/2-13 HD,SERRATED	2
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	8
3	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
4	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	2
5	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	1
6	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	1
7	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	2
8	1-654-010051-12	SCREW,HEX CAP,3/8-16UNCX2-3/4	2
9	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1
10	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	6
11	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
12	102732	AIR CONTROL KIT **(NOT SHOWN) (INCLUDES ITEMS 13-17) (SYSTEM, AIR - SEE PAGE 10-29) (BEFORE 10/12/2023, AFTER NOT USED)**	1
13	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
14	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
15	111021	KIT SRK-167 NEWAY 952-50-001 **(INCLUDED WITH ITEM 12) (INCLUDES 14-1/2" LONG ROD)**	1
16	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES FILTER 167692) (NOT SHOWN)**	1
17	900 54 007	HEIGHT CONTROL VALVE N **(INCLUDED WITH ITEMS 12 & 30) (BEFORE 10/12/2023)**	1
17	240141	VLVE, AIR RIDE HEIGHT HLDX 3/8 **(AFTER 10/12/2023)**	1
18	123717	ROD END, BALL JOINT 3/8	2
19	123869	NUT HX JAM 3/8-24UNF GR2	2
20	174178	SPRING, COMP HGT CONTROL	1
21	194415	PIVOT BLOCK NYLATRON HC	3
22	194417	LINK VALVE HT CTRL 855	1
23	194418	LINK ROD HT CTRL 855	1
24	194419	SCREW PIVOT HEIGHT CONTROL	1
25	194424	ROD HEIGHT CONTROL 855 **(25A) (LENGTH 11-3/8")**	1
25	223142	ROD, HEIGHT CONTROL, 800 50SPD **(25B) (BEFORE 05/03/2021 LENGTH 9-1/4" - AFTER 10-1/2")**	1
25	223147	ROD,HEIGHT CONTROL,835 54SPD **(25C) (BEFORE 05/03/2021 LENGTH 11-1/4" - AFTER 12-1/2")**	1
25	223148	ROD,HEIGHT CONTROL,835 60SPD **(25D) (BEFORE 05/03/2021 LENGTH 14-1/4" - AFTER 15-1/2")**	1
25	232509	ROD HEIGHT CONTROL 800 73SPRD **(25E) (BEFORE 05/03/2021 LENGHT 21-1/4" - AFTER 21-1/2")**	1
26	194425	ROD HEIGHT CTRL 835	1
27	194426	ANTI-ROTATION WASHER 3/8	2
28	194427	SPACER WASHER HC	1
29	238806	BRCKT LINK, RIDE HGHT **(WELDED TO AXLE)**	1
30	3F843-010034	FI VALVE RIDE HEIGHT CONTROL **(INCLUDES ITEMS 17 & 31)**	1
31	481-00-225	LINKAGE (18-1/4" LONG ROD) **(CUT TO FIT) (INCL. WITH ITEM 30)**	1

Suspension, Axle Lift, Air (Option)

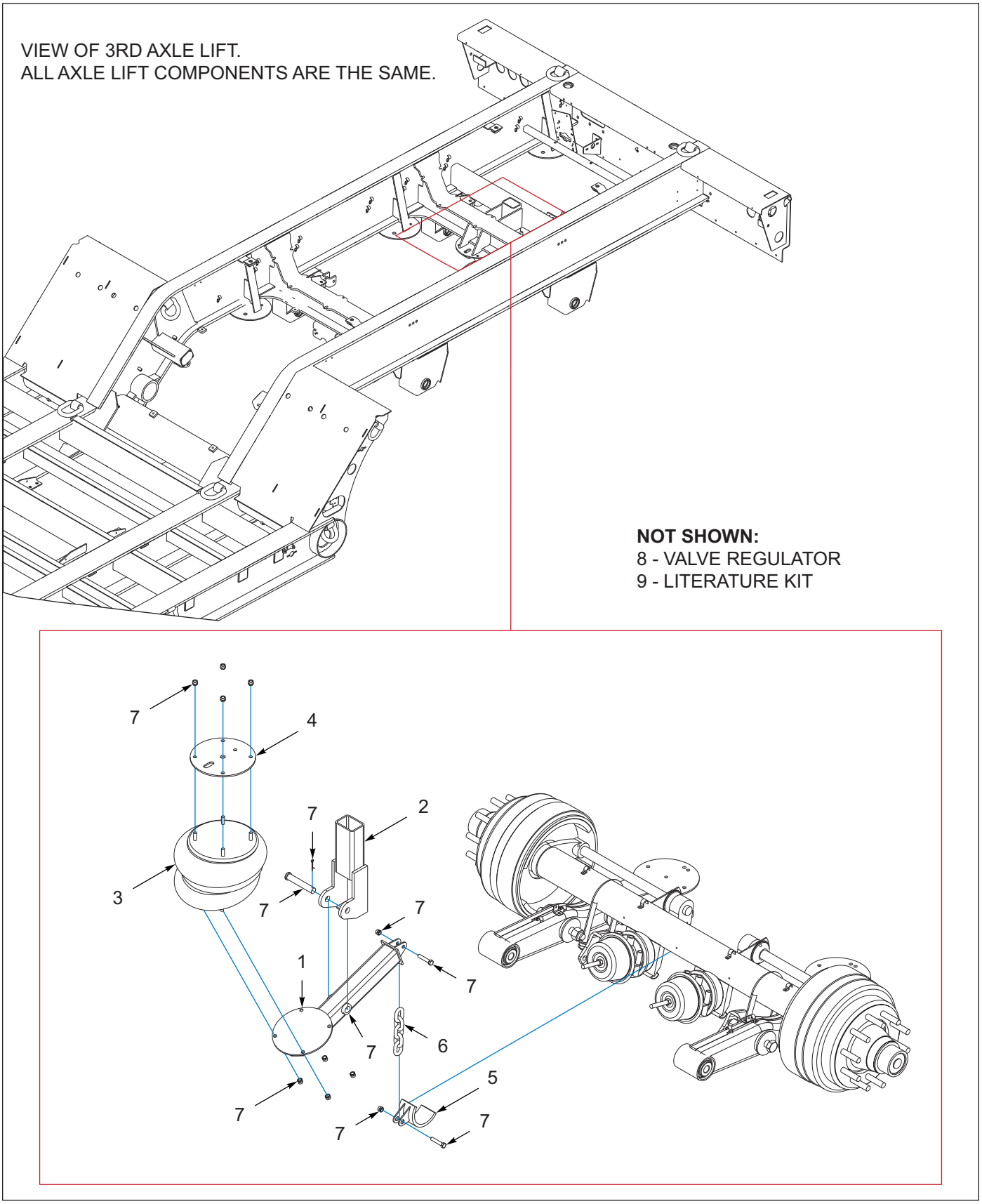


Figure 5-14: Suspension, Axle Lift, Air (Option)

Suspension, Axle Lift, Air (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227044	CONTROL INSTL AXLE LIFT 800	- -
	140450	REAR SUSPENSION AIR LIFT ASSEMBLY	- -
1	161825	LIFT ARM WLDMT AXLE B	1
2	164086	BRACKET LIFT ASSEMBLY	1
3	164087	AIR SPRING **(AIR SYSTEM BEFORE 12/01/2023 - SEE PAGE 10-45)** **(AIR SYSTEM AFTER 12/01/2023 - SEE PAGE 10-47)**	1
4	164088	PLATE, AIR SPRING MOUNTING	1
5	164089	AXLE BRACKET	1
6	164090	CHAIN	1
7	164091	FASTENER KIT	1
8	164092	VALVE REGULATOR ASSEMBLY **(AIR SYSTEM BEFORE 12/01/2023 - SEE PAGE 10-45)** **(AIR SYSTEM AFTER 12/01/2023 - SEE PAGE 10-47)**	1
9	164093	CENTER BAG LIFT - LITERATURE KIT	1

Tire and Wheel Assemblies, 22.5 x 8.25 Rim

IMPORTANT: IF ORDERING TIRE ASSEMBLIES OR REPLACEMENT WHEELS, PROVIDE THE DEALER WITH THE TRAILER VIN NUMBER TO PROPERLY IDENTIFY ORIGINAL PARTS.

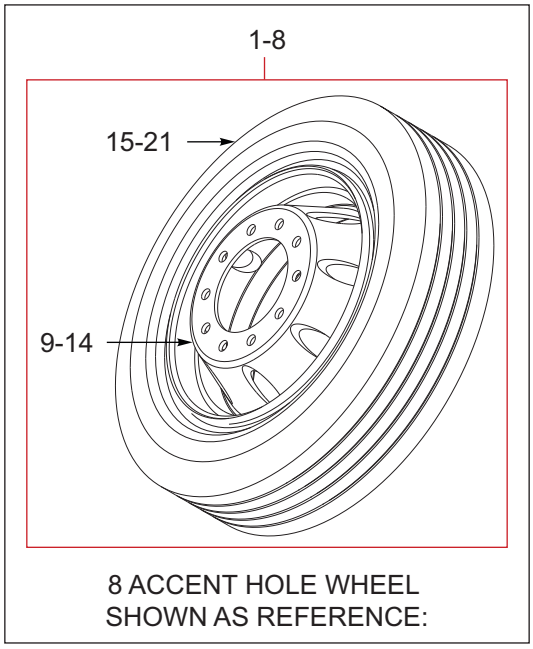
ITEMS 1-6 ARE MOST COMMON TIRE ASSEMBLIES.

TIRE ASSEMBLIES COME WITH TIRE, WHEEL AND VALVE STEM.

ADDITIONAL ASSEMBLIES ARE AVAILABLE FOR THE WHEELS AND TIRES LISTED IN ITEMS 7-19.

MAIN CHARACTERISTICS TABLE:

ITEM	WHEEL	STUDS	BOLT PATTERN	HUB BORE	OFFSET
9-11	22.5 X 8.25	10	11.25 (285.75 MM)	8.66 (220 MM)	6.59
12	22.5 X 8.25	10	11.25 (285.75 MM)	8.66 (220 MM)	6.60
13-14	22.5 X 8.25	10	11.25 (285.75 MM)	8.66 (220 MM)	6.62



8 ACCENT HOLE WHEEL
SHOWN AS REFERENCE:

NOT SHOWN: #22 VALVE STEM EXTENSION (OPTION)

Figure 5-15: Tire and Wheel Assemblies, 22.5 X 8.25 Rim

Tire and Wheel Assemblies, 22.5 X 8.25 Rim

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	145696	TIRE ASSY 255 DC STL PLT 8.25 **(INCLUDES ITEMS 14, 16)**	1
2	145697	TIRE ASSY 255DC POL AL PLT8.25 **(INCLUDES ITEMS 9, 16)**	1
3	208053	TIRE ASSY 255/70R22.5 CONT STL **(INCLUDES ITEMS 14, 17)**	1
4	208054	TIRE ASSY 255/70R22.5 CONT PO **(INCLUDES ITEMS 9, 17)**	1
5	163596	TIRE 275/70R22.5 DC STL 8.25 **(INCLUDES ITEMS 14, 20)**	1
6	163597	TIRE 275/70R22.5DC POL AL8.25 **(INCLUDES ITEMS 9, 20)**	1
7	208063	TIRE ASSY 275/70R22.5 CONT STL **(INCLUDES ITEMS 14, 21)**	1
8	208064	TIRE ASSY 275/70R22.5 CONT POL **(INCLUDES ITEMS 9, 21)**	1
9	111416	WHEEL ALUM PLT 22.5X8.25 POL **(USES TR545D VALVE STEM) (8 ACCENT HOLES, POLISHED, ALUMINUM)**	1
10	111417	WHEEL,ALUM,PLT 22.5X8.25 MACH **(USES TR545D VALVE STEM) (8 ACCENT HOLES, MACHINED ALUMINUM)**	1
11	134757	WHEEL AL PLT22.5X8.25 POL CTG **(USES TR545D VALVE STEM) (8 ACCENT HOLES, POLISHED COATING, ALUMINUM)**	1
12	150346	WHEEL,ALUM,DURA-BRT22.5X8.25 **(USES TR545D VALVE STEM) (8 ACCENT HOLES, POLISHED, ALUMINUM)**	1
13	111652	WHEEL,PILOT MT 22.5X8.25, PP **(USES TR573D VALVE STEM) (10 HAND HOLES, SPECIFY BLACK OR SILVER STEEL)**	1
14	3-870-010110	WHEEL,DISC,PILOT MT 22.5X8.25 **(USES TR573 VALVE STEM) (5 ACCENT HOLE, PAINTED WHITE, STEEL)**	1
15	139560	TIRE 255/70R22.5 HANKOOK **(OPTION)**	1
16	147475	TIRE 255/70R 22.5 DOUBLE COIN	1
17	208052	TIRE 255/70R22.5 CONT HSR2 SA	1
18	3-798-010023	TIRE, 255/70R22.5 GOODYEAR **(OPTION)**	1
19	3-798-010026	TIRE, 255/70R 22.5 MICHELIN **(OPTION)**	1
20	164095	TIRE 275/70R22.5 DOUBLE COIN	1
21	208062	TIRE 275/70R22.5 CONT HSR2 SA	1
22	1-843-010014	VALVE EXTENSION,STEM **(RIGID STRAIGHT 3" LONG) (OPTION)**	1

Power Unit, Hydraulic (Options)

Engine, Kohler 25HP EFI, Gasoline, Assembly

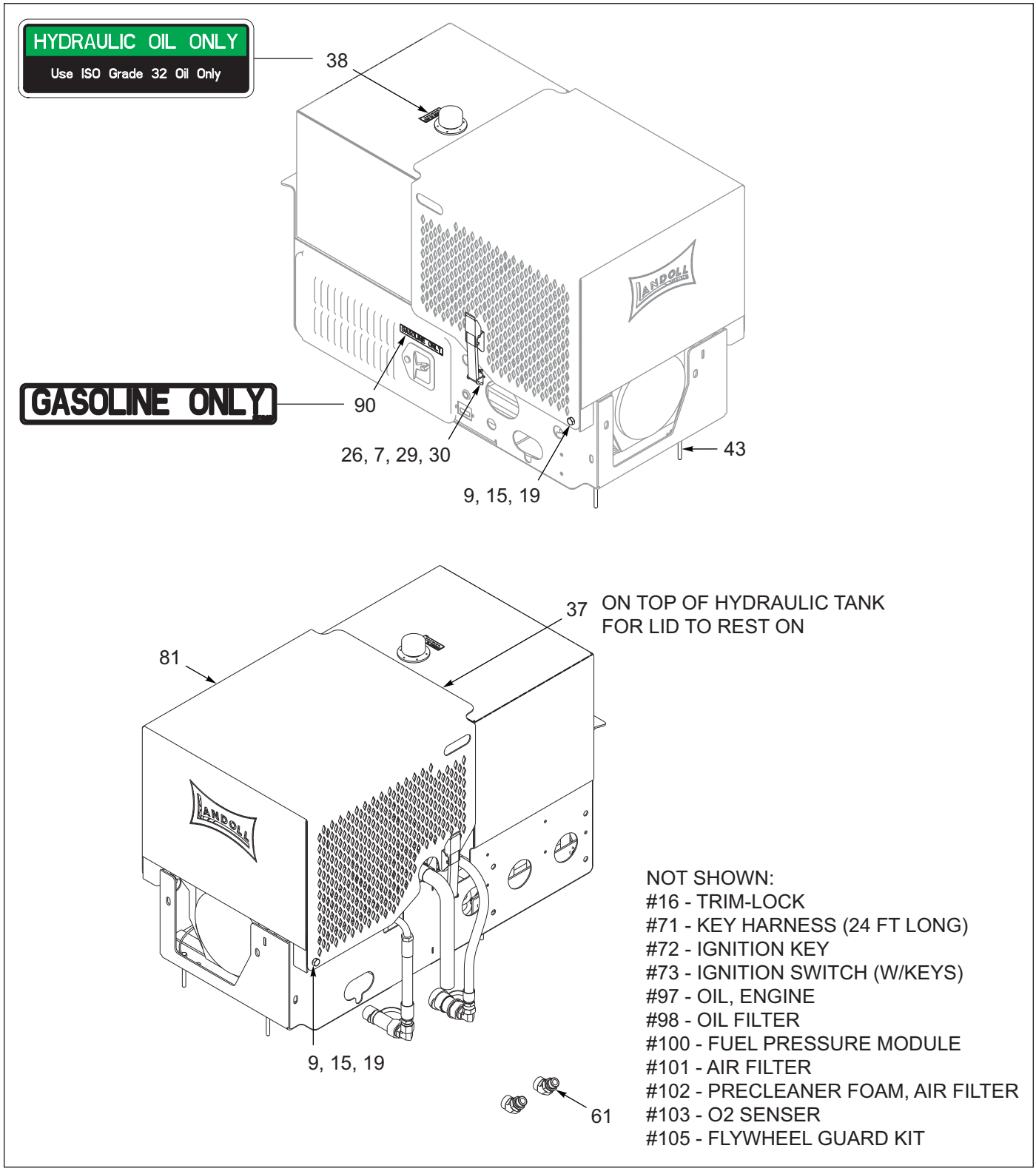


Figure 6-1: Engine, Kohler 25HP EFI, Gasoline, Assembly (1 of 5)

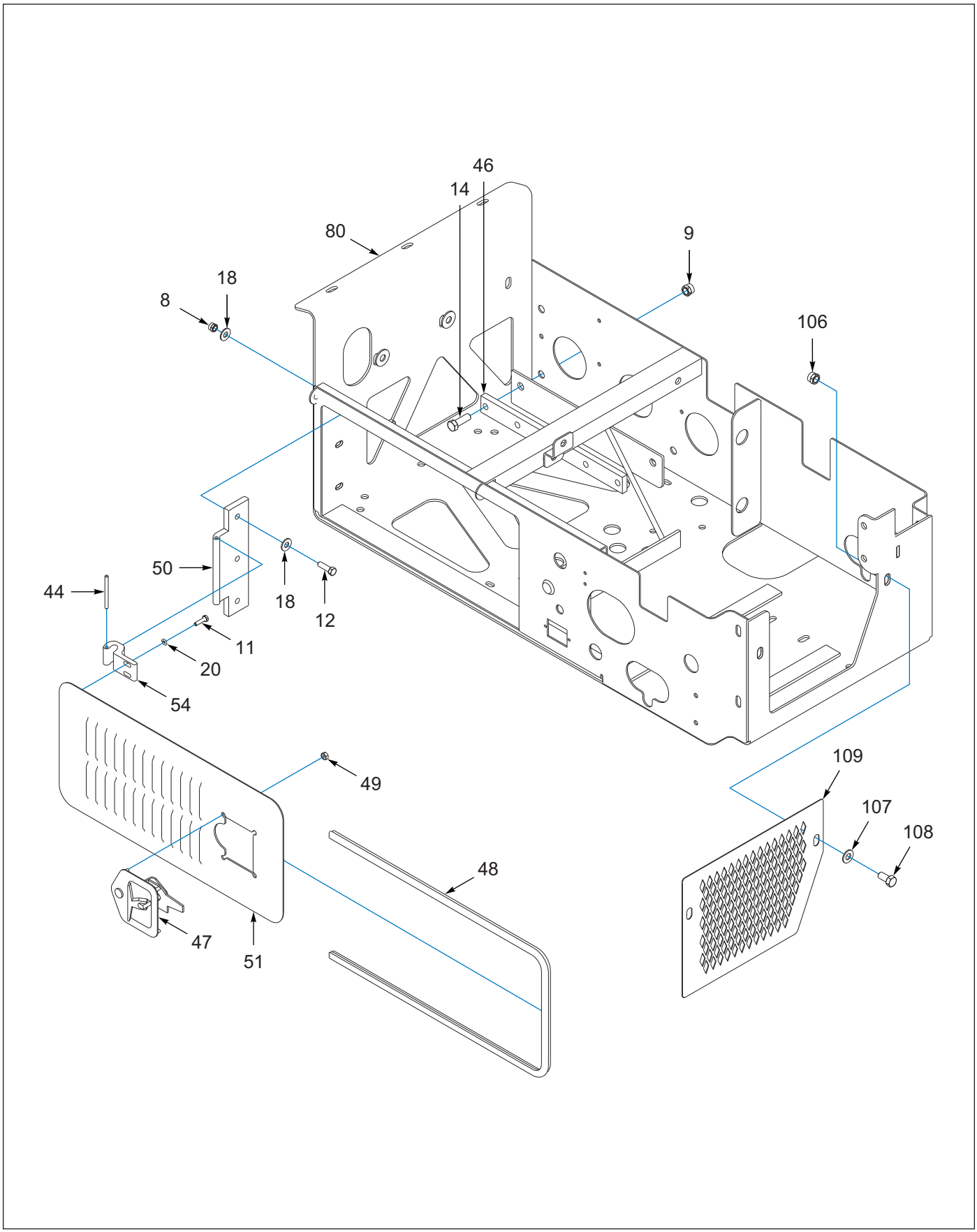


Figure 6-2: Engine, Kohler 25HP EFI, Gasoline, Assembly (2 of 5)

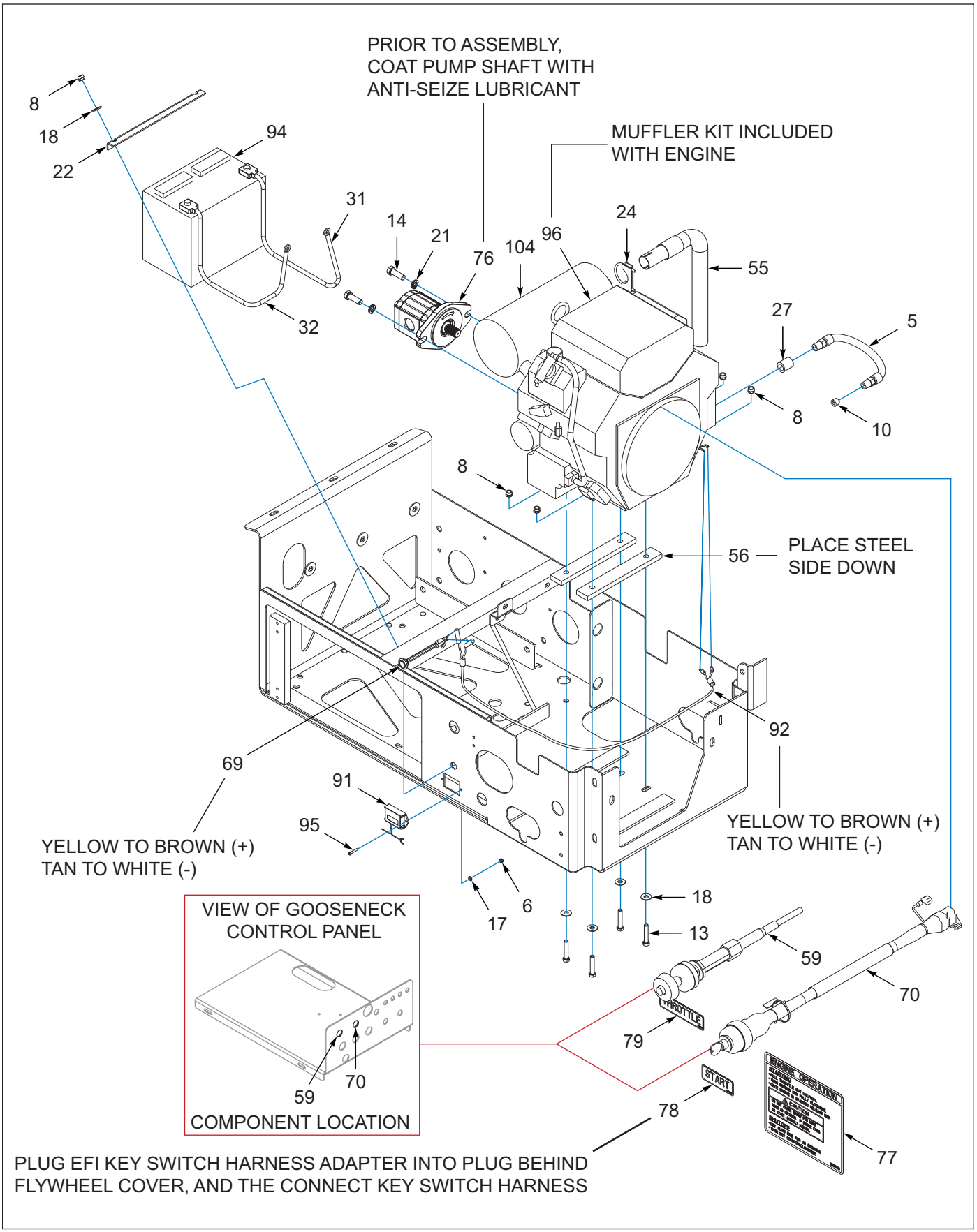


Figure 6-3: Engine, Kohler 25HP EFI, Gasoline, Assembly (3 of 5)

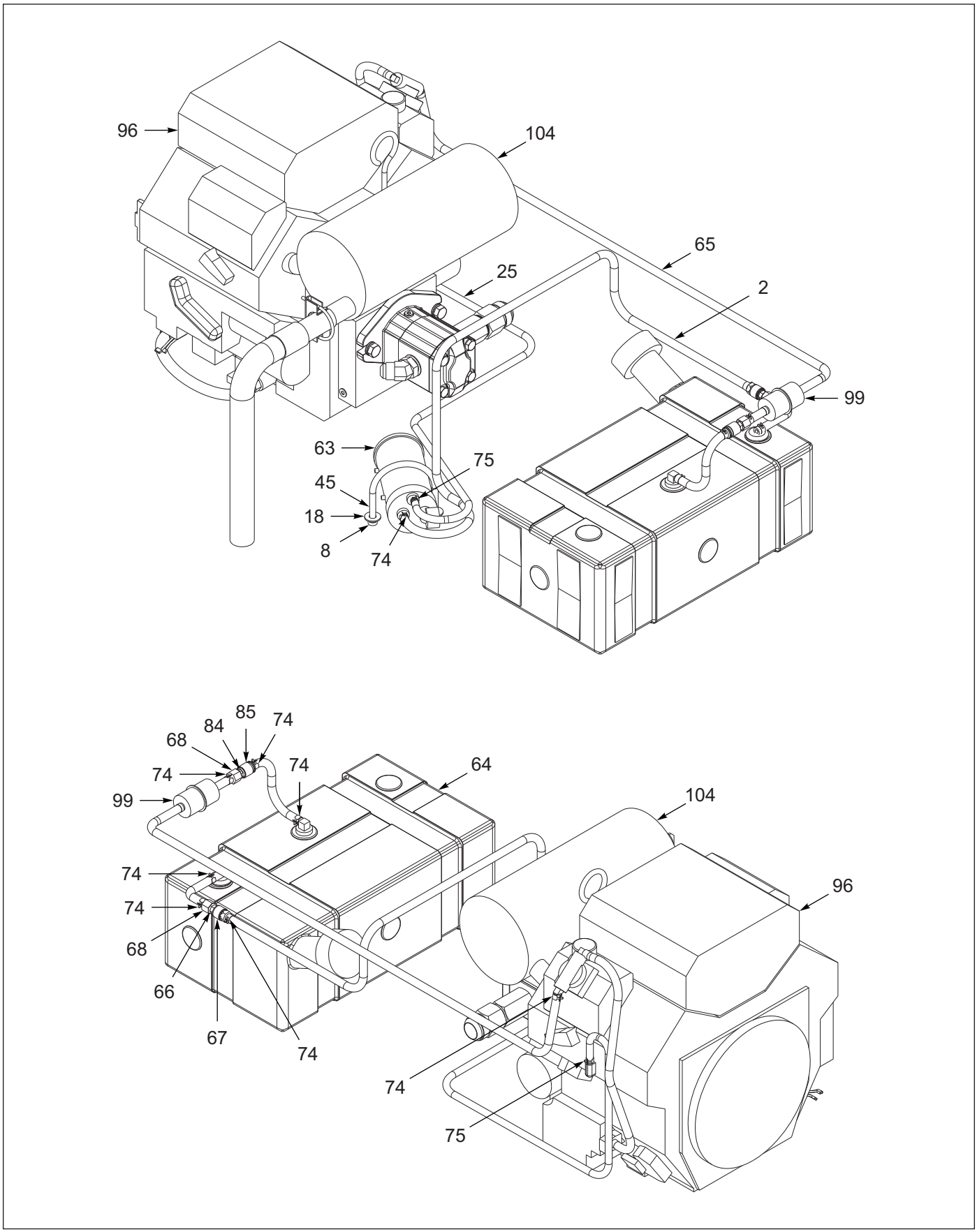


Figure 6-4: Engine, Kohler 25HP EFI, Gasoline, Assembly (4 of 5)

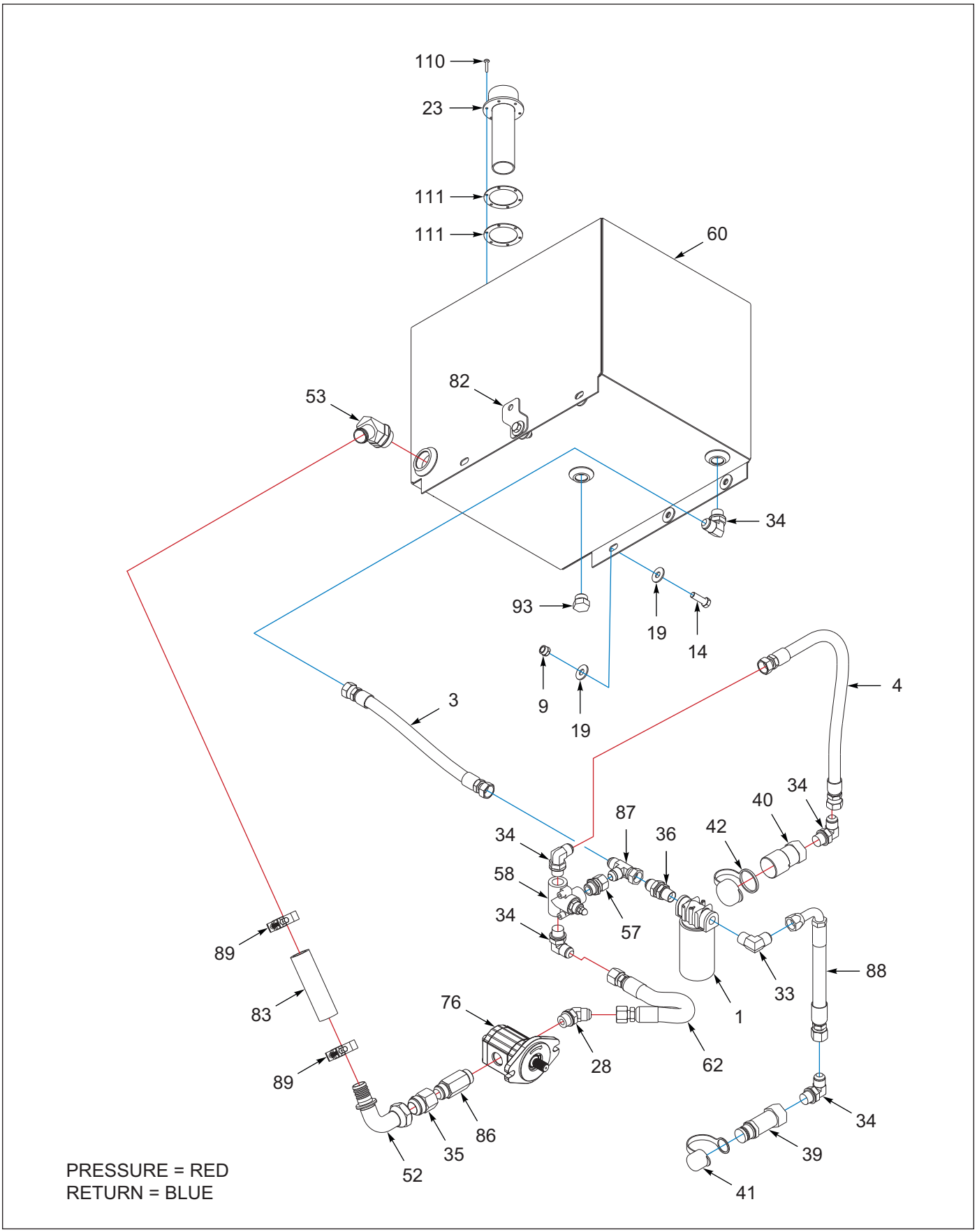


Figure 6-5: Engine, Kohler 25HP EFI, Gasoline, Assembly (5 of 5)

Engine, Kohler 25HP EFI, Gasoline, Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	189360	ENG PKG 25HP GAS EFI	- -
1	1-295-010001	FILTER, RETURN LINE	1
2	1-316-010013	HOSE,1/4 LOW PRESSURE FUEL **(BY THE FOOT)**	5
3	1-397-010304018	HOSE ASSY,3/4X18,SAE37,STR-ST	1
4	1-397-010304060	HOSE ASSY,3/4X60,SAE37,STR-ST	1
5	1-397-010312032	HOSE ASSY,3/8X32,3/8 MPT ENDS	1
6	1-512-010003-03	NUT,HX 8-32,SLF-LKG W/NYL	2
7	1-512-010004-03	NUT,HEX,SLFLK 10-24UNC, GRA	8
8	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	15
9	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	10
10	1-560-010002-03	PLUG, PIPE, 3/8NPTF	1
11	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	4
12	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	3
13	1-654-010051-09	SCREW,HEX CAP,3/8-16UNCX2 GR5	6
14	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	10
15	1-654-010055-13	SCREW,HEX CAP,1/2-13UNCX4 GR5	2
16	1-822-010002	TRIM-LOK 3/16 **(NOT SHOWN) (BY THE FOOT)**	6
17	1-861-010032-02	WASHER,FL #8 ZP/CD	2
18	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	22
19	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	20
20	1-861-010034-09	WASHER, LKG HLCL SPR, 1/4	4
21	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	2
22	3-120-010124	BATTERY CLAMP BRKT	1
23	3-162-010001	FILLER BREATHER STRAINER ASSY	1
24	3-182-010028	CLAMP MUFFLER	1
25	3-316-010008	3/16 ID FUEL HOSE **(BY THE FOOT)**	3
26	3-443-010018	LATCH,FLEX DRAW,LEVER ASSIST	2
27	3/8P COUPL	BLK PIPE COUPLING	1
28	40-0667-02	ELBOW,45,,ST-37 12-12	1
29	110-0116	SCREW RD HD CAP 10-24X3/4	8
30	110-0253	WASHER,FLAT 3/16 STD	8
31	514-9045-30	CABLE ASSY BATTERY **(POSITIVE)**	1
32	514-9073-30	CABLE ASSY BATTERY **(NEGETIVE)**	1
33	2024-12-12S	ADAPTER 90 3/4MPT X3/4M JIC	1
34	2062-12-12S	ADAPTER,90,#12 O-RINGX#12TUBE	5
35	2215-16-20S	ADAPTER-16JIC-20JIC STR	1
36	2240-12-12S	ADAPTER,BLKHD,3/4NPT-3/4TBE	1
37	10030	SEAL,BAR STOCK-NEOPRENE SPNG **(BY THE INCH)**	24
38	10109	DECAL, HYDRAULIC FLUID ONLY	1
39	105479	COUPLER FLAT FACE MALE NOSE **(PARTS - SEE PAGE 12-42) (BEFORE 03/01/2022 - SILVER BODY)**	- -
39	239677	COUPLER FL FACE ISO -12 MALE **(PARTS - SEE PAGE 12-42) (AFTER 03/01/2022 - BLACK BODY)**	1
40	105480	COUPLER FLAT FACE FEMALE BODY **(PARTS - SEE PAGE 12-42) (BEFORE 03/01/2022)**	- -
40	239678	COUPLER FL FACE ISO -12 FEMALE **(PARTS - SEE PAGE 12-42) (AFTER 03/01/2022)**	1
41	105481	COUPLER DUST CAP MALE **(BEFORE 03/01/2022)**	1
41	239679	DUST CAP -12 ISO MALE COUPLER **(AFTER 03/01/2022)**	1

Engine, Kohler 25HP EFI, Gasoline, Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
42	105482	COUPLER DUST CAP FEMALE **(BEFORE 03/01/2022)**	1
42	239680	DUST CAP FEMALE COUPLER -12ISO **(AFTER 03/01/2022)**	1
43	108295	SCREW,HX CP 3/8-16UNCX4 GR5	2
44	108601	PIN, DOOR HINGE	2
45	110578	U-BOLT, 3/8-16 x 3-1/8 x 4-1/8	1
46	113856	MOUNT,ENG ISOLATOR,KOHLERCH25	1
47	114814	LATCH FOLDING T LOCKABLE	1
48	114815	SEAL, SPONGE RUBBER TRIM **(BY THE FOOT)**	5
49	115877	NUT HVY HEX 1/4-20 GR5	4
50	116326	HINGE,BASE MNT, COM ENG PKG	1
51	116328	MOUNT,DOOR WLDMT,COM ENG PKG	1
52	116330	FITTING 1.25F 37-1.25 BARB 90	1
53	117873	FITTING,1.63-12 SAE-1 25H/B45	1
54	119206	HINGE, DOOR ENG DRV, 25HP	2
55	119445	EXHAUST EXT WLDMT 25HP E/P	1
56	120659	ISOLATOR, KOHLER 25HP MOUNT	2
57	120660	ADAPTER #12-O/RFEM-12#FL M	1
58	120661	VALVE,HYD PRES,#12SAE,2500P	1
59	128774	CABLE, THROTTLE 40'	1
60	129264	HYD TANK WLDMT, 30G E/P	1
61	138209	ADAPTER HYD 45#12 MALE-FEMORB	2
62	143850	HOSE ASSY 3/4X35OAL #12F JIC	1
63	166766	CARBON CANISTER,FUEL TANK,GAS	1
64	169531	TANK,FUEL PLSTC,6 GAL,LOW PERM	1
65	169532	HOSE, FUEL,1/4 LOW PERM, CARB **(BY THE FOOT)**	5
66	170109	FITTING,1/4MPT TO MALE QD,FORC **(BEFORE 02/01/2022, REQ 1 EACH)** **(AFTER 02/01/2022 OBSOLETE, USE ITEM 84, 202225)**	- -
67	170110	FITTING,5/16BARB TO FE QD,FORC **(BEFORE 02/01/2022, REQ 1 EACH)** **(AFTER 02/01/2022 OBSOLETE, USE ITEM 85, 202226)**	- -
68	173860	FITTING,1/4 HOSE BARBX1/4 FNPT	2
69	175591	LIGHT YEL LED .75 CL.MK GROTE	1
70	178428	SWITCH/HARNESS ASSY KOHLER UD **(INCLUDES ITEMS 71-73)** **(24 FT, STANDARD WITH ENGINE PACKAGE)**	1
70	178431	SWITCH/HARNESS ASSY KOHLER **(INCLUDES ITEMS 72-73) (40 FT, SPECIAL APPLICATIONS, SOLD SEPERATELY)**	1
71	178425	HARNESS ASSY KOHLER ENG HARNESS ASSY KOHLER ENG **(24 FEET LONG, INCLUDED WITH ITEM 70 - 178428, NOT SHOWN)**	1
72	228958	IGNITION KEYS (1 PAIR) INDAK **(NOT SHOWN)**	1
73	3-765-010050	SWITCH,ENG IGN,KOHLER MH22 **(2509904) (INCLUDES ITEM 72, NOT SHOWN)**	1
74	178638	SPRING CLAMP, 1/2"OD FUEL HOSE	8
75	179090	SPRING CLAMP,7/16"OD FUEL HOSE	2
76	186811	PUMP HYDRAULIC GEAR 0.77CID	1
77	189309	DECAL,EFI ENG PKG INSTR	1
78	189310	DECAL, START, ENG PKG	1
79	189311	DECAL, THROTTLE, ENG PKG	1
80	189361	WLDMT,ENG PKG MT, 25HP EFI	1

Engine, Kohler 25HP EFI, Gasoline, Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
81	189364	WLDMT,HOOD,ENG PKG,25HP EFI	1
82	189369	PLATE,FUEL HOSE CLAMP	1
83	193904	HOSE, 1-1/4 X 7-1/2, SUCTION	1
84	202225	FITTING 1/4 MNPT/MALE QD **(REPLACES 170109, ITEM 66 AFTER 02/01/2022)**	2
85	202226	FITTING5/16 HOSEBARB/FEMALE QD **(REPLACES 170110, ITEM 67 AFTER 02/01/2022)**	2
86	202713-16-16S	ADAPTER-16O-RING-16JIC STR	1
87	203102-12-12S	ADAPTER,TEE, #12, SAE37 SWIVL	1
88	205712	HOSE ASSY 3/4 X 60,#12 SAE 37	1
89	209878	HOSE CLAMP T-BOLT25/32 X 1-3/4	2
90	218046	DECAL GASOLINE ONLY	1
91	220977	METER HOUR/TACH DIGITIAL	1
92	223219	ENG MIL EXT ADAPTER HARNESS	1
93	900598-12S	PLUG, O-RING BOSS #12	1
94	2481X	BATTERY 12 VOLT	1
95	85G816E	SCREW,PAN.HD #8-32X1	2
96	189308	ENGINE,KOHLER,25HP,EFI,PUMP **(CH740-3052)**	1
97	1410792	OIL, ENGINE 10W-30 **(NOT SHOWN) (BY THE GALLON)**	.5
98	170114	OIL FILTER KOHLER CH740 **(NOT SHOWN)**	1
99	199105	FUEL FILTER KOHLER 25-050-42-S	1
100	210377	FUEL PRESSURE MODULE ECH740 **(NOT SHOWN)**	1
101	162041	REPLACEMENT AIR FILTER **(NOT SHOWN)**	1
102	162042	REPLACEMENT AIR FOAM **(NOT SHOWN)**	1
103	218060	SENSOR O2 KOHLER ECH740-3052 **(NOT SHOWN)**	1
104	189374	MUFFLER,KOHLER 25HP EFI, 02 SN	1
105	232033	ENGINE PKG GUARD KIT FI **(FLYWHEEL GUARD)** **(INCLUDES ITEMS 106-109) (ADDED AFTER 09/29/2020)**	1
106	1-512-010005-10	NUT HEX 1/2-20 SLF-LKG GRB	2
107	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	2
108	162248	SCREW HX CP 1/2-20UNF X 1 GR5	2
109	232034	ENGINE PKG ADD GUARD	1
110	1-656-010003051	SCREW,RH HD MACH 10-24X3/4	6
111	223220	GASKET, HYD TANK FILLER	2

Engine Assembly, Kohler 25HP, Mount

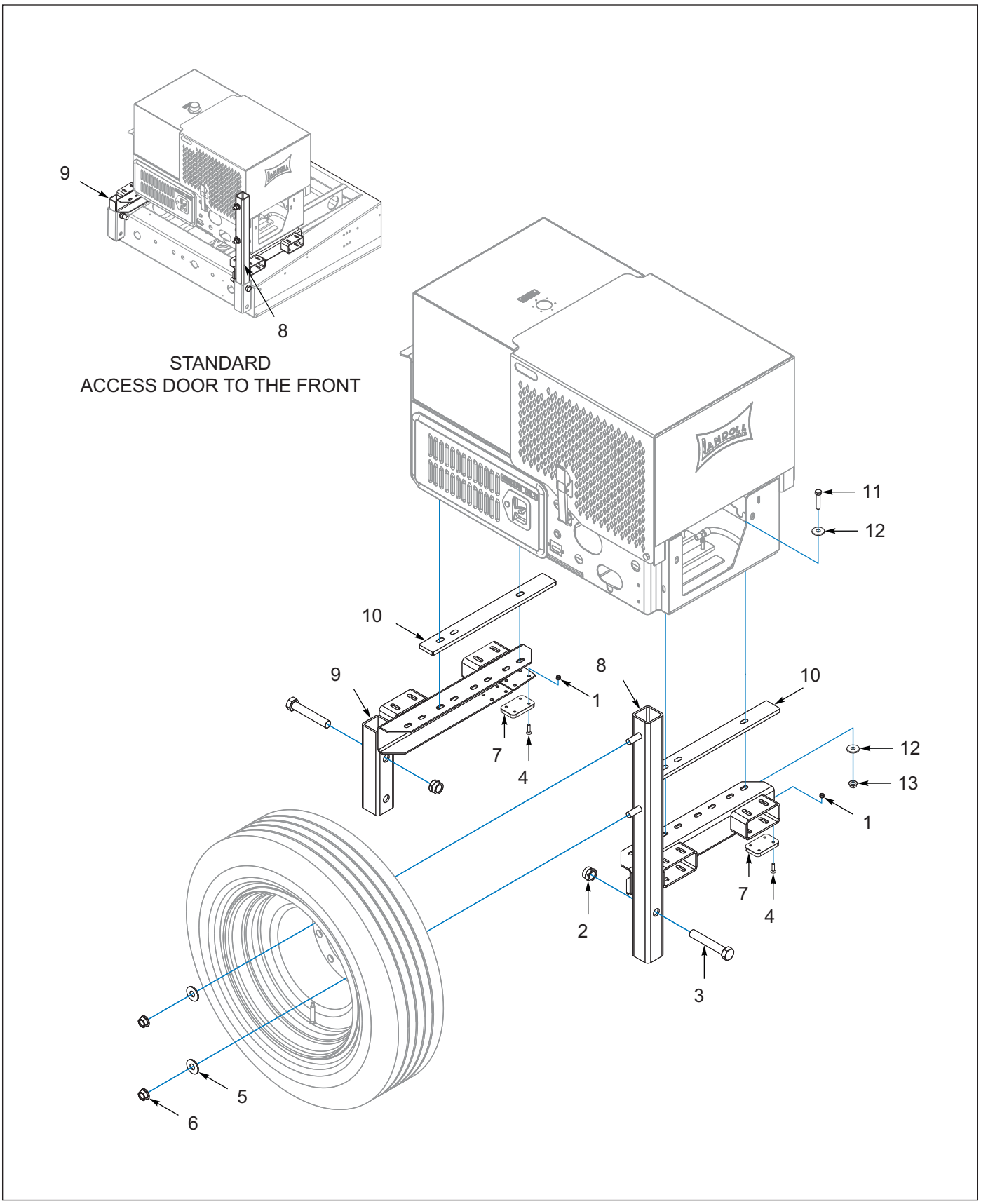


Figure 6-6: Engine Assembly, Kohler 25HP, Mount

Engine Assembly, Kohler 25HP, Mount

ITEM	PART NUMBER	DESCRIPTION	QTY.
	178434	MOUNT INSTL ENG PKG 800 **(INCLUDES ITEMS 1-10)**	- -
1	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	8
2	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	2
3	1-654-010065-17	SCREW, HEX CAP, 1-8UNCX6, GR5	2
4	1-654-010121-06	SCREW HEX SKT CTSK,5/16X1-1/4	8
5	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	2
6	103841	NUT,FLG,LNK,SERRATED 3/4-10UNC	2
7	110996	PAD SWING REST BOTTOM	2
8	178435	MOUNT WLDMT LH ENG PKG	1
9	178436	MOUNT WLDMT RH ENG PKG	1
10	221021	SPACER 800 ENGINE DRIVE	2
11	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	4
12	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
13	124971	NUT HX FLG 1/2-13 SPIRALOCK	4

Engine, Kohler 25HP, Mount W/Winch

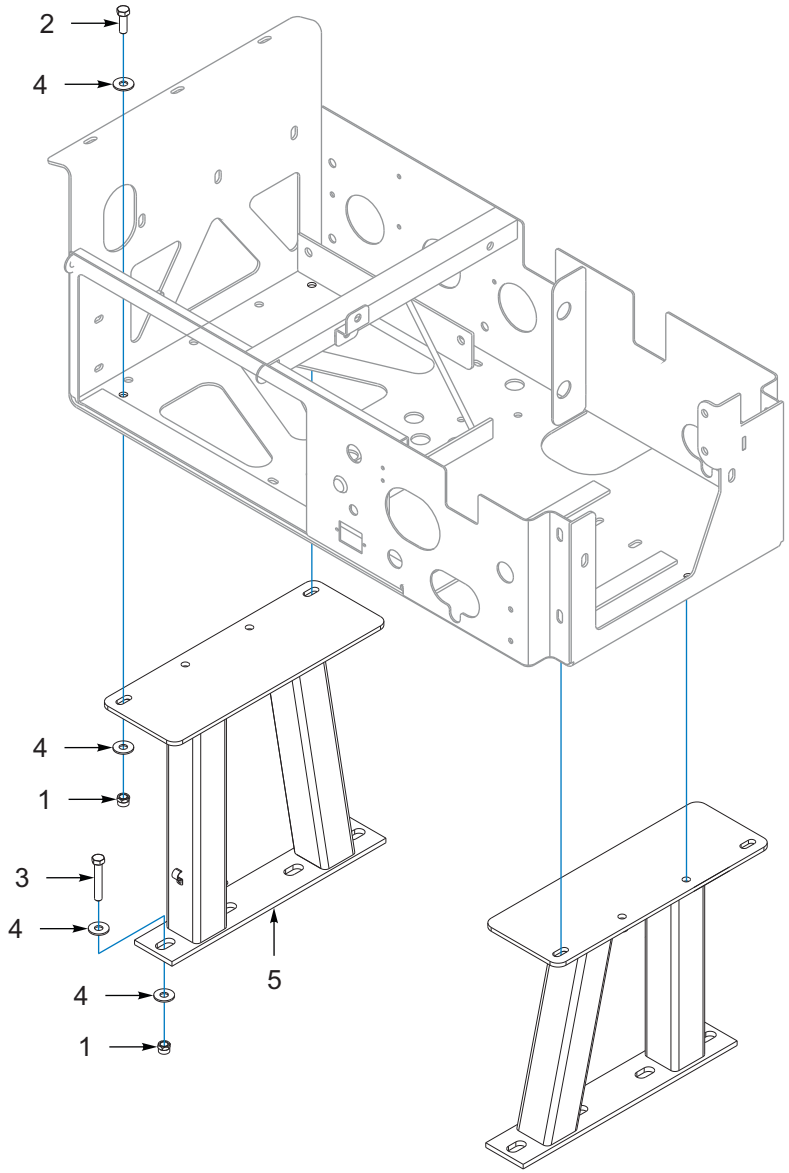


Figure 6-7: Engine, Kohler 25HP, Mount W/Winch

Engine, Kohler 25HP, Mount W/Winch

ITEM	PART NUMBER	DESCRIPTION	QTY.
	136578	STAND INSTL U/D ENG PKG 930	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8
2	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
3	1-654-010055-09	SCREW,HX CP,1/2-13UNCX3 GR5	4
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	16
5	134857	MOUNT WLDMT ENG PKG 318-186	2

Table provided for general use.

NOTES:

Wet Kit, Tractor Hydraulic

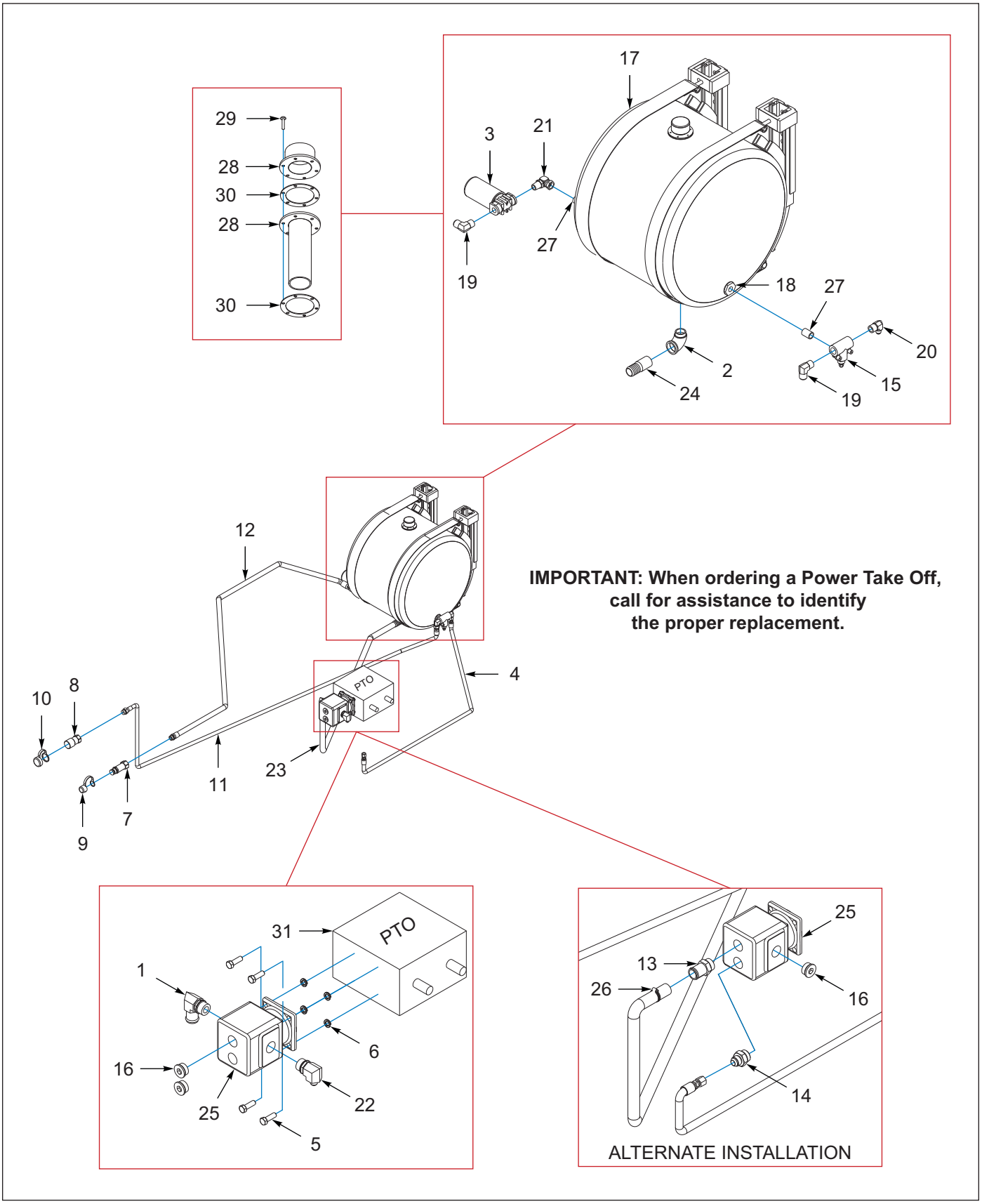


Figure 6-8: Wet Kit, Tractor Hydraulic

Wet Kit, Tractor Hydraulic

ITEM	PART NUMBER	DESCRIPTION	QTY.
	107498	WET KIT,35GAL, W/PTO, INSTALL **(STEEL TANK)**	- -
	107499	WET KIT,35GAL,W/PTO,NOT INST **(STEEL TANK)**	- -
	107500	WET KIT 35GAL W/O PTO NOT INS **(STEEL TANK)**	- -
	220732	WET KIT, ALUM, 35GAL **(ALUMINUM TANK)**	- -
	240507	WET KIT 35GAL ALUM W/PTO INSTL **(ALUMINUM TANK)**	--
1	1-007-010006	90 EL 1-5/16 O-RING-1-1/4 HOS	1
2	1-1/4ST ELL	PIPE ELBOW BLK 90 ST	1
3	1-295-010001	FILTER, RETURN LINE **(1-295-010002 FILTER ONLY)**	1
4	1-397-010301100	HOSE ASSY,1/2X100 SAE 37 STR	1
5	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
6	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
7	105479	COUPLER FLAT FACE MALE NOSE **(BEFORE 03/01/2022 - SILVER BODY)**	1
7	239677	COUPLER FL FACE ISO -12 MALE **(AFTER 03/01/2022 - BLACK BODY)**	1
8	105480	COUPLER FLAT FACE FEMALE BODY **(BEFORE 03/01/2022)**	1
8	239678	COUPLER FL FACE ISO -12 FEMALE **(AFTER 03/01/2022)**	1
9	105481	COUPLER DUST CAP MALE **(BEFORE 03/01/2022)**	1
9	239679	DUST CAP -12 ISO MALE COUPLER **(AFTER 03/01/2022)**	1
10	105482	COUPLER DUST CAP FEMALE **(BEFORE 03/01/2022)**	1
10	239680	DUST CAP FEMALE COUPLER -12ISO **(AFTER 03/01/2022)**	1
11	106759	HOSE 1/2X164,1-1/16O-RG 12FJI	1
12	106760	HOSE 3/4X164 1-1/16O-RG 12SAE	1
13	107513	ADAPTER #16 O-RING X 1-1/4HOS	1
14	12-16 070120	ADAPTER,#12 TUBE/ #16 O-RING	1
15	125130	RD12D HYD BY PASS SRDD	1
16	157330	PLUG,, #16 ORB HEX	2
17	168193	HYDRAULIC TANK 35GAL STD	1
18	20-12 140140	REDUCER STR #20PIPE X#12 PIPE **(STEEL TANK)**	2
18	166735	HYD TANK ALUM 35GAL POLISHED **(ALUMINUM TANK)**	
19	2024-12-12S	ADAPTER 90 3/4MPT X3/4M JIC	2
20	2024-12-8S	ELBOW,90,#12NPTX#8 JIC	1
21	2047-12-12S	PIPE SWIVEL 90 MALE 3/4-14	1
22	2062-16-8S	ADAPTER 90 1 BOSSX1/2 37	1
23	3-399-010001	HOSE 1-1/4 SUCTION	8
24	3-561-010001	HOSE BARB 1-1/4 NPT	1
25	3-591-010001	HYDRAULIC GEAR PUMP	1
26	6828	IDEAL HOSE CLAMP2.25MAX-1.3MI	2
27	C3069X12	NIPPLE HYD 3/4 MPT	2
28	3-162-010001	FILLER BREATHER STRAINER ASSY **(INCLUDES ITEM 30-31)**	1
29	1-656-010003051	SCREW,RH HD MACH 10-24X3/4 **(INCLUDED WITH ITEM 29)**	6
30	223220	GASKET, HYD TANK FILLER **(INCLUDED WITH ITEM 29)**	2
31	- - - - -	POWER TAKE OFF **(CALL FOR ASSISTANCE)**	1

Ramp Assemblies

Front, Pin On, 16"

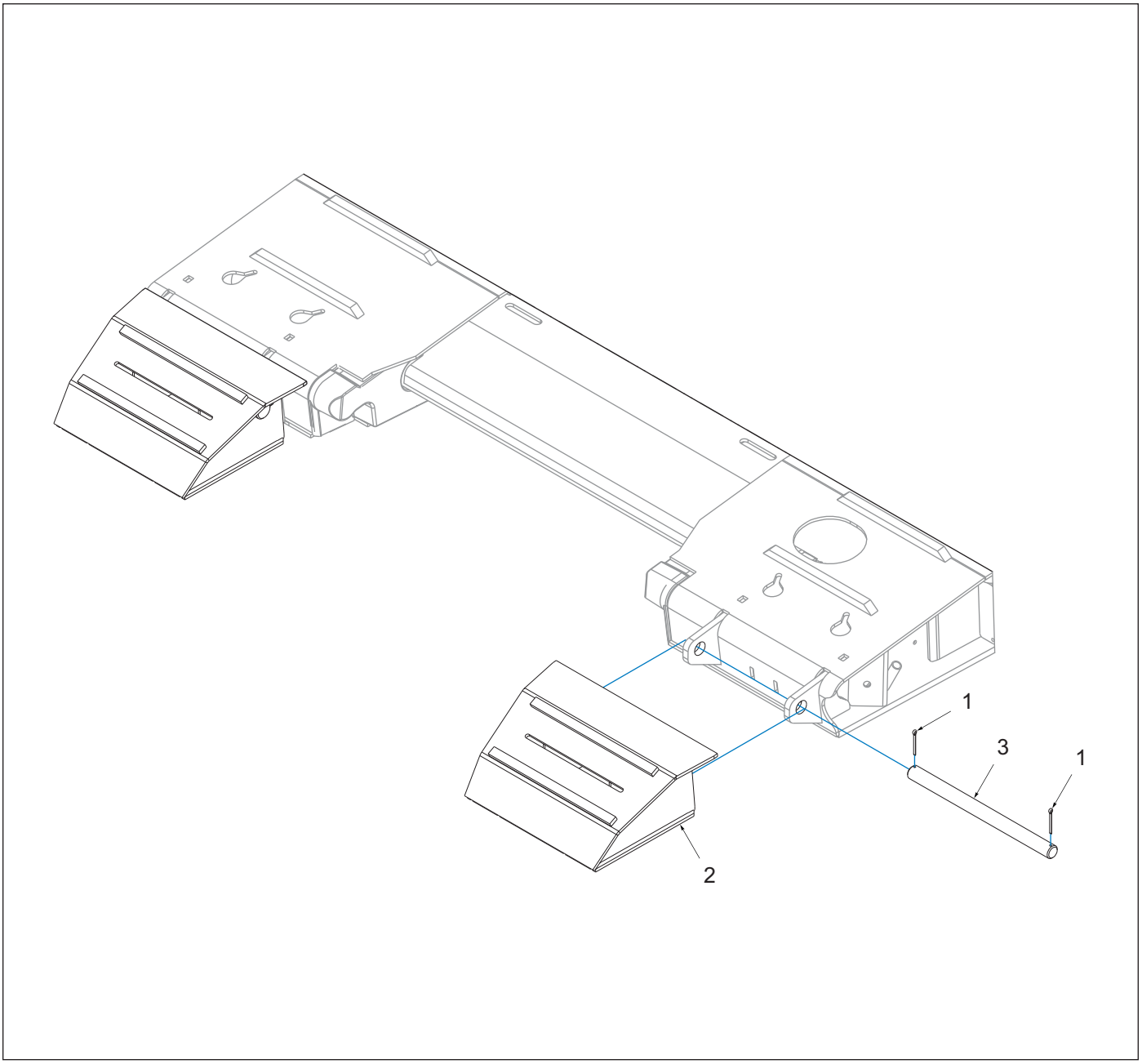


Figure 7-1: Front, Pin On, 16"

Front, Pin On, 16"

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210053	RAMP PIN-ON ASSIST 855 PC **(SET INCLUDES ITEMS 1-3)**	1
1	1-557-010362-65	PIN COTTER, 1/4X2-1/2 ZP	4
2	213378	RAMP WLDMT PIN-ON AST 855-102	2
3	213393	PIN RAMP MOUNT 2X20	2

Front, Pin On, 24" Flip (Option)

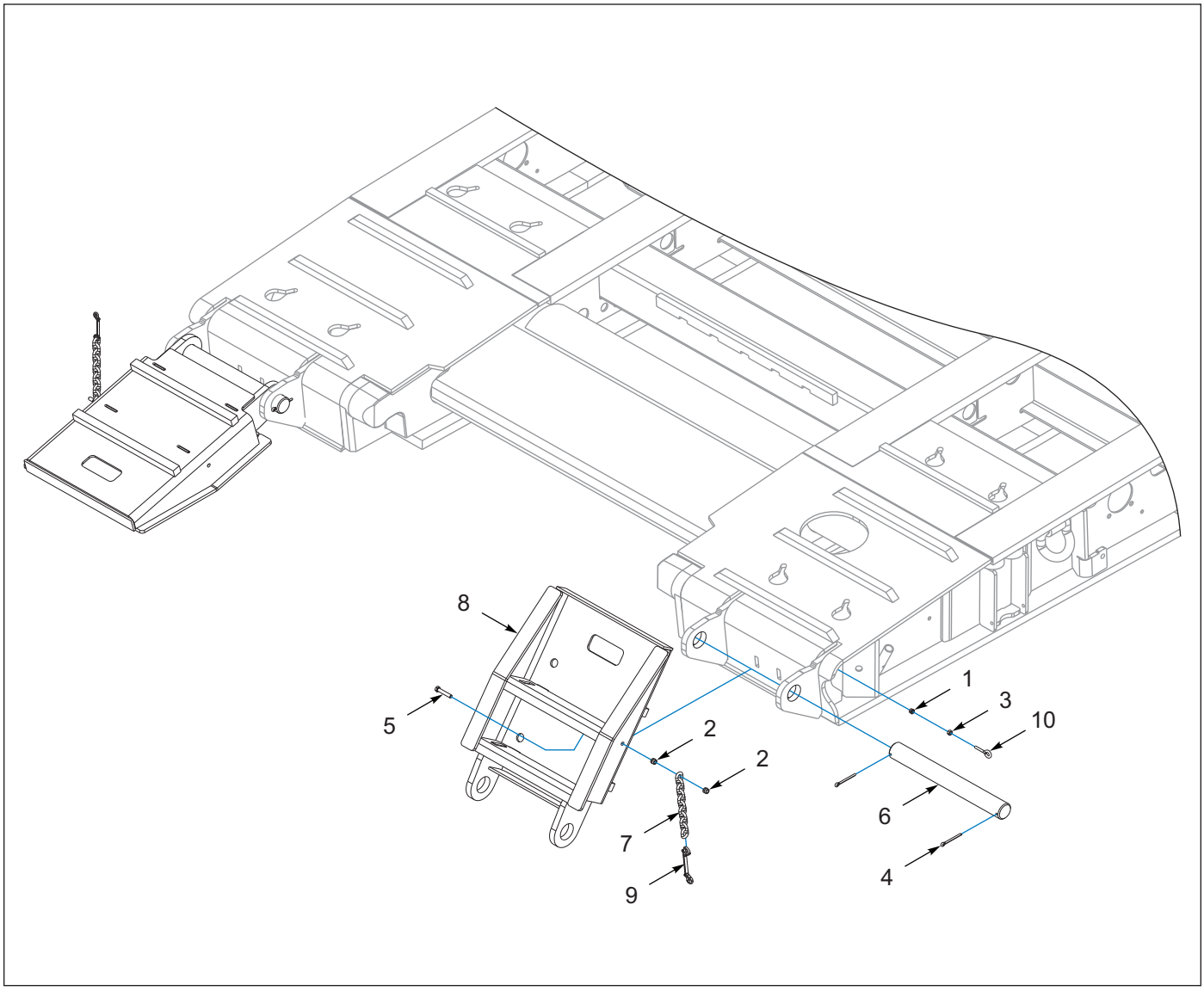


Figure 7-2: Front, Pin On, 24" Flip (Option)

Front, Pin On, 24" Flip (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	213394	RAMP INSTL FLIP OVER 855 PC **(SET INCLUDES ITEMS 1-10)**	1
1	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
3	1-512-010007-06	NUT, HEX 5/16-18 GR2 ZP	2
4	1-557-010362-65	PIN COTTER, 1/4X2-1/2 ZP	4
5	1-654-010051-09	SCREW,HEX CAP,3/8-16UNCX2 GR5	2
6	184382	PIN RAMP MOUNT 855PAV	2
7	2-174-010029	CHAIN LIMIT ROW CROP **(BEFORE 08/29/2022)**	2
7	2-174-010025	CHAIN CROP SHIELD ADJUSTMENT **(AFTER 08/29/2022)**	2
8	213395	RAMP WLDMT FLIP OVER 855	2
9	3-707-010001	SNAP, DOUBLE END	2
10	5/16-18X1-1/2EB	EYE BOLT 5/16-18X1-1/2	2

Front, Pin On, Bi-Fold, Track Section (Option)

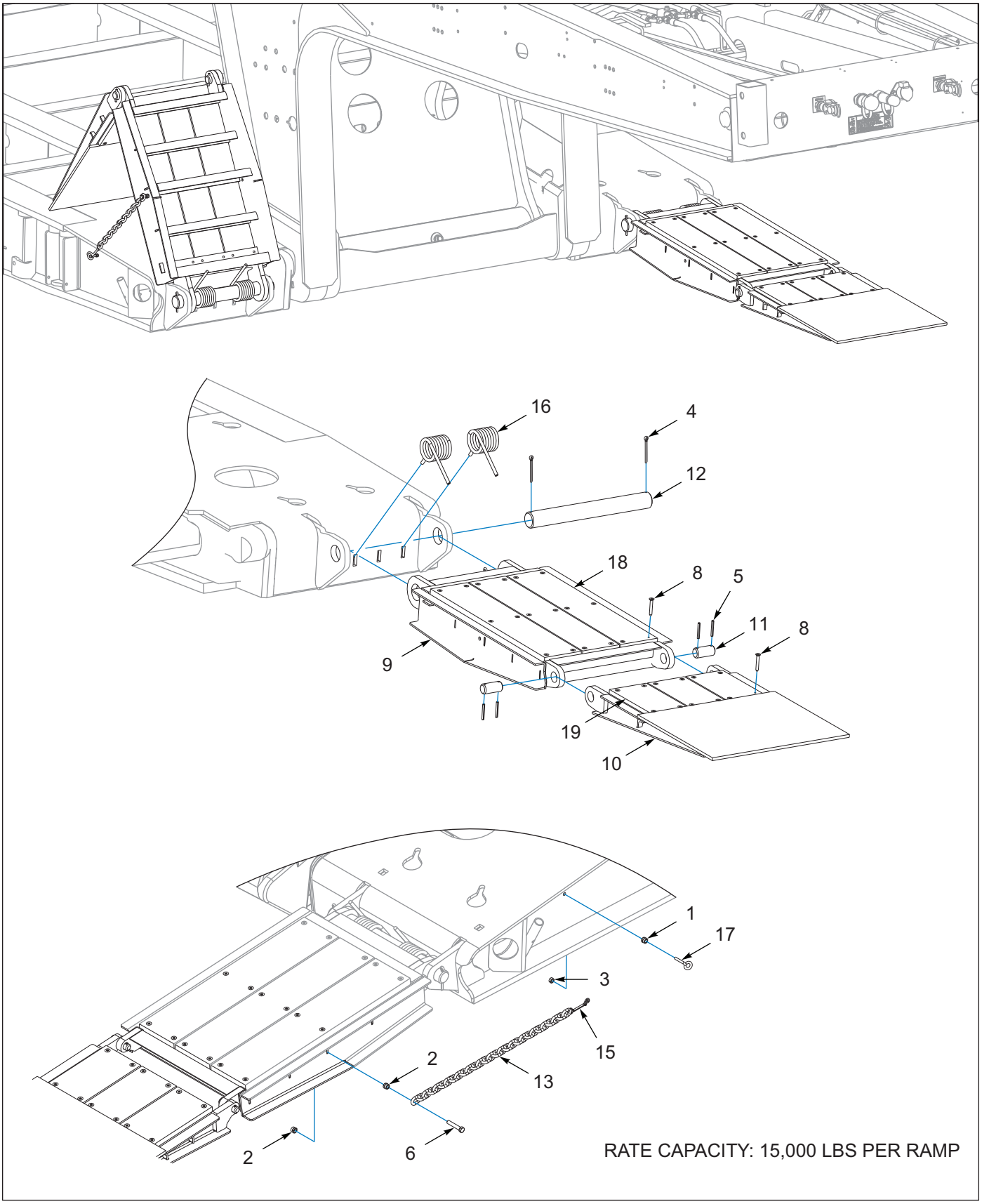


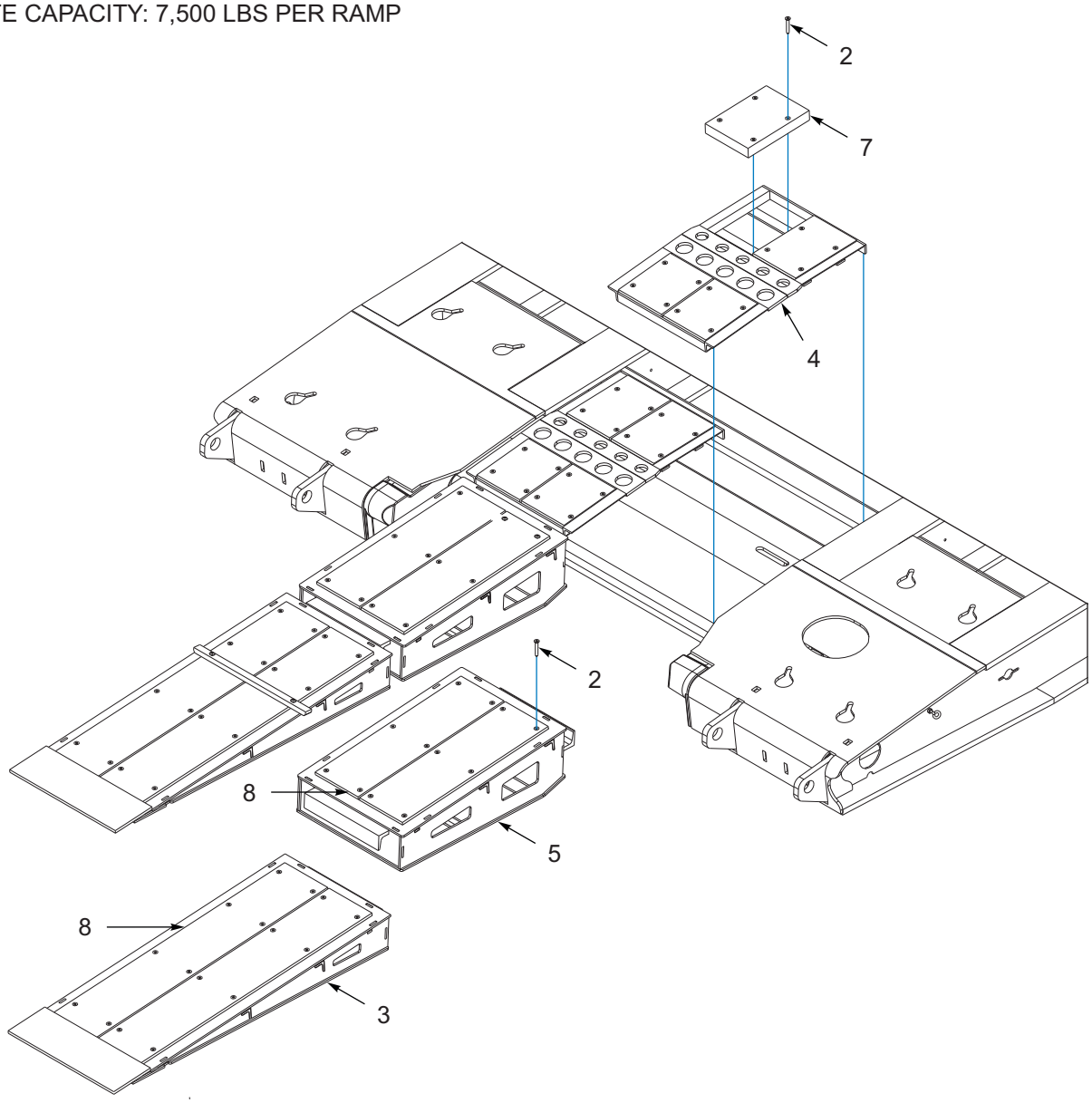
Figure 7-3: Front, Pin On, Bi-Fold, Track Section (Option) (1 of 2)

Front, Pin On, Bi-Fold, Track Section (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	179324	RAMP INSTL FRT BI-FOLD 855PAV **(SET INCLUDES ITEMS 1-19)**	1
1	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
3	1-512-010007-06	NUT, HEX 5/16-18 GR2 ZP	2
4	1-557-010362-65	PIN COTTER, 1/4X2-1/2 ZP	4
5	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED **(111789)**	8
6	1-654-010051-09	SCREW,HEX CAP,3/8-16UNCX2 GR5	2
7	145499	PRESERVATIVE WOODGUARD **(NOT SHOWN) (BY THE GALLON)**	- -
8	158732	SCREW,5/16X2-1/4ZP TORX FLOOR	60
9	184350	RAMP 855PAV WLDMT	2
10	184355	RAMP WLDMT END 855PAV	2
11	184381	PIN 1-1/4" DIA W/HOLES 2" CTRS	4
12	184382	PIN RAMP MOUNT 855PAV	2
13	187440	CHAIN, 3/16" LINK, 24" LONG	2
14	194465	IPE WOOD END GRAIN SEALER **(NOT SHOWN) (BY THE GALLON)**	- -
15	3-707-010001	SNAP, DOUBLE END	2
16	3-720-010084	SPRING,TORSION,TAG RAMP	4
17	5/16-18X1-1/2EB	EYE BOLT 5/16-18X1-1/2	2
18	RWD39000	APITONG, 1-3/8 X 7.08 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -
19	RWD39021	APITONG, 1 X 7.08, 2.65 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -

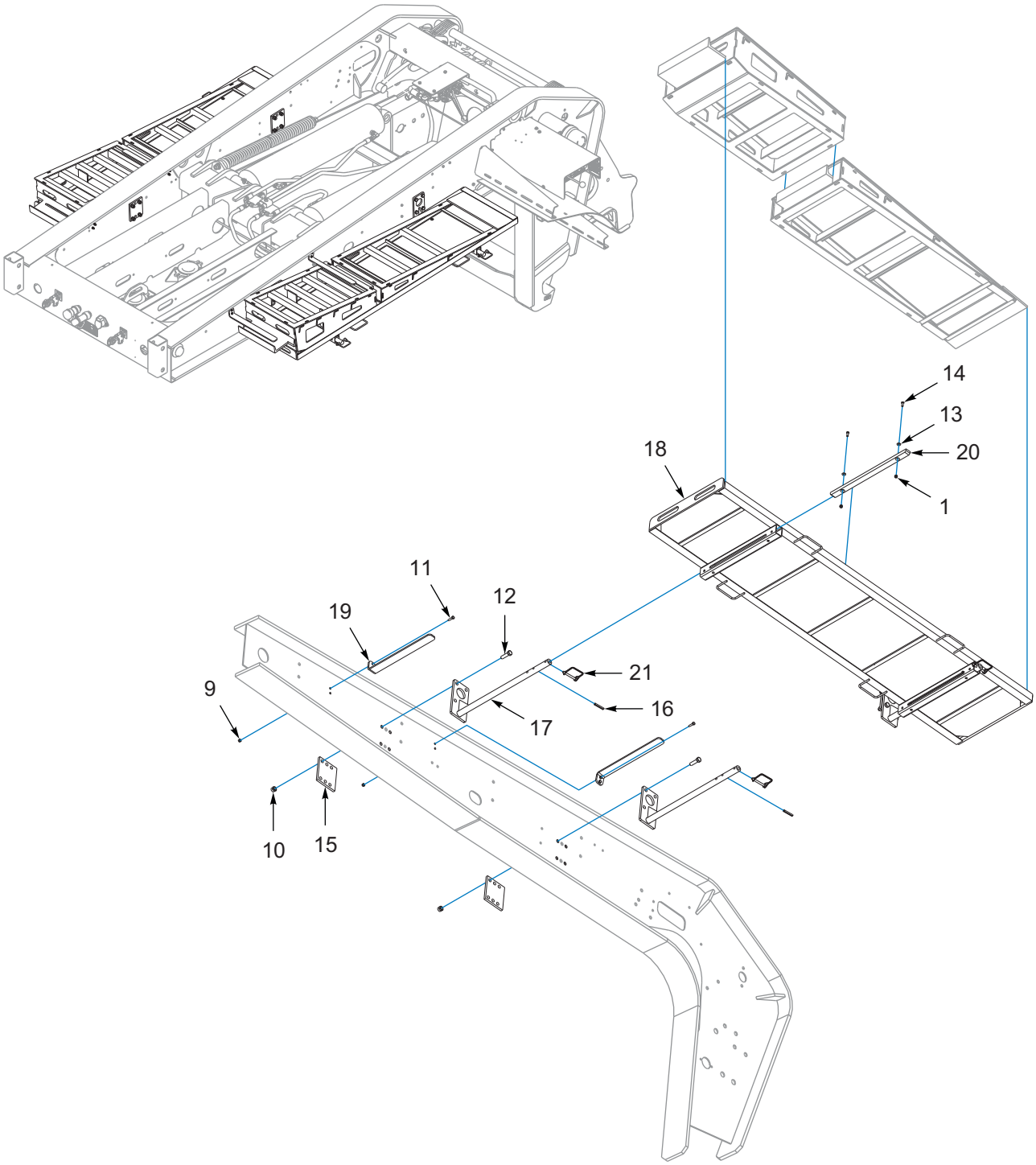
Front, Tri-Stack, Center Section & Storage (Options)

RATE CAPACITY: 7,500 LBS PER RAMP



NOTE: PART QUANTITIES ARE FOR ONE RAMP SET.

Figure 7-4: Front, Tri-Stack, Center Section & Storage (Options) (1 of 2)



NOTE: PART QUANTITIES ARE FOR ONE RAMP SET.

Figure 7-5: Front, Tri-Stack, Center Section & Storage (Options) (2 of 2)

Front, Tri-Stack, Center Section & Storage (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	184383	RAMP 1 SET FRT CTR 855PAV **(INCLUDES ITEMS 1-21)**	- -
	184384	RAMP 2 SETS FRT CTR 855PAV **(INCLUDES ITEMS 1-21)**	- -
	199038	RAMP SET 2 PIECE 855 PAV **(INCLUDES ITEMS 2-3, 5, 8)**	- -
	221668	RAMP STORAGE BRACKETS 855 **(INCLUDES ITEMS 9-21)**	- -
1	145499	PRESERVATIVE WOODGUARD **(BY THE GALLON) (NOT SHOWN)**	- -
2	158732	SCREW,5/16X2-1/4ZP TORX FLOOR	44
3	182128	RAMP WLDMT,AL W/ WD,FRT 835PAV	1
4	184397	RAMP FILLR WLDMT, 855PAV	1
5	184402	RAMP WLDMT, AL REAR 855PAV	1
6	194465	IPE WOOD END GRAIN SEALER**(BY THE GALLON) (NOT SHOWN)**	- -
7	RWD39000	APITONG, 1-3/8 X 7.08 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	5
8	RWD39021	APITONG, 1 X 7.08, 2.65 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	12
9	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	8
10	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8
11	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	4
12	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	8
13	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD	4
14	106955	SCREW,BHSC 1/4-20UNCX3/4	4
15	111382	MOUNT, TIE DOWN BLACK	2
16	147072	PIN, SPRING SLOTTED 5/16 X 2	2
17	182153	RAMP STORAGE WLDMT,835PAV	2
18	182156	SLIDE TRAY WLDMT, RAMP STORAGE	1
19	182159	PLATE, LOCK, RAMP STORAGE	2
20	182167	SLIDE PAD 5/8X1-1/4X18-1/4 NYL	2
21	516-22PTL	RETAINING PIN MUD FLAP **(12412608, 12486627)**	2

Table provided for general use.

NOTES:

Front, Power Ramp (Option), Covers & Mounting Hardware

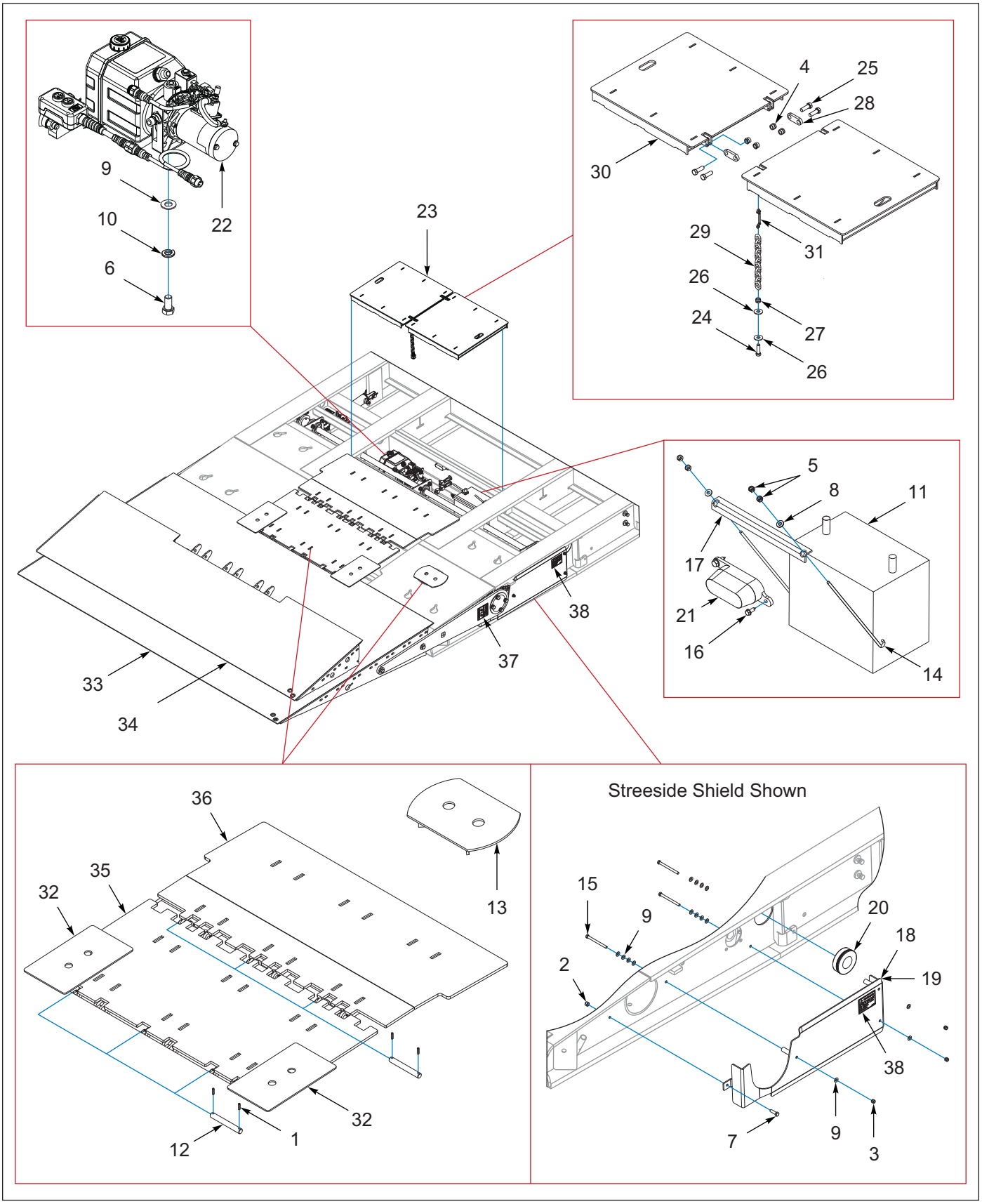


Figure 7-6: Front, Power Ramp (Option), Covers & Mounting Hardware

Front, Power Ramp (Option), Covers & Mounting Hardware

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210060	RAMP INSTL 855 P/C TRL CLR **(LONG RAMP)**	- -
	226416	SHRT RMP INSTL PWR 855 CON/PAV **(SHORT RAMP)**	- -
1	0600-250-01000	1/4X1 ROLL PIN ZP	12
2	1-512-010003-14	NUT 3/8-16UNC ESNA **(1 PER SHIELD)**	2
3	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16 **(3 PER SHIELD)**	6
4	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB **(INCLUDED WITH ITEM 23)**	4
5	1-512-010007-06	NUT, HEX 5/16-18 GR2 ZP	4
6	1-654-010051-03	SCREW,HEX CAP,3/8-16UNCX3/4G5	2
7	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4 **(1 PER SHIELD)**	2
8	1-861-010032-08	WASHER,FLAT 5/16 N ZP	2
9	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD **(15 PER SHIELD)**	32
10	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	2
11	108196	BATTERY,12VOLT, DEEP CYCLE **(ELECTRICAL - SEE PAGE 11-49)**	1
12	139826	PIN,RAMP FLIPPER	6
13	140927	FILLER WLDMT APPROACH 825	1
14	1709AS669-01	J-BOLT, 5/16-18X12 BAT-HLD-DN	2
15	173044	SCREW, ALL THREAD,3/8-16X4-1/2 **(3 PER SHIELD)**	6
16	1/4-20X3/4 SELF	SCREW HEX HEAD THREAD CUT	2
17	206906	BATTERY CLAMP BRKT 835	1
18	206917	DRIVE SHIELD WLDMT LH **(STREETSIDE)**	1
19	206919	DRIVE SHIELD WLDMT RH **(CURBSIDE)**	1
20	208081	PLUG, PLASTIC PANEL 4-1/2	1
21	208414	FUSE HOLDER 835 RAMP **(ELECTRICAL - SEE PAGE 11-49)**	1
22	210059	POWER UNIT 12VDC3QT .0305CU/IN **(ELECTRICAL - SEE PAGE 11-49)** **(HYDRAULIC - SEE PAGE 12-29)**	1
23	210084	LID ASSY CTR STORAGE **(INCLUDES ITEMS 4, 24-31)**	1
24	1-654-010053-05	SCREW HXCP 7/16-14UNCX1-1/2G5 **(INCLUDED WITH ITEM 23)**	1
25	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2 **(INCLUDED WITH ITEM 23)**	4
26	1-861-010032-13	WASHER FLAT 7/16 **(INCLUDED WITH ITEM 23)**	2
27	101988	NUT,HEXSLF-LKG 7/16-14 GRB **(INCLUDED WITH ITEM 23)**	1
28	191535	LINK DOUBLE HINGE **(INCLUDED WITH ITEM 23)**	2
29	2-174-010029	CHAIN LIMIT ROW CROP **(INCLUDED WITH ITEM 23)**	1
30	210085	LID WLDMT CTR DECK COMPARTMENT **(INCLUDED WITH ITEM 23)**	2
31	3-707-010001	SNAP, DOUBLE END **(INCLUDED WITH ITEM 23)**	1
32	213275	FILLER WLDMT RAMP BRIDGE	2
33	232151	TRL COLOR OF 210061 RAMP 855 **(LONG RAMP)**	1
33	232152	GALV OF 210061 RAMP WLD FW 855 **(LONG RAMP GALV)**	1
34	238505	TRL COLOR OF 226410 RAMP WLDMT **(SHORT RAMP)**	1
34	238506	GALV OF 226410 RAMP WLDMT **(SHORT RAMP)**	1
35	232155	TRL CLR OF 213265 RAMP CTR WLD	1
35	232156	GALV OF 213265 RAMP CTR WLDMT	1
36	232157	TRL CLR OF 213269 RAMP RR WLDT	1
36	232158	GALV OF 213269 RAMP RR WLDMT	1
37	2-573-010335	DECAL, DANGER PINCHING **(DECALS - SEE PAGE 1-15)** **(ADDED 12/16/2021)**	2
38	238202	DECAL WARNING POWER LOSS **(DECALS - SEE PAGE 1-15)** **(ADDED 12/16/2021)**	2

Front, Power Ramp (Option), Drive System

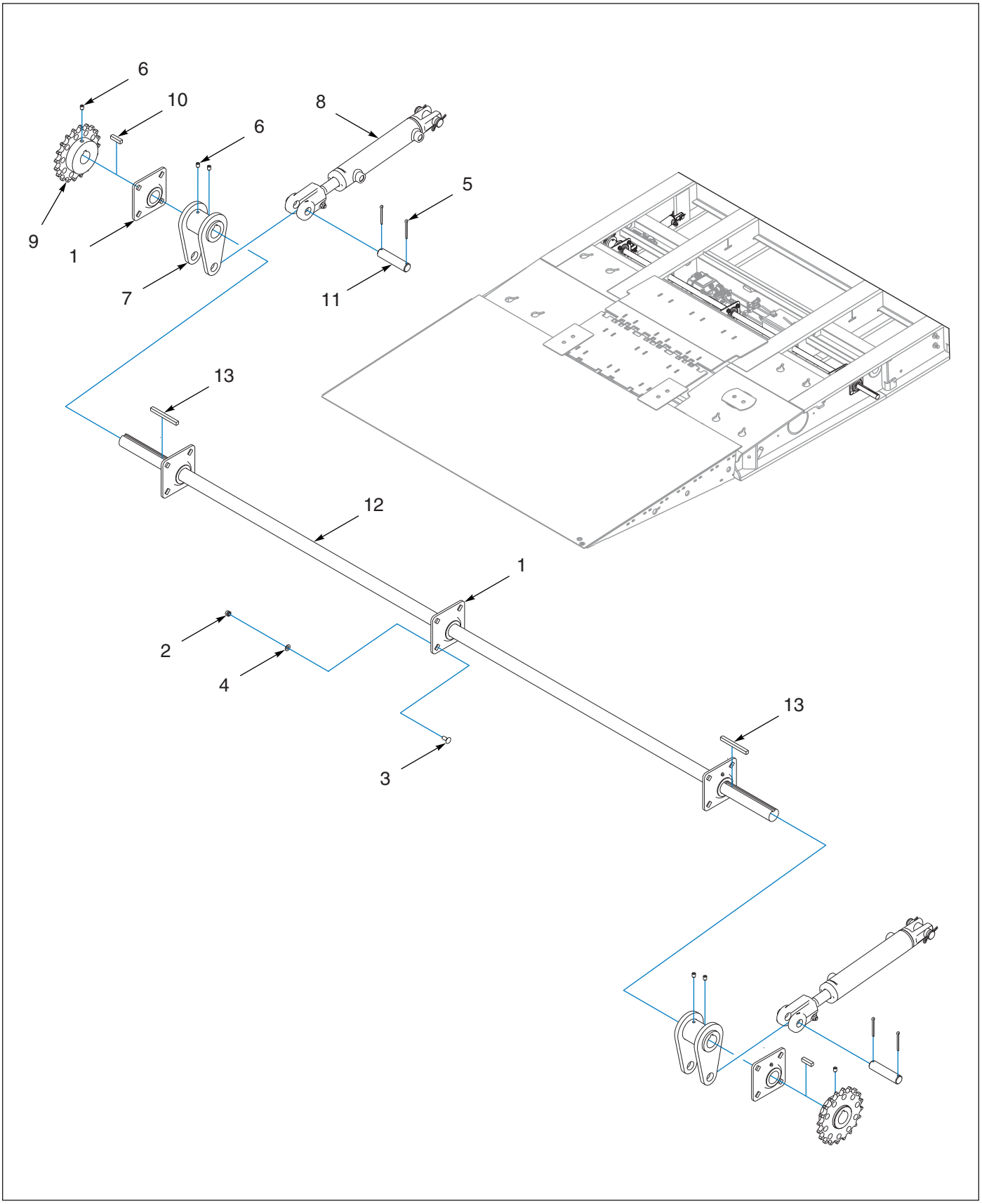


Figure 7-7: Front, Power Ramp (Option), Drive System

Front, Power Ramp (Option), Drive System

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210060	RAMP INSTL PWR 855 CON/PAV **(LONG RAMP)**	- -
	226416	SHRT RMP INSTL PWR 855 CON/PAV **(SHORT RAMP)**	- -
1	1-065-010011	BEARING D 1-1/2ID	5
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	20
3	1-654-010070-02	SCREW 1/2-13X1-1/4 RD HD SQNK	20
4	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	20
5	110-4224	PIN,COTTER-3/16 X 2IN LG	4
6	122709	SCREW,SET,HXSKTCPPT 3/8-16X1/2	6
7	206900	COLLAR WLDMT POWER SHAFT	2
8	206904	CYLINDER, 2 X 8 **(CYLINDER COMPONENTS - SEE PAGE 12-40)**	2
9	206907	SPROCKET, 20T W/HUB WLDMT	2
10	206910	KEY 3/8 SQ X 1-1/2	2
11	206911	PIN,CYL ANCHOR 1" X 4-1/4"	2
12	213274	SHAFT CROSS RAMP DRIVE	1
13	221103	ROD, SQUARE, 3/8X4	2

Front, Power Ramp (Option), Lift System

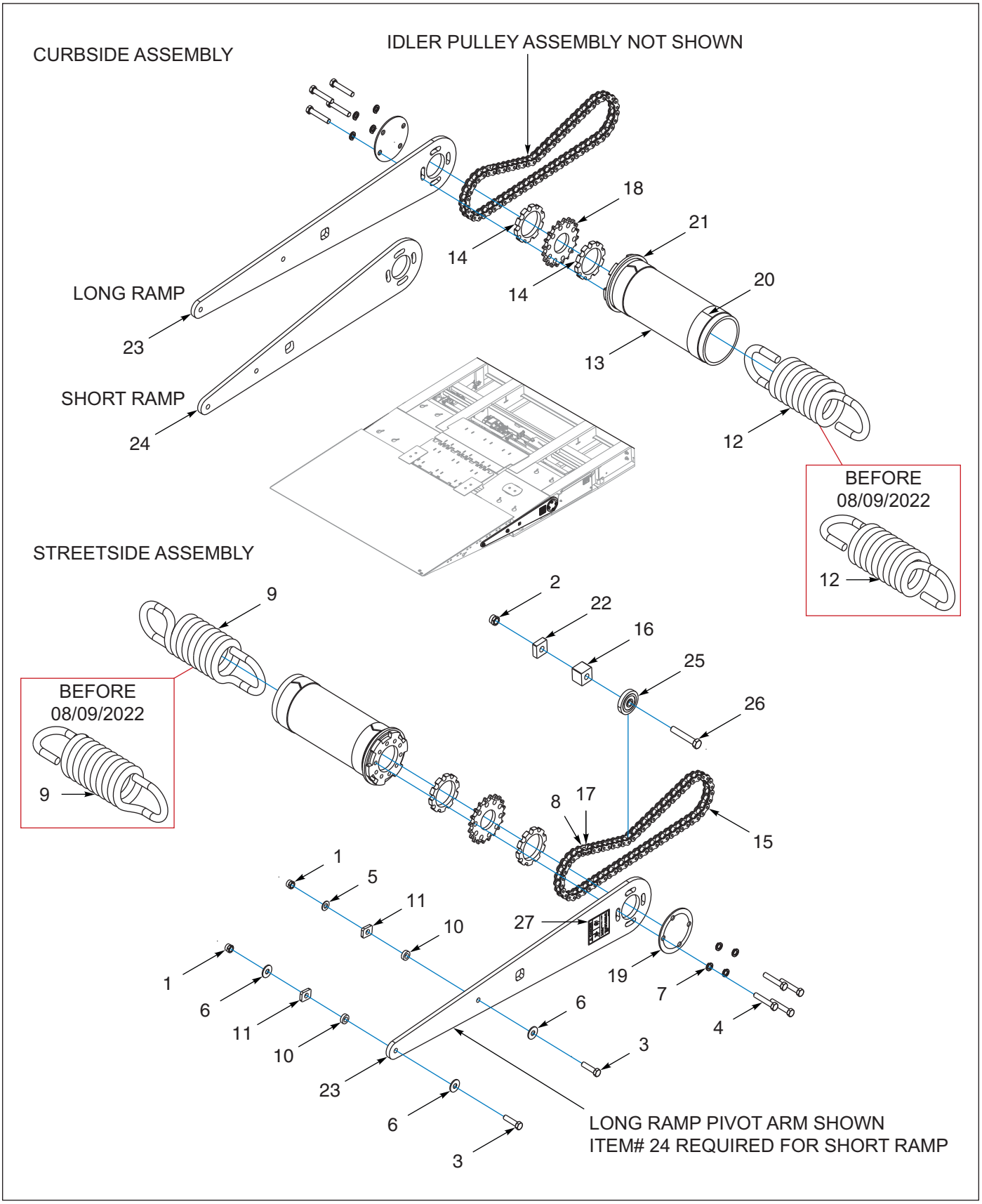
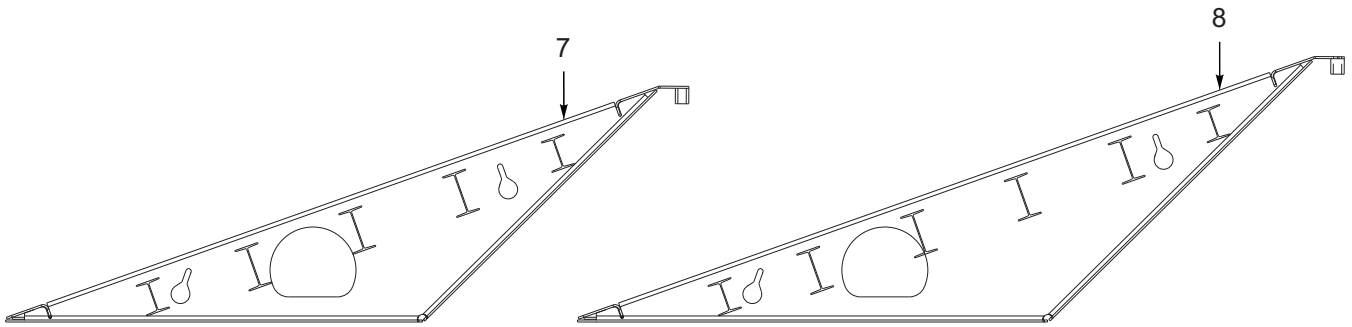


Figure 7-8: Front, Power Ramp (Option), Lift System

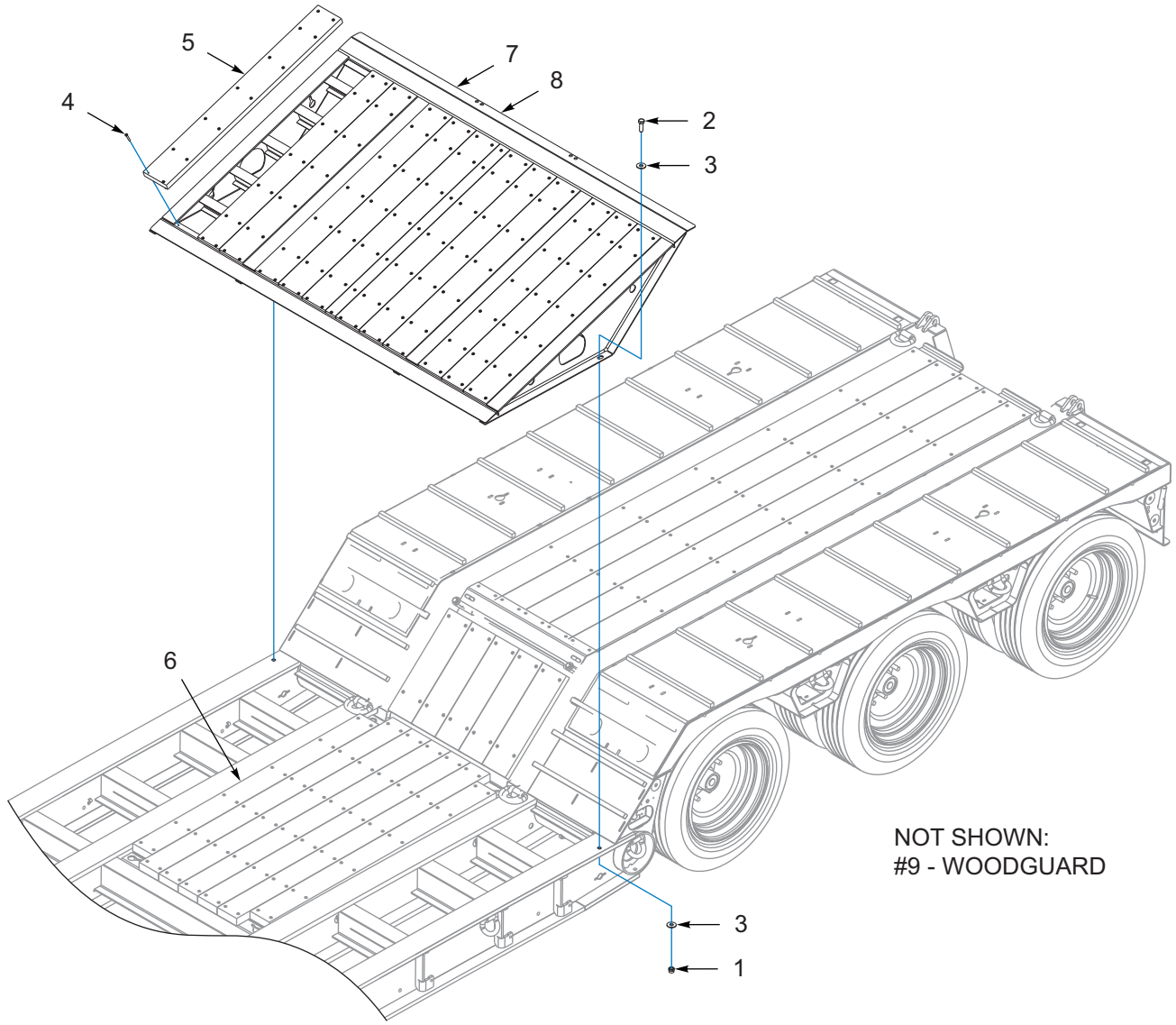
Front, Power Ramp (Option), Lift System

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210060	RAMP INSTL 855 P/C TRL CLR **(LONG RAMP)**	- -
	226416	SHRT RMP INSTL PWR 855 CON/PAV **(SHORT RAMP)**	- -
1	1-512-010002-14	NUT,HEX,SLF-LKG 5/8-18 GRC	4
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2
3	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	4
4	1-654-010059-11	SCREW,HX CP 5/8-11UNCX3.5GR5	8
5	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	6
6	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	6
7	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	8
8	135188	CHAIN MASTER LINK #80H	2
9	139619	SPRING, TORSION, 835 RAMP LH **(AFTER 08/09/2022, HOOK ENDS @ 180 DEGREES) (LONG RAMP STREETSIDE ONLY)**	1
10	139630	BUSHING RAMP ARM	4
11	139631	WASHER,RAMP ARM	4
12	139830	SPRING, TORSION, 835 RAMP RH **(AFTER 08/09/2022, HOOK ENDS @ 180 DEGREES) (LONG RAMP CURBSIDE ONLY)**	1
13	204355	ANCHOR WLDMT 800 RMP ARM PIVOT	2
14	204358	SPACER RAMP PIVOT ANCHOR	4
15	204363	CHAIN ASSY #80	2
16	206912	IDLER BUSHING SUPPORT	2
17	206913	HALF LINK, #80H CHAIN	4
18	208082	SPROCKET #80 20T RAMP DRIVE	2
19	208883	COVER, RAMP PIVOT ARM	2
20	209914	BEARING UHMW 2 IN	4
21	210034	SHIM 3/8 X 8 OD X 7-1/4 ID	2
22	210459	IDLER BUSHING WASHER	2
23	232153	TRL COLOR OF 213264, PIVOT ARM **(LONG RAMP)**	2
23	232154	GALV OF 213264, PIVOT ARM **(LONG RAMP GALV)**	2
24	238503	TRL COLOR OF 226415 PIVOT ARM **(SHORT RAMP)**	2
24	238504	GALV OF 226415 PIVOT ARM **(SHORT RAMP GALV)**	2
25	3P257	IDLER, #80 CHAIN SMOOTH	2
26	W908406-4	SCREW 3/4-10X4-1/2 HEX HD CAP	2
27	2-573-010335	DECAL, DANGER PINCHING **(DECALS - SEE PAGE 1-15) (ADDED 12/16/2021)**	2

Trunnion, Full Width (Option)



STREETSIDE VIEW OF RAMP SIDE



SHOWN WITH BOLT ON WHEEL COVERS, TRUNNION CENTER DECK AND BUCKET TROUGH FILLER

Figure 7-9: Trunnion, Full Width (Option)

Trunnion, Full Width (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210071	RAMP ASSY PAV TRUN SLOPE **(21-15/16" HIGH)** **(INCLUDES ITEMS 1-7, 9)**	- -
	232596	RAMP ASSY TRUN SLOPE (275) **(24-23/32" HIGH)** **(INCLUDES ITEMS 1-6, 8-9)**	- -
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2
2	1-654-010061-06	SCREW,HXCP,3/4-10UNCX2-1/4GR5	2
3	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
4	158732	SCREW,5/16X2-1/4ZP TORX FLOOR **(21-15/16" HIGH REQ, 175 EACH)** **(24-23/32" HIGH REQ, 200 EACH)**	- -
5	RWD39000	APITONG, 1-3/8 X 7.08 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -
6	210078	FILLER ASSY BUCKET TROUGH **(FRAME COMPONENTS - SEE PAGE 3-7)**	1
7	210072	RAMP WLDMT PAV TRUN SLOPE **(21-15/16" HIGH)**	1
8	232597	RAMP WLDMT TRUN SLOPE (275) **(24-23/32" HIGH)**	1
9	145499	PRESERVATIVE WOODGUARD **(NOT SHOWN) (BY THE GALLON)**	.5

Trunnion, Ladder, 5.5 FT, Aluminum (Option)

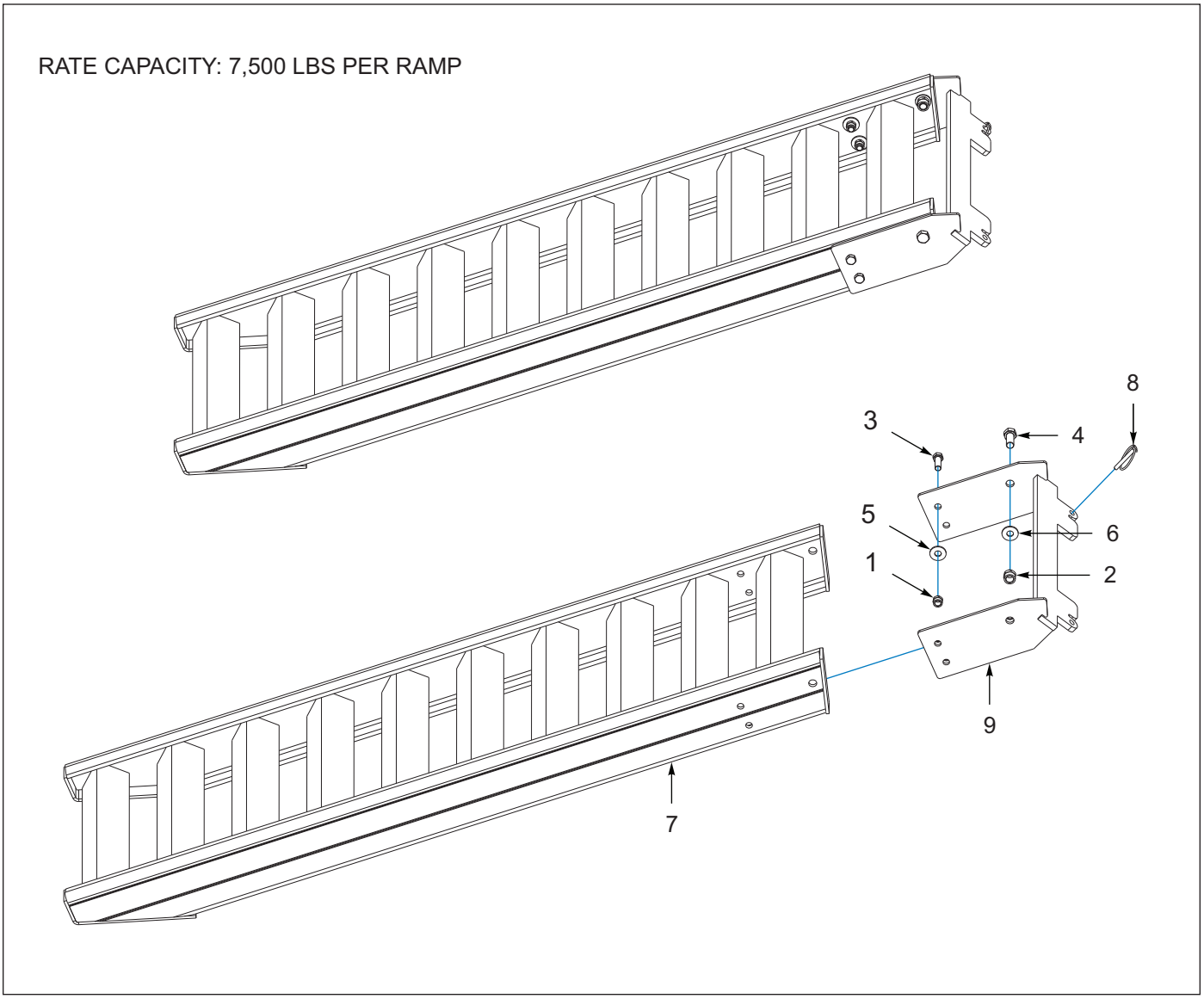


Figure 7-10: Trunnion, Ladder, 5.5 FT, Aluminum (Option)

Trunnion, Ladder, 5.5 FT, Aluminum (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	235660	RAMP ASSY,70" ALUM LADDER 800 **(SET INCLUDES ITEMS 1-9)**	1
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
3	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	8
4	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5	4
5	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
6	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	4
7	110526	RAMP WLDMT 5.5FT ALUM	2
8	172946	PIN LYNCH 5/16 X 2.00	2
9	235661	ANCHOR WLDMT 800 RAMP	2

Trunnion, Track Section (Option)

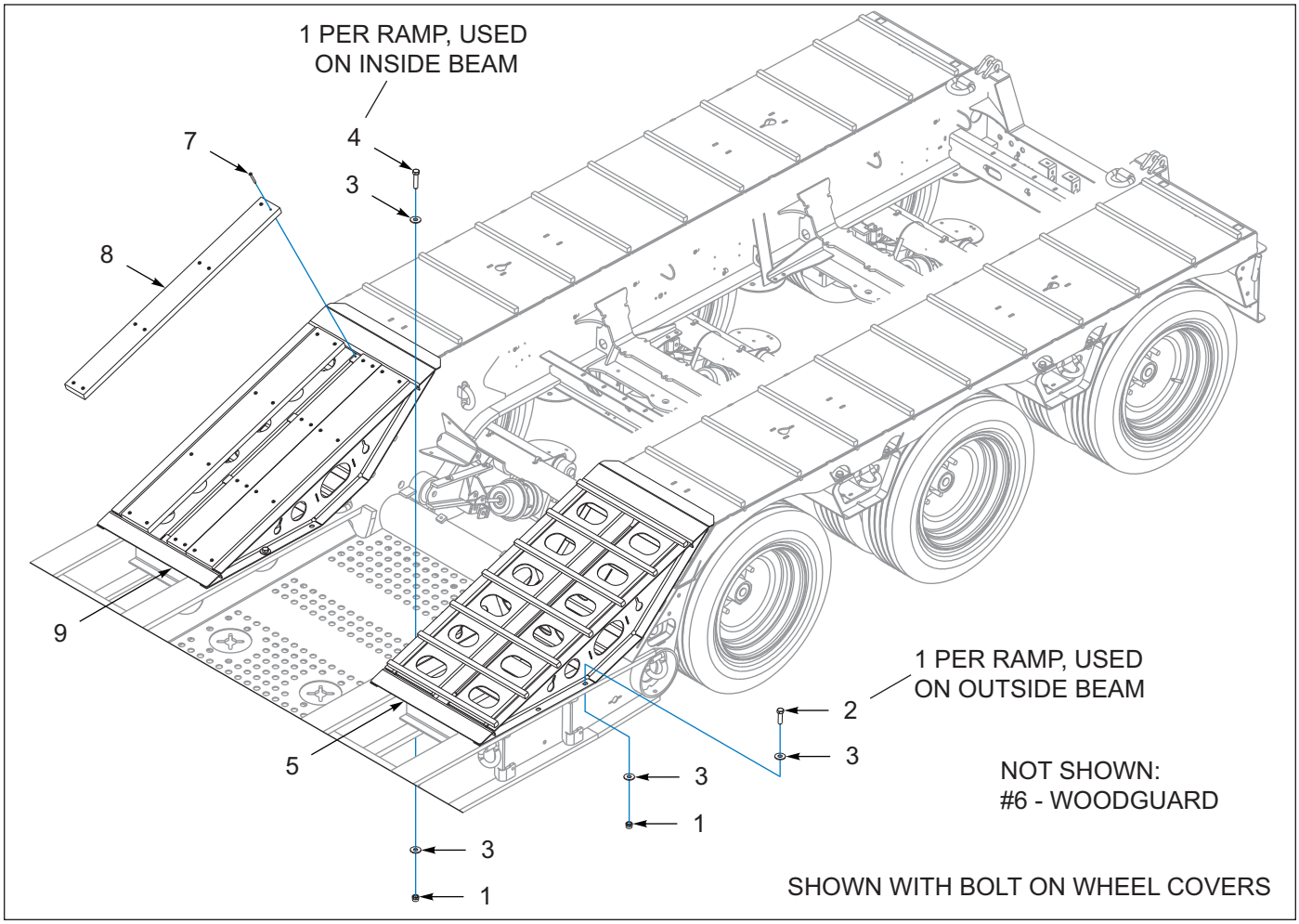


Figure 7-11: Trunnion, Track Section (Option)

Trunnion, Track Section (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228671	RAMP TRK/AREA TRUN ST TRAC-BAR **(STEEL)** **(INCLUDES ITEMS 1-5)**	- -
	228672	RAMP TRACK AREA TRUN APRCH WD **(WOOD)** **(INCLUDES ITEMS 1-4, 6-9)**	- -
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10 **(PER RAMP 2 EACH)**	4
2	1-654-010061-07	SCREW,HX CP 3/4-10UNCX2-1/2G5 **(PER RAMP 1 EACH, USED ON OUTSIDE BEAM)**	2
3	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD **(PER RAMP 4 EACH)**	8
4	231922	SCREW, HEX CAP, 3/4-10x2-3/4 **(PER RAMP 1 EACH, USED ON INSIDE BEAM)**	2
5	228673	RAMP WLDMT TRUN APRCH TRAC-BAR	2
6	145499	PRESERVATIVE WOODGUARD **(NOT SHOWN) (BY THE GALLON)**	.5
7	158732	SCREW,5/16X2-1/4ZP TORX FLOOR	64
8	RWD39000	APITONG, 1-3/8 X 7.08 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -
9	238032	TRL CLR RMP WLDMT WD TRCK 855F **(PAINTED)**	2
9	238033	GALV RMP WLDMT WD TRCK 855F **(GALV)**	2

Beavertail Ramps, Hydraulic Lift (Options)

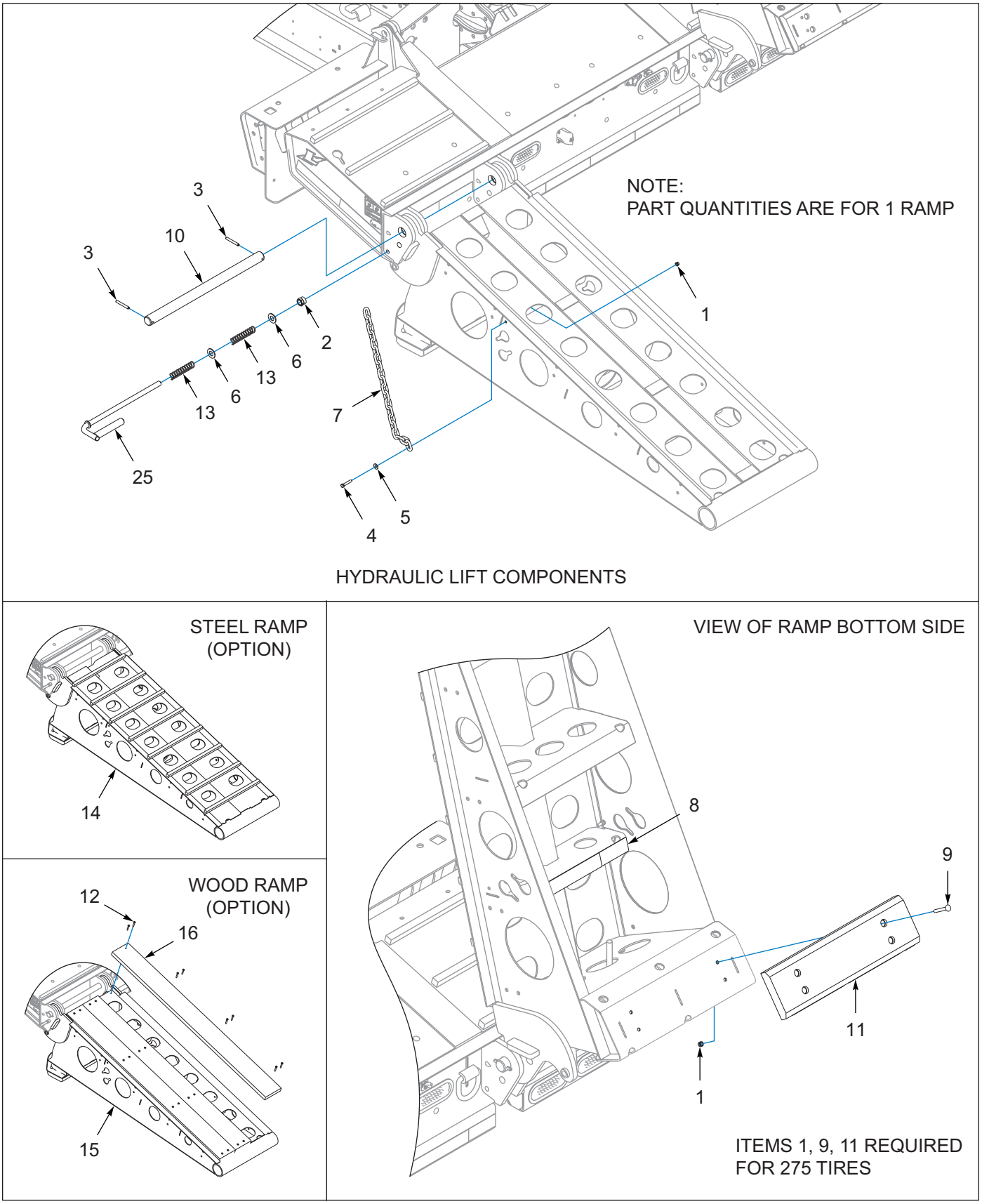


Figure 7-12: Beavertail Ramps, Hydraulic Lift (Options) (1 of 2)

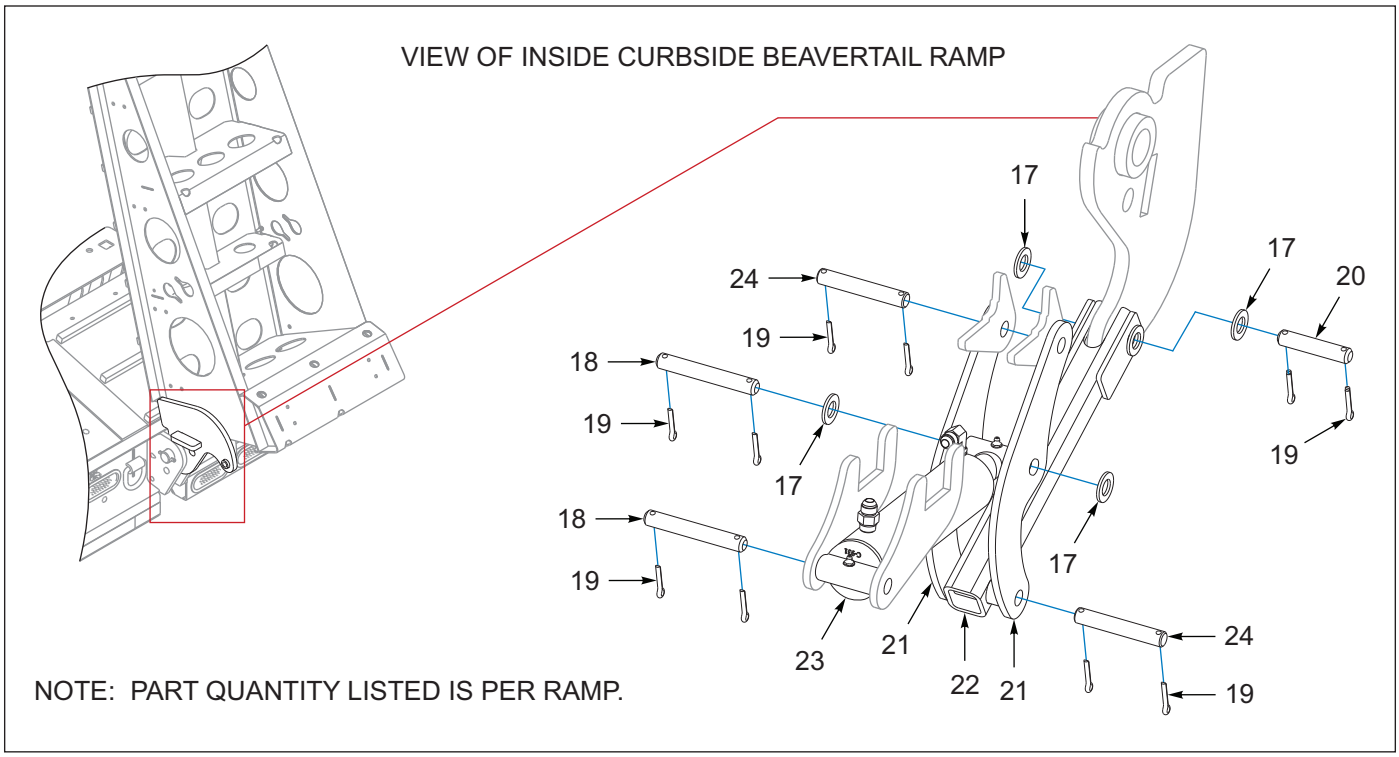


Figure 7-13: Beavertail Ramps, Hydraulic Lift (Options) (2 of 2)

Beavertail Ramps, Hydraulic Lift (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228622	RAMP INSTL HYD STEEL 255 **(255 TIRES STEEL RAMPS)**	- -
	228655	RAMP INSTL HYD WOOD 255 **(255 TIRES WOOD RAMPS)**	- -
	228656	RAMP INSTL HYD STEEL 275 **(275 TIRES STEEL RAMPS)**	- -
	228657	RAMP INSTL HYD WOOD 275 **(275 TIRES WOOD RAMPS)**	- -
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16 **(255 TIRES REQ 1 EACH) (275 TIRES REQ 5 EACH)**	- -
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	1
3	1-647-010004259	SPRING PIN, SLOTTED 3/8X3	2
4	1-654-010051-09	SCREW,HEX CAP,3/8-16UNCX2 GR5	1
5	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	1
6	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	2
7	3-174-010018028	CHAIN 3/8 HI TEST 28	1
8	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)**	21
9	123403	SCREW, RD HD SQNK,3/8-16X3GR5 **(275 TIRES ONLY)**	4
10	151861	PIN HINGE RAMP MACK 35T	1
11	155720	BLOCK WOOD RAMP MACK TRL **(275 TIRES ONLY)**	1
12	158732	SCREW,5/16X2-1/4ZP TORX FLOOR **(WOOD ONLY)**	24
13	163567	SPRING,COMP 0.845 OD X 4" LG	2
14	233126	RAMP WLDMT MACK HYD TRL CLR **(STEEL PAINTED)**	1
14	233127	GALV OF 228653 (RMP STEEL HYD) **(STEEL GALV)**	1
15	233128	RAMP WLDMT MACK WD HYD TRL CLR **(WOOD PAINTED)**	1
15	233129	GALV OF 228654 (RMP WOOD HYD) **(WOOD GALV)**	1
16	RWD39000	APITONG, 1-3/8 X 7.08 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -
17	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	4

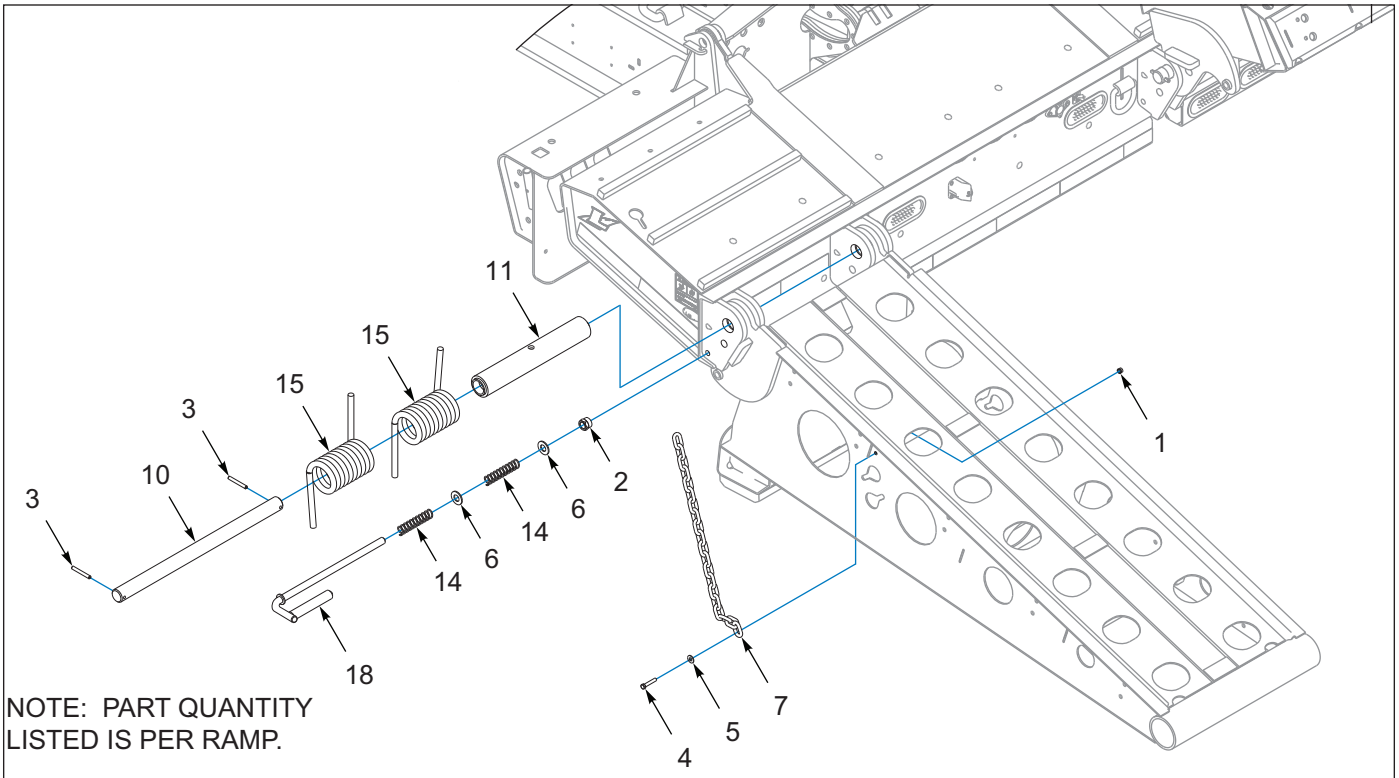
Beavertail Ramps, Hydraulic Lift (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
18	3-557-010052	PIN FT EXT LOW	2
19	119084	PIN,COTTER 1/4X1-1/4 ZP	10
20	129828	PIN HITCH 3/4 HDCL	1
21	228646	LINK EXTENSION B/T RAMP	2
22	228647	LINK EXTENSION WLDMT B/T RAMP	1
23	228705	CYLINDER, 2-1/2 X 8 X 3/4 SAE8 **(PRINCE)** **(CYLINDER COMPONENTS - SEE PAGE 12-40)**	1
24	228707	PIN, 3/4" X4-5/8" W/HOLES	2
25	233196	WLDMT, PIN LOCK PIN-ON B/T	1

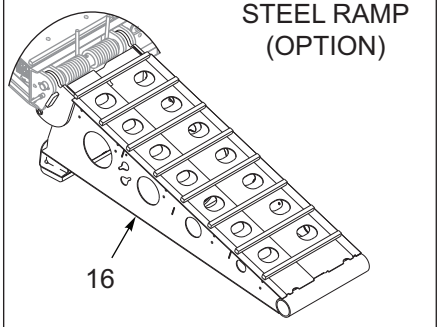
Table provided for general use.

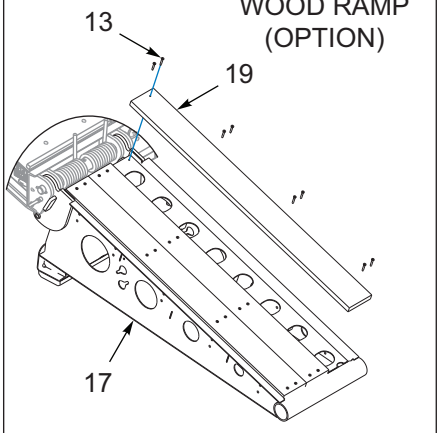
NOTES:

Beavertail Ramps, Manual Lift (Options)



MANUAL LIFT SPRING ASSIST COMPONENTS





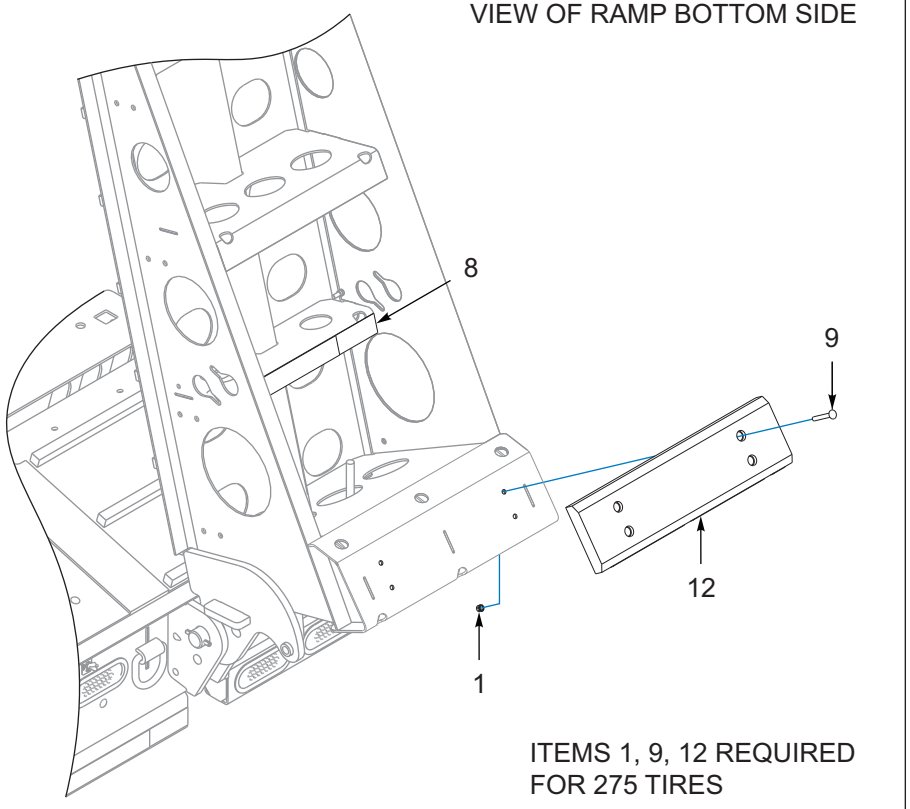


Figure 7-14: Beavertail Ramps, Manual Lift (Options)

Beavertail Ramps, Manual Lift (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228664	RAMP INSTL MANUAL STEEL 255 **(255 TIRES STEEL RAMPS)**	- -
	228665	RAMP INSTL MANUAL WOOD 255 **(255 TIRES WOOD RAMPS)**	- -
	228666	RAMP INSTL MANUAL STEEL 275 **(275 TIRES STEEL RAMPS)**	- -
	228667	RAMP INSTL MANUAL WOOD 275 **(275 TIRES WOOD RAMPS)**	- -
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16 **(255 TIRES REQ 1 EACH) (275 TIRES REQ 5 EACH)**	- -
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	1
3	1-647-010004259	SPRING PIN, SLOTTED 3/8X3	2
4	1-654-010051-09	SCREW,HEX CAP,3/8-16UNCX2 GR5	1
5	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	1
6	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	2
7	3-174-010018028	CHAIN 3/8 HI TEST 28	1
8	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)**	21
9	123403	SCREW, RD HD SQNK,3/8-16X3GR5 **(275 TIRES ONLY)**	4
10	151861	PIN HINGE RAMP MACK 35T	1
11	151882	TUBE WLDMT SPRING SUPT MACK35T	1
12	155720	BLOCK WOOD RAMP MACK TRL **(275 TIRES ONLY)**	1
13	158732	SCREW,5/16X2-1/4ZP TORX FLOOR **(WOOD ONLY)**	24
14	163567	SPRING,COMP 0.845 OD X 4" LG	2
15	199173	SPRING TORSION RAMP MYERS	2
16	233126	RAMP WLDMT MACK HYD TRL CLR **(STEEL PAINTED)**	1
16	233127	GALV OF 228653 (RMP STEEL HYD) **(STEEL GALV)**	1
17	233128	RAMP WLDMT MACK WD HYD TRL CLR **(WOOD PAINTED)**	1
17	233129	GALV OF 228654 (RMP WOOD HYD) **(WOOD GALV)**	1
18	233196	WLDMT, PIN LOCK PIN-ON B/T	1
19	RWD39000	APITONG, 1-3/8 X 7.08 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -

Retrieval System (Options)

Anchor Installation, Rear Bumper, Trailer & Flip Axle

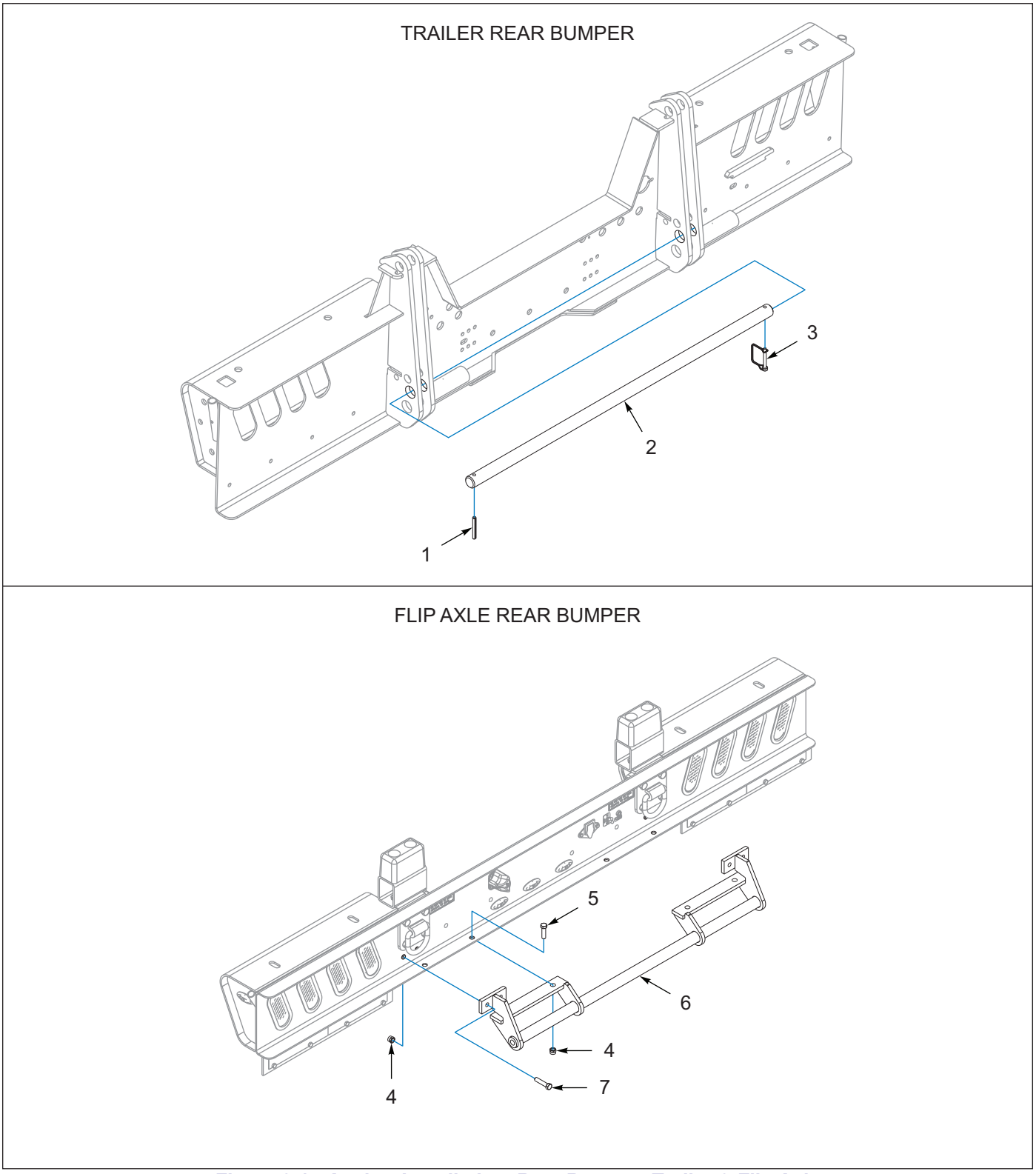


Figure 8-1: Anchor Installation, Rear Bumper, Trailer & Flip Axle

Anchor Installation, Rear Bumper, Trailer & Flip Axle

ITEM	PART NUMBER	DESCRIPTION	QTY.
	245567	WINCH INSTL 20K BRADEN 2S 855E	- -
	212154	WINCH INSTL 20K WARN 855E	- -
	205329	WINCH INSTL 30K WARN 855E	- -
	180605	ANCHOR INSTL FOR WINCH,FLIP AX **(INCLUDES ITEMS 4-7)**	1
1	1-647-010004259	SPRING PIN, SLOTTED 3/8X3	1
2	130536	PIN HOOK ANCHOR 835AG WINCH	1
3	516-22PTL	RETAINING PIN MUD FLAP	1
4	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB **(FLIP AXLE)**	8
5	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4 **(FLIP AXLE)**	4
6	161811	ANCHOR WLDMT FLIP G/N WINCH **(FLIP AXLE)**	1
7	169690	SCREW HXCP1/2-13UNCX2-1/4 G5 **(FLIP AXLE)**	4

Gooseneck, Winch Installation, Braden 20/30K, 2 Speed

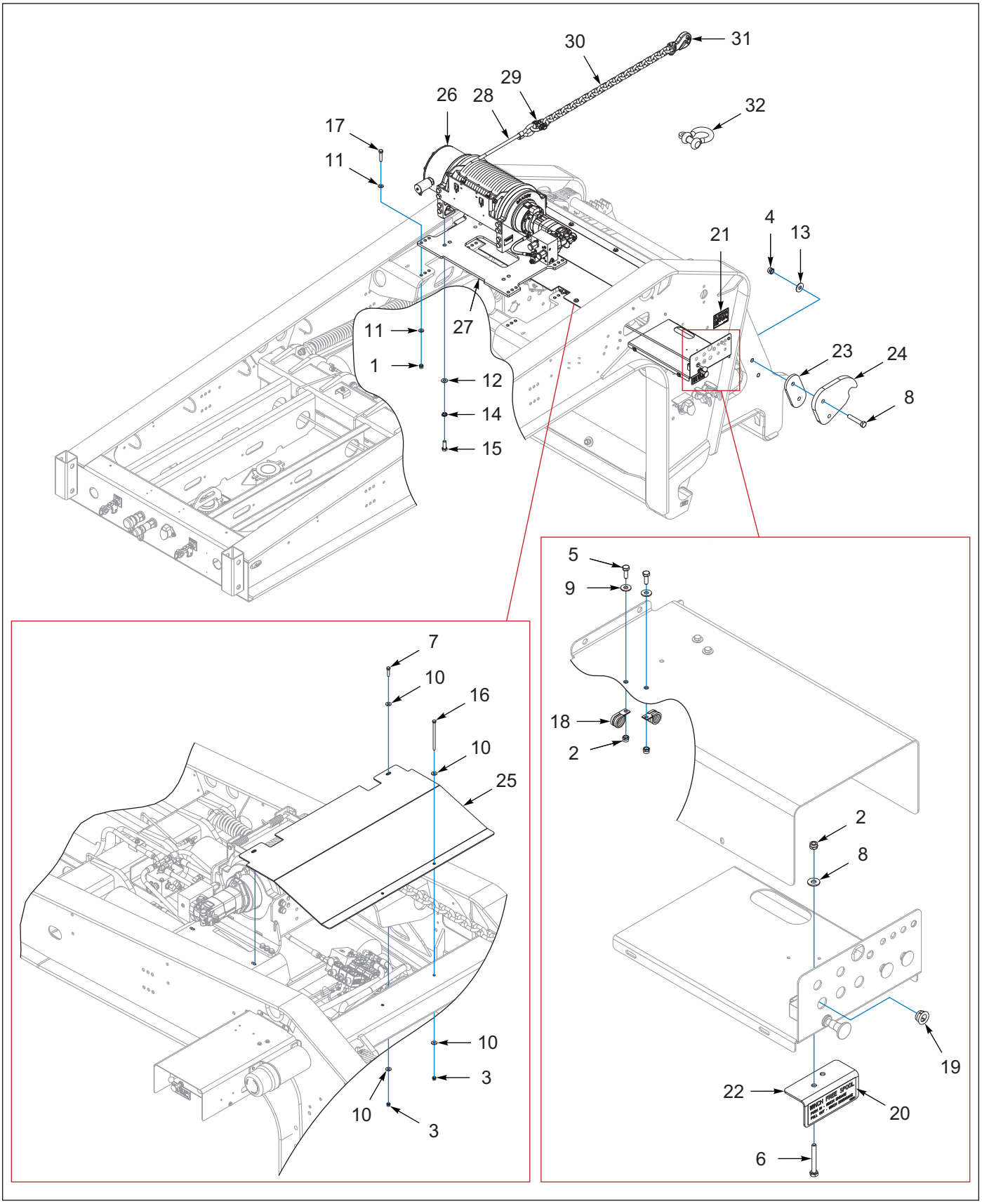


Figure 8-2: Gooseneck, Winch Installation, Braden 20/30K, 2 Speed

Gooseneck, Winch Installation, Braden 20/30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	245567	WINCH INSTL 20K BRADEN 2S 855E **(20K)**	- -
	- - - - -	WINCH INSTL 30K BRADEN 2SPD **(30K)**	- -
1	1-512-010002-09	NUT,HEX SLFLKG,1/2-13,GR C,ZP	12
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	4
3	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
4	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
5	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
6	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
7	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	2
8	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	4
9	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
10	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	8
11	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	24
12	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	8
13	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
14	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	8
15	109740	SCREW HEX CAP 5/8-11X1-3/4 GR8	8
16	110-6958	CAPSCREW,HEX HD 3/8-16X6LG.CP	2
17	172888	SCREW HX CP 1/2-13X2-1/4 GR8ZP	12
18	125894	CLAMP, CABLE 5/8 SST	2
19	178444	BUSHING NYLON INSERT 9/16ID	1
20	135184	DECAL, WINCH FREE SPOOL	1
21	3-573-010299	DECAL, WARNING WINCH CABLE	1
22	180529	BRACKET VALVE WINCH FREE SPOOL	1
23	204100	PLATE, SPACER, WINCH HOOK 800	2
24	204671	PLATE, WINCH HOOK 855	2
25	205331	COVER, G/N WINCH 855E	1
26	239740	WINCH 20K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-16) (SYSTEM, AIR - SEE PAGE 10-13) (ANCHORS - SEE PAGE 8-1) (SYSTEM, ELECTRICAL - SEE PAGE 11-11) (SYSTEM, HYDRAULIC - SEE PAGE 12-11) (WINCH COMPONENTS - SEE PAGE 8-11)**	1
26	239745	WINCH 30K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-16) (SYSTEM, AIR - SEE PAGE 10-13) (ANCHORS - SEE PAGE 8-1) (SYSTEM, ELECTRICAL - SEE PAGE 11-11) (SYSTEM, HYDRAULIC - SEE PAGE 12-11) ((WINCH COMPONENTS - SEE PAGE 8-17)**	1
27	240572	PLT WINCH MNT BRADEN 20K 2SP **(20K)**	1
27	240571	PLATE WINCH MNT BRADEN 30K 2SP **(30K)**	1
28	3-155-010018-6	CABLE 5/8 W/LOOP 85FT **(20K)**	1
28	132833	CABLE ASSY 5/8X85FLEX-X9 **(30K)**	1
29	3-174-010038	CHAIN LINK CONNECTING 1/2 **(20K)**	1
29	3-174-010059	CHAIN LINK CONNECTING 5/8 **(30K)**	1
30	3-174-010039036	CHAIN 1/2X36" GRD 7 21LINKS **(20K)**	1
30	3-174-010060036	CHAIN 5/8X36IN GRADE 80 **(30K)**	1
31	7HCGHT500	HOOK CLEVIS GRAB 1/2 GR70 **(20K)**	1
31	1-382-010035-06	HOOK,CLEVIS GRAB 5/8 GRD80 **(30K)**	1
32	137024	SHACKLE 1IN SCREW PIN ANCHOR **(30K, SOLD SEPARATELY)**	1

Gooseneck, Winch Installation, Ramsey 20K, 2 Speed

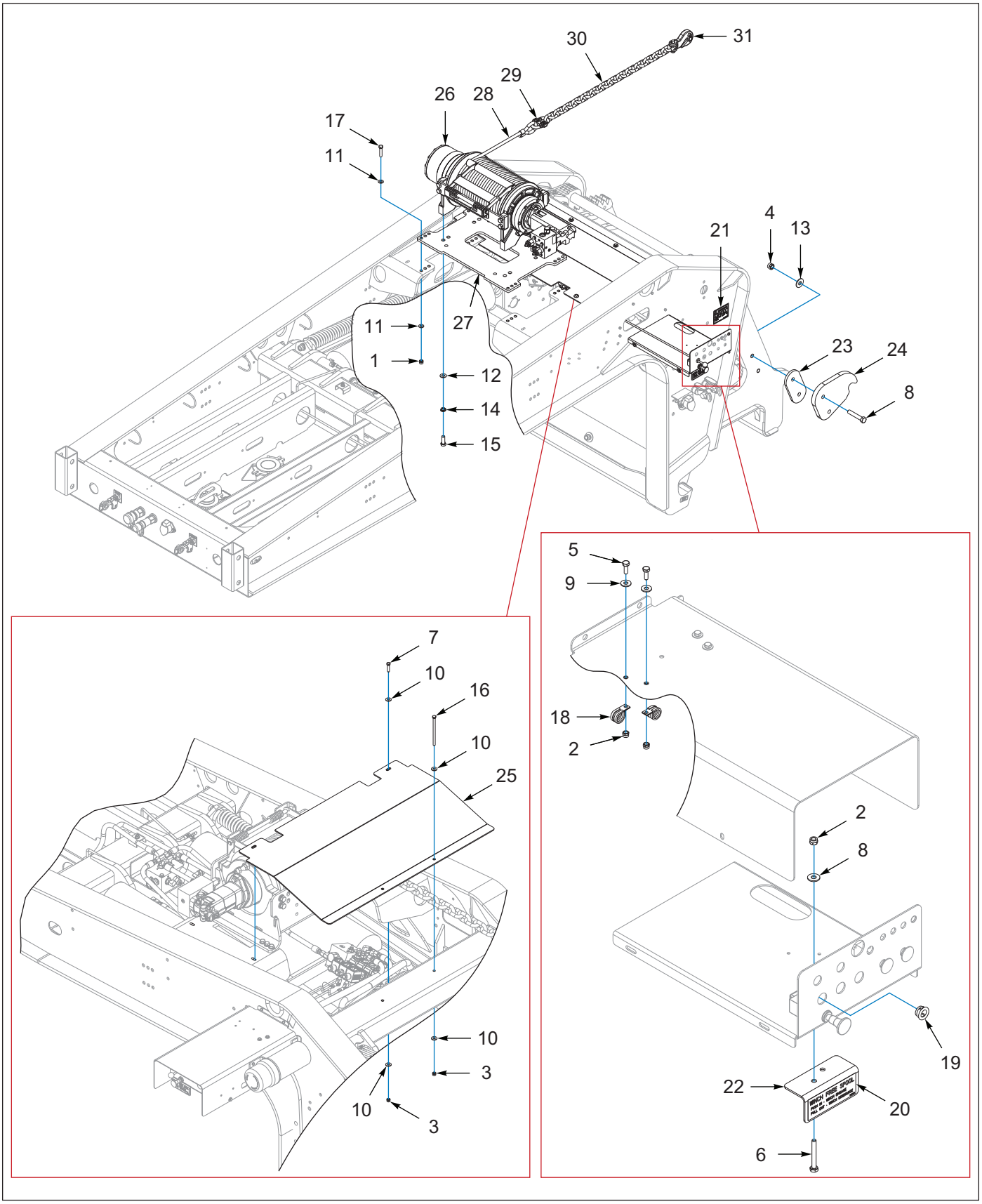


Figure 8-3: Gooseneck, Winch Installation, Ramsey 20K, 2 Speed

Gooseneck, Winch Installation, Ramsey 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	242730	WINCH INSTL 20K RAMSEY 855E	- -
1	1-512-010002-09	NUT,HEX SLFLKG,1/2-13,GR C,ZP	12
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	4
3	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
4	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
5	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
6	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
7	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	2
8	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	4
9	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
10	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	8
11	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	24
12	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	8
13	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
14	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	8
15	109740	SCREW HEX CAP 5/8-11X1-3/4 GR8	8
16	110-6958	CAPSCREW,HEX HD 3/8-16X6LG.CP	2
17	172888	SCREW HX CP 1/2-13X2-1/4 GR8ZP	12
18	125894	CLAMP, CABLE 5/8 SST	2
19	178444	BUSHING NYLON INSERT 9/16ID	1
20	135184	DECAL, WINCH FREE SPOOL	1
21	3-573-010299	DECAL, WARNING WINCH CABLE	1
22	180529	BRACKET VALVE WINCH FREE SPOOL	1
23	204100	PLATE, SPACER, WINCH HOOK 800	2
24	204671	PLATE, WINCH HOOK 855	2
25	242727	COVER G/N WINCH 855E RAMSEY	1
26	240526	WINCH 20K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-16) (SYSTEM, AIR - SEE PAGE 10-15) (ANCHORS - SEE PAGE 8-1) (SYSTEM, ELECTRICAL - SEE PAGE 11-13) (SYSTEM, HYDRAULIC - SEE PAGE 12-13) (WINCH COMPONENTS - SEE PAGE 8-21)**	1
27	240545	PLATE WINCH MOUNT RAMSEY	1
28	3-155-010018-6	CABLE 5/8 W/LOOP 85FT	1
29	3-174-010038	CHAIN LINK CONNECTING 1/2	1
30	3-174-010039036	CHAIN 1/2X36" GRD 7 21LINKS	1
31	7HCGHT500	HOOK CLEVIS GRAB 1/2 GR70	1

Gooseneck, Winch Installation, Warn 20/30K, 2 Speed

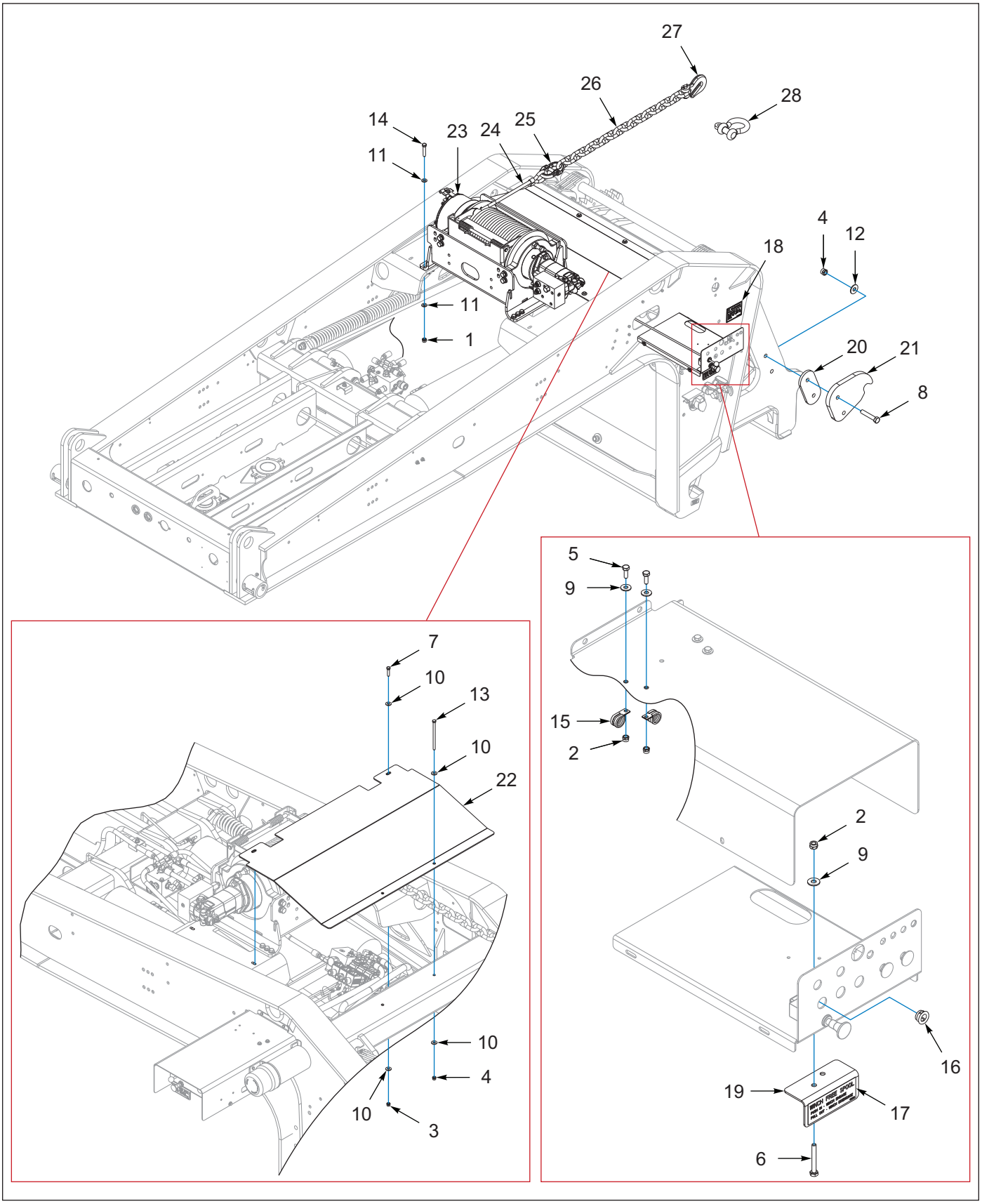


Figure 8-4: Gooseneck, Winch Installation, Warn 20/30K 2 Speed

Gooseneck, Winch Installation, Warn 20/30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	212154	WINCH INSTL 20K WARN 855E **(20K)**	- -
	205329	WINCH INSTL 30K WARN 855E **(30K)**	- -
1	1-512-010002-09	NUT,HEX SLFLKG,1/2-13,GR C,ZP	12
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	4
3	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
4	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
5	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
6	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
7	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	2
8	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	4
9	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
10	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	8
11	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	24
12	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
13	110-6958	CAPSCREW,HEX HD 3/8-16X6LG.CP	2
14	B1821BH050C250N	SCREW HX CP 1/2-13X2.50 GR8ZP **(BEFORE 12/13/2021)**	12
14	172888	SCREW HX CP 1/2-13X2-1/4 GR8ZP **(AFTER 12/13/2021)**	12
15	125894	CLAMP, CABLE 5/8 SST	2
16	178444	BUSHING NYLON INSERT 9/16ID	1
17	135184	DECAL, WINCH FREE SPOOL	1
18	3-573-010299	DECAL, WARNING WINCH CABLE	1
19	180529	BRACKET VALVE WINCH FREE SPOOL	1
20	204100	PLATE, SPACER, WINCH HOOK 800	2
21	204671	PLATE, WINCH HOOK 855	2
22	205331	COVER, G/N WINCH 855E	1
23	204959	WINCH ASSY WARN 20K 800 **(DECALS - SEE PAGE 1-16) (SYSTEM, AIR - SEE PAGE 10-17) (ANCHORS - SEE PAGE 8-1) (SYSTEM, ELECTRICAL - SEE PAGE 11-15) (SYSTEM, HYDRAULIC - SEE PAGE 12-15) (COMPONENTS - SEE PAGE 8-27)**	1
23	204958	WINCH ASSY WARN 30K 800 **(DECALS - SEE PAGE 1-16) (SYSTEM, AIR - SEE PAGE 10-17) (ANCHORS - SEE PAGE 8-1) (SYSTEM, ELECTRICAL - SEE PAGE 11-15) (SYSTEM, HYDRAULIC - SEE PAGE 12-15) (COMPONENTS - SEE PAGE 8-29)**	1
24	3-155-010018-6	CABLE 5/8 W/LOOP 85FT **(20K)**	1
24	132833	CABLE ASSY 5/8X85FLEX-X9 **(30K)**	1
25	3-174-010038	CHAIN LINK CONNECTING 1/2 **(20K)**	1
25	3-174-010059	CHAIN LINK CONNECTING 5/8 **(30K)**	1
26	3-174-010039036	CHAIN 1/2X36" GRD 7 21LINKS **(20K)**	1
26	3-174-010060036	CHAIN 5/8X36IN GRADE 80 **(30K)**	1
27	7HCGHT500	HOOK CLEVIS GRAB 1/2 GR70 **(20K)**	1
27	1-382-010035-06	HOOK,CLEVIS GRAB 5/8 GRD80 **(30K)**	1
28	137024	SHACKLE 1IN SCREW PIN ANCHOR **(30K, SOLD SEPARATELY)**	1

Winch Assembly, Warn 20K/30K, 2 Speed

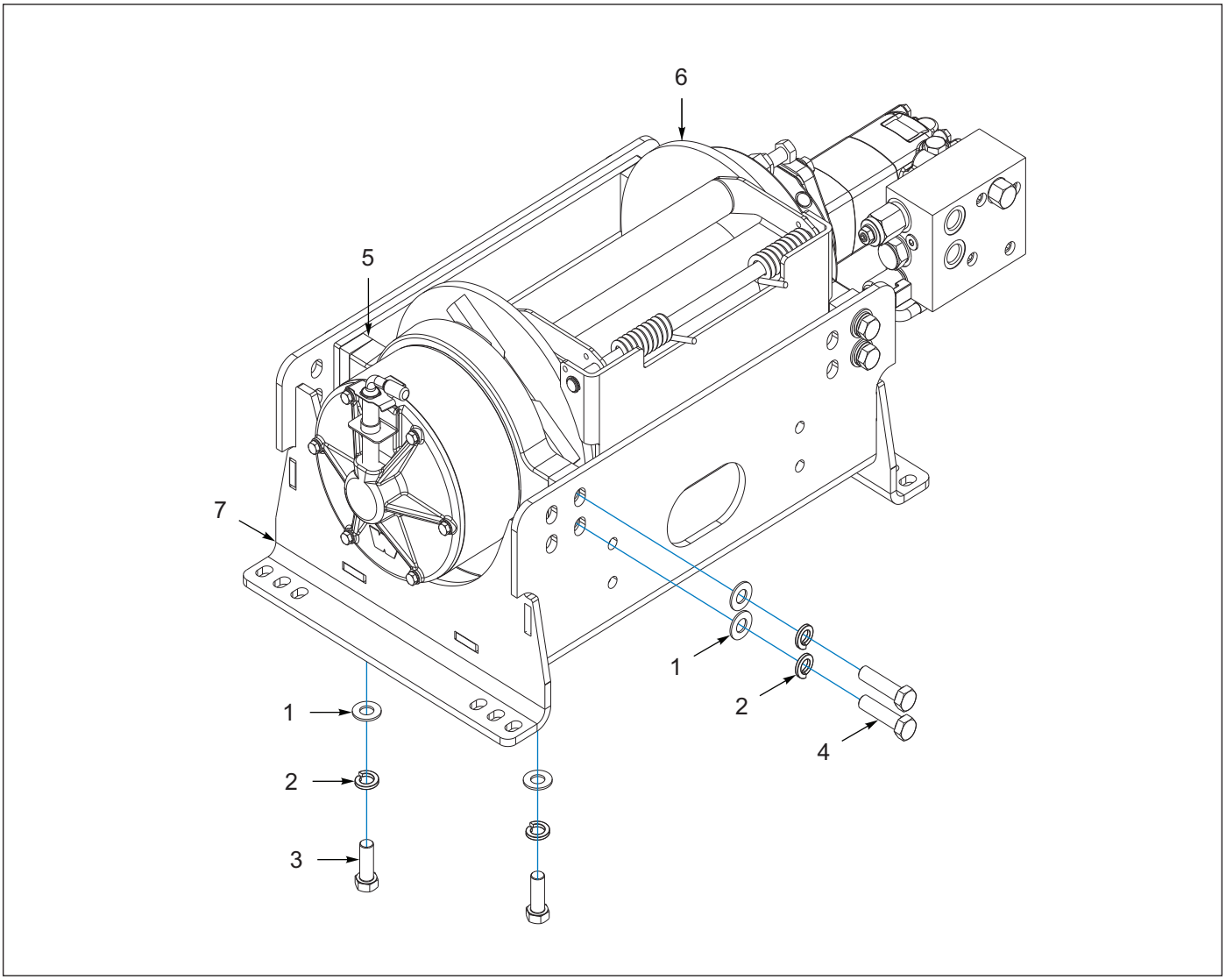


Figure 8-5: Winch Assembly, Warn 20K/30K, 2 Speed

Winch Assembly, Warn 20K/30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	204959	WINCH ASSY WARN 20K 800 **(INCLUDES ITEMS 1-7)**	1
	204958	WINCH ASSY WARN 30K 800 **(INCLUDES ITEMS 1-7)**	1
1	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	16
2	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	16
3	109740	SCREW HEX CAP 5/8-11X1-3/4 GR8 **(20K WINCH)**	8
3	172827	SCREW HX CP 5/8-11X1-1/2 GR8 **(30K WINCH)**	8
4	113299	SCREW,HHC 5/8-11UNCX2-1/2G8ZP	8
5	154234	SPACER WINCH 20K WARN **(20K WINCH)**	4
6	167521	WINCH 20K WARN 2 SPEED **(204959)** **(WINCH COMPONENTS - SEE PAGE 8-27)**	1
6	172877	WINCH 30K WARN 2 SPD AIR **(204958)** **(WINCH COMPONENTS - SEE PAGE 8-29)**	1
7	203288	MOUNT WLDMT WINCH WARN 30/20K	1

Table provided for general use.

NOTES:

Winch Components, Braden 20K, 2 Speed

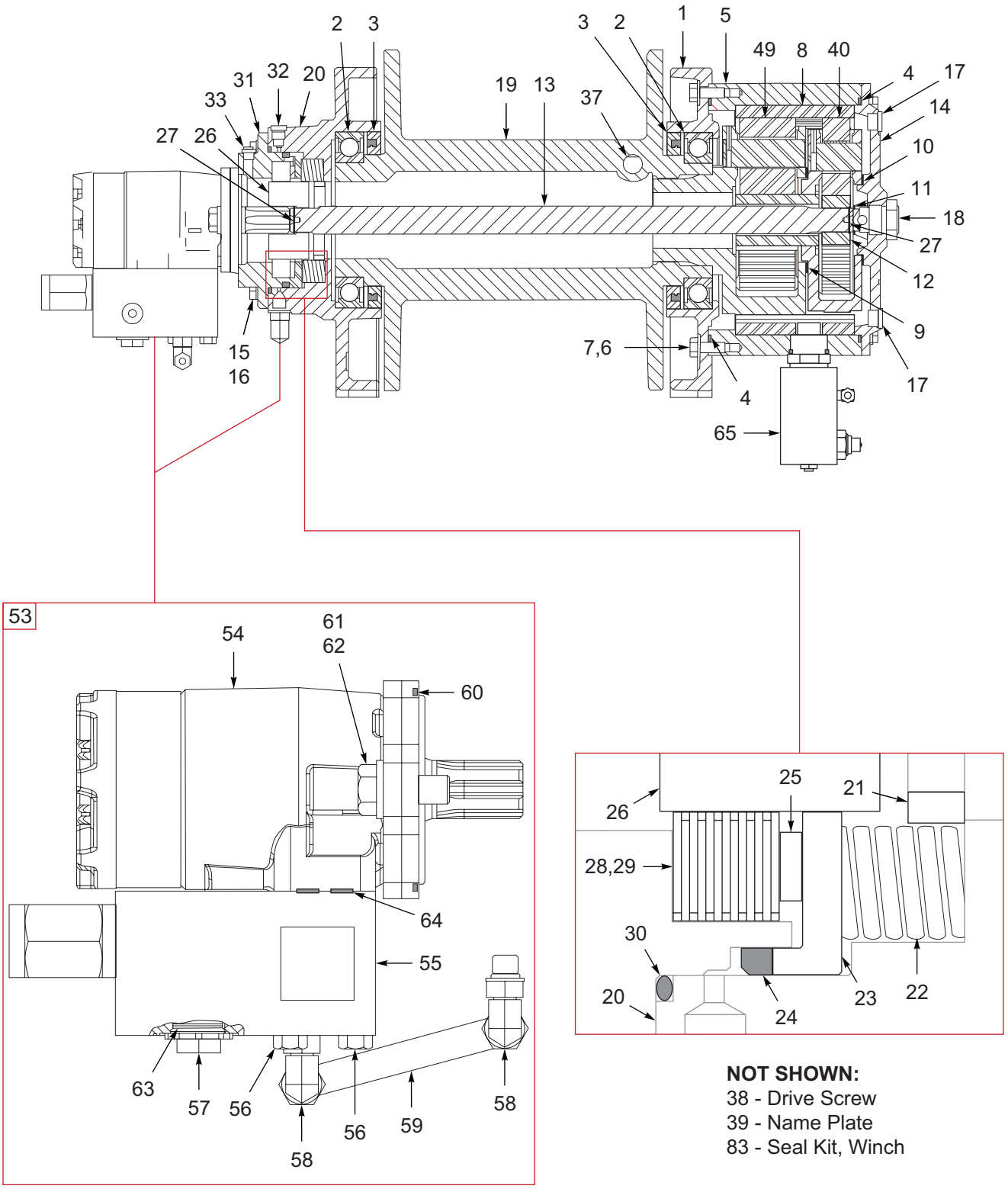


Image courtesy of the manufacturer.
Model modifications and replacement parts are subject to chage with or with out notice.

Figure 8-6: Winch Components, Braden 20K, 2 Speed (1 of 2)

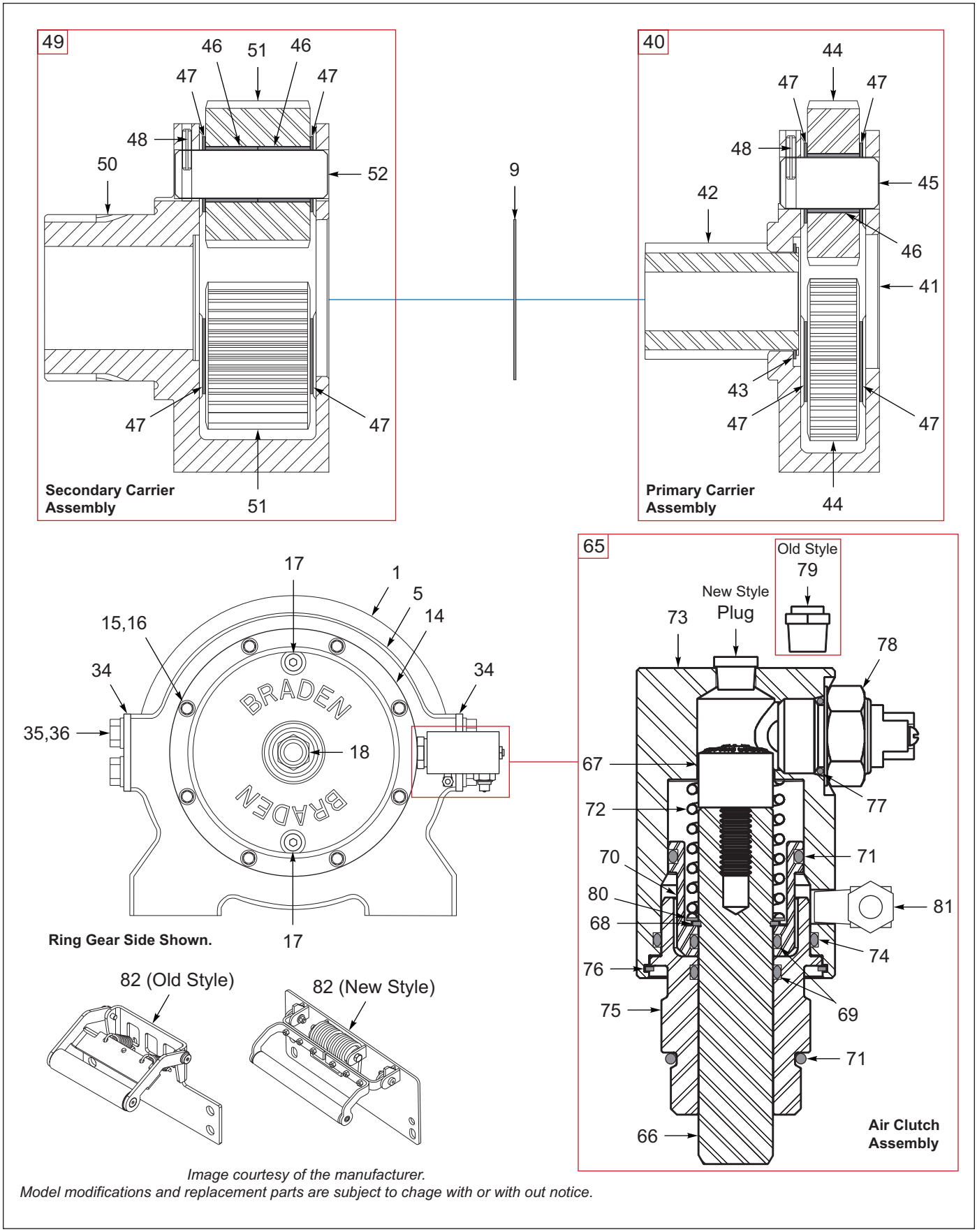


Image courtesy of the manufacturer.
Model modifications and replacement parts are subject to chage with or with out notice.

Figure 8-7: Winch Components, Braden 20K, 2 Speed (2 of 2)

Winch Components, Braden 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	239740	WINCH 20K BRADEN 2 SPEED	- -
1	247937	END PLATE 20K BRADEN	1
2	247938	BALL BEARING 20K BRADEN	2
3	247939	SEAL 4.72 X 6.30 X .47 **(INCLUDED WITH ITEM 83)**	2
4	247940	O-RING 20K BRADEN **(INCLUDED WITH ITEM 83)**	2
5	247941	RING GEAR HOUSING 20K BRADEN	1
6	247942	WASHER HARD 20K BRADEN	8
7	247943	CAPSCREW 20K BRADEN	8
8	247944	RING GEAR 20K BRADEN	1
9	247945	THRUST WASHER 3.00X3.75X.03	1
10	248264	THRUST WASHER 2.50X3.25X.03	1
11	248265	THRUST RACE BRADEN 20K	1
12	248266	SUN PRIMARY BRADEN 20K	1
13	248267	DRIVE SHAFT BRADEN 20K	1
14	248268	HOUSING COVER BRADEN 20K	1
15	248269	WASHER BRADEN 20K	16
16	248270	CAPSCREW BRADEN 20K	16
17	248271	PLUG BRADEN 20K	2
18	248272	SIGHT GAUGE BRADEN WINCH	1
19	248273	DRUM BRADEN TR20-O1 20K	1
20	248274	BRAKE END PLATE BRADEN 20K	1
21	248275	SPRING LOCATOR BRADEN 20K	1
22	248276	SPRING BRADEN 20K	12
23	248277	SPRING PLATE BRADEN 20K	1
24	248278	SEAL U-CUP BRADEN 20K **(INCLUDED WITH ITEM 83)**	1
25	248279	BRAKE PLATE SPACER BRADEN 20K	1
26	248280	BRAKE HUB BRADEN 20K	1
27	248281	SNAP RING BRADEN 20K	2
28	248282	BRAKE DISC BRADEN 20K	7
29	248283	FRICTION DISC BRADEN 20K	6
30	248284	O-RING BRADEN 20K **(INCLUDED WITH ITEM 83)**	1
31	248285	MOTOR ADAPTER SAE A2 BRADEN	1
32	248286	PLUG -4 BRADEN 20K	1
33	130350	RELIEF / VENT (10074) **(INCLUDED WITH ITEM 83)**	1
34	248287	TIE PLATE BRADEN 20K	2
35	248288	WASHER BRADEN 20K	8
36	248289	CAPSCREW BRADEN 20K	8
37	248290	SETSCREW BRADEN 20K	2
38	- - - - -	DRIVE SCREW **(USED TO MOUNT NAME PLATE)**	4
39	248291	NAMEPLATE TR20A J706 **(REQUIRES ITEM 38 TO MOUNT)**	1
40	247933	PRIMARY CARRIER ASSY 20KBRADEN **(INCLUDES ITEMS 42-49)**	1
41	248293	CARRIER PRIMARY PLANETARY GEAR **(INCLUDED WITH ITEM 40)**	1
42	248294	SUN GEAR SECONDARY 20K **(INCLUDED WITH ITEM 40)**	1
43	248295	RETAINING RING EXTERNAL 2.06 **(INCLUDED WITH ITEM 40)**	1
44	248296	PRIMARY PLANET GEAR **(INCLUDED WITH ITEM 40)**	3
45	248299	PIN PRIMARY PLANET GEAR **(INCLUDED WITH ITEM 40)**	3
46	248297	BUSHING 1.00 X 1.13 X 1.00 **(INCLUDED WITH ITEM 40, 3 EACH)** **(INCLUDED WITH ITEM 49, 6 EACH)**	9

Winch Components, Braden 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
47	248298	THRUST BEARING BRADEN 20K **(INCLUDED WITH ITEM 40, 6 EACH) (INCLUDED WITH ITEM 49, 6 EACH)**	12
48	248300	ROLL PIN 20K BRADEN **(INCLUDED WITH ITEM 40, 3 EACH) (INCLUDED WITH ITEM 49, 3 EACH)**	6
49	247934	SCNDARY CARRIER ASSY 20KBRADEN **(INCLUDES ITEMS 46-48, 50-52)**	1
50	248301	CARRIER SECONDARY PLANET GEAR **(INCLUDED WITH ITEM 49)**	1
51	248302	GEAR SECONDARY PLANET **(INCLUDED WITH ITEM 49)**	3
52	248303	PIN SECONDARY PLANET GEAR **(INCLUDED WITH ITEM 49)**	3
53	247936	HYD MOTOR ASSY 20K BRADEN **(INCLUDES ITEMS 54-64)**	1
54	248304	MOTOR HYD BRADEN 20K SPD **(INCLUDES ITEMS 60, 64) (INCLUDED WITH ITEM 53)**	1
55	248305	BRAKE VALVE BRADEN 20K 2 SPD **(INCLUDED WITH ITEM 53)**	1
56	248306	CAPSCREW BRADEN 20K 2 SPD **(INCLUDED WITH ITEM 53)**	4
57	- - - - -	SHIPPING PLUG **(INCLUDED WITH ITEM 53)**	2
58	102-0188	FTG,90 EL 04SAEM X 04 O-RING **(INCLUDED WITH ITEM 53)**	2
59	1-397-010262-1	HOSE ASSY,1/4 JIC 37 ENDS 14 **(INCLUDED WITH ITEM 53)**	1
60	248307	O-RING WINCH MOTOR BRADEN 20K **(INCLUDED WITH ITEMS 54, 83)**	1
61	248308	WASHER 20K BRADEN **(INCLUDED WITH ITEM 53)**	2
62	248309	CAPSCREW MOTOR BRADEN 20K **(INCLUDED WITH ITEM 53)**	2
63	248310	O-RING WINCH MOTOR BRADEN 20K **(INCLUDED WITH ITEM 53)**	2
64	248579	O-RING WINCH MTR TO 2SPD VALVE **(MOTOR TO BRAKE VALVE) (INCLUDED WITH ITEMS 54, 83)**	2
65	247935	AIR CLUTCH ASSY 20K BRADEN **(INCLUDES ITEMS 66-80, DOES NOT INCLUDE ITEM 81) (NEW STYLE CYLINDER DO NOT USE ITEM 79, EXTERNAL VENT)**	1
66	248580	PIN FREE SPOOL AIR SOLENOID **(INCLUDED WITH ITEM 65)**	1
67	248581	BUMPER 3/4" **(INCLUDED WITH ITEM 65)**	1
68	248582	RET RING EXT .75 .042 **(INCLUDED WITH ITEM 65)**	1
69	248583	O-RING AIR SOLENOID PIN **(INCLUDED WITH ITEM 65)**	2
70	248584	PISTON AIR SOLENOID **(INCLUDED WITH ITEM 65)**	1
71	248585	O-RING AIR SOLENOID PISTON **(INCLUDED WITH ITEM 65)**	2
72	248586	SPRING AIR SOLENOID PISTON **(INCLUDED WITH ITEM 65)**	1
73	248587	HOUSING AIR SOLENOID **(INCLUDED WITH ITEM 65)**	1
74	248588	O-RING AIR SOLENOID HOUSING **(INCLUDED WITH ITEM 65)**	1
75	248589	PLUG AIR SOLENOID **(INCLUDED WITH ITEM 65)**	1
76	248590	RET RING INT 1.75 .052 **(INCLUDED WITH ITEM 65)**	1
77	248591	O-RING AIR SOLENOID BALL SW **(INCLUDED WITH ITEM 65)**	1
78	248592	BALL SW #8 ORB NC **(INCLUDED WITH ITEM 65)**	1
79	130350	RELIEF / VENT (10074) **(INCLUDED WITH OLD STYLE ITEM 67) (NEW STYLE CYLINDER DOES NOT USE EXTERNAL VENT)**	1
80	248593	THRUST WASHER .75 1.00 .032 **(INCLUDED WITH ITEM 65)**	1
81	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT **(NOT INCLUDED WITH ITEM 65)**	1

Winch Components, Braden 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
82	- - - - -	TENSION ASY BRADEN 20K 2 SPD **(OLD SYTLE)** **(OBSOLETE, REPLACED BY 251165)**	- -
82	251165	FI BRADEN 20K 2SPD TENSIONER **(NEW STYLE)** **(SOLD AS ASSEMBLY ONLY)**	1
83	248578	SEAL KIT, WINCH 20K 2SPD **(KIT INCLUDES ITEMS 3-4, 24, 30, 33, 60, 64)**	1

Table provided for general use.

NOTES:

Winch Components, Braden 30K, 2 Speed

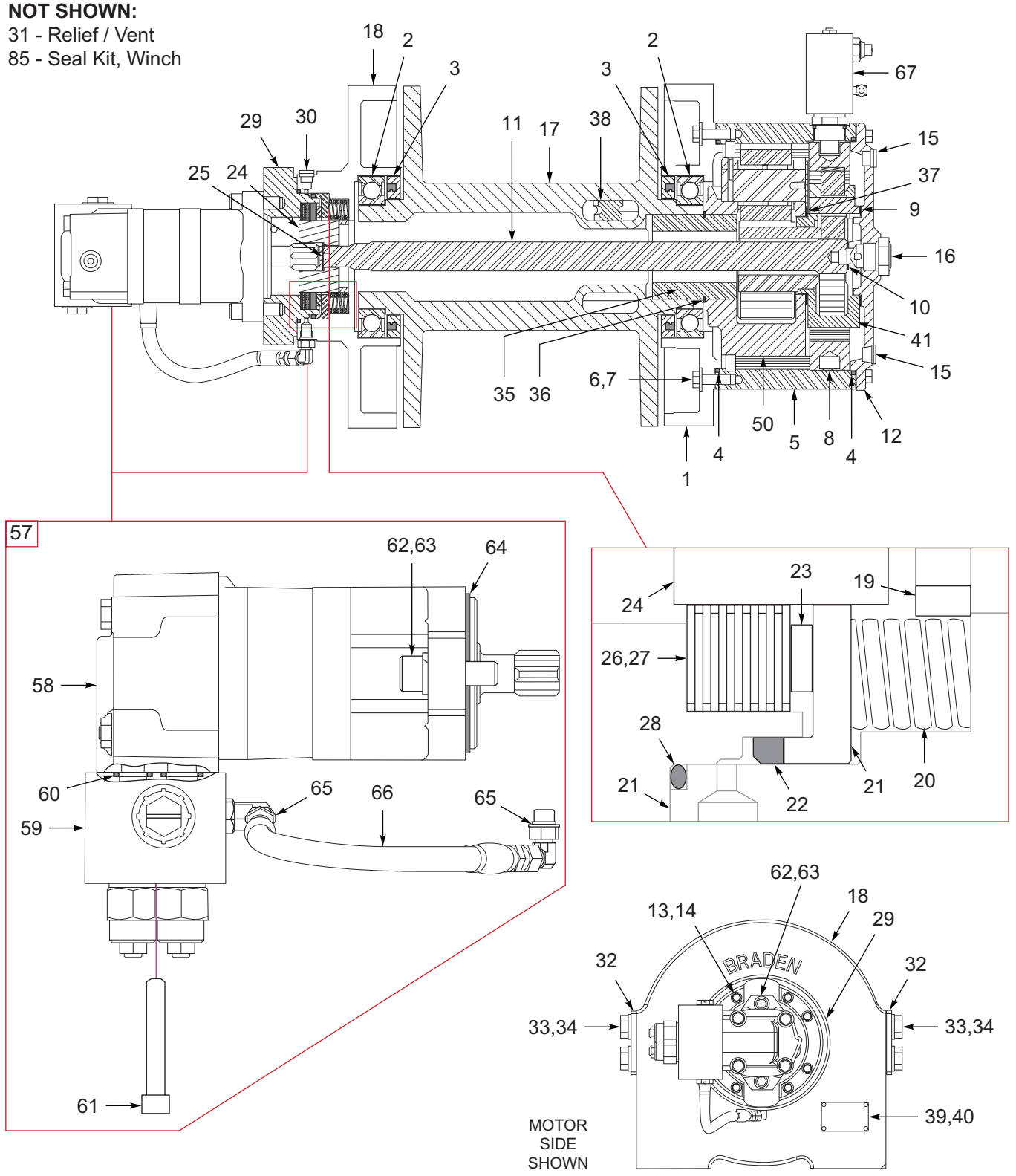


Image courtesy of the manufacturer.
Model modifications and replacement parts are subject to chage with or with out notice.

Figure 8-8: Winch Components, Braden 30K, 2 Speed (1 of 2)

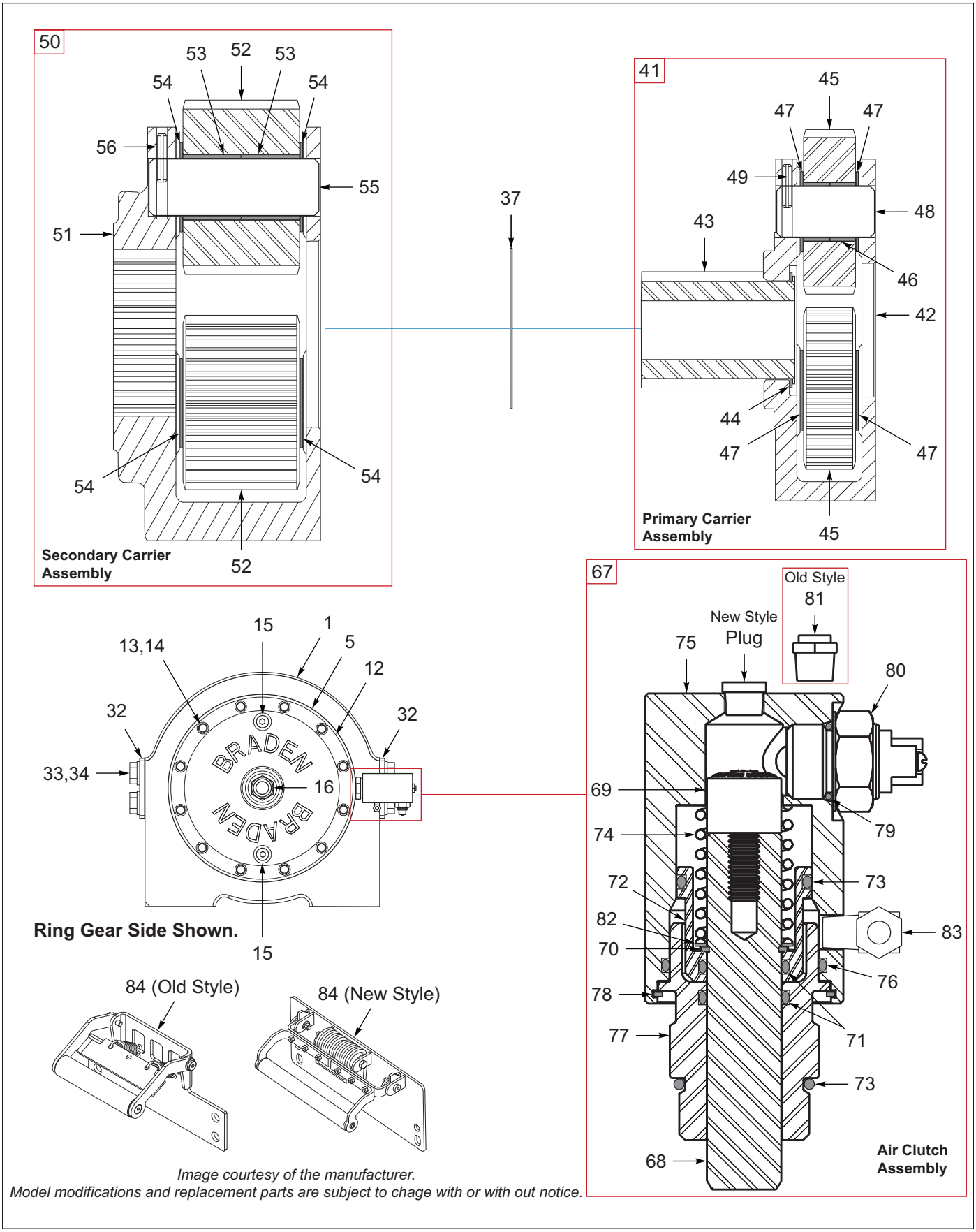


Image courtesy of the manufacturer.
Model modifications and replacement parts are subject to chage with or with out notice.

Figure 8-9: Winch Components, Braden 30K, 2 Speed (2 of 2)

Winch Components, Braden 30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	239745	WINCH 30K BRADEN 2 SPEED	- -
1	248311	ENDPLATE BRADEN 30K	1
2	247938	BALL BEARING 20K BRADEN	2
3	247939	SEAL 4.72 X 6.30 X .47 **(INCLUDED WITH ITEM 85)**	2
4	248312	O-RING BRADEN 30K **(INCLUDED WITH ITEM 85)**	1
5	248313	OUTPUT RING GEAR BRADEN 30K	1
6	247942	WASHER HARD 20K BRADEN	12
7	248314	CAPSCREW BRADEN 30K	12
8	248315	INPUT RING GEAR BRADEN 30K	1
9	247945	THRUST WASHER 3.00X3.75X.03	1
10	248316	THRUST RACE BRADEN 30K	1
11	248317	DRIVE SHAFT BRADEN 30K	1
12	248318	HOUSING COVER BRADEN 30K	1
13	248269	WASHER BRADEN 20K	20
14	248270	CAPSCREW BRADEN 20K	20
15	248271	PLUG BRADEN 20K	2
16	248272	SIGHT GAUGE BRADEN WINCH	1
17	248319	DRUM BRADEN TR30A-O1 30K	1
18	248320	END PLATE BRADEN 30K	1
19	248275	SPRING LOCATOR BRADEN 20K	1
20	248276	SPRING BRADEN 20K	12
21	248277	SPRING PLATE BRADEN 20K	1
22	248278	SEAL U-CUP BRADEN 20K **(INCLUDED WITH ITEM 85)**	1
23	248279	BRAKE PLATE SPACER BRADEN 20K	1
24	248280	BRAKE HUB BRADEN 20K	1
25	248281	SNAP RING BRADEN 20K	1
26	248282	BRAKE DISC BRADEN 20K	7
27	248283	FRICTION DISC BRADEN 20K	6
28	248284	O-RING BRADEN 20K **(INCLUDED WITH ITEM 85)**	1
29	248321	MOTOR ADAPT SAE792 BRADEN 2SPD	1
30	248286	PLUG -4 BRADEN 20K	1
31	130350	RELIEF / VENT (10074) **(INCLUDED WITH ITEM 85)**	1
32	248322	TIE PLATE BRADEN 30K **(WINCH WO/ ITEM 84, REQ 2 EACH)**	1
33	248323	WASHER BRADEN 30K	8
34	248324	CAPSCREW BRADEN 30K	8
35	248325	OUTPUT COUPLING BRADEN 30K	1
36	248326	RETAINING RING BRADEN 30K	1
37	248327	THRUST WASHER 3.34X4.33X.04	1
38	248328	CABLE WEDGE 30K BRADEN	1
39	- - - - -	DRIVE SCREW **(USED TO MOUNT NAME PLATE)**	4
40	- - - - -	NAME PLATE **(REQUIRES ITEM 38 TO MOUNT)**	1
41	248345	PRIMARY CARRIER ASSY 30K **(INCLUDES ITEMS 42-49)**	1
42	248329	PRIMARY PLANET GEAR 30K **(INCLUDED WITH ITEM 41)**	1
43	248330	OUTPUT SUN GEAR 30K **(INCLUDED WITH ITEM 41)**	1
44	248331	EXTERNAL RETAINING RING 30K **(INCLUDED WITH ITEM 41)**	1
45	248332	PLANET GEAR 30K **(INCLUDED WITH ITEM 41)**	3
46	248333	BEARING ROLLER 30K BRADEN **(INCLUDED WITH ITEM 41)**	6
47	248334	THRUST BEARING 30K BRADEN **(INCLUDED WITH ITEM 41)**	6
48	248335	PRIMARY PLANET PIN 30K BRADEN **(INCLUDED WITH ITEM 41)**	3

Winch Components, Braden 30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
49	11837	ROLL PIN **(INCLUDED WITH ITEM 41)**	3
50	248346	SECONDARY CARRIER ASSY 30K **(INCLUDES ITEMS 51-56)**	1
51	248336	SECONDARY PLANET CARRIER 30K **(INCLUDED WITH ITEM 50)**	1
52	248337	SECONDARY PLANET GEAR 30K **(INCLUDED WITH ITEM 50)**	3
53	248338	ROLLER BEARING 30K **(INCLUDED WITH ITEM 50)**	6
54	248339	THRUST WASHER 30K BRADEN **(INCLUDED WITH ITEM 50)**	6
55	248340	SECONDARY PLANETARY PIN 30K **(INCLUDED WITH ITEM 50)**	3
56	248341	SPIROL PIN 30K BRADEN **(INCLUDED WITH ITEM 50)**	3
57	248344	HYD MOTOR ASSY 30K BRADEN **(INCLUDES ITEMS 58-66)**	1
58	248347	HYD MOTOR 30K BRADEN 2 SPD **(INCLUDES ITEMS 60, 64) (INCLUDED WITH ITEM 57)**	1
59	248348	BRAKE ASSY 30K BRADEN 2 SPD **(INCLUDED WITH ITEM 57)**	1
60	248349	O-RING WINCH MOTOR BRADEN 30K **(INCLUDED WITH ITEM 58, 85)**	2
61	248350	CPSCRW WINCH MOTOR BRADEN 30K **(INCLUDED WITH ITEM 57)**	3
62	248351	LCKWASH WINCH MOTOR BRADEN 30K **(INCLUDED WITH ITEM 57)**	2
63	248352	CPSCRW WINCH MOTOR BRADEN 30K **(INCLUDED WITH ITEM 57)**	2
64	248353	O-RING WINCH MOTOR BRADEN 30K **(INCLUDED WITH ITEM 58, 85)**	1
65	102-0188	FTG,90 EL 04SAEM X 04 O-RING **(INCLUDED WITH ITEM 57)**	2
66	1-397-010262-1	HOSE ASSY,1/4 JIC 37 ENDS 14 **(INCLUDED WITH ITEM 57)**	1
67	247935	AIR CLUTCH ASSY 20K BRADEN **(INCLUDES ITEMS 68-82, DOES NOT INCLUDE ITEM 83) (NEW STYLE CYLINDER DO NOT USE ITEM 81, EXTERNAL VENT)**	1
68	248580	PIN FREE SPOOL AIR SOLENOID **(INCLUDED WITH ITEM 67)**	1
69	248581	BUMPER 3/4" **(INCLUDED WITH ITEM 67)**	1
70	248582	RET RING EXT .75 .042 **(INCLUDED WITH ITEM 67)**	1
71	248583	O-RING AIR SOLENOID PIN **(INCLUDED WITH ITEM 67)**	2
72	248584	PISTON AIR SOLENOID **(INCLUDED WITH ITEM 67)**	1
73	248585	O-RING AIR SOLENOID PISTON **(INCLUDED WITH ITEM 67)**	2
74	248586	SPRING AIR SOLENOID PISTON **(INCLUDED WITH ITEM 67)**	1
75	248587	HOUSING AIR SOLENOID **(INCLUDED WITH ITEM 67)**	1
76	248588	O-RING AIR SOLENOID HOUSING **(INCLUDED WITH ITEM 67)**	1
77	248589	PLUG AIR SOLENOID **(INCLUDED WITH ITEM 67)**	1
78	248590	RET RING INT 1.75 .052 **(INCLUDED WITH ITEM 67)**	1
79	248591	O-RING AIR SOLENOID BALL SW **(INCLUDED WITH ITEM 67)**	1
80	248592	BALL SW #8 ORB NC **(INCLUDED WITH ITEM 67)**	1
81	130350	RELIEF / VENT (10074) **(INCLUDED WITH OLD STYLE ITEM 67) (NEW STYLE CYLINDER DOES NOT USE EXTERNAL VENT)**	1
82	248593	THRUST WASHER .75 1.00 .032 **(INCLUDED WITH ITEM 67)**	1
83	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT **(SOLD SEPERATELY WITH ITEM 67)**	1
84	- - - - -	TENSION ASSY BRADEN 30K 2 SPD **(OLD STYLE) (OBSOLETE, REPLACED BY 251166)**	- -
84	251166	FI BRADEN 30K 2SPD TENSIONER **(NEW STYLE) (SOLD AS ASSEMBLY ONLY)**	1
85	251242	SEAL KIT BRADEN WINCH TR30A **(KIT INCLUDES ITEMS 3-4, 22, 28, 31, 60, 64)**	1

Winch Components, Ramsey 20K, 2 Speed

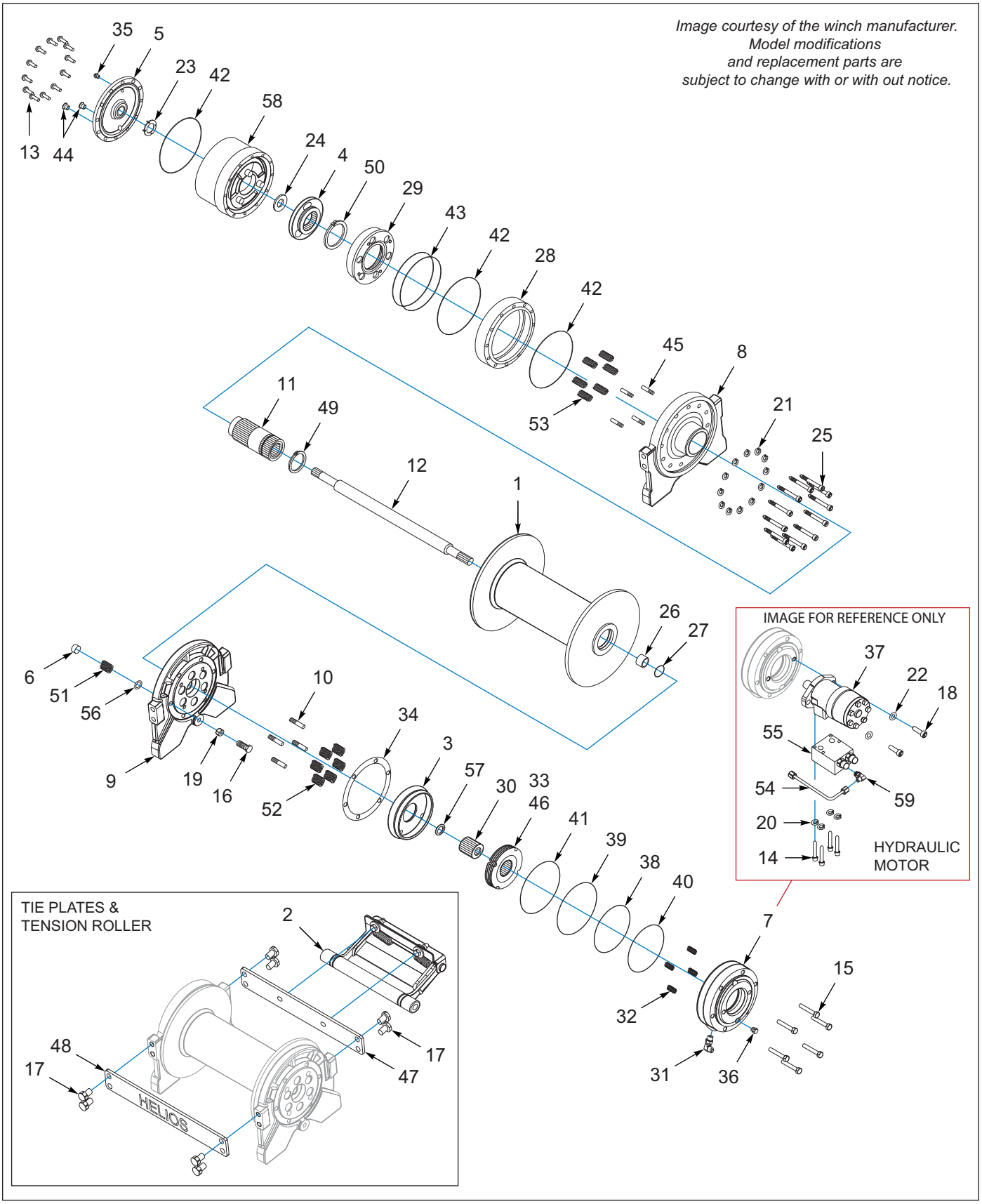


Figure 8-10: Ramsey 20K, 2 Speed

Winch Components, Ramsey 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	240526	WINCH 20K RAMSEY 2 SPEED	- -
1	247891	DRUM ASSEMBLY RAMSEY 20K	1
2	247892	TENSIONER ASSEMBLY RAMSEY 20K	1
3	247893	PISTON BRAKE RAMSEY 20K	1
4	247894	CLUTCH HERC 25K RAMSEY 20K	1
5	247895	COVER GEARBOX RAMSEY 20K	1
6	247871	DRAG PUCK DRUM FREE SPOOL	1
7	247896	HOUSING BRAKE RAMSEY 20K	1
8	247897	GEAR END BEARING 20K	1
9	247898	MOTOR END BEARING 20K	1
10	247899	PIN BRAKE .375 DIA X 2.125 LG	4
11	247900	COUPLING RAMSEY 20K WINCH	1
12	247901	SHAFT INPUT RAMSEY 20K	1
13	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	12
14	1-654-010049-11	SCREW,HX CAP,5/16-18UNCX2-1/2	4
15	1-654-010051-11	SCREW HX CP 3/8-16X2-1/2 G5ZP	6
16	108439	SCREW HX CP 1/2-13UNCX1-1/2G8	1
17	1-654-010059-01	SCREW,HX CP,5/8-11UNCX1 GR5	8
18	MS16995-95	SCREW CP SCKT HD 1/2-13X1.25	2
19	112-1511	NUT HEX 1/2-13NC CD PL	1
20	1-861-010034-10	WASHER,LKG 5/16	4
21	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	12
22	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	2
23	247902	WASHER THRUST COVER RPH20000	1
24	247903	CLUTCH WSHR 2.125ODX.878IDX.07	1
25	129645	SCREW,HEX CAP,3/8-16X3 GR8	12
26	247904	BEARING RPH12 RAMSEY 20K	1
27	247905	O-RING AS-568-214	1
28	247906	CYLINDER 20K RAMSEY	1
29	247907	PISTON CLUTCH 20K RAMSEY	1
30	247908	COUPLING MOTOR 20K RAMSEY	1
31	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT	1
32	247909	SPRING BRAKE PRESSURE 20K	4
33	247910	BRAKE DISC 0.71 1035CR STL	4
34	247911	GASKET BRAKE VCN-60 20K	1
35	456008	CAP, VENT	1
36	247912	BREATHER VENT RAMSEY 20K	1
37	247913	MOTOR 20K RAMSEY 2 SPD	1
38	247914	O-RING AS-568-256	1
39	247915	O-RING AS-568-259	1
40	247916	RING BACK-UP 1750-256	1
41	247917	RING BACK-UP 1750-259	1
42	247918	O-RING AS-568-165	3
43	247919	O-RING 6.484IDX6.762ODX.139T	2
44	247920	PLUG #6 ORB HEX SOCKET HEAD	2
45	247921	THREADED TAPER PIN RAMSEY 2OK	4
46	247922	PLATE SEPERATOR BRAKE 20K	5
47	247923	TIE PLATE TENSIONER MNT 20K	1
48	247924	TIE PLATE HELIOS LOGO 20K	1

Winch Components, Ramsey 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
49	247925	SNAP RING 2-5/8" OD SHAFT	1
50	247926	SNAP RING 3-1/8" OD SHAFT	1
51	494002	SPRING, DISC BRAKE	1
52	247927	SPRING WINCH BRAKE 20K RAMSEY	6
53	247887	CLUTCH SPRING RAMSEY 30K	6
54	247928	HYDRAULIC TUBE 1/4" BRAKE 20K	1
55	247929	VALVE 2 SPEED DUAL CB 20K	1
56	247930	SPACER BRAKE DISC RAMSEY 20K	1
57	247931	WASHER THRUST 1.37 OD 20K	1
58	247932	GEARBOX RAMSEY 20K	1
59	- - - - -	FITTING, ELBOW 90 O-RING	1

Table provided for general use.

NOTES:

Winch Components, Ramsey 30K, 2 Speed

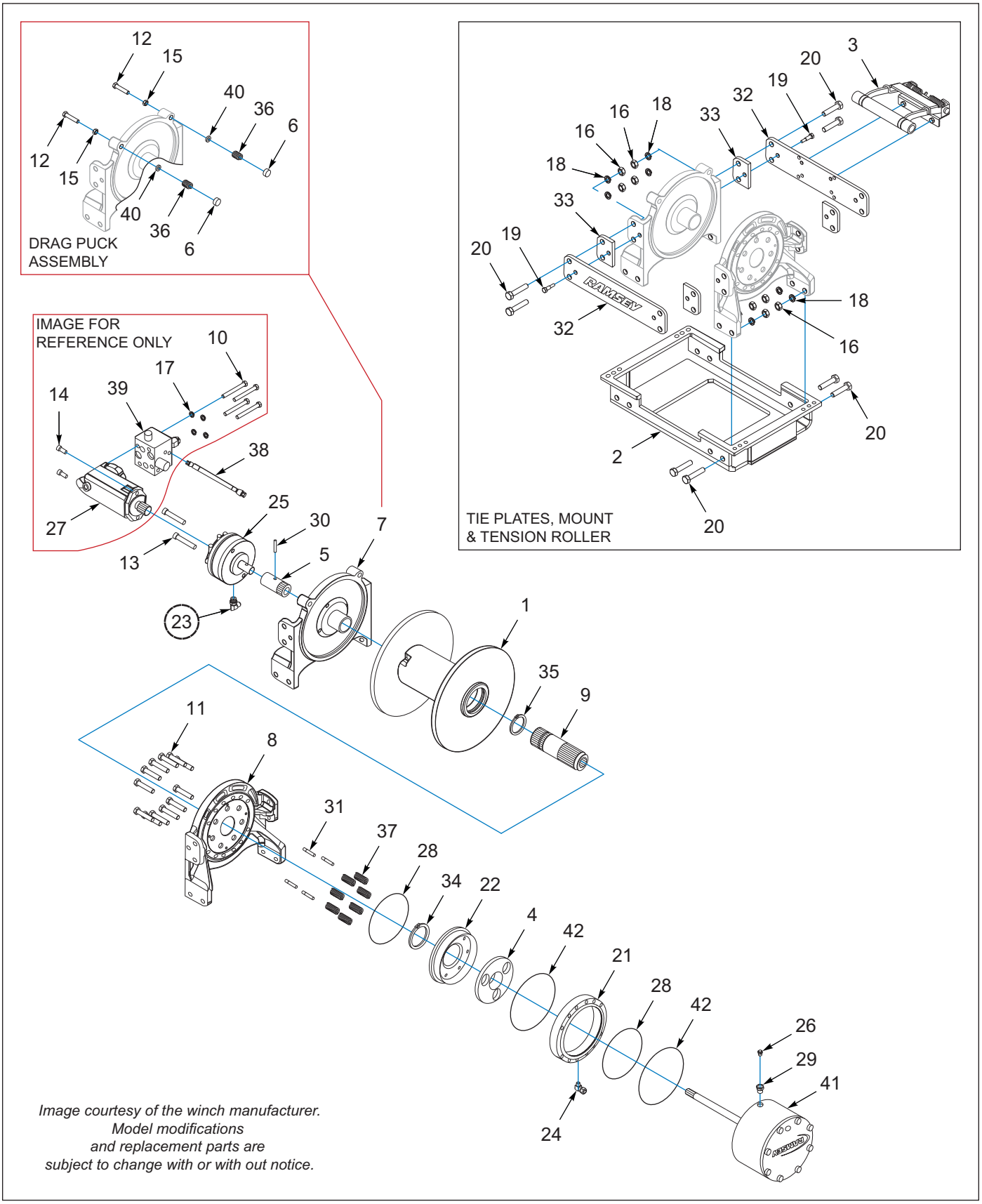
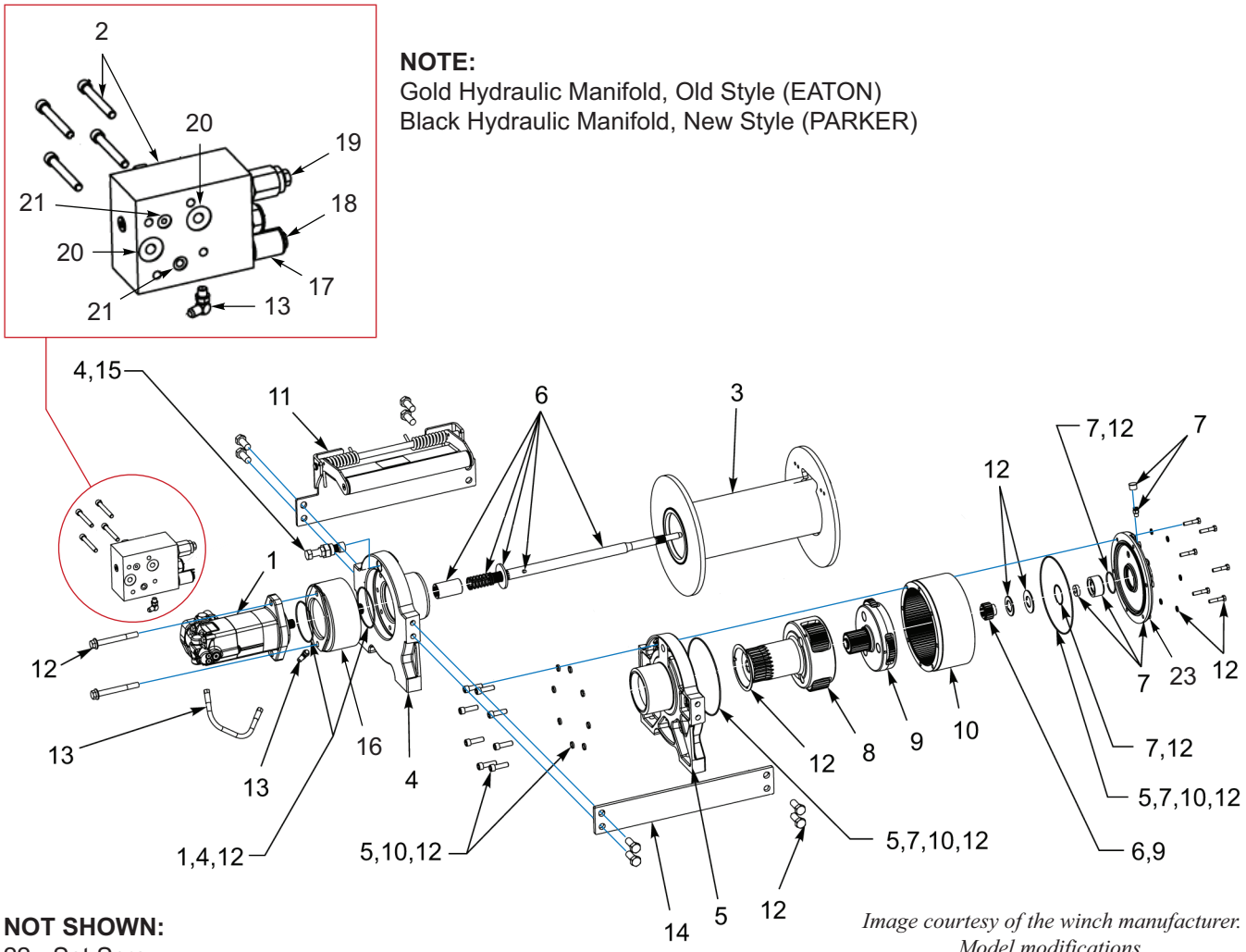


Figure 8-11: Ramsey 30K, 2 Speed

Winch Components, Ramsey 30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
.	240528	WINCH 30K RAMSEY 2 SPEED	- -
1	247866	DRUM ASSEMBLY RAMSEY 30K	1
2	247867	WLDMT LOW MOUNT FRAME 30K	1
3	247868	SPRING TENSION ASSY RMSY 30K	1
4	247869	CLUTCH RAMSEY 30K WINCH	1
5	247870	COUPLING RAMSEY 30K WINCH	1
6	247871	DRAG PUCK DRUM FREE SPOOL	2
7	247872	MOTOR END BEARING 30K	1
8	247873	GEAR END BEARING 30K	1
9	247874	OUTPUT COUPLING 30K	1
10	1-654-010052-17	SCREW HX CP 3/8-24UNFX4 GR5	4
11	1-654-010055-09	SCREW,HX CP,1/2-13UNCX3 GR5	12
12	108439	SCREW HX CP 1/2-13UNCX1-1/2G8	2
13	123706	SCREW,HX SCKT 1/2-13X3-1/2	2
14	MS16995-95	SCREW CP SCKT HD 1/2-13X1.25	2
15	112-1511	NUT HEX 1/2-13NC CD PL	2
16	112-1513	NUT 5/8-11 HEX ZP	16
17	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	4
18	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	16
19	247875	SHOULDER BOLT 1/2X1-1/4LG ZP	4
20	1-654-010059-06	SCREW,HEX CAP 5/8-11X2-1/4 G5	16
21	247876	CLUTCH CYLINDER 30K	1
22	247877	PISTON RAMSEY 30K	1
23	102-0188	FTG,90 EL 04SAEM X 04 O-RING	1
24	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT	1
25	247878	BRAKE HYDRAULIC RAMSEY 30K **(INCLUDES GASKETS)**	1
26	456008	CAP, VENT	1
27	247879	MOTOR HYDRAULIC RAMSEY 30K	1
28	247880	O-RING GEARBOX RAMSEY 30K	2
29	2081-8-6S	REDUCER 1/2NPT X 3/8NPT	1
30	247881	SPRING PIN RAMSEY 30K	1
31	247882	TAPER PIN RAMSEY 30K	4
32	247883	TIE PLATE RAMSEY 30K	2
33	247884	SPACER TIE PLATE RAMSEY 30K	4
34	247885	RETAINING RING RAMSEY 30K	1
35	247886	RETAINING RING RAMSEY 30K	1
36	494002	SPRING, DISC BRAKE	2
37	247887	CLUTCH SPRING RAMSEY 30K	2
38	1-397-010262-1	HOSE ASSY,1/4 JIC 37 ENDS 14	1
39	247888	MOTOR CONTROL VALVE RAMSEY 30K	1
40	247889	SPACER BRAKE DISC RAMSEY 30K	2
41	247890	GEARBOX RAMSEY 30K	1
42	- - - - -	O-RING GEARBOX RAMSEY 30K	2

Winch Components, Warn 20K, 2 Speed



NOTE:
Gold Hydraulic Manifold, Old Style (EATON)
Black Hydraulic Manifold, New Style (PARKER)

NOT SHOWN:
22 - Set Screw

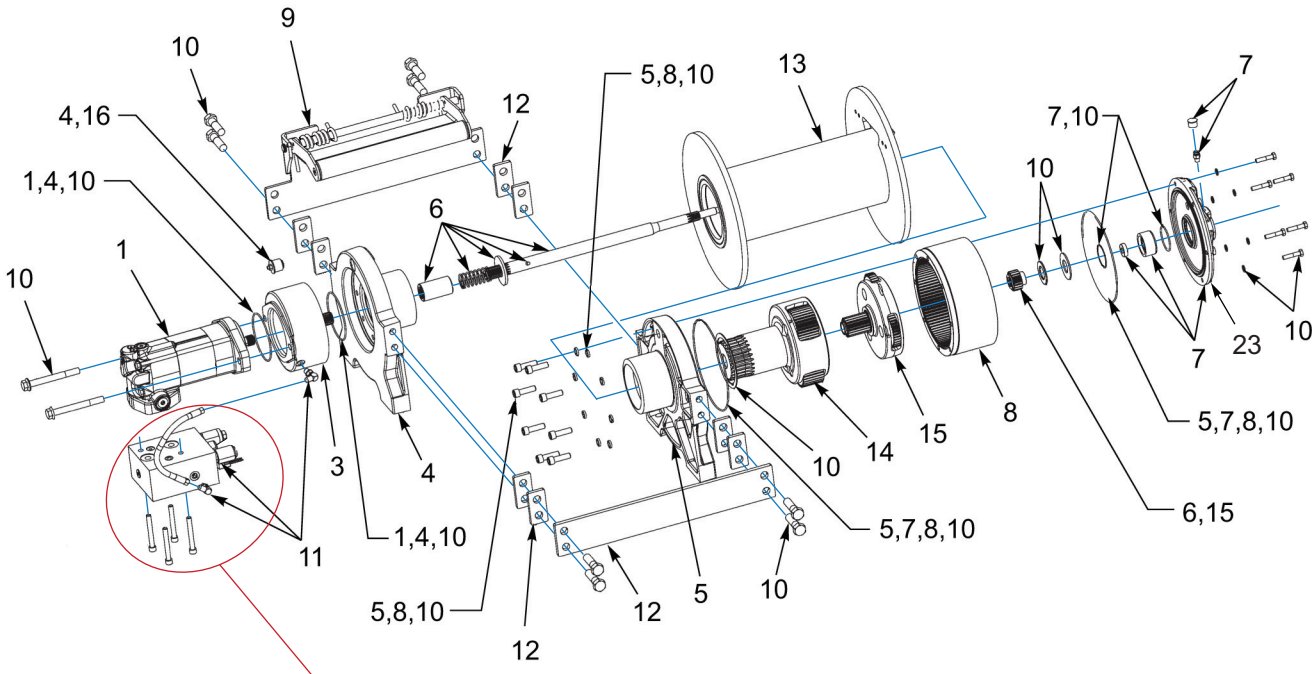
Image courtesy of the winch manufacturer. Model modifications and replacement parts are subject to change with or with out notice.

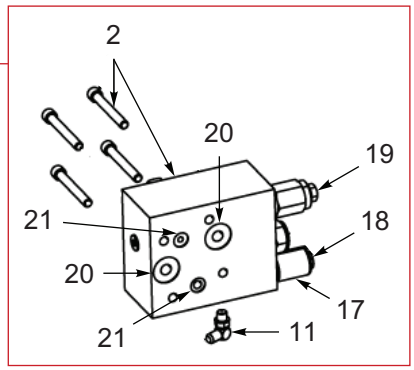
Figure 8-12: Winch Components, Warn 20K, 2 Speed

Winch Components, Warn 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	167521	WINCH 20K WARN 2 SPEED	- -
1	178718	MOTOR-HYD 11.9 CIR 2K STD	1
2	161590	SVC KIT-MANIFOLD-HYD **(EATON, GOLD BODY)**	1
2	178715	SVC KIT-MANIFOLD-HYD **(PARKER, BLACK BODY)**	1
3	162208	SVC KIT - DRUM ASSY 20K LONG	1
4	178999	SVC KIT - DRM RETRD_DRM SPPRT	1
5	162210	SVC KIT-DRUM SPRT GEAR END N	1
6	162211	SVC KIT-DRIVE SHAFT LONG N	1
7	162941	SVC KIT - END HSG ASSY - AIR	1
8	162213	SVC KIT-CARRIER STG2	1
9	162214	SVC KIT-CARRIER STG1	1
10	162215	SVC KIT-RING GEAR	1
11	162216	SVC KIT-TENSIONER	1
12	179000	SVC KIT - HARDWARE-SEAL	1
13	162218	SVC KIT-HOSE HYD	1
14	162219	SVC KIT-TIE PLATE LONG	1
15	179001	SVC KIT - DRUM RETARDER	1
16	162207	SVC KIT - BRAKE ASSEMBLY	1
17	199104	SOLENOID COIL 12V 2SP WARN **(EATON)** **(SILVER ROUND BODY, DUETSCH CONNECTOR ON A LEAD)**	1
17	247951	SOLENOID COIL 12V 2SP PARKER **(PARKER)** **(BLACK SQUARE BODY, DUETSCH CONNECTOR MOUNTED TO SOLENOID BODY)**	1
18	201642	SOLENOID CARTRIDGE VALVE 2SP **(EATON, SILVER BODY)**	1
18	247947	SOLENOID CARTRIDGE VALVE 2SP **(PARKER, BLACK BODY)**	1
19	201643	OVERCENTER VALVE **(EATON, SILVER BODY)**	1
19	247948	OVERCENTER VALVE **(PARKER, BLACK BODY)**	1
20	201644	O-RING **(EATON)**	2
20	247949	O-RING **(PARKER)**	2
21	201645	O-RING **(EATON)**	2
21	247950	O-RING **(PARKER)**	2
22	201650	SET SCREW 3/8"X1/5" HEX SOCKET **(NOT SHOWN)**	2
23	225976	MANUAL FREESPOOL CLUTCH WARN **(END CAP, MANUAL FREE SPOOL CLUTCH)**	1

Winch Components, Warn 30K, 2 Speed





NOTE:
GOLD HYDRAULIC MANIFOLD, OLD STYLE (EATON)
BLACK HYDRAULIC MANIFOLD, NEW STYLE (PARKER)

NOT SHOWN:
#22 - SET SCREW

Image courtesy of the winch manufacturer. Model modifications and replacement parts are subject to change with or with out notice.

Figure 8-13: Winch Components, Warn 30K, 2 Speed

Winch Components, Warn 30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY.
	172877	WINCH 30K WARN 2 SPD AIR	- -
1	178714	SVC KIT-MOTOR-HYD	1
2	161590	SVC KIT-MANIFOLD-HYD **(EATON, GOLD BODY)**	1
2	178715	SVC KIT-MANIFOLD-HYD **(PARKER, BLACK BODY)**	1
3	162207	SVC KIT - BRAKE ASSEMBLY	1
4	178716	SVC KIT-DRUM SPRT MTR END RET	1
5	162210	SVC KIT-DRUM SPRT GEAR END N	1
6	162211	SVC KIT-DRIVE SHAFT LONG N	1
7	162941	SVC KIT - END HSG ASSY - AIR	1
8	162215	SVC KIT-RING GEAR	1
9	162216	SVC KIT-TENSIONER	1
10	162217	SVC KIT-HARDWARE SEAL	1
11	162218	SVC KIT-HOSE HYD	1
12	162219	SVC KIT-TIE PLATE LONG	1
13	162942	SVC KIT - DRUM ASSY 30K LONG	1
14	162943	SVC KIT-CARRIER STG2-6.0-6.0N	1
15	162944	SVC KIT-CARRIER STG1-6.0-6.0N	1
16	178717	SVC KIT-EXPANSION PLUG 1" RBR	1
17	199104	SOLENOID COIL 12V 2SP WARN **(EATON)** **(SILVER ROUND BODY, DUETSCH CONNECTOR ON A LEAD)**	1
17	247951	SOLENOID COIL 12V 2SP PARKER **(PARKER)** **(BLACK SQUARE BODY, DUETSCH CONNECTOR MOUNTED TO SOLENOID BODY)**	1
18	201642	SOLENOID CARTRIDGE VALVE 2SP **(EATON, SILVER BODY)**	1
18	247947	SOLENOID CARTRIDGE VALVE 2SP **(PARKER, BLACK BODY)**	1
19	201643	OVERCENTER VALVE **(EATON, SILVER BODY)**	1
19	247948	OVERCENTER VALVE **(PARKER, BLACK BODY)**	1
20	201644	O-RING **(EATON)**	2
20	247949	O-RING **(PARKER)**	2
21	201645	O-RING **(EATON)**	2
21	247950	O-RING **(PARKER)**	2
22	201650	SET SCREW 3/8"X1/5" HEX SOCKET **(NOT SHOWN)**	2
23	225976	MANUAL FREESPOOL CLUTCH WARN **(END CAP, MANUAL FREE SPOOL CLUTCH)**	1

Storage and Tie Down (Options)

Storage, Gooseneck Carrier, Rack, Chain & Binder (Option)

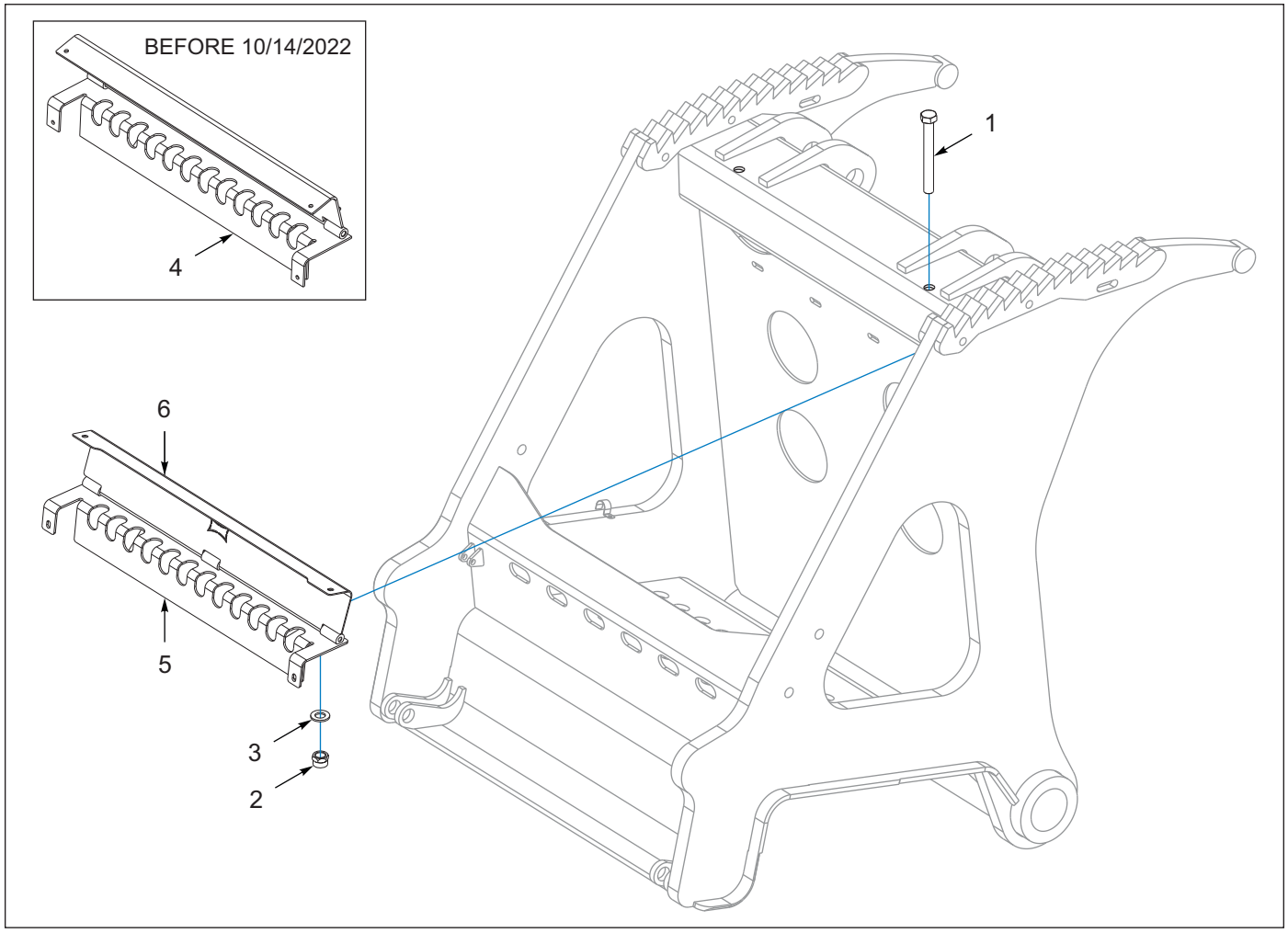


Figure 9-1: Storage, Gooseneck Carrier, Rack, Chain & Binder (Option)

Storage, Gooseneck Carrier, Rack, Chain & Binder (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	162051	RACK INSTL,BLK,CHAIN & BINDER	- -
	243586	RACK INSTL,GALV,CHAIN & BINDER	- -
1	W908409-4	SCREW 3/4-10X6 HEX HD CAP **(BEFORE 10/14/2022, REQ 2 EACH)**	- -
1	100855	SCREW, HHCS,3/4-10X6-1/2 GR5 **(AFTER 10/14/2022)**	2
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2
3	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD **(AFTER 10/14/2022)**	2
4	162049	RACK WLDMT CHAIN/BINDER 855 **(ASSEMBLY)** **(BEFORE 10/14/2022 - AFTER REPLACE BY ITEMS 5-6)**	- -
5	243587	RACK,CHAIN & BINDER BLK **(AFTER 10/14/2022)**	1
5	243588	RACK,CHAIN & BINDER GALV **(AFTER 10/14/2022)**	1
6	243589	LID,CHAIN & BINDER RACK,BLK **(AFTER 10/14/2022)**	1
6	243590	LID,CHAIN & BINDER RACK,GALV **(AFTER 10/14/2022)**	1

Storage, Gooseneck Spare Tire Mount, 22.5 Rim, Standard (Option)

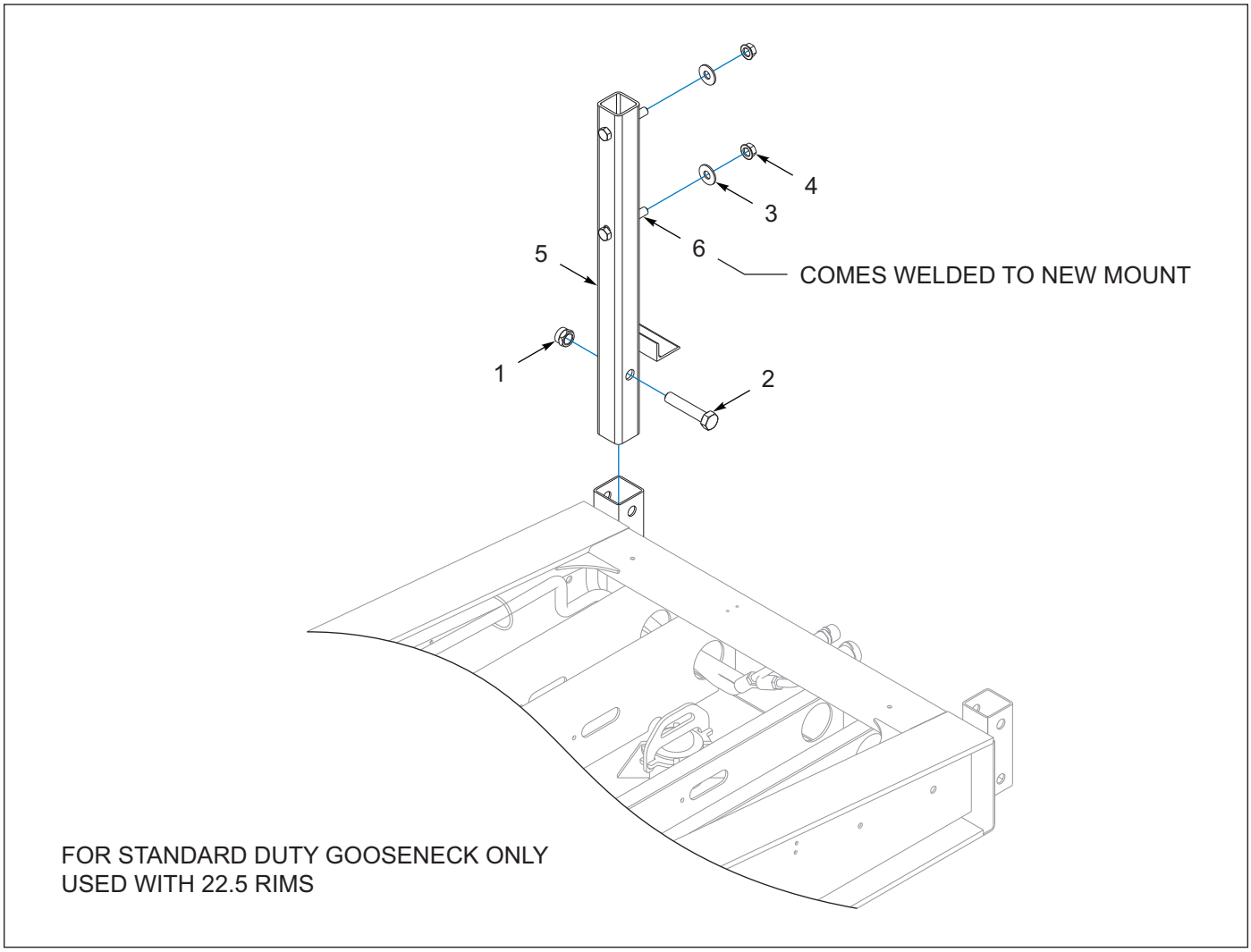


Figure 9-2: Storage, Gooseneck Spare Tire Mount, 22.5 Rim, Standard (Option)

Storage, Gooseneck Spare Tire Mount, 22.5 Rim, Standard (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	169641	MNT ASSY SPR 255/275 TIRE **(INCLUDES ITEMS 1-5)**	1
1	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	1
2	1-654-010065-15	SCREW HX CP 1-8UNCX5 GR5	1
3	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	2
4	103841	NUT,FLG,LNK,SERRATED 3/4-10UNC	2
5	169639	MOUNT WLDMT SPARE 255 TIRE **(INCLUDES ITEM 6)**	1
6	1-654-010061-15	SCREW,HX CP 3/4-10UNCX5 GR5	2

Storage, Gooseneck Toolbox, Curbside 24H X 22D X 14W (Option)

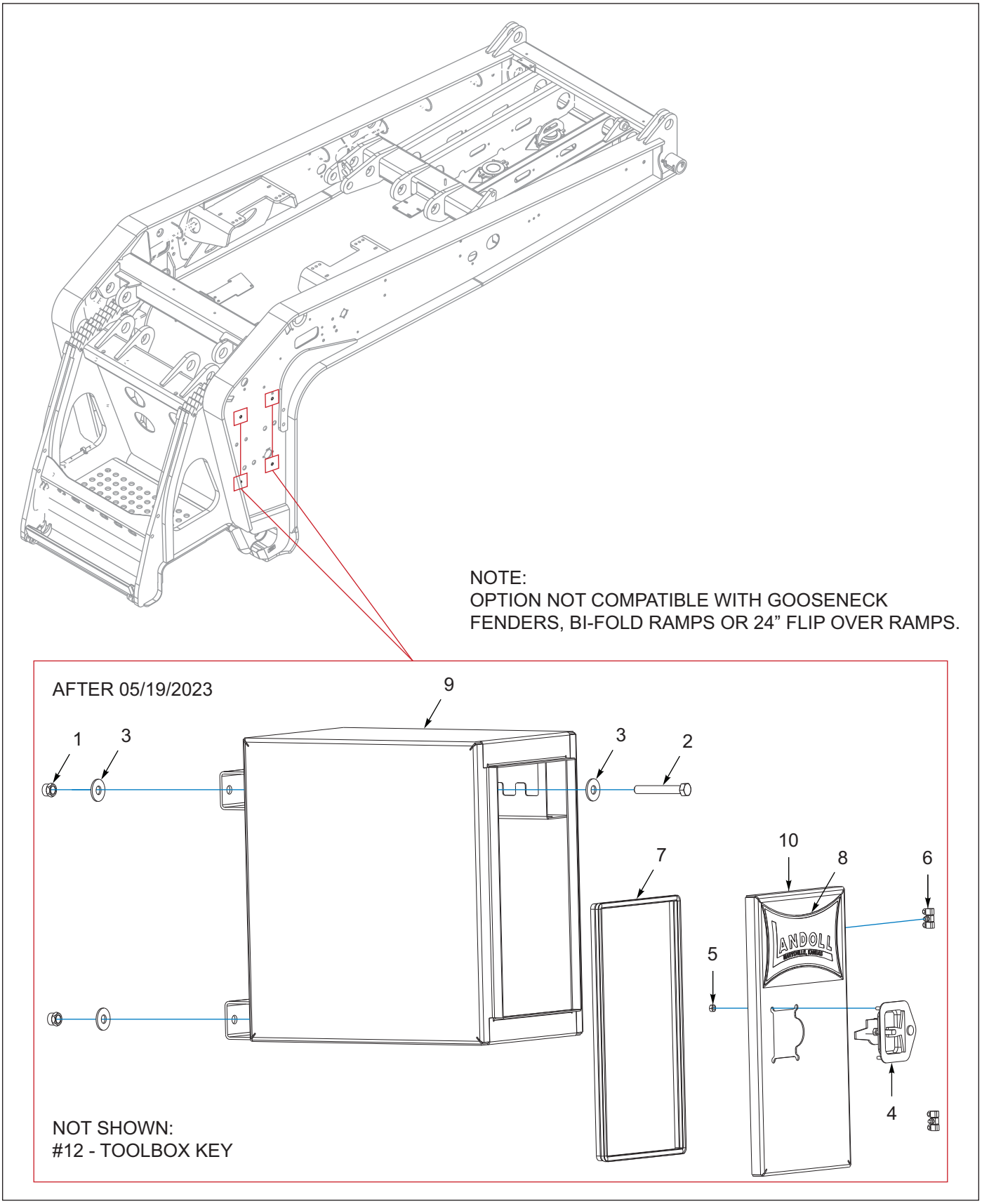


Figure 9-3: Storage, Gooseneck Toolbox, Curbside 24H X 22D X 14W (Option) (1 of 2)

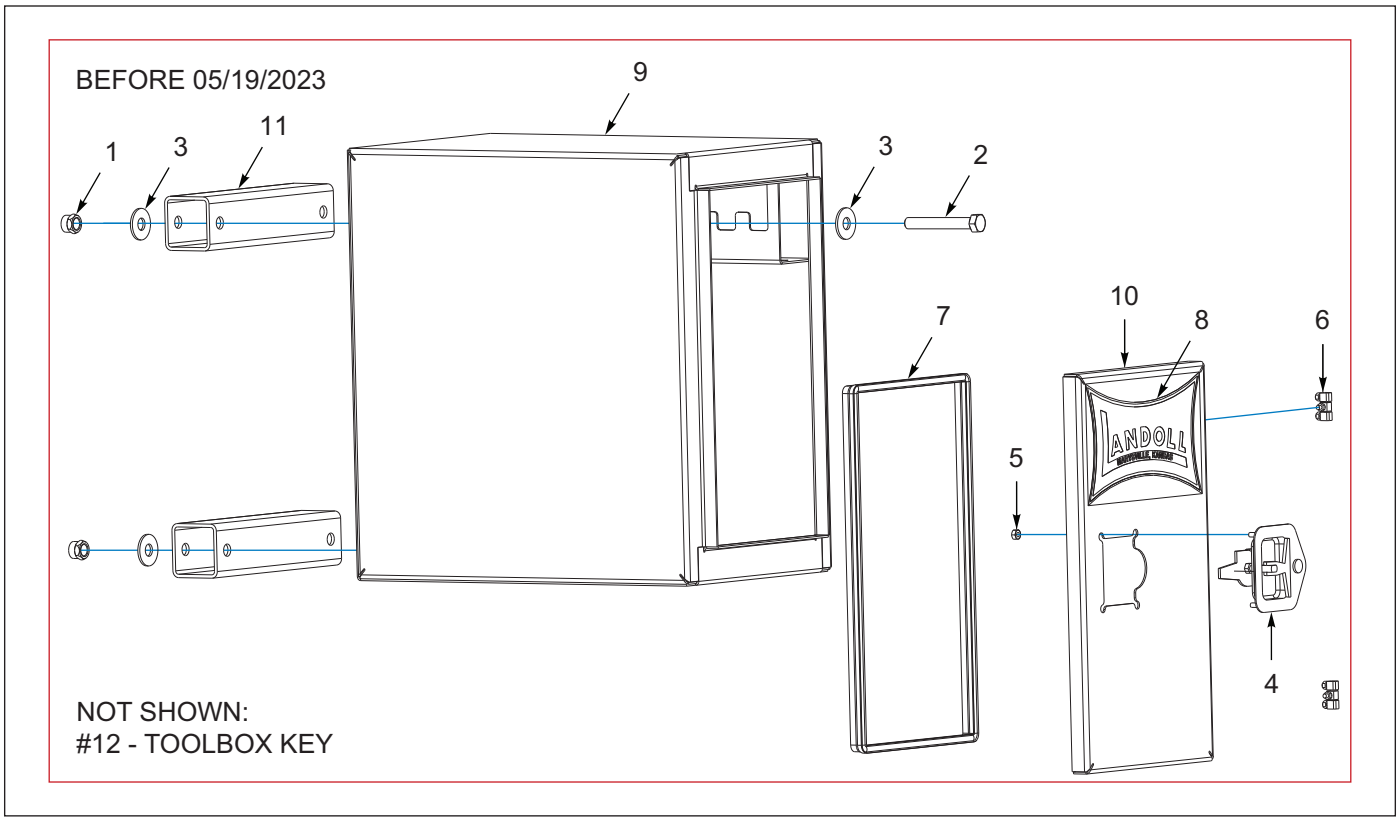
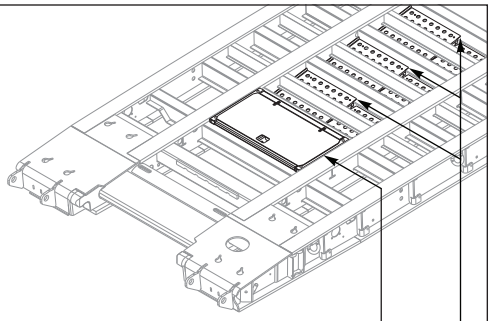


Figure 9-4: Storage, Gooseneck Toolbox, Curbside 24H X 22D X 14W (Option) (2 of 2)

Storage, Gooseneck Toolbox, Curbside 24H X 22D X 14W (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	171965	TOOLBOX ASSY 835 G/N **(BLACK) (INCLUDES ITEMS 1-10, 12)**	- -
	225280	GALV TOOLBOX 24X22X14 **(GALV) (INCLUDES ITEMS 1-10, 12)**	- -
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
2	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5	4
3	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	8
4	114814	LATCH FOLDING T LOCKABLE	1
5	115877	NUT HVY HEX 1/4-20 GR5	4
6	12412408	HINGE, TOOL BOX DOOR	2
7	12412409	SEAL, FLEXIBLE, SELF-GRIPPING **(BY THE INCH)**	64
8	153754	DECAL,BOW-TIE (WHITE/DK)RFLCT	1
9	225275	TOOLBOX 24X22X14 BLACK **(BLACK)** **(AFTER 05/19/2023, ITEM 11 COMES WELDED-ON)**	1
9	225276	GALV OF 171704TOOLBOX 24X22X14 **(GALV)** **(AFTER 05/19/2023, ITEM 11 COMES WELDED-ON)**	1
10	225277	LID,TOOLBOX,24X14,BLACK **(BLACK)**	1
10	225278	GALV OF 169404 TOOLBOX LID **(GALV)**	1
11	225281	SPACER,G/N TOOLBOX,BLACK **(BLACK)** **(BEFORE 05/19/2023, BOLT-ON)** **(AFTER 05/19/2023, COMES WELDED-ON ITEM 9)**	2
11	225282	GALV OF 171967 TOOLBOX SPACER **(GALV)** **(BEFORE 05/19/2023, BOLT-ON)** **(AFTER 05/19/2023, COMES WELDED-ON ITEM 9)**	2
12	CH545	TOOL BOX KEY	1

Storage, Frame, Front Center, Bolt-In Floor (Options)

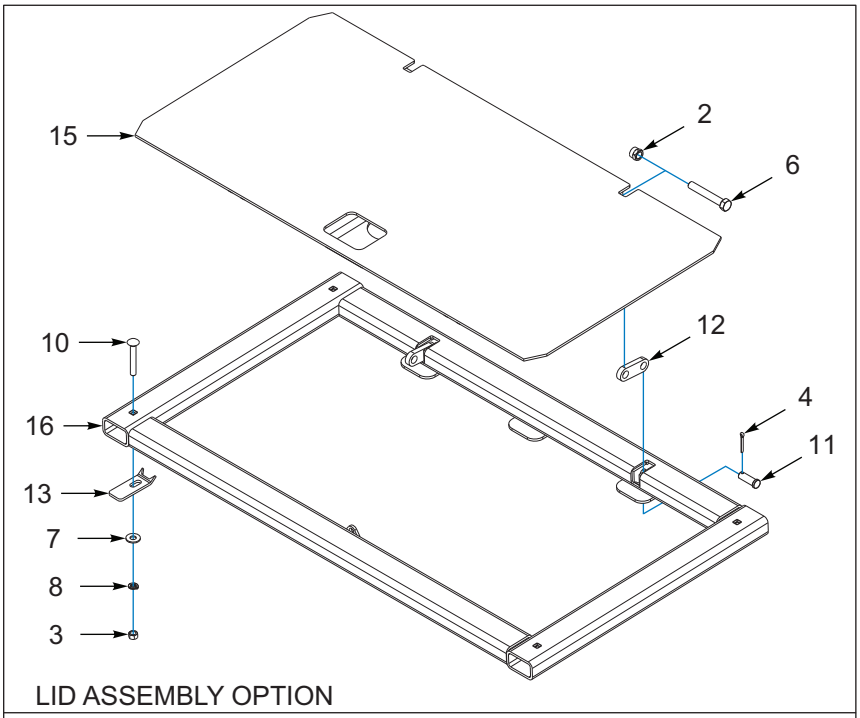


STANDARD LOCATION
(SHOWN W/ LID OPTION)

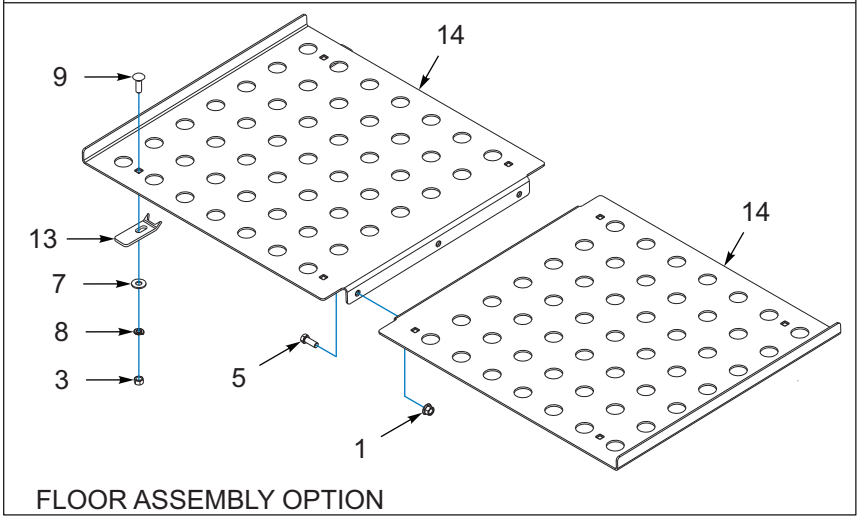
ADDITIONAL LOCATIONS

NOTE:
FITS CROSSMEMBERS
WITH 24 INCH CENTERS.

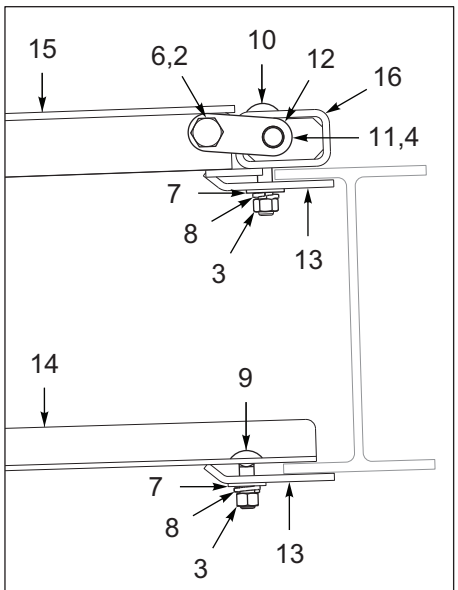
FLOOR WILL FIT UNDER
OPTIONAL CROSSMEMBERS.



LID ASSEMBLY OPTION



FLOOR ASSEMBLY OPTION



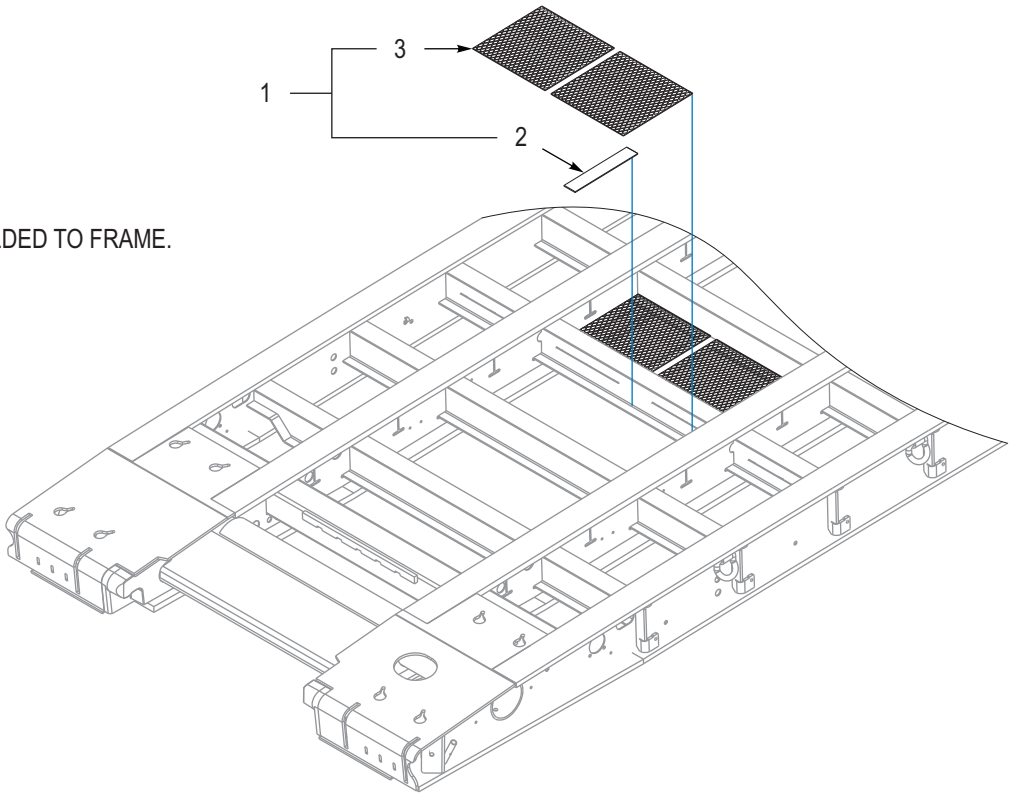
STREETSIDE CUTAWAY VIEW
LID & FLOOR ASSEMBLY

Figure 9-5: Storage, Frame, Front Center, Bolt-In Floor (Options)

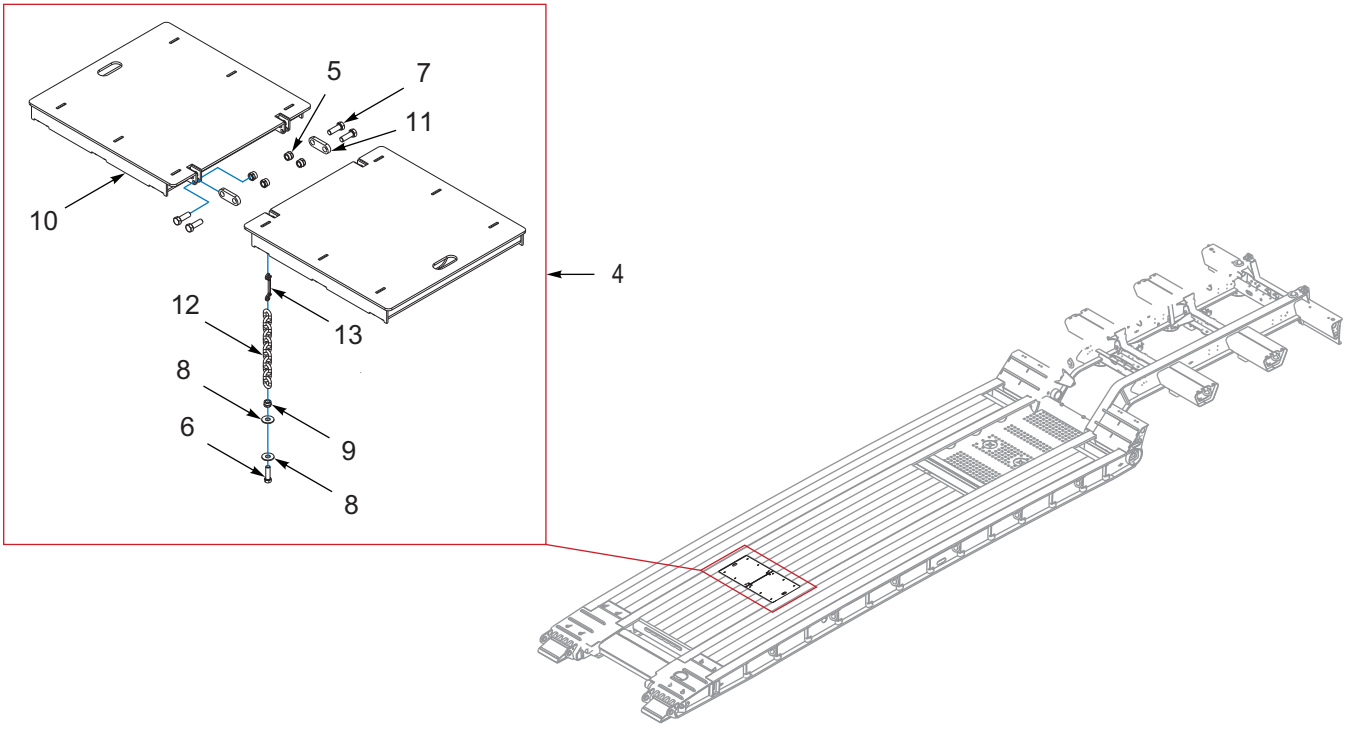
Storage, Frame, Front Center, Bolt-In Floor (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	239070	STOR,CTR BI 21.75 FLR GALV **(OPTION)** **(INCLUDES ITEMS 1, 3, 5, 7-9, 13-14)**	- -
	239141	GALV OF 239129, LID, CTR STOR **(OPTION)** **(INCLUDES ITEMS 2-4, 6-8, 10-13, 15-16)**	- -
1	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	3
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
3	1-512-010007-07	NUT, HEX 3/8-16 GR2 ZP **(FLOOR REQ 8 EACH) (LID REQ 4 EACH)**	- -
4	1-557-010362-40	PIN, COTTER 5/32X1-1/4	2
5	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	3
6	1-654-010055-10	SCREW HEX CAP 1/2-13X3-1/4GR5	2
7	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD **(FLOOR REQ 8 EACH) (LID REQ 4 EACH)**	- -
8	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8 **(FLOOR REQ 8 EACH) (LID REQ 4 EACH)**	- -
9	101864	SCREW,RD HD 3/8-16X1-1/4 GR5	8
10	111361	SCREW RDHDSQNK3/8-16UNCX2-3/4	4
11	118662	PIN CLEVIS 1/2 X 1-27/64	2
12	191535	LINK DOUBLE HINGE	2
13	204749	FLOOR CLIP EXTENDED **(FLOOR REQ 8 EACH) (LID REQ 4 EACH)**	- -
14	239066	GALV OF 239065 FLOOR,21.75	2
15	239140	GALV OF 239121,LID,CTR STOR	1
16	239182	GALV OF239136 CTR DK LID FRAME	1

Storage, Frame, Front Center, Weld-In Floor (Options)



FRONT CENTER OPEN STORAGE (2 SETS DISPLAYED)



COVER STORAGE LID (REQUIRES WOODEN DECKING)

Figure 9-6: Storage, Frame, Front Center, Weld-In Floor (Options)

Storage, Frame, Front Center, Weld-In Floor (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	163776	STORAGE,CTR DK BTW MBRS 855 **(INCLUDES ITEMS 2-3)**	1
1	180759	GALV OF 163776(CTR DK STORAGE) **(INCLUDES ITEMS 2-3)**	1
2	162006	BAR FL 1/4 X 3 X 19-7/8	1
3	162007	SHEET EXP 1-1/2 #6 X 22 X 23	2
4	191529	LID ASSY CTR STORAGE **(INCLUDES ITEMS 5-13)**	1
5	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
6	1-654-010053-05	SCREW HXCP 7/16-14UNCX1-1/2G5	1
7	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
8	1-861-010032-13	WASHER FLAT 7/16	2
9	101988	NUT,HEXSLF-LKG 7/16-14 GRB	1
10	191530	LID WLDMT CTR DECK COMPARTMENT	2
11	191535	LINK DOUBLE HINGE	2
12	2-174-010029	CHAIN LIMIT ROW CROP	1
13	3-707-010001	SNAP, DOUBLE END	1

Storage, Frame, Outrigger Plank (Options)

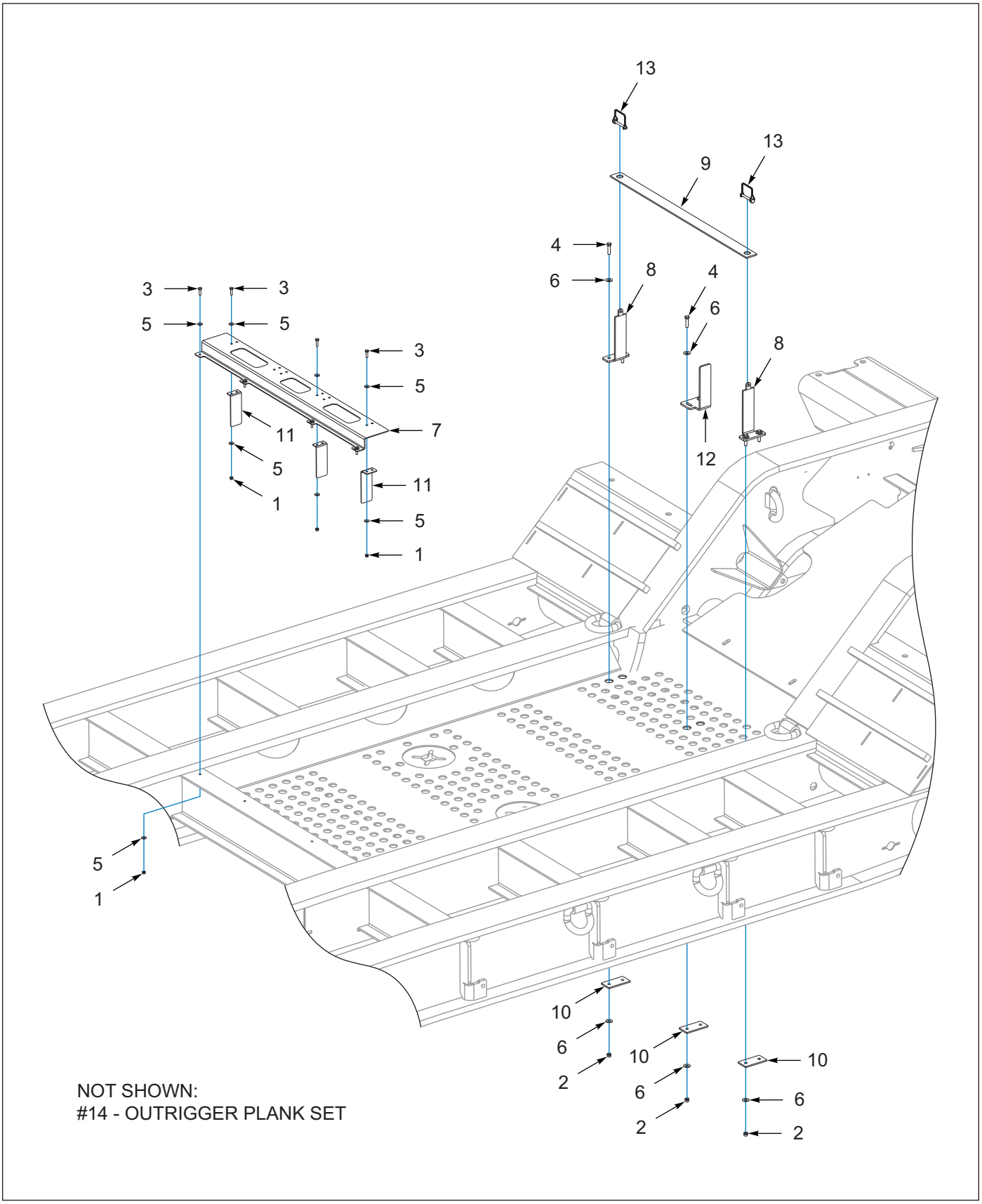
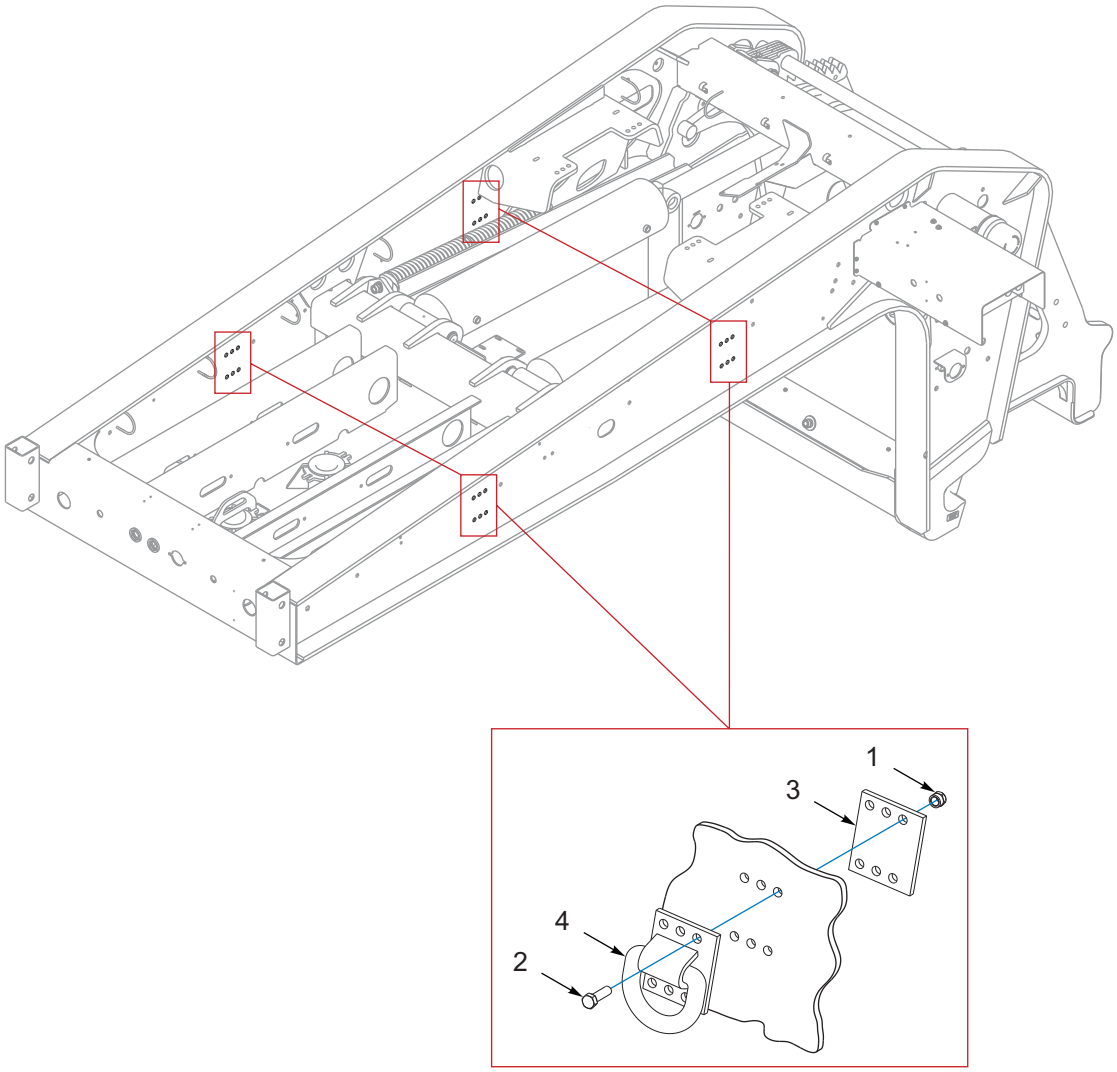


Figure 9-7: Storage, Frame, Outrigger Plank (Options)

Storage, Frame, Outrigger Plank (Options)

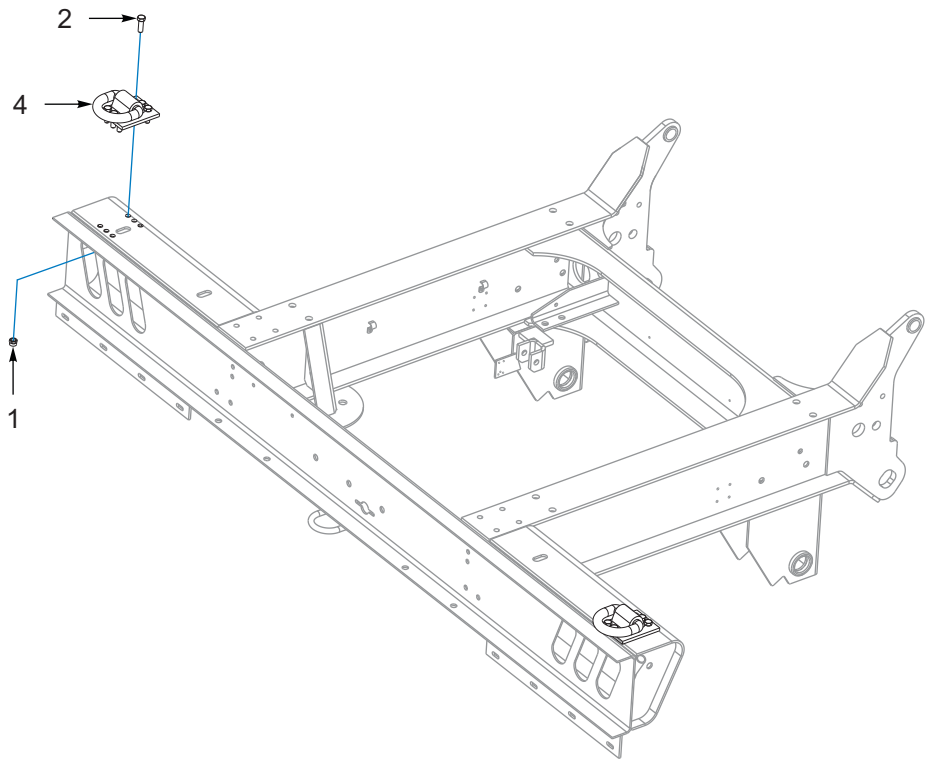
ITEM	PART NUMBER	DESCRIPTION	QTY.
	182180	O/R PLANK STRG (4 OR 8) BM TRO **(STORES 1-2 SETS)**	- -
	180444	O/R PLANK STRGE(12)BOOM TROUGH **(STORES 3 SETS)**	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20 **(182180 REQ 10 EACH) (180444 REQ 8 EACH)**	- -
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16 **(182180 REQ 6 EACH) (180444 REQ 4 EACH)**	- -
3	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5 **(182180 REQ 10 EACH) (180444 REQ 8 EACH)**	- -
4	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2 **(182180 REQ 6 EACH) (180444 REQ 4 EACH)**	- -
5	1-861-010032-07	WASHER,FLAT 1/4 ZP **(182180 REQ 20 EACH) (180444 REQ 16 EACH)**	- -
6	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD **(182180 REQ 12 EACH) (180444 REQ 8 EACH)**	- -
7	180445	BRKT, FRONT LOCK,PLANK STORAGE	1
8	180446	PLATE, REAR, O/R PLANK STORAGE	2
9	180447	PLATE, RETAINER, O/R PLANKS	1
10	180449	BACKING PLATE,O/R PLANKSTORAGE **(182180 REQ 3 EACH) (180444 REQ 2 EACH)**	- -
11	182177	PLATE,RETAINER,PLANK STORAGE **(182180 REQ 3 EACH) (180444 REQ 2 EACH)**	- -
12	182178	PLATE,MID REAR,O/R PLANK STOR **(182180 ONLY)**	1
13	516-22PTL	RETAINING PIN MUD FLAP	2
14	163580	OUTRIGGER PLANK SET FOR 855 **(NOT SHOWN)** **(2-3/4” X 5" X 84" LONG, SET OF 4)**	1

Tie Down, D-Ring Bolt On (Options)



OPTIONAL BOLT-ON
D-RING LOCATIONS

Figure 9-8: Tie Down, D-Ring Bolt On (Options) (1 of 2)



OPTIONAL FLIP AXLE
BOLT-ON D-RING LOCATIONS

Figure 9-9: Tie Down, D-Ring Bolt On (Options) (2 of 2)

Tie Down, D-Ring Bolt On (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	111390	D-RING ASSY BOLT-ON 825	- -
	3-793-010041	TIE DOWN INSTL,WINCH D-RING	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB **(FLIP AXLE BED, REQ 24 EACH)**	12
2	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	12
3	111382	MOUNT, TIE DOWN BLACK **(GOOSENECK AND FRAME ONLY)**	2
4	3-793-010040	TIE DOWN, WINCH	2

System, Air

Gooseneck Assembly, 10' 9' & 12' 5" Standard Duty

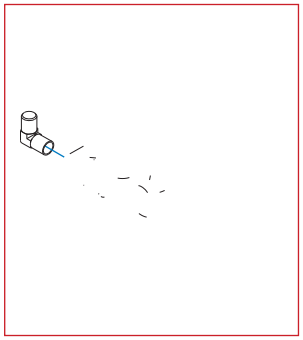


Figure 10-1: Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty (1 of 3)

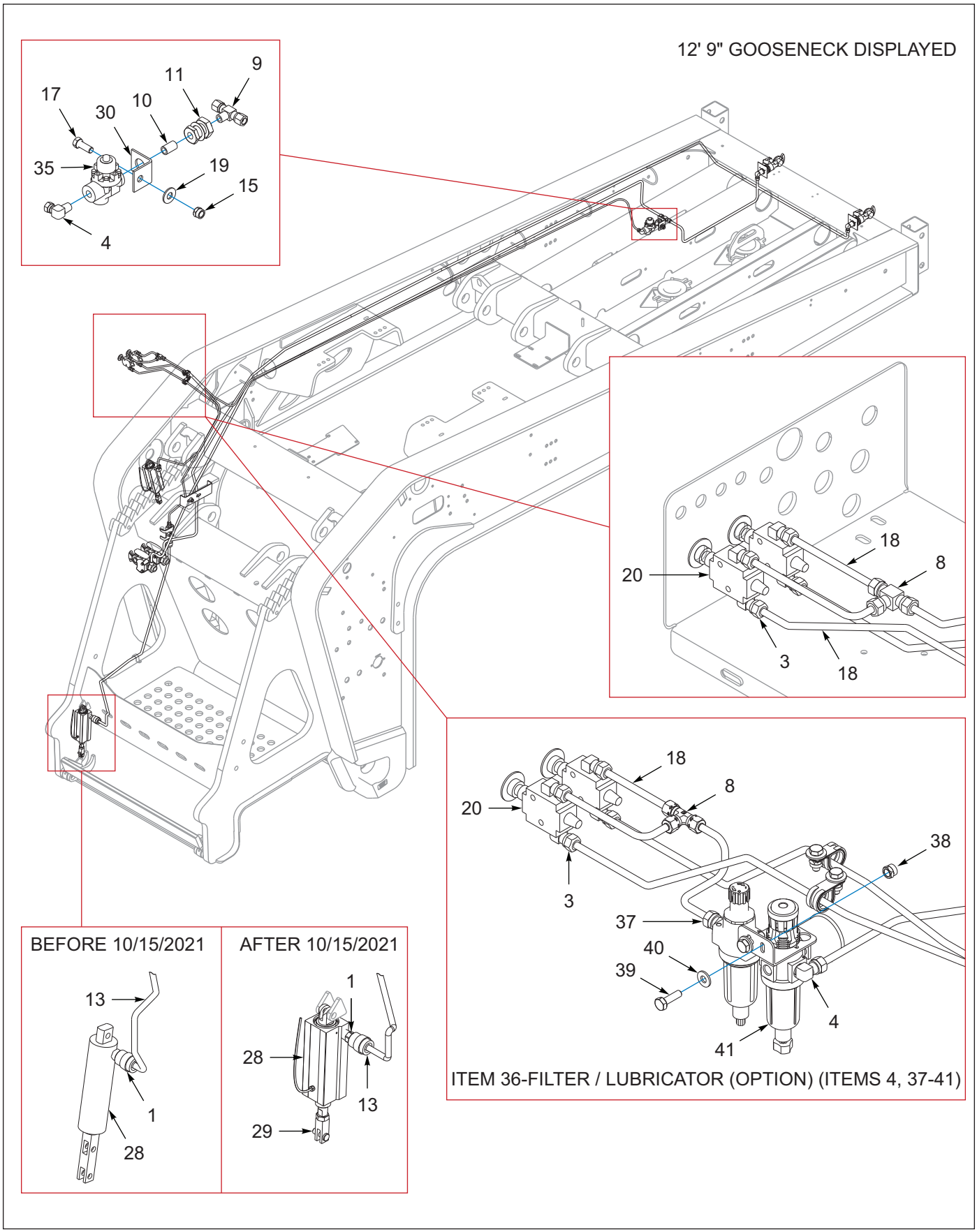


Figure 10-2: Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty (2 of 3)

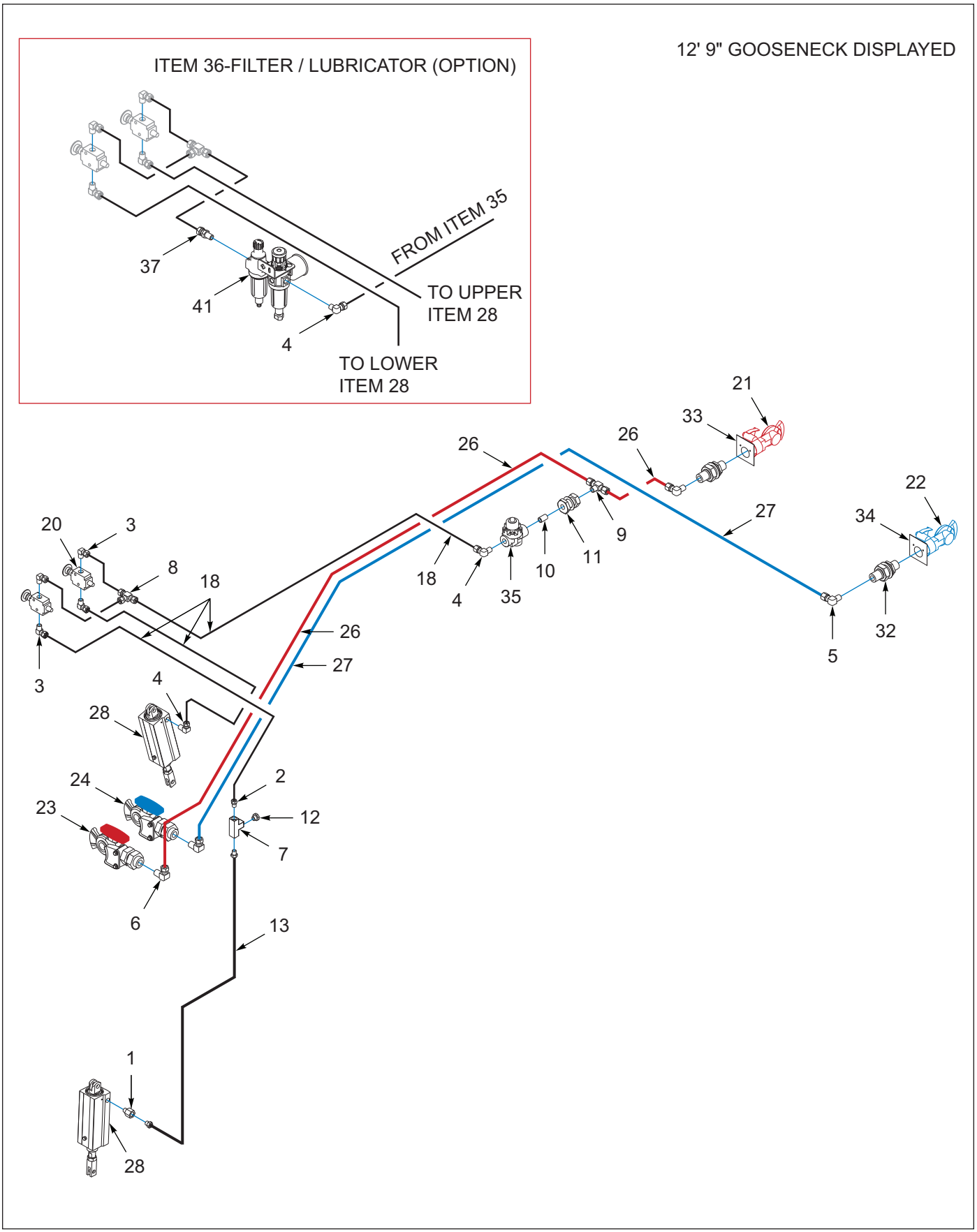


Figure 10-3: Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty (3 of 3)

Gooseneck Assembly, 10' 9" & 12' 5' Standard Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	197670	GOOSENECK ASSY 855E 12'5"	- -
	200030	GOOSENECK ASSY 855E 10' 9"	- -
	208616	GOOSENECK ASSY 855E 10'9"W/FLP	- -
1	1-297-010004-04	FITTING,BRS PIPE,ADPTR3/8X1/4	1
2	1-297-010007-06	FITTING,AIR,1/4TUBE TO 3/8NPT	1
3	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT	4
4	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT **(W/ OPTION ITEM 36 REQUIRES 3 EACH)**	2
5	1-297-010008-18	FITTING,AIR 90 3/8TUBEX1/4NPT **(BEFORE 02/17/2022)**	2
5	1-297-010008-23	FITTING,AIR 90 1/2TUBEX3/8NPT **(AFTER 02/17/2022)**	2
6	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT **(BEFORE 02/17/2022)**	2
6	1-297-010012-16	FITTING,AIR,FEM CONN1/2T-1/2P **(AFTER 02/17/2022)**	2
7	1-297-010009-03	FITTING,AIR,PIPE TEE 3/8	1
8	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	1
9	1-297-010015-06	FITTING,AIR,BR TEE 3/8T-1/4P **(BEFORE 02/17/2022)**	1
9	1-297-010015-09	FITTING,AIR,BR TEE 1/2T-1/4P **(AFTER 02/17/2022)**	1
10	1-297-010020-02	FITTING,BRS PIPE,CL NIP 1/4	1
11	1-297-010022-02	FITTING,AIR ANCHR CPLG,1/4NPT	1
12	1-297-010033-03	FITTING,BRASS PLUG HEX 3/8NPT	1
13	1-384-010038060	HOSE ASM AIR 3/8X60,W/3/8 END	1
14	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	2
15	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	1
16	1-560-010002-02	PLUG, PIPE, 1/4NPT	1
17	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	1
18	1-833-010001	TUBING NYLON 1/4 OD **(BLACK)**	11
19	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	1
20	107887	VALVE AIR PUSH BUTTON **(INCLUDES KNOB 213332)**	2
21	108801	GLAD HAND-RED-AIR **(INCLUDES SEAL 209133)**	1
22	108802	GLAD HAND-BLUE-AIR **(INCLUDES SEAL 209133)**	1
23	117838	GLAD HAND W/SHUTOFF EMERGENCY **(RED) (INCLUDES SEAL 209133)**	1
24	117839	GLAD HAND W/SHUTOFF SERVICE **(BLUE) (INCLUDES SEAL 209133)**	1
25	138814	HOSE CLAMP NOTCHED	1
26	184441	TUBING 3/8 RED **(BY THE FOOT) (BEFORE 02/17/2022)**	15
26	236560	TUBING AIR 1/2 RED **(BY THE FOOT) (AFTER 02/17/2022)**	15
27	184442	TUBING 3/8 BLUE **(BY THE FOOT) (BEFORE 02/17/2022)**	15
27	240051	TUBING AIR 1/2 BLUE **(BY THE FOOT) (AFTER 02/17/2022)**	15
28	3-238-010007	CYLINDER AIR 1-3/4 BORE **(BEFORE 10/15/2021)**	- -
28	235683	CYL AIR 1-3/4 BORE W ROD WIPER **(AFTER 10/15/2021) (INCLUDES ITEM 29, CLEVIS BRACKET, PIVOT & COTTER PIN) (CYLINDER COMPONENTS - SEE PAGE 10-57)**	2
29	239780	CLEVIS BRACKET AND PIN KIT **(AFTER 10/15/2021) (INCLUDED WITH ITEM 28) (PER CYLINDER)**	1
30	3-120-010445	BRACKET,PRESSURE REGULATOR660	1
31	3-181-010006	HOSE CLAMP 350	1
32	55B61	FRAME UNION	2
33	55B61-6	TAG EMER LINE VELVAC 035025	1
34	55B61-7	TAG SERVICE LINE VELVC 035026	1

Gooseneck Assembly, 10' 9" & 12' 5' Standard Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
35	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES FILTER 167692)**	1
36	226980	FILTER/REG/LUB,AIR,800 G/N F.I **(OPTION INCLUDES ITEMS 4, 37-41)**	1
37	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT **(INCLUDED WITH ITEM 36)**	1
38	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20 **(INCLUDED WITH ITEM 36)**	2
39	1-654-010047-05	SCREW, HX CP 1/4-20UNCx7/8 GR5 **(INCLUDED WITH ITEM 36)**	2
40	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD **(INCLUDED WITH ITEM 36)**	2
41	191578	FILTER/REG/LUB ASSY,ARCTIC KIT **(INCLUDED WITH ITEM 36)**	1

Table provided for general use.

NOTES:

Gooseneck Assembly, Heavy Duty

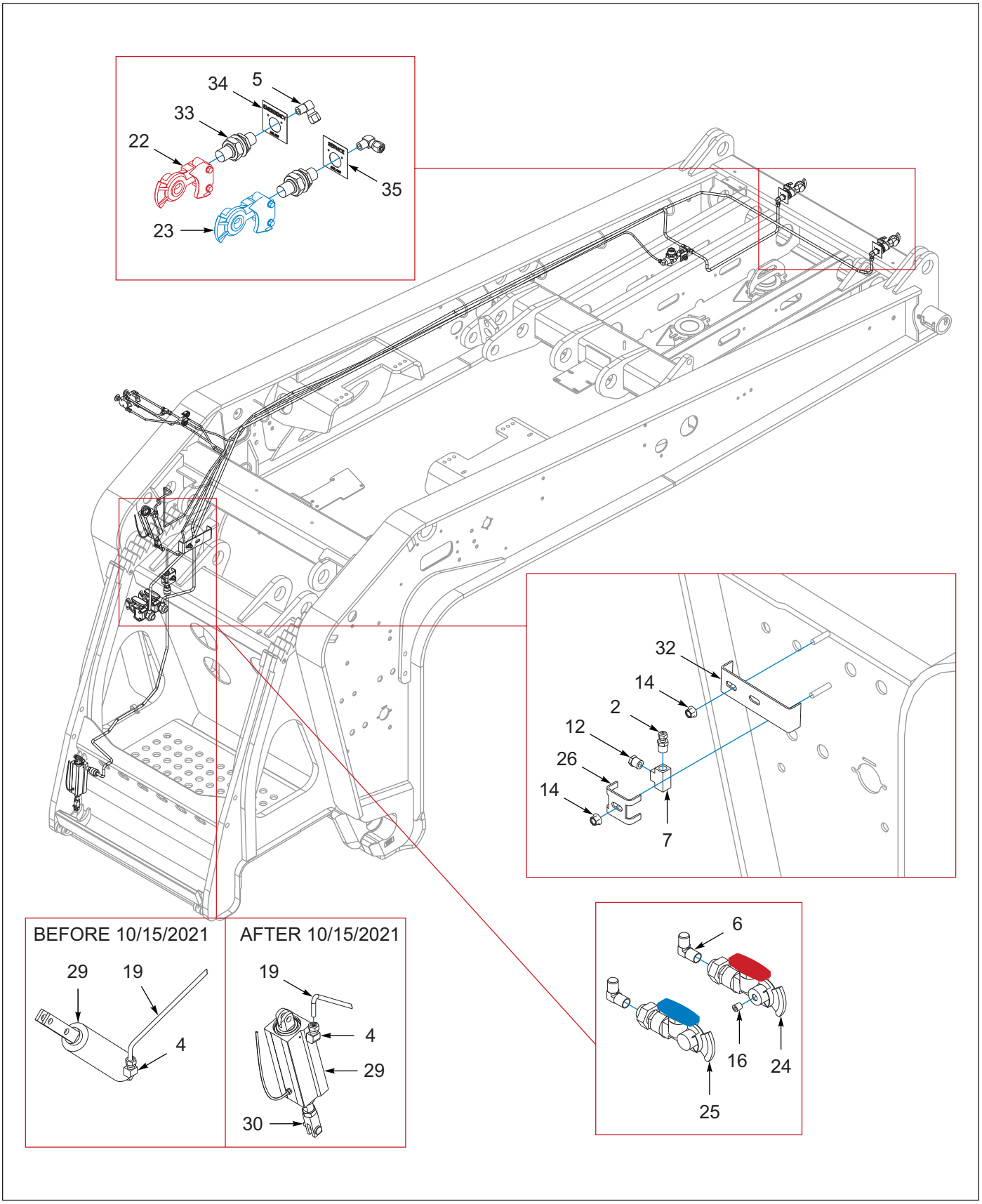


Figure 10-4: Gooseneck Assembly, Heavy Duty (1 of 3)

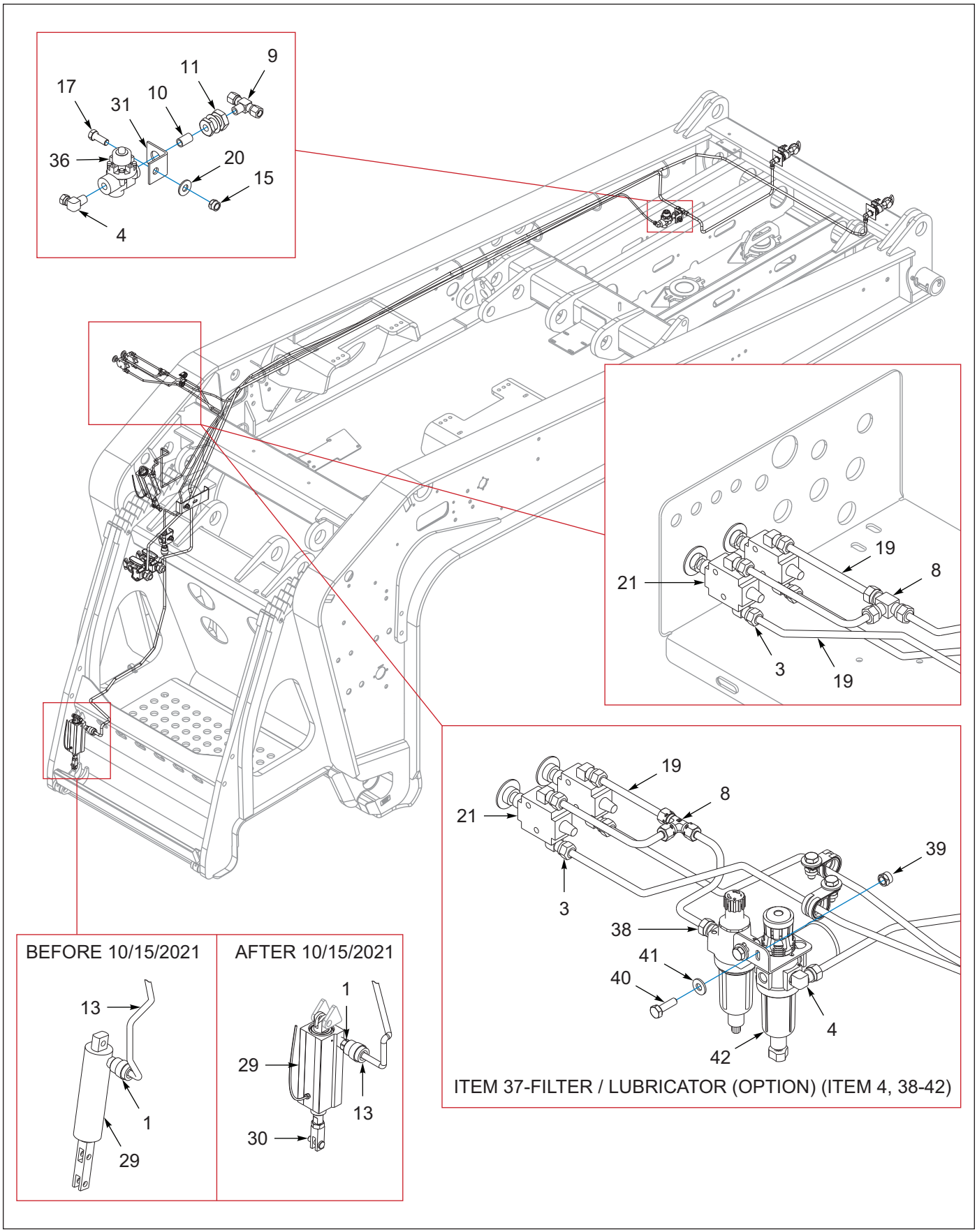


Figure 10-5: Gooseneck Assembly, Heavy Duty (2 of 3)

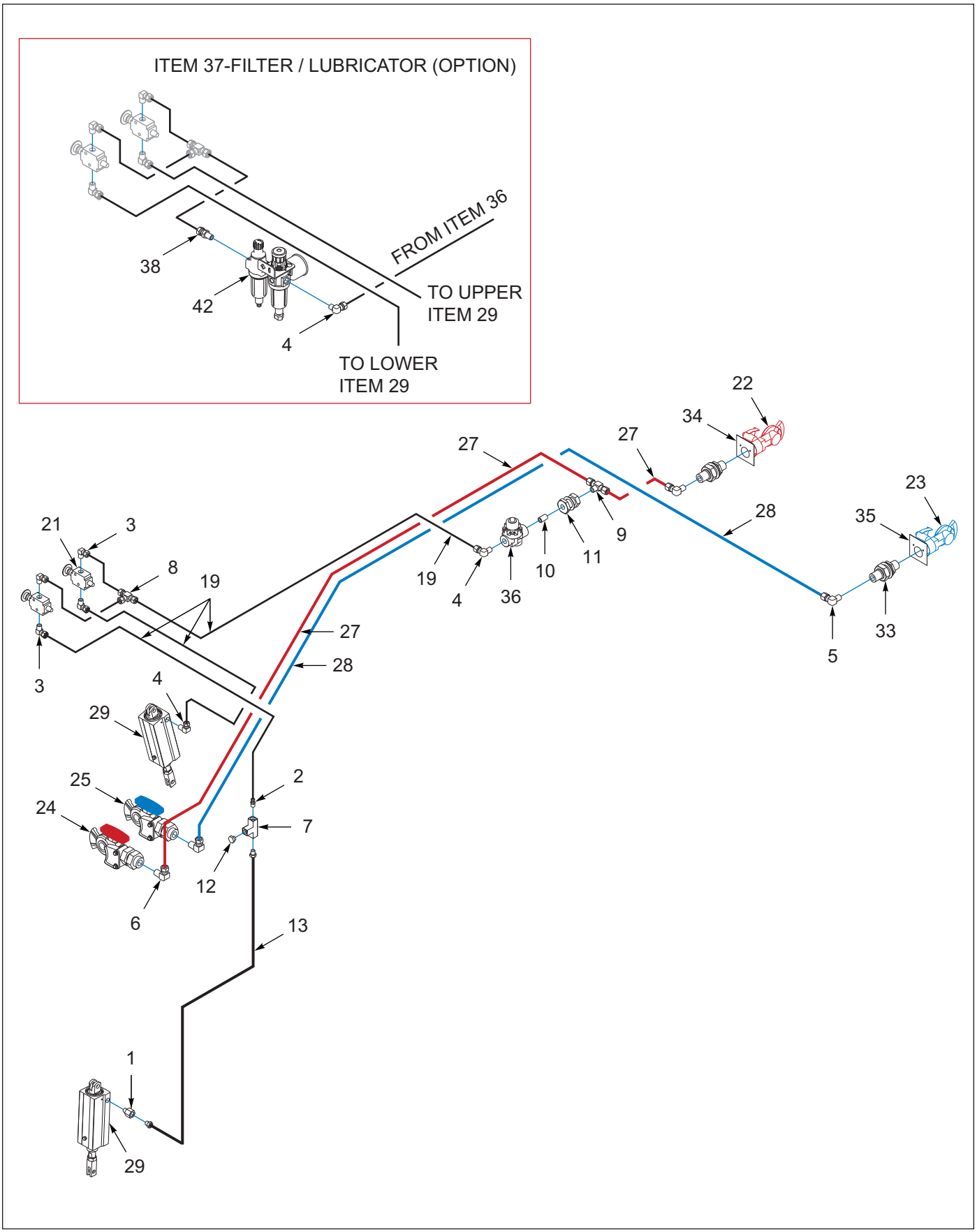


Figure 10-6: Gooseneck Assembly, Heavy Duty (3 of 3)

Gooseneck Assembly, Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	199980	GOOSENECK ASSY 855E-HD	- -
1	1-297-010004-04	FITTING,BRS PIPE,ADPTR3/8X1/4	1
2	1-297-010007-06	FITTING,AIR,1/4TUBE TO 3/8NPT	1
3	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT	4
4	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT **(W/ OPTION ITEM 35 REQUIRES 3 EACH)**	2
5	1-297-010008-18	FITTING,AIR 90 3/8TUBEX1/4NPT **(BEFORE 02/17/2022)**	2
5	1-297-010008-23	FITTING,AIR 90 1/2TUBEX3/8NPT **(AFTER 02/17/2022)**	2
6	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT **(BEFORE 02/17/2022)**	2
6	1-297-010012-16	FITTING,AIR,FEM CONN1/2T-1/2P **(AFTER 02/17/2022)**	2
7	1-297-010009-03	FITTING,AIR,PIPE TEE 3/8	1
8	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	1
9	1-297-010015-06	FITTING,AIR,BR TEE 3/8T-1/4P **(BEFORE 02/17/2022)**	1
9	1-297-010015-09	FITTING,AIR,BR TEE 1/2T-1/4P **(AFTER 02/17/2022)**	1
10	1-297-010020-02	FITTING,BRS PIPE,CL NIP 1/4	1
11	1-297-010022-02	FITTING,AIR ANCHR CPLG,1/4NPT	1
12	1-297-010033-03	FITTING,BRASS PLUG HEX 3/8NPT	1
13	1-384-010038060	HOSE ASM AIR 3/8X60,W/3/8 END	1
14	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	2
15	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	3
16	1-560-010002-02	PLUG, PIPE, 1/4NPT	1
17	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	1
18	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	2
19	1-833-010001	TUBING NYLON 1/4 OD **(BLACK)**	11
20	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	1
21	107887	VALVE AIR PUSH BUTTON **(INCLUDES KNOB 213332)**	2
22	108801	GLAD HAND-RED-AIR **(INCLUDES SEAL 209133)**	1
23	108802	GLAD HAND-BLUE-AIR **(INCLUDES SEAL 209133)**	1
24	117838	GLAD HAND W/SHUTOFF EMERGENCY **(RED) (INCLUDES SEAL 209133)**	1
25	117839	GLAD HAND W/SHUTOFF SERVICE **(BLUE) (INCLUDES SEAL 209133)**	1
26	138814	HOSE CLAMP NOTCHED	1
27	184441	TUBING 3/8 RED **(BY THE FOOT) (BEFORE 02/17/2022)**	20
27	236560	TUBING AIR 1/2 RED **(BY THE FOOT) (AFTER 02/17/2022)**	20
28	184442	TUBING 3/8 BLUE **(BY THE FOOT) (BEFORE 02/17/2022)**	20
28	240051	TUBING AIR 1/2 BLUE **(BY THE FOOT) (AFTER 02/17/2022)**	20
29	3-238-010007	CYLINDER AIR 1-3/4 BORE **(BEFORE 10/15/2021)**	- -
29	235683	CYL AIR 1-3/4 BORE W ROD WIPER **(AFTER 10/15/2021) (INCLUDES ITEM 30, CLEVIS BRACKET, PIVOT & COTTER PIN) (CYLINDER COMPONENTS - SEE PAGE 10-57)**	2
30	239780	CLEVIS BRACKET AND PIN KIT **(AFTER 10/15/2021) (INCLUDED WITH ITEM 29) (PER CYLINDER)**	1
31	3-120-010445	BRACKET,PRESSURE REGULATOR660	1
32	3-181-010006	HOSE CLAMP 350	1
33	55B61	FRAME UNION	2
34	55B61-6	TAG EMER LINE VELVAC 035025	1
35	55B61-7	TAG SERVICE LINE VELVC 035026	1
36	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES FILTER 167692)**	1

Gooseneck Assembly, Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
37	226980	FILTER/REG/LUB,AIR,800 G/N F.I **(OPTION INCLUDES ITEMS 4, 38-42)**	1
38	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT **(INCLUDED WITH ITEM 37)**	1
39	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20 **(INCLUDED WITH ITEM 37)**	2
40	1-654-010047-05	SCREW, HX CP 1/4-20UNCx7/8 GR5 **(INCLUDED WITH ITEM 37)**	2
41	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD **(INCLUDED WITH ITEM 37)**	2
42	191578	FILTER/REG/LUB ASSY,ARCTIC KIT **(INCLUDED WITH ITEM 37)**	1

Table provided for general use.

NOTES:

Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

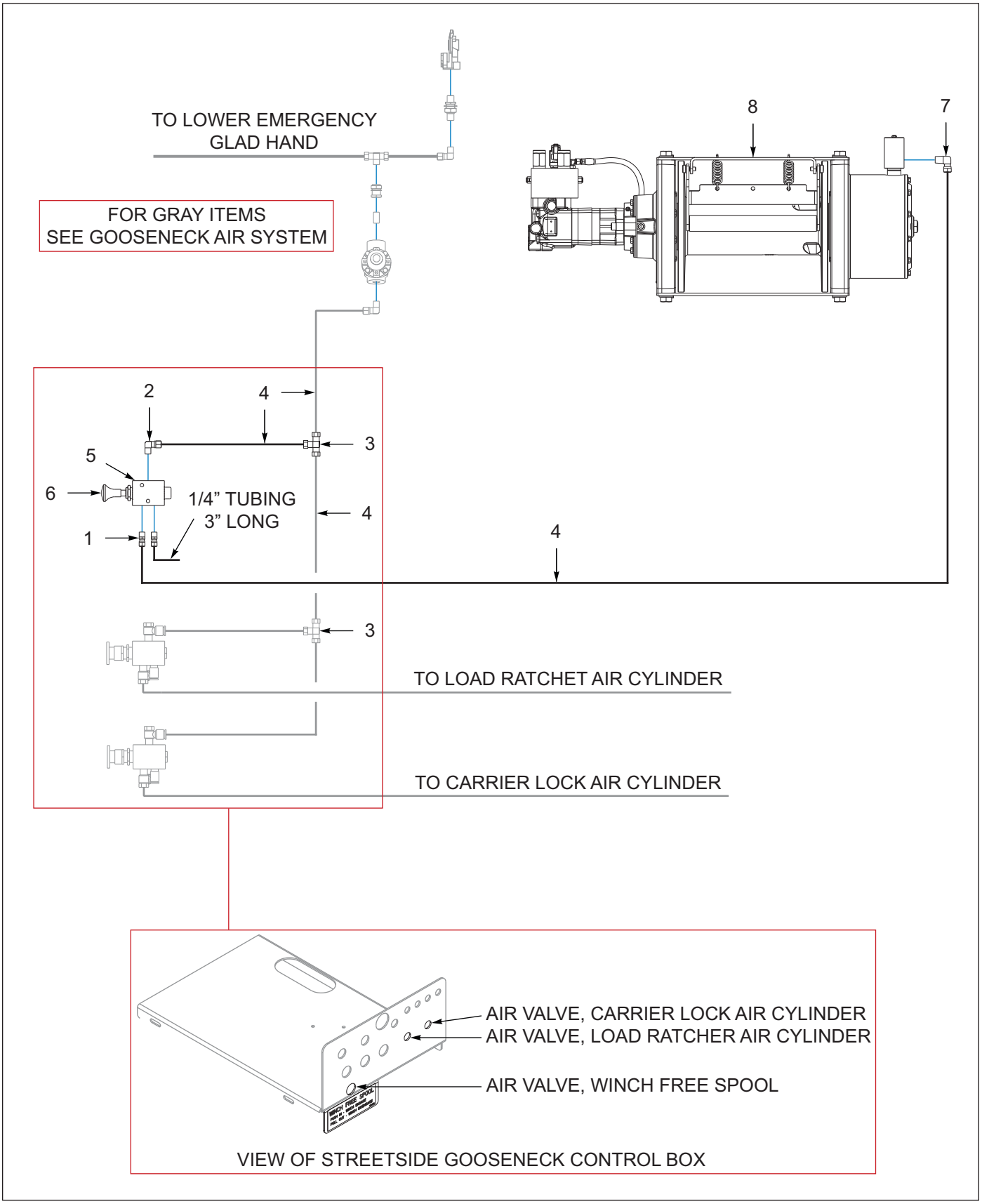


Figure 10-7: Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	245567	WINCH INSTL 20K BRADEN 2S 855E **(20K)**	- -
	- - - - -	WINCH INSTL 30K BRADEN 2SPD **(30K)**	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	2
2	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT	1
3	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	1
4	1-833-010001	TUBING NYLON 1/4 OD **(BLACK) (BY THE FOOT)**	12
5	134657	VALVE AIR 3WAY/2POS 1/4NPT **(INCLUDES ITEM 6)**	1
6	201635	KNOB FOR 3WAY/2POS AIR VALVE **(INCLUDED WITH ITEM 5)**	1
7	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT	1
8	239740	WINCH 20K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-16)** **(SYSTEM, ELECTRICAL -SYSTEM, ELECTRICAL - SEE PAGE 11-11)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-11)** **(WINCH MOUNTING - SEE PAGE 8-3)**	1
8	239745	WINCH 30K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-16)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-11)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-11)** **(WINCH MOUNTING - SEE PAGE 8-3)**	1

Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

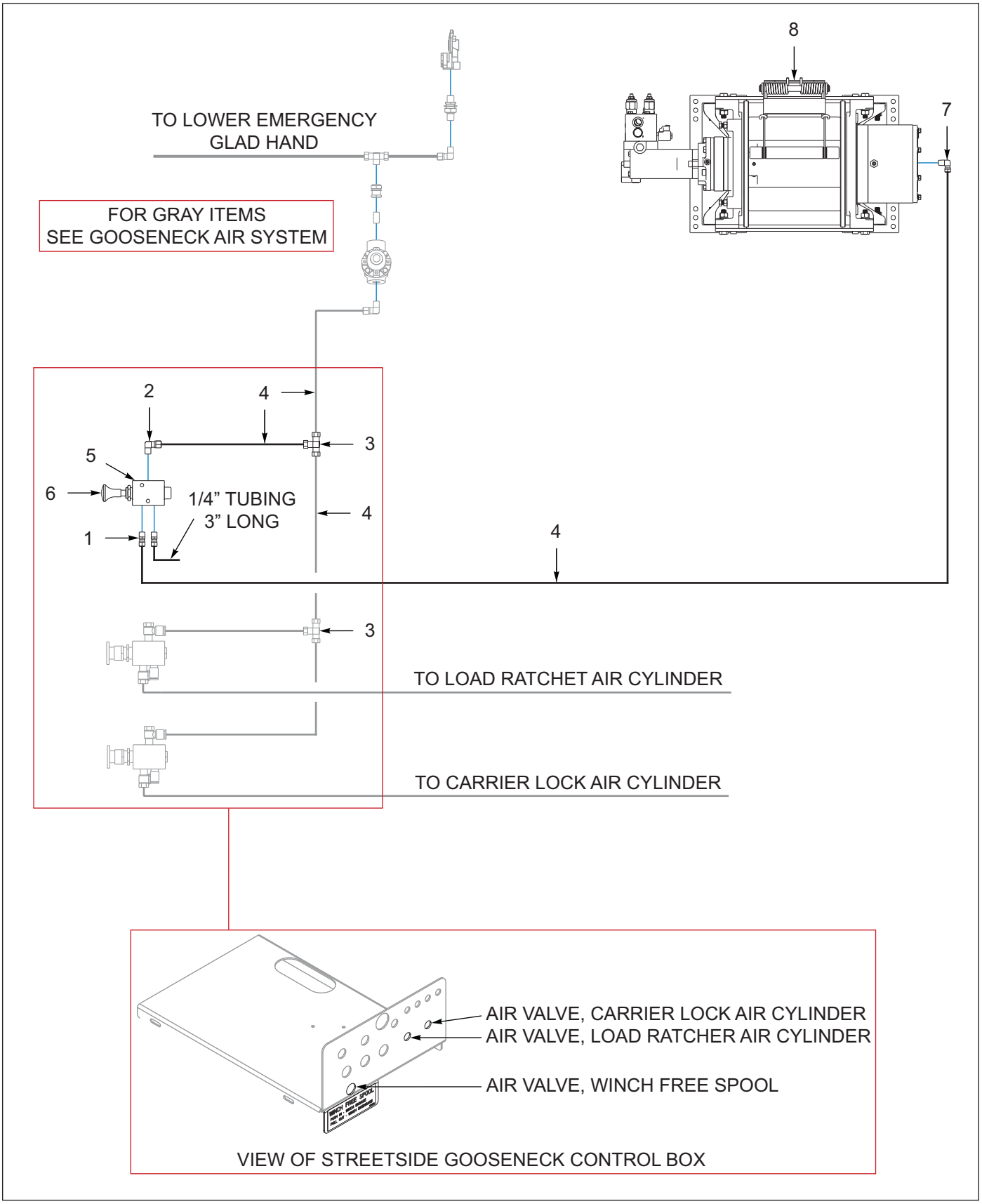


Figure 10-8: Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	242730	WINCH INSTL 20K RAMSEY 855E	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	2
2	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT	1
3	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	1
4	1-833-010001	TUBING NYLON 1/4 OD **(BLACK) (BY THE FOOT)**	12
5	134657	VALVE AIR 3WAY/2POS 1/4NPT **(INCLUDES ITEM 6)**	1
6	201635	KNOB FOR 3WAY/2POS AIR VALVE **(INCLUDED WITH ITEM 5)**	1
7	102-0188	FTG,90 EL 04SAEM X 04 O-RING	1
8	240526	WINCH 20K RAMSEY 2 SPEED	1
		(DECALS - SEE PAGE 1-16)	
		(SYSTEM, ELECTRICAL - SEE PAGE 11-13)	
		(SYSTEM, HYDRAULIC - SEE PAGE 12-13)	
		(WINCH MOUNTING - SEE PAGE 8-5)	

Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option)

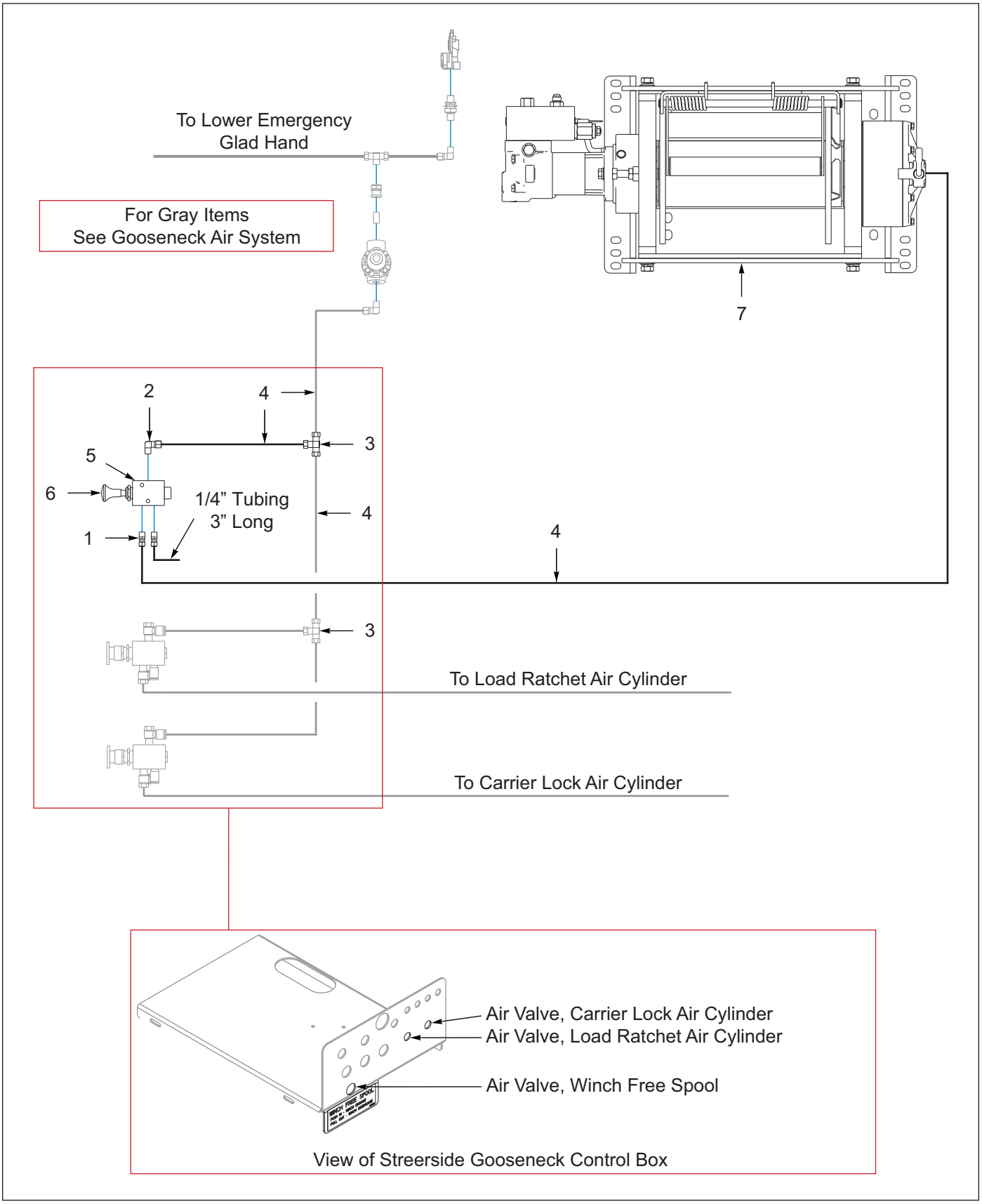


Figure 10-9: Gooseneck, Winch Installation, Warn 20/30K 2 Speed (Option)

Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	212154	WINCH INSTL 20K WARN 855E	- -
	205329	WINCH INSTL 30K WARN 855E	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	2
2	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT	1
3	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	1
4	1-833-010001	TUBING NYLON 1/4 OD **(BLACK) (BY THE FOOT)**	12
5	134657	VALVE AIR 3WAY/2POS 1/4NPT **(INCLUDES ITEM 6)**	1
6	201635	KNOB FOR 3WAY/2POS AIR VALVE **(INCLUDED WITH ITEM 5)**	1
7	204959	WINCH ASSY WARN 20K 800 **(DECALS - SEE PAGE 1-16)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-15)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-15)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1
7	204958	WINCH ASSY WARN 30K 800 **(DECALS - SEE PAGE 1-16)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-15)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-15)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1

Anti-Lock Brake System, 855 & 860

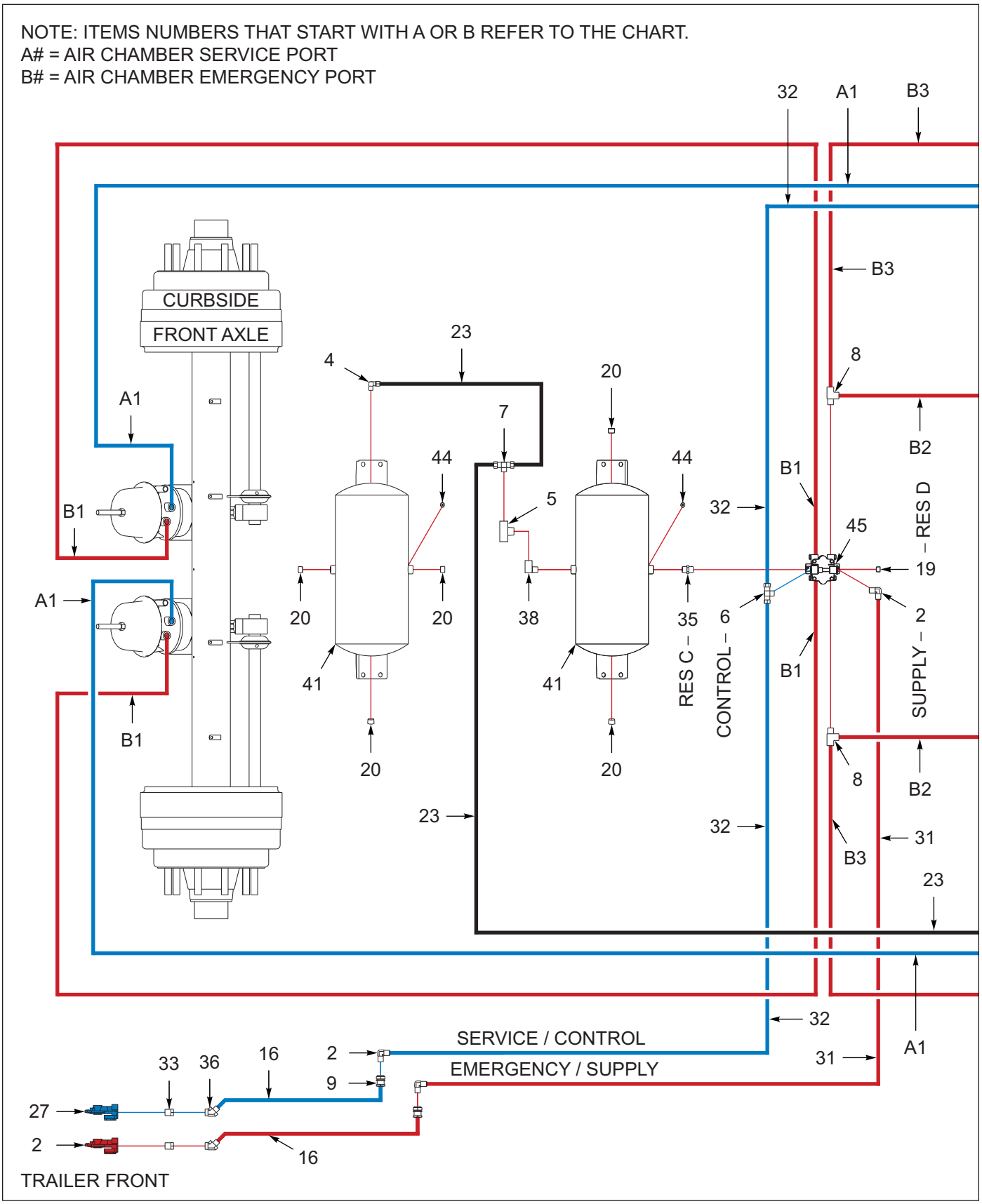


Figure 10-10: Anti-Lock Brake System, 855 & 860 (1 of 3)

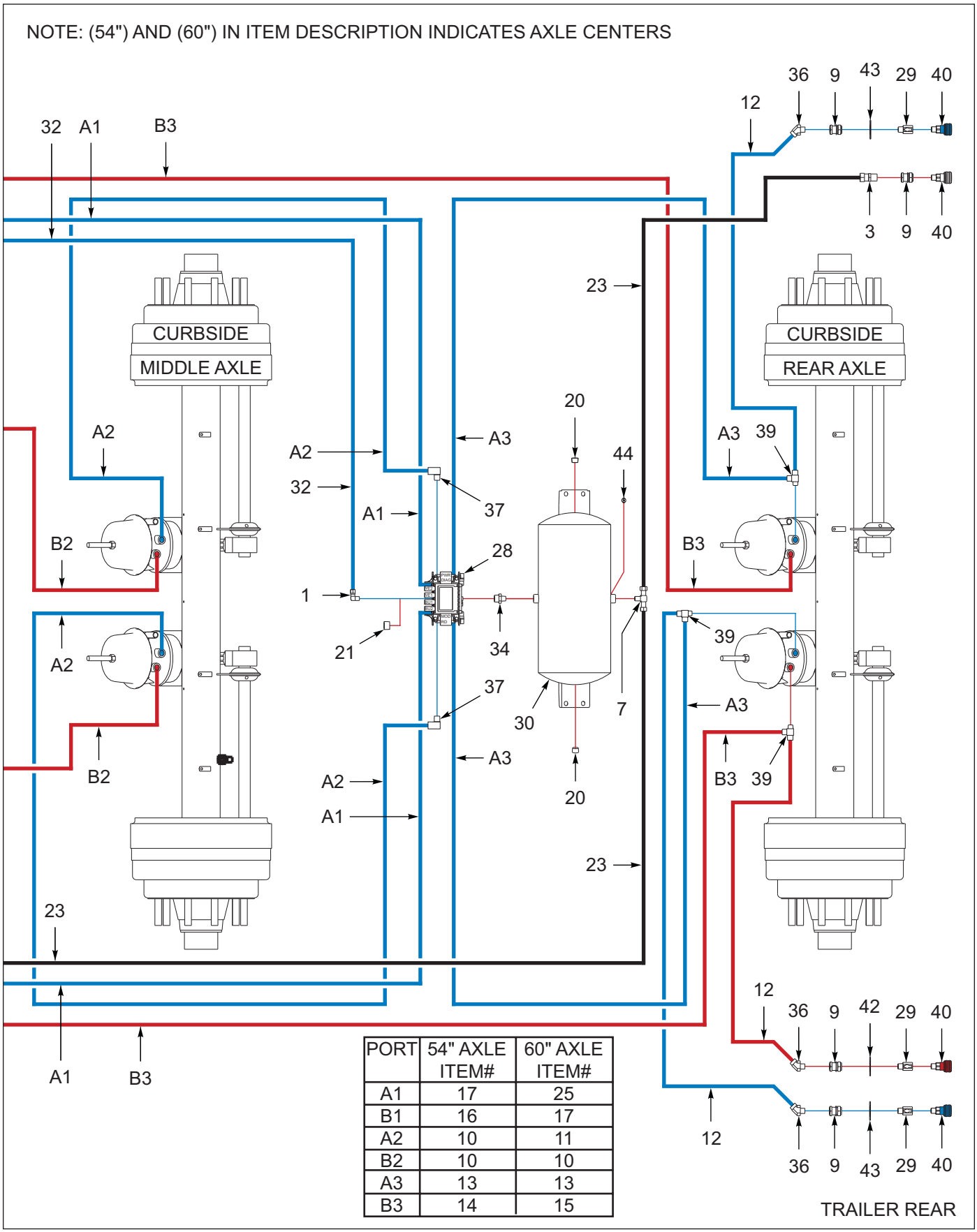
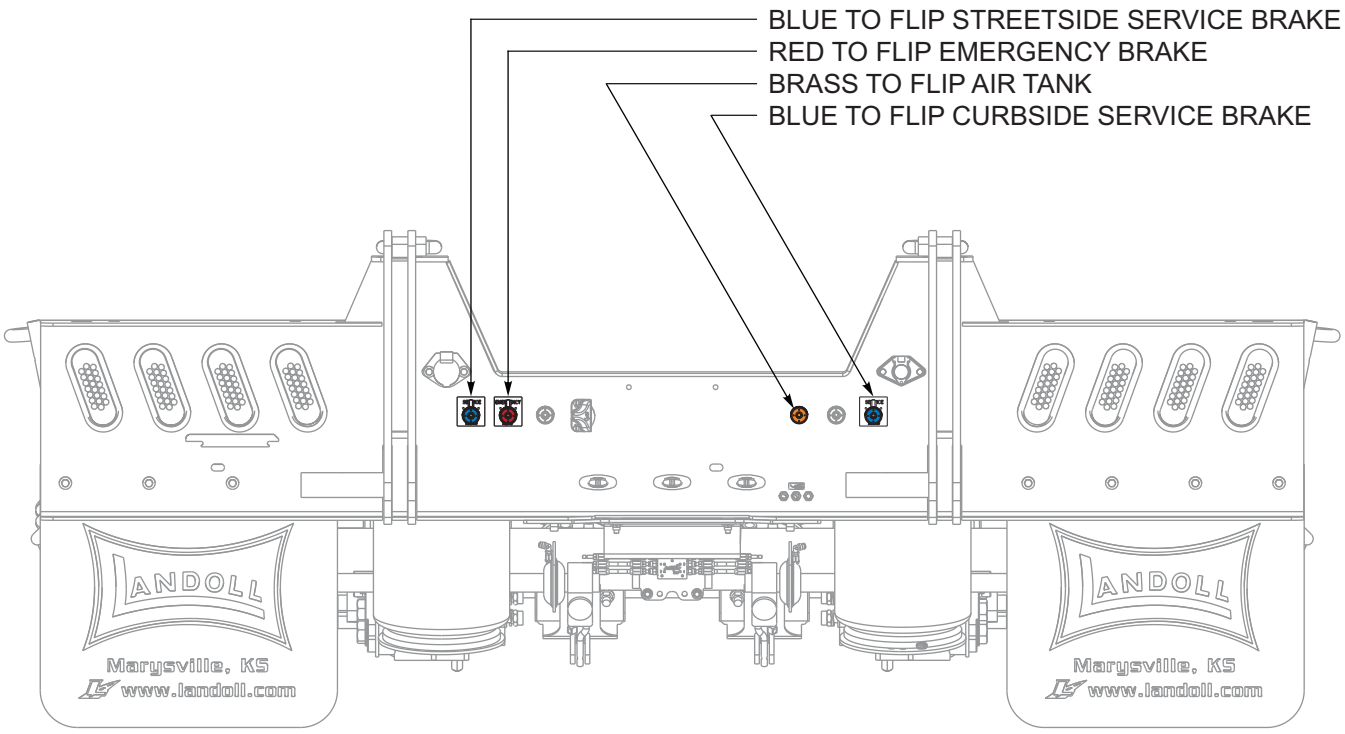
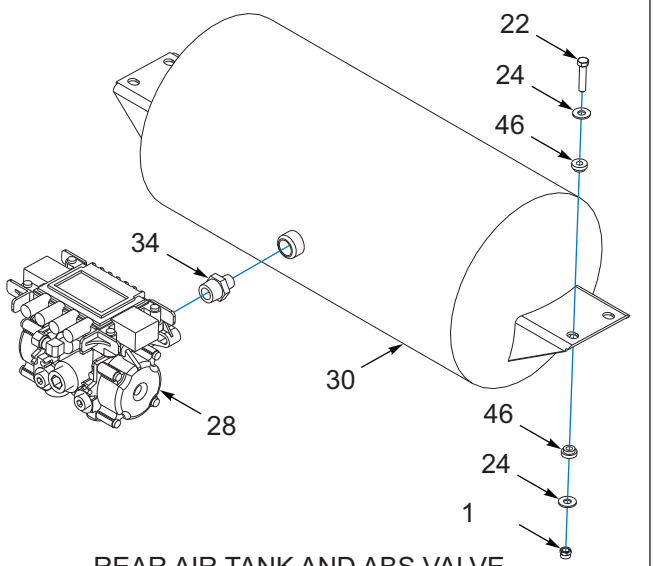


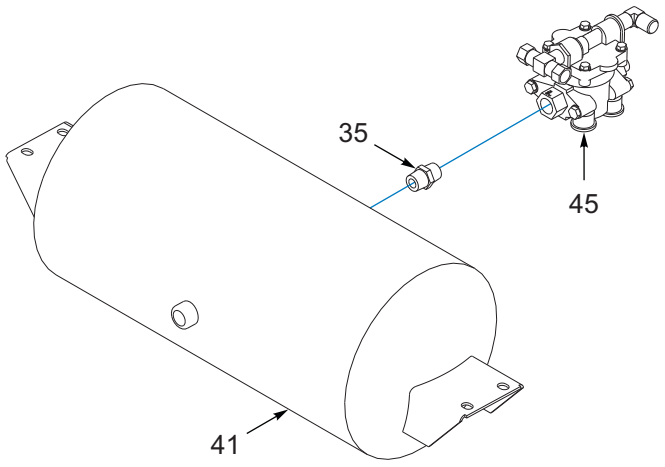
Figure 10-11: Anti-Lock Brake System, 855 & 860 (2 of 3)



VIEW OF REAR BUMPER



REAR AIR TANK AND ABS VALVE



CENTER AIR TANK AND 4-PORT VALVE

Figure 10-12: Anti-Lock Brake System, 855 & 860 (3 of 3)

Anti-Lock Brake System, 855 & 860

ITEM	PART NUMBER	DESCRIPTION	QTY.
	231421	FRAME ASSY 855F-25 60AX **(25')**	- -
	227018	FRAME ASSY 855F-26 54AX **(26')**	- -
	230063	FRAME ASSY 855F-26 54AX DS **(26' DROPSIDE)**	- -
	230573	FRAME ASSY 855-27.5 54AX **(27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26' HYDRAULIC FLIP)**	- -
	232592	FRAME ASSY 855-27.5 54AX HF **(27.5' HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5')**	- -
	227056	FRAME ASSY 860HD-26-54AX **(26.5')**	- -
1	1-297-010008-18	FITTING,AIR 90 3/8TUBEX1/4NPT	1
2	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	3
3	1-297-010008-23	FITTING,AIR 90 1/2TUBEX3/8NPT	1
4	1-297-010008-24	FITTING,AIR 90 1/2TUBEX1/2NPT	1
5	1-297-010017-04	FITTING,BRS PIPE M/BR TEE 1/2	1
6	1-297-010015-07	FITTING,AIR,BR TEE 3/8T-3/8P	1
7	1-297-010015-11	FITTING,AIR,BR TEE 1/2T-1/2P	2
8	1-297-010018-03	FITTING,3/8 BRASS PIPE,ST TEE	2
9	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT	6
10	1-384-010038024	HOSE ASM AIR 3/8X24,W/3/8 END **(54" AX REQ 4 EACH) (60" AX REQ 2 EACH)**	- -
11	1-384-010038030	HOSE ASM AIR 3/8X30,W/3/8 END **(60" AX ONLY)**	2
12	1-384-010038054	HOSE ASM AIR 3/8X54,W/3/8 END **(54" & 60" AXLES)**	3
13	1-384-010038060	HOSE ASM AIR 3/8X60,W/3/8 END **(54" & 60" AXLES)**	2
14	1-384-010038072	HOSE ASM AIR 3/8X72,W/3/8 END **(54" AX ONLY)**	2
15	1-384-010038076	HOSE ASM AIR 3/8X76,W/3/8 END **(60" AX ONLY)**	2
16	1-384-010038084	HOSE ASM AIR 3/8X84,W/3/8 END **(54" AX REQ 4 EACH INCLUDEING B1 FROM TABLE)** **(60" AX REQ 2 EACH)**	- -
17	1-384-010038090	HOSE ASM AIR 3/8X90,W/3/8 END **(54" & 60" AXLES)**	2
18	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	12
19	1-560-010002-03	PLUG, PIPE, 3/8NPTF	1
20	1-560-010002-04	PLUG, PIPE, 1/2NPT	7
21	1-560-010002-05	PLUG,PIPE, 3/4-14NPTF	1
22	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	12
23	1-833-010003	TUBING NYLON 1/2 OD **(BLACK) (BY THE FOOT)**	20
24	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	24
25	103738	HOSE ASM AIR 3/8X100,W/3/8 END **(60" AX ONLY)**	2
26	108801	GLAD HAND-RED-AIR **(INCLUDES SEAL 209133)**	1
27	108802	GLAD HAND-BLUE-AIR **(INCLUDES SEAL 209133)**	1
28	114588	ECU/VALVE ASSEMBLY 4S/2M **(INCLUDED WITH ABS KIT - SEE PAGE 11-43)**	1
29	163578	VALVE MINI BALL AIR 3/8NPT	3
30	171664	AIR TANK MODIFY BRKT	1
31	184441	TUBING 3/8 RED **(BY THE FOOT)**	40
32	184442	TUBING 3/8 BLUE **(BY THE FOOT)**	46
33	2081-8-6S	REDUCER 1/2NPT X 3/8NPT	2
34	2083-12-8S	NIPPLE 3/4NPTX1/2NPT	1
35	2083-8-8S	NIPPLE 1/2NPTX1/2NPT	1
36	2088-6-6S	ADAPTER 45 3/8MPTX3/8FPT	5
37	2089-6-6S	ADAPTER 90 3/8MPTX3/8FPT	2

Anti-Lock Brake System, 855 & 860

ITEM	PART NUMBER	DESCRIPTION	QTY.
38	2089-8-8S	ADAPTER 90 1/2MPTX1/2FPT	1
39	2092-6-6S	TEE,#6NPT,1MALE, 2 FEMALE	3
40	3-220-010004	COUPLER AIR FEMALE 3/8-18MPT **(PAINTED BY CUSTOMER)**	4
41	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS	2
42	55B61-6	TAG EMER LINE VELVAC 035025	1
43	55B61-7	TAG SERVICE LINE VELVC 035026	2
44	56D4	COCK,DRAIN AIR TANK VEL036019	3
45	758-181	VALVE TASK 4 PORT	1
46	805-2	BUSHINGS, STEP	24

Table provided for general use.

NOTES:

Anti-Lock Brake System, Flip Axle Assembly (Option)

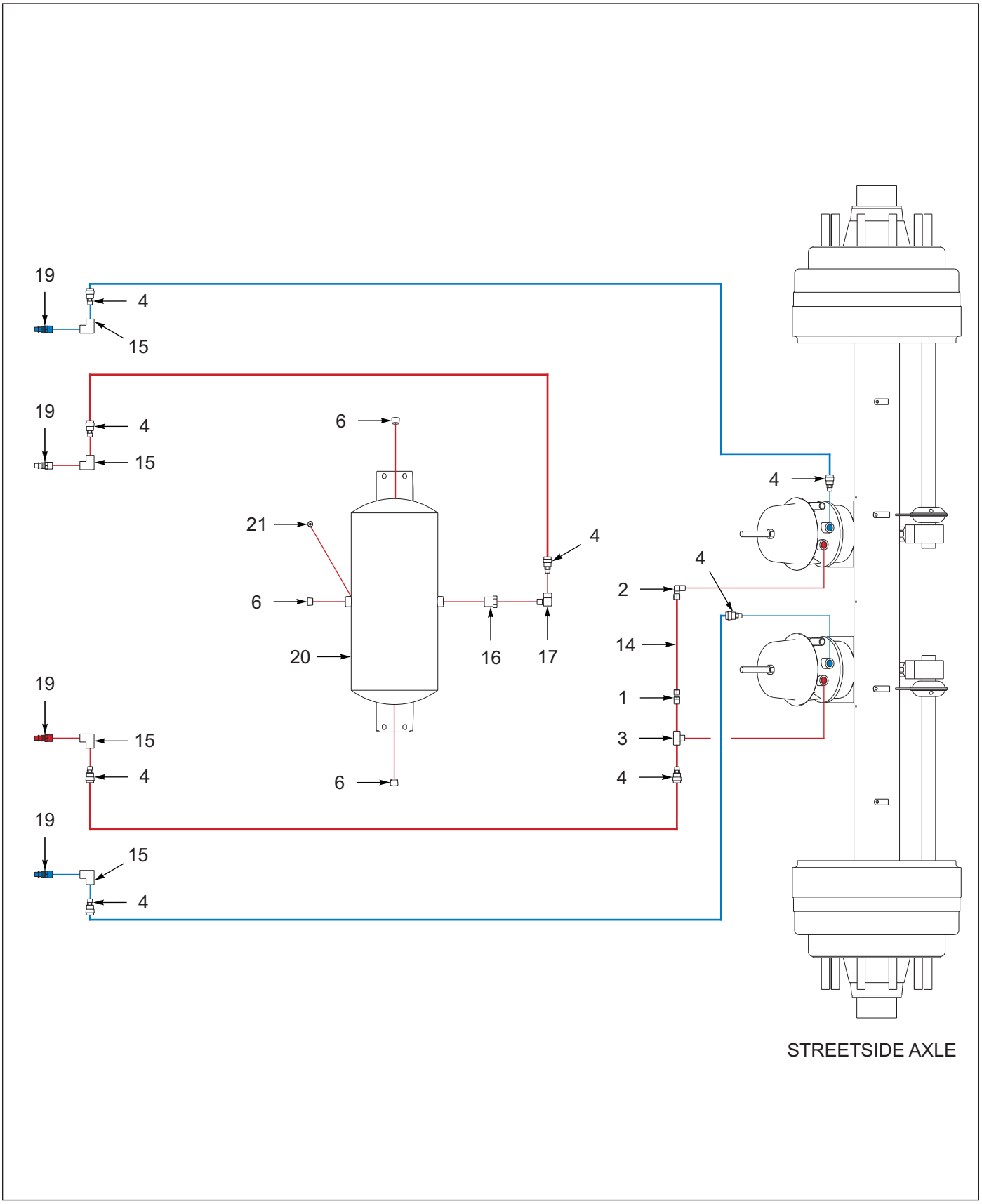


Figure 10-13: Anti-Lock Brake System, Flip Axle Assembly (Option) (1 of 2)

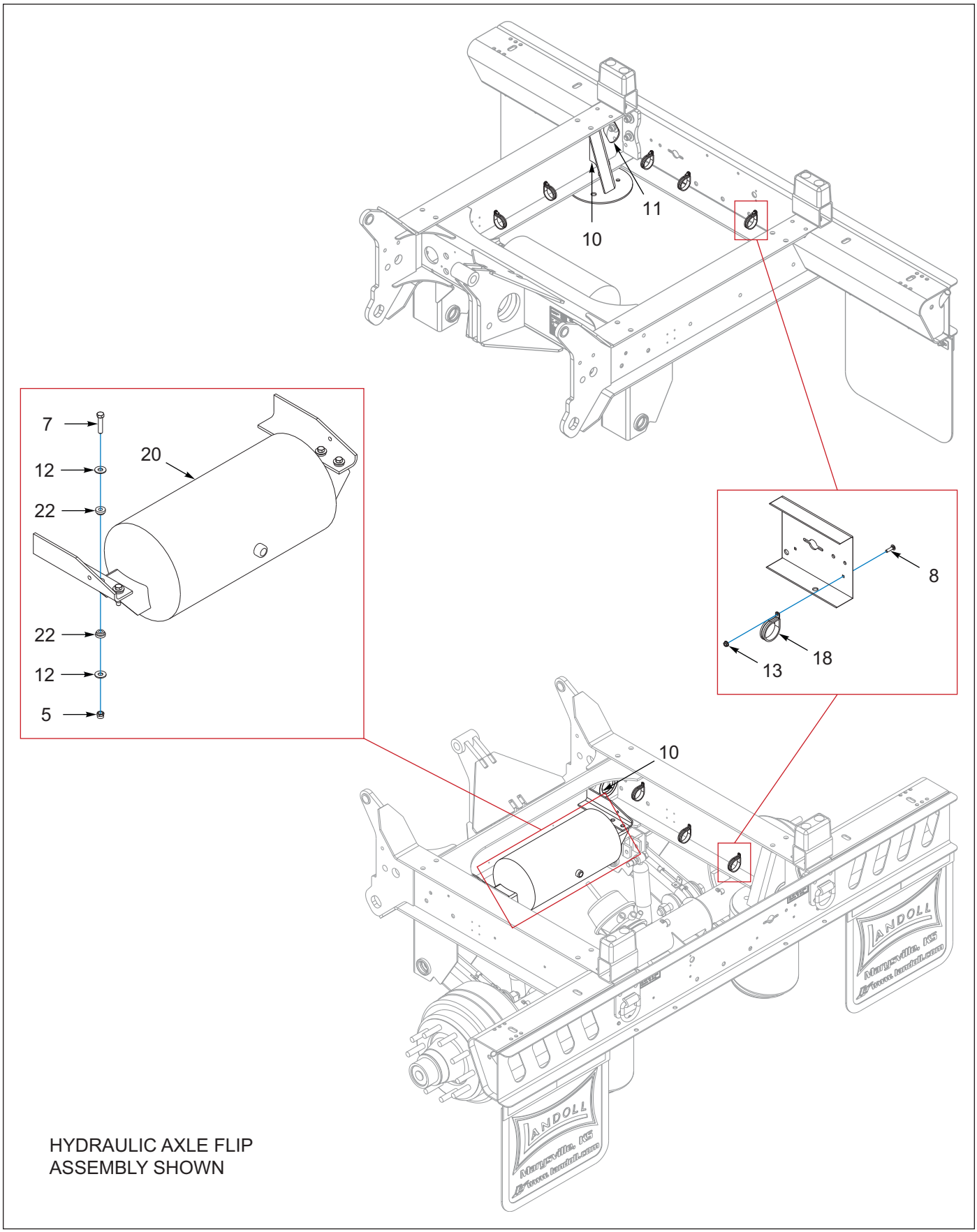


Figure 10-14: Anti-Lock Brake System, Flip Axle Assembly (Option) (2 of 2)

Anti-Lock Brake System, Flip Axle Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	218803	FLIP ASSY 800F-60"-102"	- -
	218808	FLIP ASSY 800F-60"-102" HYD	- -
1	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT	1
2	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	1
3	1-297-010017-03	FITTING,BRS PIPE M/BR TEE 3/8	1
4	1-384-010038072	HOSE ASM AIR 3/8X72,W/3/8 END	4
5	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
6	1-560-010002-04	PLUG, PIPE, 1/2NPT	3
7	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	4
8	1-654-010158-02	SCREW,RHD,SQ NCK 1/4-20UNCX1	12
9	1-796-010003-01	TIE, STRAP, PLASTIC .184X7.31 **(NOT SHOWN)**	35
10	1-822-010001	TRIM 1350 3/8BLK FINE PEBBLE **(BY THE FOOT)**	2
11	1-822-010002	TRIM-LOK 3/16 **(BY THE FOOT)**	2.5
12	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	8
13	108417	NUT SPIRAL 1/4-20HX FG	12
14	184441	TUBING 3/8 RED **(BY THE FOOT)**	1
15	194414	ADAPTER 90 FEMALE 3/8NPT	4
16	2081-8-6S	REDUCER 1/2NPT X 3/8NPT	1
17	2089-6-6S	ADAPTER 90 3/8MPTX3/8FPT	1
18	202930	CLAMP,PART CUSH ALUM,2	12
19	3-220-010005	COUPLER AIR MALE 3/8-MPT **(PAINTED BY CUSTOMER)**	4
20	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS	1
21	56D4	COCK,DRAIN AIR TANK VEL036019	1
22	805-2	BUSHINGS, STEP	8

Table provided for general use.

NOTES:

Control, Ride Height (Before 10/12/23)

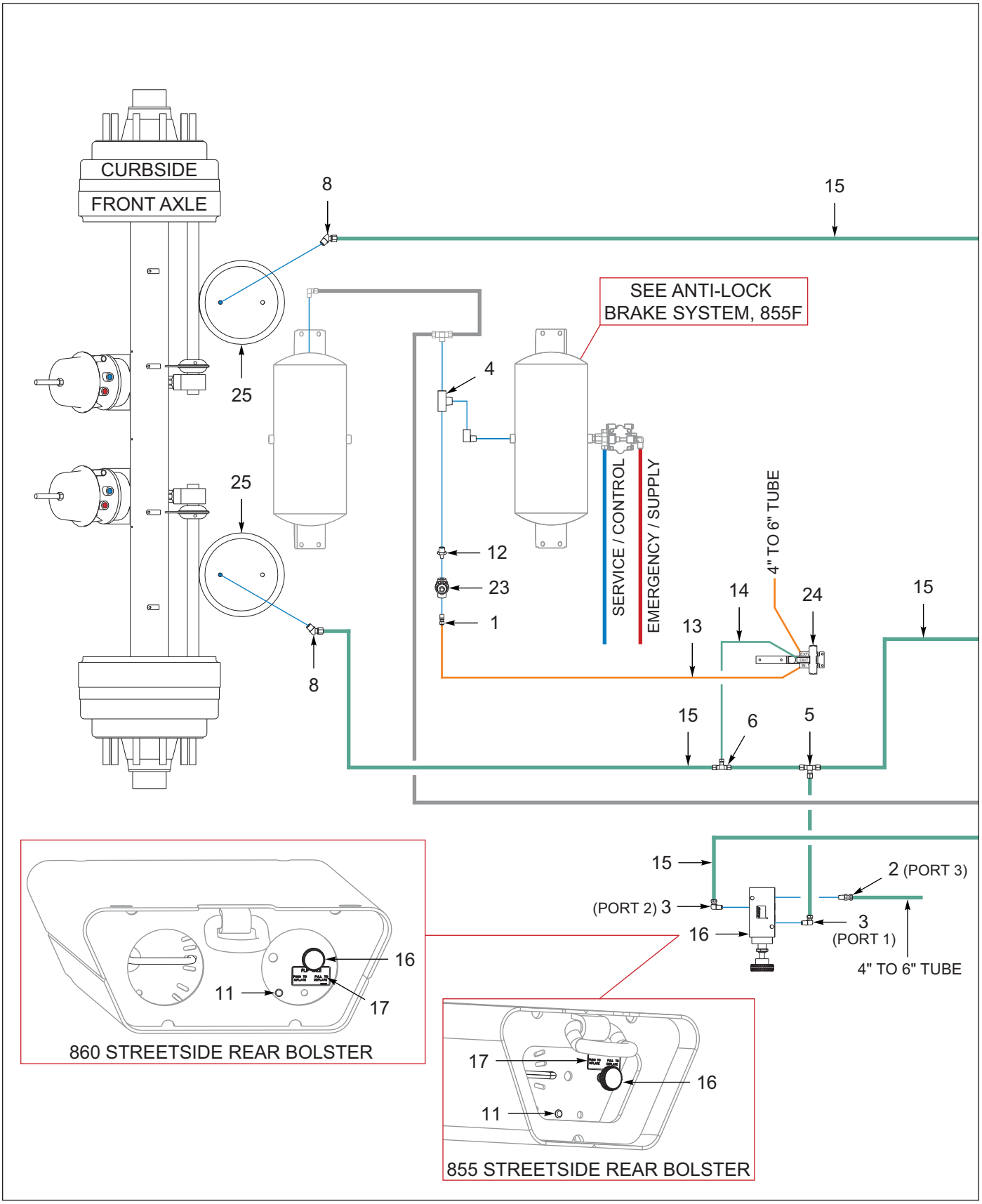


Figure 10-15: Control, Ride Height (Before 10/12/23) (1 of 2)

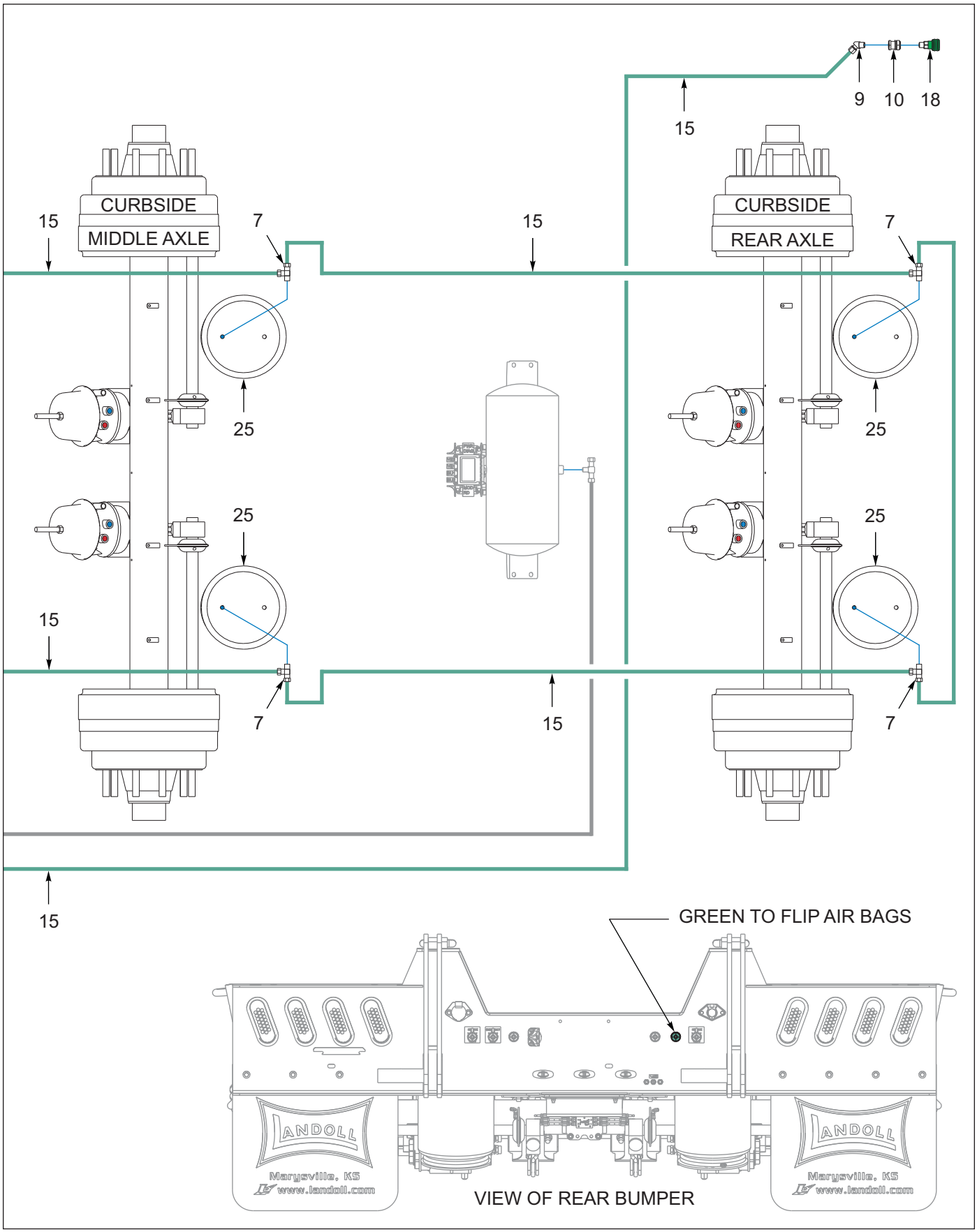


Figure 10-16: Control, Ride Height (Before 10/12/23) (2 of 2)

Control, Ride Height (Before 10/12/23)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227018	FRAME ASSY 855F-25 60AX **(25', 26', 26' DROPSIDE, 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	1
2	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT **(FOR FLIP OPTION)**	1
3	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT **(FOR FLIP OPTION)**	2
4	1-297-010017-04	FITTING,BRS PIPE M/BR TEE 1/2	1
5	1-297-010010-03	FITTING,AIR, UNION TEE 3/8 **(FOR FLIP OPTION)**	1
6	1-297-010010-04	FITTING,AIR,UN/TEE3/8X3/8X1/4	1
7	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	4
8	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	2
9	1-297-010013-12	FITTING AIR 45 M/ELB3/8TX3/8P **(FOR FLIP OPTION)**	1
10	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT **(FOR FLIP OPTION)**	1
11	189278	PLUG, PLASTIC PANEL 1/2 & 9/16	1
12	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
13	213451	TUBING 1/4 OD ORANGE **(BY THE FOOT)**	7
14	213452	TUBING 1/4 OD DARK GREEN **(BY THE FOOT)**	5
15	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	36
16	223149	VALVE,AIR 3WAY/2POS 3/8NPT **(INCLUDES 227010 KNOB) (FOR FLIP OPTION)**	1
17	225267	DECAL,DEFLATE FLIP AXLE **(FOR FLIP OPTION)**	1
18	3-220-010004	COUPLER AIR FEMALE 3/8-18MPT **(PAINTED BY CUSTOMER)**	1
19	102732	AIR CONTROL KIT **(NOT SHOWN - SEE PAGE 5-27) (INCLUDES ITEMS 20-24)**	1
20	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20 **(NOT SHOWN) (INCLUDED WITH ITEM 19)**	2
21	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5 **(NOT SHOWN) (INCLUDED WITH ITEM 19)**	2
22	111021	KIT SRK-167 NEWAY 952-50-001 **(NOT SHOWN) (INCLUDED WITH ITEM 19) (COMPONETS - SEE PAGE 5-27)**	1
23	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES FILTER 167692) (INCLUDED WITH ITEM 19)**	1
24	900 54 007	HEIGHT CONTROL VALVE N **(905-54-186) (INCLUDED WITH ITEM 19)**	1
25	111036	AIR SPRING **(ASSEMBLY - SEE PAGE 5-9 & 5-13)**	2

Table provided for general use.

NOTES:

Control, Ride Height (After 10/12/23)

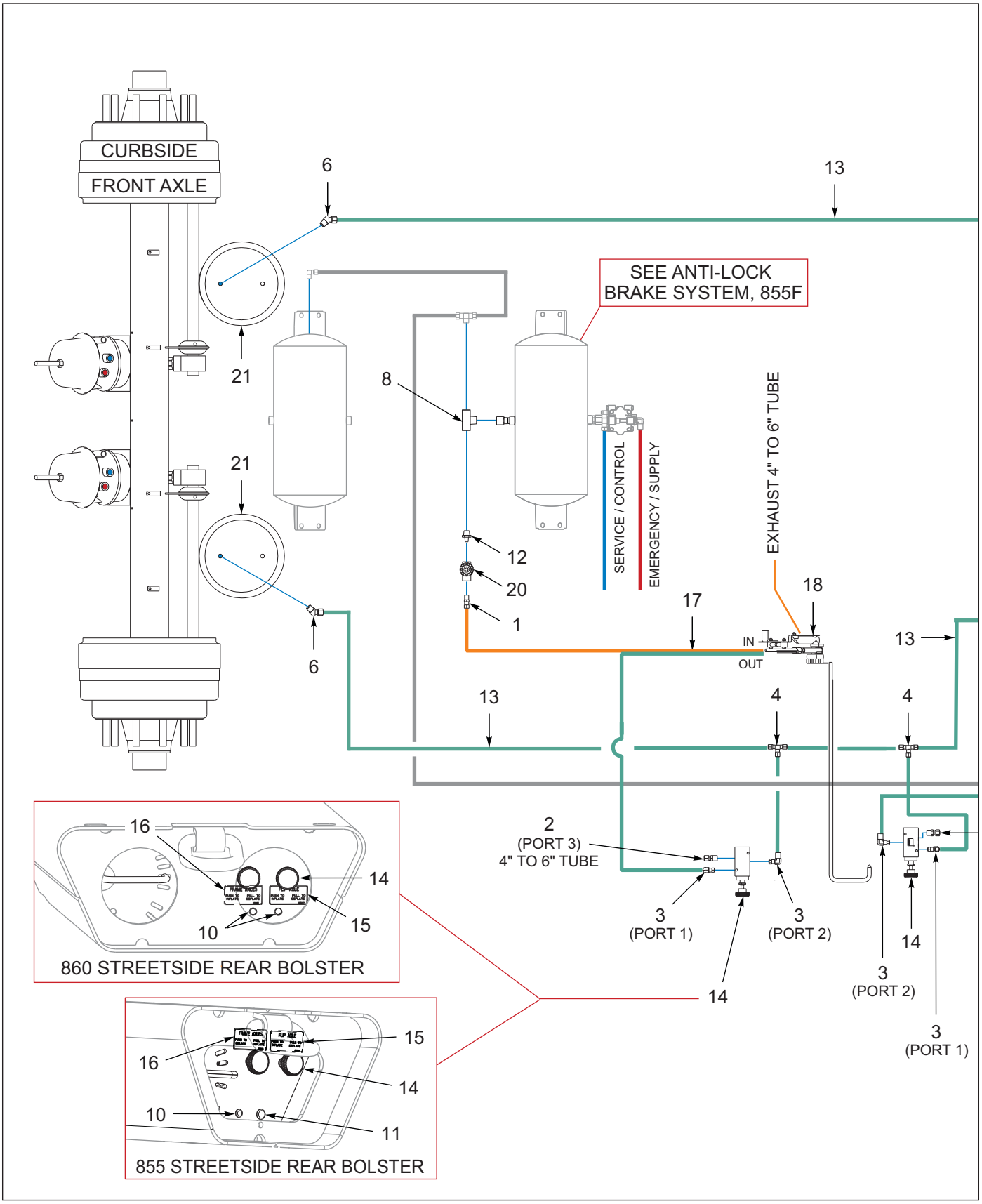


Figure 10-17: Control, Ride Height (After 10/12/23) (1 of 2)

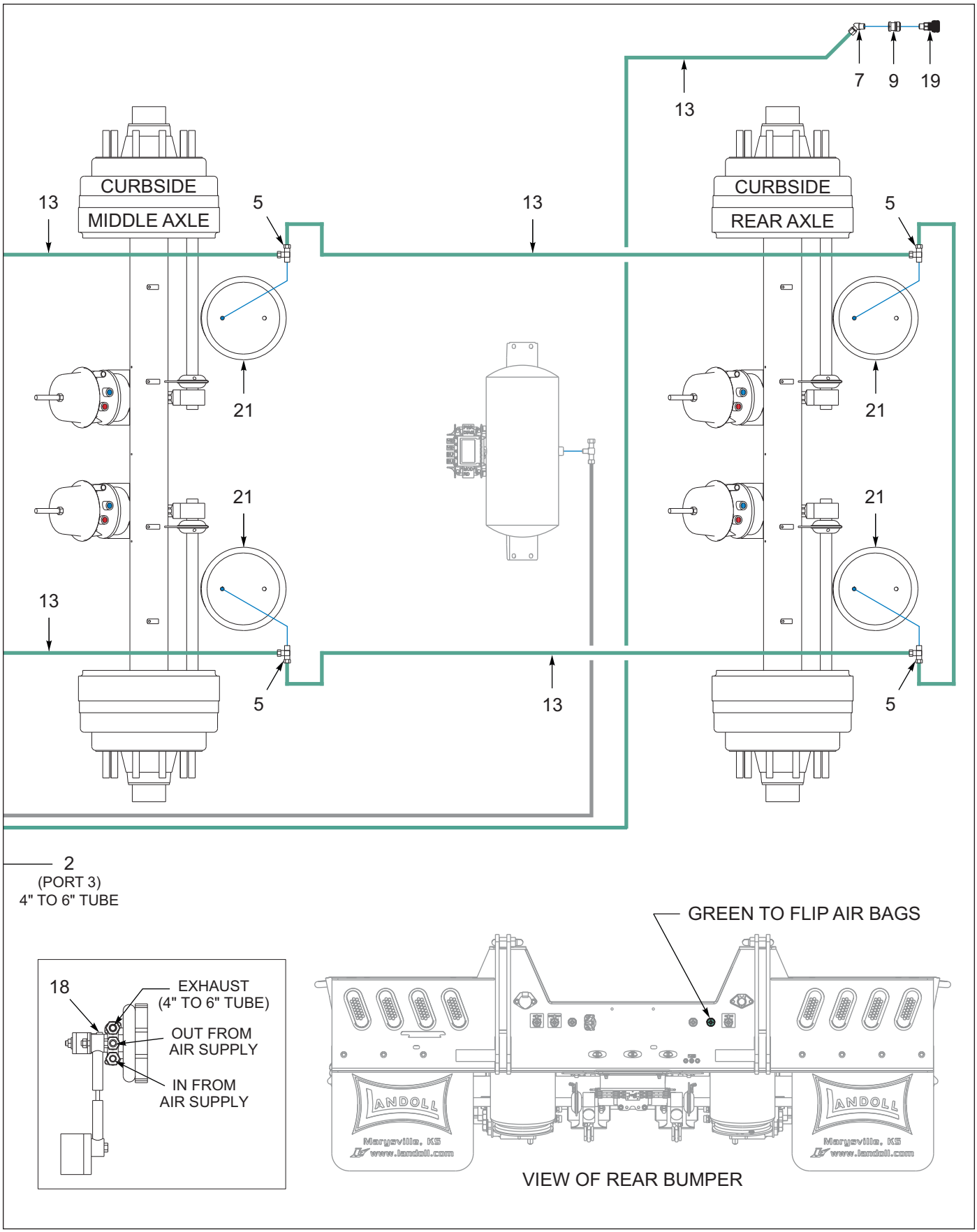


Figure 10-18: Control, Ride Height (After 10/12/23) (2 of 2)

Control, Ride Height (After 10/12/23)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227018	FRAME ASSY 855F-25 60AX **(25', 26', 26' DROPSIDE, 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	1-297-010007-11	FITTING,AIR,3/8TUBE TO 1/4NPT	1
2	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT **(FOR FLIP OPTION)**	2
3	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT **(FOR FLIP OPTION)**	4
4	1-297-010010-03	FITTING,AIR, UNION TEE 3/8 **(FOR FLIP OPTION)**	2
5	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	4
6	1-297-010013-11	FITTI NG,AIR,45 M/ELB3/8T-1/4P	2
7	1-297-010013-12	FITTING AIR 45 M/ELB3/8TX3/8P **(FOR FLIP OPTION)**	1
8	1-297-010017-04	FITTING,BRS PIPE M/BR TEE 1/2	1
9	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT **(FOR FLIP OPTION)**	1
10	189278	PLUG, PLASTIC PANEL 1/2 & 9/16	1
11	202355	PLUG, PLASTIC PANEL 11/16	1
12	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
13	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	41
14	223149	VALVE,AIR 3WAY/2POS 3/8NPT **(INCLUDES 227010 KNOB) (FOR FLIP OPTION)**	2
15	225267	DECAL,DEFLATE FLIP AXLE **(FOR FLIP OPTION)**	1
16	239165	DECAL,DEFLATE FRAME AXLES	1
17	240102	TUBING AIR 3/8 ORANGE **(BY THE FOOT)**	7
18	240141	VLVE, AIR RIDE HEIGHT HLDX 3/8	1
19	3-220-010004	COUPLER AIR FEMALE 3/8-18MPT **(PAINTED BY CUSTOMER)**	1
20	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES FILTER 167692)**	1
21	- - - - -	AIR SPRING **(ASSEMBLY - SEE PAGE 5-9 & 5-13)**	2

Table provided for general use.

NOTES:

Control, Air Suspension Ride Height, Flip Axle Assembly (Option)

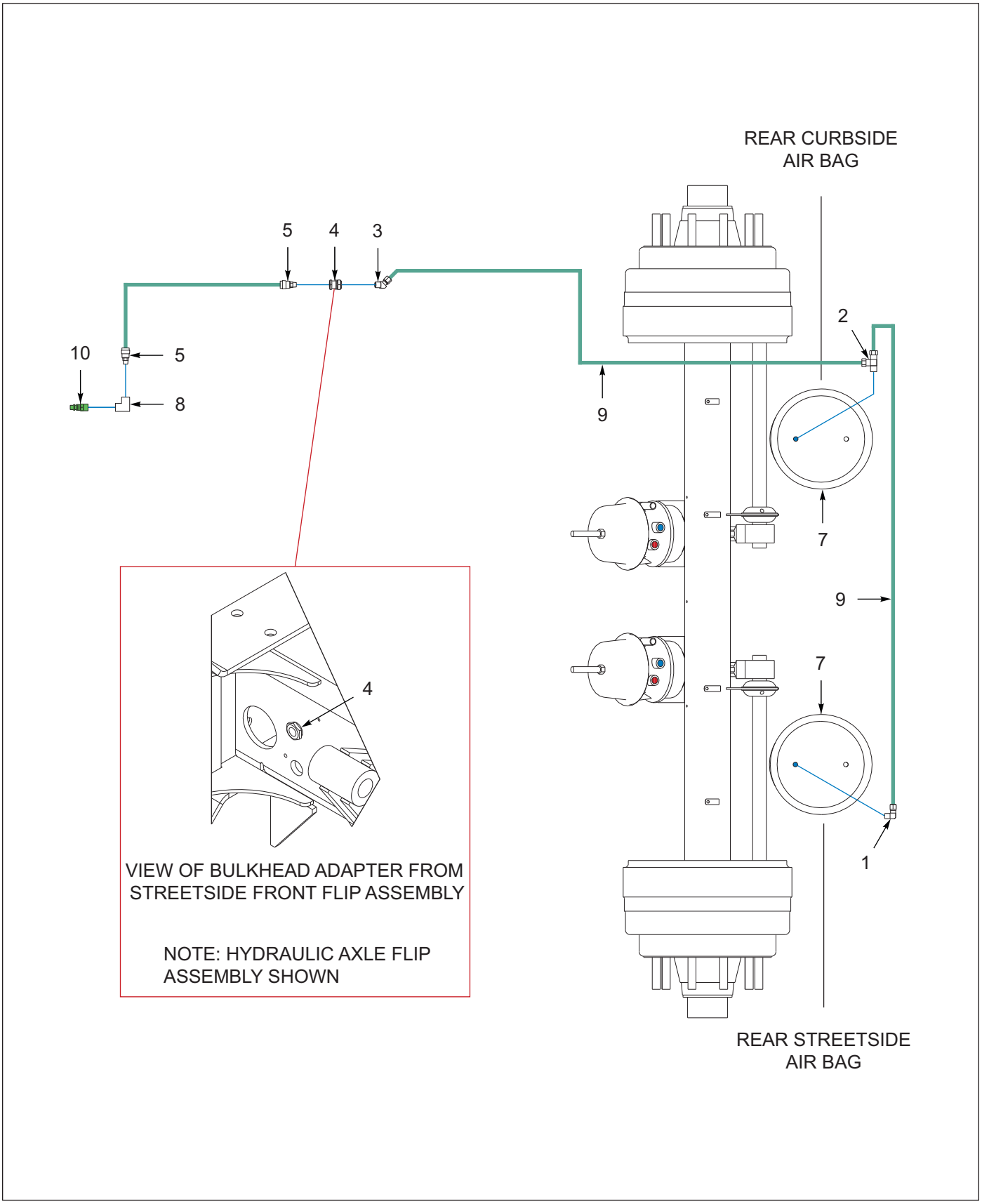


Figure 10-19: Control, Suspension Ride Height, Flip Axle Assembly (Option)

Control, Air Suspension Ride Height, Flip Axle Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	218803	FLIP ASSY 800F-60"-102"	- -
	218808	FLIP ASSY 800F-60"-102" HYD	- -
1	1-297-010008-18	FITTING,AIR 90 3/8TUBEX1/4NPT	1
2	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	1
3	1-297-010013-12	FITTING AIR 45 M/ELB3/8TX3/8P	1
4	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT	1
5	1-384-010038038	HOSE ASM AIR 3/8X38,W/3/8 END	1
6	1-796-010003-01	TIE, STRAP, PLASTIC .184X7.31 **(NOT SHOWN)**	35
7	111036	AIR SPRING	4
8	194414	ADAPTER 90 FEMALE 3/8NPT	1
9	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	9
10	3-220-010005	COUPLER AIR MALE 3/8-MPT **(PAINTED BY CUSTOMER)**	1

Scale, Air Pressure Gauge Assembly (Option)

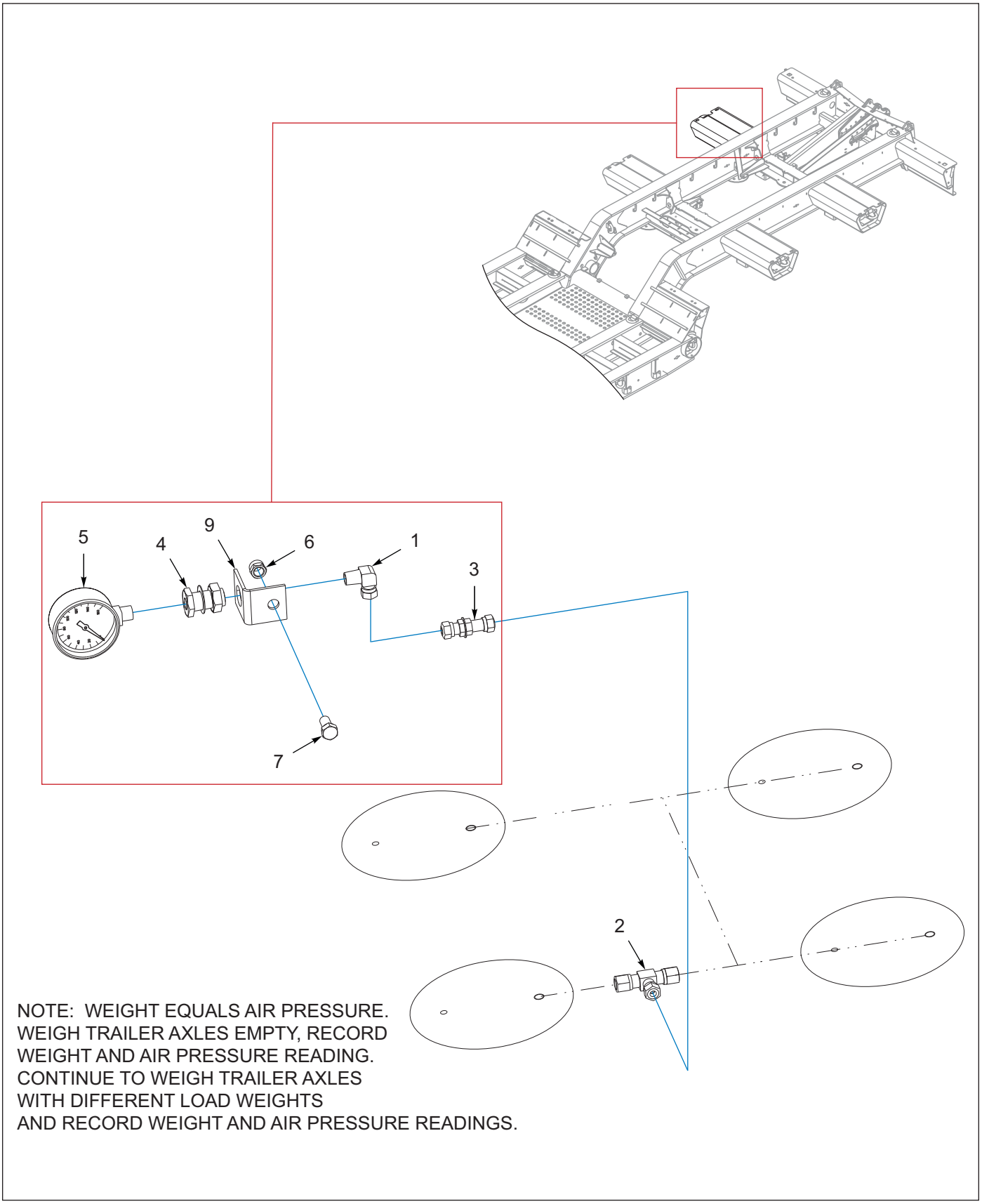


Figure 10-20: Scale, Air Pressure Gauge Assembly (Option)

Scale, Air Pressure Gauge Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	128601	PRESSURE GAUGE INSTL 410SUSP **(INCLUDES ITEMS 1-9)**	- -
1	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT	1
2	1-297-010010-04	FITTING,AIR,UN/TEE3/8X3/8X1/4	1
3	1-297-010014-02	FITTING,AIR,BLKHD UNION 1/4	1
4	1-297-010022-02	FITTING,AIR ANCHR CPLG,1/4NPT	1
5	1-323-010008	GAUGE, PRESSURE, 0-160 PSI	1
6	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	1
7	1-654-010051-03	SCREW,HEX CAP,3/8-16UNCX3/4G5	1
8	1-833-010001	TUBING NYLON 1/4 OD **(BY THE FOOT)**	50
9	3-120-010445	BRACKET,PRESSURE REGULATOR660	1

Scale, Digital, Loadmaxx Plus & Quickload Plus (Option)

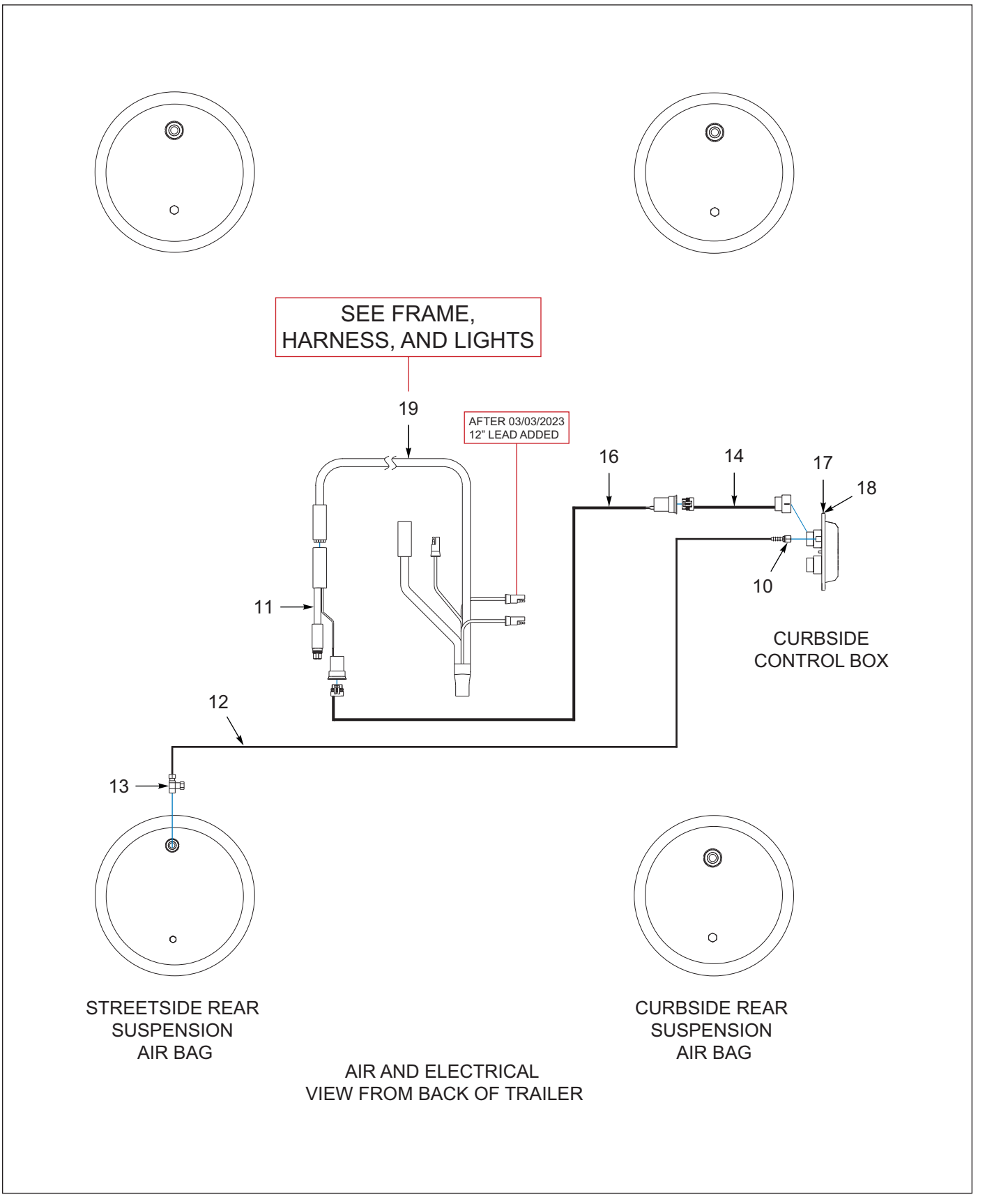


Figure 10-21: Scale, Digital, Loadmaxx Plus & Quickload Plus (Option) (1 of 2)

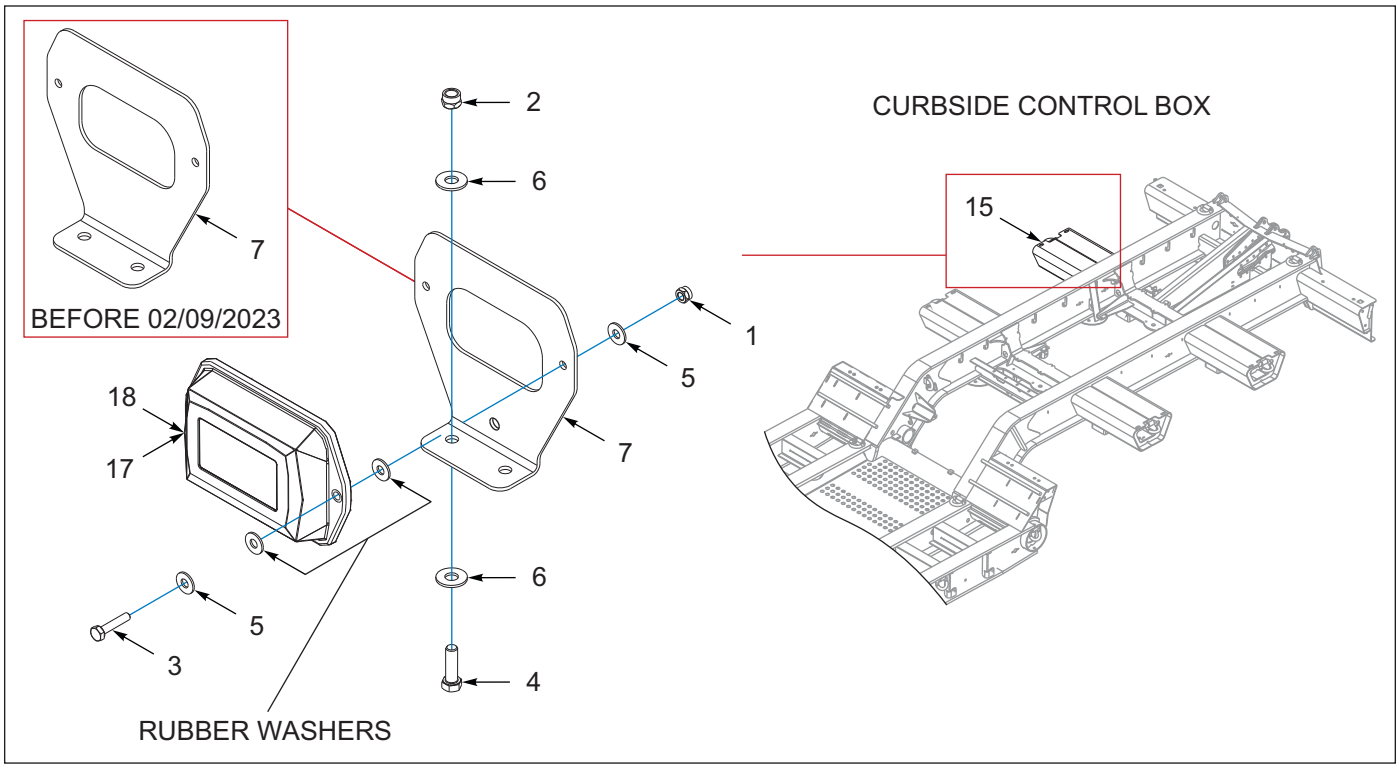


Figure 10-22: Scale, Digital, Loadmaxx Plus & Quickload Plus (Option) (2 of 2)

Scale, Digital, Loadmaxx Plus & Quickload Plus (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227523	QUICKLOAD PLUS 835F PC INSTL **(INCLUDES ITEMS 1-8)**	- -
	232591	LOADMAXX PLUS INSTL 800 CON **(INCLUDES ITEMS 1-7, 9)**	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
3	1-654-010047-07	SCREW,HX CP 1/4-20UNCX1-1/4G5	2
4	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
5	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
6	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	4
7	226975	BRACKET SCALE MTG **(AFTER 02/09/2023 - COMES WITH 3 MOUNT HOLES)**	1
8	226658	QUICKLOAD PLUS DETACH KIT **(NOT SHOWN)** **(INCLUDES ITEMS 10-17, PLUS RUBBER WASHERS)**	1
9	226662	LOADMAXX PLUS DETACH KIT **(NOT SHOWN)** **(INCLUDES ITEMS 10-16, 18, PLUS RUBBER WASHERS)**	1
10	212216	BRASS FITTING 1/4 NPT 1/4 BARB	1
11	220004	CONNECTOR, TRL, ABS T-BREAKOUT	1
12	225885	AIR LINE 1/4 OD X 10' AIR-WGH	1
13	226650	BRASS T 1/4NPT AIR WEIGH	1
14	226651	POWER CABLE 3.5FT AIR WEIGH	1
15	226653	DECAL AIR WEIGH SCALE	1
16	226654	ABS-T BREAKOUT RIGID AIR WEIGH	1
17	226652	QUICKLOAD PLUS SCALE MODULE	1
18	226655	LOADMAXX PLUS SCALE MODULE	1
19	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)** **(FRAME, HARNESS AMD LIGHTS - SEE PAGE 11-17)**	1

Suspension, Air Dump (Option)

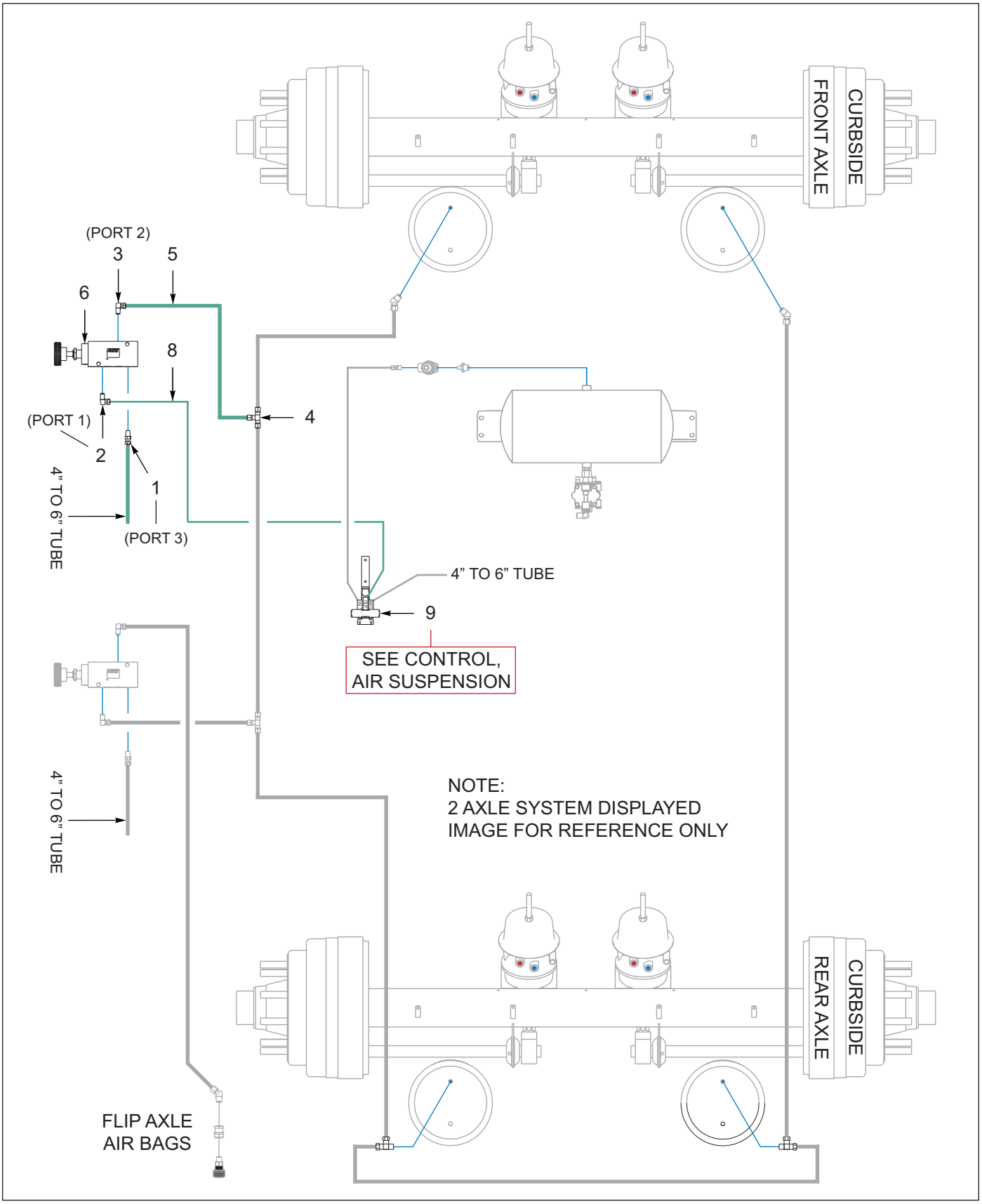
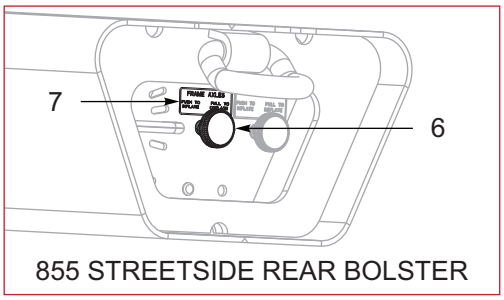
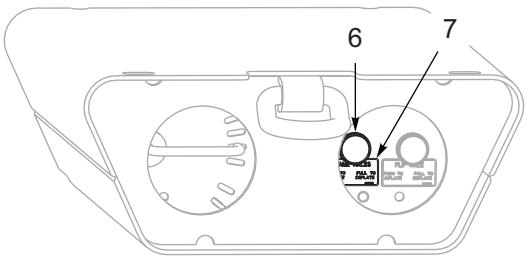


Figure 10-23: Suspension, Air Dump (Option) (1 of 2)



855 STREETSIDE REAR BOLSTER



860 STREETSIDE REAR BOLSTER

Figure 10-24: Suspension, Air Dump (Option) (2 of 2)

Suspension, Air Dump (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	239164	AIR DUMP INSTL,ADD ON 800 FRAM	- -
1	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT	1
2	1-297-010008-09	FITTING,AIR 90 1/4TUBEX3/8NPT	1
3	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	1
4	1-297-010010-03	FITTING,AIR, UNION TEE 3/8	1
5	213453	TUBING 3/8 OD DARK GREEN	5
6	223149	VALVE,AIR 3WAY/2POS 3/8NPT **(INCLUDES 227010 KNOB)**	1
7	239165	DECAL,DEFLATE FRAME AXLES **(DECALS - SEE PAGE 1-5)**	1
8	213452	TUBING 1/4 OD DARK GREEN **(BY THE FOOT)**	5
9	900 54 007	HEIGHT CONTROL VALVE N **(905-54-186)** **(INCLUDED WITH AIR CONTROL KIT 102732)**	- -

Suspension Lift, 3rd Axle (Option) (Before 12/01/2023)

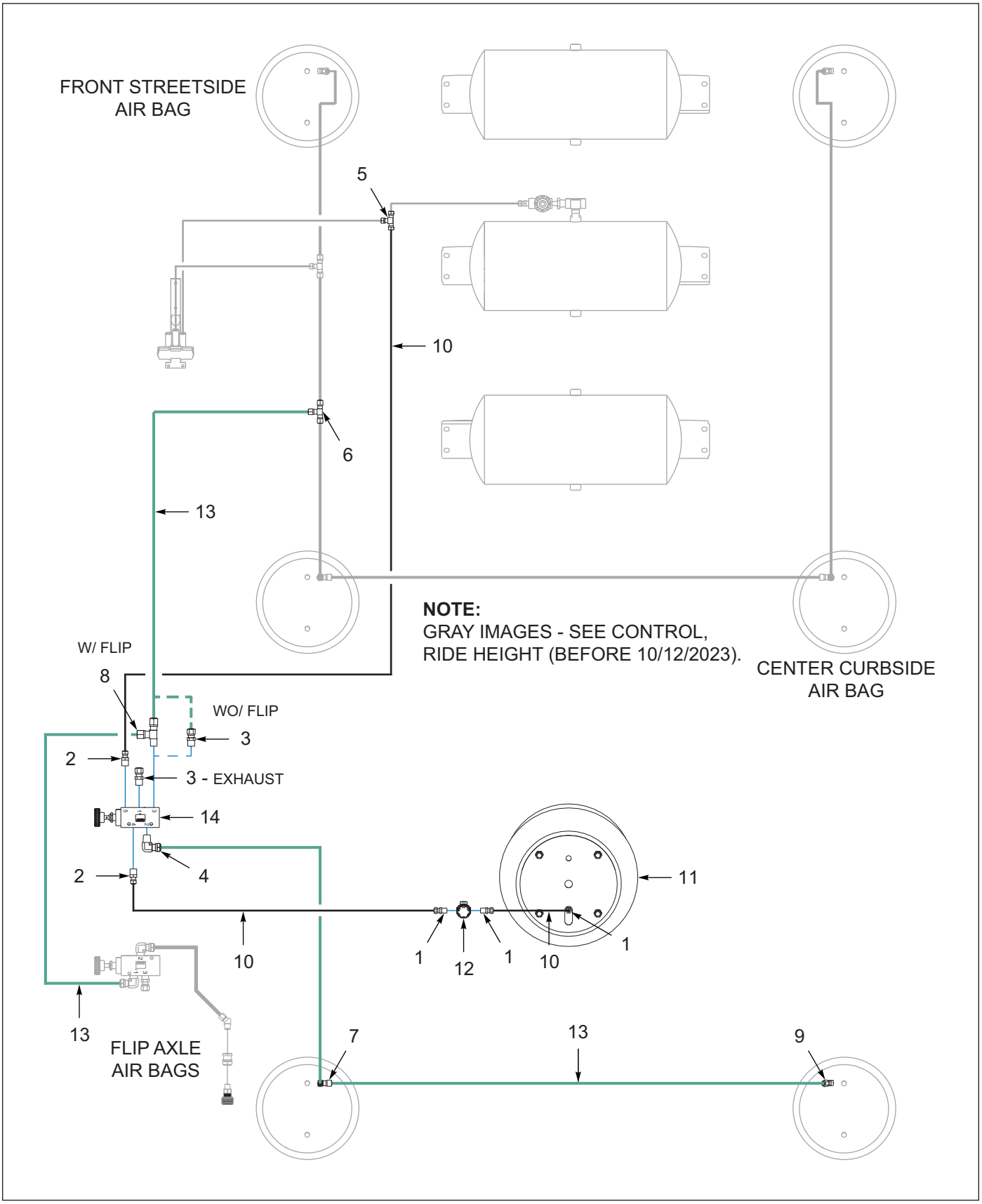


Figure 10-25: Suspension Lift, 3rd Axle (Option) (Before 12/01/2023) (1 of 2)

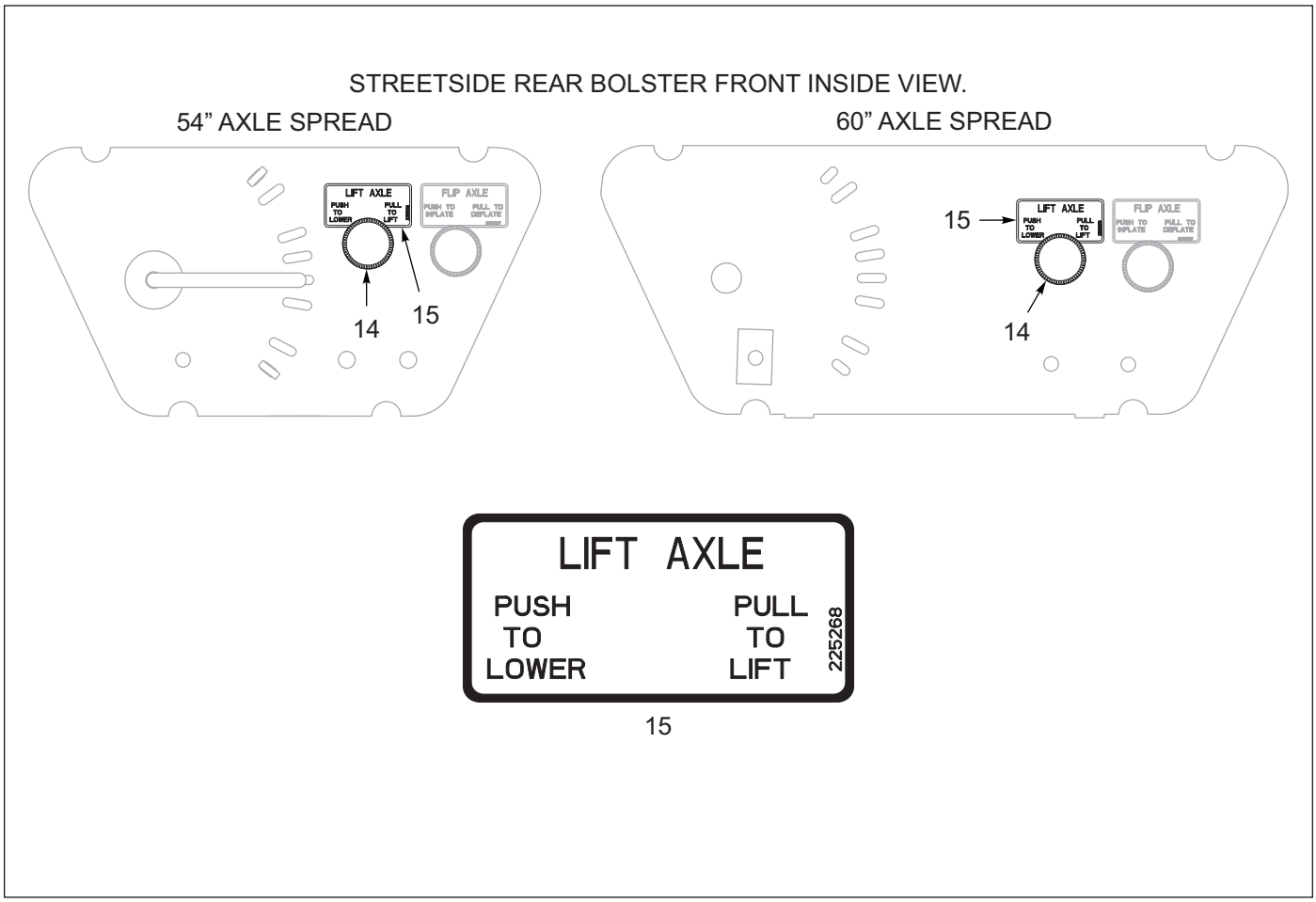


Figure 10-26: Suspension Lift, 3rd Axle (Option) (Before 12/01/2023 (2 of 2)

Suspension Lift, 3rd Axle (Option) (Before 12/01/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227044	CONTROL INSTL AXLE LIFT 800	- -
	140450	REAR SUSPENSION AIR LIFT ASSEMBLY	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	3
2	1-297-010007-06	FITTING,AIR,1/4TUBE TO 3/8NPT	2
3	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT **(WO/ FLIP, REQ 2) (W/ FLIP, REQ 1)**	1
4	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	1
5	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	1
6	1-297-010010-03	FITTING,AIR, UNION TEE 3/8	1
7	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	1
8	1-297-010011-05	FITTING,AIR,M/RUN TEE 3/8-3/8 **(W/ FLIP)**	1
9	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	1
10	1-833-010001	TUBING NYLON 1/4 OD **(BLACK - BY THE FOOT)**	2
11	164087	AIR SPRING **(INSTALLATION - SEE PAGE 5-29)**	1
12	164092	VALVE REGULATOR ASSEMBLY	1
13	213453	TUBING 3/8 OD DARK GREEN **(DARK GREEN - BY THE FOOT)**	6
14	223150	VALVE,AIR 5WAY/2POS 3/8NPT **(INCLUDES ITEM 16)**	1
15	225268	DECAL,LIFT AXLE OPER	1
16	227010	KNOB REPL PUSH/PULL H10 **(INCLUDED WITH ITEM 14)**	1

Suspension Lift, 3rd Axle (Option) (After 12/01/2023)

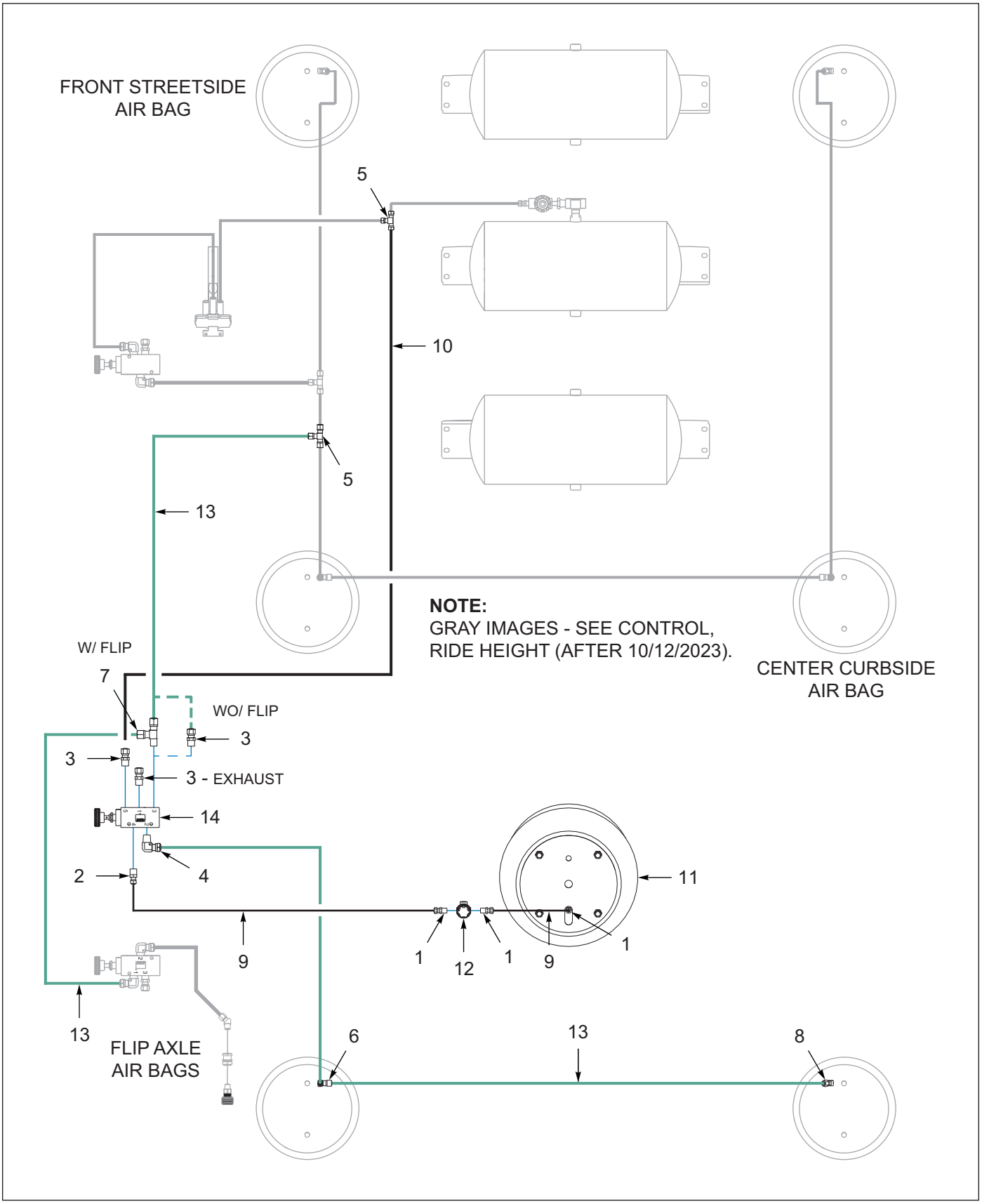


Figure 10-27: Suspension Lift, 3rd Axle (Option) (After 12/01/2023) (1 of 2)

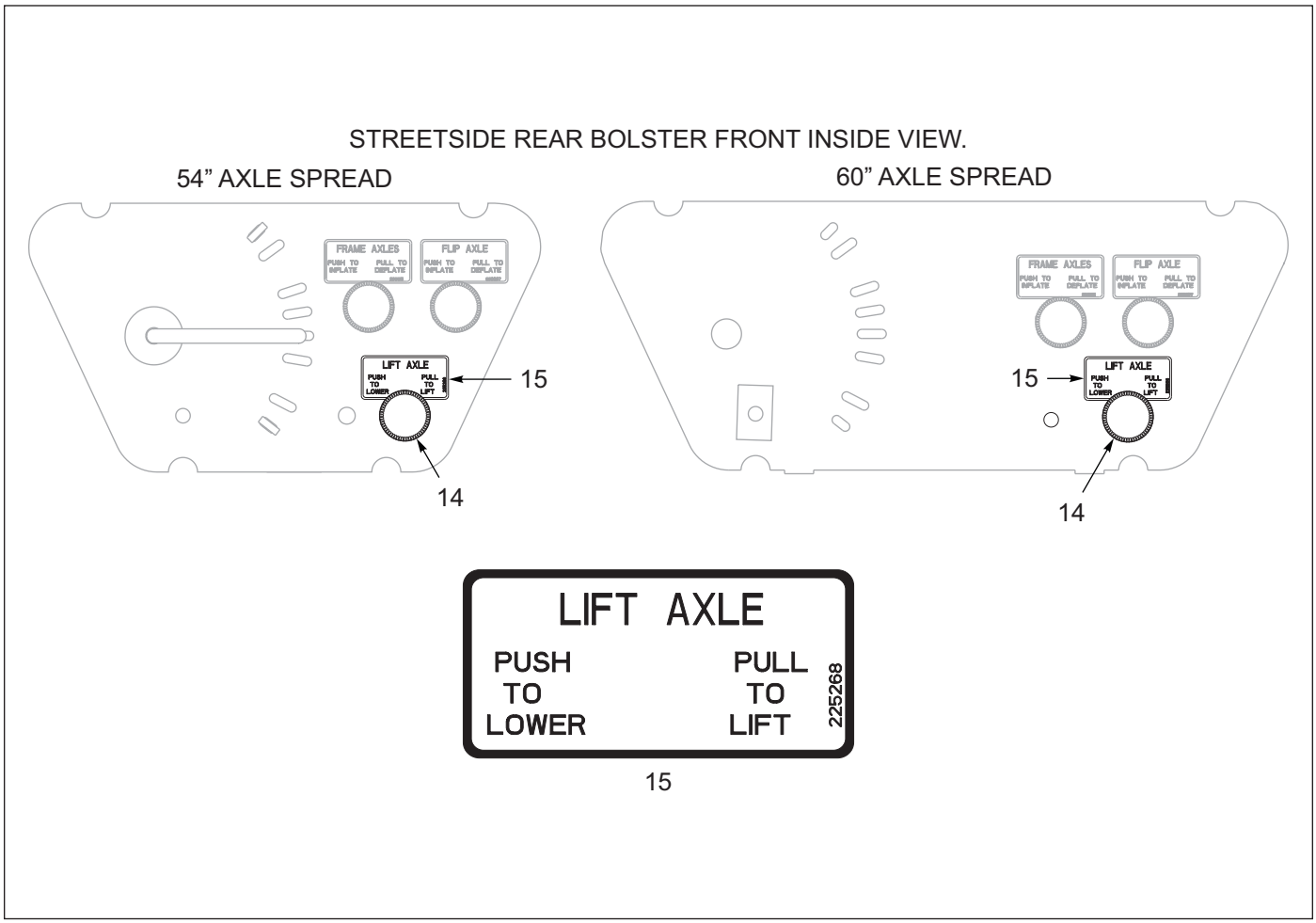


Figure 10-28: Suspension Lift, 3rd Axle (Option) (After 12/01/2023 (2 of 2)

Suspension Lift, 3rd Axle (Option) (After 12/01/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227044	CONTROL INSTL AXLE LIFT 800	- -
	140450	REAR SUSPENSION AIR LIFT ASSEMBLY	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	3
2	1-297-010007-06	FITTING,AIR,1/4TUBE TO 3/8NPT	1
3	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT **(WO/ FLIP, REQ 3) (W/ FLIP, REQ 2)**	- -
4	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	1
5	1-297-010010-03	FITTING,AIR, UNION TEE 3/8	2
6	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	1
7	1-297-010011-05	FITTING,AIR,M/RUN TEE 3/8-3/8 **(W/ FLIP)**	1
8	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	1
9	1-833-010001	TUBING NYLON 1/4 OD **(BLACK - BY THE FOOT)**	6
10	1-833-010002	TUBING NYLON 3/8 OD **(BLACK - BY THE FOOT)**	8
11	164087	AIR SPRING **(INSTALLATION - SEE PAGE 5-29)**	1
12	164092	VALVE REGULATOR ASSEMBLY	1
13	213453	TUBING 3/8 OD DARK GREEN **(DARK GREEN - BY THE FOOT)**	6
14	223150	VALVE,AIR 5WAY/2POS 3/8NPT **(INCLUDES ITEM 16)**	1
15	225268	DECAL,LIFT AXLE OPER	1
16	227010	KNOB REPL PUSH/PULL H10 **(INCLUDED WITH ITEM 14)**	1

Tire Inflation System (Option)

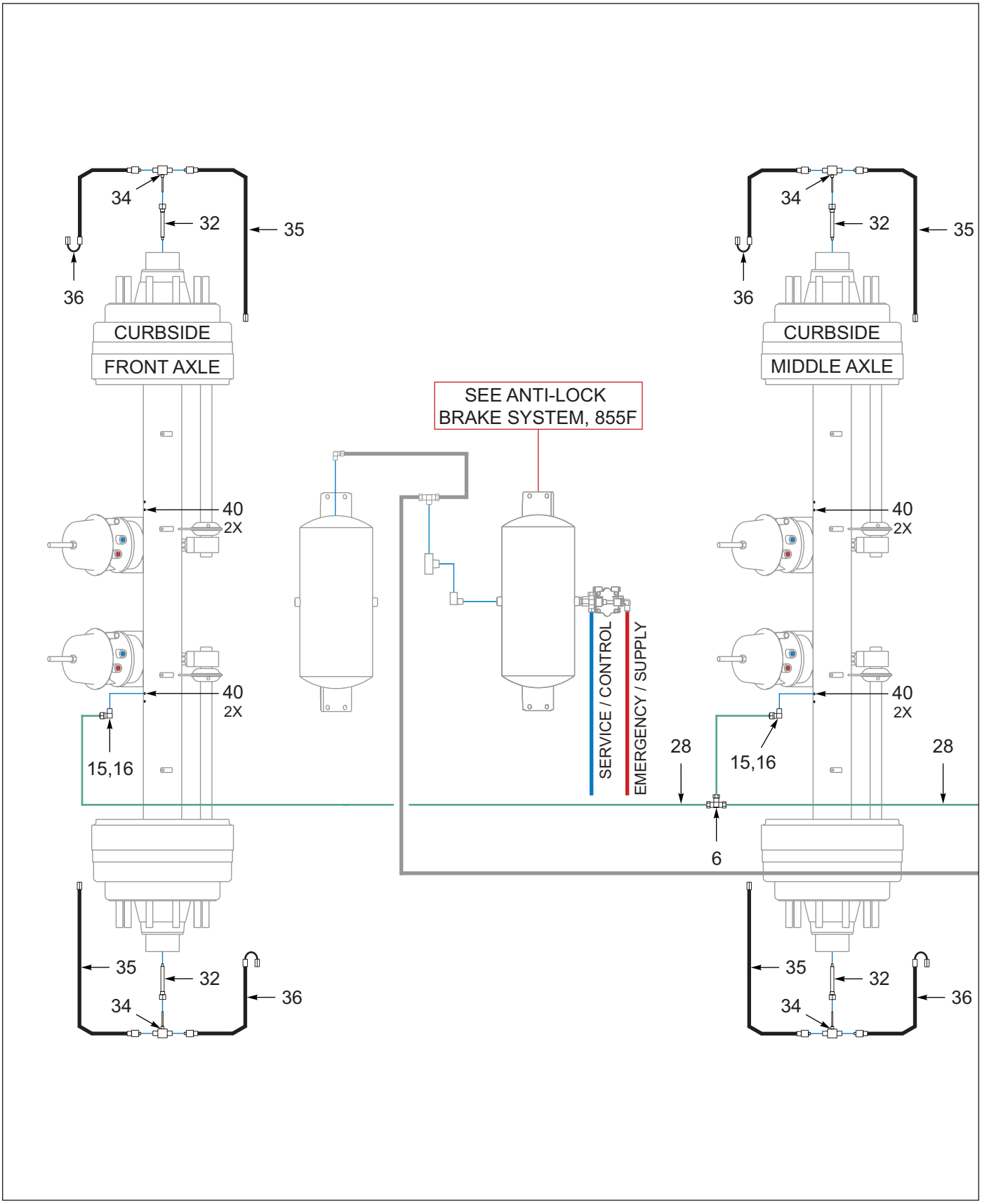


Figure 10-29: Tire Inflation System (Option) (1 of 3)

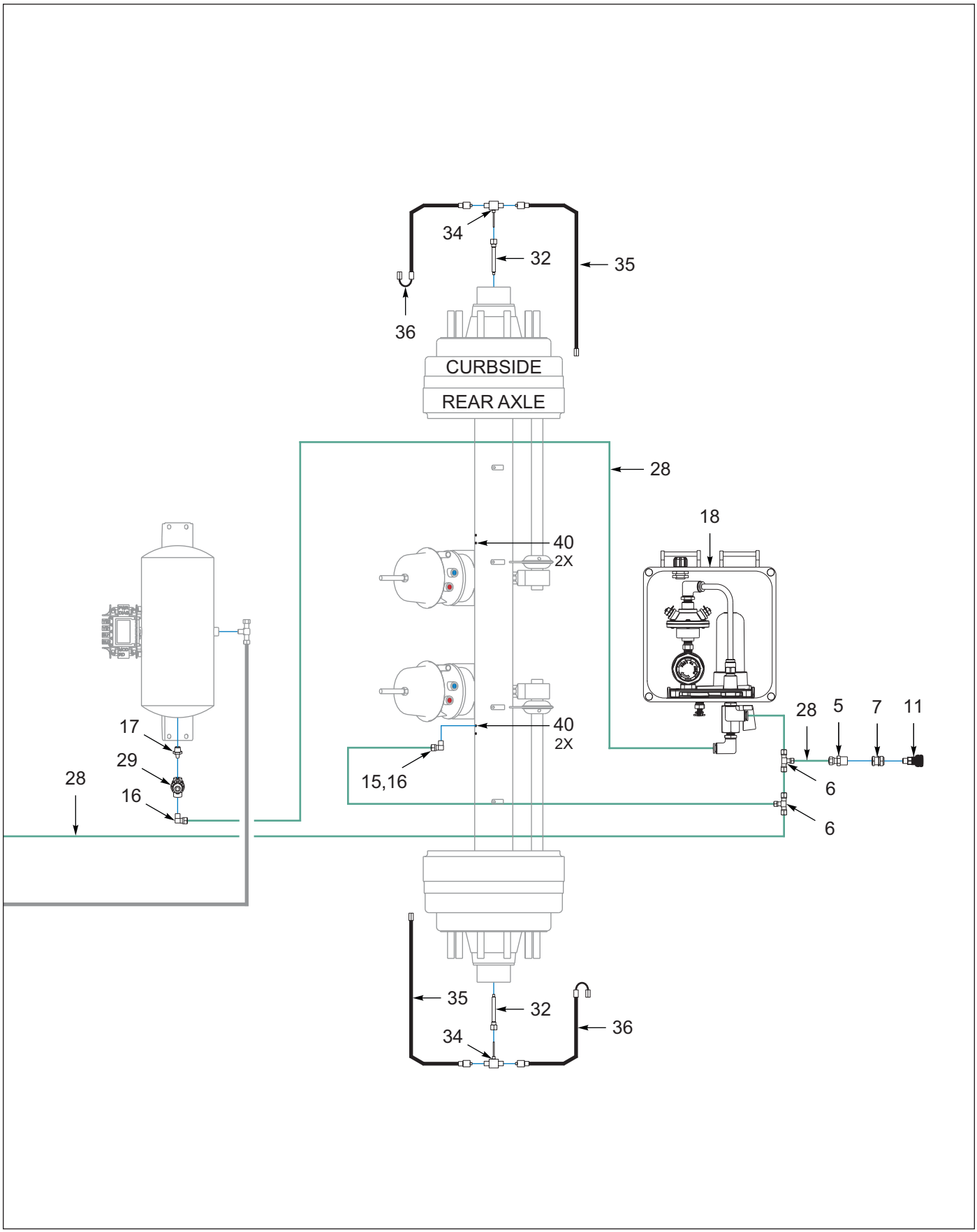


Figure 10-30: Tire Inflation System (Option) (2 of 3)

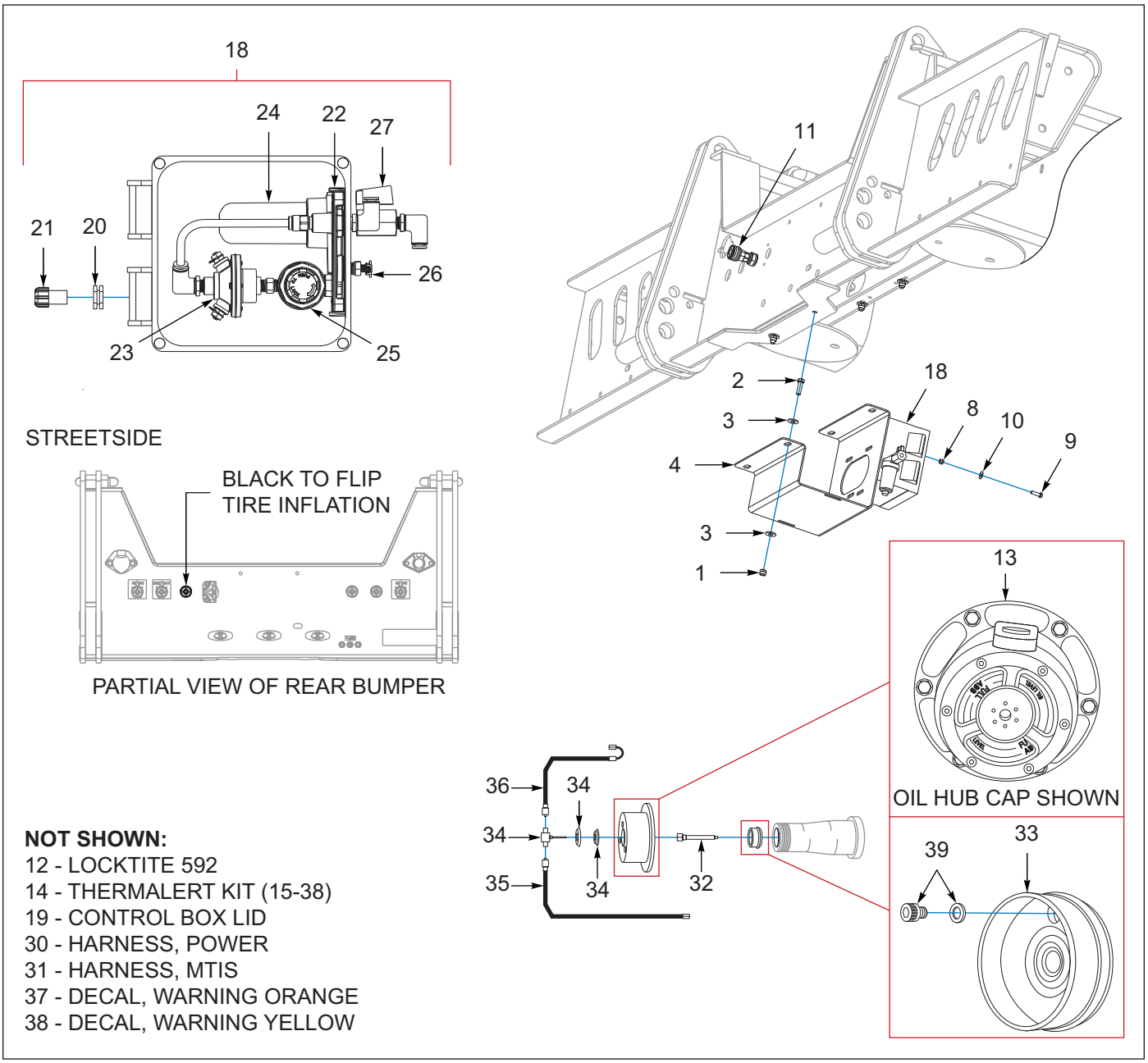


Figure 10-31: Tire Inflation System (Option) (3 of 3)

Tire Inflation System (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	223307	3 AXLE TIS DETACH W/FLIP PROV	- -
	231421	FRAME ASSY 855F-25 60AX **(25', 26', 26' DROPSIDE, 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
2	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	4
3	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	8
4	227522	MOUNT BRACKET BATTERY BOX 860	1
5	1-297-010007-06	FITTING,AIR,1/4TUBE TO 3/8NPT	1
6	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	3

Tire Inflation System (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
7	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT	5
8	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	3
9	1-654-010047-07	SCREW,HX CP 1/4-20UNCX1-1/4G5	3
10	1-861-010032-07	WASHER,FLAT 1/4 ZP	3
11	3-220-010004	COUPLER AIR FEMALE 3/8-18MPT **(PAINTED BY CUSTOMER)**	1
12	115629	LOCKTITE 592 250ML TUBE **(NOT SHOWN)**	0.25
13	197613	HUB CAP TIS OIL AXLE **(STANDARD) (2 PER AXLE)**	6
13	197318	HUB CAP TIS GREASE AXLE **(OPTION) (2 PER AXLE)**	6
14	195395	THERMALERT TIS 3 AXLE **(INCLUDES ITEMS 16-38)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-53)**	1
15	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT **(BEFORE 10/09/2024)**	3
16	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT **(INCLUDE WITH ITEM 14)** **(BEFORE 10/09/2024, REQ 1) (AFTER 10/09/2024, REQ 4)**	4
17	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
18	168618	THERMALERT CONTROL BOX **(ASSEMBLY INCLUDES ITEMS 19-27)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-53)**	1
19	216705	CONTROL BOX LID **(NOT SHOWN)**	1
20	106-0006	NUT 1/2 CONDUIT STL	1
21	20125	STRAIN RELIEF, 1/4TO3/8	1
22	230613	TIS MANIFOLD ASSY (NEW STYLE) **(INCLUDES ITEMS 24-25 AND GASKET, 4 SCREWS & 8" AIR LINE)**	1
23	180229	FLOW SENSING SWITCH **(SYSTEM, ELECTRICAL - SEE PAGE 11-53)**	1
24	- - - - -	PARTICULATE FILTER ASSEMBLY **(INCLUDED WITH ITEM 22)** **(INCLUDES FILTER AND BOWL)**	- -
25	- - - - -	PRESSURE REGULATOR **(INCLUDED WITH ITEM 22)**	- -
26	180225	PETCOCK	1
27	180223	SHUT-OFF VALVE	1
28	- - - - -	TUBING NYLON 1/4 LT GREEN 25FT	- -
29	168610	THERMALERT PRESS PROT VALVE	1
30	202207	HARNESS MOD, TIS POWER ASSY8 **(SYSTEM, ELECTRICAL - SEE PAGE 11-53)**	1
31	168613	THERMALERT WIRING HARNESS **(SYSTEM, ELECTRICAL - SEE PAGE 11-53)**	1
32	168616	THERMALERT STATOR & FILTER ASM **(2 PER AXLE)**	6
33	168617	THERMALERT PRESS PLUG ASSY **(2 PER AXLE)** **(INCLUDES ITEM 39)**	6
34	178592	THRU TEE ASSEMBLY 4.25" **(INCLUDES SHIELD & VENT CAP)** **(2 PER AXLE)**	6
35	180839	MTIS LONG HOSE **(17" LONG) (2 PER AXLE)**	6
36	180840	MTIS SHORT HOSE **(13-1/2" LONG) (2 PER AXLE)**	6
37	205836	ORANGE LIGHT WARNING DECAL TIS **(NOT SHOWN)**	1

Tire Inflation System (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
38	205837	YLW TRAILER WARNING DECAL TIS**(NOT SHOWN)**	2
39	228069	THERMALERT THERMAL PLUG KIT **(2 PER AXLE)** **(INCLUDED WITH ITEM 33) (INCLUDES 1 PLUG AND 1 GASKET)**	- -
40	1-560-010002-02	PLUG, PIPE, 1/4NPT **(BEFORE 10/09/2024, AXLES CAME WITH 3 AIR HOLES, UNUSED AIR HOLES WERE WELDED SHUT)** **(AFTER 10/09/2024, AXLES COME WITH 4 HEX PLUGGED AIR HOLES, UNUSED AIR HOLES MUST REMAIN SEALED)**	1

Table provided for general use.

NOTES:

Tire Inflation System, Flip Axle Assembly (Option)

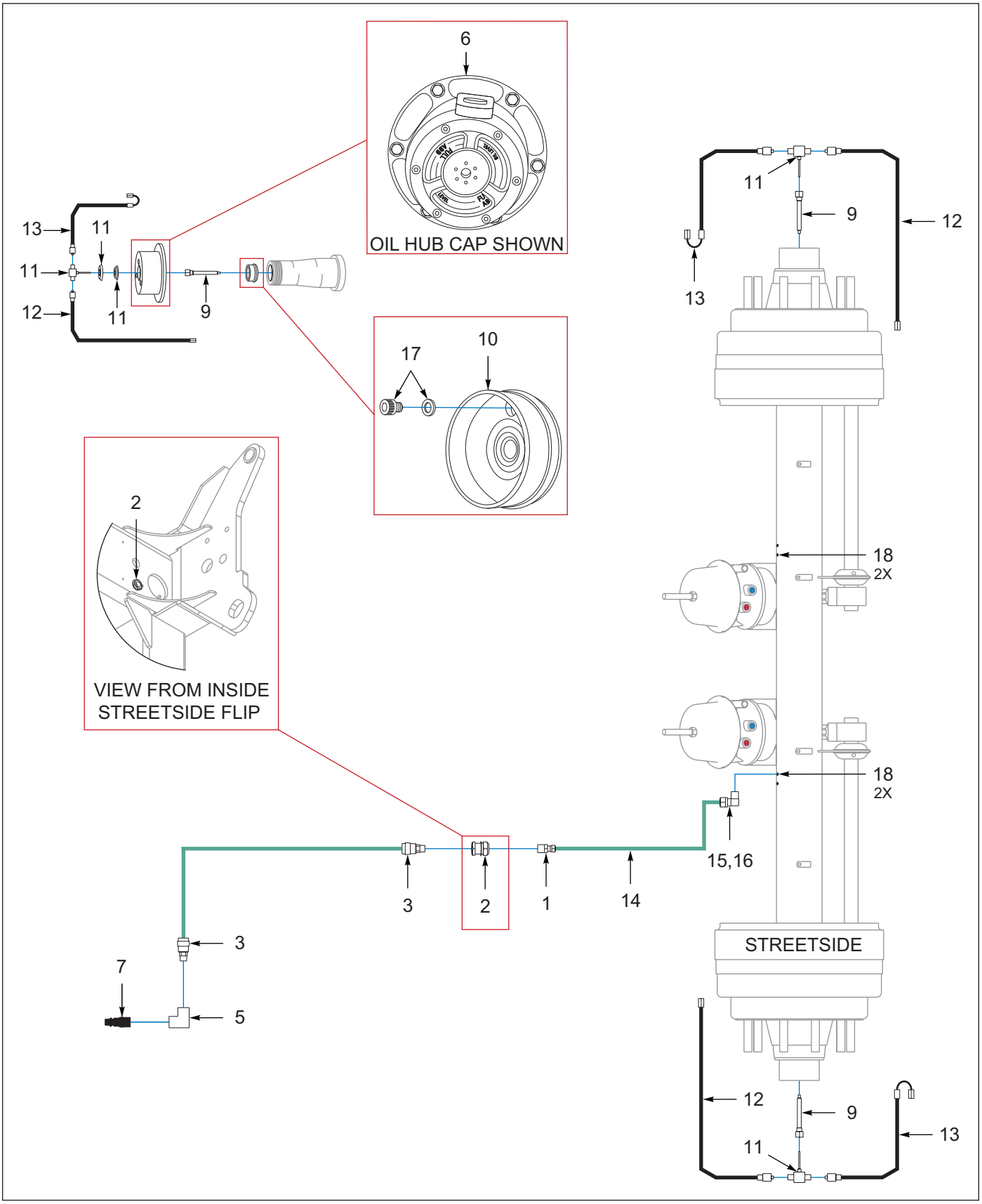


Figure 10-32: Tire Inflation System, Flip Axle Assembly (Option)

Tire Inflation System, Flip Axle Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	225887	MERITOR TIRE INFLATION 800 FLP	- -
1	1-297-010007-06	FITTING,AIR,1/4TUBE TO 3/8NPT	1
2	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT	1
3	1-384-010038038	HOSE ASM AIR 3/8X38,W/3/8 END	1
4	1-796-010003-01	TIE, STRAP, PLASTIC .184X7.31**(NOT SHOWN)**	15
5	194414	ADAPTER 90 FEMALE 3/8NPT	1
6	197613	HUB CAP TIS OIL AXLE **(STANDARD)**	2
6	197318	HUB CAP TIS GREASE AXLE **(OPTION)**	2
7	3-220-010005	COUPLER AIR MALE 3/8-MPT **(PAINTED BY CUSTOMER)**	1
8	207358	THERMALERT TIS FLIP AXLE **(INCLUDES ITEMS 9-14, 16)**	1
9	168616	THERMALERT STATOR & FILTER ASM	2
10	168617	THERMALERT PRESS PLUG ASSY **(INCLUDES ITEM 17)**	2
11	178592	THRU TEE ASSEMBLY 4.25" **(INCLUDES SHIELD & VENT CAP)**	2
12	180839	TIS LONG HOSE **(17" LONG)**	2
13	180840	TIS SHORT HOSE **(13-1/2" LONG)**	2
14	- - - - -	TUBING NYLON 1/4 LT GREEN 25FT **(INCLUDED WITH ITEM 8)**	- -
15	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT **(BEFORE 10/09/2024)**	- -
16	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT **(INCLUDE WITH ITEM 8)** **(AFTER 10/09/2024)**	1
17	228069	THERMALERT THERMAL PLUG KIT **(INCLUDED WITH ITEM 10)** **(INCLUDES 1 PLUG AND 1 GASKET)**	2
18	1-560-010002-02	PLUG, PIPE, 1/4NPT **(BEFORE 10/09/2024, AXLES CAME WITH 3 AIR HOLES, UNUSED AIR HOLES WERE WELDED SHUT)** **(AFTER 10/09/2024, AXLES COME WITH 4 HEX PLUGGED AIR HOLES, UNUSED AIR HOLES MUST REMAIN SEALED)**	1

Cylinder Components, Gooseneck Load Carrier, 1-3/4

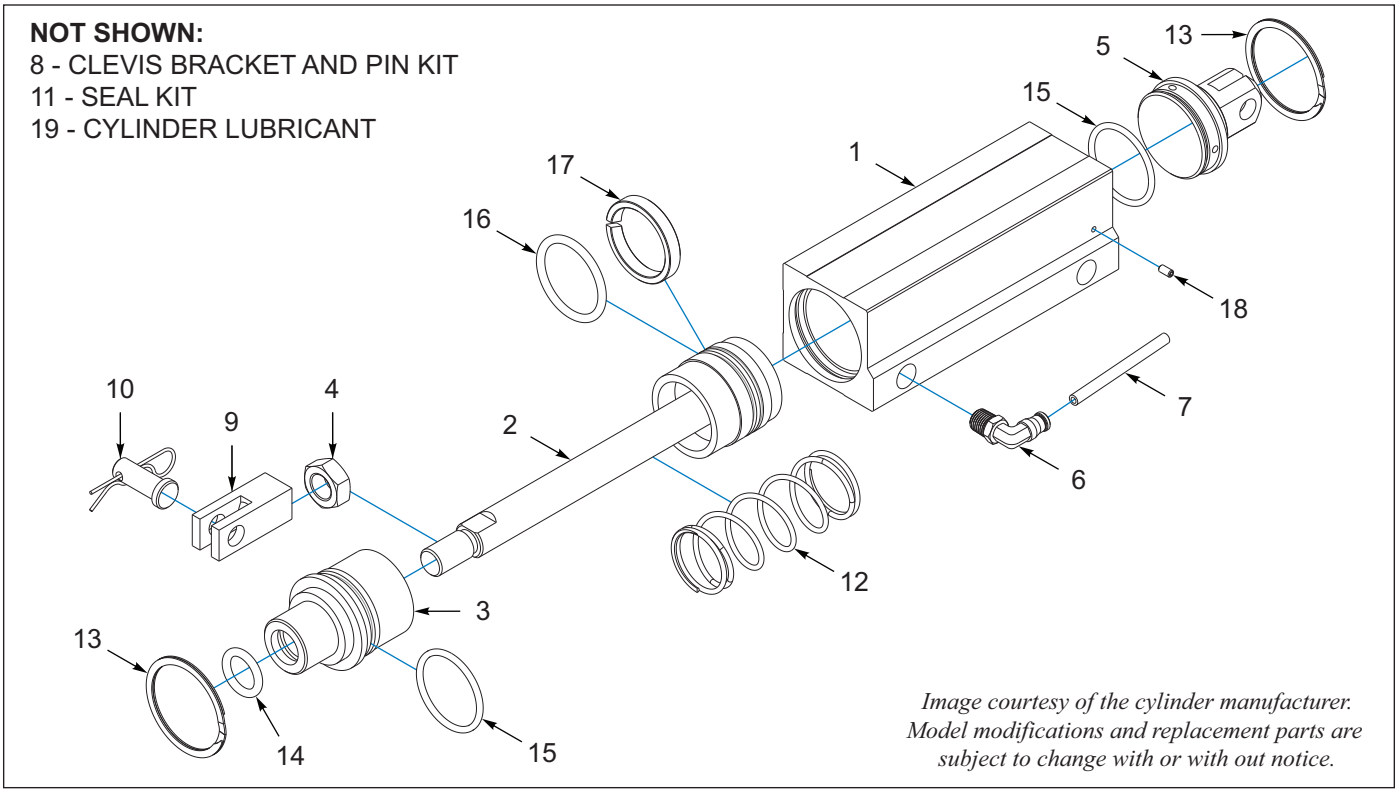


Figure 10-33: Cylinder Components, Gooseneck Load Carrier, 1-3/4

Cylinder Components, Gooseneck Load Carrier, 1-3/4

ITEM	PART NUMBER	DESCRIPTION	QTY.
	235683	CYL AIR 1-3/4 BORE W ROD WIPER	1
1	- - - - -	HOUSING	1
2	- - - - -	ROD & PISTON ASSEMBLY	1
3	- - - - -	HEAD W/ BEARING	1
4	- - - - -	JAM NUT	1
5	- - - - -	REAR CLEVIS	1
6	- - - - -	ELBOW FITTING	1
7	- - - - -	1/4 IN OD TUBE	1
8	239780	CLEVIS BRACKET AND PIN KIT **(KIT INCLUDES ITEMS 9-10)**	1
9	- - - - -	ROD CLEVIS	1
10	- - - - -	CLEVIS PIN ASSEMBLY	1
11	233148	SEAL KIT, AIR CYL 1-3/4 W/ WPR **(KIT INCLUDES ITEMS 12-19)**	1
12	- - - - -	SPRING	1
13	- - - - -	RETAINING WIRE	2
14	- - - - -	ROD SEAL	1
15	- - - - -	HEAD & CAP SEAL	2
16	- - - - -	PISTON SEAL	1
17	- - - - -	WEAR BAND	1
18	- - - - -	SET SCREW	1
19	- - - - -	CYLINDER LUBRICANT	1

Table provided for general use.

NOTES:

System, Electrical

Gooseneck Assembly, Standard Duty & Heavy Duty

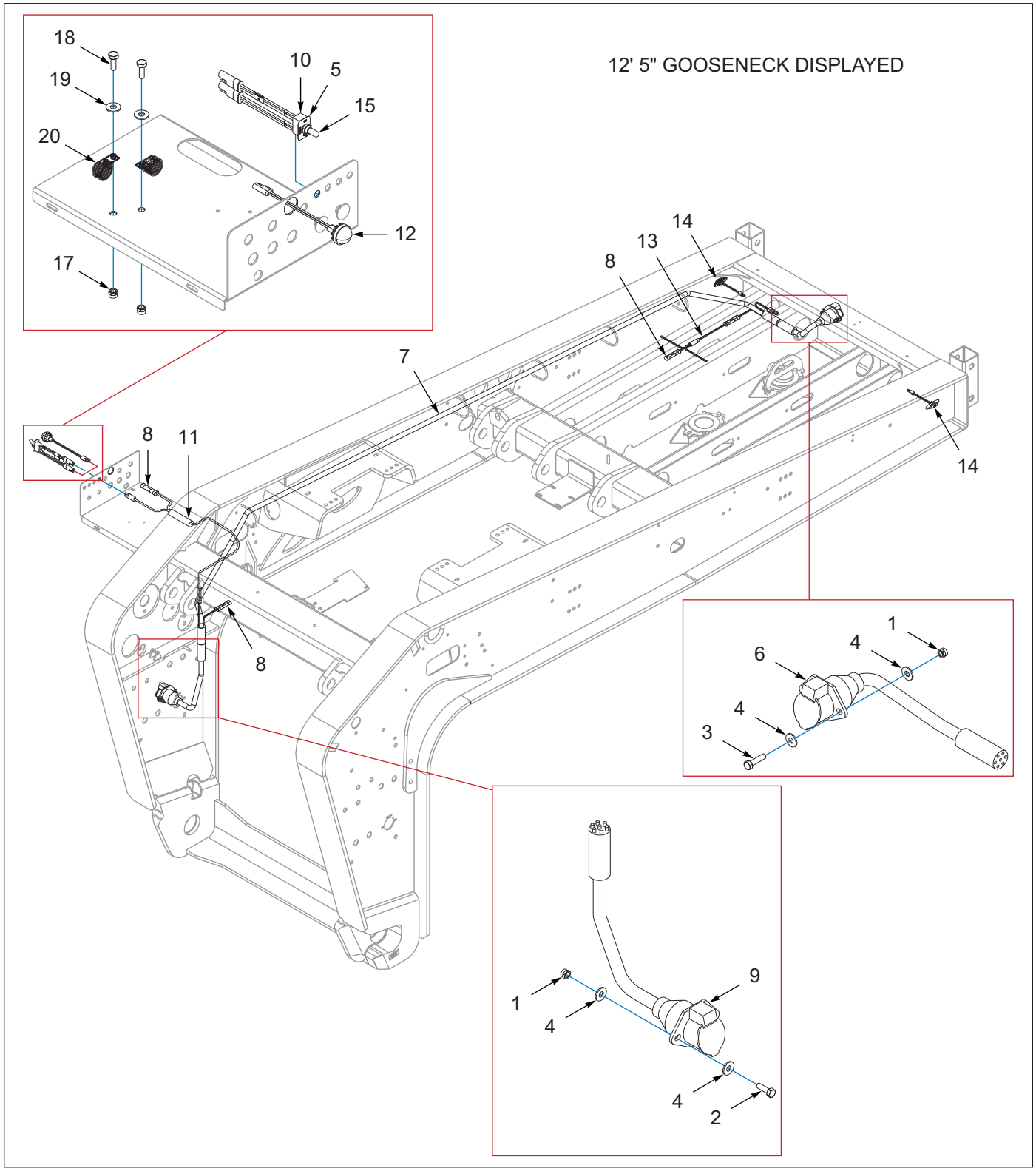


Figure 11-1: Gooseneck Assembly, Standard Duty & Heavy Duty (1 of 2)

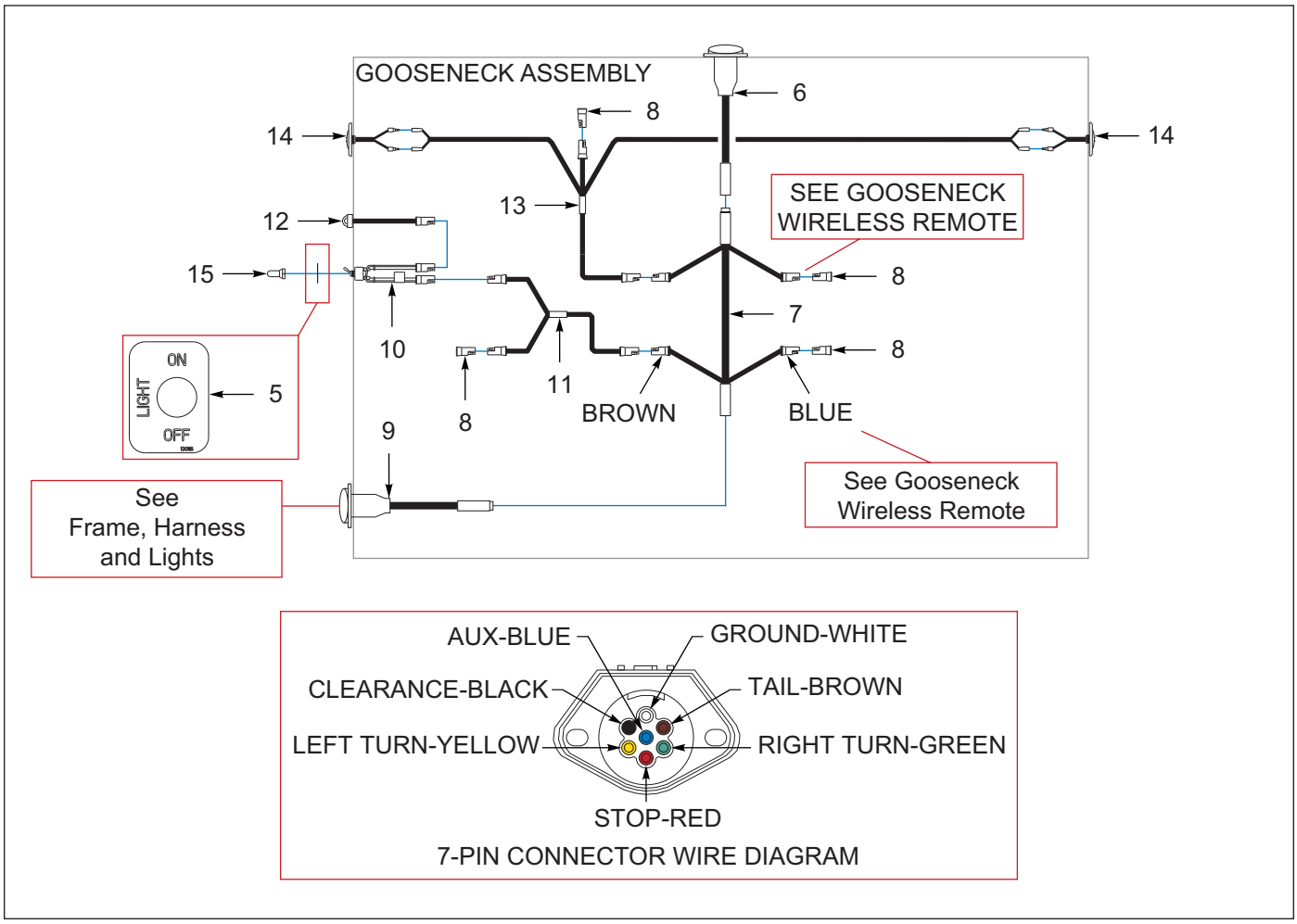


Figure 11-2: Gooseneck Assembly, Standard Duty & Heavy Duty (2 of 2)

Gooseneck Assembly, Standard Duty & Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	197670	GOOSENECK ASSY 855E 12'5"	- -
	200030	GOOSENECK ASSY 855E 10' 9"	- -
	208616	GOOSENECK ASSY 855E 10'9"W/FLP	- -
	199980	GOOSENECK ASSY 855E-HD	- -
1	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	4
2	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	2
3	1-654-010049-06	SCREW,H/CAP,5/16-18UNCX1-1/4	2
4	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	8
5	130116	DECAL, ON/OFF LIGHT	1
6	143100	HARNESS 7WAY RECP GROTE	1
7	143101	HARNESS FRONT MAIN GROTE	1
8	143121	DUMMY PLUG MALE/FEM BULLET	1
9	146897	HARNESS 7WAY RECP REAR GROTE	1
10	150117	SWITCH ASSY LIGHT GROTE	1
11	169853	HARNESS T PWR BRANCH	1
12	185059	LIGHT,LED COURTESY, GROTE	1
13	200036	HARNESS MARKER LFT SMALL END	1
14	213297	LIGHT YEL CLEAR LENS MKR	2

Gooseneck Assembly, Standard Duty & Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
15	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
16	1-796-010004-02	TIE, STRAP,PLASTIC .301X13.38 **(NOT SHOWN)**	20
17	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
18	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
19	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
20	125894	CLAMP, CABLE 5/8 SST	2

Table provided for general use.

NOTES:

Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options)

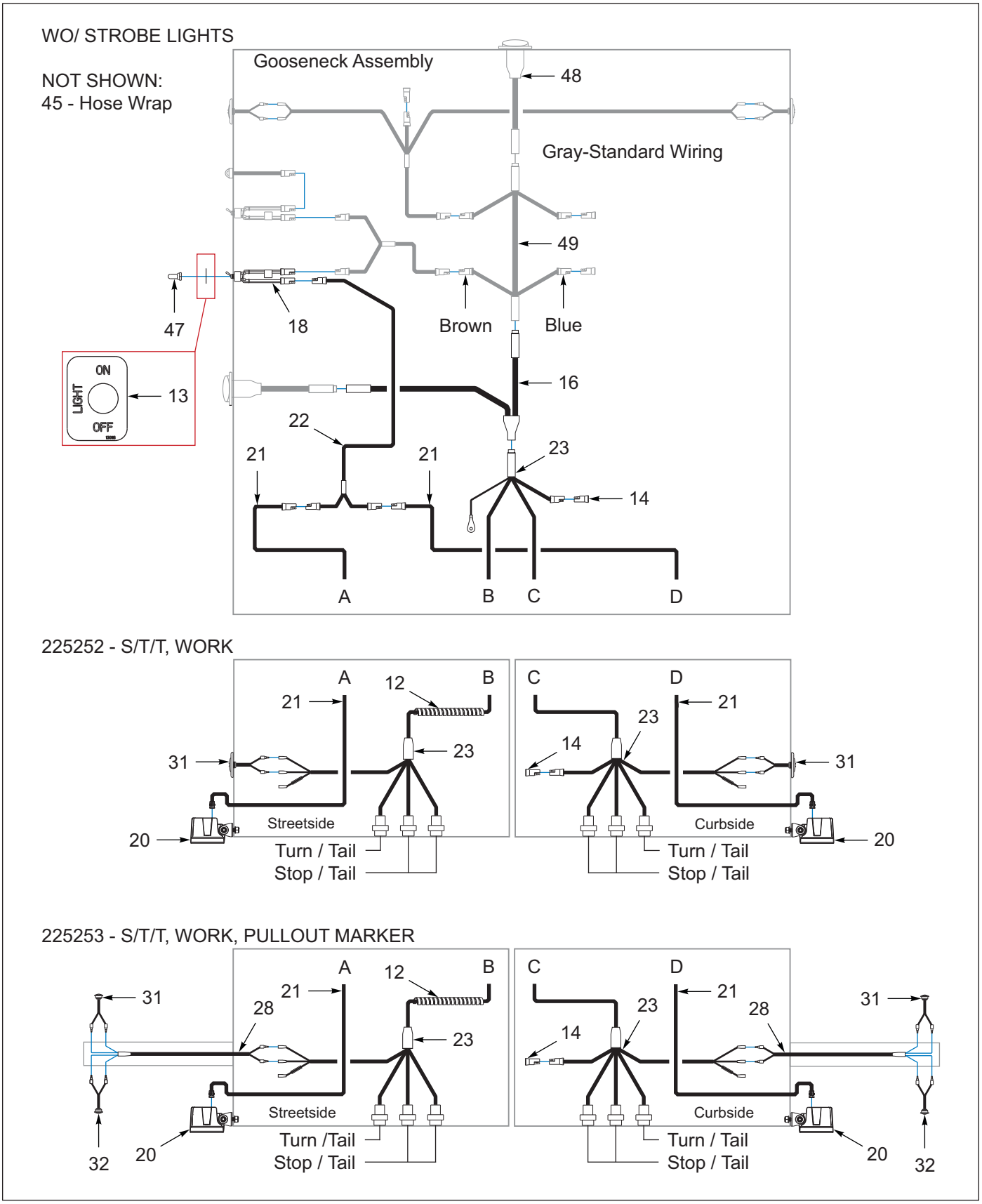


Figure 11-3: Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options) (1 of 3)

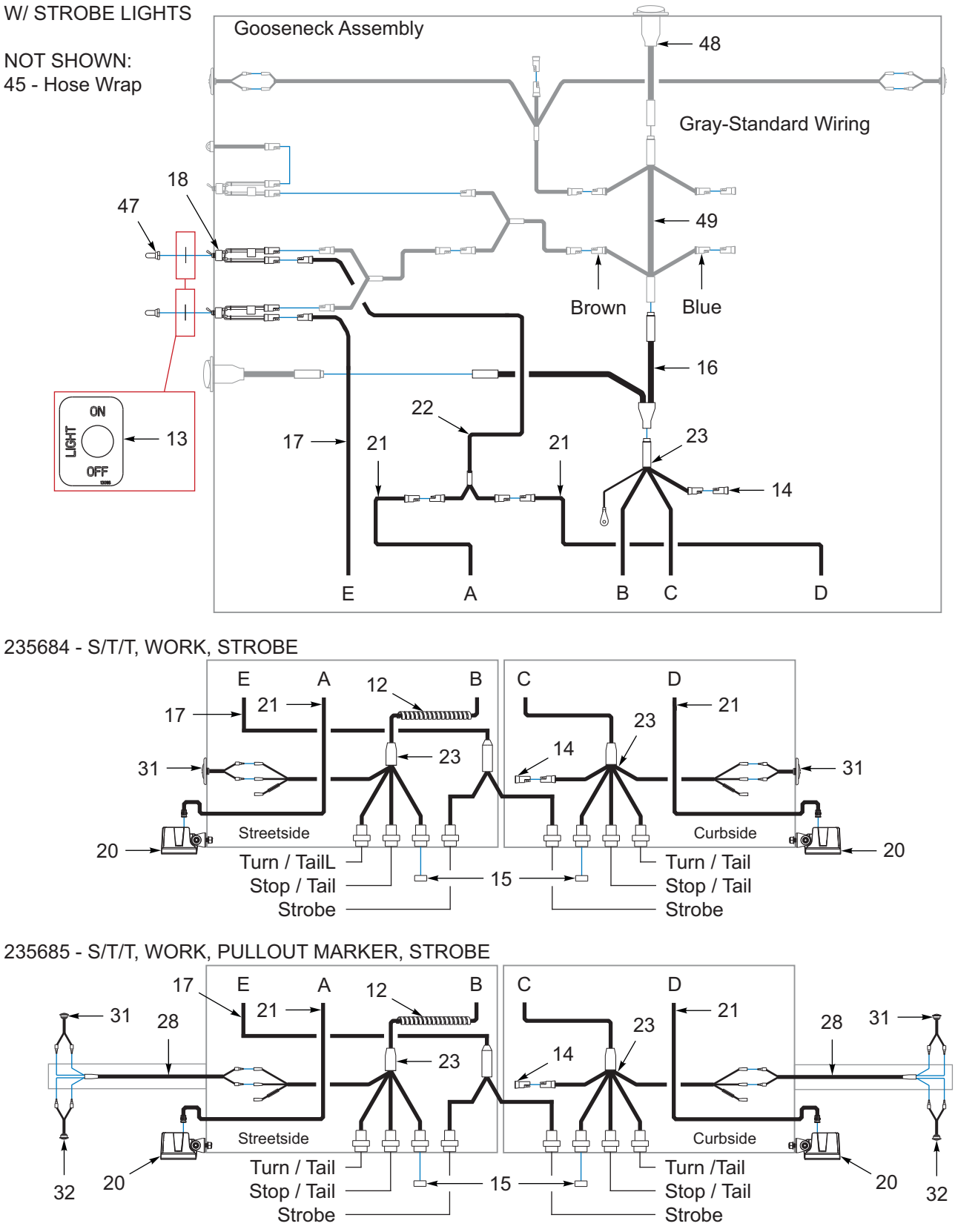


Figure 11-4: Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options) (2 of 3)

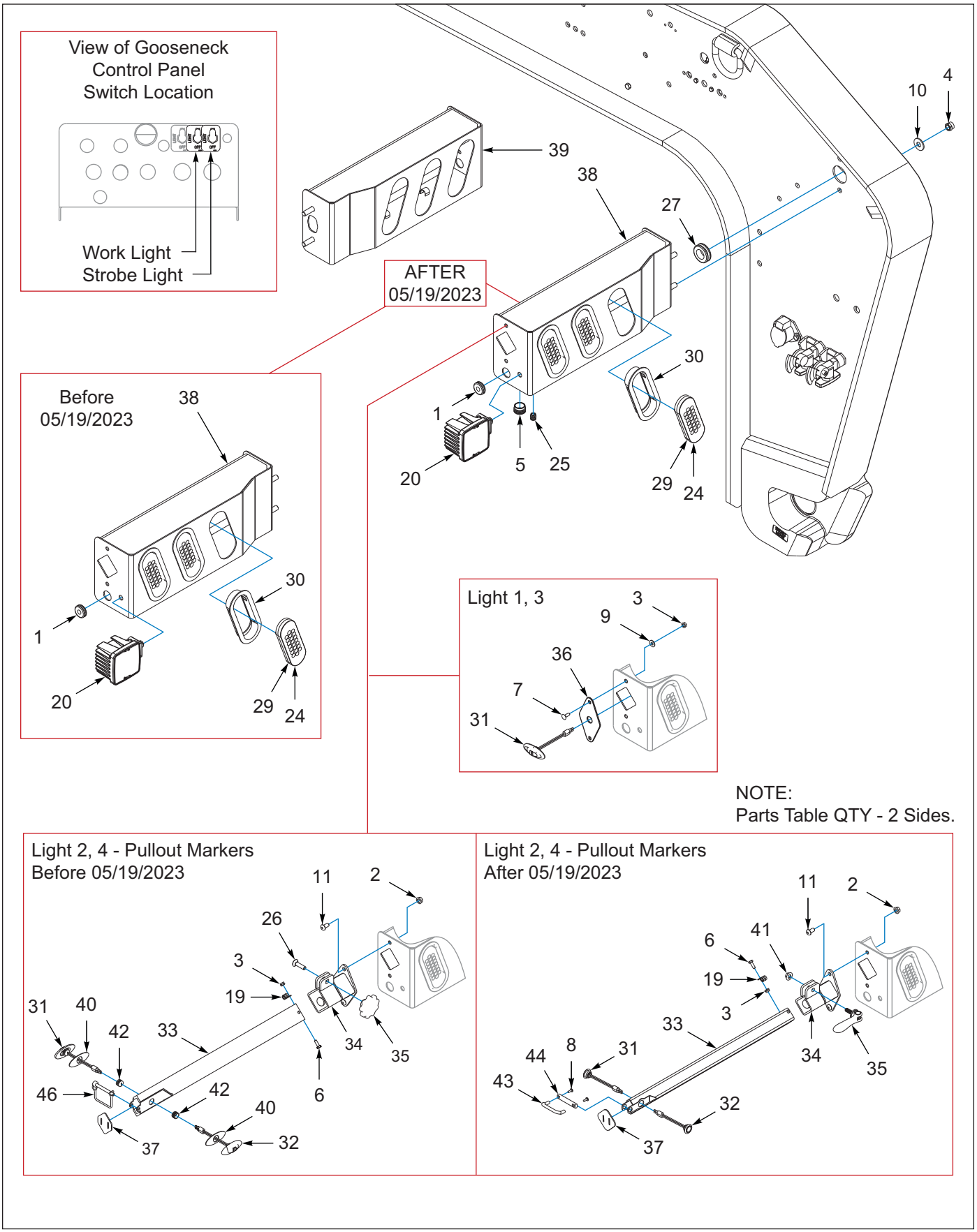


Figure 11-5: Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options) (3 of 3)

Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	225252	LIGHT INSTL,G/N S/T/T,WORK	- -
		(LIGHT 1 - S/T/T, WORK)	
	225253	LIGHT INSTL,G/N S/T/T,WORK,P/O	- -
		(LIGHT 2 - S/T/T, WORK, PULLOUT MARKERS)	
	235684	LIGHT INSTL,G/N S/T/T,WORK,STR	- -
		(LIGHT 3 - S/T/T, WORK, STROBE	
	235685	LIGHT INSTL,G/N S/T/T,W,PO,STR	- -
		(LIGHT 4 - S/T/T, WORK, PULLOUT MARKERS, STROBE)	
1	1-343-010001	GROMMET RUB 1-3/8ODX3/4IDX1/8	2
2	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G **(LIGHT 2, 4)**	4
3	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	- -
		(LIGHT 1, 3, REQ 4 EACH) (LIGHT 2, 4, REQ 2 EACH)	
4	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
5	1-578-010015-14	PLUG, PLASTIC PANEL 1-1/8 **(AFTER 05/19/2023)**	2
6	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5 **(LIGHT 2, 4)**	2
7	1-654-010158-1	SCREW,RHD,SQ NCK,1/4-20UNCX3/4 **(LIGHT 1, 3)**	4
8	1-656-010003026	SCREW,RD HD MACH 1/2X8-32 ZP	4
		(LIGHT 2, 4 - AFTER 05/19/2023)	
9	1-861-010032-07	WASHER,FLAT 1/4 ZP **(LIGHT 1, 3)**	4
10	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	4
11	111899	SCREW,BHSC 3/8-16UNCX3/4 **(LIGHT 2, 4)**	4
12	118914	HOSE WRAP SPIRAL 1ID **(BY THE FOOT)**	1
		(USE BEHIND LOAD RATCHET AIR CYLINDER)	
13	130116	DECAL, ON/OFF LIGHT	- -
		(LIGHT 1-2, REQ 1 EACH) (LIGHT 3-4, EQ 2 EACH)	
14	143121	DUMMY PLUG MALE/FEM BULLET	1
15	144608	DUMMY PLUG FOR FEMALE PLUG **(LIGHT 3-4)**	2
16	146929	HARNESS Y SPLITTER GROTE	1
17	150114	HARNESS BUMPER STROBE GROTE **(LIGHT 3-4)**	1
18	150117	SWITCH ASSY LIGHT GROTE	- -
		(LIGHT 1-2, REQ 1 EACH) (LIGHT 3-4, REQ 2 EACH)	
19	162290	CLAMP, CABLE 1/4 SST **(LIGHT 2, 4)**	2
20	163996	LIGHT,12V SQUARE LED FLOOD	2
21	164052	HARNESS,60”BRANCH,WORK LIGHT	2
22	169853	HARNESS T PWR BRANCH	1
23	187859	HARNESS BUMPER MICRONOVA GROTE	1
24	187869	LIGHT STROBE YEL CLEAR LENS GR **(LIGHT 3-4)**	2
25	189278	PLUG, PLASTIC PANEL 1/2 & 9/16 **(AFTER 05/19/2023)**	2
26	195009	SCREW,RD HD 3/8-16X1-1/2 GR5	2
		(LIGHT 2, 4 - BEFORE 05/19/2023)	
27	237-2308-012	GROMMET, 1.125 ID **(BEFORE 01/17/2022)**	2
27	239842	GROMMET, HOLE 1-3/4IN-3/8T	2
		(AFTER 01/17/2022, REQ 2-1/4" HOLE)	
28	204194	HARNESS MARKER EXT. 60" **(LIGHT 2, 4)**	2
29	213295	LIGHT CLEAR LENS S/T/T **(RED)**	- -
		(LIGHT 1-2, REQ 6 EACH) (LIGHT 3-4, REQ 4 EACH)	
30	213296	CHROME FLAT OBLONG **(CHROME)**	6
30	143114	GROMMET OVAL GROTE **(BLACK PVC)**	6

Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
31	213297	LIGHT YEL CLEAR LENS MKR **(REQ ITEM 40)** **(LIGHT 1, 3 REQ 2 EACH)** **(LIGHT 2, 4 - BEFORE 05/19/2023, REQ 2 EACH, ALSO GROMMET SUPPLIED TOO THICK, ORDER ITEM 42)**	- -
31	175591	LIGHT YEL LED .75 CL.MK GROTE **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
32	213298	LIGHT RED CLEAR LENS MKR **(REQ ITEM 40)** **(LIGHT 2, 4 - BEFORE 05/19/2023, REQ 2 EACH, ALSO GROMMET SUPPLIED TOO THICK, ORDER ITEM 42)**	2
32	175592	LIGHT RED LED .75 CL.MK GROTE **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
33	223087	TUBE WLDMT, P/O MKR LIGHT **(LIGHT 2, 4 - BEFORE 05/19/2023)**	2
33	244332	TUBE WLDMT,P/O MRKR LIGHT **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
34	223089	CLAMP WLDMT, P/O MKR LIGHT **(LIGHT 2, 4 - BEFORE 05/19/2023)**	2
34	244333	CLAMP WLDMT,P/O MRKR LIGHT **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
35	223122	KNOB,ALUM,2-3/4,3/6-16 THD **(LIGHT 2, 4 - BEFORE 05/19/2023)**	2
35	244222	HANDLE,CAM 3/8-16 THRD **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
36	223128	PLATE,MTG,MARKER LIGHT **(LIGHT 1, 3)**	2
37	223129	CAP,END P/O LIGHT **(LIGHT 2, 4 - BEFORE 05/19/2023)**	2
37	244228	CAP,END P/O LIGHT **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
38	225245	GALV OF 225243 LH S/T/T MT **(BEFORE 05/19/2023)**	1
38	244561	GALV OF 244559 LH S/T/T **(AFTER 05/19/2023)**	1
39	225246	GALV OF 225244 RH S/T/T MT **(BEFORE 05/19/2023)**	1
39	244563	GALV OF 244560 RH S/T/T **(AFTER 05/19/2023)**	1
40	227811	DOUBLE SIDED MOUNTING TAPE **(1 PER LIGHT)** **(BEFORE 05/19/2023, USED ON ITEMS 31-32)** **(AFTER 05/19/2023, USED ON LIGHT 1, 3 - ITEM 31 - 213297 ONLY)**	1
41	233400	NUT,3/8-16 WIDE FLG TOP LCK F **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
42	239029	GROMMET,SHORT,MICRONOVA **(LIGHT 2, 4 - BEFORE 05/19/2023, USED ON ITEM 31-32)** **(AFTER 05/19/2023, NOT USED)**	4
43	244223	PULL,2-1/2"HNDL,8-32 INTL THD **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
44	244331	BAR,RD 1/2 DIA X 2-7/8 **(LIGHT 2, 4 - AFTER 05/19/2023)**	2
45	43029	HOSE WRAP AEROQUIP 1/4 **(WRAP ITEM 19)**	4
46	516-22PTL	RETAINING PIN MUD FLAP **(LIGHT 2, 4 - BEFORE 05/19/2023)**	2
47	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)** **(LIGHT 1-2, REQ 1 EACH) (LIGHT 3-4, REQ 2 EACH)**	- -
48	143100	HARNESS 7WAY RECP GROTE **(GOOSENECK - SEE PAGE 11-1)**	1
49	143101	HARNESS FRONT MAIN GROTE **(GOOSENECK - SEE PAGE 11-1)**	1

Table provided for general use.

NOTES:

Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

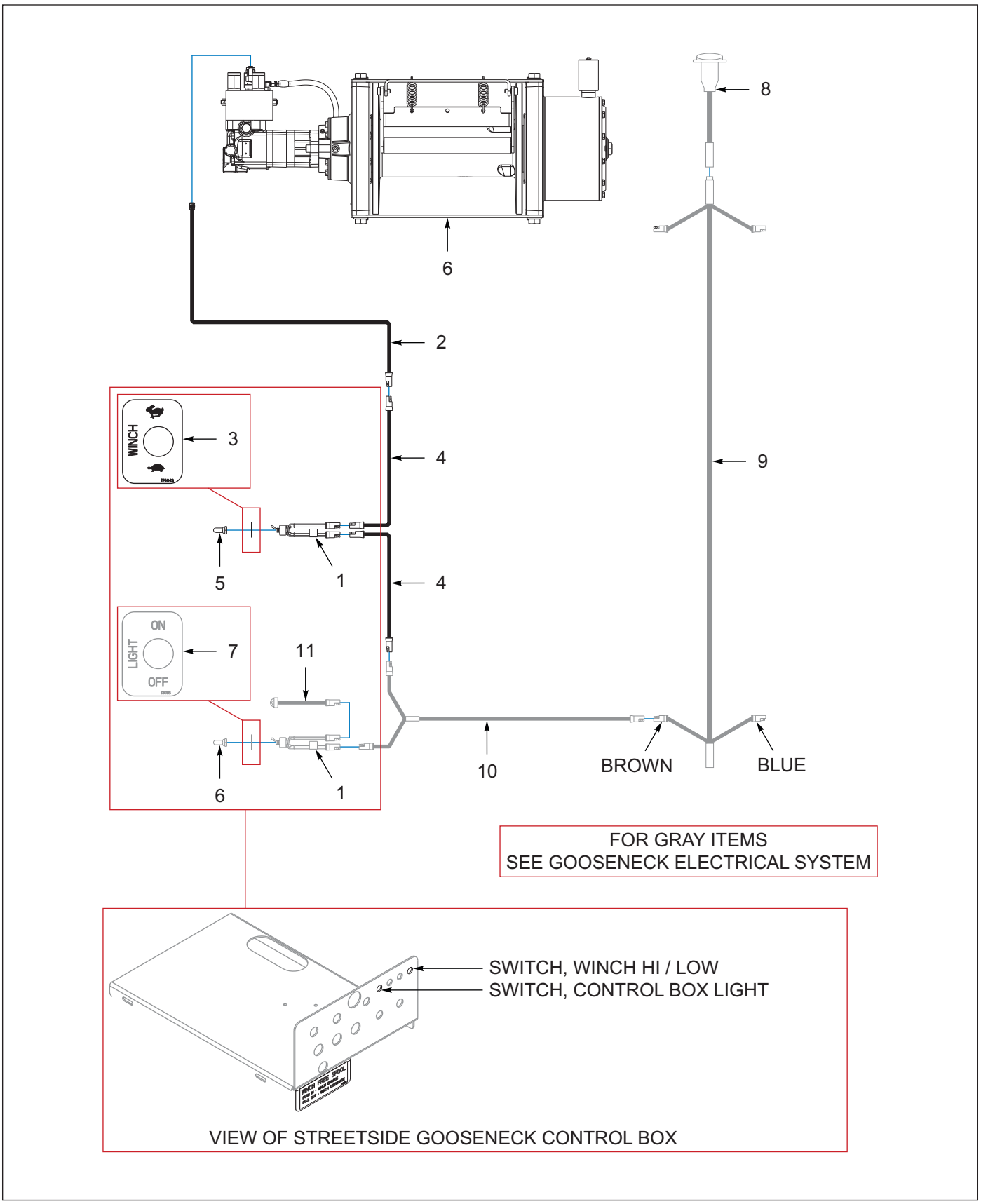


Figure 11-6: Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	245567	WINCH INSTL 20K BRADEN 2S 855E **(20K)**	- -
	- - - - -	WINCH INSTL 30K BRADEN 2SPD **(30K)**	- -
1	150117	SWITCH ASSY LIGHT GROTE	1
2	164052	HARNESS,60”BRANCH,WORK LIGHT	1
3	174043	DECAL, WINCH, HI/LO	1
4	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
5	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
6	239740	WINCH 20K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-13)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-11)** **(WINCH MOUNTING - SEE PAGE 8-3)**	1
6	239745	WINCH 30K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-13)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-11)** **(WINCH MOUNTING - SEE PAGE 8-3)**	1
7	130116	DECAL, ON/OFF LIGHT	- -
8	143100	HARNESS 7WAY RECP GROTE **(SEE PAGE 11-1)**	- -
9	143101	HARNESS FRONT MAIN GROTE **(SEE PAGE 11-1)**	- -
10	169853	HARNESS T PWR BRANCH **(SEE PAGE 11-1)**	- -
11	185059	LIGHT,LED COURTESY, GROTE **(SEE PAGE 11-1)**	- -

Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

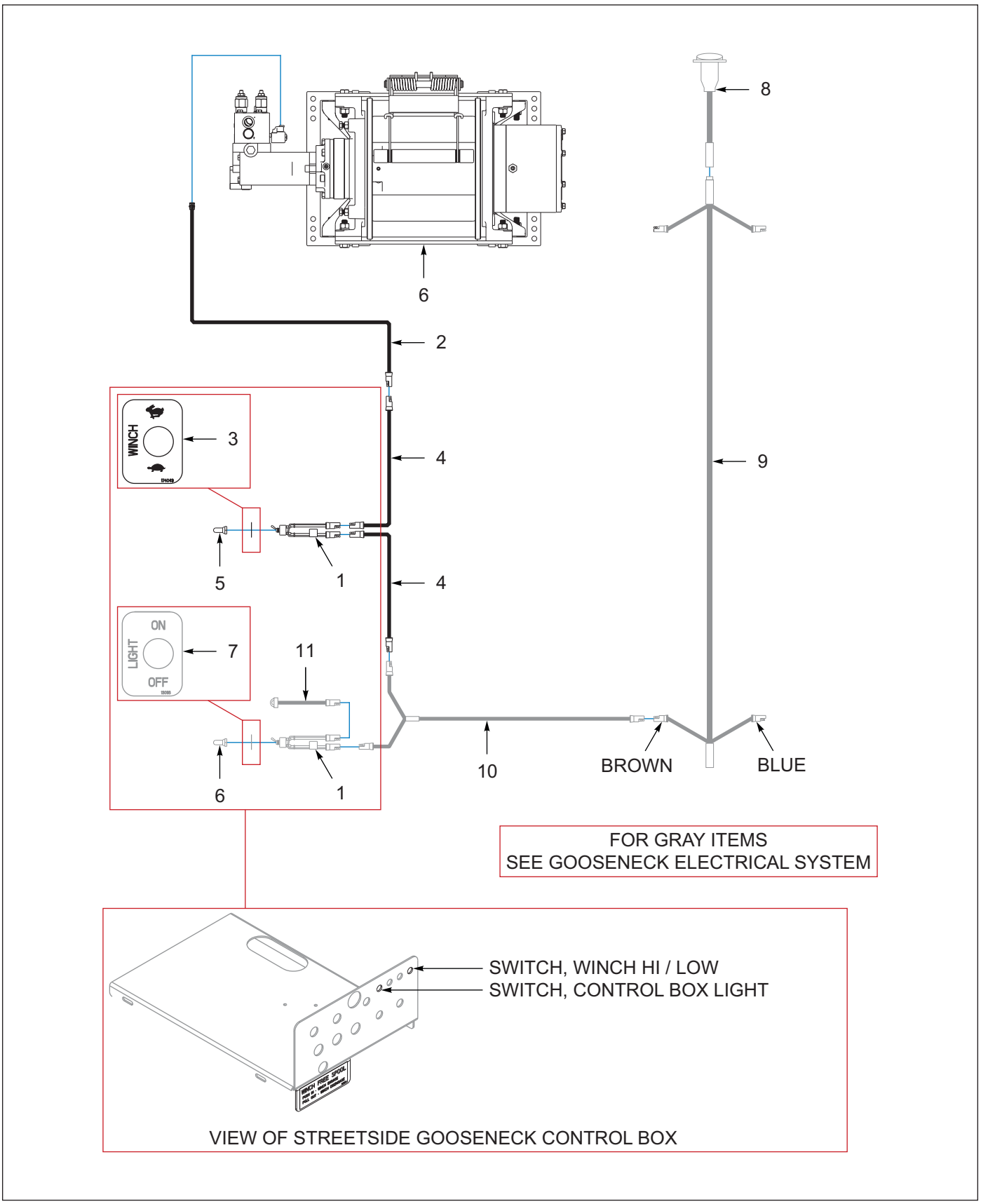


Figure 11-7: Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	242730	WINCH INSTL 20K RAMSEY 855E	- -
1	150117	SWITCH ASSY LIGHT GROTE	1
2	164052	HARNESS,60"BRANCH,WORK LIGHT	1
3	174043	DECAL, WINCH, HI/LO	1
4	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
5	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
6	240526	WINCH 20K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-15)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-13)** **(WINCH MOUNTING - SEE PAGE 8-5)**	1
7	130116	DECAL, ON/OFF LIGHT	- -
8	143100	HARNESS 7WAY RECP GROTE **(SEE PAGE 11-1)**	- -
9	143101	HARNESS FRONT MAIN GROTE **(SEE PAGE 11-1)**	- -
10	169853	HARNESS T PWR BRANCH **(SEE PAGE 11-1)**	- -
11	185059	LIGHT,LED COURTESY, GROTE **(SEE PAGE 11-1)**	- -

Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option)

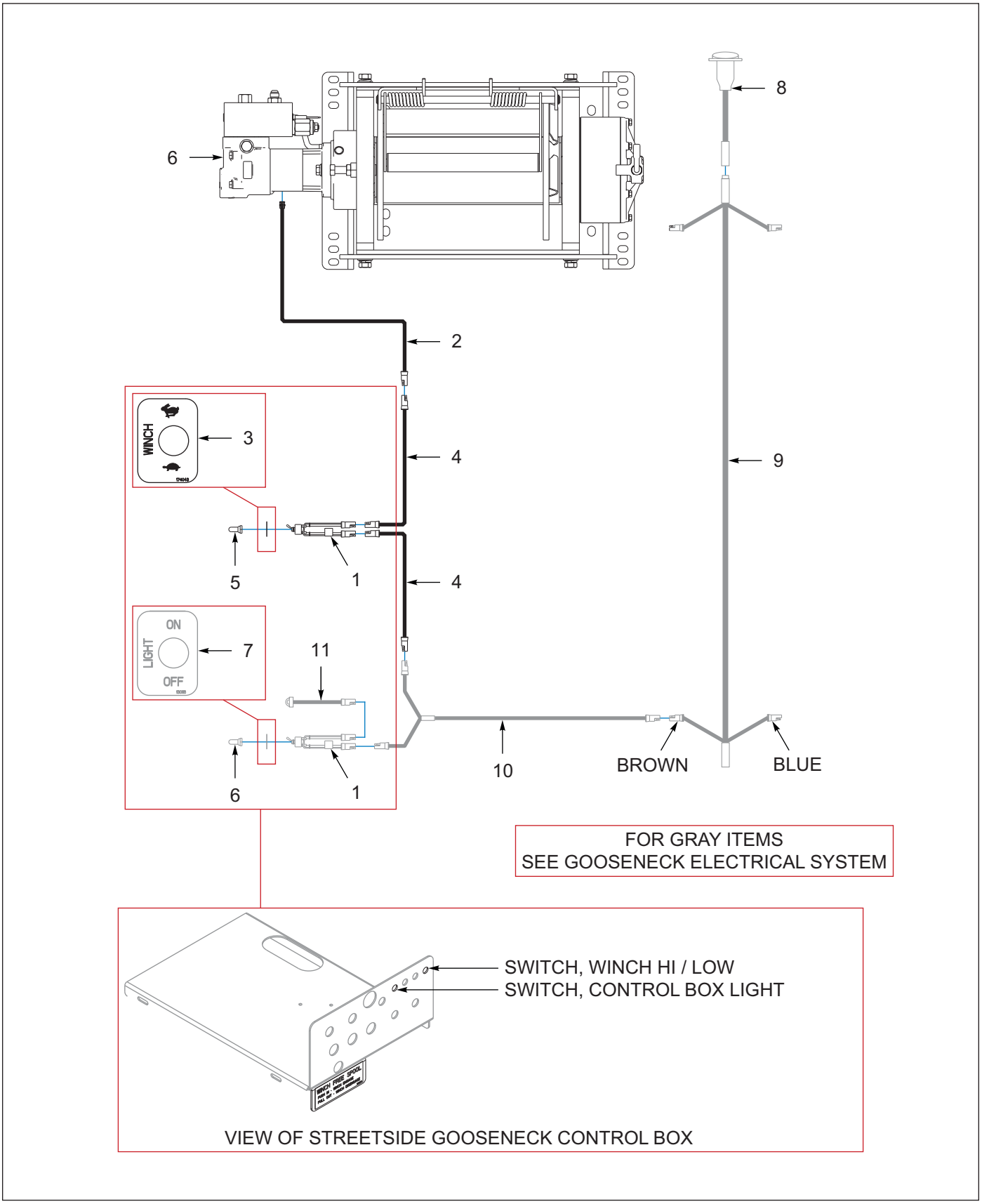


Figure 11-8: Gooseneck, Winch Installation, Warn 20/30K 2 Speed (Option)

Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	212154	WINCH INSTL 20K WARN 855E	- -
	205329	WINCH INSTL 30K WARN 855E	- -
1	150117	SWITCH ASSY LIGHT GROTE	1
2	164052	HARNESS,60”BRANCH,WORK LIGHT	1
3	174043	DECAL, WINCH, HI/LO	1
4	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
5	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
6	204959	WINCH ASSY WARN 20K 800 **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-17)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-15)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1
6	204958	WINCH ASSY WARN 30K 800 **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-17)** **(SYSTEM, HYDRAULIC - SEE PAGE 12-15)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1
7	130116	DECAL, ON/OFF LIGHT	- -
8	143100	HARNESS 7WAY RECP GROTE **(SEE PAGE 11-1)**	- -
9	143101	HARNESS FRONT MAIN GROTE **(SEE PAGE 11-1)**	- -
10	169853	HARNESS T PWR BRANCH **(SEE PAGE 11-1)**	- -
11	185059	LIGHT,LED COURTESY, GROTE **(SEE PAGE 11-1)**	- -

Frame, Harness and Lights (Before 03/01/2022)

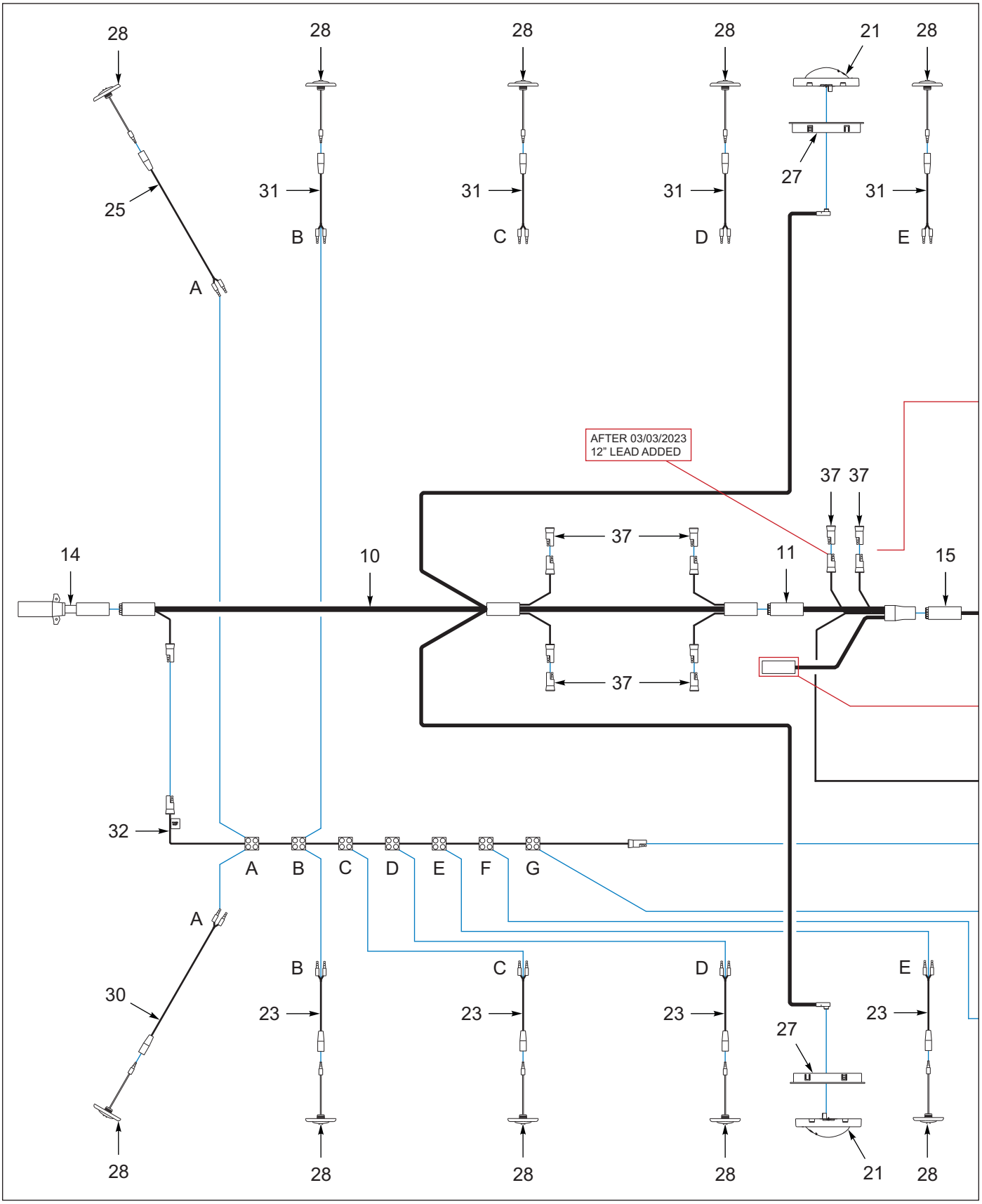


Figure 11-9: Frame, Harness and Lights (Before 03/01/2022) (1 of 3)

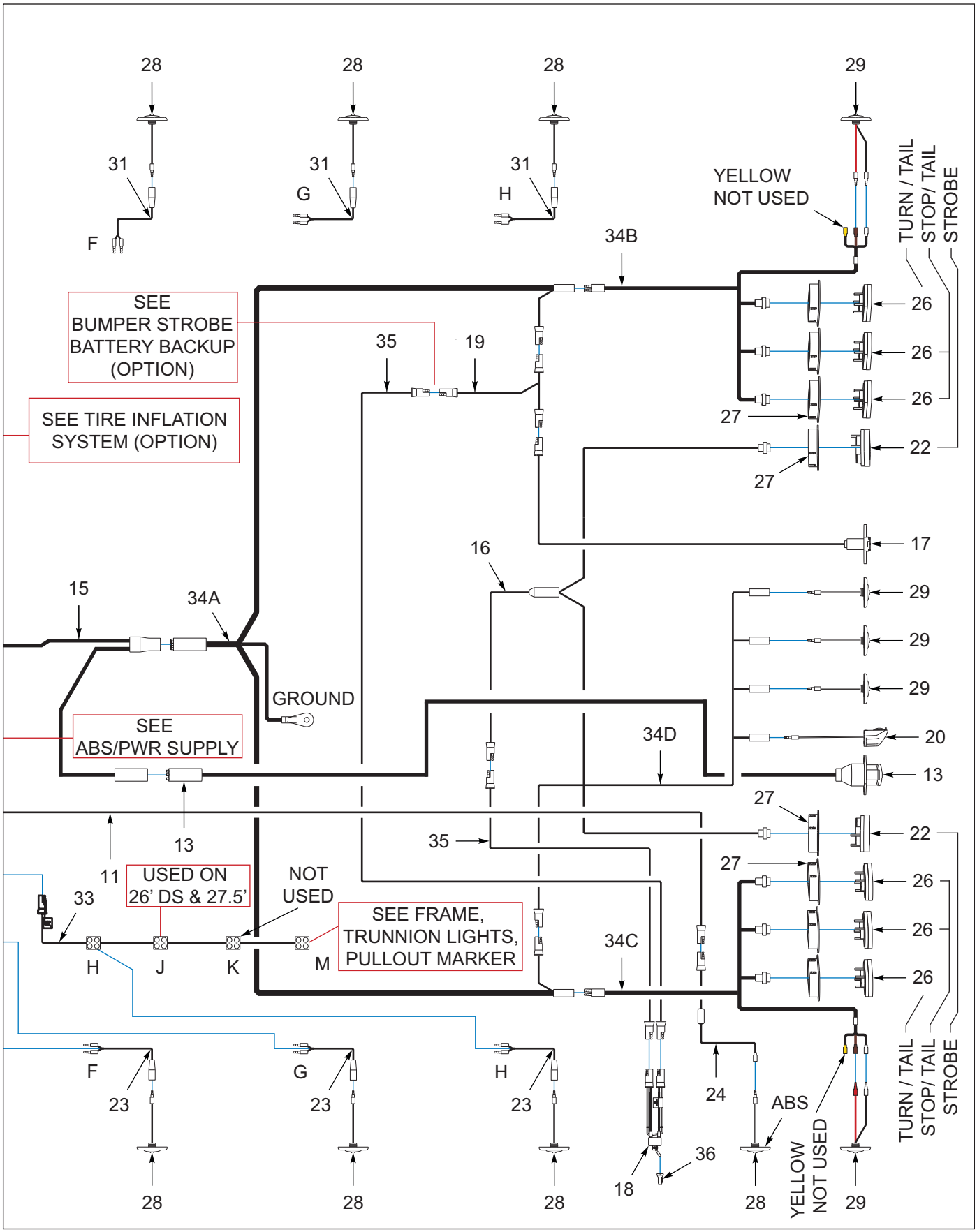


Figure 11-10: Frame, Harness and Lights (Before 03/01/2022) (2 of 3)

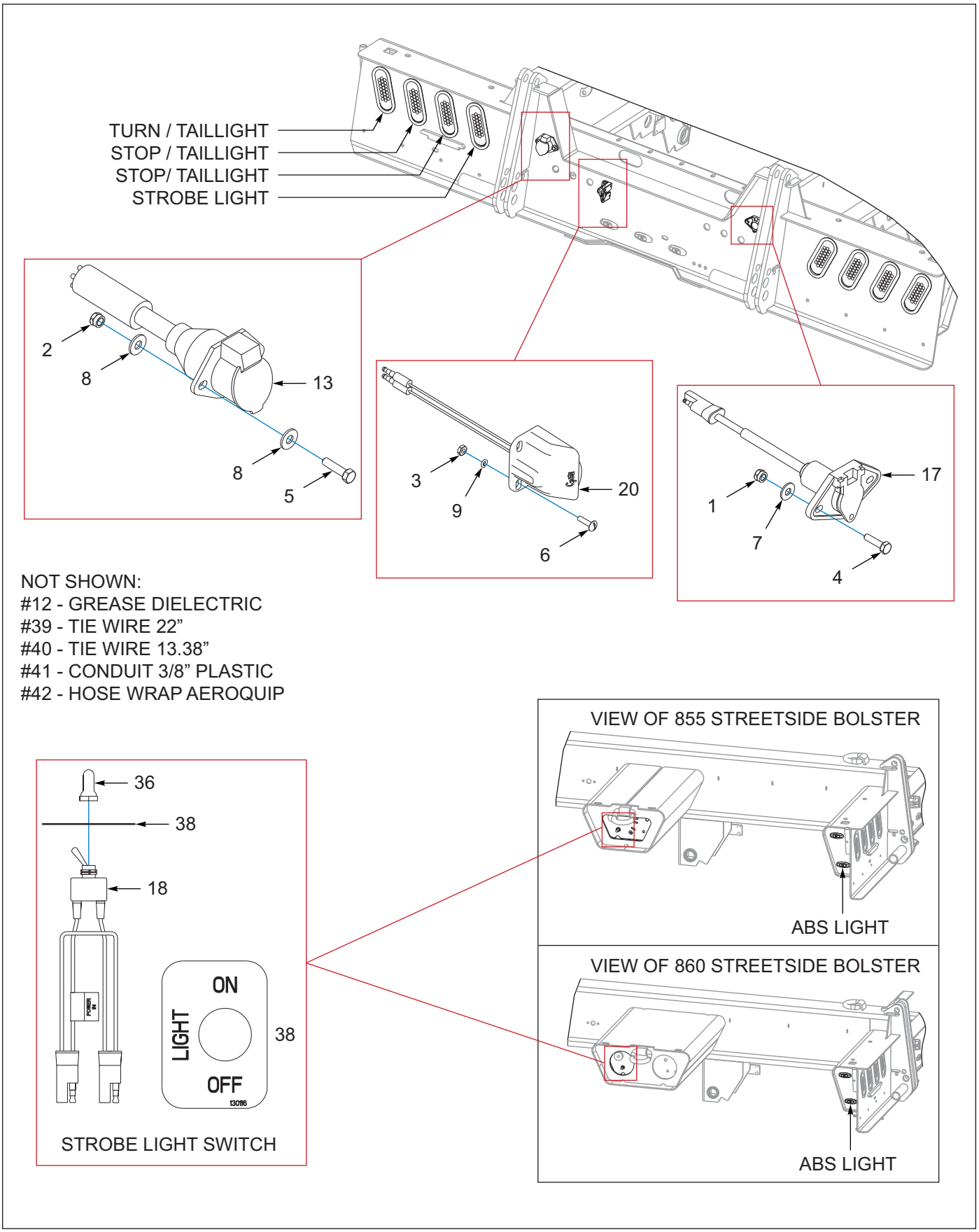


Figure 11-11: Frame, Harness and Lights (Before 03/01/2022) (3 of 3)

Frame, Harness and Lights (Before 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	231421	FRAME ASSY 855F-25 60AX **(25', 26', 26' DROPSIDE, 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
3	1-512-010007-03	NUT, HEX 10-24 GR2 ZP	2
4	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
5	1-654-010049-06	SCREW,H/CAP,5/16-18UNCX1-1/4	2
6	1-656-010003051	SCREW,RH HD MACH 10-24X3/4	2
7	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
8	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	4
9	1-861-010034-07	WASHER,LKG,HLCL SPR, NO 10	2
10	143102	HARNESS BED MAIN GROTE **(OLD STYLE SHOWN)** **(AFTER 03/09/2023, NEW STYLE - SEE PAGE 11-23)**	1
11	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)**	1
12	143123	GREASE DIELECTRIC 4 OZ TUBE **(NOT SHOWN)**	0.5
13	146897	HARNESS 7WAY RECP REAR GROTE	1
14	146898	HARNESS 7WAY PLUG G/N GROTE	1
15	146929	HARNESS Y SPLITTER GROTE	1
16	150114	HARNESS BUMPER STROBE GROTE	1
17	150116	HARNESS ASSY RCPT 800	1
18	150117	SWITCH ASSY LIGHT GROTE	1
19	150118	HARNESS JUMPER BRANCH	1
20	187860	LIGHT ASSY LICENSE LED GROTE **(COMPONENTS - SEE PAGE 11-47)**	1
21	187868	LIGHT MID-TURN LED CLEAR LENS	2
22	187869	LIGHT STROBE YEL CLEAR LENS GR	2
23	191568	HARNESS MARKER LAMP MICRONOVA **(25', 25.5', 26', 26.5' REQ 7 EACH) (26' DS, 27.5', REQ 8 EACH)**	- -
24	200037	HARNESS ABS LIGHT SHORT	1
25	202432	HARNESS, MARKER EXT 120"	1
26	213295	LIGHT CLEAR LENS S/T/T	6
27	143114	GROMMET OVAL GROTE **(BLACK PVC)**	10
27	213296	FLANGE CHROME FLAT OBLONG **(CHROME)**	10
28	213297	LIGHT YEL CLEAR LENS MKR **(25', 25.5' 26', 26.5' REQ 17 EACH) (26' DS, 27.5', REQ 19 EACH)**	- -
29	213298	LIGHT RED CLEAR LENS MKR	5
30	225261	HARNESS,72" MKR EXTENSION	1
31	225262	HARNESS,84" MKR EXTENSION **(25', 25.5' 26', 26.5' REQ 7 EACH) (26' DS, 27.5', REQ 8 EACH)**	- -
32	225264	HARNESS,MKR JUMPER,7 LEAD	1
33	225265	HARNESS,MKR JUMPER,4 LEAD	1
34	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 34A-34D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATELY)**	1
35	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
36	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
37	143121	DUMMY PLUG MALE/FEM BULLET	5
38	130116	DECAL, ON/OFF LIGHT	1

Frame, Harness and Lights (Before 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY.
39	1-796-010001	TIE WIRE 22 PLASTIC **(NOT SHOWN)**	5
40	1-796-010004-02	TIE, STRAP,PLASTIC .301X13.38 **(NOT SHOWN)**	50
41	3-201-010002	CONDUIT 3/8 PLASTIC FLEX **(NOT SHOWN) (BY THE FOOT)**	8
42	43029	HOSE WRAP AEROQUIP 1/4 **(WRAP AROUND BUMPER HARNESS) (NOT SHOWN) (BY THE FOOT)**	3

Table provided for general use.

NOTES:

Frame, Harness and Lights (After 03/01/2022)

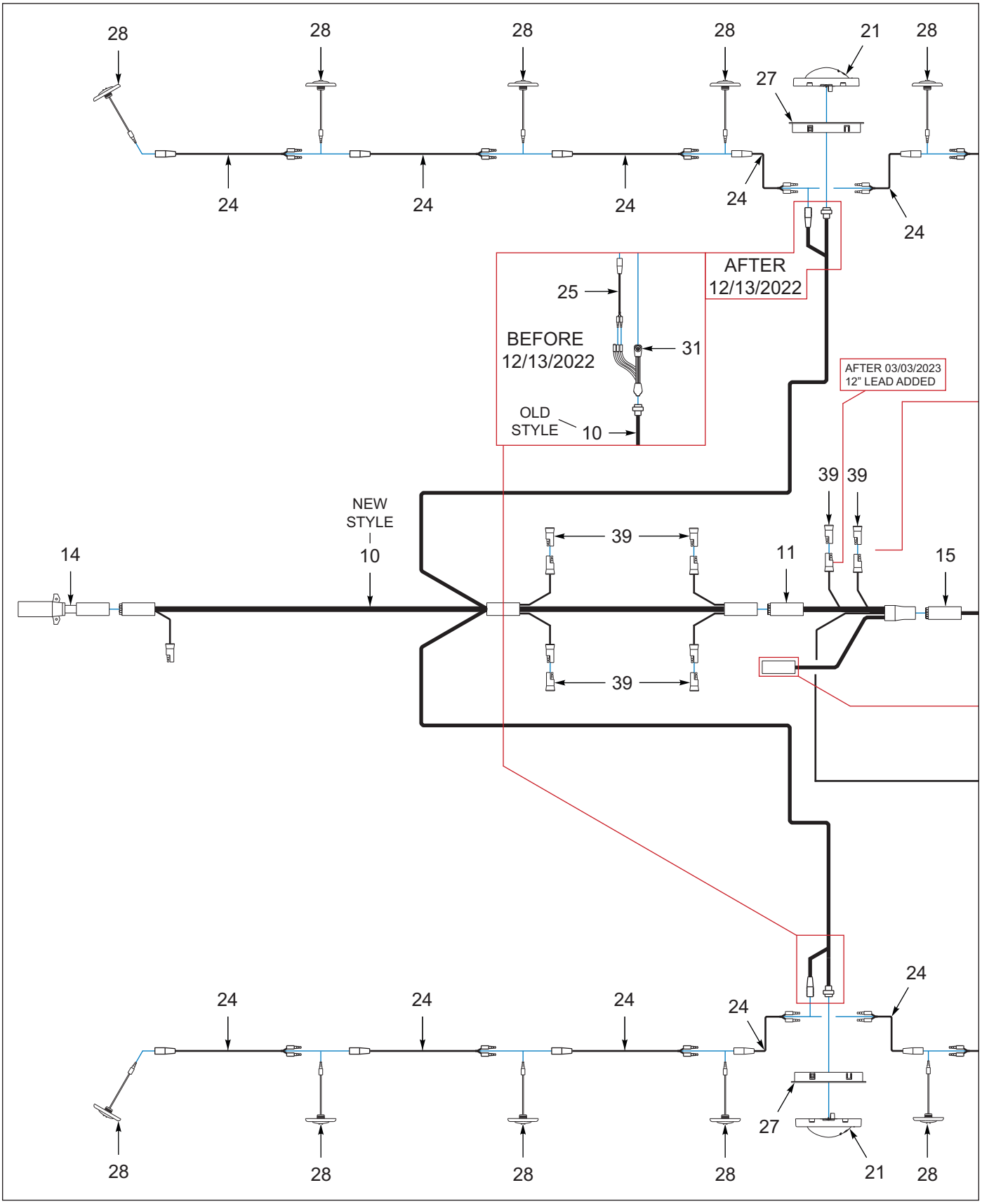


Figure 11-12: Frame, Harness and Lights (After 03/01/2022) (1 of 3)

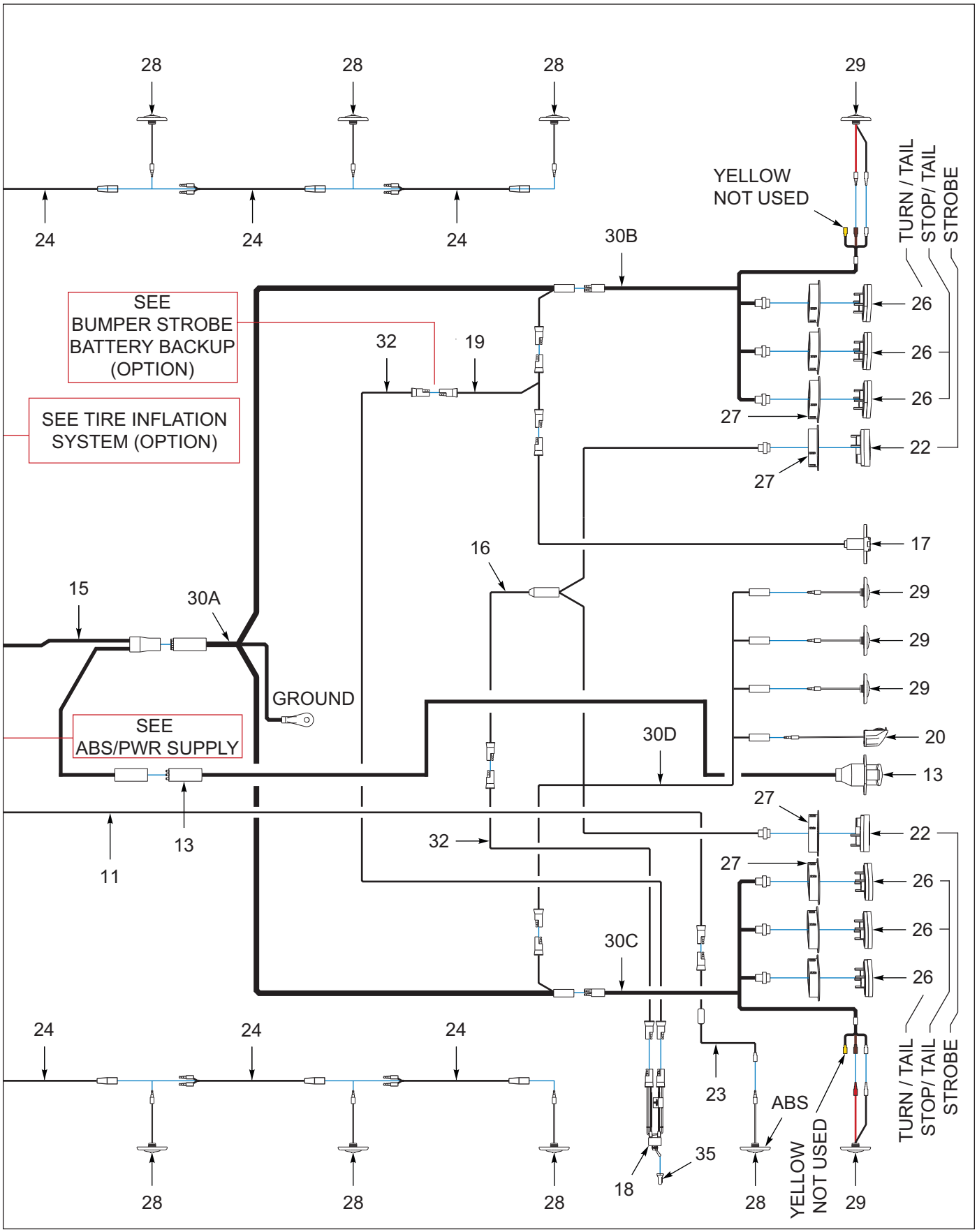


Figure 11-13: Frame, Harness and Lights (After 03/01/2022) (2 of 3)

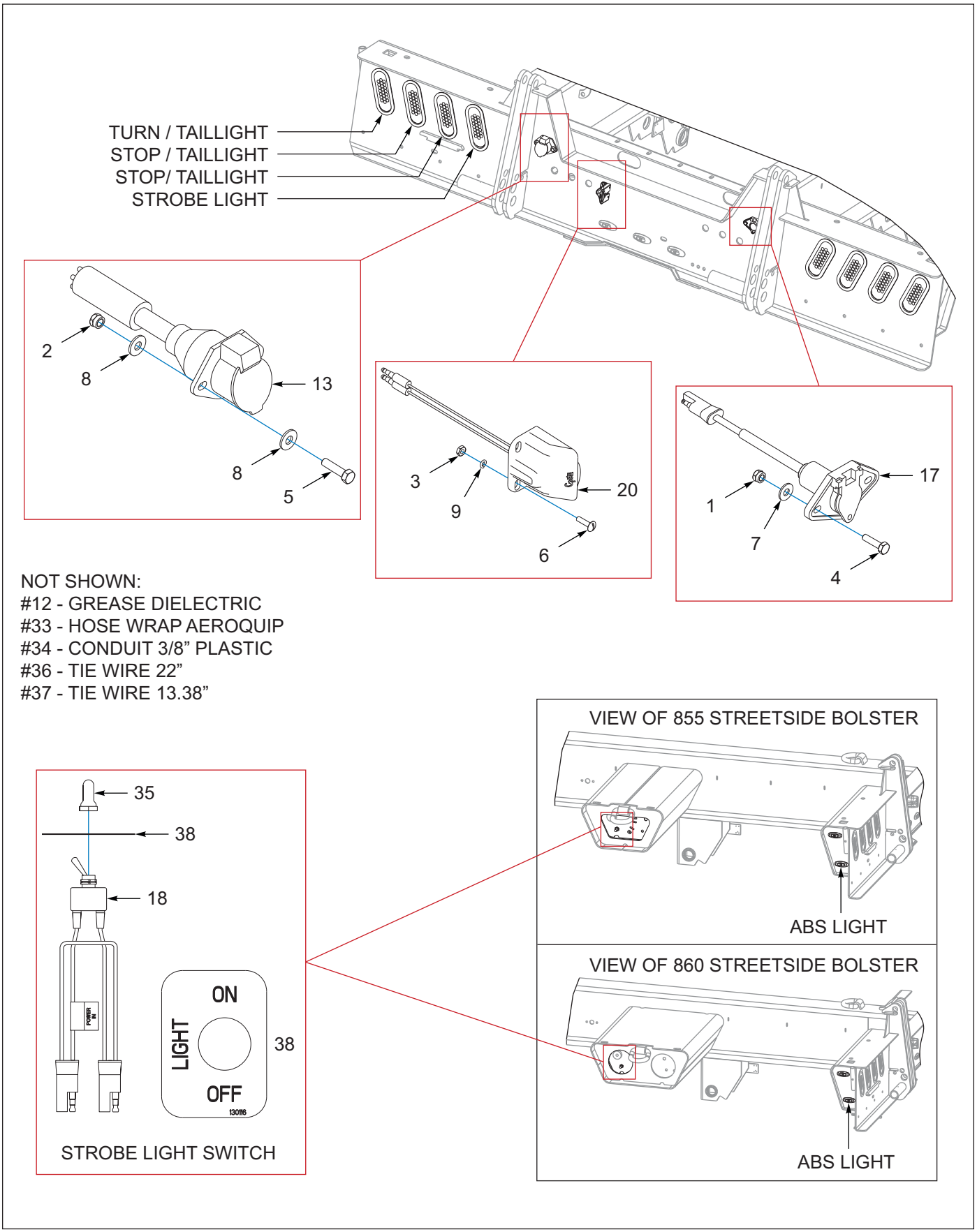


Figure 11-14: Frame, Harness and Lights (After 03/01/2022) (3 of 3)

Frame, Harness and Lights (After 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	231421	FRAME ASSY 855F-25 60AX **(25', 26', 26' DROPSIDE, 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
3	1-512-010007-03	NUT, HEX 10-24 GR2 ZP	2
4	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
5	1-654-010049-06	SCREW,H/CAP,5/16-18UNCX1-1/4	2
6	1-656-010003051	SCREW,RH HD MACH 10-24X3/4	2
7	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
8	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	4
9	1-861-010034-07	WASHER,LKG,HLCL SPR, NO 10	2
10	143102	HARNESS BED MAIN GROTE **(NEW STYLE)**	1
11	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)**	1
12	143123	GREASE DIELECTRIC 4 OZ TUBE **(NOT SHOWN)**	0.5
13	146897	HARNESS 7WAY RECP REAR GROTE	1
14	146898	HARNESS 7WAY PLUG G/N GROTE	1
15	146929	HARNESS Y SPLITTER GROTE	1
16	150114	HARNESS BUMPER STROBE GROTE	1
17	150116	HARNESS ASSY RCPT 800	1
18	150117	SWITCH ASSY LIGHT GROTE	1
19	150118	HARNESS JUMPER BRANCH	1
20	187860	LIGHT ASSY LICENSE LED GROTE **(COMPONENTS - SEE PAGE 11-47)**	1
21	187868	LIGHT MID-TURN LED CLEAR LENS	2
22	187869	LIGHT STROBE YEL CLEAR LENS GR	2
23	200037	HARNESS ABS LIGHT SHORT	1
24	204194	HARNESS MARKER EXT. 60" **(VARIES WITH TRAILER LENGTH) (855-23.5' REQ 12 EA, 855-25' & 26' REQ 16 EA, 855-26' DS & 27.5' REQ 18 EA) (860-21.5' REQ 14 EA, 860-25.5', 26' & 26.5' REQ 16 EACH)**	- -
25	213290	HARNESS 6" MKR EXTENSION **(BEFORE 12/13/2022)**	2
26	213295	LIGHT CLEAR LENS S/T/T	6
27	143114	GROMMET OVAL GROTE **(BLACK PVC)**	10
27	213296	FLANGE CHROME FLAT OBLONG **(CHROME)**	10
28	213297	LIGHT YEL CLEAR LENS MKR **(VARIES WITH TRAILER LENGTH) (855-23.5' REQ 13 EA, 855-25' & 26' REQ 17 EA, 855-26' DS & 27.5' REQ 19 EA) (860-21.5' REQ 15 EA, 860-25.5', 26' & 26.5' REQ 17 EACH)**	- -
29	213298	LIGHT RED CLEAR LENS MKR	5
30	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 30A-30D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATLY)**	1
31	235747	ADAPTER.JUMPER,MID-TURN/MKR **(BEFORE 12/13/2022**	2
32	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
33	43029	HOSE WRAP AEROQUIP 1/4 **(NOT SHOWN) (BY THE FOOT) (USED ON BUMPER HARNESS)**	3
34	3-201-010002	CONDUIT 3/8 PLASTIC FLEX **(NOT SHOWN) (BY THE FOOT)**	8
35	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
36	1-796-010001	TIE WIRE 22 PLASTIC **(NOT SHOWN)**	5

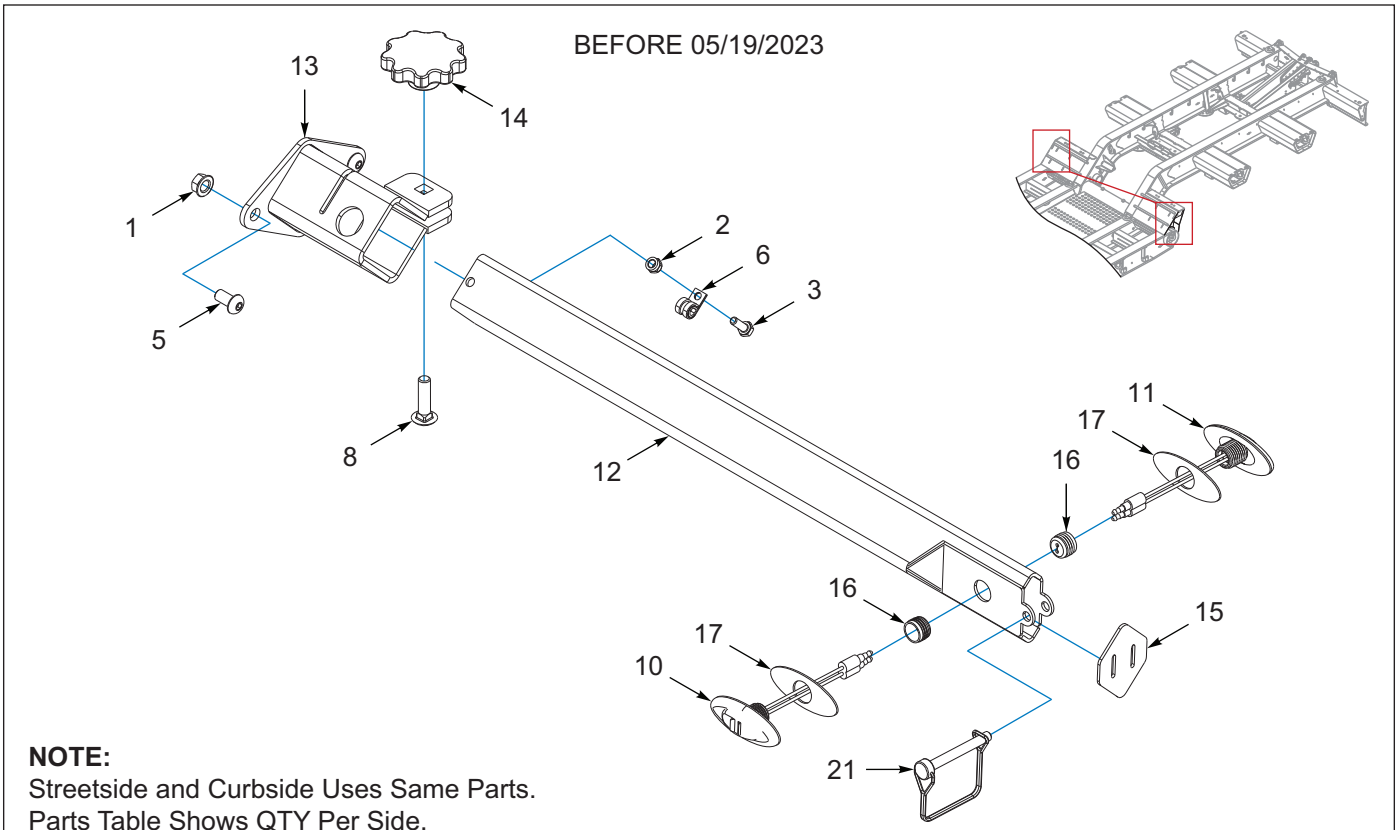
Frame, Harness and Lights (After 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY.
37	1-796-010004-02	TIE, STRAP,PLASTIC .301X13.38 **(NOT SHOWN)**	50
38	130116	DECAL, ON/OFF LIGHT	1
39	143121	DUMMY PLUG MALE/FEM BULLET	5

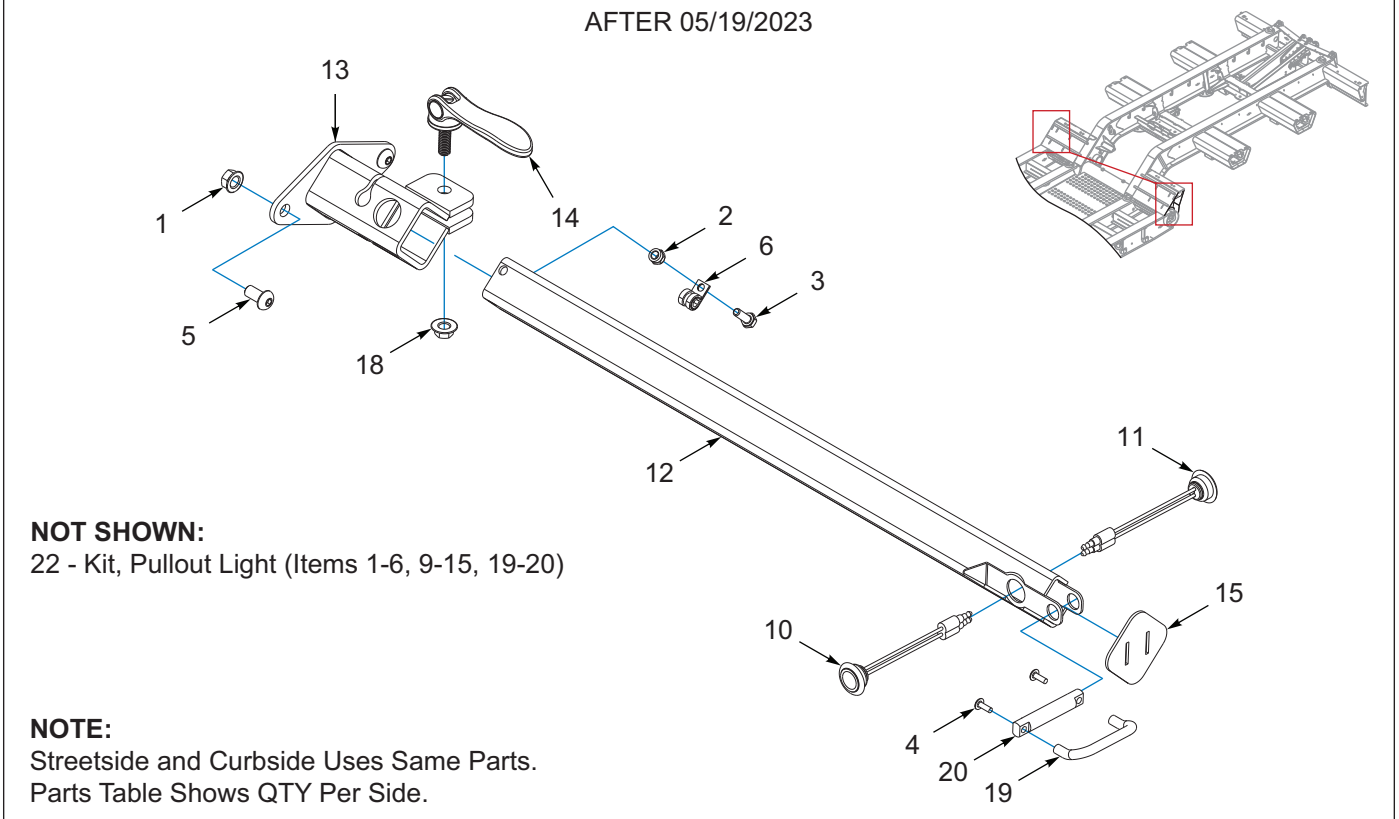
Table provided for general use.

NOTES:

Frame, Trunnion Lights, Pullout Markers (Option)



NOTE:
Streetside and Curbside Uses Same Parts.
Parts Table Shows QTY Per Side.



NOT SHOWN:
22 - Kit, Pullout Light (Items 1-6, 9-15, 19-20)

NOTE:
Streetside and Curbside Uses Same Parts.
Parts Table Shows QTY Per Side.

Figure 11-15: Frame, Trunnion Lights, Pullout Markers (Option) (1 of 2)

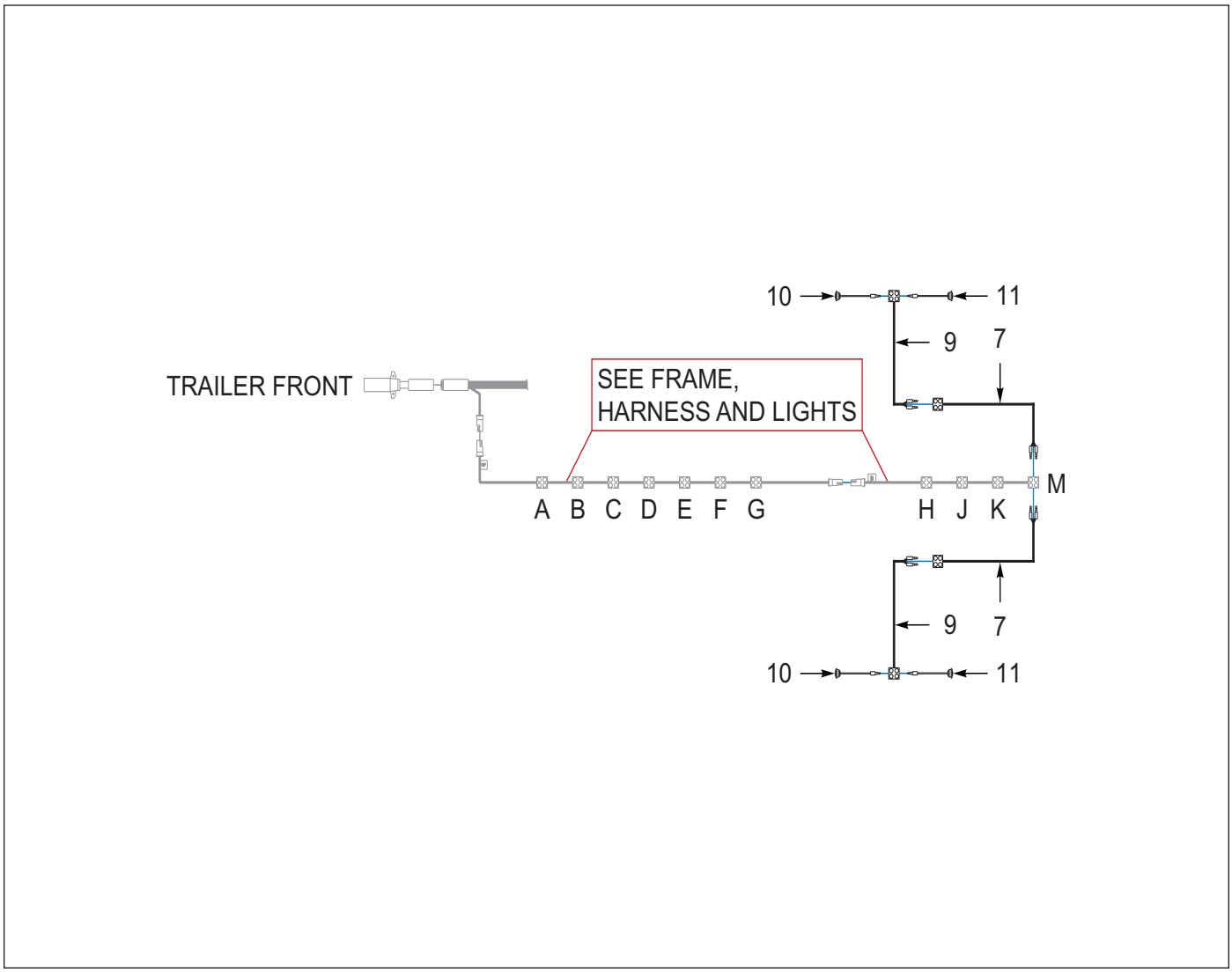


Figure 11-16: Frame, Trunnion Lights, Pullout Markers (Option) (2 of 2)

Frame, Trunnion Lights, Pullout Markers (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	225254	LIGHT INSTL TRUN P/O MARKER	- -
1	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G **(INCLUDED WITH ITEM 22)**	2
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20 **(INCLUDED WITH ITEM 22)**	1
3	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5 **(INCLUDED WITH ITEM 22)**	1
4	1-656-010003026	SCREW,RD HD MACH 1/2X8-32 ZP **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	2
5	111899	SCREW,BHSC 3/8-16UNCX3/4 **(INCLUDED WITH ITEM 22)**	2
6	162290	CLAMP, CABLE 1/4 SST **(INCLUDED WITH ITEM 22)**	1
7	191568	HARNESS MARKER LAMP MICRONOVA	1
8	195009	SCREW,RD HD 3/8-16X1-1/2 GR5 **(BEFORE 05/19/2023)**	1
9	204194	HARNESS MARKER EXT. 60" **(INCLUDED WITH ITEM 22)**	1
10	213297	LIGHT YEL CLEAR LENS MKR **(BEFORE 05/19/2023) (REQ ITEM 17) (GROMMETS SUPPLIED TOO THICK, ALSO ORDER ITEM 16)**	1
10	175591	LIGHT YEL LED .75 CL.MK GROTE **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1

Frame, Trunnion Lights, Pullout Markers (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
11	213298	LIGHT RED CLEAR LENS MKR **(BEFORE 05/19/2023) (REQ ITEM 17) (GROMMETS SUPPLIED TOO THICK, ALSO ORDER ITEM 16)**	1
11	175592	LIGHT RED LED .75 CL.MK GROTE **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1
12	223087	TUBE WLDMT, P/O MKR LIGHT **(BEFORE 05/19/2023)**	1
12	244332	TUBE WLDMT,P/O MRKR LIGHT **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1
13	223089	CLAMP WLDMT, P/O MKR LIGHT **(BEFORE 05/19/2023)**	1
13	244333	CLAMP WLDMT,P/O MRKR LIGHT **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1
14	223122	KNOB,ALUM,2-3/4,3/6-16 THD **(BEFORE 05/19/2023)**	1
14	244222	HANDLE,CAM 3/8-16 THRD **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1
15	223129	CAP,END P/O LIGHT **(BEFORE 05/19/2023)**	1
15	244228	CAP,END P/O LIGHT **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1
16	239029	GROMMET,SHORT,MICRONOVA **(BEFORE 05/19/2023)**	2
17	227811	DOUBLE SIDED MOUNTING TAPE **(BEFORE 05/19/2023, USED ON ITEM 10-11, AFTER NOT USED)**	1
18	233400	NUT,3/8-16 WIDE FLG TOP LCK F **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1
19	244223	PULL,2-1/2"HNDL,8-32 INTL THD **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1
20	244331	BAR,RD 1/2 DIA X 2-7/8 **(AFTER 05/19/2023) (INCLUDED WITH ITEM 22)**	1
21	516-22PTL	RETAINING PIN MUD FLAP **(12412608, 12486627) (BEFORE 05/19/2023)**	1
22	248139	PULLOUT LIGHT RETRO-FIT KIT **(KIT INCLUDES STREETSIDE & CURBSIDE ASSEMBLIES, ITEMS 1-6, 9-15, 19-20)**	1

Table provided for general use.

NOTES:

Flip Axle, Harness and Lights (Option)

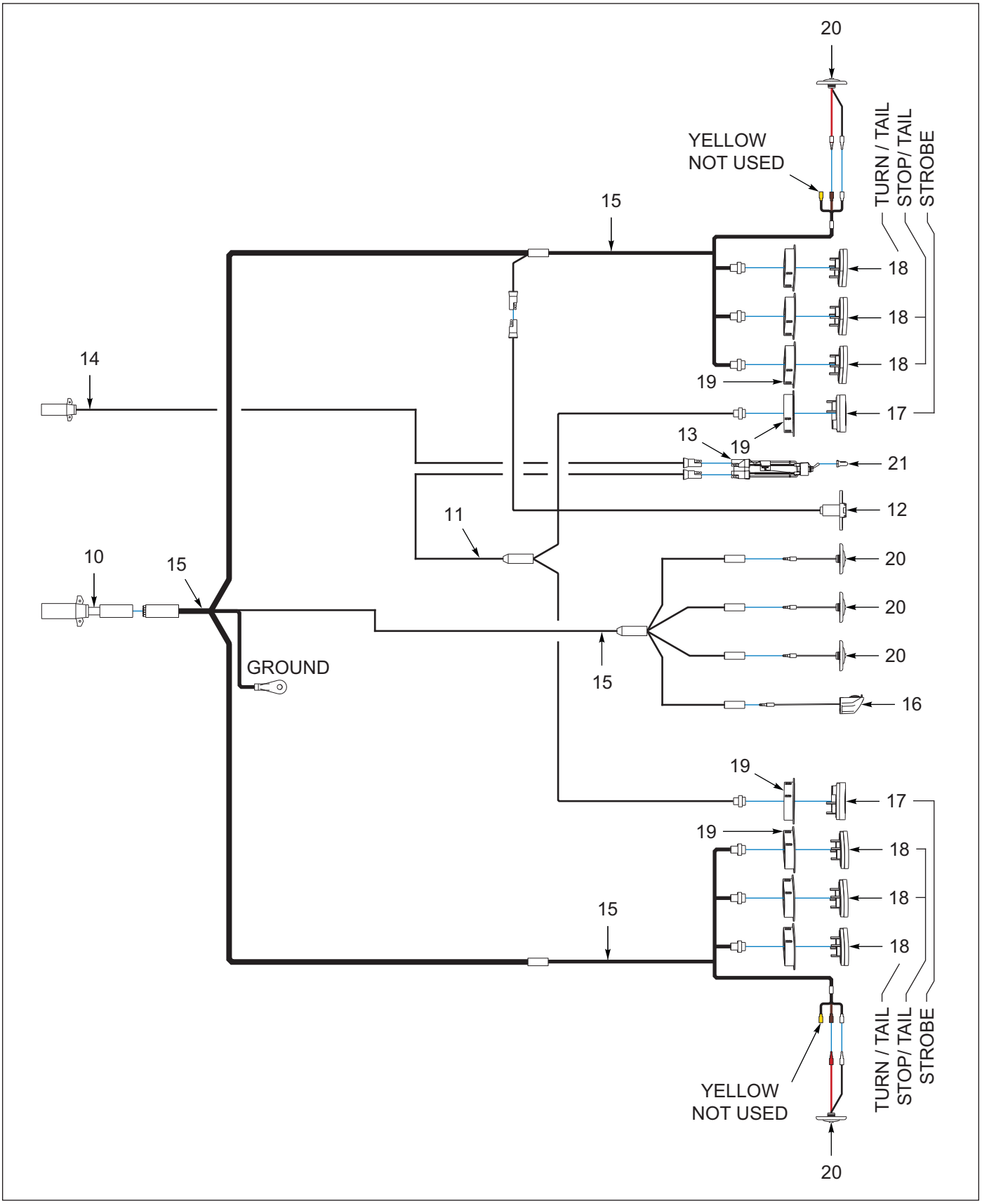


Figure 11-17: Flip Axle, Harness and Lights (Option) (1 of 2)

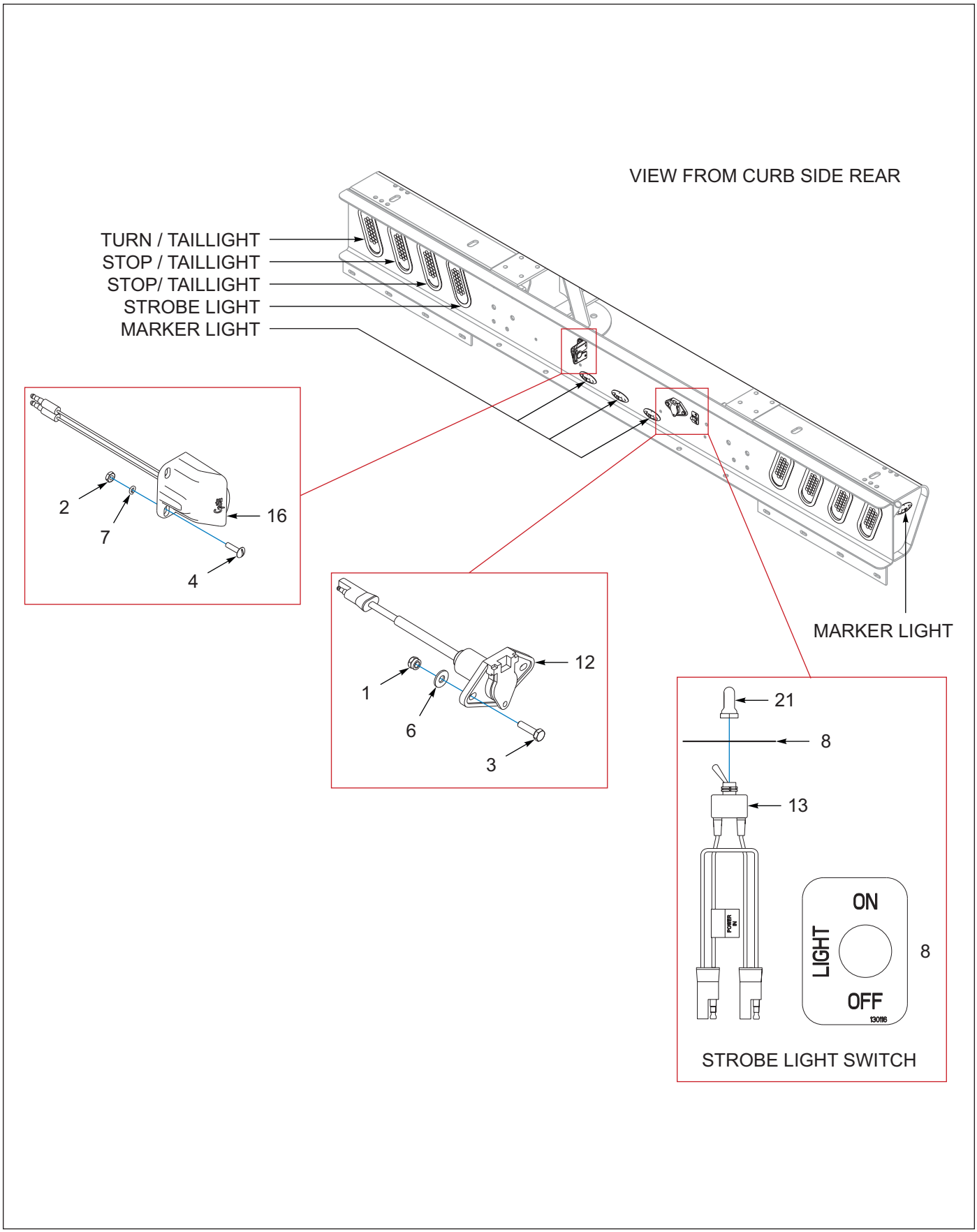


Figure 11-18: Flip Axle, Harness and Lights (Option) (2 of 2)

Flip Axle, Harness and Lights (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	218803	FLIP ASSY 800F-60"-102"	- -
	218808	FLIP ASSY 800F-60"-102" HYD	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-512-010007-03	NUT, HEX 10-24 GR2 ZP	2
3	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
4	1-656-010003051	SCREW,RH HD MACH 10-24X3/4	2
5	1-796-010003-01	TIE, STRAP, PLASTIC .184X7.31 **(NOT SHOWN)**	35
6	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
7	1-861-010034-07	WASHER,LKG,HLCL SPR, NO 10	2
8	130116	DECAL, ON/OFF LIGHT	1
9	143123	GREASE DIELECTRIC 4 OZ TUBE **(NOT SHOWN)**	0.5
10	146898	HARNESS 7WAY PLUG G/N GROTE	1
11	150114	HARNESS BUMPER STROBE GROTE	1
12	150116	HARNESS ASSY RCPT 800	1
13	150117	SWITCH ASSY LIGHT GROTE	1
14	174071	HARNESS POWER FLIP STROBE ASSY	1
15	187859	HARNESS BUMPER MICRONOVA GROTE	1
16	187860	LIGHT ASSY LICENSE LED GROTE **(COMPONENTS - SEE PAGE 11-47)**	1
17	187869	LIGHT STROBE YEL CLEAR LENS GR	2
18	213295	LIGHT CLEAR LENS S/T/T	6
19	143114	GROMMET OVAL GROTE **(BLACK PVC)**	8
19	213296	CHROME FLAT OBLONG **(CHROME)**	8
20	213298	LIGHT RED CLEAR LENS MKR	5
21	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1

Table provided for general use.

NOTES:

Flip Beavertail, Harness and Lights (Option)

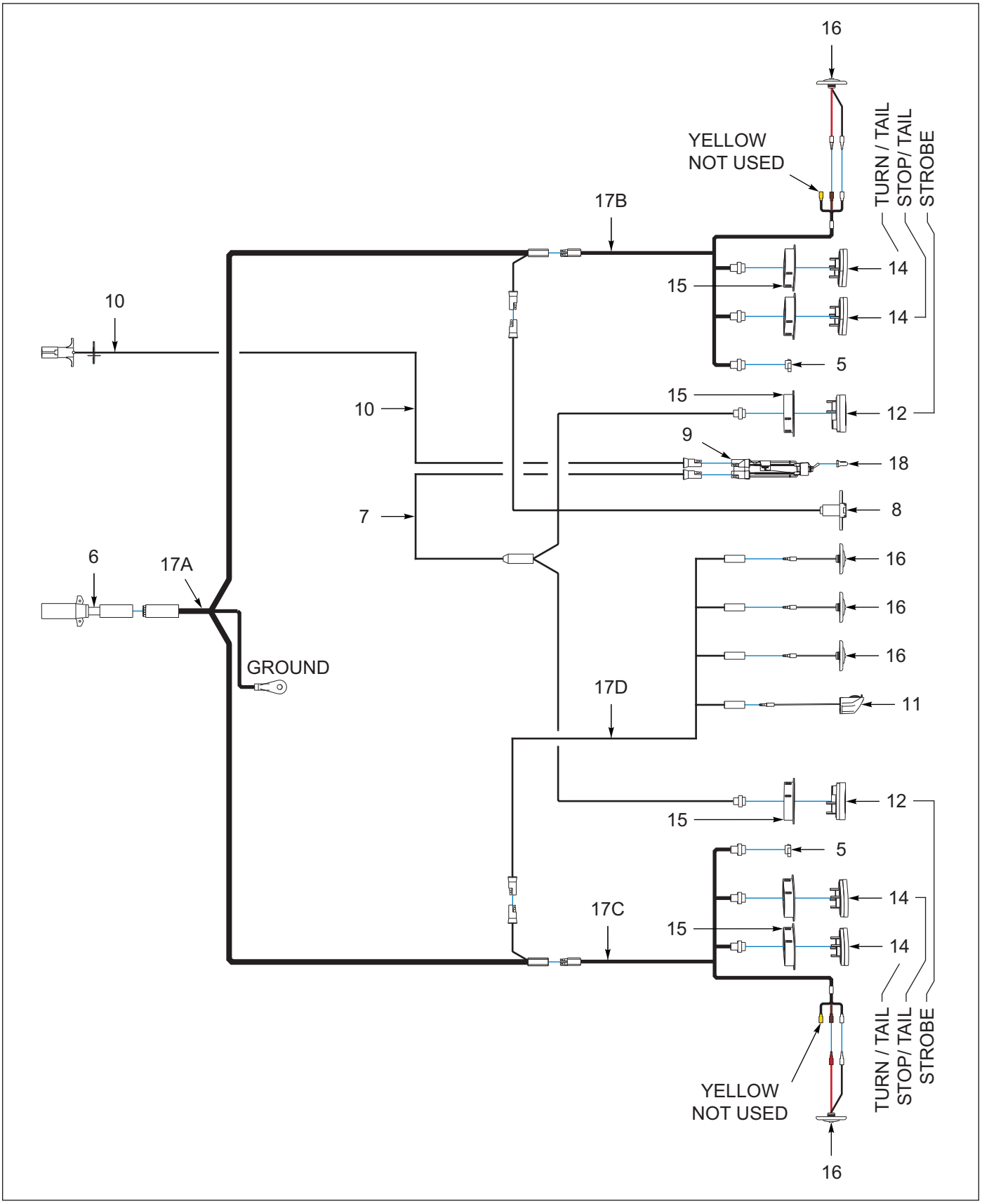


Figure 11-19: Flip Beavertail, Harness and Lights (Option) (1 of 2)

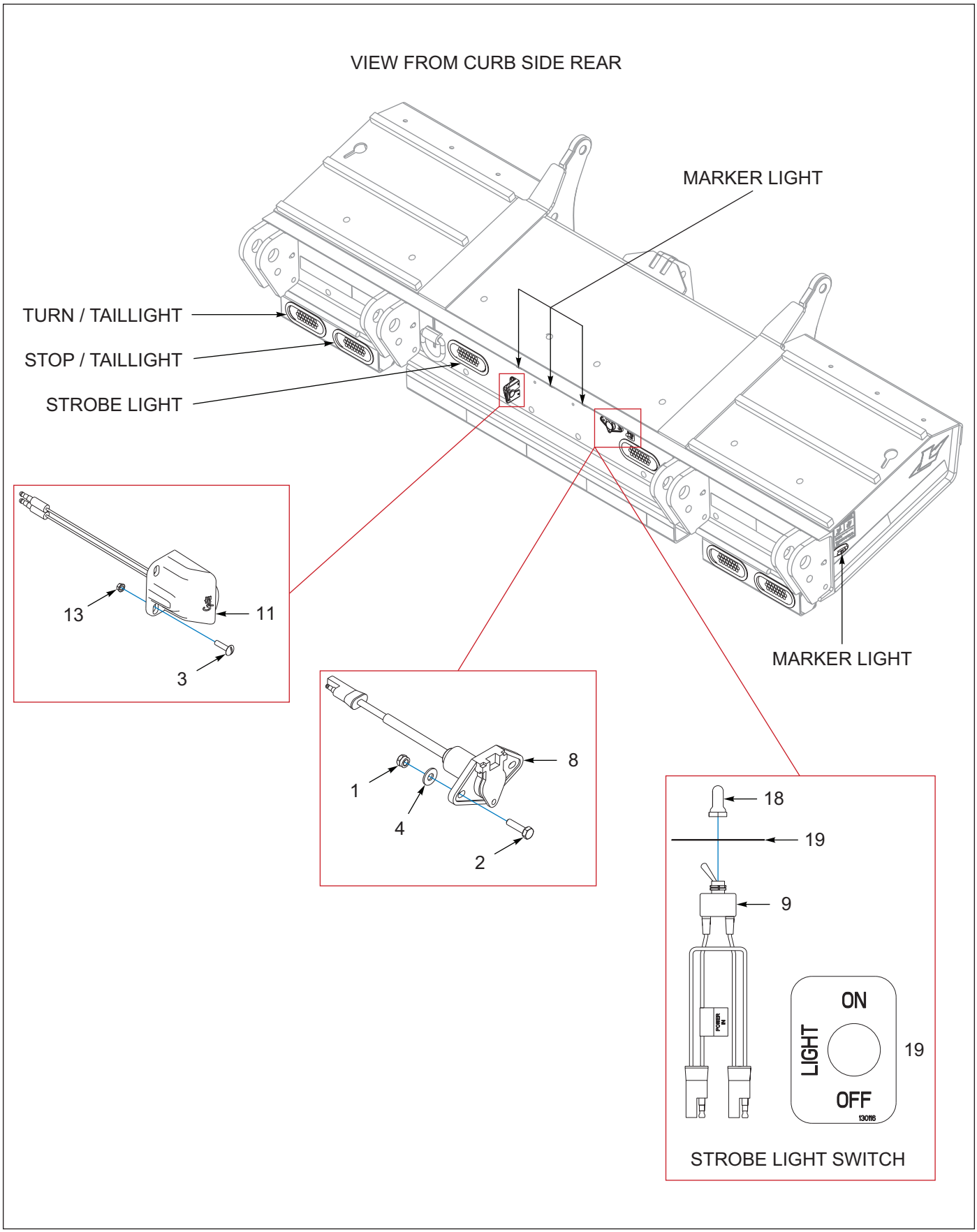


Figure 11-20: Flip Beavertail, Harness and Lights (Option) (2 of 2)

Flip Beavertail, Harness and Lights (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228658	PIN-ON B/T ASSY 800 PAINTED	- -
	228659	PIN-ON B/T ASSY 800 GALV	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
3	1-656-010003051	SCREW,RH HD MACH 10-24X3/4	2
4	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
5	144608	DUMM Y PLUG FOR FEMALE PLUG	2
6	146898	HARNESS 7WAY PLUG G/N GROTE	1
7	150114	HARNESS BUMPER STROBE GROTE	1
8	150116	HARNESS ASSY RCPT 800	1
9	150117	SWITCH ASSY LIGHT GROTE	1
10	174071	HARNESS POWER FLIP STROBE ASSY	1
11	187860	LIGHT ASSY LICENSE LED GROTE **(COMPONENTS - SEE PAGE 11-47)**	1
12	187869	LIGHT STROBE YEL CLEAR LENS GR	2
13	212074	NUT 10-24 HD SERRATED	2
14	213295	LIGHT CLEAR LENS S/T/T	4
15	143114	GROMMET OVAL GROTE **(BLACK PVC)**	6
15	213296	CHROME FLAT OBLONG **(CHROME)**	6
16	213298	LIGHT RED CLEAR LENS MKR	5
17	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 17A-17D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATLY)**	1
18	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
19	130116	DECAL, ON/OFF LIGHT **(DECAL PLACEMENT - SEE PAGE 1-8)**	1

Table provided for general use.

NOTES:

Flip Beavertail & Ramp, Dual Hydraulic Flip (Option)

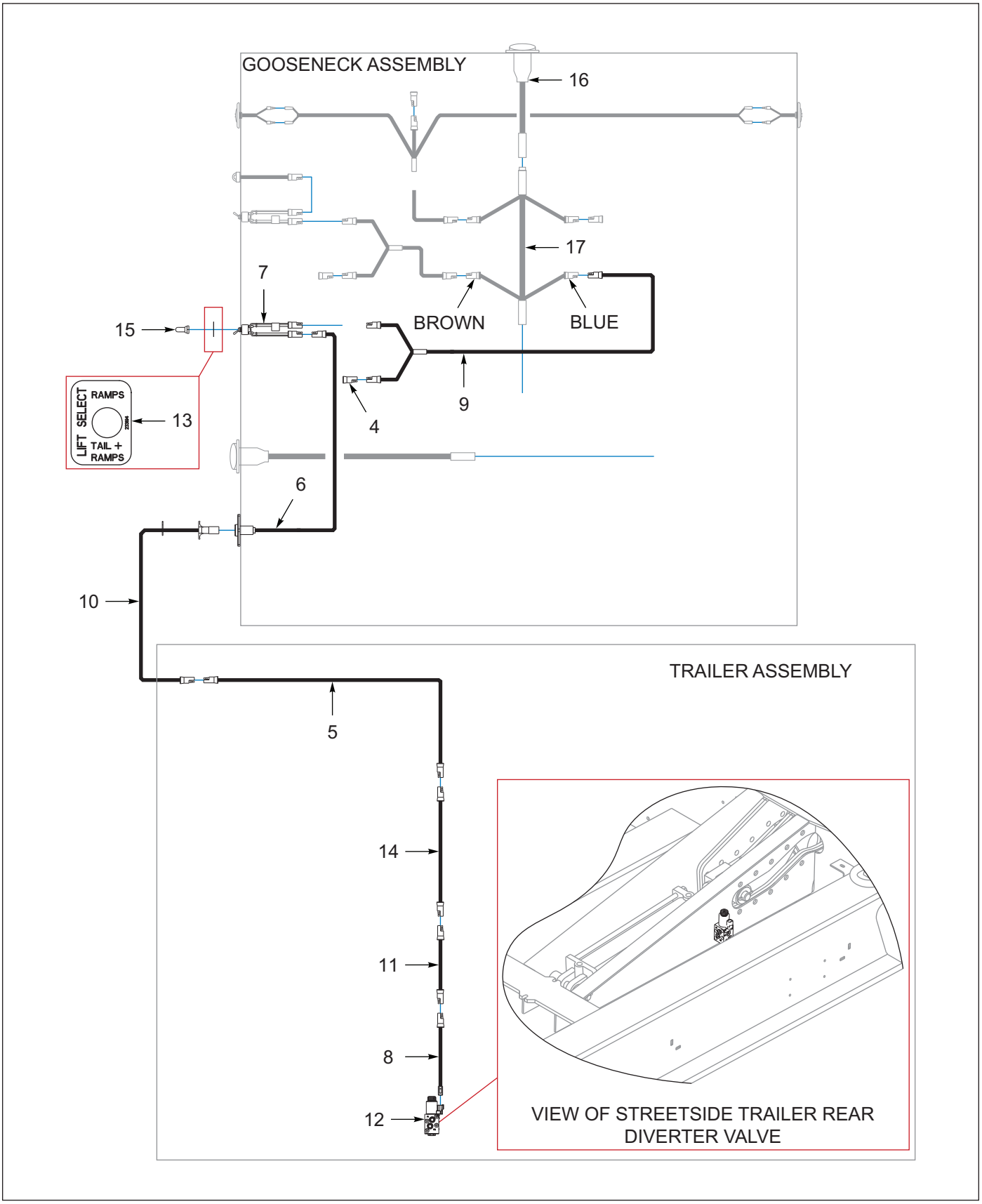


Figure 11-21: Flip Beavertail & Ramp, Hydraulic Flip (Option) (1 of 2)

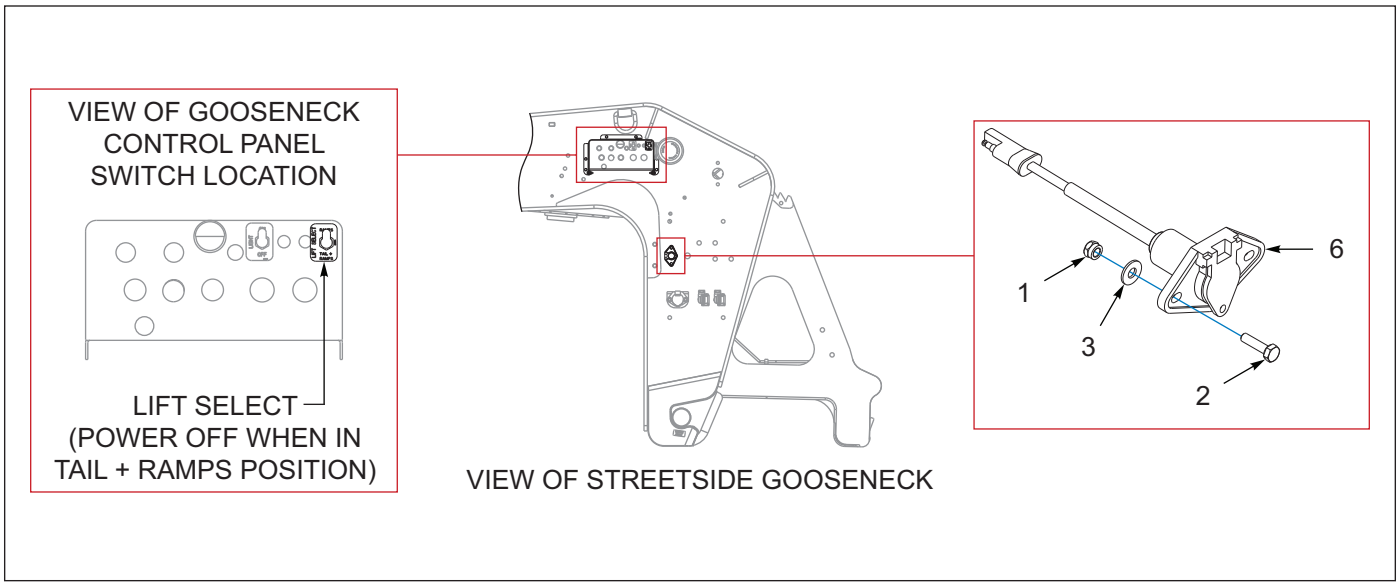


Figure 11-22: Flip Beavertail & Ramp, Hydraulic Flip (Option) (2 of 2)

Flip Beavertail & Ramp, Hydraulic Flip (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228669	PLUMBING FLIP B/T, HYD RAMPS	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
3	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
4	143121	DUMMY PLUG MALE/FEM BULLET	1
5	150111	HARNESS 300 IN MALE.FEMALE	1
6	150116	HARNESS ASSY RCPT 800	1
7	150117	SWITCH ASSY LIGHT GROTE	1
8	164052	HARNESS,60”BRANCH,WORK LIGHT	1
9	169853	HARNESS T PWR BRANCH	1
10	174071	HARNESS POWER FLIP STROBE ASSY	1
11	217435	HARNESS 36 IN MALE FEMALE	1
12	228613	VALVE, DIVERTER 12V SOL, SAE4	1
13	233194	DECAL, LIFT SELECT, RAMPS/TAIL	1
14	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	1
15	81264	RUBBER BOOT FOR ELECT SWITCH	1
16	143100	HARNESS 7WAY RECP GROTE	1
		(GOOSENECK ASSEMBLY - SEE PAGE 11-1)	
17	143101	HARNESS FRONT MAIN GROTE	1
		(GOOSENECK ASSEMBLY - SEE PAGE 11-1)	

Anti-Lock Brake & Power Supply

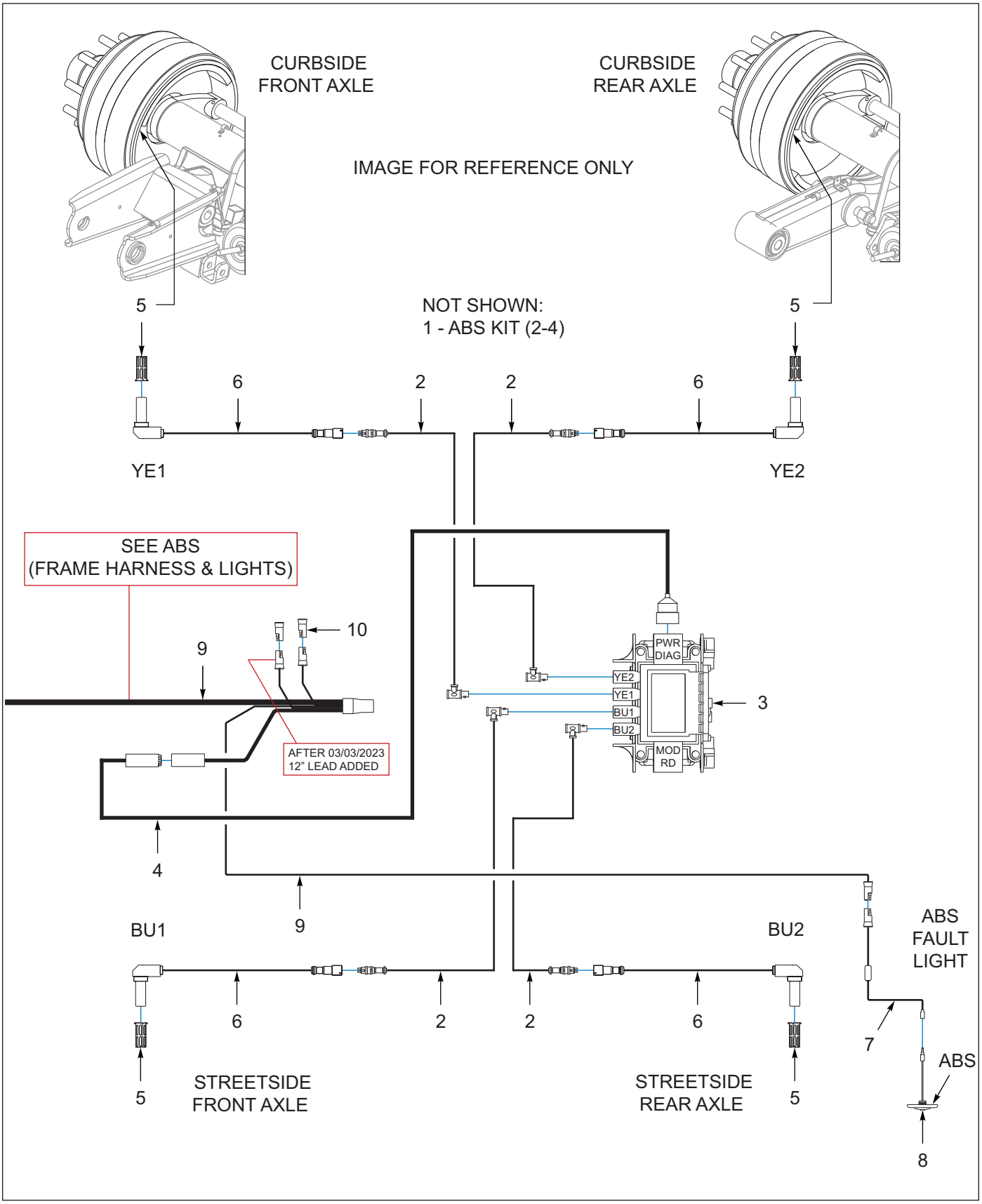


Figure 11-23: Anti-Lock Brake & Power Supply (1 of 2)

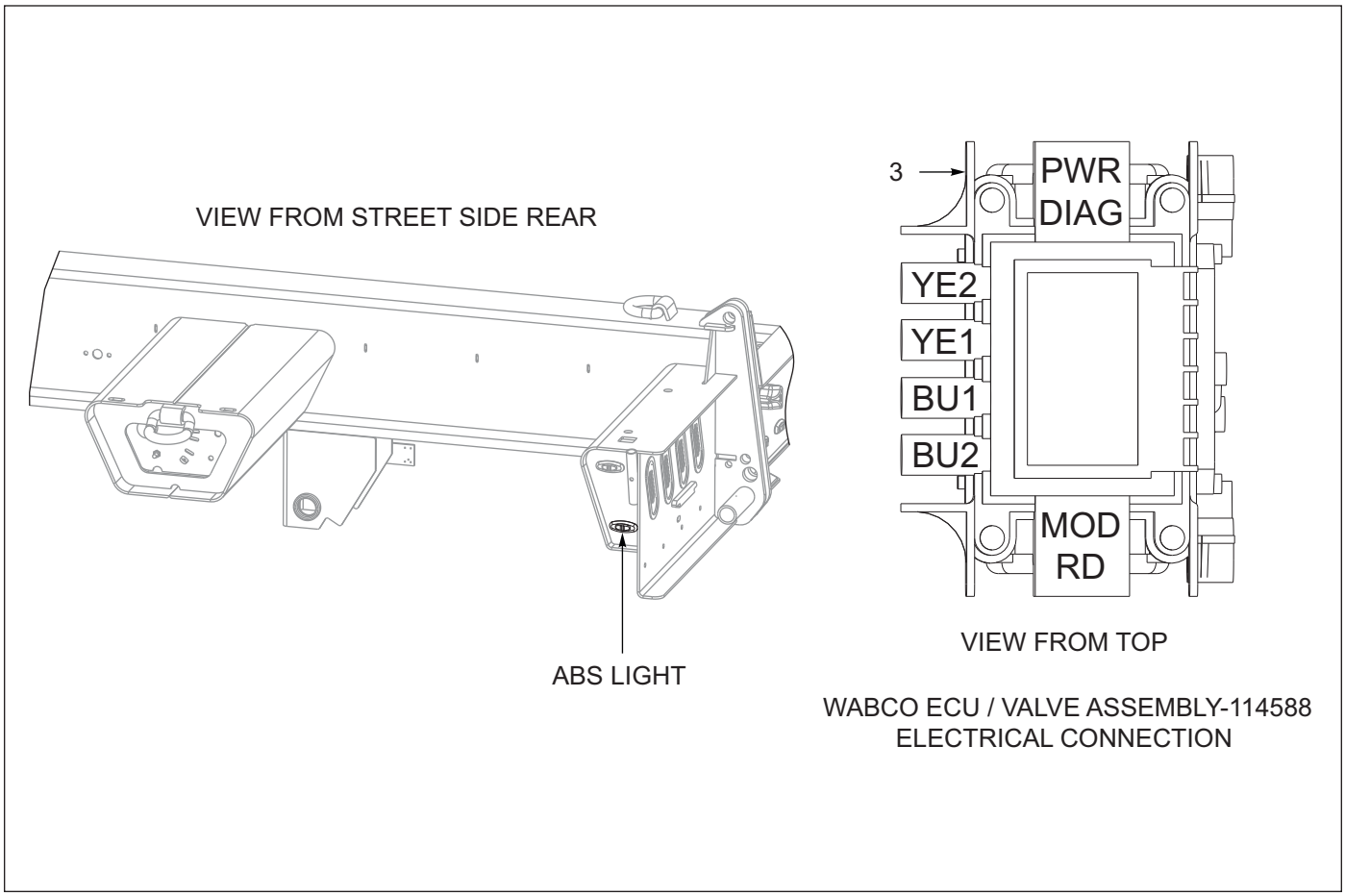


Figure 11-24: Anti-Lock Brake & Power Supply (2 of 2)

Anti-Lock Brake & Power Supply

ITEM	PART NUMBER	DESCRIPTION	QTY.
	231421	FRAME ASSY 855F-25 60AX **(25', 26', 26' DROPSIDE, 27.5')**	- -
	230579	FRAME ASSY 855F-26 54AX HF **(26', 27.5 HYDRAULIC FLIP)**	- -
	226993	FRAME ASSY 860F-25.5 60AX **(25.5', 26.5)**	- -
1	114586	ABS KIT WABCO 4S/2MTRI/SPREAD **(INCLUDES ITEMS 2-4)** **(ABS SYSTEM, AIR - SEE PAGE 10-19)**	1
2	103861	SENSOR EXT CABLE-3M (10FT) **(10' FOOT)** **(INCLUDED WITH ITEM 1)**	4
3	114588	ECU/VALVE ASSEMBLY 4S/2M **(INCLUDED WITH ITEM 1)**	1
4	147464	POWER CABLE 4.0M **(13' FOOT) (INCLUDED WITH ITEM 1)**	1
5	101849	ABS SENSOR SPRING CLIP	4
6	101847	ABS SENSOR CABLE-.4M (1FT) **(DRUM BRAKE AXLE) (1 FOOT)**	4
6	251219	ABS SNSR 0.5M STRAIGHT HALDEX **(DISC BRAKES) (1.5 FOOT)**	4
7	200037	HARNESS ABS LIGHT SHORT **(13" INCH)**	1
8	213297	LIGHT YEL CLEAR LENS MKR	1
9	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)**	1
10	143121	DUMMY PLUG MALE/FEM BULLET	1

Bumper Strobe, Battery Backup (Option)

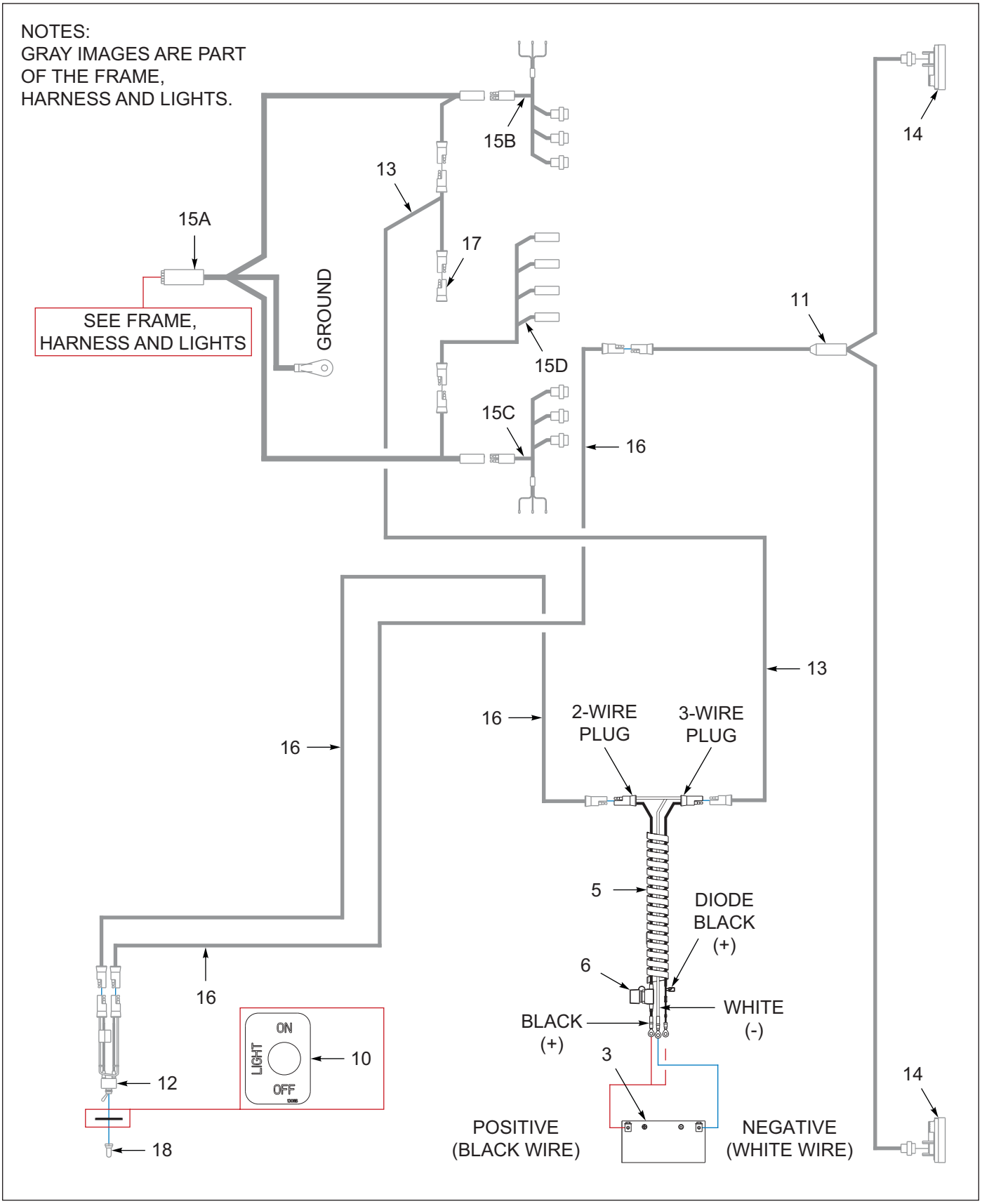


Figure 11-25: Bumper Strobe, Battery Backup (Option) (1 of 2)

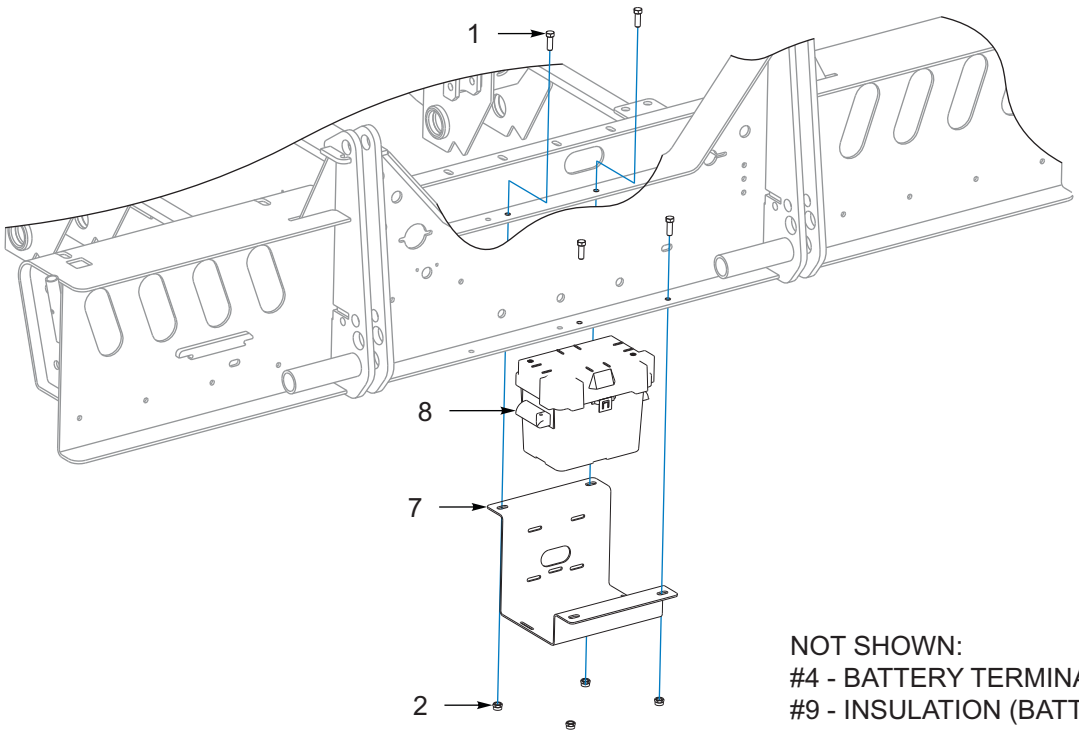


Figure 11-26: Bumper Strobe, Battery Backup (Option) (2 of 2)

Bumper Strobe, Battery Backup (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	225257	BATTERY BACKUP STROBE LIGHTS **(INCLUDES ITEMS 1-9)**	- -
1	1-654-010053-04	SCREW,HX CP 7/16-14UNCX1-1/4	4
2	125436	NUT HX SLFLKG 7/16-20 GRB	4
3	223077	BATTERY,12V,POWERSPORT **(INCLUDES ITEM 4)**	1
4	225303	BOLT/NUT KIT BAT TERM M6X10MM **(NOT SHOWN)** **(INCLUDES 2 SCREW, 2 WASHERS, 2 NUTS)**	1
5	223079	HARNESS ASSY JUMPER TRIC CHG **(INCLUDES ITEM 6, FUSE)** **(BEFORE 07/19/2022, HARNESS DID NOT HAVE FUSE HOLDER)**	1
6	40-0917-10	FUSE, ATO/ATC 10AMP	1
7	225966	MOUNT BRACKET BATTERY BOX	1
8	228002	BATTERY BOX, GROUP U1	1
9	239-9961	INSULATION OUTER WTR HTR **(NOT SHOWN)** **(BY THE SQUARE FOOT)**	1
10	130116	DECAL, ON/OFF LIGHT	1
11	150114	HARNESS BUMPER STROBE GROTE	1
12	150117	SWITCH ASSY LIGHT GROTE	1
13	150118	HARNESS JUMPER BRANCH	1
14	187869	LIGHT STROBE YEL CLEAR LENS GR	2
15	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 15A-15D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATLY)**	1
16	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
17	143121	DUMMY PLUG MALE/FEM BULLET	- -
18	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1

Light Assembly, License Plate

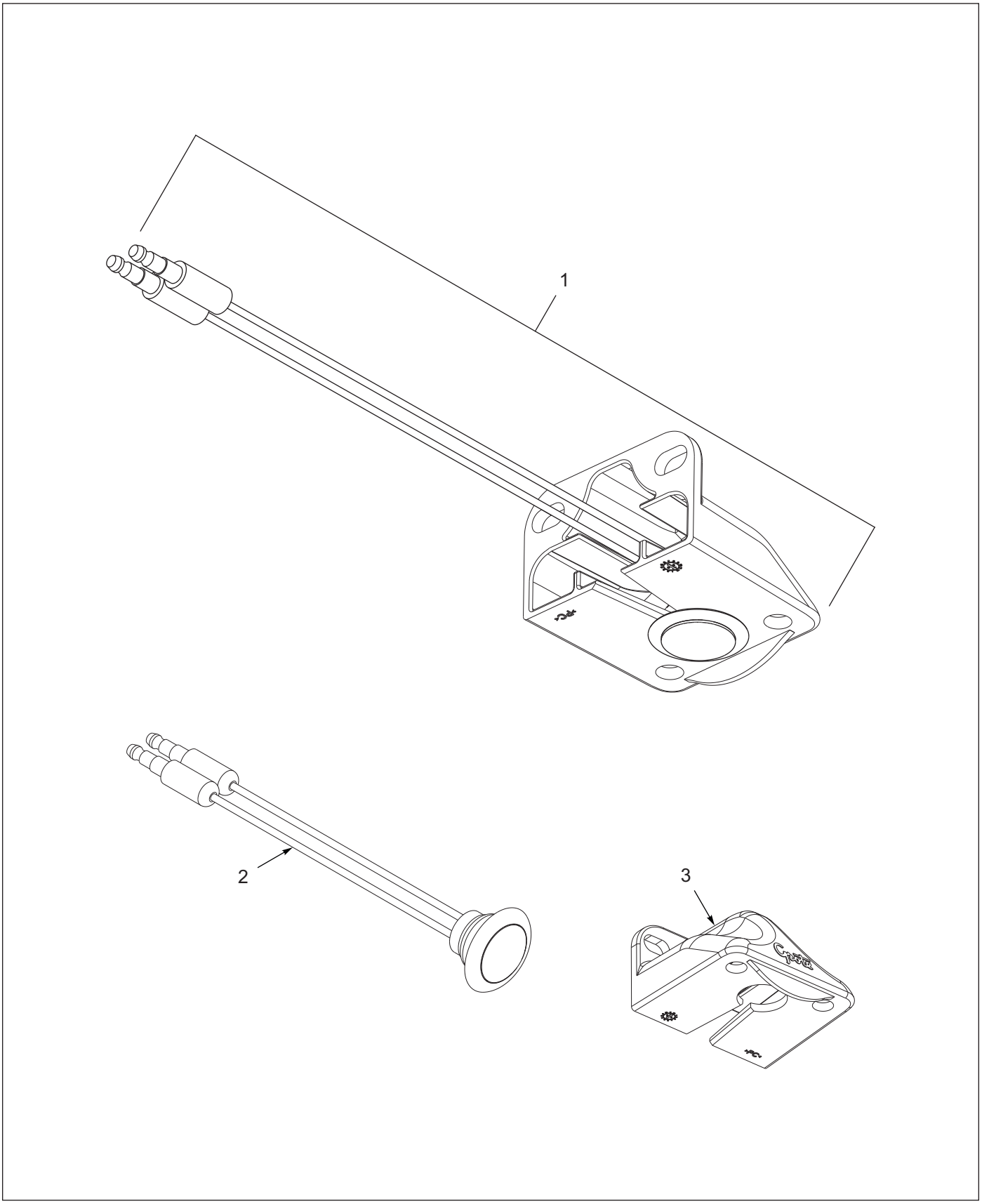


Figure 11-27: Light Assembly, License Plate

Light Assembly, License Plate

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	187860	LIGHT ASSY LICENSE LED GROTE **(INCLUDES ITEMS 2-3)**	1
2	183413	LIGHT,WHT LED .75 CL/MK GROTE **(INCLUDED WITH ITEM 1)**	1
3	187861	BRACKET LICENSE GROTE BLACK **(INCLUDED WITH ITEM 1)**	1

Ramp, Front Power (Option)

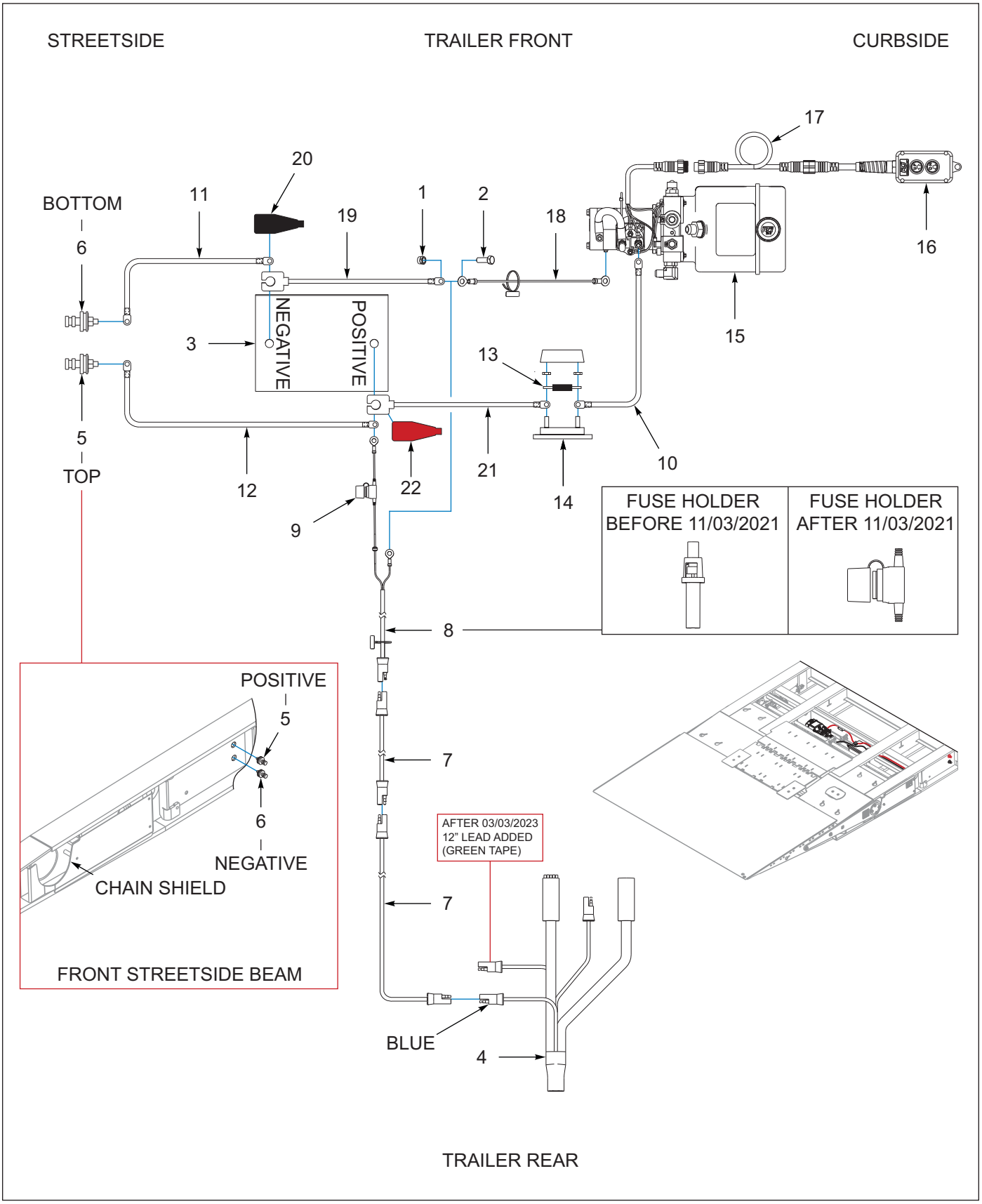


Figure 11-28: Ramp, Front Power (Option)

Ramp, Front Power (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210060	RAMP INSTL PWR 855 CON/PAV **(LONG RAMP)**	- -
	226416	SHRT RMP INSTL PWR 855 CON/PAV **(SHORT RAMP)**	- -
1	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	1
2	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	1
3	108196	BATTERY,12VOLT, DEEP CYCLE	1
4	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)**	1
5	148581	BATTERY JUMPER POS TERMINAL	1
6	148582	BATTERY JUMPER NEG TERMINAL	1
7	150111	HARNESS 300 IN MALE.FEMALE	2
8	153032	HARNESS TRICKLE CHRG BATT ASSY **(INCLUDES ITEM 9)** **(AFTER 11/03/2021, FUSE HOLDER CHANGED)**	1
9	239-4890-3	FUSE 20A TYPE 3AG AGC **(BEFORE 11/03/2021)**	1
9	40-0917-20	FUSE ATO/ATC 20 AMP **(AFTER 11/03/2021)**	1
10	166916	CABLE ASSY - POS 2AWG X 12"	1
11	208406	CABLE ASSY - NEG 2AWG X 60"	1
12	208407	CABLE ASSY - POS 2 AWG X 60"	1
13	208413	FUSE AMG 300 AMP 835 RAMP	1
14	208414	FUSE HOLDER 835 RAMP	1
15	210059	POWER UNIT 12VDC3QT .0305CU/IN **(INCLUDES ITEMS 16-17)**	1
16	208084	KTI 2 BUTTON 4 WIRE REMOTE	1
17	208085	KTI 15' CORD W/ QUICK CONNECT	1
18	213179	18" WIRE ASSY 10AWG 5/16 RINGS	1
19	239-8113-36	CABLE ASSY BATTERY AUX ENGINE **(INCLUDES ITEM 20)**	1
20	620-6940-003	PROTECTOR,BTRY TERM,BLK 1&2	1
21	514-9045-12	CABLE ASSY BATTERY POS 12" **(INCLUDES ITEM 22)**	1
22	620-6940-004	PROTECTOR,BTRY TERM RED 1&2	1

Remote Control, Wireless, Brand (Option)

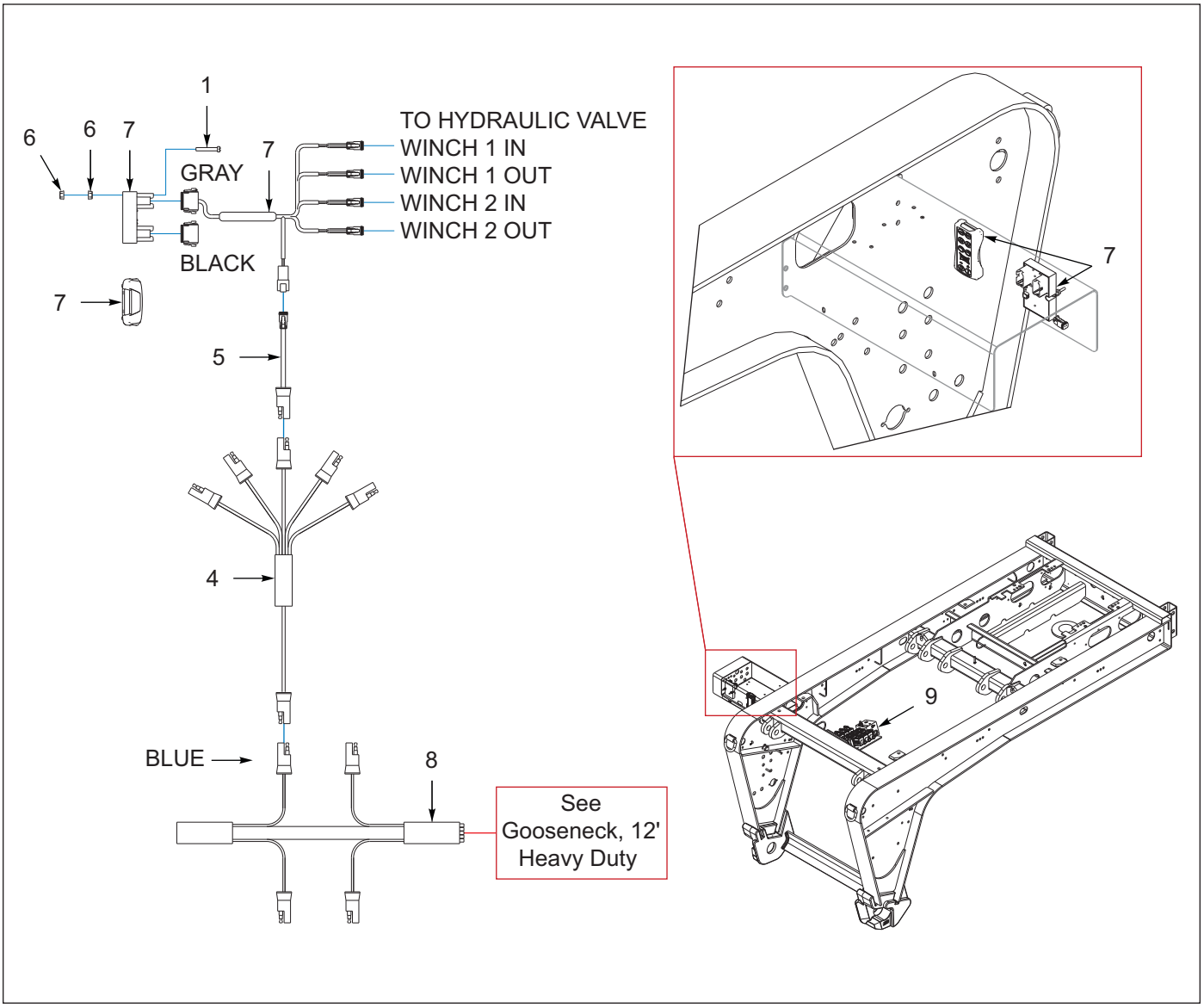


Figure 11-29: Remote Control, Wireless, Brand (Option)

Remote Control, Wireless, Brand (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	234703	RMT WINCH 4 FUNC INSTL 800 **(INCLUDES ITEMS 1-7)**	- -
1	1-654-010024055	SCREW,MACH,FLSTR,#10-24X1-1/4	2
2	1-660-010006	SILICONE, CLEAR RTV **(NOT SHOWN)**	0.5
3	1-796-010002-01	TIE, STRAP,PLASTIC .140X5.50 **(NOT SHOWN)**	2
4	150093	HARNESS 5 AUX BRANCHES GROTE	1
5	164052	HARNESS,60”BRANCH,WORK LIGHT	1
6	212074	NUT 10-24 HD SERRATED	4
7	234701	REMOTE BRAND 4 FUNC WINCH **(COMPONENTS - SEE PAGE 11-52)**	1
8	143101	HARNESS FRONT MAIN GROTE **(MAIN POWER - SEE PAGE 11-1)**	1
9	186885	VALVE, 3 SP, MOTOR, SOLENOID **(VAVLE COMPONENTS - SEE PAGE 12-41)**	1

Remote Control, Kit Components, Brand (Option)

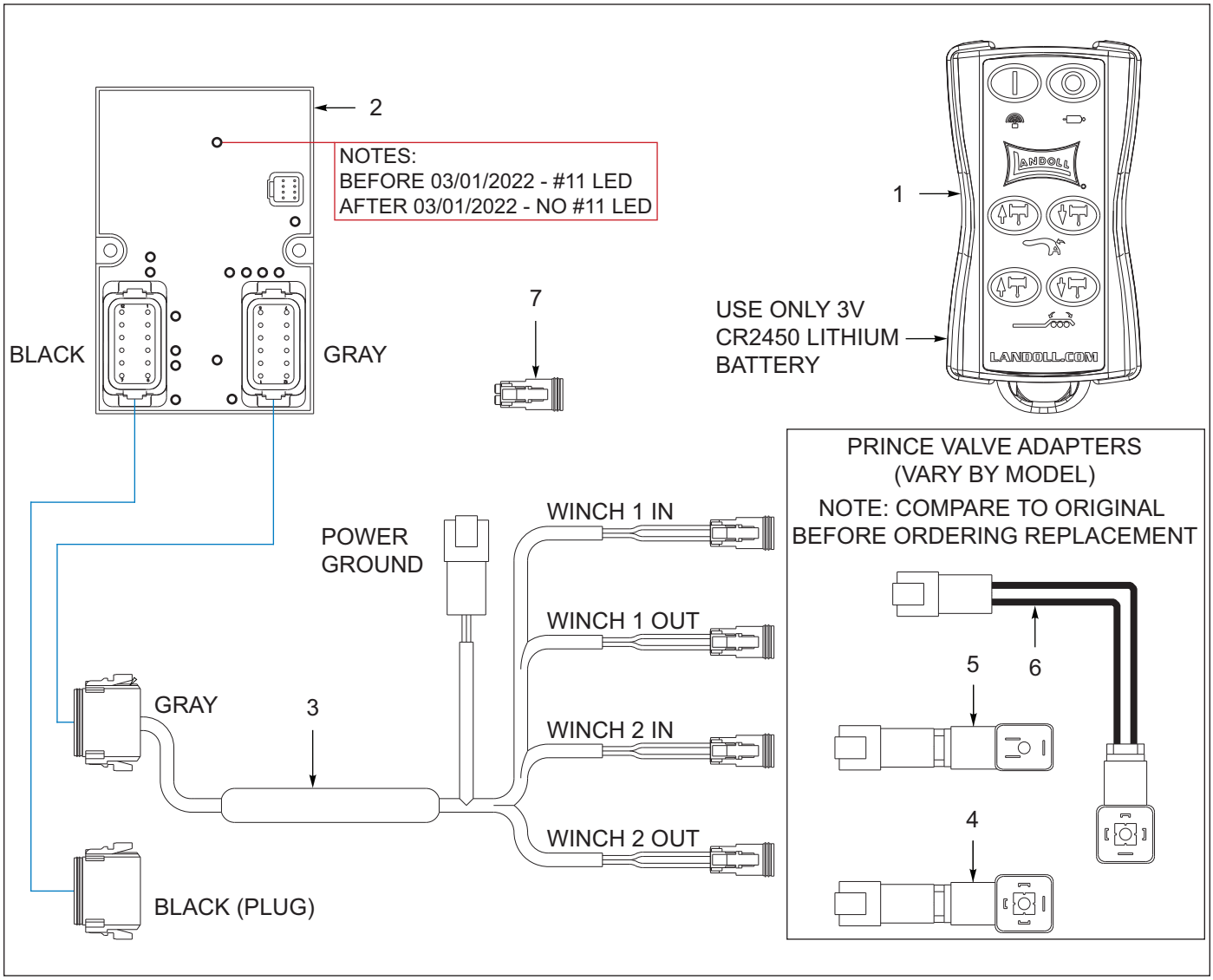


Figure 11-30: Remote Control, Kit Components, Brand (Option)

Remote Control, Kit Components, Brand (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	234701	REMOTE BRAND 4 FUNC WINCH **(INCLUDES ITEMS 1-3)**	- -
1	234702	TRANSMITTER 4 FUNC 800 WINCH	1
2	209102	RECEIVER 6 FUNC SIDE AX	1
3	235567	HARNESS 4 FUNCTION WINCH RMT	1
4	218023	ADAPTER DIN 43/2PIN DUTSCH **(PRINCE VALVES ONLY)** **(SOLD SEPERATELY - COMPARE TO INSTALLED ADAPTERS)**	- -
5	220692	ADAPTER DIN46/2PIN DUTSCH **(PRINCE VALVES ONLY)** **(SOLD SEPERATELY - COMPARE TO INSTALLED ADAPTERS)**	- -
6	229494	ADAPTER DIN/2PIN DUTSCH 6IN **(PRINCE VALVES ONLY)** **(SOLD SEPERATELY - COMPARE TO INSTALLED ADAPTERS)**	- -
7	194407	PLUG ASSY DUMMY DEUTSCH 2 PIN **(SOLD SEPERATELY - PLUGS VALVE CONNECTIONS ON NEWER VALVE ASSEMBLIES IF REMOTE OPTION NOT AVAILABLE)**	- -

Tire Inflation System (Option)

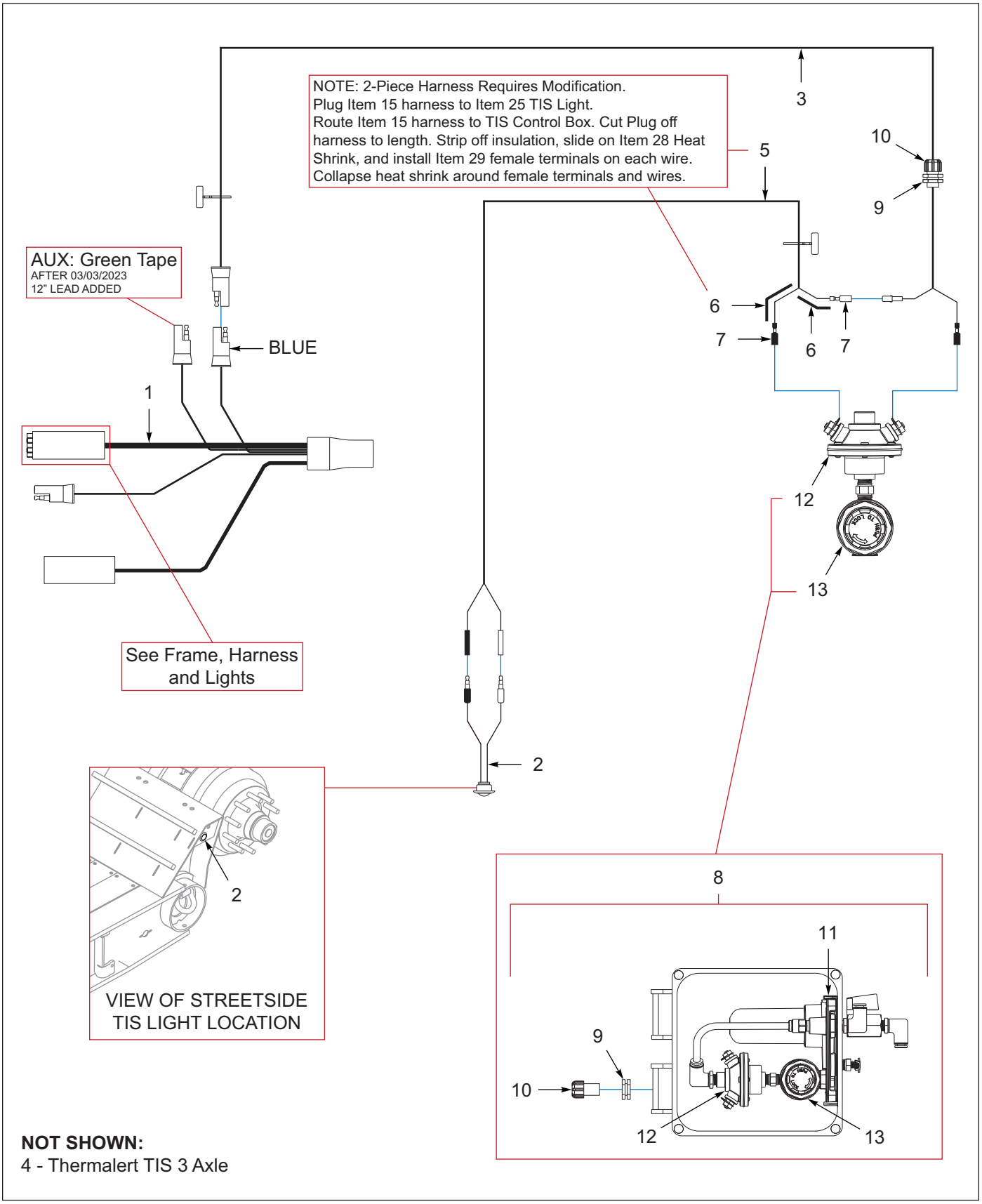


Figure 11-31: Tire Inflation System (Option)

Tire Inflation System (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	223307	3 AXLE TIS DETACH W/FLIP PROV	- -
	231421	FRAME ASSY 855F-25 60AX **(25')**	- -
	227018	FRAME ASSY 855F-26 54AX **(26')**	- -
	230063	FRAME ASSY 855F-26 54AX DS **(26' DROPSIDE)**	- -
	230573	FRAME ASSY 855-27.5 54AX **(27.5')**	- -
1	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)**	1
2	183413	LIGHT,WHT LED .75 CL/MK GROTE	1
3	202207	HARNESS MOD, TIS POWER ASSY	1
4	195395	THERMALERT TIS 3 AXLE **(SYSTEM, AIR - SEE PAGE 10-49)**	1
5	168613	THERMALERT WIRING HARNESS **(CUT TO FIT, ORDER ITEMS 6-7)**	1
6	HEHM240	TUBING HEAT SHRINK 1/4" BLACK **(BY THE FOOT)**	.5
7	239-3650-1	TERMINAL FEMALE SLIP ON 14AWG	2
8	168618	THERMALERT CONTROL BOX **(SYSTEM, AIR - SEE PAGE 10-49)**	1
9	106-0006	NUT 1/2 CONDUIT STL	1
10	20125	STRAIN RELIEF, 1/4TO3/8	1
11	230613	TIS MANIFOLD ASSY (NEW STYLE) **(INCLUDES ITEMS 13 AND GASKET, 4 SCREWS & 8" AIR LINE)**	1
12	180229	FLOW SENSING SWITCH	1
13	- - - - -	PRESSURE REGULATOR **(INCLUDED WITH ITEM 11)**	1

System, Grease

Gooseneck Assembly, Standard Duty & Heavy Duty

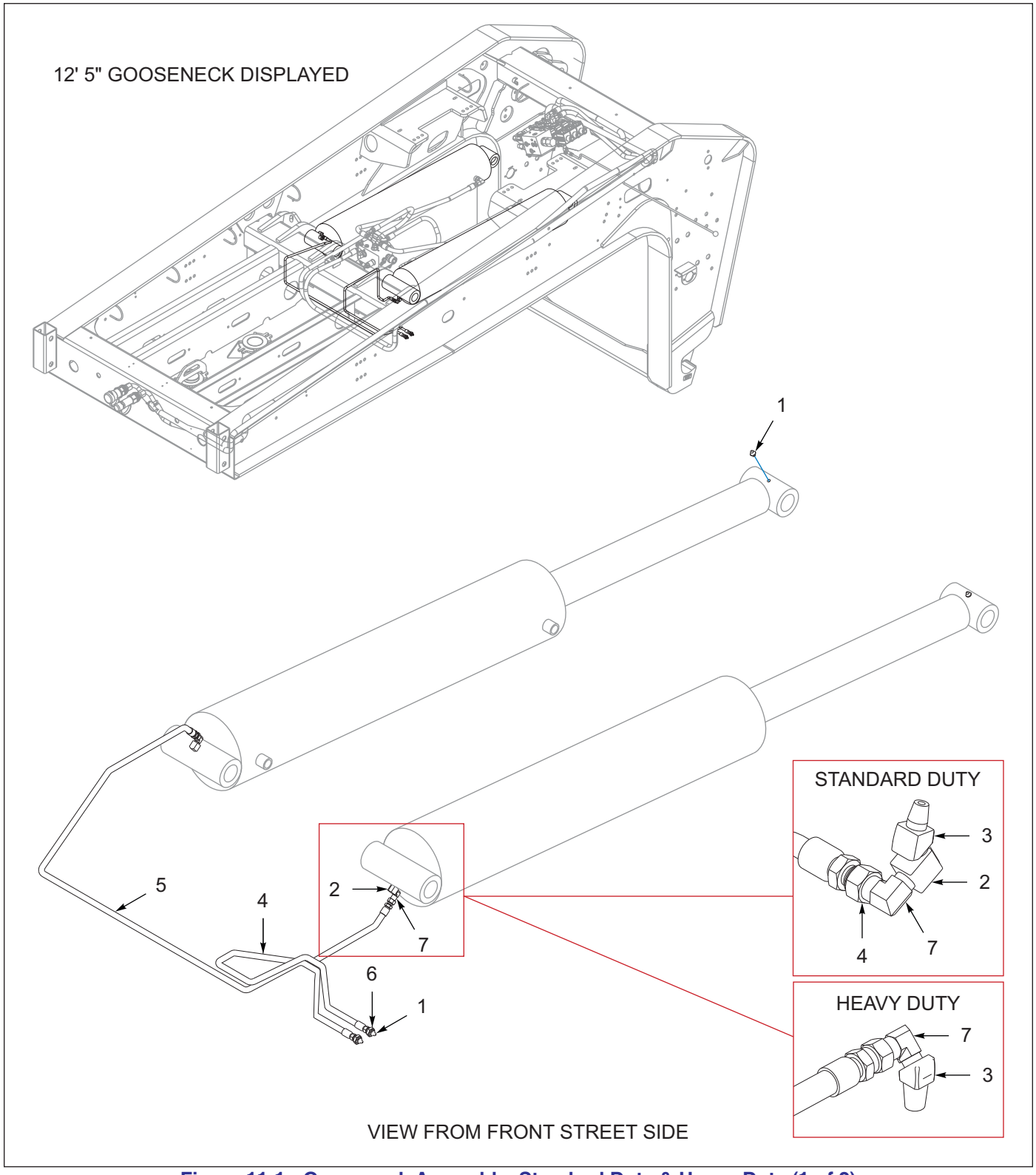


Figure 11-1: Gooseneck Assembly, Standard Duty & Heavy Duty (1 of 2)

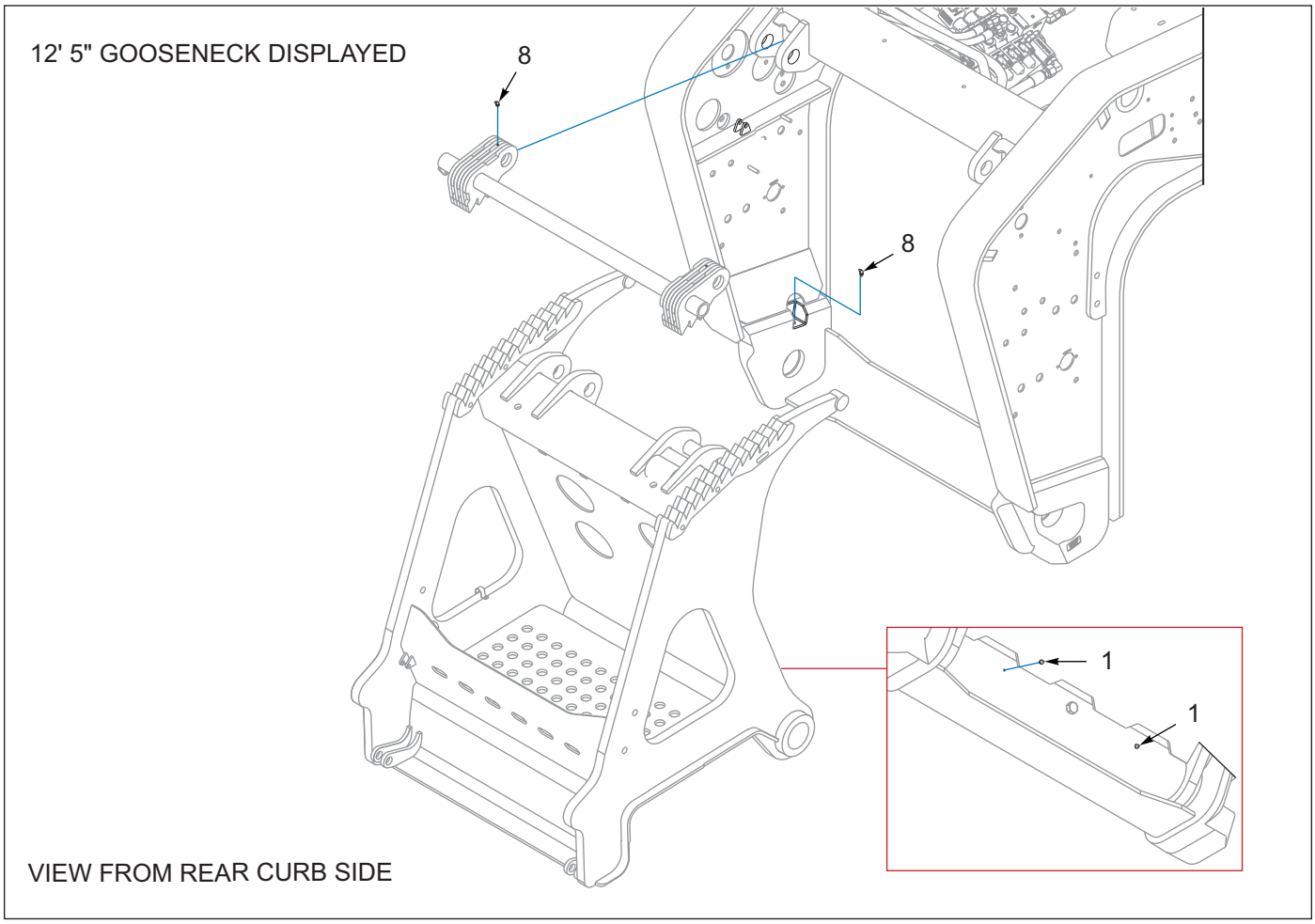


Figure 11-2: Gooseneck Assembly, Standard Duty & Heavy Duty (2 of 2)

Gooseneck Assembly, Standard Duty & Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	197670	GOOSENECK ASSY 855E 12'5" **(REF 1)**	- -
	200030	GOOSENECK ASSY 855E 10' 9" **(REF 2)**	- -
	208616	GOOSENECK ASSY 855E 10'9"W/FLP **(REF 3)**	- -
	199980	GOOSENECK ASSY 855E-HD **(REF 4)**	- -
1	1-298-010001-1	ZERK FITTING 1/4 SAE	2
2	101528	ELBOW,BRASS PIPE STREET **(REF 1-3, BEFORE 09/15/2023)**	2
2	202099	FITTING GREASE 90 SWIV PTC 1/8 **(REF 1-3, AFTER 09/15/2023)**	2
3	121355	ELBOW ST 45DEG 1/4-28X1/8PTF	2
4	142441	HOSE ASSY,GREASE 1/4X45 **(INCL. ITEM 1) (REF 1-3, BEF. 09/15/2023)**	1
4	202103	HOSE ASSY GREASE 1/8 X 45 **(INCL. ITEM 1) (REF 1-3, AFT. 09/15/2023)**	1
4	146924	HOSE ASSY GREASE 1/4X36 **(INCL. ITEM 1) (REF 4, BEF. 09/15/2023)**	1
4	202102	HOSE ASSY GREASE 1/8 X 36 **(INCL. ITEM 1) (REF 4, AFT. 09/15/2023)**	1
5	142465	HOSE ASSY GREASE 1/4X67 **(INCL. ITEM 1) (REF 1-3, BEF. 09/15/2023)**	1
5	202105	HOSE ASSY GREASE 1/8 X 67 **(INCL. ITEM 1) (REF 1-3, AFT. 09/15/2023)**	1
5	142442	HOSE ASSY,GREASE 1/4X60 **(INCL. ITEM 1) (REF 4, BEF. 09/15/2023)**	1
5	202104	HOSE ASSY GREASE 1/8 X 60 **(INCL. ITEM 1) (REF 4, AFT. 09/15/2023)**	1
6	142545	NUT 7/16 FOR BULKHEAD	2
7	2024-2-4S	ADAPTER, ELBOW **(BEFORE 09/15/2023, AFTER NOT USED)**	2
8	5210	ZERK FITTING 1/4-28X45 SAE	4

Frame, Axle Drum Brake Camshafts

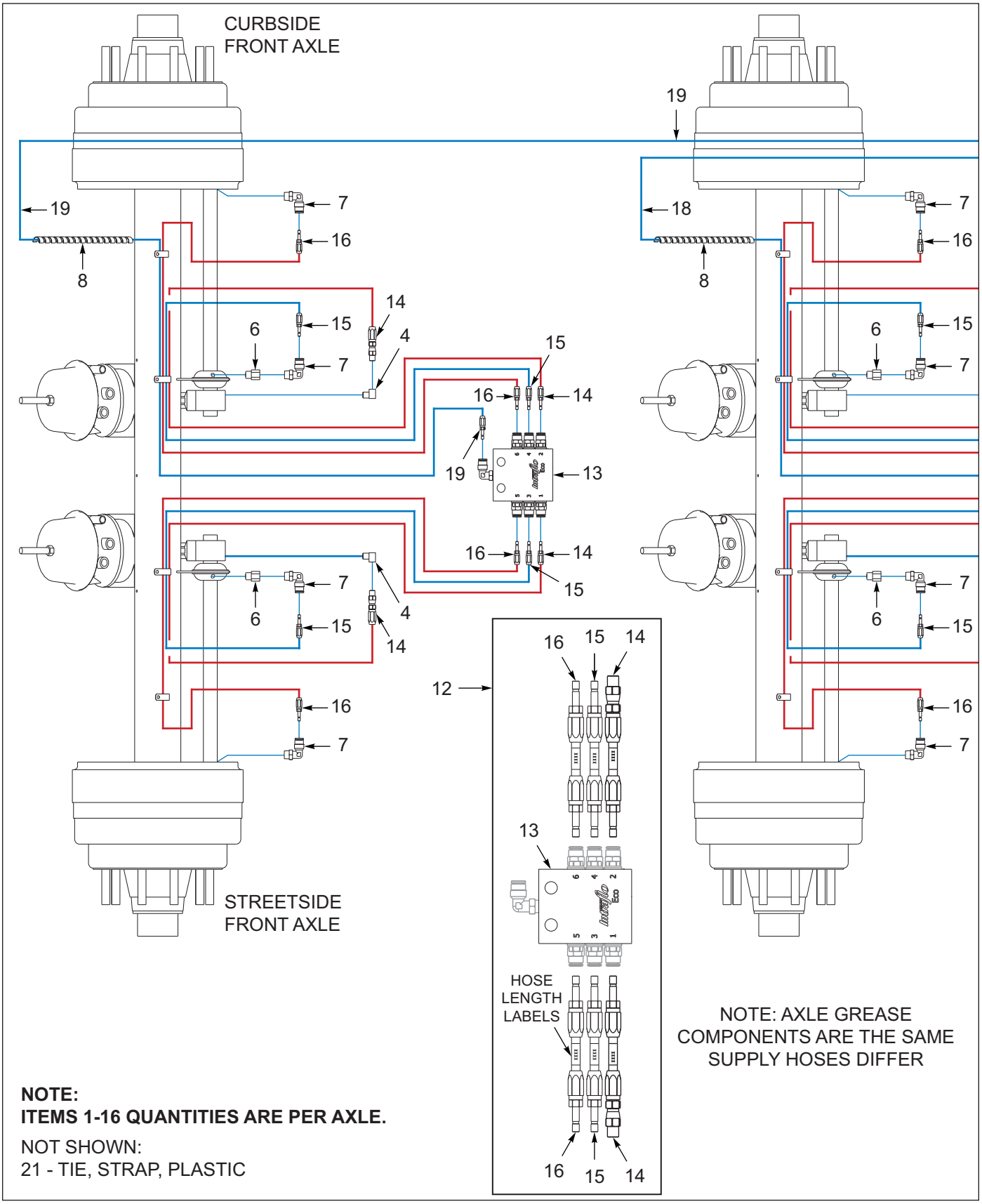


Figure 11-3: Frame, Axle Drum Brake Camshafts, 3 Axle (1 of 3)

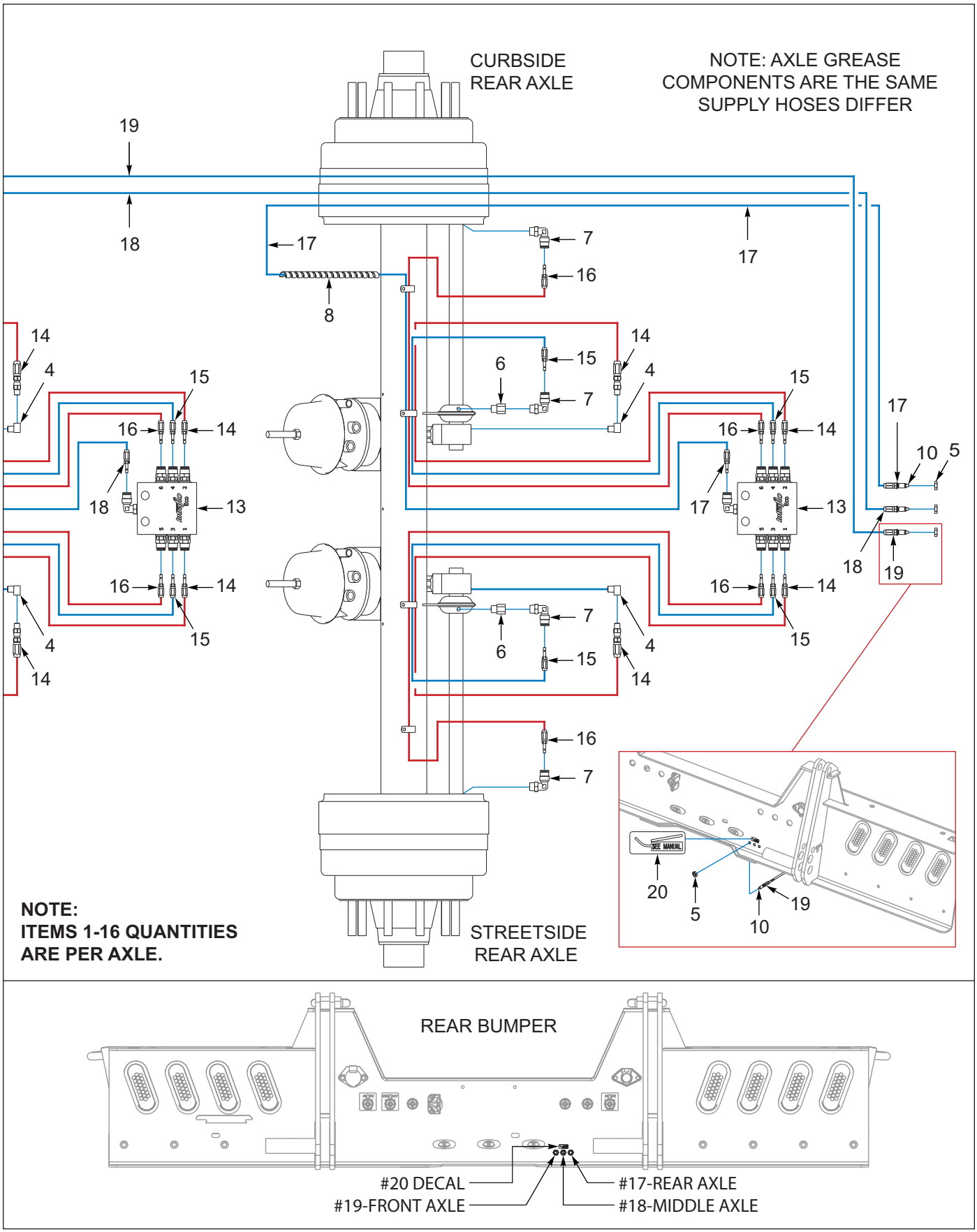


Figure 11-4: Frame, Axle Drum Brake Camshafts, 3 Axle (2 of 3)

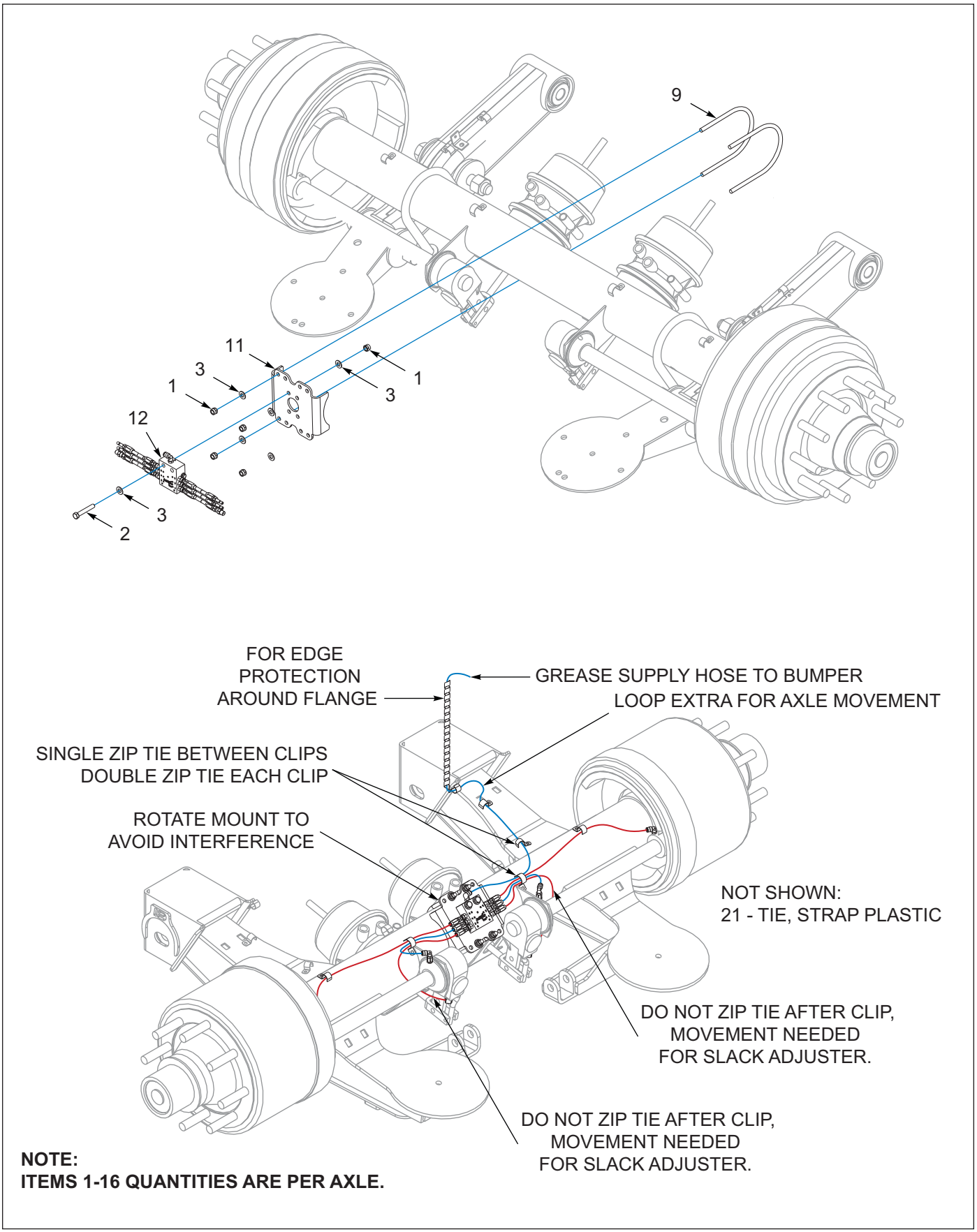


Figure 11-5: Frame, Axle Drum Brake Camshafts, 3 Axle (3 of 3)

Frame, Axle Drum Brake Camshafts, 3 Axle

ITEM	PART NUMBER	DESCRIPTION	QTY.
	238620	GREASE ASSY 800-102 3AX DRUM **(102" WIDE TRAILER)**	- -
	238627	GREASE ASSY 800-108/120 3AXDRM **(108" & 120" WIDE TRAILER)**	- -
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	6
2	1-654-010051-10	SCREW,HX CP3/8-16X2-1/4 GR5	2
3	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	8
4	101528	ELBOW,BRASS PIPE STREET	2
5	142545	NUT 7/16 FOR BULKHEAD	1
6	202094	ADAPTER 5/16--18X1/8NPT(F)	2
7	202099	FITTING GREASE 90 SWIV PTC 1/8	4
8	212785	SPIRAL LOOM, 1/2" BLACK **(BY THE FOOT)**	1
9	222479	U-BOLT 3/8-16X5X6-3/4X2" T ZP	2
10	1-298-010001-1	ZERK FITTING 1/4 SAE **(INCLUDED WITH ITEMS 17-19)**	1
11	224325	MOUNT BOLT-ON AXLE GREASE VLV	1
12	225696	VALVE AXLE GREASE ASM 22-20-30 **(12A - 102" WIDE) (KIT INCLUDES ITEMS 13A-16A)**	1
12	233684	VALVE AXLE GREASE ASM 28-25-36 **(12B - 108", 120" WIDE) (KIT INCLUDES ITEMS 13B-16B)**	1
13	224304	VALVE AXLE GREASE DIVIDER **(NON-REPAIRABLE, INCLUDES ALL FITTINGS, FITTINGS NOT SOLD SEPARATELY) (INCLUDED WITH ITEMS 12A, 12B)**	1
14	225770	HOSE ASSY GREAST 1/8" X 22" **(PORTS 1 & 2, 102" WIDE) (INCLUDED WITH ITEM 12A)**	2
14	233683	HOSE ASSY GREASE 1/8" X 28" **(PORTS 1 & 2, 108", 120" WIDE) (INCLUDED WITH ITEM 12B)**	2
15	225698	HOSE ASSY GREASE 1/8" X 20" **(PORTS 3 & 4, 102" WIDE) (INCLUDED WITH ITEM 12A)**	2
15	229179	HOSE ASSY GREASE 1/8" X 25" **(PORTS 3 & 4, 108", 120" WIDE) (INCLUDED WITH ITEM 12B)**	2
16	225700	HOSE ASSY GREAST 1/8" X 30" **(PORTS 5 & 6, 102" WIDE) (INCLUDED WITH ITEM 12A)**	2
16	233682	HOSE ASSY GREASE 1/8" X 36" **(PORTS 5 & 6, 108", 120" WIDE) (INCLUDED WITH ITEM 12B)**	2
17	202111	HOSE ASSY GREASE 1/8 X 102 **(REAR AXLE) (INCLUDES ITEM 10, 1 EACH)**	1
18	202118	HOSE ASSY GREASE 1/8 X 156 **(CENTER AXLE, 102" WIDE) (INCLUDES ITEM 10, 1 EACH)**	1
18	202120	HOSE ASSY GREASE 1/8 X 168 **(CENTER AXLE, 108", 120" WIDE) (INCLUDES ITEM 10, 1 EACH)**	1
19	204223	HOSE ASSY GREASE 1/8 X 200 **(FRONT AXLE, 102" WIDE) (INCLUDES ITEM 10, 1 EACH)**	1
19	204225	HOSE ASSY GREASE 1/8 X 227**(FRONT AXLE, 108", 120" WIDE) (INCLUDES ITEM 10, 1 EACH)**	1
20	2-573-010330-04	DECAL LUBRICATION, SEE MANUAL	1
21	1-796-010003-01	TIE, STRAP, PLASTIC .184X7.31 **(BY THE LB) (NOT SHOWN)**	- -

Flip Axle Drum Brake Camshafts

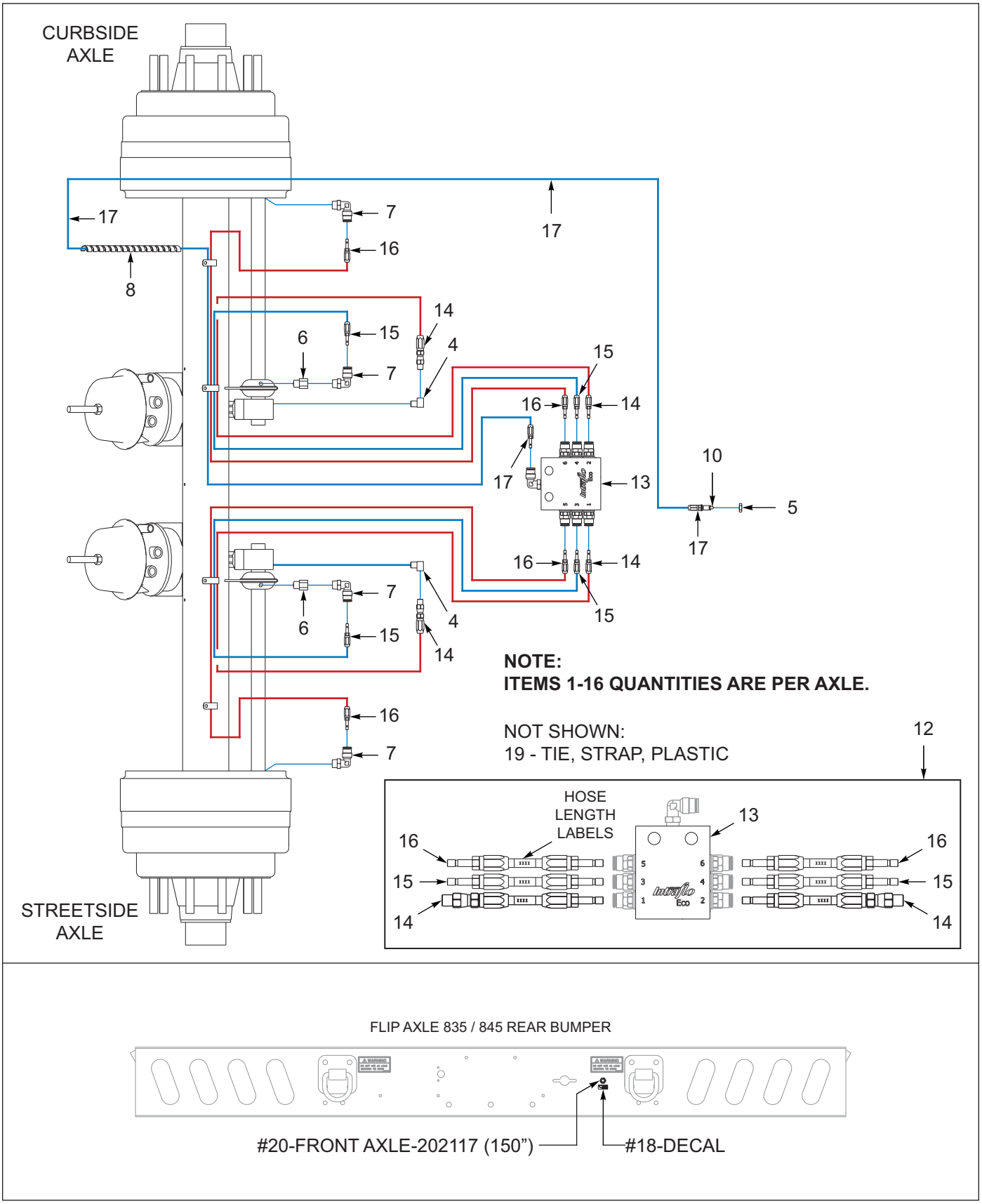


Figure 11-6: Flip Axle Drum Brake Camshafts (1 of 2)

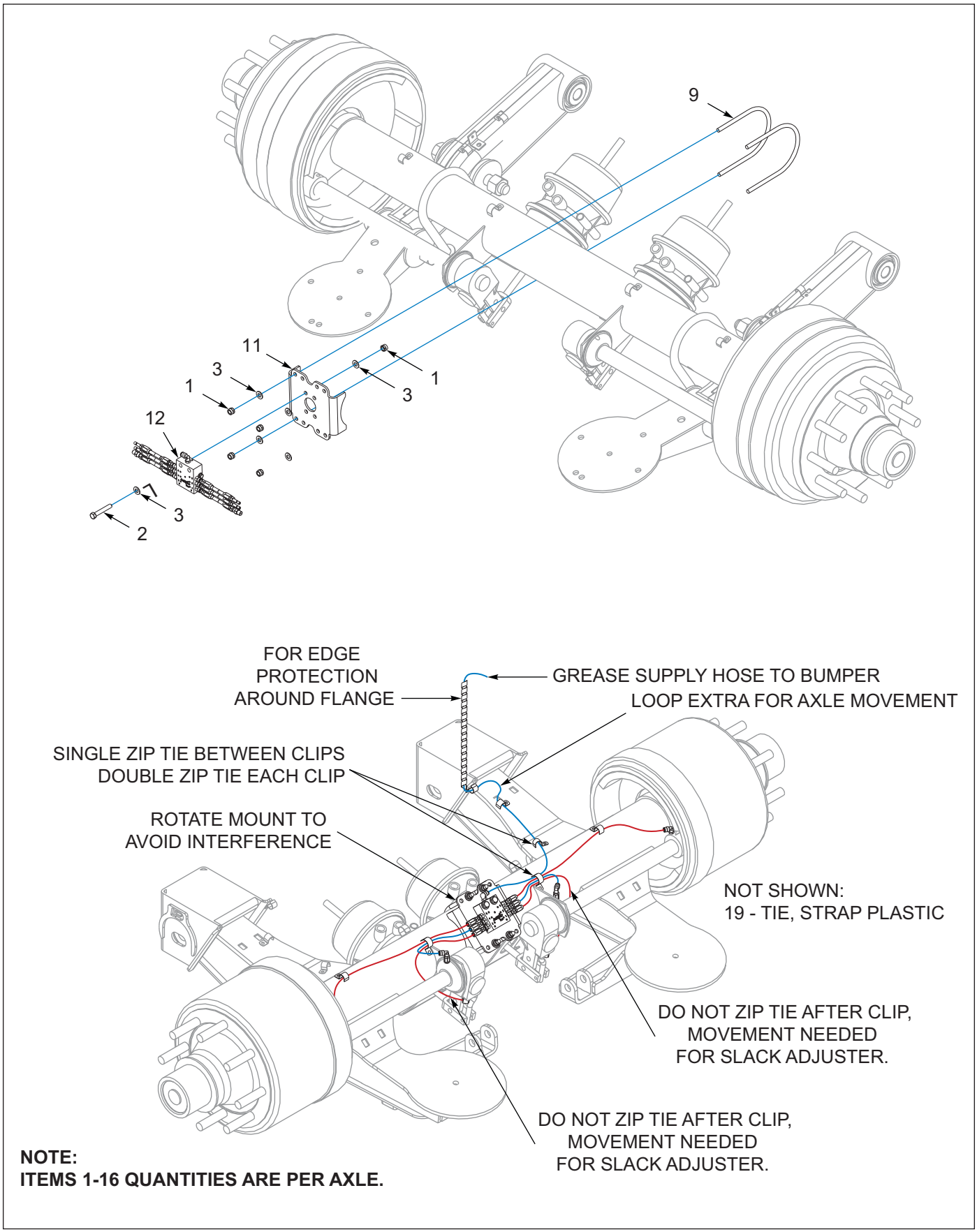


Figure 11-7: Flip Axle Drum Brake Camshafts (2 of 2)

Flip Axle Drum Brake Camshafts

ITEM	PART NUMBER	DESCRIPTION	QTY.
	218803	FLIP ASSY 800F-60"-102"	- -
	218808	FLIP ASSY 800F-60"-102" HYD	- -
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	6
2	1-654-010051-10	SCREW,HX CP3/8-16X2-1/4 GR5	2
3	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	8
4	101528	ELBOW,BRASS PIPE STREET	2
5	142545	NUT 7/16 FOR BULKHEAD	1
6	202094	ADAPTER 5/16--18X1/8NPT(F)	2
7	202099	FITTING GREASE 90 SWIV PTC 1/8	4
8	212785	SPIRAL LOOM, 1/2" BLACK **(BY THE FOOT)**	1
9	222479	U-BOLT 3/8-16X5X6-3/4X2" T ZP	2
10	1-298-010001-1	ZERK FITTING 1/4 SAE **(INCLUDED WITH ITEM 17)**	1
11	224325	MOUNT BOLT-ON AXLE GREASE VLV	1
12	225696	VALVE AXLE GREASE ASM 22-20-30 **(KIT INCLUDES ITEMS 13-16)**	1
13	224304	VALVE AXLE GREASE DIVIDER **(NON-REPAIRABLE, INCLUDES ALL FITTINGS, FITTINGS NOT SOLD SEPARATELY) (INCLUDED WITH ITEM 12)**	1
14	225770	HOSE ASSY GREAST 1/8" X 22" **(PORTS 1 & 2) (INCLUDED WITH ITEM 12)**	2
15	225698	HOSE ASSY GREASE 1/8" X 20" **(PORTS 3 & 4) (INCLUDED WITH ITEM 12)**	2
16	225700	HOSE ASSY GREAST 1/8" X 30" **(PORTS 5 & 6) (INCLUDED WITH ITEM 12)**	2
17	202109	HOSE ASSY GREASE 1/8 X 94 **(INCLUDES ITEM 10)**	1
18	2-573-010330-04	DECAL LUBRICATION, SEE MANUAL	1
19	1-796-010003-01	TIE, STRAP, PLASTIC .184X7.31 **(BY THE LB) (NOT SHOWN)**	- -

Table provided for general use.

NOTES:

System, Hydraulic

Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty

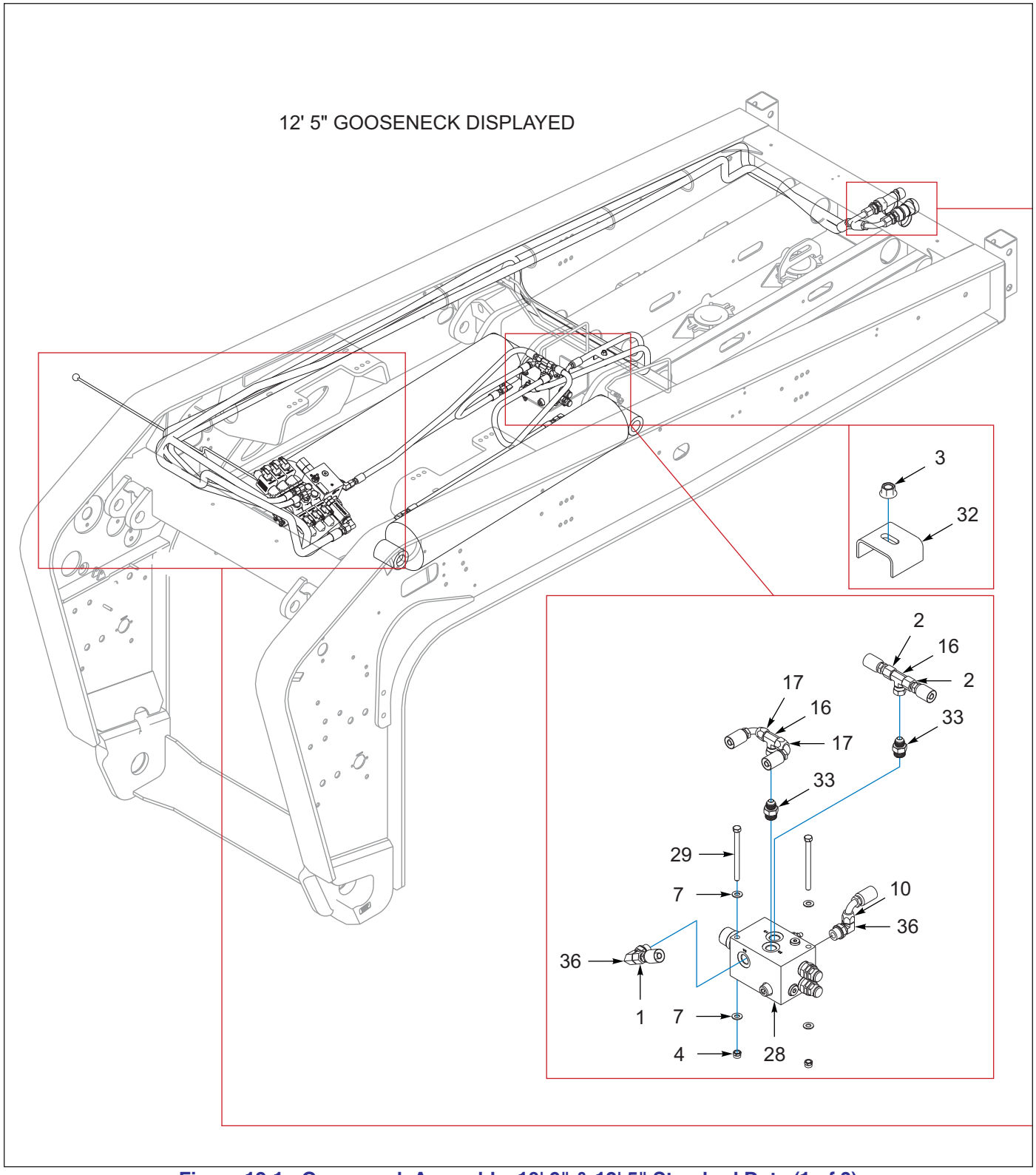
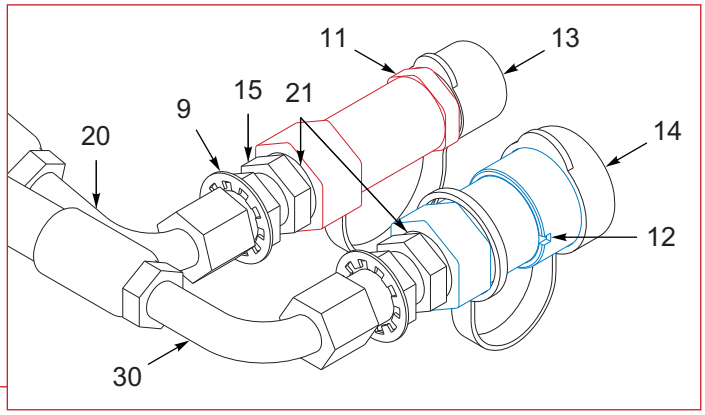


Figure 12-1: Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty (1 of 3)



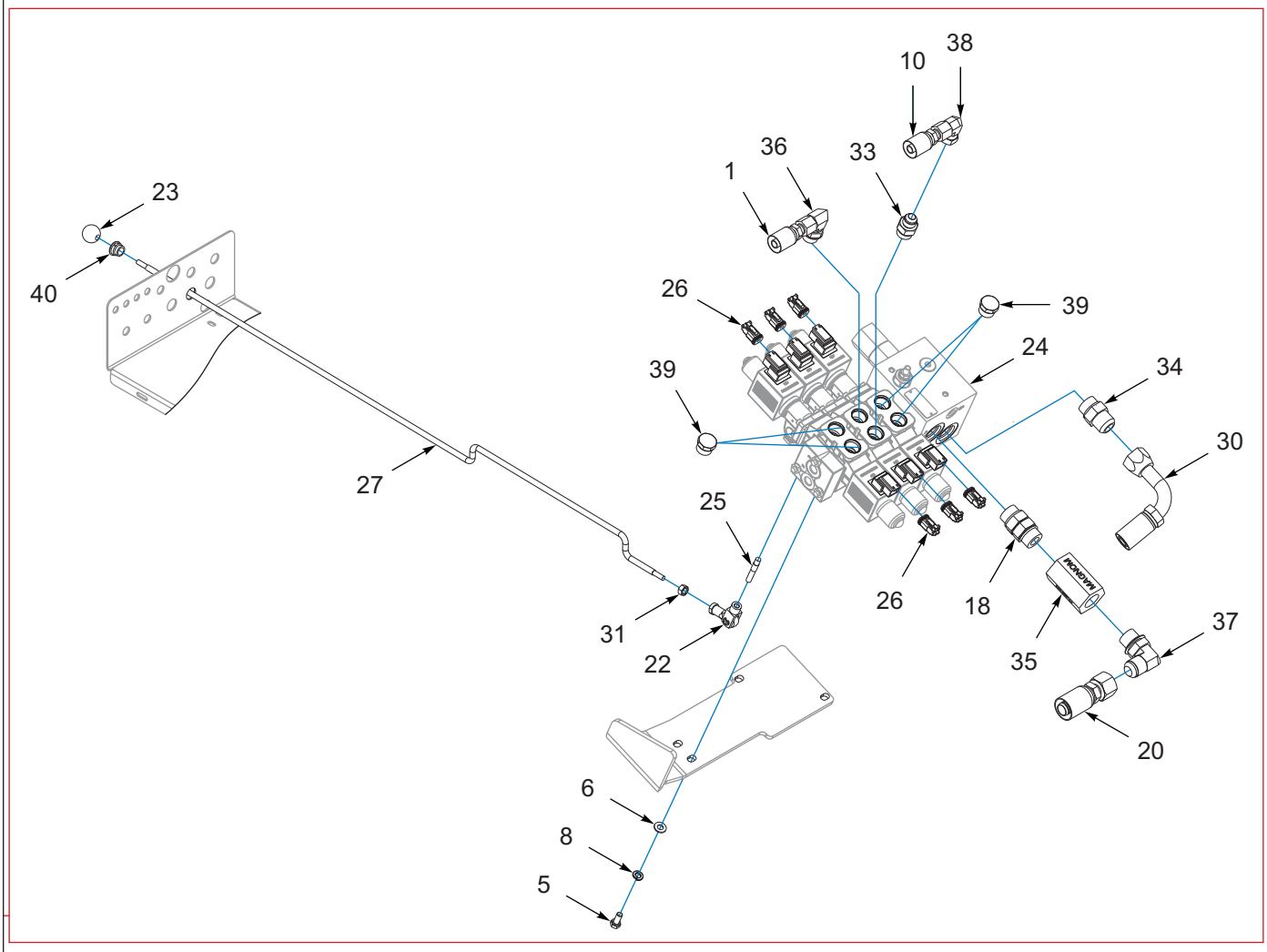


Figure 12-2: Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty (2 of 3)

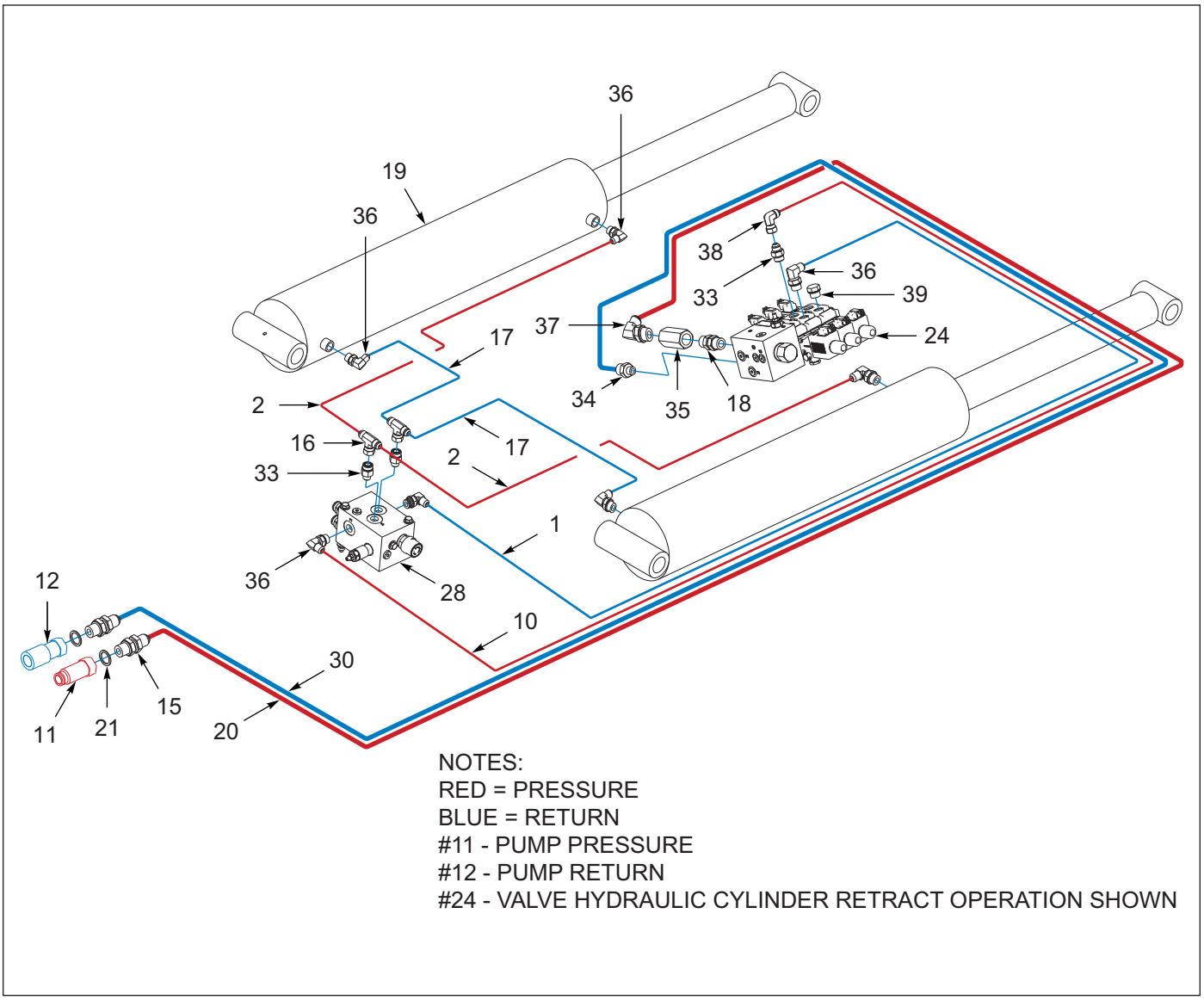


Figure 12-3: Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty (3 of 3)

Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	197670	GOOSENECK ASSY 855E 12'5"	- -
	200030	GOOSENECK ASSY 855E 10' 9"	- -
	208616	GOOSENECK ASSY 855E 10'9"W/FLP	- -
1	1-397-010301136	HOSE ASSY,1/2X136 SAE 37 STR **(12' 5" & 10' 9" GOOSENECKS)**	1
2	1-397-010302060	HOSE ASSY1/2X60,SAE37,STR-90 **(12' 5" GOOSENECK ONLY)**	2
2	121002	HOSE ASSY1/2X45,SAE37,STR-STR **(10' 9" GOOSENECKS ONLY)**	2
3	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	1
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
5	1-654-010049-03	SCREW HX CP 5/16-18UNCX3/4GR5	4
6	1-861-010032-08	WASHER,FLAT 5/16 N ZP	4
7	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	4
8	1-861-010034-10	WASHER,LKG 5/16	4
9	1-861-010059-21	WASHER,LKG,INTL TOOTH 1-1/8	2
10	104370	HOSE ASSY 1/2X126,SAE37,STR90 **(12' 5" & 10' 9" GOOSENECKS)**	1

Gooseneck Assembly, 10' 9" & 12' 5" Standard Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
11	105479	COUPLER FLAT FACE MALE NOSE **(PARTS - SEE PAGE 12-42) (BEFORE 03/01/2022 -SILVER BODY)**	- -
11	239677	COUPLER FL FACE ISO -12 MALE **(PARTS - SEE PAGE 12-42) (AFTER 03/01/2022- BLACK BODY)**	1
12	105480	COUPLER FLAT FACE FEMALE BODY **(PARTS - SEE PAGE 12-42) (BEFORE 03/01/2022)**	- -
12	239678	COUPLER FL FACE ISO -12 FEMALE **(PARTS - SEE PAGE 12-42) (AFTER 03/01/2022)**	1
13	105481	COUPLER DUST CAP MALE **(BEFORE 03/01/2022)**	1
13	239679	DUST CAP -12 ISO MALE COUPLER **(AFTER 03/01/2022)**	1
14	105482	COUPLER DUST CAP FEMALE **(BEFORE 03/01/2022)**	1
14	239680	DUST CAP FEMALE COUPLER -12ISO **(AFTER 03/01/2022)**	1
15	105483	ADAPTER BLKHD 12JIC-12 ORING	2
16	123109	ADAPTER, TEE, #8JIC FEM BR	2
17	125871	HOSE ASSY 1/2X21 SAE37 STR-90 **(12' 5" & 10' 9" GOOSENECKS)**	2
18	158581	ADAPTER STR #12 ORB - #12 ORB	1
19	160366	CYL HYD 7 X 34 O-RING **(CYLINDER COMPONENTS - SEE PAGE 12-33)**	2
20	163352	HOSE ASSY,3/4X180,SAE37,STR90 **(12' 5" GOOSENECK ONLY)**	1
20	1-397-010305164	HOSE ASSY,3/4X164,SAE37,STR90 **(10' 9" GOOSENECKS ONLY)**	1
21	169365	SPACER HYDR COUPLERS **(USED BEFORE 02/01/202, REQ 2 EACH - AFTER HEX RETAINER WELDED TO FRAME)**	- -
22	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
23	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
24	186885	VALVE, 3 SP, MOTOR, SOLENOID **(VALVE COMPONENTS - SEE PAGE 12-41)**	1
25	193910	STUD M8-1.25X50MM DBLE THD	1
26	194407	PLUG ASSY DUMMY DEUTSCH 2 PIN	6
27	197610	ROD HANDLE M8X1.25 ENDS LONG	1
28	197615	VALVE REGEN DUAL COUNTERBALANC	1
29	197617	SCREW,HEX CAP,3/8-16UNC, 4-3/4	2
30	197668	HOSE ASSY 3/4X172#12JIC 90-90L **(12' 5" GOOSENECK ONLY)**	1
30	197632	HOSE ASSY 3/4X154 #12 90-90L **(10' 9" GOOSENECKS ONLY)**	1
31	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
32	2-181-010001	HOSE CLAMP	1
33	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
34	202702-12-12S	ADAPTER,#12 O-RING X #12 TUBE	1
35	204124	FILTER HYD IN-LINE MAGNETIC	1
36	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	7
37	2062-12-12S	ADAPTER,90,#12 O-RINGX#12TUBE	1
38	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
39	620-0887	FTG,PLUG #10 MALE O-RING BOSS	4
40	178444	BUSHING NYLON INSERT 9/16ID	1

Gooseneck Assembly, Heavy Duty

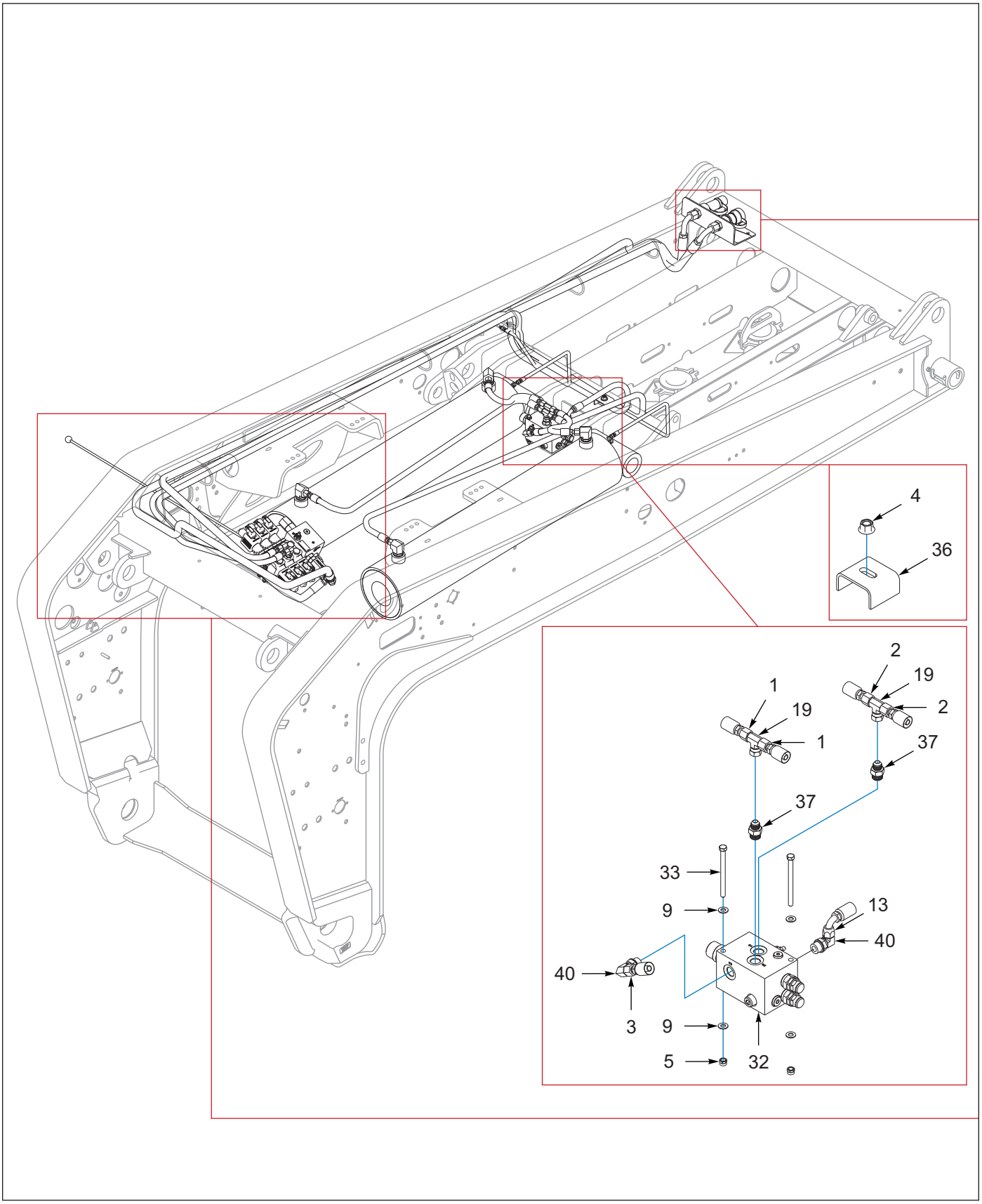


Figure 12-4: Gooseneck Assembly, Heavy Duty (1 of 3)

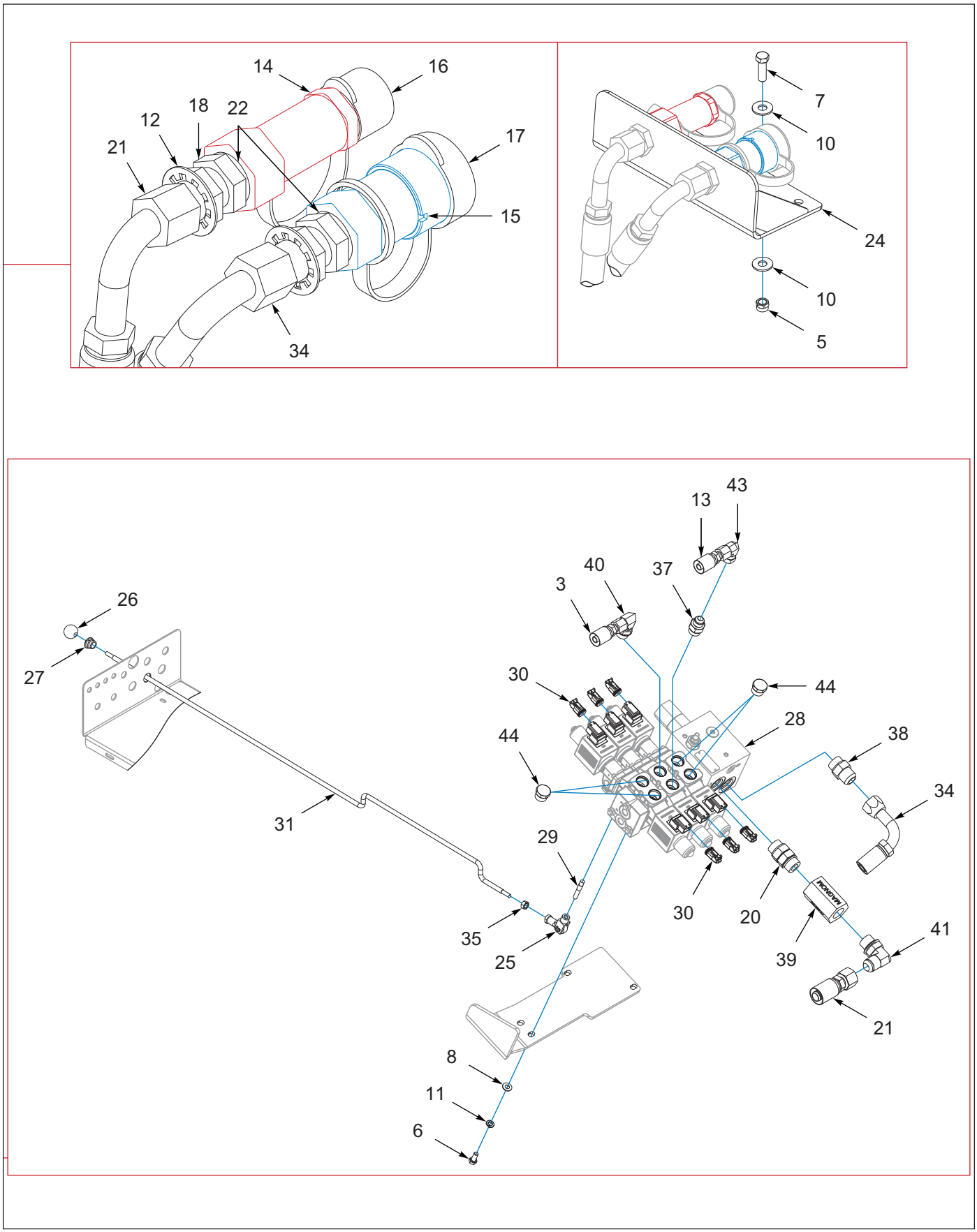


Figure 12-5: Gooseneck Assembly, Heavy Duty (2 of 3)

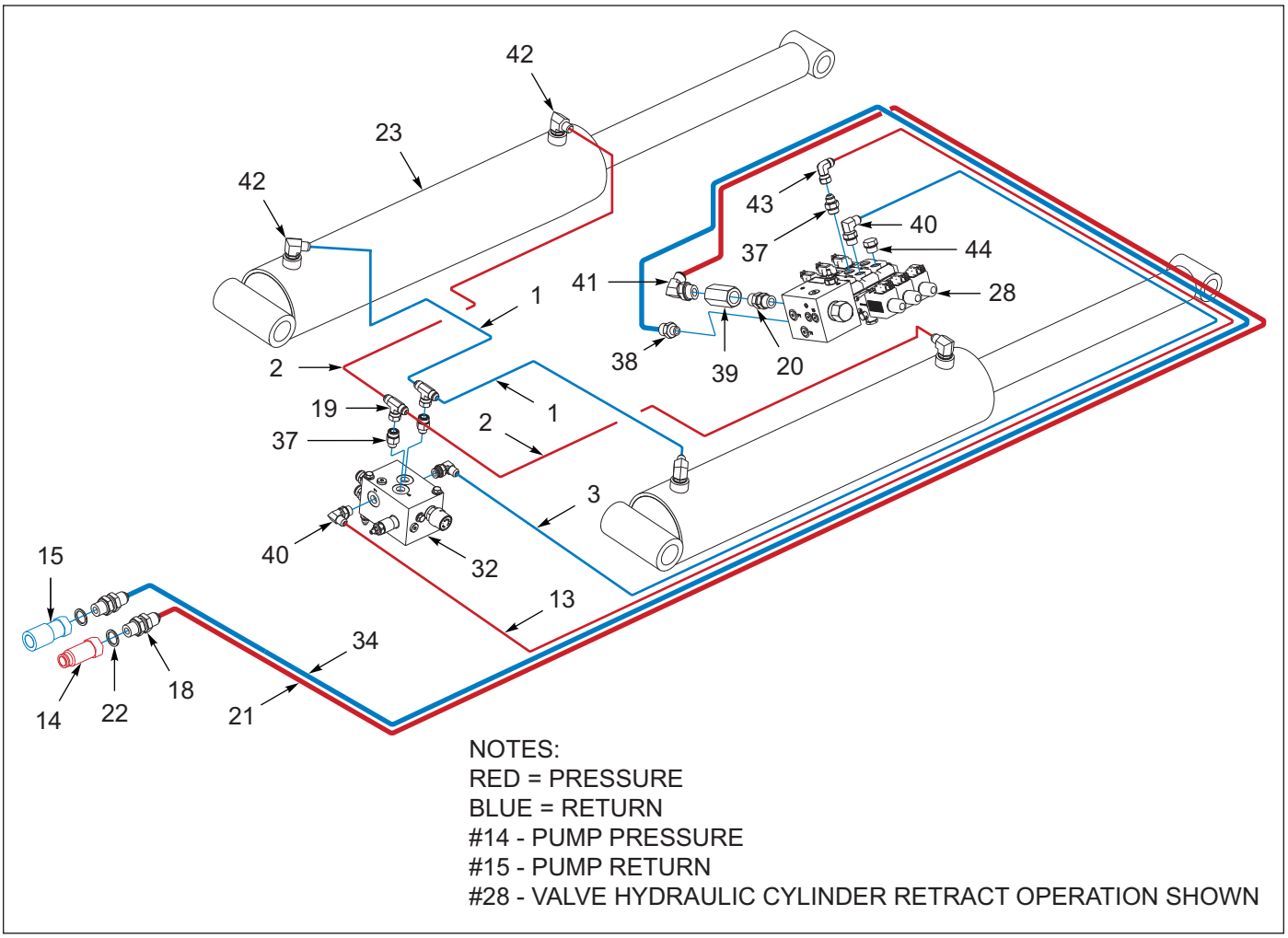


Figure 12-6: Gooseneck Assembly, Heavy Duty (3 of 3)

Gooseneck Assembly, Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	199980	GOOSENECK ASSY 855E-HD	- -
1	1-397-010301018	HOSE ASSY1/2X18,SAE 37,STR-STR	2
2	1-397-010301054	HOSE ASSY,1/2X54,SAE 37 STR	2
3	1-397-010301136	HOSE ASSY,1/2X136 SAE 37 STR	1
4	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	1
5	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
6	1-654-010049-03	SCREW HX CP 5/16-18UNCX3/4GR5	4
7	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
8	1-861-010032-08	WASHER,FLAT 5/16 N ZP	4
9	1-861-010032-10	WASHER, FLAT 3/8” N ZP/CD	4
10	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	4
11	1-861-010034-10	WASHER,LKG 5/16	4
12	1-861-010059-21	WASHER,LKG,INTL TOOTH 1-1/8	2
13	104370	HOSE ASSY 1/2X126,SAE37,STR90	1
14	105479	COUPLER FLAT FACE MALE NOSE **(PARTS - SEE PAGE 12-42) (BEFORE 03/01/2022 - SILVER BODY)**	- -
14	239677	COUPLER FL FACE ISO -12 MALE **(PARTS - SEE PAGE 12-42) (AFTER 03/01/2022 - BLACK BODY)**	1

Gooseneck Assembly, Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
15	105480	COUPLER FLAT FACE FEMALE BODY **(PARTS - SEE PAGE 12-42) (BEFORE 03/01/2022)**	- -
15	239678	COUPLER FL FACE ISO -12 FEMALE **(PARTS - SEE PAGE 12-42) (AFTER 03/01/2022)**	1
16	105481	COUPLER DUST CAP MALE **(BEFORE 03/01/2022)**	1
16	239679	DUST CAP -12 ISO MALE COUPLER **(AFTER 03/01/2022)**	1
17	105482	COUPLER DUST CAP FEMALE **(BEFORE 03/01/2022)**	1
17	239680	DUST CAP FEMALE COUPLER -12ISO **(AFTER 03/01/2022)**	1
18	105483	ADAPTER BLKHD 12JIC-12 ORING	2
19	123109	ADAPTER, TEE, #8JIC FEM BR	2
20	158581	ADAPTER STR #12 ORB - #12 ORB	1
21	163352	HOSE ASSY,3/4X180,SAE37,STR90 **(BEFORE 03/28/2022)**	1
21	241201	HOSE ASSY3/4X150SAE37 STR-STR **(AFTER 03/28/2022)**	1
22	169365	SPACER HYDR COUPLERS **(USED BEFORE 02/01/202, REQ 2 EACH - AFTER HEX RETAINER WELDED TO FRAME)**	- -
23	170421	CYLINDER, HYD 8X36 0-RING **(CYLINDER COMPONENTS - SEE PAGE 12-35)**	2
24	182176	WLDMT, COUPLER MOUNT	1
25	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
26	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
27	178444	BUSHING NYLON INSERT 9/16ID	1
28	186885	VALVE, 3 SP, MOTOR, SOLENOID **(VALVE COMPONENTS - SEE PAGE 12-41)**	1
29	193910	STUD M8-1.25X50MM DBLE THD	1
30	194407	PLUG ASSY DUMMY DEUTSCH 2 PIN	6
31	197610	ROD HANDLE M8X1.25 ENDS LONG	1
32	197615	VALVE REGEN DUAL COUNTERBALANC	1
33	197617	SCREW,HEX CAP,3/8-16UNC, 4-3/4	2
34	197668	HOSE ASSY 3/4X172#12JIC 90-90L **(BEFORE 03/28/2022)**	1
34	241202	HOSE ASSY3/4X150#12SAE37STR-90 **(BEFORE 03/28/2022)**	1
35	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
36	2-181-010001	HOSE CLAMP	1
37	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
38	202702-12-12S	ADAPTER,#12 O-RING X #12 TUBE	1
39	204124	FILTER HYD IN-LINE MAGNETIC	1
40	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	3
41	2062-12-12S	ADAPTER,90,#12 O-RINGX#12TUBE	1
42	2062-16-8S	ADAPTER 90 1 BOSSX1/2 37	4
43	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
44	620-0887	FTG,PLUG #10 MALE O-RING BOSS	4

Gooseneck Flip Extension, Hydraulic (Option)

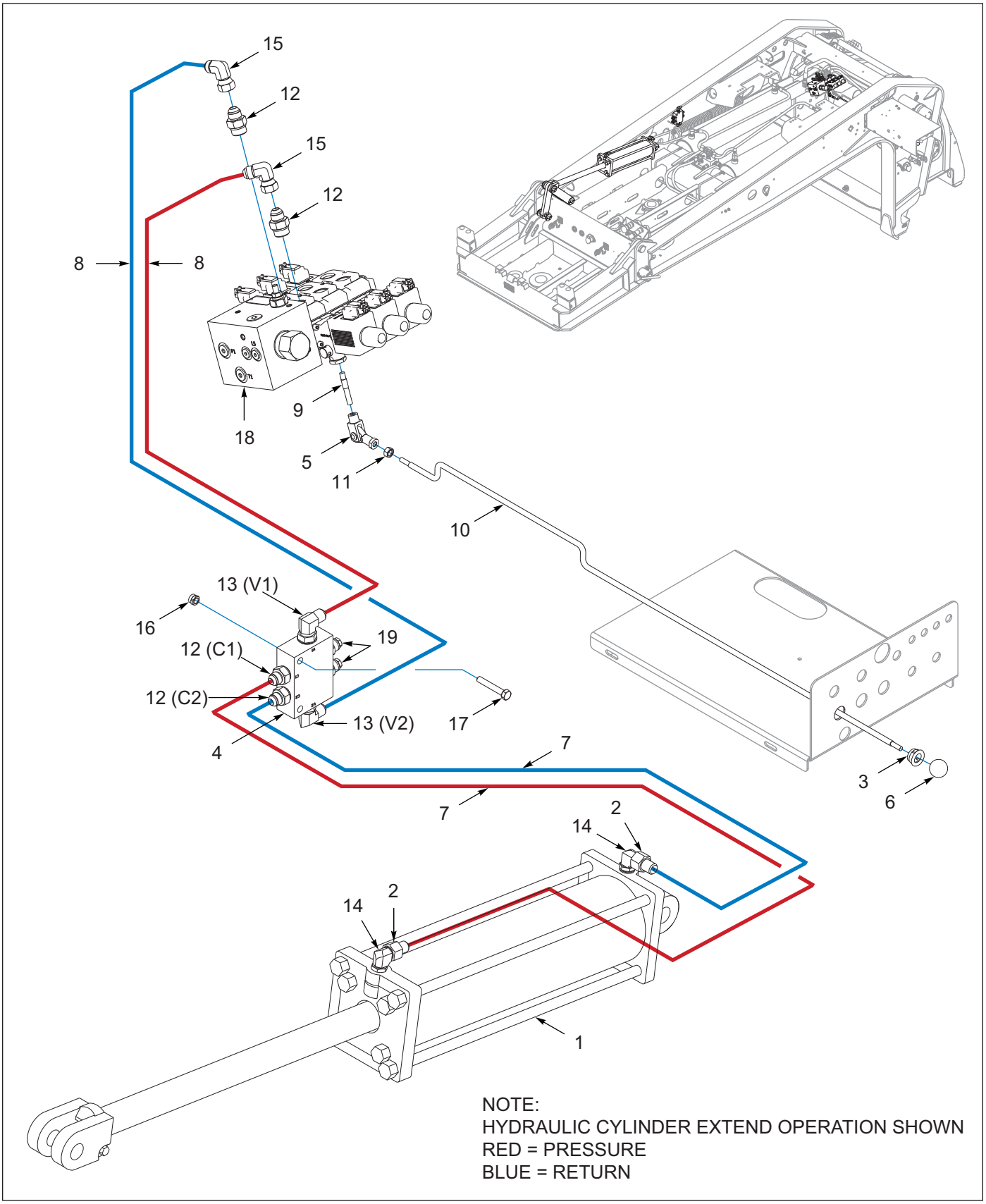


Figure 12-7: Gooseneck Flip Extension, Hydraulic (Option)

Gooseneck Flip Extension, Hydraulic (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	239692	HYD FRT 800F G/N FLIP INST	- -
1	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI **(INCLUDES ITEMS 7-8)** **(CYLINDER COMPONENTS - SEE PAGE 12-37)**	1
2	127806	ADAPTER,HYD,-8JIC W/3/32RESTR	2
3	178444	BUSHING NYLON INSERT 9/16ID	1
4	184585	VALVE,DUAL COUNTER BALANCE,30G **(INCLUDES ITEM 19)**	1
5	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
6	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
7	192068	HOSE ASM, 3/8 X 46	1
8	192481	HOSE ASSY 3/8 X 88	1
9	193910	STUD M8-1.25X50MM DBLE THD	1
10	197610	ROD HANDLE M8X1.25 ENDS LONG	1
11	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
12	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	4
13	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	2
14	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	2
15	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	2
16	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
17	108628	SCREW HX CP 5/16-18UNCX2-1/4	2
18	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(INSTALLATION - SEE PAGE 12-1 & 12-5)** **(VALVE COMPONENTS - SEE PAGE 12-41)**	1
19	236533	COUNTERBALANCE CARTRIDGE SAE10 **(INCLUDED WITH ITEM 4)**	2

Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

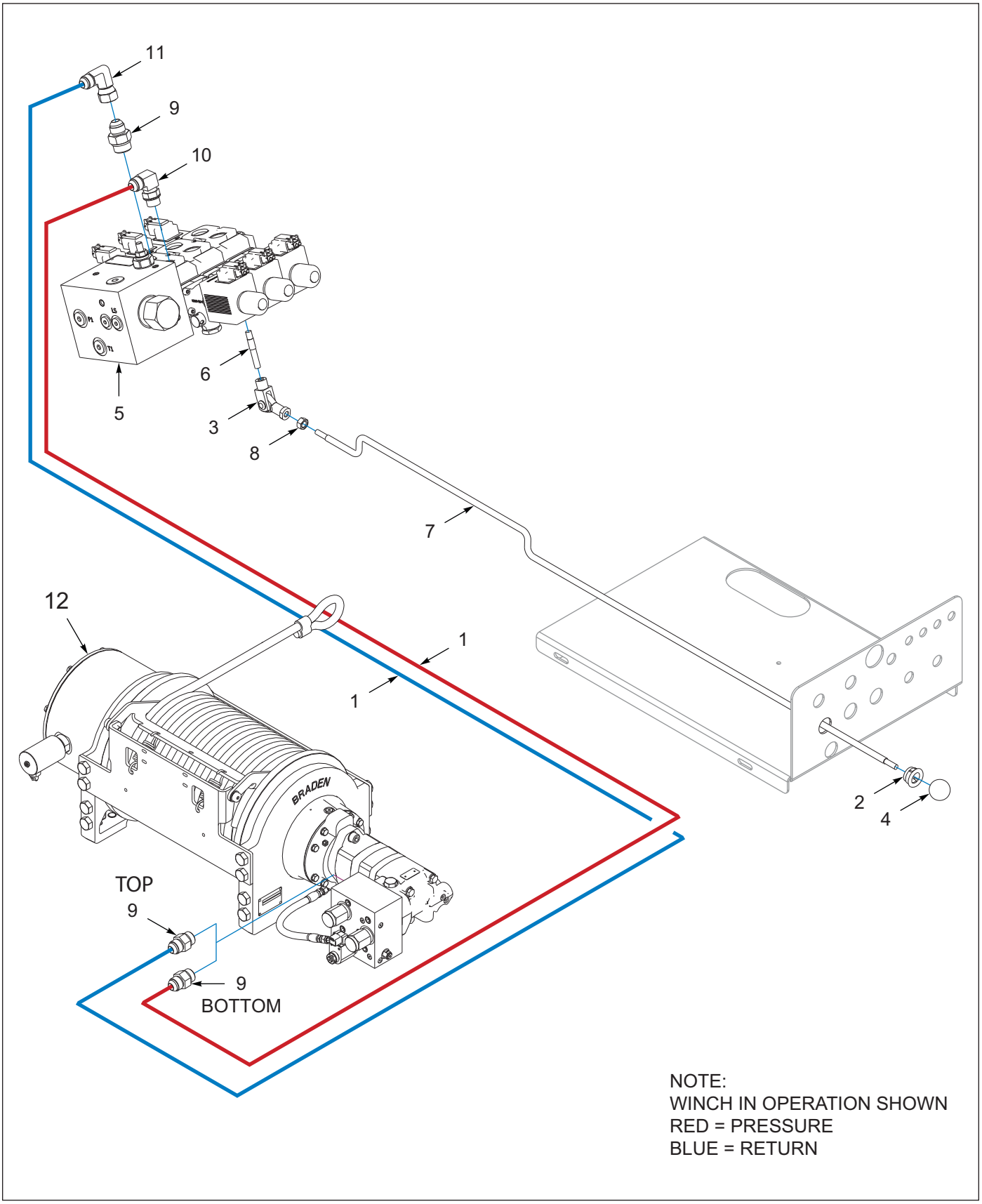


Figure 12-8: Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

Gooseneck, Winch Installation, Braden 20/30K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	245567	WINCH INSTL 20K BRADEN 2S 855E **(20K)**	- -
	- - - - -	WINCH INSTL 30K BRADEN 2SPD **(30K)**	- -
1	104369	HOSE ASSY 1/2X96,SAE37,STR-90	2
2	178444	BUSHING NYLON INSERT 9/16ID	1
3	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
4	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
5	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(INSTALLATION - SEE PAGE 12-1 & 12-5)** **(VALVE COMPONENTS - SEE PAGE 12-41)**	1
6	193910	STUD M8-1.25X50MM DBLE THD	1
7	197610	ROD HANDLE M8X1.25 ENDS LONG	1
8	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
9	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
10	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	1
11	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
12	239740	WINCH 20K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-13)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-11)** **(WINCH MOUNTING - SEE PAGE 8-3)**	1
12	239745	WINCH 30K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-13)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-11)** **(WINCH MOUNTING - SEE PAGE 8-3)**	1

Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

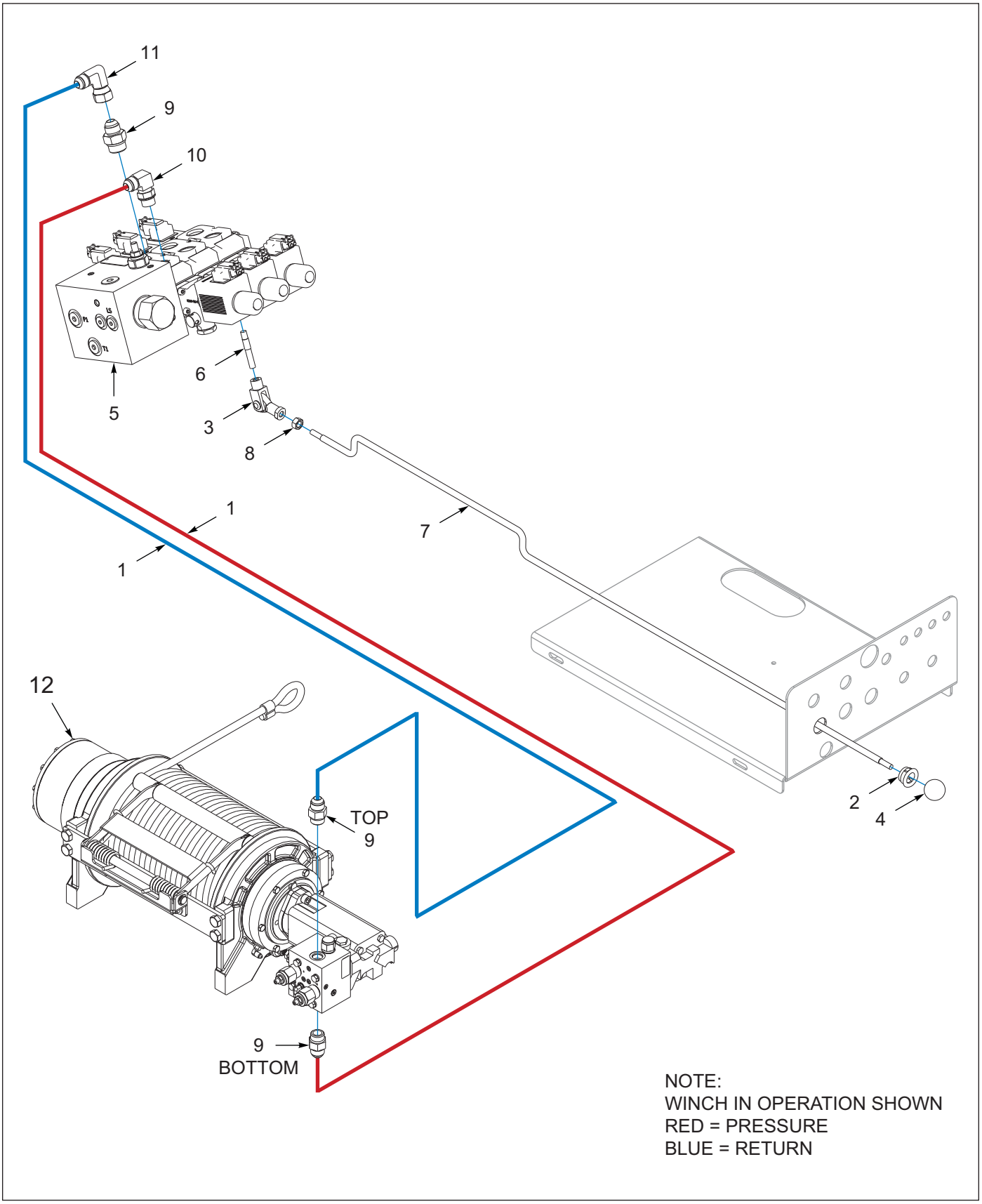


Figure 12-9: Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

Gooseneck, Winch Installation, Ramsey 20K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	242730	WINCH INSTL 20K RAMSEY 855E	- -
1	104369	HOSE ASSY 1/2X96,SAE37,STR-90	2
2	178444	BUSHING NYLON INSERT 9/16ID	1
3	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
4	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
5	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(INSTALLATION - SEE PAGE 12-1 & 12-5)** **(VALVE COMPONENTS - SEE PAGE 12-41)**	1
6	193910	STUD M8-1.25X50MM DBLE THD	1
7	197610	ROD HANDLE M8X1.25 ENDS LONG	1
8	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
9	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
10	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	1
11	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
12	240526	WINCH 20K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-15)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-13)** **(WINCH MOUNTING - SEE PAGE 8-5)**	1

Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option)

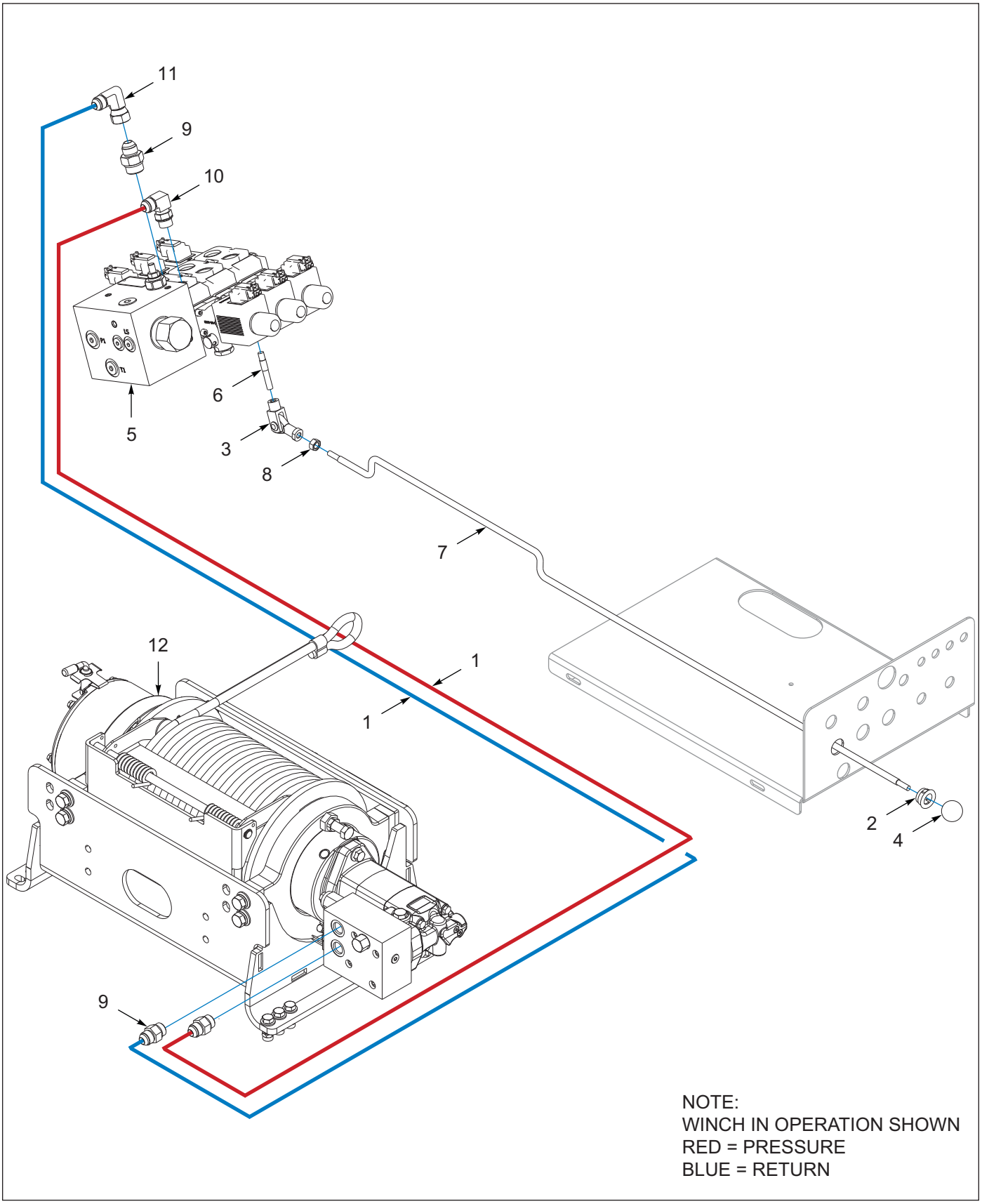


Figure 12-10: Gooseneck, Winch Installation, Warn 20/30K 2 Speed (Option)

Gooseneck, Winch Installation, Warn 20/30K, 2 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	212154	WINCH INSTL 20K WARN 855E	- -
	205329	WINCH INSTL 30K WARN 855E	- -
1	104370	HOSE ASSY 1/2X126,SAE37,STR90	2
2	178444	BUSHING NYLON INSERT 9/16ID	1
3	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
4	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
5	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(INSTALLATION - SEE PAGE 12-1 & 12-5)** **(VALVE COMPONENTS - SEE PAGE 12-41)**	1
6	193910	STUD M8-1.25X50MM DBLE THD	1
7	197610	ROD HANDLE M8X1.25 ENDS LONG	1
8	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
9	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
10	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	1
11	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
12	204959	WINCH ASSY WARN 20K 800 **(199217)** **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-17)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-15)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1
12	204958	WINCH ASSY WARN 30K 800 **(199218)** **(DECALS - SEE PAGE 1-16)** **(SYSTEM, AIR - SEE PAGE 10-17)** **(SYSTEM, ELECTRICAL - SEE PAGE 11-15)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1

Flip Axle, Hydraulic Components (Option)

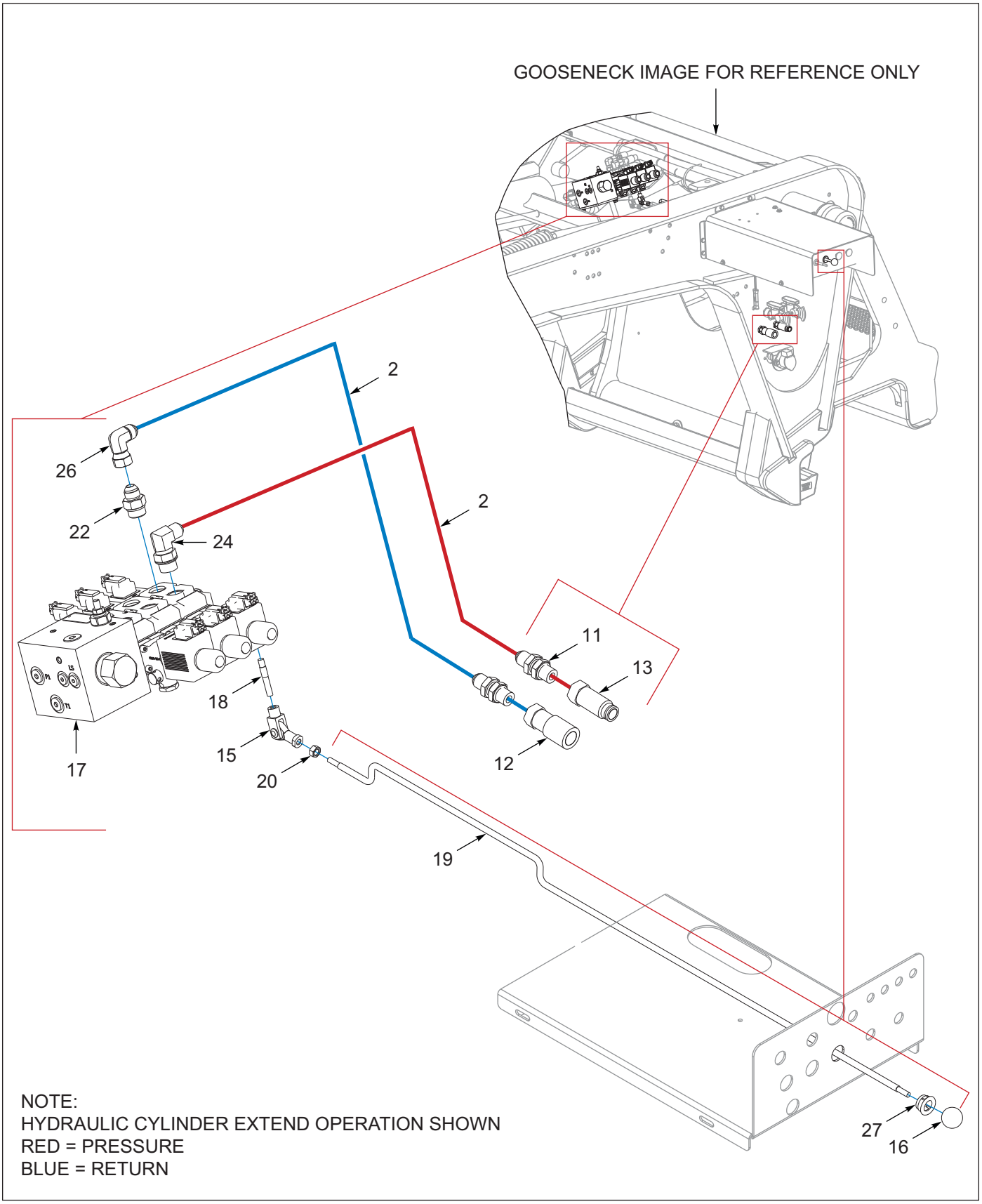


Figure 12-11: Flip Axle, Hydraulic Components (Option) (1 of 2)

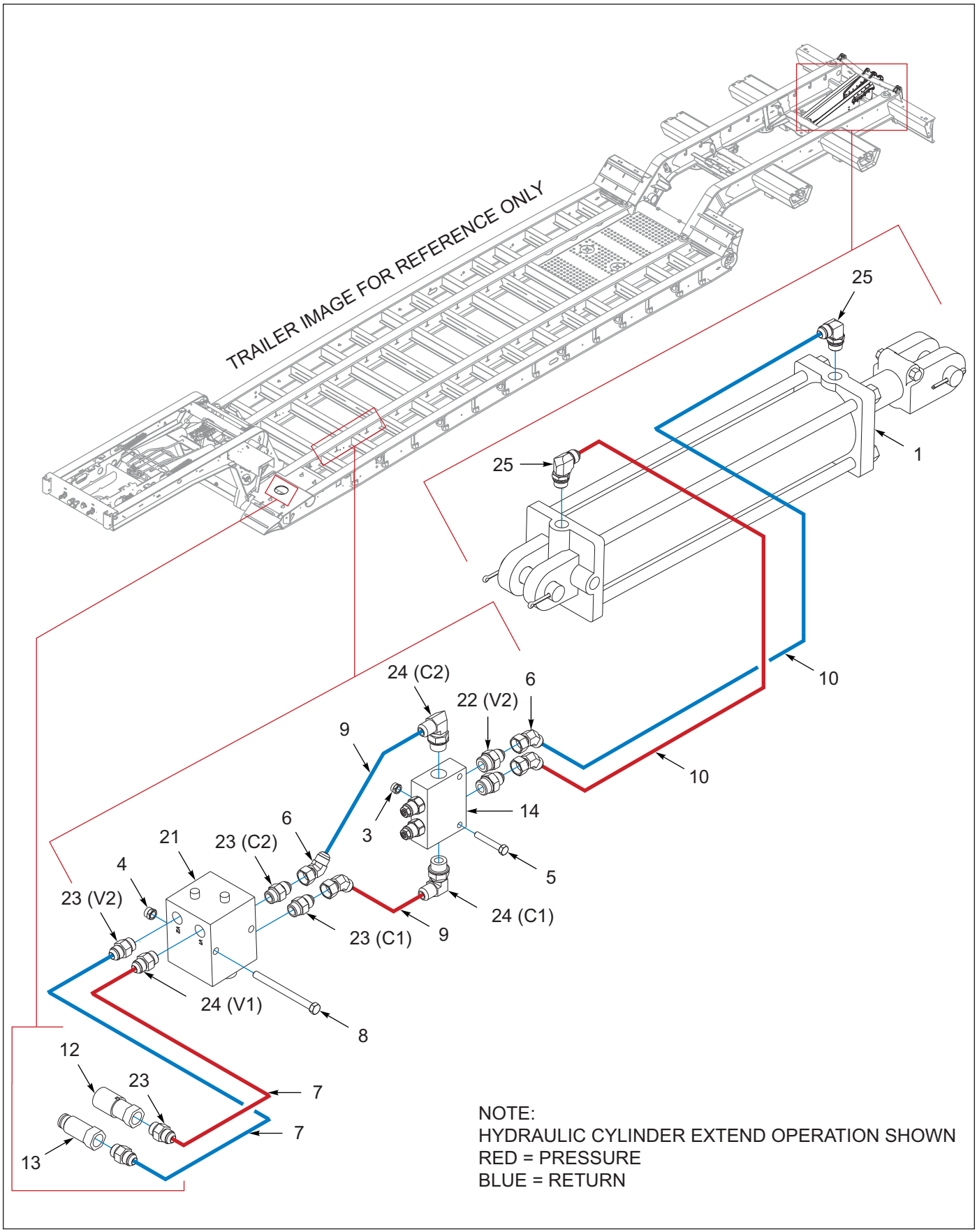


Figure 12-12: Flip Axle, Hydraulic Components (Option) (2 of 2)

Flip Axle, Hydraulic Components (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	199995	PLUMBING FOR HYD FLIP "E"	- -
1	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI **(CYLINDER COMPONENTS - SEE PAGE 12-37)**	1
2	1-397-010302064	HOSE ASSY,1/2X64,SAE 37STR-90	2
3	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
5	1-654-010049-09	SCREW,HEX CAP,5/16-18UNCX2GR5	2
6	121031	FITTING,45EL #8M X #8F 37SWVL	4
7	122862	HOSE ASSY 3/8X135 #8STR-#8-90	2
8	129698	SCREW,HXCP,3/8-16UNCX4-1/2GR5	2
9	147582	HOSE ASSY 3/8X24 #8 JIC SWIV	2
10	148036	HOSE ASSY 3/8X484	2
11	148043	ADAPTER BLKHD #8 JIC #8 ORB	2
12	148044	COUPLER FLAT FACE FEMALE BODY	2
13	148045	COUPLER FLAT FACE MALE BODY	2
14	164435	VALVE COUNTERBALANCE 855 **(CARTIRIDGES NOT SOLD SEPERATELY)**	1
15	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
16	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
17	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(INSTALLATION - SEE PAGE 12-1 & 12-5)** **(VALVE COMPONENTS - SEE PAGE 12-41)**	1
18	193910	STUD M8-1.25X50MM DBLE THD	1
19	197610	ROD HANDLE M8X1.25 ENDS LONG	1
20	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
21	200015	VALVE 3 GPM DUAL FLOW CONTROL **(INCLUDES 200035 FLOW CONTROL CARTRIDGE)**	1
22	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
23	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	6
24	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	3
25	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	2
26	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
27	178444	BUSHING NYLON INSERT 9/16ID	1

Table provided for general use.

NOTES:

Flip Beavertail, Hydraulic Components (Options)

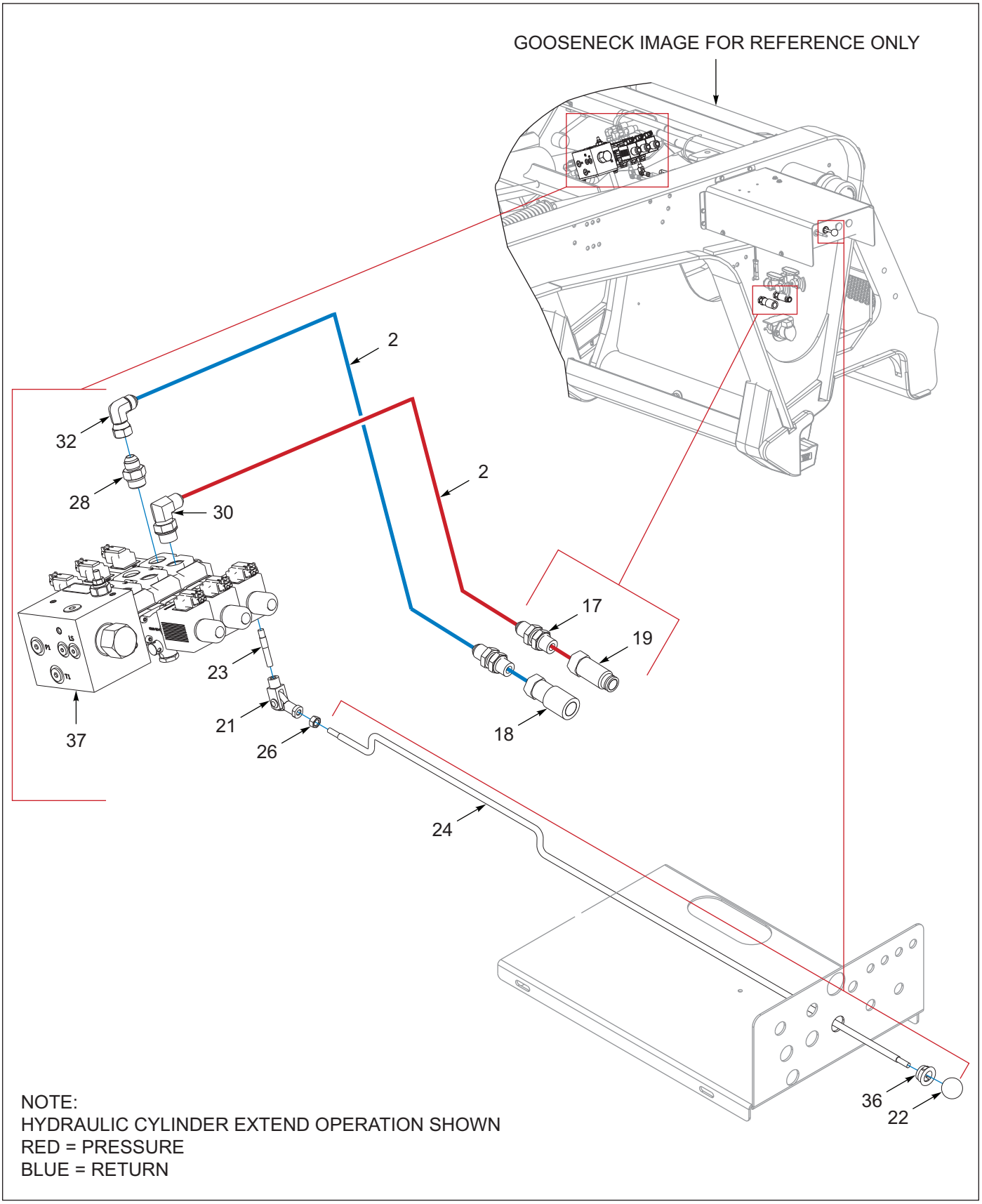


Figure 12-13: Flip Beavertail, Hydraulic Components (Options) (1 of 3)

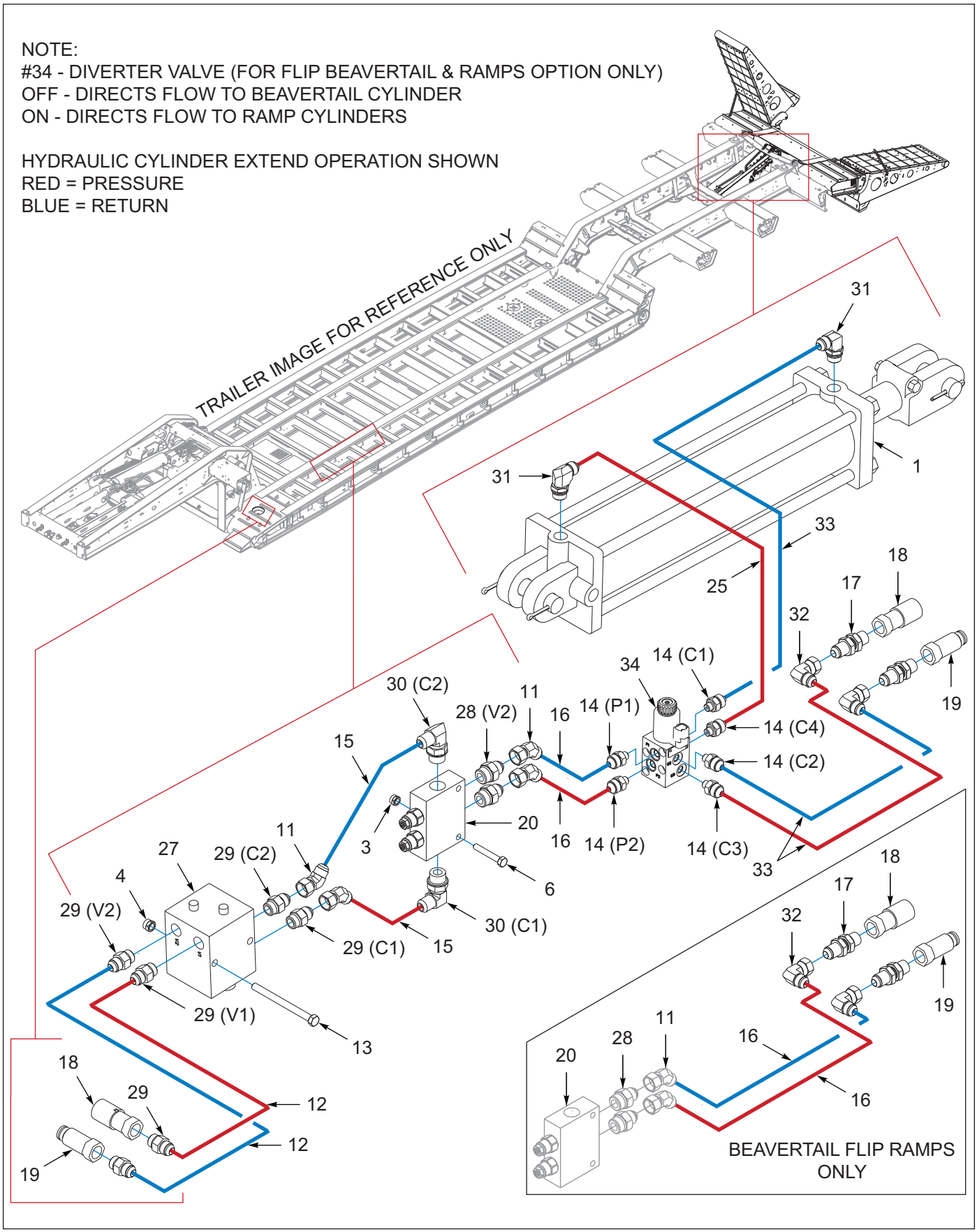


Figure 12-14: Flip Beavertail, Hydraulic Components (Options) (2 of 3)

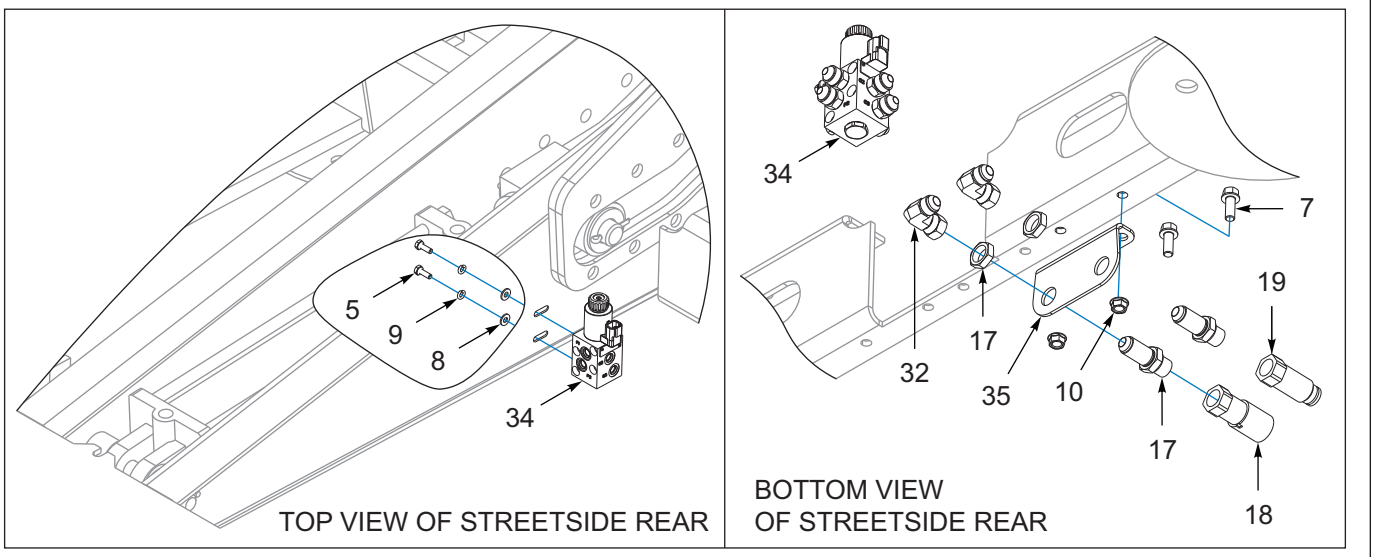


Figure 12-15: Flip Beavertail, Hydraulic Components (Options) (3 of 3)

Flip Beavertail, Hydraulic Components (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228669	PLUMBING FLIP B/T, HYD RAMPS **(FLIP BEAVER TAIL & RAMPS) (REQUIRES ITEMS 1-35)**	- -
	228668	PLUMBING RAMPS MACK 35T HYD **(RAMPS ONLY) (REQUIRES ITEMS 2-4, 6-7, 10-24, 26-30, 32,35)**	- -
1	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI **(FLIP BEAVER TAIL & RAMPS) (CYLINDER COMPONENTS - SEE PAGE 12-37)**	1
2	1-397-010302064	HOSE ASSY,1/2X64,SAE 37STR-90	2
3	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
5	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5 **(FLIP BEAVER TAIL & RAMPS)**	2
6	1-654-010049-09	SCREW,HEX CAP,5/16-18UNCX2GR5	2
7	1-655-010003-05	SCREW, HD 3/8-16X1 GR8	2
8	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD **(FLIP BEAVER TAIL & RAMPS)**	2
9	1-861-010034-09	WASHER, LKG HLCL SPR, 1/4 **(FLIP BEAVER TAIL & RAMPS)**	2
10	107470	NUT,SPIRALOCK 3/8-16HX	2
11	121031	FITTING,45EL #8M X #8F 37SWVL	4
12	122862	HOSE ASSY 3/8X135 #8STR-#8-90	2
13	129698	SCREW,HXCP,3/8-16UNCX4-1/2GR5	2
14	136637	ADAPTER #4 ORBM TO #8 JIC M	6
15	147582	HOSE ASSY 3/8X24 #8 JIC SWIV	2
16	148036	HOSE ASSY 3/8X484	2
17	148043	ADAPTER BLKHD #8 JIC #8 ORB	4
18	148044	COUPLER FLAT FACE FEMALE BODY	3
19	148045	COUPLER FLAT FACE MALE BODY	3

Flip Beavertail, Hydraulic Components (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
20	164435	VALVE COUNTERBALANCE 855 **(CARTIRIDGES NOT SOLD SEPERATELY)**	1
21	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
22	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
23	193910	STUD M8-1.25X50MM DBLE THD	1
24	197610	ROD HANDLE M8X1.25 ENDS LONG	1
25	198737	HOSE ASSY, 3/8X42, -8 STR-6-90 **(FLIP BEAVER TAIL & RAMPS)**	1
26	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
27	200015	VALVE 3 GPM DUAL FLOW CONTROL **(INCLUDES 200035 FLOW CONTROL CARTRIDGE)**	1
28	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
29	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	6
30	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	3
31	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE **(FLIP BEAVER TAIL & RAMPS)**	2
32	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	3
33	208409	HOSE ASSY 3/8 X 24,#8STR-#6-90 **(FLIP BEAVER TAIL & RAMPS)**	3
34	228613	VALVE, DIVERTER 12V SOL, SAE4 **(FLIP BEAVER TAIL & RAMPS)**	1
35	228704	BRKT FOR Q/D's ON PIN-ON B/T	1
36	178444	BUSHING NYLON INSERT 9/16ID	1
37	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(INSTALLATION - SEE PAGE 12-1 & 12-5)** **(VALVE COMPONENTS - SEE PAGE 12-41)**	1

Ramp Assembly, Flip Ramps, Beavertail (Option)

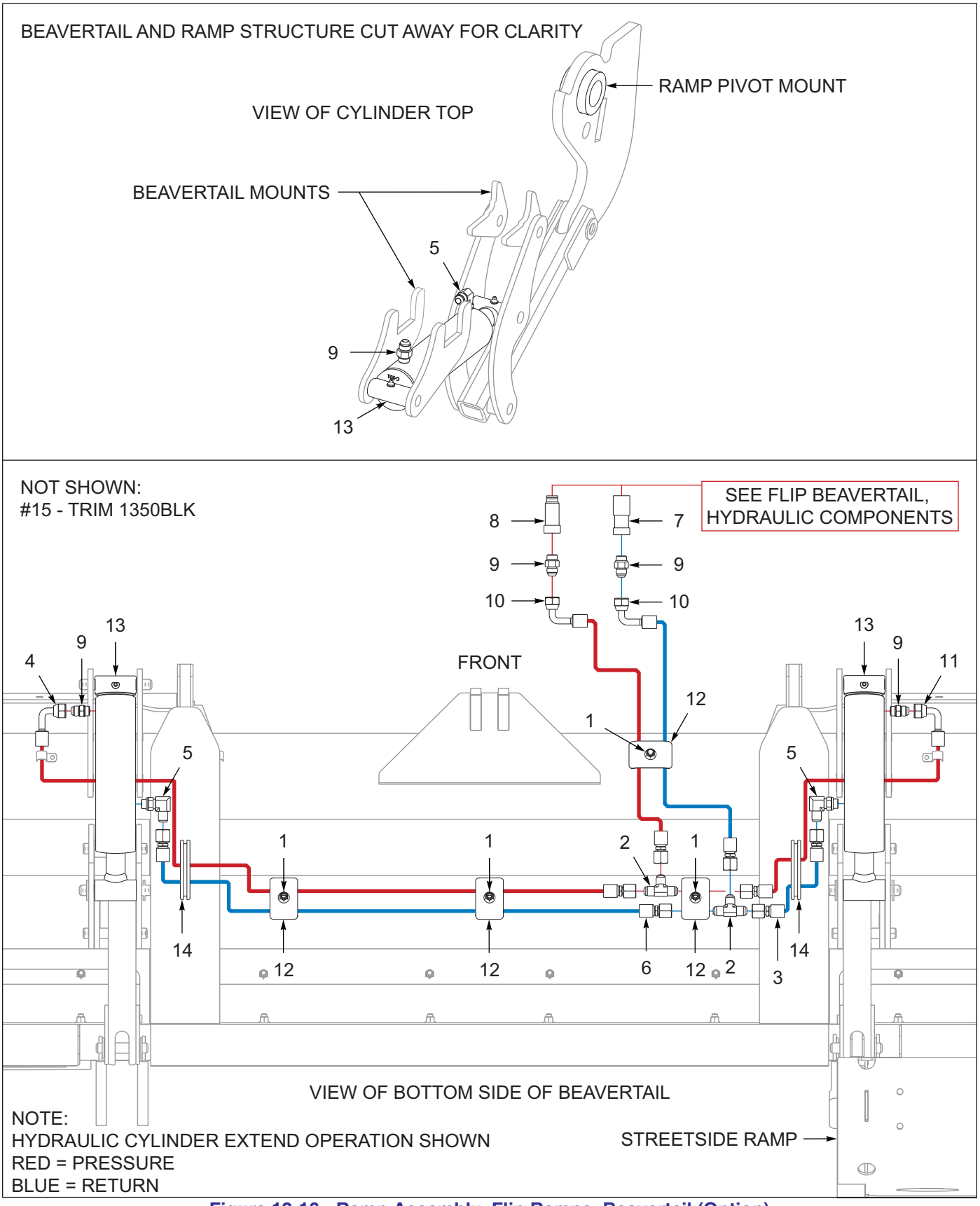


Figure 12-16: Ramp Assembly, Flip Ramps, Beavertail (Option)

Ramp Assembly, Flip Ramps, Beavertail (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228622	RAMP INSTL HYD STEEL 255 **(255 TIRES STEEL RAMPS)**	- -
	228655	RAMP INSTL HYD WOOD 255 **(255 TIRES WOOD RAMPS)**	- -
	228656	RAMP INSTL HYD STEEL 275 **(275 TIRES STEEL RAMPS)**	- -
	228657	RAMP INSTL HYD WOOD 275 **(275 TIRES WOOD RAMPS)**	- -
1	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	4
2	2033-8-8S	ADAPTER, TEE, #8 TUBE	2
3	116431	HOSE ASSY, 3/8X15 #8 JIC SWV	1
4	123066	HOSE ASSY 3/8X64 #8STR-#8-90	1
5	141827	ELBOW 90 3/4ORB3/4JIC 1/32REST	2
6	147584	HOSE ASSY 3/8X40 #8 JIC SWIV	1
7	148044	COUPLER FLAT FACE FEMALE BODY	1
8	148045	COUPLER FLAT FACE MALE BODY	1
9	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	4
10	211317	HOSE ASSY,3/8X54,8FJSX8FJS90	2
11	211343	HOSE ASSY,3/8X37,8FJSX8FJS90	1
12	228615	CLAMP HOSE 800	4
13	228705	CYLINDER, 2-1/2 X 8 X 3/4 SAE8 **(PRINCE)** **(CYLINDER COMPONENTS - SEE PAGE 12-39)**	2
14	234687	GROMMET, HOLE 3IN-1/4T	2
15	1-822-010001	TRIM 1350 3/8BLK FINE PEBBLE **(BY THE FOOT) (NOT SHOWN)**	2

Ramp Assembly, Front Power (Option) (Before 12/16/2021)

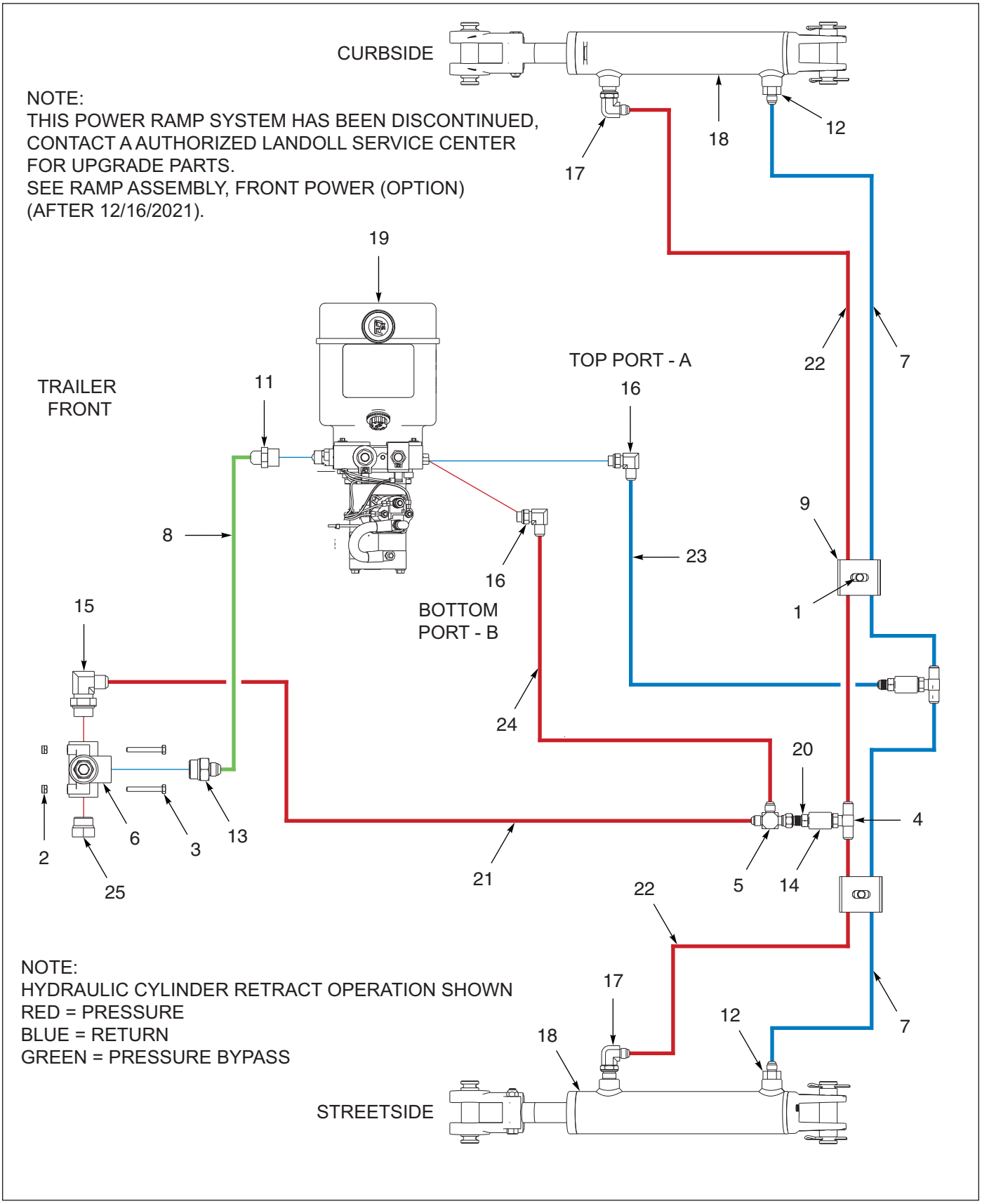


Figure 12-17: Ramp Assembly, Front Power (Option) (Before 12/16/2021)

Ramp Assembly, Front Power (Option) (Before 12/16/2021)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210060	RAMP INSTL PWR 855 CON/PAV **(LONG RAMP)**	- -
	226416	SHRT RMP INSTL PWR 855 CON/PAV **(SHORT RAMP)**	- -
1	1-510-010001	NUT, 3/8-16 UNC LOCK	2
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
3	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
4	102-1089	SAE O-RING BOSS ADJ/37 FLARE	2
5	102-1158	TEE,RUN-SWVL .38SAE	1
6	120661	VALVE,HYD PRES,#12SAE,2500P	1
7	132064	HOSE ASSY 3/8X47 SAE37STR-STR	2
8	153841	HOSE ASSY 3/8X18 #8 JIC SWIV	1
9	2-181-010001	HOSE CLAMP	2
10	2-181-010001YZP	YELLOW ZINC PLATE HOSE CLAMP	2
11	2021-12-8S	ADAPTER, #12 PIPE-#8 TUBE	1
12	202702-8-6S	ADAPTER #8 O-RING TO #6 TUBE	2
13	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	1
14	205924	#6SAE X #6SAE COUPLING	2
15	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	1
16	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	2
17	2062-8-6S	ELBOW,90,#8 SAE X #6 JIC	2
18	206904	CYLINDER, 2 X 8 **(CYLINDER COMPONENTS - SEE PAGE 12-40)**	2
19	210059	POWER UNIT 12VDC3QT .0305CU/IN	1
20	210062	FITTING FLOW CONTROL 1WAY M3.5	2
21	212454	HOSE ASSY 3/8X18 #8STR #6-90	1
22	50013-33	HOSE ASSY 3/8X44.56,9/16JICXST	2
23	50013-114	HOSE ASSY3/8X16.56,9/16JICXST	1
24	51134-08	HOSE ASSY 3/8X11.06 9/16JICXST	1
25	900598-12S	PLUG, O-RING BOSS #12	1
26	208083	ATF DEXRON III **(NOT SHOWN)**	1.75

Ramp Assembly, Front Power (Option) (After 12/16/2021)

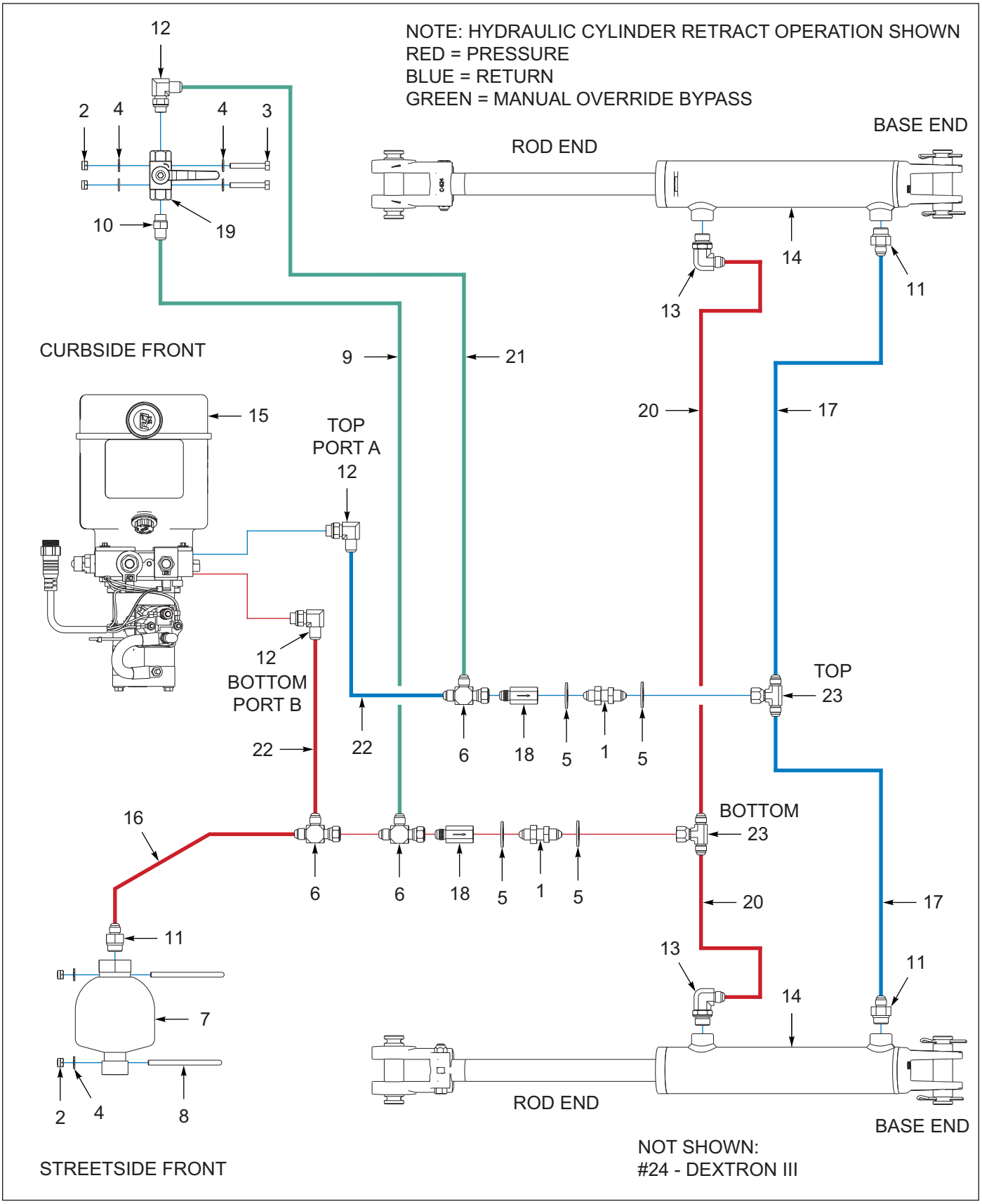


Figure 12-18: Ramp Assembly, Front Power (Option) (After 12/16/2021) (1 of 2)

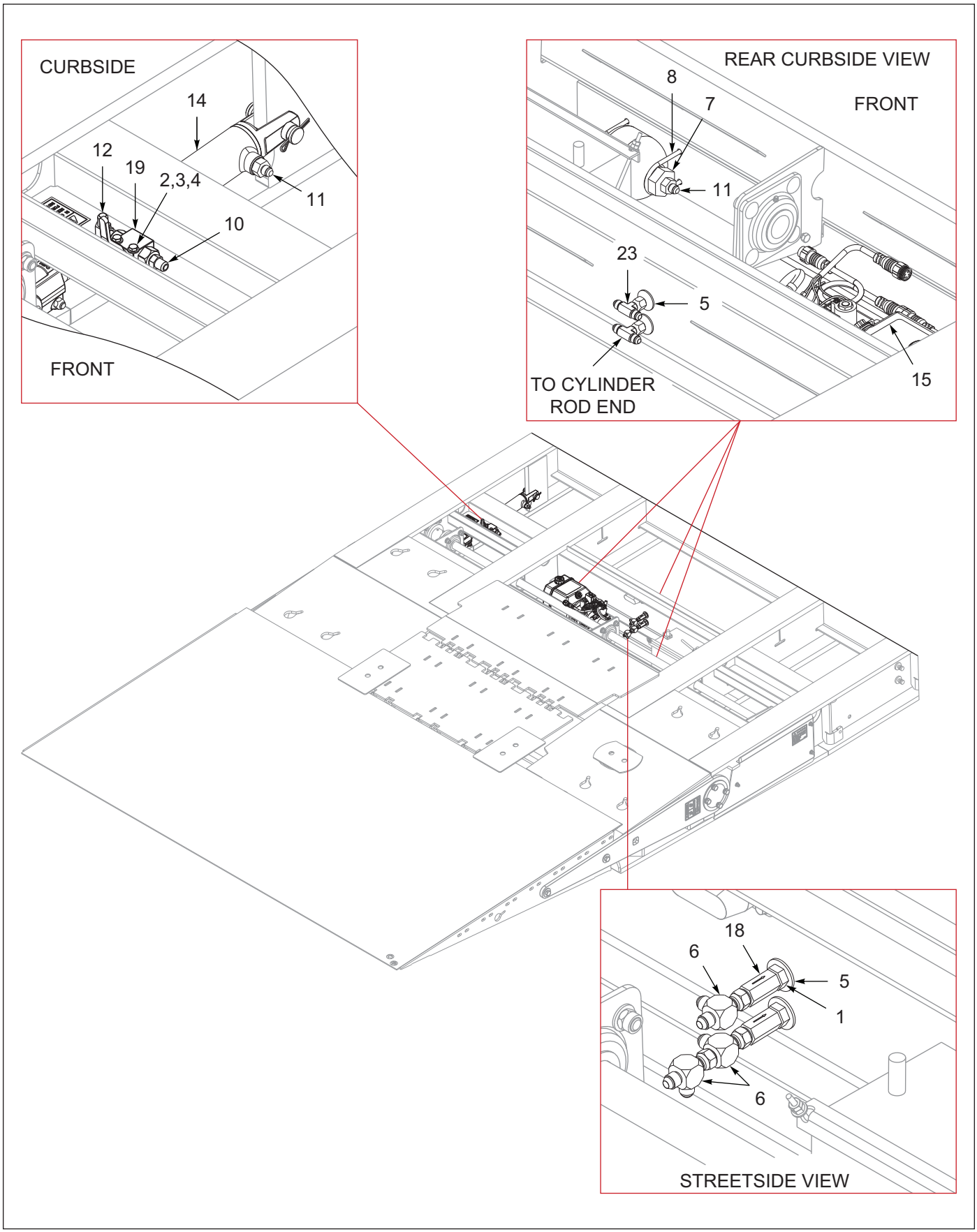


Figure 12-19: Ramp Assembly, Front Power (Option) (After 12/16/2021) (2 of 2)

Ramp Assembly, Front Power (Option) (After 12/16/2021)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	210060	RAMP INSTL 855 P/C TRL CLR **(LONG RAMP)**	- -
	226416	SHRT RMP INSTL PWR 855 CON/PAV **(SHORT RAMP)**	- -
1	0018127	FITTING BULKHEAD UNION SS	2
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	6
3	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
4	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD	6
5	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	4
6	102-1158	TEE,RUN-SWVL .38SAE	3
7	113509	RESERVOIR,31CU IN DIAPHRAM	1
8	114085	U-BOLT 1/4-20X2X3-1/4	2
9	116143	HOSE ASSY,3/8X45,SAE37,STR-ST	1
10	202702-6-6S	ADAPTER, STR,#6 SAEX#6 JIC	1
11	202702-8-6S	ADAPTER #8 O-RING TO #6 TUBE	3
12	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	3
13	2062-8-6S	ELBOW,90,#8 SAE X #6 JIC	2
14	206904	CYLINDER, 2 X 8 **(CYLINDER COMPONENTS - SEE PAGE 12-40)**	2
15	210059	POWER UNIT 12VDC3QT .0305CU/IN	1
16	236892	HOSE ASSY #6X16 STR/45DEG JIC	1
17	236893	HOSE ASSY 3/8X47 STR/STR JIC	2
18	236895	VALVE RSTR #6JIC FM-ML 1/16ORF	2
19	238166	MOD VALVE BALL HNDL F/800 FWPR	1
20	50013-33	HOSE ASSY 3/8X44.56,9/16JICXST	2
21	51032-19	HOSE ASSY3/8X50.31,9/16JICXST	1
22	51134-10	HOSE ASY 3/8X12.56 90/STR JIC	2
23	620-0849	TEE, BRANCH 3/8JIC	2
24	208083	ATF DEXRON III **(NOT SHOWN)**	1.75

Table provided for general use.

NOTES:

Cylinder Components, Gooseneck, Standard Duty 7 x 34 (Carlson)

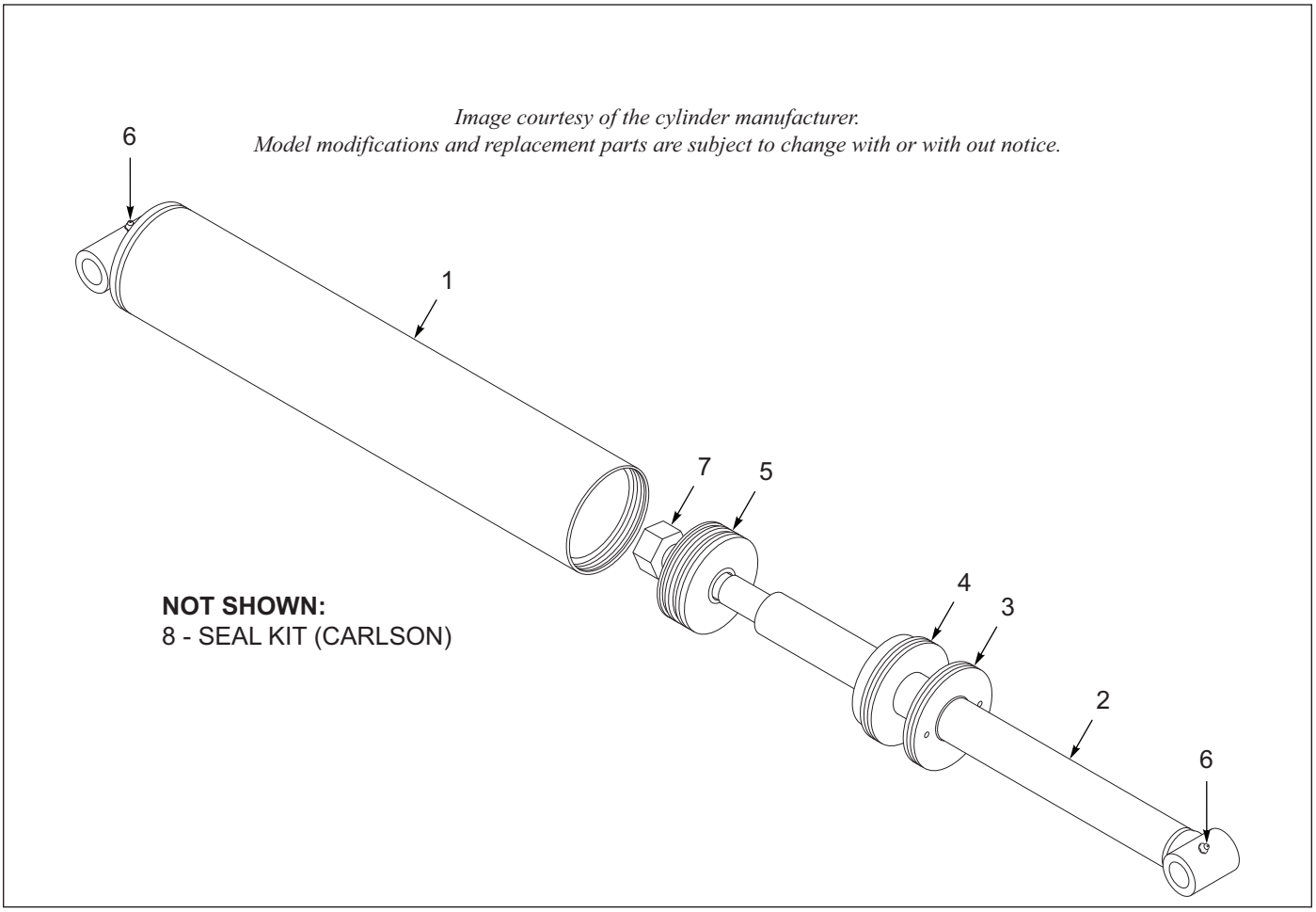


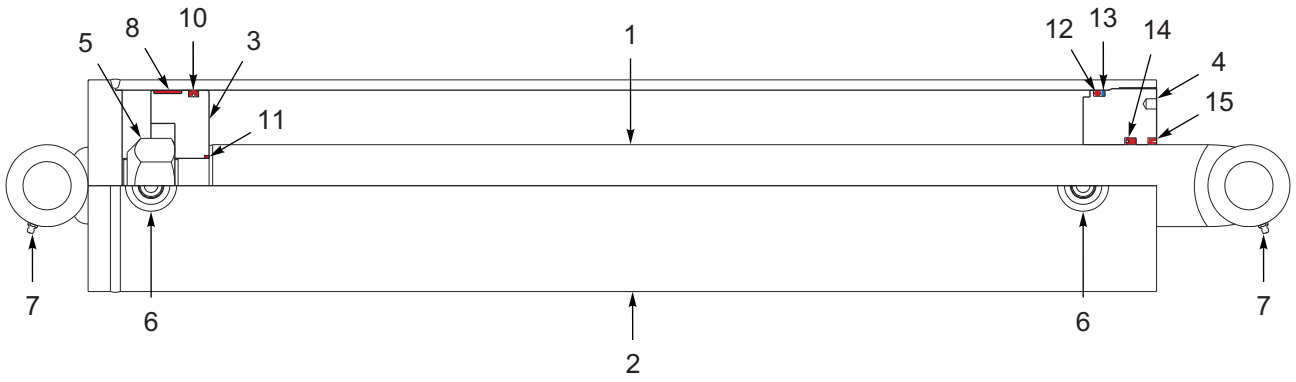
Figure 12-20: Cylinder Components, Gooseneck, Standard Duty 7 x 34 (Carlson)

Cylinder Components, Gooseneck, Standard Duty 7 x 34 (Carlson)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	160366	CYL HYD 7 X 34 O-RING **(CARLSON)**	1
		(12' HD GOOSENECK ASSEMBLY - SEE PAGE 2-1 & 12-1)	
1	163474	BARREL ASSEMBLY 7"	1
2	163475	3" ROD ASSEMBLY	1
3	163476	7" X 3" RETAINER	1
4	163477	7" X 3" POLY-U BEARING	1
5	163478	7" 2WR/TFE PISTON	1
6	- - - - -	GREASE ZERK, 1/4	2
7	163480	2" NYLOCK NUT	1
8	163481	SEAL KIT 4925 **(CARLSON)**	- -

Cylinder Components, Gooseneck, Standard Duty 7 x 34 (Prince)

Image courtesy of the cylinder manufacturer.
Model modifications and replacement parts are subject to change with or with out notice.



NOT SHOWN:
9 - PACKING KIT (PRINCE)

Figure 12-21: Cylinder Components, Gooseneck, Standard Duty 7 x 34 (Prince)

Cylinder Components, Gooseneck, Standard Duty 7 x 34 (Prince)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	160366	CYL HYD 7 X 34 O-RING **(PRINCE)** **(12' HD GOOSENECK ASSEMBLY - SEE PAGE 2-1 & 12-1)**	1
1	167199	PISTON ROD ASSEMBLY	1
2	- - - - -	BUTT AND TUBE ASSEMBLY	1
3	- - - - -	PISTON	1
4	167200	GLAND	1
5	- - - - -	LOCKNUT	1
6	- - - - -	PORT PLUG	2
7	- - - - -	GREASE ZERK	2
8	- - - - -	BEARING RING	1
9	167201	PACKING KIT **(INCLUDES ITEMS 10-15) (PRINCE)**	- -
10	- - - - -	CROWN SEAL **(INCLUDED WITH ITEM 9)**	1
11	- - - - -	O-RING **(INCLUDED WITH ITEM 9)**	1
12	- - - - -	O-RING **(INCLUDED WITH ITEM 9)**	1
13	- - - - -	BU-WASHER **(INCLUDED WITH ITEM 9)**	1
14	- - - - -	U-CUP **(INCLUDED WITH ITEM 9)**	1
15	- - - - -	WIPER **(INCLUDED WITH ITEM 9)**	1

Cylinder Components, Gooseneck Heavy Duty 8 x 36

Image courtesy of the cylinder manufacturer.
Model modifications and replacement parts are subject to change with or with out notice.

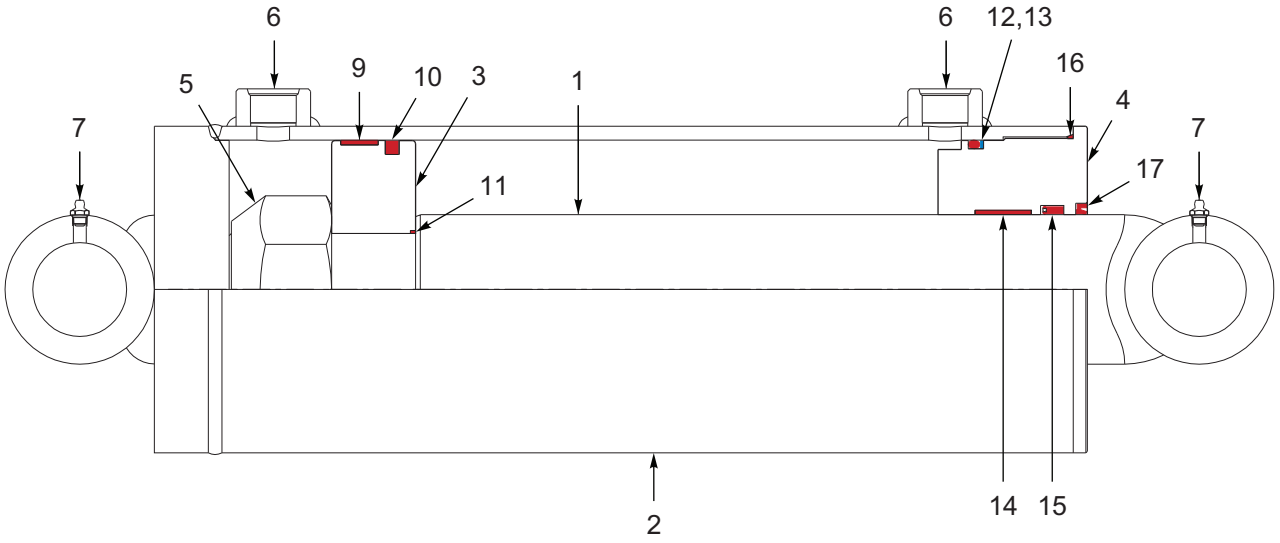


IMAGE NOT TO SCALE

NOT SHOWN:
8 - PACKING KIT

Figure 12-22: Cylinder Components, Gooseneck Heavy Duty 8 x 36

Cylinder Components, Gooseneck Heavy Duty 8 x 36

ITEM	PART NUMBER	DESCRIPTION	QTY.
	170421	CYLINDER, HYD 8X36 0-RING **(PRINCE)**	1
1	174152	PISTON ROD	1
2	- - - - -	BUTT AND TUBE ASSEMBLY	1
3	- - - - -	PISTON	1
4	174153	GLAND	1
5	- - - - -	LOCKNUT	1
6	- - - - -	PORT PLUG	2
7	- - - - -	GREASE ZERK	2
8	174154	PACKING KIT **(ITEMS 9-17)**	1
9	- - - - -	BEARING RING, PISTON **(INCLUDED WITH ITEM 8)**	1
10	- - - - -	CROWN SEAL **(INCLUDED WITH ITEM 8)**	1
11	- - - - -	O-RING **(INCLUDED WITH ITEM 8)**	1
12	- - - - -	O-RING **(INCLUDED WITH ITEM 8)**	1
13	- - - - -	BU-WASHER **(INCLUDED WITH ITEM 8)**	1
14	- - - - -	BEARING RING, GLAND **(INCLUDED WITH ITEM 8)**	1
15	- - - - -	U-CUP **(INCLUDED WITH ITEM 8)**	1
16	- - - - -	O-RING **(INCLUDED WITH ITEM 8)**	1
17	- - - - -	WIPER **(INCLUDED WITH ITEM 8)**	1

Table provided for general use.

NOTES:

Cylinder Components, Flip Axle / Beavertail / Extension 4 x 20 (Option)

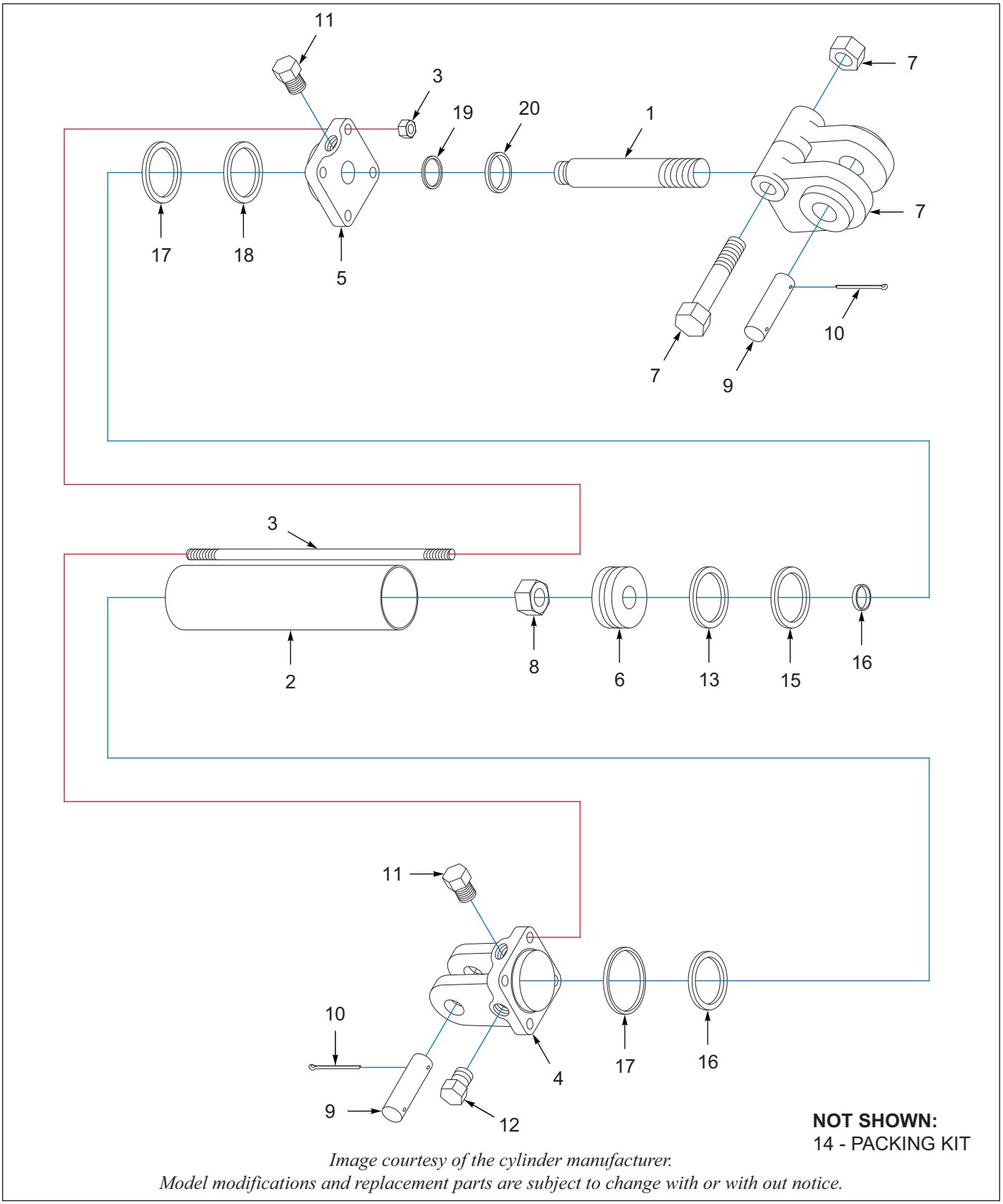


Image courtesy of the cylinder manufacturer.
Model modifications and replacement parts are subject to change with or with out notice.

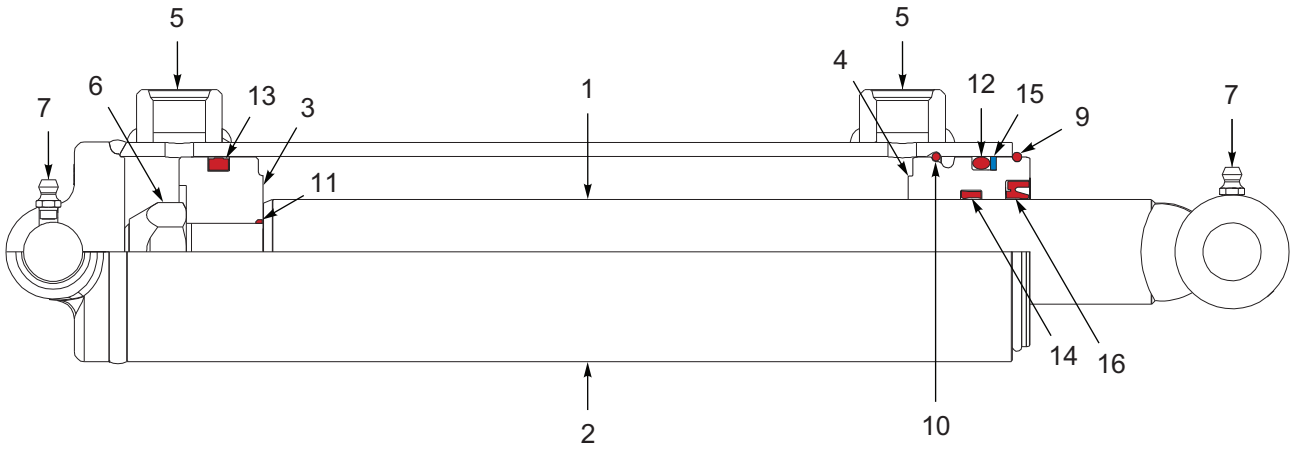
Figure 12-23: Cylinder Components, Flip Axle / Beavertail / Extension 4 x 20 (Option)

Cylinder Components, Flip Axle / Beavertail / Extension 4 x 20 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI **(ASSEMBLY - SEE PAGE 2-13, 4-11, 4-13, 12-9, 12-17 & 12-21)**	1
1	011000323	PISTON ROD 4X20 SAE34020	1
2	111785	TUBE #05190014 1500	1
3	111788	ASSY,TIRE ROD #170301252 1500	1
4	141900037	ANCHOR GLAND 4X8 SERIES	1
5	111787	ASSY,GLAND #081900354	1
6	111786	PISTON #071900260 1500	1
7	100000326	CLEVIS 1-242-010043	1
8	220000212	NUT LOCKING 1-242-010042	1
9	190400035	PIN, HT CYL CLEVIS 1 IN	2
10	106120	COTTER PIN #220001504	4
11	- - - - -	PLASTIC PLUG	2
12	200300040	PLUG O-RING 1-242-010120	1
13	- - - - -	BEARING RING	1
14	1-242-010178-3	CYLINDER PKG KIT 3000 PSI 4" **(NOT SHOWN)** **(INCLUDES ITEMS 15-20)**	- -
15	- - - - -	CROWN SEAL **(INCLUDED WITH ITEM 14)**	1
16	- - - - -	O-RING **(INCLUDED WITH ITEM 14)**	1
17	- - - - -	O-RING **(INCLUDED WITH ITEM 14)**	2
18	- - - - -	BU-WASHER **(INCLUDED WITH ITEM 14)**	2
19	- - - - -	U-CUP **(INCLUDED WITH ITEM 14)**	1
20	- - - - -	WIPER **(INCLUDED WITH ITEM 14)**	1

Cylinder Components, Flip Ramps, Beavertail 2-1/2 x 8 (Option)

Image courtesy of the cylinder manufacturer.
Model modifications and replacement parts are subject to change with or with out notice.



NOT SHOWN:
8 - PACKING KIT
17 - SARRI REMOVAL TOOL

Figure 12-24: Cylinder Components, Flip Ramps, Beavertail 2-1/2 x 8 (Option)

Cylinder Components, Flip Ramps, Beavertail 2-1/2 x 8 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	228705	CYLINDER, 2-1/2 X 8 X 3/4 SAE8 **(PRINCE)**	1
1	- - - - -	PISTION ROD ASSEMBLY **(020800300)**	1
2	- - - - -	B & T ASSEMBLY **(0613-XTSF000-11237)**	1
3	- - - - -	PISTON **(0713-P-075)**	1
4	- - - - -	GLAND **(0813-G-138)**	1
5	- - - - -	#8 SAE HEX HEAD PLUG **(2003000040) (SHIPPING PLUG)**	2
6	- - - - -	LOCKNUT **(220000208)**	1
7	- - - - -	GREASE ZERK **(270010020)**	2
8	233190	SEAL KIT, CYL 228705 2-1/2 X 8 **(INCLUDES ITEMS 8-17)**	1
9	- - - - -	EXTERNAL ROUND-RING **(230025003)**	1
10	- - - - -	INTERNAL ROUND-RING **(230025103)**	1
11	- - - - -	O-RING **(240000018)**	1
12	- - - - -	O-RING **(240000330)**	1
13	- - - - -	PISTON SEAL **(240016663)**	1
14	- - - - -	U-CUP **(240037106)**	1
15	- - - - -	BU-WASHER **(240061330)**	1
16	- - - - -	CANNED WIPER **(250014137)**	1
17	- - - - -	SARRI REMOVAL TOOL **(270060003)** **(PLACE IN INTERNAL GROOVE FOR DISSASSEMBLY)**	2

Cylinder Components, Ramp, Power 2 x 8 (Option)

Image courtesy of the cylinder manufacturer.
Model modifications and replacement parts are subject to change with or with out notice.

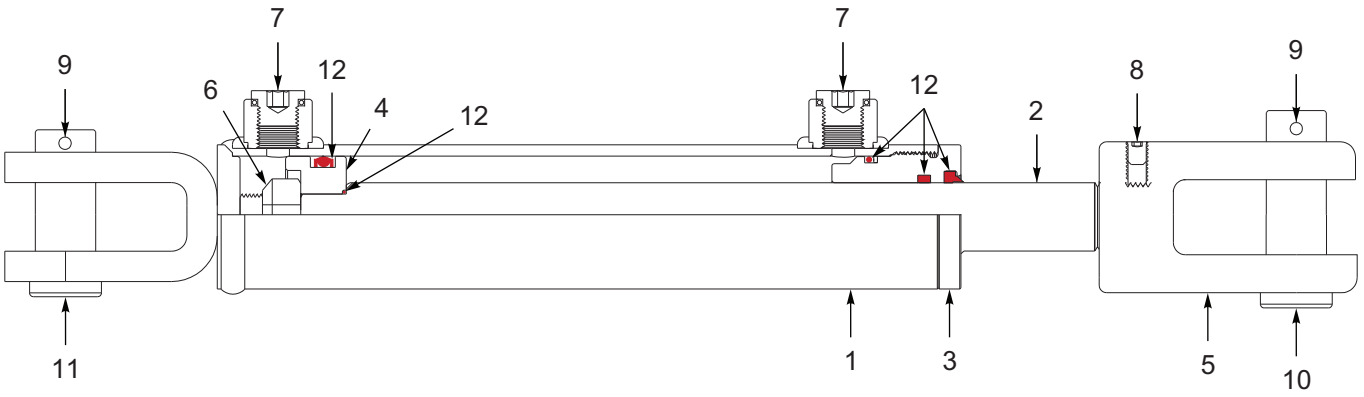
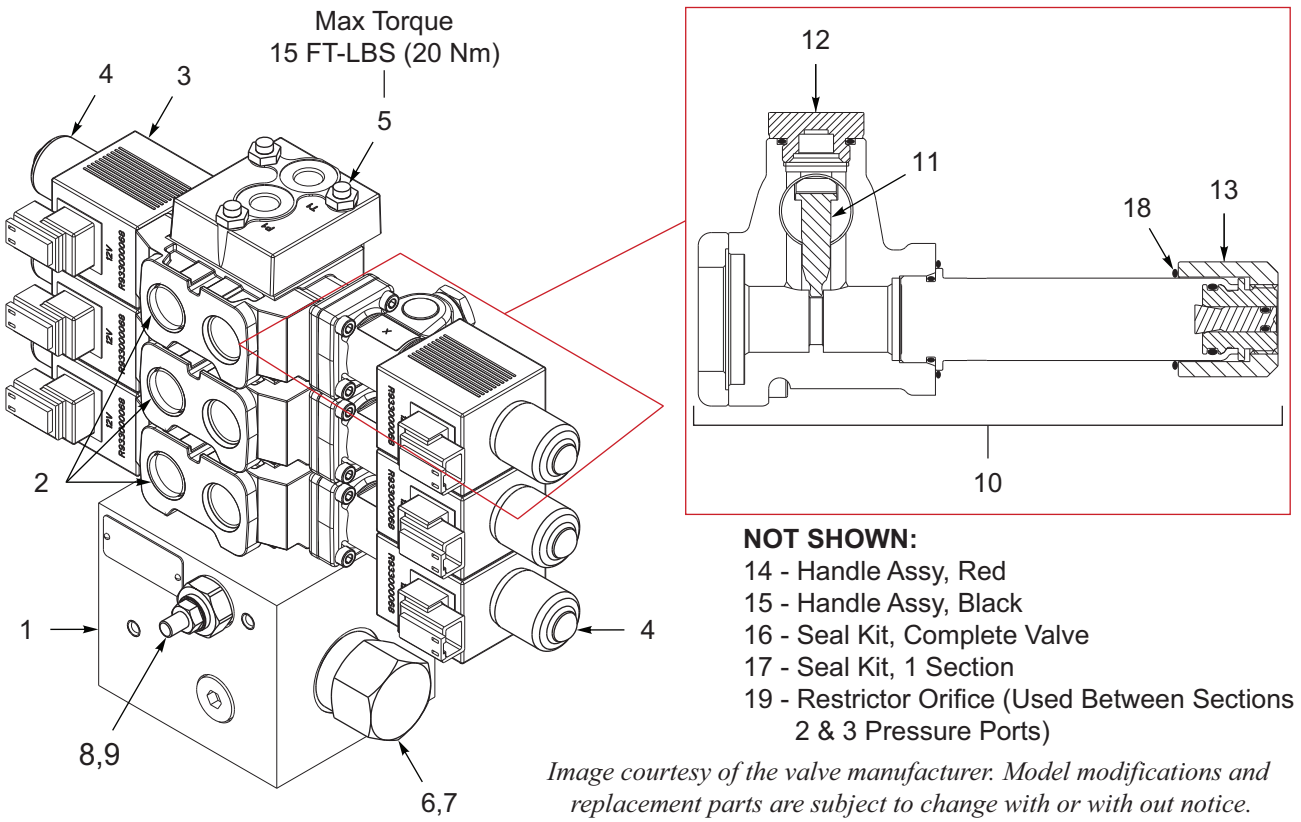


Figure 12-25: Cylinder Components, Ramp, Power 2 x 8 (Option)

Cylinder Components, Ramp, Power 2 x 8 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	206904	CYLINDER, 2 X 8	1
1	238643	BARREL ASSY 2"	1
2	238644	ROD ASSY 1-1/8”	1
3	238645	MEAD CYL 2"X1-1/8”	1
4	238646	PISTON 2" WIDE BASE	1
5	238647	CLEVIS 1"-14 THRS	1
6	238648	LOCKNUT 3/4”	1
7	238649	SOCKET PLUG 3/4” HEX	2
8	238650	SET SCREW 3/8”	1
9	238651	COTTER PIN	2
10	238652	CLEVIS PIN 1"ODX3” LONG	1
11	238653	CLEVIS PIN 1"ODX2-1/2” LONG	1
12	238654	SEAL KIT 6782 CYL	1

Valve Components, 3 Spool Solenoid



NOT SHOWN:
14 - Handle Assy, Red
15 - Handle Assy, Black
16 - Seal Kit, Complete Valve
17 - Seal Kit, 1 Section
19 - Restrictor Orifice (Used Between Sections 2 & 3 Pressure Ports)

Image courtesy of the valve manufacturer. Model modifications and replacement parts are subject to change with or with out notice.

Figure 12-26: Valve Components, 3 Spool Solenoid

Valve Components, 3 Spool Solenoid

ITEM	PART NUMBER	DESCRIPTION	QTY.
	186885	VALVE, 3 SP, MOTOR, SOLENOID	1
1	191847	INLET,REXROTH VALVE	1
2	191848	SECTION, SOLENOID,MOTOR,20GPM	3
3	193400	SOLENOID, COIL, DUETSCH	6
4	193401	BOOT RUBBER, SOLE,MANUAL OVRDE	6
5	193402	BOLT KIT, 3 SPOOL VALVE	1
6	193444	CARTRIDGE, BI-PASS COMPENSATOR	1
7	193445	SEAL KIT, BI-PASS COMPENSATOR	1
8	193446	CARTRIDGE, LOAD SENSE RELIEF	1
9	193447	SEAL KIT, LOAD SENSE RELIEF	1
10	208390	KIT COMPLETE LEVER BOX K-22144 **(INCLUDES ITEMS 11-13 & SCREWS)**	3
11	204189	SET SCREW HANDLE ACTUATOR BALL **(INCLUDED WITH ITEM 10)**	3
12	208391	PLUG LEVER BOX **(INCLUDED WITH ITEM 10)**	3
13	208392	COIL NUT LEVER BOX **(INCLUDED WITH ITEM 10)**	3
14	191849	HANDLE,RED,12",M8-125 THREAD **(INCLUDES ROD & KNOB)**	1
15	191850	HANDLE,BLACK,12",M8-125 THREAD **(INCLUDES ROD & KNOB)**	2
16	216601	SEAL KIT COMPLETE REXROTH VALV **(INCLUDES ITEMS 17-18)**	1
17	193442	SEAL KIT, 1 SECTION, 3 SEALS **(INCLUDED WITH ITEM 16)**	5
18	193443	SEAL KIT, SOLENOID, 2 SEALS **(INCLUDED WITH ITEM 16)**	3

Coupler Kit, Hydraulic, Replacement & Repair

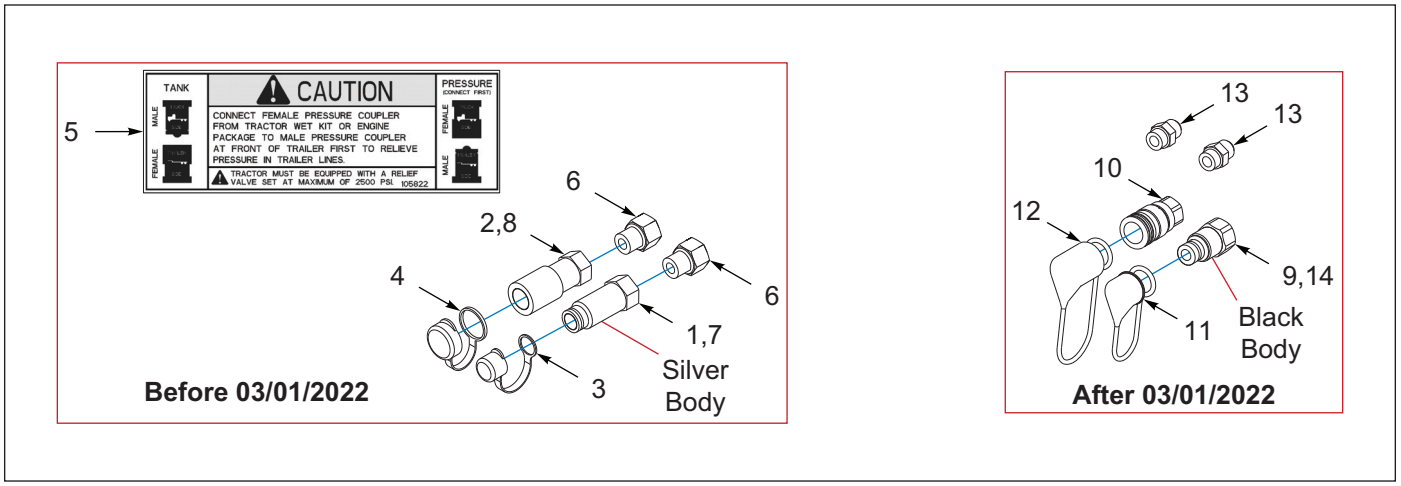


Figure 12-27: Coupler Kit, Hydraulic, Replacement & Repair

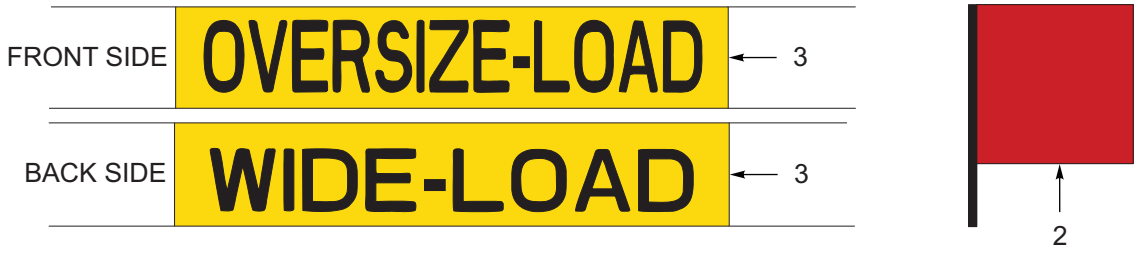
Coupler Kit, Hydraulic, Replacement & Repair

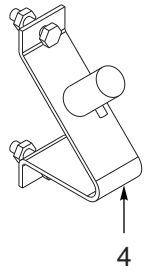
ITEM	PART NUMBER	DESCRIPTION	QTY.
	105902	HYD COUPLER KIT, PARKER **(INCLUDES ITEM 1-6) (BEFORE 03/01/2022) (AFTER 03/01/2022 DISCONTINUED)**	- -
	239705	HYD COUPLER KIT ISO **(INCLUDES ITEM 9-13) (AFTER 03/01/2022 - REPLACES 105902) (REPLACEMENT COUPLERS FOR TRAILER, POWER UNIT, OR TRUCK)**	1
1	105479	COUPLER FLAT FACE MALE NOSE **(REPAIRABLE, SEE ITEM 7) (BEFORE 03/01/2022 -SILVER BODY)**	- -
2	105480	COUPLER FLAT FACE FEMALE BODY **(REPAIRABLE, SEE ITEM 8) (BEFORE 03/01/2022)**	- -
3	105481	COUPLER DUST CAP MALE **(BEFORE 03/01/2022)**	1
4	105482	COUPLER DUST CAP FEMALE **(BEFORE 03/01/2022)**	1
5	105822	DECAL, HYD COUPLER **(BEFORE 03/01/2022) (AFTER 03/01/2022 NO LONGER USED)**	1
6	2216-12-12S	ADAPT 3/4-14P/1-1/16 O-RING **(BEFORE 03/01/2022) (AFTER 03/01/2022 NO LONGER USED)**	2
7	111089	REPAIR KIT FOR 105479 **(BEFORE 03/01/2022) (INCLUDES SLIPPER SEAL, O-RING)**	1
8	111090	REPAIR KIT FOR 105480 **(BEFORE 03/01/2022) (INCLUDES VALVE ASSEM, SEALING SLEEVE, BACK-UP RING, O-RING)**	1
9	239677	COUPLER FL FACE ISO -12 MALE **(REPAIRABLE, SEE ITEM 14) (AFTER 03/01/2022- BLACK BODY) (INCLUDED WITH KIT 239705)**	1
10	239678	COUPLER FL FACE ISO -12 FEMALE **(NON-REPAIRABLE) (AFTER 03/01/2022) (INCLUDED WITH KIT 239705)**	1
11	239679	DUST CAP -12 ISO MALE COUPLER **(AFTER 03/01/2022) (INCLUDED WITH KIT 239705)**	1
12	239680	DUST CAP FEMALE COUPLER -12ISO **(AFTER 03/01/2022) (INCLUDED WITH KIT 239705)**	1
13	202702-12-12S	ADAPTER,#12 O-RING X #12 TUBE **(INCLUDED WITH KIT 239705) (USED TO ADAPT ISO COUPLERS TO -12 FEMALE JIC END TRUCK HOSES)**	2
14	238634	KIT O-RING MALE ISO-12 QD **(INCLUDES BACK-UP RING, O-RING) (AFTER 03/01/2022 - NEW MALE KIT)**	1

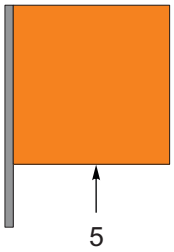
Safety Systems

Banners, Flags, Warning Lights (Options)

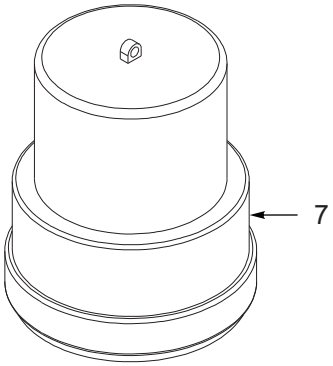
ITEM# 1 - INCLUDES ITEMS 2-3





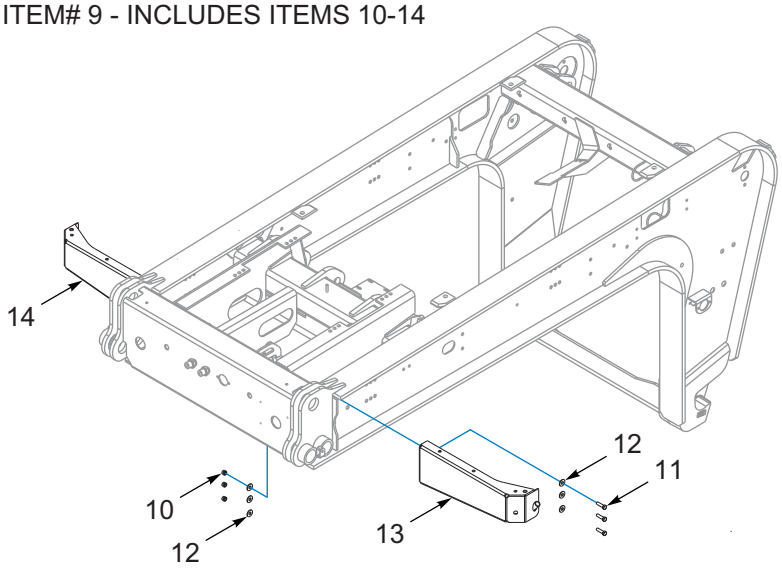


ITEM# 6 - INCLUDES ITEMS 7-8



MAGNETIC BASE

ITEM# 9 - INCLUDES ITEMS 10-14



ITEM# 15 - INCLUDES ITEMS 16-19

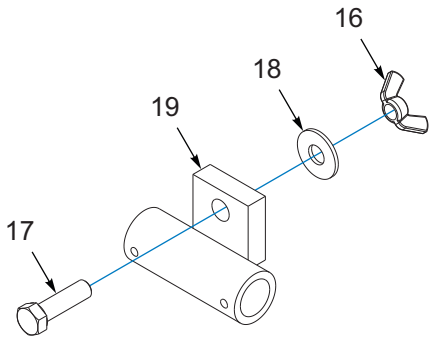


Figure 13-1: Banners, Flags, Warning Lights (Options)

Banners, Flags, Warning Lights (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	105297	FLAG & BANNER KIT WIDE/OVS LD **(INCLUDES ITEMS 2-3)**	- -
2	106654	FLAG OVERWIDTH 825 **(FLOURESCENT TRUE RED, WOODEN DOWEL)**	6
3	106655	BANNER WIDE/OVERSIZE LOAD 825	2
4	161775	BRACKET QUICKMOUNT FLAG **(STAINLESS STEEL QUICK MOUNT STUD, INCLUDES MOUNTING HARDWARE)**	1
5	161776	FLAG QUICKMOUNT ORANGE **(FLOURESCENT ORANGE, ALUMINUM ROD / STEEL SPRING RECEIVER)**	1
6	166752	WARNING LIGHT MAG BASE 2 ASY **(INCLUDES ITEMS 5-6)**	1
7	160070	WARNING LIGHT,AMBER,MAG BASE **(REQUIRES 2 D-CELL BATTERIES)**	2
8	166753	BATTERY DURACELL 'D'	4
9	212089	FRONT FLAG HOLDER 855E **(INCLUDES ITEMS 10-14)**	- -
10	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	6
11	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	6
12	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	12
13	220309	SUPPORT WLDMT, G/N BED,LH GALV	1
14	220310	SUPPORT WLDMT, G/N BED,RH GALV	1
15	212093	FLAG HOLDER KIT **(INCLUDES ITEMS 10-13)**	- -
16	1-533-010001	1/2-13 WING NUT 20 TYPE A	1
17	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	1
18	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	1
19	114741	HOLDER FLAG WLDMT	1

Banner, Bumper Support Frame, Wide

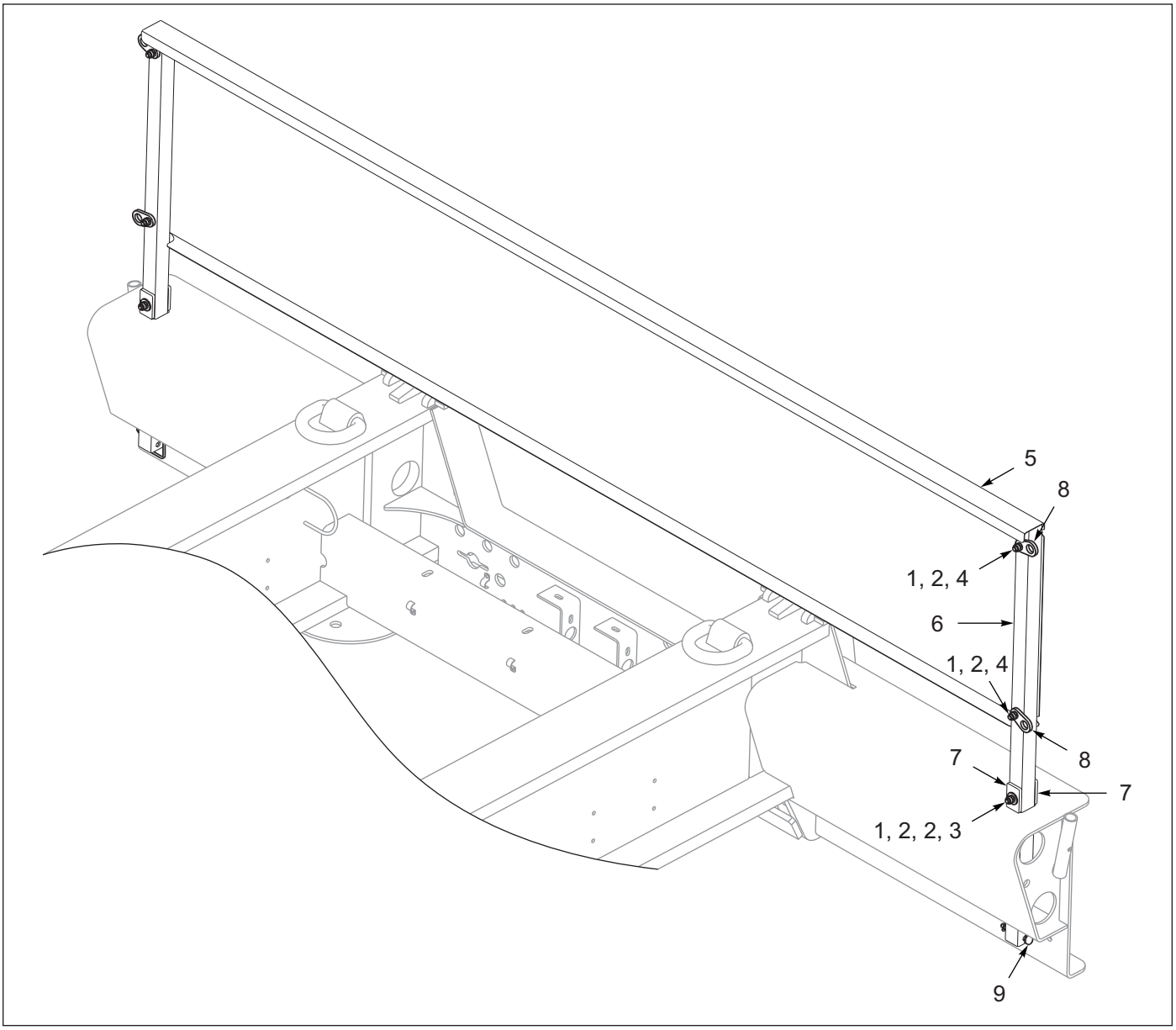
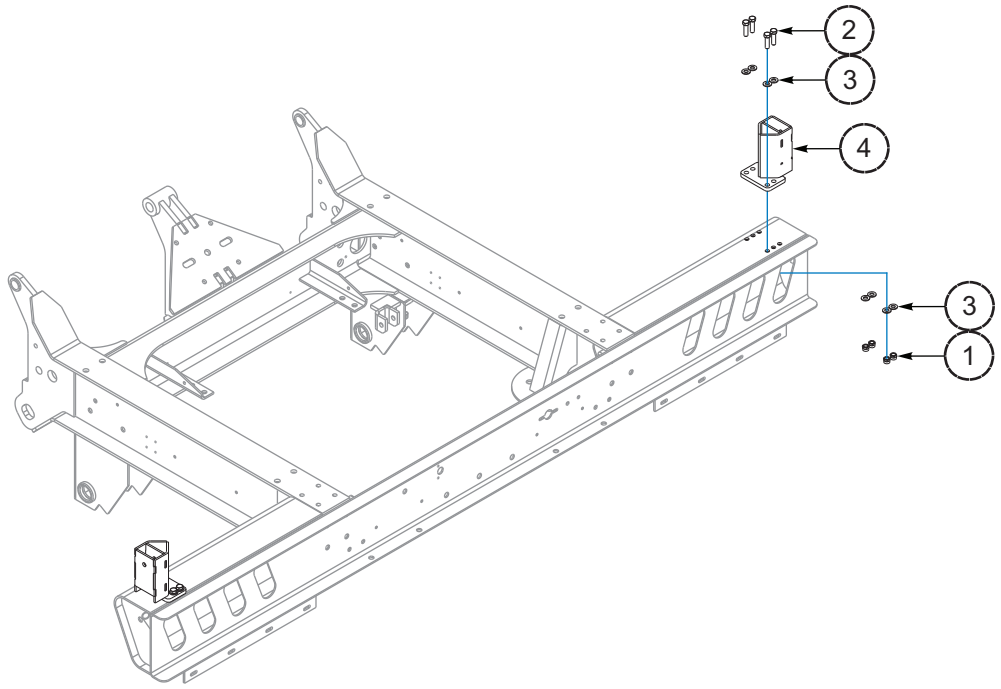


Figure 13-2: Banner, Bumper Support Frame, Wide (Option)

Banners, Bumper Support Frame, Wide (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	175951	FRAME FOR LOAD BANNER ASSY **(INCLUDES ITEMS 1-9)**	1
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	6
2	1-654-010051-11	SCREW HX CP 3/8-16X2-1/2 G5ZP	4
3	1-654-010051-12	SCREW,HEX CAP,3/8-16UNCX2-3/4	2
4	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	8
5	175950	SUPPORT WIDE LOAD BANNER 855	1
6	175952	TUBE LOAD BANNER	2
7	175953	STOP LOAD BANNER	4
8	175955	ANCHOR BANNER	4
9	516-22PTL	RETAINING PIN MUD FLAP **(12412608, 12486627)**	2

Banner Mount, Flip Axle Assembly



NOTE: HYDRAULIC AXLE FLIP FRAME SHOWN

Figure 13-3: Banner Mount, Flip Axle Assembly

Banner Mount, Flip Axle Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
	230052	MOUNT INSTL,WIDE LOAD SIGN	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8
2	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	8
3	1-861-010032-14	WASHER, FLAT 1/2” N ZP/CD	16
4	230053	MOUNT WLDMT,WIDE LOAD SIGN	2

Glossary

For clarity this glossary of industry standard abbreviations and their definitions are provided.

A

A/R . . . . . Air Ride
ABS . . . . . Anti-Lock Brakes
AG . . . . . Agriculture
AL . . . . . Aluminum
APT . . . . . Apitong
ASM . . . . . Assembly
ASSY . . . . . Assembly
AX . . . . . Axle

B

B/T . . . . . Beavertail
BATT . . . . . Battery
BHSC . . . . . Button Head Socket Cap
BKT . . . . . Bucket
BLK . . . . . Black

C

CB . . . . . Carriage Bolt
CON . . . . . Construction
CONN . . . . . Connector
CRG . . . . . Carriage
CTR . . . . . Center
CTSK . . . . . Countersunk
CTWT . . . . . Counterweight
CVR . . . . . Cover
CYD . . . . . Cylinder

D

DBL . . . . . Double
DIA . . . . . Diameter
DS . . . . . Dropside

E

ENCLSD . . . . . Enclosed

F

FHCS . . . . . Flanged Head Cap Screw
FHHCS . . . . . Flanged Hex Head Cap Screw
FL OR **FLG** . . . . . Flange
FLT . . . . . Flat
FT . . . . . Foot

G

G/N . . . . . Gooseneck
GA . . . . . Gauge
GAL . . . . . Gallon
GALV . . . . . Galvanized
GR . . . . . Grade

H

HHCS . . . . . Hex Head Cap Screw
HCS . . . . . High Carbon Steel
HD . . . . . Head
HD . . . . . Heavy Duty
HLCL . . . . . Helical
HCSKT . . . . . Hex Socket
HF . . . . . Hydraulic Flip
HSFC . . . . . Hex Socket Flat Countersunk
HYD . . . . . Hydraulic
HX . . . . . Hexagon

I

ID . . . . . Inside Diameter
INST . . . . . Installation

J

JIC . . . . . Joint Industrial Council

L

LH . . . . . Left Hand
LKG OR **LOCK** . . . . . Locking
LP . . . . . Low Profile
LWR . . . . . Lower

M

MANF . . . . . Manifold
MNT . . . . . Mount

N

NRW . . . . . Narrow
NSS . . . . . Not Serviced Separately
NYL . . . . . Nylatron

O

OD . . . . . Outside Diameter
OHG . . . . . Overhead Guard
ORFS OR **ORS** . . . . . O-Ring Seal
ORP OR **ORB** . . . . . O-Ring Boss
OPT . . . . . Option

P

PC . . . . . Paver/Construction
P/O . . . . . Pull Out
P-STEER . . . . . Power Steering
POL . . . . . Polished
PTFE . . . . . Polytetrafluoroethylene (Teflon)

Q

QT . . . . . Quart

R

RD . . . . . Round
RES . . . . . Reservoir
REQ . . . . . Requires
RH . . . . . Right Hand
RND . . . . . Round

S

S/U . . . . . Suspension
SER . . . . . Series
SHCS . . . . . Socket Head Cap Screw
SHLD . . . . . Shield
SKT . . . . . Socket
SLFLKG . . . . . Self Locking
SOC . . . . . Socket
SPD . . . . . Speed
SPDT . . . . . Single Pole Double Throw
SPR . . . . . Spring
SQ . . . . . Square
SRTD . . . . . Serrated
STL . . . . . Steel
SSCR . . . . . Setscrew
SST . . . . . Stainless Steel
STD . . . . . Standard
SWVL . . . . . Swivel

T

TRL . . . . . Trailer
TRGH . . . . . Trough

U

UPR . . . . . Upper

V

VDC . . . . . Volts Direct Current

W

WD . . . . . Wood
WHL . . . . . Wheel
WLD OR **WLDMT** . . . . . Weldment

X

Y

Z

ZP . . . . . Zink Plate

Chapter 15

TABLE OF CONTENTS

Index

Symbols

#242 LOCKTITE *2-14*

Numerics

0018127 . . . . . *12-31*
005-079-00 . . . . . *5-2*
005-096-00 . . . . . *5-2*
005-097-00 . . . . . *5-2*
006-115-00 . . . . . *5-4*, *5-6*
007-139-00 . . . . . *5-2*
011000323 . . . . . *12-38*
014-065-00 . . . . . *5-2*
014-068-00 . . . . . *5-2*
034-032-00 . . . . . *5-2*
034-047-00 . . . . . *5-2*
034-048-00 . . . . . *5-2*
040-180-00 . . . . . *5-2*
046-096-00 . . . . . *5-2*
046-097-00 . . . . . *5-2*
056-017-00 . . . . . *5-2*
056-018-00 . . . . . *5-2*
0600-250-01000 . . . . . *7-10*
061-003-00 . . . . . *5-2*
069-078-00 . . . . . *5-2*
071-122-00 . . . . . *5-2*
1/4-20X3/4 SELF *7-10*
1/4X3 . . . . . *2-14*
100000326 . . . . . *12-38*
10030 . . . . . *6-6*
1-007-010006 . . . . . *6-14*
100855 . . . . . *2-4*, *9-1*
10109 . . . . . *6-6*
101528 . . . . . *11-2*, *11-6*, *11-9*
101847 . . . . . *5-2*, *11-44*
101849 . . . . . *5-2*, *5-6*, *11-44*
101855 . . . . . *1-8*
101864 . . . . . *9-6*
101988 . . . . . *7-10*, *9-8*
102-0188 . . . . . *8-14*, *8-20*, *8-26*, *10-16*
102-1089 . . . . . *12-28*
102-1158 . . . . . *12-28*, *12-31*
102732 . . . . . *5-28*, *10-31*
103103-002 . . . . . *5-4*, *5-6*
103738 . . . . . *10-22*
103805 . . . . . *5-2*
103817 . . . . . *3-2*
103841 . . . . . *6-10*, *9-2*
103861 . . . . . *11-44*
104369 . . . . . *12-12*, *12-14*
104370 . . . . . *12-3*, *12-7*, *12-16*
105106 . . . . . *5-4*, *5-6*
105107 . . . . . *5-4*
105237 . . . . . *2-4*, *2-10*
105243 . . . . . *2-4*, *2-10*
105245 . . . . . *2-4*, *2-10*
105282 . . . . . *1-4*
105283 . . . . . *1-4*
105297 . . . . . *13-2*
105479 . . . . . *6-6*, *6-14*, *12-4*, *12-7*, *12-42*
105480 . . . . . *6-6*, *6-14*, *12-4*, *12-8*, *12-42*
105481 . . . . . *6-6*, *6-14*, *12-4*, *12-8*, *12-42*
105482 . . . . . *6-7*, *6-14*, *12-4*, *12-8*, *12-42*
105483 . . . . . *12-4*, *12-8*
105822 . . . . . *1-4*, *12-42*
105902 . . . . . *12-42*
106-0006 . . . . . *10-52*, *11-54*
106120 . . . . . *2-15*, *12-38*
1-065-010011 . . . . . *7-12*
106654 . . . . . *13-2*

106655 ..... *13-2*
106759 ..... *6-14*
106760 ..... *6-14*
106955 ..... *7-7*
107470 ..... *4-12*, *12-23*
107498 ..... *6-14*
107499 ..... *6-14*
107500 ..... *6-14*
107513 ..... *6-14*
107887 ..... *10-4*, *10-10*
108196 ..... *7-10*, *11-50*
108295 ..... *6-7*
108336 ..... *3-20*
108417 ..... *4-3*, *10-27*
108439 ..... *8-22*, *8-26*
108601 ..... *6-7*
108628 ..... *12-10*
108801 ..... *10-4*, *10-10*, *10-22*
108802 ..... *10-4*, *10-10*, *10-22*
109533 ..... *5-14*
109740 ..... *8-4*, *8-6*, *8-9*
1-1/4ST ELL *6-14*
110-0116 ..... *6-6*
110-0253 ..... *6-6*
110-4224 ..... *7-12*
110526 ..... *7-17*
110578 ..... *6-7*
110615 ..... *5-10*, *5-14*
110616 ..... *5-14*
110617 ..... *5-14*
110618 ..... *5-14*
110621 ..... *5-10*
110622 ..... *5-10*
110-6958 ..... *8-4*, *8-6*, *8-8*
110975 ..... *5-4*
110976 ..... *5-4*
110996 ..... *6-10*
111008 ..... *5-10*, *5-14*
111010 ..... *5-10*, *5-14*
111011 ..... *5-10*, *5-14*
111021 ..... *5-28*, *10-31*
111023 ..... *5-10*, *5-14*
111025 ..... *5-14*
111026 ..... *5-14*
111028 ..... *5-10*
111029 ..... *5-10*
111030 ..... *5-14*
111031 ..... *5-14*
111033 ..... *5-10*, *5-14*
111036 ..... *5-10*, *5-14*, *10-31*, *10-38*
111037 ..... *5-10*
111038 ..... *5-10*
111089 ..... *12-42*
111090 ..... *12-42*
111276 ..... *4-6*
111361 ..... *9-6*
111382 ..... *7-7*, *9-12*
111390 ..... *9-12*
111416 ..... *5-32*
111417 ..... *5-32*
111652 ..... *5-32*
111785 ..... *12-38*
111786 ..... *12-38*
111787 ..... *12-38*
111788 ..... *12-38*
111899 ..... *11-8*, *11-30*
112-1511 ..... *8-22*, *8-26*
112-1513 ..... *8-26*
113064 ..... *4-19*
113109 ..... *5-4*
113299 ..... *8-9*
113509 ..... *12-31*
113536 ..... *5-4*
113819 ..... *5-2*
113856 ..... *6-7*
114085 ..... *12-31*

114586 . . . . . *11-44*
114588 . . . . . *10-22*, *11-44*
114712 . . . . . *4-7*
114741 . . . . . *3-16*, *3-18*, *13-2*
114814 . . . . . *6-7*, *9-4*
114815 . . . . . *6-7*
114987 . . . . . *4-12*, *4-14*
115629 . . . . . *10-52*
115877 . . . . . *6-7*, *9-4*
116100 . . . . . *4-12*, *4-14*
116143 . . . . . *12-31*
116326 . . . . . *6-7*
116328 . . . . . *6-7*
116330 . . . . . *6-7*
116431 . . . . . *12-26*
117838 . . . . . *10-4*, *10-10*
117839 . . . . . *10-4*, *10-10*
117873 . . . . . *6-7*
11837 . . . . . *8-20*
118662 . . . . . *9-6*
118726 . . . . . *4-14*
118914 . . . . . *11-8*
119084 . . . . . *7-21*
119206 . . . . . *6-7*
119445 . . . . . *6-7*
120659 . . . . . *6-7*
120660 . . . . . *6-7*
120661 . . . . . *6-7*, *12-28*
121002 . . . . . *12-3*
121031 . . . . . *12-19*, *12-23*
121355 . . . . . *11-2*
12-16 070120 . . . . . *6-14*
122709 . . . . . *7-12*
122862 . . . . . *12-19*, *12-23*
123066 . . . . . *12-26*
123109 . . . . . *12-4*, *12-8*
123403 . . . . . *7-20*, *7-24*
123706 . . . . . *8-26*
123717 . . . . . *5-28*
123869 . . . . . *5-28*
123882 . . . . . *5-4*, *5-7*
12412408 . . . . . *9-4*
12412409 . . . . . *9-4*
124195 . . . . . *5-4*
1-242-010178-3 . . . . . *12-38*
1-242-010180-3 . . . . *2-15*, *4-12*, *4-14*, *12-10*, *12-19*, *12-23*, *12-38*
12486400-520 . . . . . *5-10*, *5-14*
12486400-521 . . . . . *5-10*, *5-14*
124971 . . . . . *6-10*
125130 . . . . . *6-14*
125436 . . . . . *11-46*
125871 . . . . . *12-4*
125894 . . . . . *2-4*, *2-10*, *8-4*, *8-6*, *8-8*, *11-3*
126292 . . . . . *5-2*
127806 . . . . . *12-10*
128601 . . . . . *10-40*
128774 . . . . . *6-7*
128873 . . . . . *4-7*, *4-10*
128874 . . . . . *2-14*, *4-3*, *4-12*, *4-16*, *4-19*
128886 . . . . . *2-20*, *2-22*
129004 . . . . . *5-10*, *5-14*
129005 . . . . . *5-14*
129006 . . . . . *5-10*, *5-14*
129146 . . . . . *4-12*, *4-14*
129264 . . . . . *6-7*
1-295-010001 . . . . . *6-6*, *6-14*
129601 . . . . . *3-2*
129645 . . . . . *8-22*
129698 . . . . . *12-19*, *12-23*
1-297-010004-04 . . . . . *10-4*, *10-10*
1-297-010007-05 . *10-5*, *10-11*, *10-14*, *10-16*, *10-18*, *10-31*, *10-46*, *10-48*
1-297-010007-06 . *10-4*, *10-10*, *10-46*, *10-48*, *10-51*, *10-56*
1-297-010007-11 . . . . . *10-35*

1-297-010007-12 *10-27*, *10-31*, *10-35*, *10-44*, *10-46*, *10-48*
1-297-010008-05 *8-14*, *8-20*, *8-22*, *8-26*, *10-4*, *10-10*, *10-14*, *10-52*, *10-56*
1-297-010008-07 . *10-4*, *10-10*, *10-14*, *10-16*, *10-18*, *10-40*, *10-52*, *10-56*
1-297-010008-09 . . . . . *10-44*
1-297-010008-18 . . . . . *10-4*, *10-10*, *10-22*, *10-38*
1-297-010008-20 . *10-4*, *10-10*, *10-22*, *10-27*, *10-31*, *10-35*, *10-44*, *10-46*, *10-48*
1-297-010008-23 . . . . . *10-4*, *10-10*, *10-22*
1-297-010008-24 . . . . . *10-22*
1-297-010009-03 . . . . . *10-4*, *10-10*
1-297-010010-01 . *10-4*, *10-10*, *10-14*, *10-16*, *10-18*, *10-46*, *10-51*
1-297-010010-03 *10-31*, *10-35*, *10-44*, *10-46*, *10-48*
1-297-010010-04 . . . . . *10-31*, *10-40*
1-297-010011-04 *10-31*, *10-35*, *10-38*, *10-46*, *10-48*
1-297-010011-05 . . . . . *10-46*, *10-48*
1-297-010012-16 . . . . . *10-4*, *10-10*
1-297-010013-11 . . . . . *10-31*, *10-35*, *10-46*, *10-48*
1-297-010013-12 . . . . . *10-31*, *10-35*, *10-38*
1-297-010014-02 . . . . . *10-40*
1-297-010015-06 . . . . . *10-4*, *10-10*
1-297-010015-07 . . . . . *10-22*
1-297-010015-09 . . . . . *10-4*, *10-10*
1-297-010015-11 . . . . . *10-22*
1-297-010017-03 . . . . . *10-27*
1-297-010017-04 . . . . . *10-22*, *10-31*, *10-35*
1-297-010018-03 . . . . . *10-22*
1-297-010020-02 . . . . . *10-4*, *10-10*
1-297-010022-02 . . . . . *10-4*, *10-10*, *10-40*
1-297-010022-03 *10-22*, *10-31*, *10-35*, *10-38*, *10-52*, *10-56*
1-297-010033-03 . . . . . *10-4*, *10-10*
1-298-010001-1 . . . . . *4-10*, *11-2*, *11-6*, *11-9*
129828 . . . . . *7-21*
129985 . . . . . *2-5*
130116 *1-4*, *1-8*, *1-14*, *4-6*, *11-2*, *11-8*, *11-12*, *11-14*, *11-16*, *11-20*, *11-27*, *11-35*, *11-39*, *11-46*
130350 . . . . . *8-13*, *8-14*, *8-19*, *8-20*
130536 . . . . . *8-2*
131195 . . . . . *2-20*, *2-22*
1-316-010013 . . . . . *6-6*
132064 . . . . . *12-28*
1-323-010008 . . . . . *10-40*
132833 . . . . . *8-4*, *8-8*
133458 . . . . . *4-12*
133732 . . . . . *3-2*
134144 . . . . . *5-10*
1-343-010001 . . . . . *11-8*
134657 . . . . . *10-14*, *10-16*, *10-18*
134757 . . . . . *5-32*
134857 . . . . . *6-11*
135184 . . . . . *1-16*, *8-4*, *8-6*, *8-8*
135188 . . . . . *7-14*
136578 . . . . . *6-11*
136637 . . . . . *12-23*
136908 . . . . . *2-20*
137024 . . . . . *8-4*, *8-8*
137108 . . . . . *5-4*
137461 . . . . . *5-2*
137485 . . . . . *5-2*
138090 . . . . . *5-2*
1-382-010035-06 . . . . . *8-4*, *8-8*
138209 . . . . . *6-7*
1-384-010038024 . . . . . *10-22*
1-384-010038030 . . . . . *10-22*
1-384-010038038 . . . . . *10-38*, *10-56*
1-384-010038054 . . . . . *10-22*
1-384-010038060 . . . . . *10-4*, *10-10*, *10-22*
1-384-010038072 . . . . . *10-22*, *10-27*
1-384-010038076 . . . . . *10-22*
1-384-010038084 . . . . . *10-22*
1-384-010038090 . . . . . *10-22*
138814 . . . . . *10-4*, *10-10*
139201 . . . . . *5-26*
139383 . . . . . *5-2*

139560 5-32
139619 7-14
139630 7-14
139631 7-14
1-397-010262-1 . . . . . 8-14, 8-20, 8-26
1-397-010301018 12-7
1-397-010301054 12-7
1-397-010301100 6-14
1-397-010301136 . . . . . 12-3, 12-7
1-397-010302060 12-3
1-397-010302064 . . . . . 12-19, 12-23
1-397-010304018 6-6
1-397-010304060 6-6
1-397-010305164 12-4
1-397-010312032 6-6
139826 7-10
139830 7-14
140450 . . . . . 5-30, 10-46, 10-48
140927 7-10
1410792 6-8
141251 . . . . . 4-7, 4-10
141827 12-26
141900037 12-38
142064 2-20
142065 2-20
142441 11-2
142442 11-2
142465 11-2
142545 . . . . . 11-2, 11-6, 11-9
143100 . . . . . 11-2, 11-9, 11-12, 11-14, 11-16, 11-42
143101 11-2, 11-9, 11-12, 11-14, 11-16, 11-42, 11-51
143102 . . . . . 11-20, 11-26
143103 . . . 10-42, 11-20, 11-26, 11-44, 11-50, 11-54
143114 . . . . . 11-8, 11-20, 11-26, 11-35, 11-39
143121 11-2, 11-8, 11-20, 11-27, 11-42, 11-44, 11-46
143123 . . . . . 11-20, 11-26, 11-35
143669 2-22
143670 4-16
143671 4-16
143850 6-7
144608 . . . . . 11-8, 11-39
145499 3-6, 3-7, 3-8, 3-10, 3-12, 7-4, 7-7, 7-16, 7-18
145696 5-32
145697 5-32
146897 . . . . . 11-2, 11-20, 11-26
146898 . . . . . 11-20, 11-26, 11-35, 11-39
146924 11-2
146929 . . . . . 11-8, 11-20, 11-26
147072 7-7
147304 2-22
147312 . . . . . 2-22, 3-18
147464 11-44
147475 5-32
147582 . . . . . 12-19, 12-23
147584 12-26
148028 4-12
148036 . . . . . 12-19, 12-23
148043 . . . . . 12-19, 12-23
148044 . . . . . 12-19, 12-23, 12-26
148045 . . . . . 12-19, 12-23, 12-26
148581 11-50
148582 11-50
148783 . . . . . 4-12, 4-14
148811 . . . . . 2-14, 4-3, 4-12, 4-19
150057 . . . . . 4-12, 4-14
150058 . . . . . 4-12, 4-14
150059 . . . . . 4-12, 4-14
150076 . . . . . 2-4, 2-10
150093 11-51
150111 . . . . . 11-42, 11-50
150114 . . . . 11-8, 11-20, 11-26, 11-35, 11-39, 11-46
150116 . . . . . 11-20, 11-26, 11-35, 11-39, 11-42
150117 . . . . . 11-2, 11-8, 11-12, 11-14, 11-16, 11-20, 11-26, 11-35, 11-39, 11-42, 11-46
150118 . . . . . 11-20, 11-26, 11-46
150346 5-32

1-510-010001 . . *2-5*, *2-11*, *2-20*, *2-22*, *3-2*, *3-13*, *4-3*, *4-6*, *9-6*, *10-4*, *10-10*, *11-8*, *11-30*, *12-3*, *12-7*, *12-26*, *12-28*

1-510-010003-09 . . *2-14*, *4-3*, *4-12*, *4-16*, *4-19*, *5-28*

1-512-010002-09 . . . . . *8-4*, *8-6*, *8-8*

1-512-010002-14 . . . . . *7-14*

1-512-010003-03 . . . . . *6-6*

1-512-010003-14 . . . . . *7-10*

1-512-010004-03 . . . . . *6-6*

1-512-010005-01 *2-4*, *2-10*, *2-22*, *5-28*, *7-7*, *8-4*, *8-6*, *8-8*, *9-10*, *10-5*, *10-11*, *10-31*, *10-42*, *10-52*, *11-3*, *11-8*, *11-20*, *11-26*, *11-30*, *11-35*, *11-39*, *11-42*, *12-28*, *12-31*

1-512-010005-03 *6-10*, *7-2*, *7-4*, *11-2*, *11-20*, *11-26*, *11-50*, *12-10*, *12-19*, *12-23*

1-512-010005-05 . . *2-4*, *2-10*, *2-18*, *2-22*, *3-20*, *4-3*, *4-16*, *5-28*, *6-6*, *7-2*, *7-4*, *7-10*, *7-20*, *7-24*, *8-4*, *8-6*, *8-8*, *9-10*, *10-4*, *10-10*, *10-22*, *10-27*, *10-40*, *10-42*, *10-51*, *11-6*, *11-9*, *12-3*, *12-7*, *12-19*, *12-23*, *13-3*

1-512-010005-09 . *2-4*, *2-20*, *2-22*, *3-2*, *3-3*, *3-4*, *3-5*, *3-10*, *3-11*, *3-12*, *3-16*, *3-18*, *4-10*, *5-28*, *6-6*, *6-11*, *7-7*, *7-10*, *7-12*, *7-17*, *8-2*, *9-6*, *9-8*, *9-12*, *11-8*, *13-2*, *13-4*

1-512-010005-10 . . . . . *6-8*

1-512-010005-13 . . . *4-3*, *4-19*, *7-17*, *7-20*, *7-24*, *9-4*

1-512-010005-15 . *2-4*, *2-10*, *3-21*, *3-24*, *4-18*, *5-26*, *7-14*, *7-16*, *7-18*, *8-4*, *8-6*, *8-8*, *9-1*

1-512-010005-19 . . . . . *6-10*, *9-2*

1-512-010007-03 . . . . . *11-20*, *11-26*, *11-35*

1-512-010007-05 . . . . . *5-2*

1-512-010007-06 . . . . . *7-2*, *7-4*, *7-10*

1-512-010007-07 . . . . . *9-6*

1-512-010007-09 . . . . . *5-14*

1-512-010007-12 . . . . . *2-4*, *2-10*

151822 . . . . . *5-10*

151861 . . . . . *7-20*, *7-24*

151882 . . . . . *7-24*

153032 . . . . . *11-50*

1-533-010001 . . . . . *3-16*, *3-18*, *13-2*

153366 . . . . . *5-6*

153402 . . . . . *5-6*

153754 . . . . . *9-4*

153841 . . . . . *12-28*

154234 . . . . . *8-9*

154997 . . . . . *3-18*

1-557-010014 . . . . . *3-16*

1-557-010362-40 . . . . . *9-6*

1-557-010362-51 . . . . . *4-14*

1-557-010362-63 . . . . . *2-15*, *4-12*, *4-14*

1-557-010362-65 . . . . . *7-1*, *7-2*, *7-4*

1-557-010362-87 . . . . . *4-7*, *4-10*

155720 . . . . . *7-20*, *7-24*

155780 . . . . . *1-4*, *1-12*

1-560-010002-02 . . . . . *10-4*, *10-10*, *10-53*, *10-56*

1-560-010002-03 . . . . . *6-6*, *10-22*

1-560-010002-04 . . . . . *10-22*, *10-27*

1-560-010002-05 . . . . . *10-22*

156010 . . . . . *1-4*, *1-12*

156430 . . . . . *2-4*, *2-10*

157330 . . . . . *6-14*

1-578-010015-14 . . . . . *11-8*

158581 . . . . . *12-4*, *12-8*

158732 . *3-10*, *3-12*, *7-4*, *7-7*, *7-16*, *7-18*, *7-20*, *7-24*

159001 . . . . . *5-2*

159522 . . . . . *4-12*

160070 . . . . . *13-2*

160366 . . . . . *2-4*, *12-4*, *12-33*, *12-34*

160396 . . . . . *2-4*

161165 . . . . . *2-4*, *2-10*

161168 . . . . . *2-4*, *2-10*

161172 . . . . . *2-4*

161590 . . . . . *8-28*, *8-30*

161775 . . . . . *3-14*, *13-2*

161776 . . . . . *13-2*

161811 . . . . . *8-2*

161825 . . . . . *5-30*

162006 . . . . . *9-8*

162007 . . . . . *9-8*

162037 . . . . . *2-4*

162038 . . . . . *2-4*

162039 2-4
162041 6-8
162042 6-8
162045 3-4
162046 . . . . . 3-4, 3-5, 3-11
162049 9-1
162051 9-1
162056 2-4
162070 1-8
162207 . . . . . 8-28, 8-30
162208 8-28
162210 . . . . . 8-28, 8-30
162211 . . . . . 8-28, 8-30
162213 8-28
162214 8-28
162215 . . . . . 8-28, 8-30
162216 . . . . . 8-28, 8-30
162217 8-30
162218 . . . . . 8-28, 8-30
162219 . . . . . 8-28, 8-30
162248 6-8
162290 . . . . . 11-8, 11-30
162483 2-18
162484 2-18
162485 2-18
162786 . . . . . 5-10, 5-14
162787 3-4
162788 . . . . . 2-4, 2-10
162941 . . . . . 8-28, 8-30
162942 8-30
162943 8-30
162944 8-30
163092 3-2
163100 3-4
163101 3-16
163102 3-16
163352 . . . . . 12-4, 12-8
163474 12-33
163475 12-33
163476 12-33
163477 12-33
163478 12-33
163480 12-33
163481 12-33
163516 3-4
163567 . . . . . 4-10, 7-20, 7-24
163572 4-10
163573 4-10
163574 4-10
163575 4-10
163578 10-22
163580 . . . . . 3-16, 3-18, 9-10
163596 5-32
163597 5-32
163776 9-8
163996 11-8
164052 . . . . 11-8, 11-12, 11-14, 11-16, 11-42, 11-51
164086 5-30
164087 . . . . . 5-30, 10-46, 10-48
164088 5-30
164089 5-30
164090 5-30
164091 5-30
164092 . . . . . 5-30, 10-46, 10-48
164093 5-30
164095 5-32
164108 3-5
164109 3-5
164110 3-5
164435 . . . . . 12-19, 12-24
1-647-010004221 . . . . . 2-4, 2-10, 4-10, 7-4
1-647-010004259 . . . . . 7-20, 7-24, 8-2
1-647-010004263 2-14
164827 2-22
164828 . . . . . 3-21, 4-18
164829 . . . . . 3-21, 4-18

164830 . . . . . *3-21*
164831 . . . . . *3-21*
164838 . . . . . *3-21*
164897 . . . . . *1-4*
165151 . . . . . *3-21*
165152 . . . . . *3-21*
165156 . . . . . *3-21*
165160 . . . . . *3-21*
165161 . . . . . *3-21*
1-654-010024055 . . . . . *11-51*
1-654-010036-05 . . . . . *2-14*
1-654-010047-03 . . . . . *2-4*, *2-10*
1-654-010047-04 . . *2-22*, *5-28*, *8-4*, *8-6*, *8-8*, *10-31*, *11-3*, *11-8*, *11-30*, *12-23*
1-654-010047-05 . . . . . *2-4*, *2-10*, *10-5*, *10-11*
1-654-010047-06 *6-6*, *7-7*, *9-10*, *11-20*, *11-26*, *11-35*, *11-39*, *11-42*
1-654-010047-07 . . . . . *10-42*, *10-52*
1-654-010047-10 . . . . . *8-4*, *8-6*, *8-8*, *12-28*, *12-31*
1-654-010049-03 . . . . . *5-4*, *5-6*, *12-3*, *12-7*
1-654-010049-05 . . . . . *8-22*, *11-2*, *11-50*
1-654-010049-06 . . . . . *11-2*, *11-20*, *11-26*
1-654-010049-09 . . . . . *12-19*, *12-23*
1-654-010049-11 . . . . . *8-22*
1-654-010051-03 . . . . . *7-10*, *10-40*
1-654-010051-05 *2-10*, *2-11*, *3-20*, *4-16*, *5-10*, *5-14*, *5-28*, *9-6*, *10-4*, *10-10*
1-654-010051-06 . . *2-10*, *2-20*, *2-22*, *3-2*, *5-28*, *6-6*, *7-10*, *10-42*, *10-51*, *12-7*
1-654-010051-07 *3-13*, *4-3*, *5-28*, *8-4*, *8-6*, *8-8*, *9-10*
1-654-010051-08 . *2-4*, *2-20*, *2-22*, *4-3*, *5-28*, *10-10*, *10-22*, *10-27*
1-654-010051-09 . . . . *2-18*, *6-6*, *7-2*, *7-4*, *7-20*, *7-24*
1-654-010051-10 . . . . . *11-6*, *11-9*
1-654-010051-11 . . . . . *4-12*, *8-22*, *13-3*
1-654-010051-12 . . . . . *5-28*, *13-3*
1-654-010052-17 . . . . . *8-26*
1-654-010053-04 . . . . . *11-46*
1-654-010053-05 . . . . . *7-10*, *9-8*
1-654-010055-01 . . . . . *3-3*, *3-4*, *3-5*, *3-11*
1-654-010055-02 . . . . . *4-10*, *4-12*
1-654-010055-03 . . *2-20*, *2-22*, *3-10*, *3-12*, *4-3*, *4-16*, *4-19*, *6-6*, *6-11*, *6-14*, *7-10*, *7-17*, *9-8*, *9-12*
1-654-010055-04 *3-2*, *3-3*, *3-4*, *3-5*, *3-11*, *3-16*, *6-10*, *7-7*, *8-2*, *13-2*, *13-4*
1-654-010055-05 . . . . . *2-14*, *3-16*
1-654-010055-09 . . . . . *3-18*, *6-11*, *8-26*
1-654-010055-10 . . . . . *4-3*, *4-16*, *4-19*, *9-6*
1-654-010055-13 . . . . . *2-14*, *6-6*
1-654-010059-01 . . . . . *8-22*
1-654-010059-03 . . . . . *7-17*
1-654-010059-05 . . . . . *4-19*
1-654-010059-06 . . . . . *4-3*, *8-26*
1-654-010059-07 . . . . . *7-14*
1-654-010059-11 . . . . . *7-14*
1-654-010059-13 . . . . . *3-10*
1-654-010059-14 . . . . . *3-10*, *9-4*
1-654-010061-04 . . . . . *3-21*, *3-24*, *4-18*
1-654-010061-06 . . . . . *7-16*
1-654-010061-07 . . . . . *7-18*
1-654-010061-13 . . . . . *8-4*, *8-6*, *8-8*
1-654-010061-15 . . . . . *5-25*, *9-2*
1-654-010061-20 . . . . . *2-10*
1-654-010065-15 . . . . . *9-2*
1-654-010065-17 . . . . . *6-10*
1-654-010070-02 . . . . . *7-12*
1-654-010089-13 . . . . . *3-18*
1-654-010121-06 . . . . . *6-10*
1-654-010133-05 . . . . . *2-4*
1-654-010158-02 . . . . . *4-3*, *10-27*
1-654-010158-1 . . . . . *11-8*
1-655-010003-05 . . . . . *12-23*
1-656-010003026 . . . . . *11-8*, *11-30*
1-656-010003051 . . *6-8*, *6-14*, *11-20*, *11-26*, *11-35*, *11-39*
165963 . . . . . *3-7*
1-660-010006 . . . . . *11-51*
166735 . . . . . *6-14*

166752 13-2
166753 13-2
166766 6-7
166916 11-50
167-0022 3-16
167199 12-34
167200 12-34
167201 12-34
167391 5-10
167521 . . . . . 8-9, 8-28
168193 6-14
168610 10-52
168613 . . . . . 10-52, 11-54
168616 . . . . . 10-52, 10-56
168617 . . . . . 10-52, 10-56
168618 . . . . . 10-52, 11-54
168961 3-5
168962 3-5
168963 3-16
169365 . . . . . 12-4, 12-8
169372 . . . . . 2-4, 2-10
169531 6-7
169532 6-7
169639 9-2
169641 9-2
169644 3-4
169690 8-2
169806 2-22
169853 . . . . . 11-2, 11-8, 11-12, 11-14, 11-16, 11-42
170109 6-7
170110 6-7
170114 6-8
170115 5-25
170118 5-25
170120 5-25
170421 . . . . . 2-10, 12-8, 12-35
1709AS669-01 7-10
171664 10-22
171965 9-4
171976 3-20
171977 4-16
171981 3-20
171982 4-16
171983 3-20
171984 3-20
172354 2-10
172362 2-10
172365 2-10
172366 2-10
172374 2-10
172378 2-14
172389 2-10
172426 4-10
172429 2-14
172827 8-9
172877 . . . . . 8-9, 8-30
172888 . . . . . 8-4, 8-6, 8-8
172946 7-17
173044 7-10
173860 6-7
174019 3-20
174020 . . . . . 3-20, 4-16
174021 3-20
174022 3-20
174023 . . . . . 3-20, 4-16
174024 3-20
174027 4-16
174042 1-8
174043 . . . . . 1-16, 11-12, 11-14, 11-16
174069 4-10
174071 . . . . . 11-35, 11-39, 11-42
174112 3-24
174113 3-24
174114 3-24
174133 5-25
174152 12-35

174153 . . . . . *12-35*
174154 . . . . . *12-35*
174178 . . . . . *5-28*
174249 . . . . . *2-15*
174250 . . . . . *2-15*
174559 . . . . . *4-10*
174664 . . . . . *2-18*
174665 . . . . . *2-18*
174676 . . . . . *2-14*
174678 . . . . . *2-14*
174681 . . . . . *2-14*
175353 . . . . . *4-10*
175354 . . . . . *4-10*
175591 . . . . . *6-7*, *11-9*, *11-30*
175592 . . . . . *11-9*, *11-31*
175950 . . . . . *13-3*
175951 . . . . . *13-3*
175952 . . . . . *13-3*
175953 . . . . . *13-3*
175955 . . . . . *13-3*
176466 . . . . . *3-24*
178425 . . . . . *6-7*
178428 . . . . . *6-7*
178431 . . . . . *6-7*
178434 . . . . . *6-10*
178435 . . . . . *6-10*
178436 . . . . . *6-10*
178444 . . *2-4*, *2-10*, *8-4*, *8-6*, *8-8*, *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
178592 . . . . . *10-52*, *10-56*
178609 . . . . . *4-18*
178610 . . . . . *4-18*
178613 . . . . . *4-18*
178638 . . . . . *6-7*
178714 . . . . . *8-30*
178715 . . . . . *8-28*, *8-30*
178716 . . . . . *8-30*
178717 . . . . . *8-30*
178718 . . . . . *8-28*
178754 . . . . . *3-24*
178999 . . . . . *8-28*
179000 . . . . . *8-28*
179001 . . . . . *8-28*
179090 . . . . . *6-7*
179105 . . . . . *5-25*
179106 . . . . . *5-25*
179324 . . . . . *7-4*
1-796-010001 . . . . . *11-21*, *11-26*
1-796-010002-01 . . . . . *11-51*
1-796-010003-01 . *10-27*, *10-38*, *10-56*, *11-35*, *11-6*, *11-9*
1-796-010004-02 . . . . . *11-3*, *11-21*, *11-27*
179933 . . . . . *5-4*, *5-6*
179955 . . . . . *5-4*, *5-6*
180223 . . . . . *10-52*
180225 . . . . . *10-52*
180229 . . . . . *10-52*, *11-54*
180435 . . . . . *2-22*
180444 . . . . . *9-10*
180445 . . . . . *9-10*
180446 . . . . . *9-10*
180447 . . . . . *9-10*
180449 . . . . . *9-10*
180453 . . . . . *3-24*
180454 . . . . . *3-24*
180455 . . . . . *3-24*
180529 . . . . . *8-4*, *8-6*, *8-8*
180600 . . . . . *2-14*
180605 . . . . . *8-2*
180759 . . . . . *9-8*
180761 . . . . . *3-24*
180762 . . . . . *3-24*
180839 . . . . . *10-52*, *10-56*
180840 . . . . . *10-52*, *10-56*
180931 . . . . . *1-4*
182009 . . . . . *3-16*

182075 . . . . . *3-24*
182076 . . . . . *3-24*
182077 . . . . . *3-24*
182128 . . . . . *7-7*
182153 . . . . . *7-7*
182156 . . . . . *7-7*
182159 . . . . . *7-7*
182167 . . . . . *7-7*
182176 . . . . . *12-8*
182177 . . . . . *9-10*
182178 . . . . . *9-10*
182180 . . . . . *9-10*
1-822-010001 . . . . . *4-3*, *10-27*, *12-26*
1-822-010002 . . . . . *4-3*, *6-6*, *10-27*
1-822-010003 . . . . . *3-2*
1-833-010001 . . . . *10-4*, *10-10*, *10-14*, *10-16*, *10-18*, *10-40*, *10-46*, *10-48*
1-833-010002 . . . . . *10-48*
1-833-010003 . . . . . *10-22*
183413 . . . . . *11-48*, *11-54*
1-843-010014 . . . . . *5-32*
184350 . . . . . *7-4*
184355 . . . . . *7-4*
184381 . . . . . *7-4*
184382 . . . . . *7-2*, *7-4*
184383 . . . . . *7-7*
184384 . . . . . *7-7*
184391 . . . . . *3-16*
184397 . . . . . *7-7*
184402 . . . . . *7-7*
184441 . . . . . *10-4*, *10-10*, *10-22*, *10-27*
184442 . . . . . *10-4*, *10-10*, *10-22*
184585 . . . . . *12-10*
185059 . . . . . *11-2*, *11-12*, *11-14*, *11-16*
1-861-010032-02 . . . . . *6-6*
1-861-010032-06 . . . *7-7*, *10-5*, *10-11*, *12-23*, *12-31*
1-861-010032-07 *2-4*, *2-10*, *2-22*, *8-4*, *8-6*, *8-8*, *9-10*, *10-42*, *10-52*, *11-3*, *11-8*, *11-20*, *11-26*, *11-35*, *11-39*, *11-42*
1-861-010032-08 . . . . . *7-10*, *12-3*, *12-7*
1-861-010032-09 . . . . . *11-2*, *11-20*, *11-26*
1-861-010032-10 . *5-28*, *7-10*, *11-6*, *11-9*, *12-3*, *12-7*
1-861-010032-11 . . *2-10*, *2-14*, *2-18*, *2-20*, *2-22*, *3-2*, *3-13*, *3-20*, *4-3*, *4-16*, *5-28*, *6-6*, *7-20*, *7-24*, *8-4*, *8-6*, *8-8*, *9-6*, *9-10*, *10-4*, *10-10*, *10-22*, *10-27*, *10-42*, *10-51*, *12-7*, *13-3*
1-861-010032-13 . . . . . *7-10*, *9-8*
1-861-010032-14 . *4-10*, *6-8*, *7-12*, *8-4*, *8-6*, *8-8*, *13-4*
1-861-010032-15 *2-14*, *2-20*, *2-22*, *3-2*, *3-3*, *3-4*, *3-5*, *3-10*, *3-11*, *3-12*, *3-16*, *4-3*, *4-10*, *4-16*, *4-19*, *5-28*, *6-6*, *6-10*, *6-11*, *7-17*, *11-8*, *13-2*
1-861-010032-18 *7-14*, *7-17*, *7-20*, *7-24*, *8-4*, *8-6*, *8-9*, *12-31*
1-861-010032-19 . . . *3-10*, *4-3*, *4-10*, *4-19*, *7-14*, *9-4*
1-861-010032-20 . . *3-21*, *3-24*, *4-18*, *5-26*, *7-20*, *9-1*
1-861-010032-21 . . *2-4*, *2-10*, *5-25*, *5-26*, *6-10*, *7-16*, *7-18*, *8-4*, *8-6*, *8-8*, *9-2*
1-861-010032-24 . . . . . *4-14*
1-861-010032-25 . . . . . *2-15*, *4-12*
1-861-010034-07 . . . . . *11-20*, *11-26*, *11-35*
1-861-010034-09 . . . . . *6-6*, *12-23*
1-861-010034-10 . . . . . *5-4*, *5-6*, *8-22*, *12-3*, *12-7*
1-861-010034-11 . . . *2-10*, *3-2*, *7-10*, *8-22*, *8-26*, *9-6*
1-861-010034-13 . . . . . *6-6*, *6-14*, *8-22*, *8-26*
1-861-010034-15 . . . . . *3-10*, *7-14*, *8-4*, *8-6*, *8-9*
1-861-010059-21 . . . . . *12-3*, *12-7*
186811 . . . . . *6-7*
186875 . . . . . *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
186877 . . . . . *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
186885 . . . . . *11-51*, *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*, *12-41*
186922 . . . . . *4-7*
187440 . . . . . *7-4*
187859 . . . . . *11-8*, *11-35*
187860 . . . . . *11-20*, *11-26*, *11-35*, *11-39*, *11-48*
187861 . . . . . *11-48*
187868 . . . . . *11-20*, *11-26*
187869 . . . . *11-8*, *11-20*, *11-26*, *11-35*, *11-39*, *11-46*

189278 ..... *2-4*, *2-10*, *4-3*, *10-31*, *10-35*, *11-8*
189279 ..... *2-4*, *2-10*
189280 ..... *2-4*, *2-10*
189282 ..... *2-4*, *2-10*
189292 ..... *1-8*
189308 ..... *6-8*
189309 ..... *6-7*
189310 ..... *6-7*
189311 ..... *6-7*
189360 ..... *6-6*
189361 ..... *6-7*
189364 ..... *6-8*
189369 ..... *6-8*
189374 ..... *6-8*
190400035 ..... *2-15*, *12-38*
190608 ..... *4-18*
191502 ..... *3-10*
191503 ..... *3-10*
191508 ..... *3-10*
191529 ..... *9-8*
191530 ..... *9-8*
191535 ..... *7-10*, *9-6*, *9-8*
191568 ..... *11-20*, *11-30*
191578 ..... *10-5*, *10-11*
191588 ..... *5-10*
191589 ..... *5-10*
191847 ..... *12-41*
191848 ..... *12-41*
191849 ..... *12-41*
191850 ..... *12-41*
192068 ..... *12-10*
192205 ..... *1-14*, *4-6*
192208 ..... *1-4*
192481 ..... *12-10*
192651 ..... *4-19*
193400 ..... *12-41*
193401 ..... *12-41*
193402 ..... *12-41*
193442 ..... *12-41*
193443 ..... *12-41*
193444 ..... *12-41*
193445 ..... *12-41*
193446 ..... *12-41*
193447 ..... *12-41*
193904 ..... *6-8*
193910 .... *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
194394 ..... *3-7*
194407 ..... *11-52*, *12-4*, *12-8*
194414 ..... *10-27*, *10-38*, *10-56*
194415 ..... *5-28*
194417 ..... *5-28*
194418 ..... *5-28*
194419 ..... *5-28*
194424 ..... *5-28*
194425 ..... *5-28*
194426 ..... *5-28*
194427 ..... *5-28*
194465 ..... *3-7*, *3-8*, *3-10*, *7-4*, *7-7*
195009 ..... *11-8*, *11-30*
195395 ..... *10-52*, *11-54*
196165 ..... *1-8*
196167 ..... *1-4*
196173 ..... *1-4*
196174 ..... *1-4*
197318 ..... *10-52*, *10-56*
197606 ..... *5-4*
197610 .... *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
197613 ..... *10-52*, *10-56*
197615 ..... *12-4*, *12-8*
197617 ..... *12-4*, *12-8*
197619 ..... *5-4*
197632 ..... *12-4*
197661 ..... *2-4*
197668 ..... *12-4*, *12-8*

197670 . . . . . *2-4*, *10-4*, *11-2*, *12-3*
198737 . . . . . *12-24*
199038 . . . . . *7-7*
199104 . . . . . *8-28*, *8-30*
199105 . . . . . *6-8*
199173 . . . . . *7-24*
199177 . . . . . *1-4*, *1-8*
199720 . . . . . *1-4*
199721 . . . . . *1-4*
199942 . . . . . *2-4*, *2-10*
199980 . . . . . *2-10*, *10-10*, *11-2*, *12-7*
199981 . . . . . *2-10*
199995 . . . . . *4-12*, *12-19*
1DM8ER . . . *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
200015 . . . . . *12-19*, *12-24*
200030 . . . . . *2-4*, *10-4*, *11-2*, *12-3*
200031 . . . . . *2-4*
200036 . . . . . *11-2*
200037 . . . . . *11-20*, *11-26*, *11-44*
200300040 . . . . . *12-38*
20-12 140140 . . . . . *6-14*
20125 . . . . . *10-52*, *11-54*
201635 . . . . . *10-14*, *10-16*, *10-18*
201642 . . . . . *8-28*, *8-30*
201643 . . . . . *8-28*, *8-30*
201644 . . . . . *8-28*, *8-30*
201645 . . . . . *8-28*, *8-30*
201650 . . . . . *8-28*, *8-30*
202094 . . . . . *11-6*, *11-9*
202099 . . . . . *11-2*, *11-6*, *11-9*
202102 . . . . . *11-2*
202103 . . . . . *11-2*
202104 . . . . . *11-2*
202105 . . . . . *11-2*
202109 . . . . . *11-9*
202111 . . . . . *11-6*
2021-12-8S *12-28*
202118 . . . . . *11-6*
202120 . . . . . *11-6*
202207 . . . . . *10-52*, *11-54*
202225 . . . . . *6-8*
202226 . . . . . *6-8*
202355 . . . . . *10-35*
2024-12-12S *6-6*, *6-14*
2024-12-8S *6-14*
2024-2-4S *11-2*
202432 . . . . . *11-20*
202578 . . . . . *1-4*
202702-10-8S *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
202702-12-12S *12-4*, *12-8*, *12-42*
202702-12-8S *12-28*
202702-6-6S *12-31*
202702-8-6S *12-28*, *12-31*
202702-8-8S *12-19*, *12-24*, *12-26*
202713-16-16S *6-8*
202930 . . . . . *4-3*, *10-27*
203102-12-12S *6-8*
203288 . . . . . *8-9*
2033-8-8S *12-26*
204100 . . . . . *8-4*, *8-6*, *8-8*
204124 . . . . . *12-4*, *12-8*
204189 . . . . . *12-41*
204194 . . . . . *11-8*, *11-26*, *11-30*
204223 . . . . . *11-6*
204225 . . . . . *11-6*
204355 . . . . . *7-14*
204358 . . . . . *7-14*
204363 . . . . . *7-14*
204671 . . . . . *8-4*, *8-6*, *8-8*
2047-12-12S *6-14*
204749 . . . . . *9-6*
204958 . . . . . *8-8*, *8-9*, *10-18*, *11-16*, *12-16*
204959 . . . . . *8-8*, *8-9*, *10-18*, *11-16*, *12-16*
205329 . . . . . *1-16*, *8-2*, *8-8*, *10-18*, *11-16*, *12-16*

205331 . . . . . *8-4*, *8-8*
205712 . . . . . *6-8*
205836 . . . . . *10-52*
205837 . . . . . *10-53*
205924 . . . . . *12-28*
2062-10-8S . *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
2062-12-12S *6-6*, *12-4*, *12-8*
2062-12-8S *12-28*
2062-16-8S *6-14*, *12-8*
2062-6-6S *12-28*, *12-31*
2062-8-6S *12-28*, *12-31*
2062-8-8S *12-10*, *12-19*, *12-24*
206900 . . . . . *7-12*
206904 . . . . . *7-12*, *12-28*, *12-31*, *12-40*
206906 . . . . . *7-10*
206907 . . . . . *7-12*
206910 . . . . . *7-12*
206911 . . . . . *7-12*
206912 . . . . . *7-14*
206913 . . . . . *7-14*
206917 . . . . . *7-10*
206919 . . . . . *7-10*
2071-8-8S . . *12-4*, *12-8*, *12-10*, *12-12*, *12-14*, *12-16*, *12-19*, *12-24*
207358 . . . . . *10-56*
208052 . . . . . *5-32*
208053 . . . . . *5-32*
208054 . . . . . *5-32*
208062 . . . . . *5-32*
208063 . . . . . *5-32*
208064 . . . . . *5-32*
208081 . . . . . *7-10*
208082 . . . . . *7-14*
208083 . . . . . *12-28*, *12-31*
208084 . . . . . *11-50*
208085 . . . . . *11-50*
2081-8-6S *8-26*, *10-22*, *10-27*
2083-12-8S *10-22*
2083-8-4S *10-31*, *10-35*, *10-52*
2083-8-8S *10-22*
208390 . . . . . *12-41*
208391 . . . . . *12-41*
208392 . . . . . *12-41*
208406 . . . . . *11-50*
208407 . . . . . *11-50*
208409 . . . . . *12-24*
208413 . . . . . *11-50*
208414 . . . . . *7-10*, *11-50*
208605 . . . . . *2-4*
208616 . . . . . *2-4*, *10-4*, *11-2*, *12-3*
208712 . . . . . *1-4*
2088-6-6S *10-22*
208883 . . . . . *7-14*
2089-6-6S *10-22*, *10-27*
2089-8-8S *10-23*
209102 . . . . . *11-52*
2092-6-6S *10-23*
209878 . . . . . *6-8*
209914 . . . . . *7-14*
210034 . . . . . *7-14*
210053 . . . . . *7-1*
210059 . . . . . *7-10*, *11-50*, *12-28*, *12-31*
210060 . *1-15*, *7-10*, *7-12*, *7-14*, *11-50*, *12-28*, *12-31*
210062 . . . . . *12-28*
210063 . . . . . *3-24*
210071 . . . . . *7-16*
210072 . . . . . *7-16*
210078 . . . . . *3-6*, *7-16*
210079 . . . . . *3-6*
210084 . . . . . *7-10*
210085 . . . . . *7-10*
210377 . . . . . *6-8*
210459 . . . . . *7-14*
211317 . . . . . *12-26*
211343 . . . . . *12-26*

212061 3-11
212062 3-11
212074 . . . . . 11-39, 11-51
212089 13-2
212093 13-2
212154 . . . . . 1-16, 8-2, 8-8, 10-18, 11-16, 12-16
212216 10-42
212224 3-11
212225 3-11
212424 5-2
212454 12-28
212785 . . . . . 11-6, 11-9
213179 11-50
213274 7-12
213275 7-10
213290 11-26
213295 . . . . . 11-8, 11-20, 11-26, 11-35, 11-39
213296 . . . . . 11-8, 11-20, 11-26, 11-35, 11-39
213297 . . . . . 11-2, 11-9, 11-20, 11-26, 11-30, 11-44
213298 . . . . 11-9, 11-20, 11-26, 11-31, 11-35, 11-39
213378 7-1
213393 7-1
213394 7-2
213395 7-2
213451 10-31
213452 . . . . . 10-31, 10-44
213453 . . . 10-31, 10-35, 10-38, 10-44, 10-46, 10-48
214104 5-2
216601 12-41
216705 10-52
2-174-010025 7-2
2-174-010029 . . . . . 7-2, 7-10, 9-8
217435 11-42
218023 11-52
218046 6-8
218060 6-8
2-181-010001 . . . . 2-5, 2-11, 4-12, 12-4, 12-8, 12-28
2-181-010001YZP 12-28
218337 4-3
218803 . . . . . 1-12, 4-3, 10-27, 10-38, 11-35, 11-9
218808 . . . . . 1-12, 4-3, 10-27, 10-38, 11-35, 11-9
218838 3-24
218839 3-24
218842 4-18
218843 4-18
218844 4-18
218845 4-18
218846 4-18
218847 4-18
220000212 12-38
220004 10-42
220271 . . . . . 2-20, 2-22
220272 . . . . . 2-20, 2-22
220301 2-22
220302 2-22
220305 . . . . . 2-4, 2-10
220306 . . . . . 2-5, 2-11
220309 13-2
220310 13-2
220692 11-52
220732 6-14
220977 6-8
221021 6-10
221103 7-12
2215-16-20S 6-6
2216-12-12S 12-42
221668 7-7
222479 . . . . . 11-6, 11-9
223077 11-46
223079 11-46
223087 . . . . . 11-9, 11-31
223089 . . . . . 11-9, 11-31
223122 . . . . . 11-9, 11-31
223128 11-9
223129 . . . . . 11-9, 11-31
223142 5-28

223145 3-2
223147 5-28
223148 5-28
223149 . . . . . 10-31, 10-35, 10-44
223150 . . . . . 10-46, 10-48
223219 6-8
223220 . . . . . 6-8, 6-14
223307 . . . . . 10-51, 11-54
224002 5-6
224003 5-6
2240-12-12S 6-6
224256 3-24
224257 3-24
224258 3-24
224300 3-10
224301 3-10
224304 . . . . . 11-6, 11-9
224325 . . . . . 11-6, 11-9
225245 11-9
225246 11-9
225252 11-8
225253 11-8
225254 11-30
225257 11-46
225261 11-20
225262 11-20
225264 11-20
225265 11-20
225266 . . . . . 11-20, 11-26, 11-39, 11-46
225267 . . . . . 1-8, 1-12, 10-31, 10-35
225268 . . . . . 1-8, 10-46, 10-48
225272 1-8
225275 9-4
225276 9-4
225277 9-4
225278 9-4
225280 9-4
225281 9-4
225282 9-4
225303 11-46
225696 . . . . . 11-6, 11-9
225698 . . . . . 11-6, 11-9
225700 . . . . . 11-6, 11-9
225760 3-10
225761 3-10
225770 . . . . . 11-6, 11-9
225798 5-26
225885 10-42
225887 10-56
225938 1-4
225956 . . . . . 5-18, 5-20, 5-22, 5-24
225958 . . . . . 5-22, 5-24
225960 . . . . . 5-22, 5-24
225966 11-46
225969 5-22
225970 5-22
225976 . . . . . 8-28, 8-30
226416 . 1-15, 7-10, 7-12, 7-14, 11-50, 12-28, 12-31
226650 10-42
226651 10-42
226652 10-42
226653 10-42
226654 10-42
226655 10-42
226658 10-42
226662 10-42
226904 . . . . . 5-18, 5-20
226905 . . . . . 5-18, 5-20
226906 5-18
226907 5-18
226909 5-22
226910 . . . . . 5-22, 5-24
226911 5-22
226912 5-6
226975 10-42
226980 . . . . . 10-5, 10-11

226993 . *3-2*, *3-8*, *5-28*, *10-22*, *10-31*, *10-35*, *10-51*, *11-20*, *11-26*, *11-44*
227010 . . . . . *10-46*, *10-48*
227018 . . . . . *10-22*, *10-31*, *10-35*, *11-54*
227044 . . . . . *5-30*, *10-46*, *10-48*
227046 . . . . . *1-8*
227056 . . . . . *10-22*
227522 . . . . . *10-51*
227523 . . . . . *10-42*
227526 . . . . . *1-8*
227527 . . . . . *1-4*, *1-8*
227529 . . . . . *1-4*
227530 . . . . . *1-8*
227811 . . . . . *11-9*, *11-31*
228002 . . . . . *11-46*
228069 . . . . . *10-53*, *10-56*
228612 . . . . . *4-14*
228613 . . . . . *11-42*, *12-24*
228614 . . . . . *4-14*
228615 . . . . . *4-6*, *12-26*
228617 . . . . . *3-24*
228622 . . . . . *7-20*, *12-26*
228639 . . . . . *4-6*
228646 . . . . . *7-21*
228647 . . . . . *7-21*
228655 . . . . . *7-20*, *12-26*
228656 . . . . . *7-20*, *12-26*
228657 . . . . . *7-20*, *12-26*
228658 . . . . . *1-14*, *4-6*, *11-39*
228659 . . . . . *1-14*, *4-6*, *11-39*
228663 . . . . . *4-14*
228664 . . . . . *7-24*
228665 . . . . . *7-24*
228666 . . . . . *7-24*
228667 . . . . . *7-24*
228668 . . . . . *1-14*, *12-23*
228669 . . . . . *1-14*, *4-14*, *11-42*, *12-23*
228671 . . . . . *7-18*
228672 . . . . . *7-18*
228673 . . . . . *7-18*
228704 . . . . . *12-24*
228705 . . . . . *7-21*, *12-26*, *12-39*
228707 . . . . . *7-21*
228891 . . . . . *5-18*, *5-20*, *5-22*, *5-24*
228952 . . . . . *5-26*
228958 . . . . . *6-7*
229179 . . . . . *11-6*
229494 . . . . . *11-52*
230052 . . . . . *13-4*
230053 . . . . . *13-4*
230060 . . . . . *3-2*
230063 . . . . . *10-22*, *11-54*
230093 . . . . . *3-18*
230104 . . . . . *3-18*
230190 . . . . . *3-18*
230573 . . . . . *10-22*, *11-54*
230575 . . . . . *3-18*
230579 . . *3-2*, *3-8*, *5-28*, *10-22*, *10-31*, *10-35*, *10-51*, *11-20*, *11-26*, *11-44*
230610 . . . . . *5-18*, *5-20*, *5-22*, *5-24*, *5-26*
230613 . . . . . *10-52*, *11-54*
231421 . . *3-2*, *3-8*, *5-28*, *10-22*, *10-51*, *11-20*, *11-26*, *11-44*, *11-54*
231922 . . . . . *7-18*
231923 . . . . . *5-22*
231924 . . . . . *5-18*, *5-20*, *5-22*
231925 . . . . . *5-18*, *5-22*
231926 . . . . . *5-18*, *5-22*
231927 . . . . . *5-18*, *5-22*
231928 . . . . . *5-22*
232033 . . . . . *6-8*
232034 . . . . . *6-8*
232151 . . . . . *7-10*
232152 . . . . . *7-10*
232153 . . . . . *7-14*
232154 . . . . . *7-14*

232155 7-10
232156 7-10
232157 7-10
232158 7-10
232509 5-28
232591 10-42
232592 10-22
232596 7-16
232597 7-16
232716 3-12
232717 3-3
232768 5-26
232774 5-26
232775 5-26
232776 5-26
233126 ..... 7-20, 7-24
233127 ..... 7-20, 7-24
233128 ..... 7-20, 7-24
233129 ..... 7-20, 7-24
233138 3-24
233139 3-24
233140 3-24
233141 3-24
233142 3-24
233143 3-24
233144 3-24
233145 3-24
233148 10-57
233190 12-39
233194 ..... 1-14, 11-42
233196 ..... 7-21, 7-24
233400 ..... 11-9, 11-31
233682 11-6
233683 11-6
233684 11-6
233900 3-24
233901 3-24
234682 4-6
234687 ..... 4-6, 12-26
234701 ..... 11-51, 11-52
234702 11-52
234703 11-51
235221 5-6
235222 5-6
235567 11-52
235660 7-17
235661 7-17
235683 ..... 2-5, 2-11, 10-4, 10-10, 10-57
235684 11-8
235685 11-8
235747 11-26
236100 3-24
236101 3-24
236102 3-24
236103 3-24
236475 5-6
236476 5-6
236497 5-6
236498 5-6
236499 5-6
236500 5-6
236501 5-6
236503 5-7
236504 5-7
236533 12-10
236537 5-7
236543 2-14
236560 ..... 10-4, 10-10
236569 5-18
236892 12-31
236893 12-31
236895 12-31
237-2308-012 11-8
238029 3-3
238032 7-18
238033 7-18

238035 3-12
238166 12-31
238202 . . . . . 1-15, 7-10
238235 4-19
238237 4-19
238503 7-14
238504 7-14
238505 7-10
238506 7-10
238554 5-6
238555 5-6
238556 5-6
238557 5-7
238565 . . . . . 5-18, 5-20, 5-22, 5-24
238620 11-6
238627 11-6
238634 12-42
238643 12-40
238644 12-40
238645 12-40
238646 12-40
238647 12-40
238648 12-40
238649 12-40
238650 12-40
238651 12-40
238652 12-40
238653 12-40
238654 12-40
238806 5-28
239029 . . . . . 11-9, 11-31
239066 9-6
239070 9-6
239140 9-6
239141 9-6
239164 10-44
239165 . . . . . 1-8, 10-35, 10-44
239180 4-19
239182 9-6
239-3650-1 11-54
239-4890-3 11-50
239677 . . . . . 6-6, 6-14, 12-4, 12-7, 12-42
239678 . . . . . 6-6, 6-14, 12-4, 12-8, 12-42
239679 . . . . . 6-6, 6-14, 12-4, 12-8, 12-42
239680 . . . . . 6-7, 6-14, 12-4, 12-8, 12-42
239692 . . . . . 2-15, 12-10
239705 12-42
239740 . . . . . 8-4, 8-13, 10-14, 11-12, 12-12
239745 . . . . . 8-4, 8-19, 10-14, 11-12, 12-12
239780 . . . . . 2-5, 2-11, 10-4, 10-10, 10-57
239-8113-36 11-50
239831 3-16
239842 11-8
239-9961 11-46
240051 . . . . . 10-4, 10-10
240096 5-18
240097 . . . . . 5-18, 5-20
240098 5-18
240099 5-18
240101 5-18
240102 10-35
240141 . . . . . 5-28, 10-35
240507 6-14
240526 . . . . . 8-6, 8-22, 10-16, 11-14, 12-14
240528 8-26
240545 8-6
240571 8-4
240572 8-4
241201 12-8
241202 12-8
242615 . . . . . 2-4, 2-10
242727 8-6
242730 . . . . . 1-16, 8-6, 10-16, 11-14, 12-14
243358 . . . . . 1-12, 4-3
243586 9-1
243587 9-1

243588 9-1
243589 9-1
243590 9-1
244222 ..... 11-9, 11-31
244223 ..... 11-9, 11-31
244228 ..... 11-9, 11-31
244331 ..... 11-9, 11-31
244332 ..... 11-9, 11-31
244333 ..... 11-9, 11-31
244561 11-9
244563 11-9
245567 ..... 1-16, 8-2, 8-4, 10-14, 11-12, 12-12
247866 8-26
247867 8-26
247868 8-26
247869 8-26
247870 8-26
247871 ..... 8-22, 8-26
247872 8-26
247873 8-26
247874 8-26
247875 8-26
247876 8-26
247877 8-26
247878 8-26
247879 8-26
247880 8-26
247881 8-26
247882 8-26
247883 8-26
247884 8-26
247885 8-26
247886 8-26
247887 ..... 8-23, 8-26
247888 8-26
247889 8-26
247890 8-26
247891 8-22
247892 8-22
247893 8-22
247894 8-22
247895 8-22
247896 8-22
247897 8-22
247898 8-22
247899 8-22
247900 8-22
247901 8-22
247902 8-22
247903 8-22
247904 8-22
247905 8-22
247906 8-22
247907 8-22
247908 8-22
247909 8-22
247910 8-22
247911 8-22
247912 8-22
247913 8-22
247914 8-22
247915 8-22
247916 8-22
247917 8-22
247918 8-22
247919 8-22
247920 8-22
247921 8-22
247922 8-22
247923 8-22
247924 8-22
247925 8-23
247926 8-23
247927 8-23
247928 8-23
247929 8-23

247930 8-23
247931 8-23
247932 8-23
247933 8-13
247934 8-14
247935 . . . . . 8-14, 8-20
247936 8-14
247937 8-13
247938 . . . . . 8-13, 8-19
247939 . . . . . 8-13, 8-19
247940 8-13
247941 8-13
247942 . . . . . 8-13, 8-19
247943 8-13
247944 8-13
247945 . . . . . 8-13, 8-19
247947 . . . . . 8-28, 8-30
247948 . . . . . 8-28, 8-30
247949 . . . . . 8-28, 8-30
247950 . . . . . 8-28, 8-30
247951 . . . . . 8-28, 8-30
248139 11-31
2481X 6-8
248263 3-2
248264 8-13
248265 8-13
248266 8-13
248267 8-13
248268 8-13
248269 . . . . . 8-13, 8-19
248270 . . . . . 8-13, 8-19
248271 . . . . . 8-13, 8-19
248272 . . . . . 8-13, 8-19
248273 8-13
248274 8-13
248275 . . . . . 8-13, 8-19
248276 . . . . . 8-13, 8-19
248277 . . . . . 8-13, 8-19
248278 . . . . . 8-13, 8-19
248279 . . . . . 8-13, 8-19
248280 . . . . . 8-13, 8-19
248281 . . . . . 8-13, 8-19
248282 . . . . . 8-13, 8-19
248283 . . . . . 8-13, 8-19
248284 . . . . . 8-13, 8-19
248285 8-13
248286 . . . . . 8-13, 8-19
248287 8-13
248288 8-13
248289 8-13
248290 8-13
248291 8-13
248293 8-13
248294 8-13
248295 8-13
248296 8-13
248297 8-13
248298 8-14
248299 8-13
248300 8-14
248301 8-14
248302 8-14
248303 8-14
248304 8-14
248305 8-14
248306 8-14
248307 8-14
248308 8-14
248309 8-14
248310 8-14
248311 8-19
248312 8-19
248313 8-19
248314 8-19
248315 8-19
248316 8-19

248317 8-19
248318 8-19
248319 8-19
248320 8-19
248321 8-19
248322 8-19
248323 8-19
248324 8-19
248325 8-19
248326 8-19
248327 8-19
248328 8-19
248329 8-19
248330 8-19
248331 8-19
248332 8-19
248333 8-19
248334 8-19
248335 8-19
248336 8-20
248337 8-20
248338 8-20
248339 8-20
248340 8-20
248341 8-20
248344 8-20
248345 8-19
248346 8-20
248347 8-20
248348 8-20
248349 8-20
248350 8-20
248351 8-20
248352 8-20
248353 8-20
248578 8-15
248579 8-14
248580 . . . . . 8-14, 8-20
248581 . . . . . 8-14, 8-20
248582 . . . . . 8-14, 8-20
248583 . . . . . 8-14, 8-20
248584 . . . . . 8-14, 8-20
248585 . . . . . 8-14, 8-20
248586 . . . . . 8-14, 8-20
248587 . . . . . 8-14, 8-20
248588 . . . . . 8-14, 8-20
248589 . . . . . 8-14, 8-20
248590 . . . . . 8-14, 8-20
248591 . . . . . 8-14, 8-20
248592 . . . . . 8-14, 8-20
248593 . . . . . 8-14, 8-20
250851 5-24
250852 5-20
250853 5-20
250854 5-24
250866 5-24
250886 5-20
250890 5-20
250891 5-20
250892 5-20
251165 8-15
251166 8-20
251169 5-24
251219 . . . . . 5-6, 11-44
251242 8-20
252300 5-24
252309 . . . . . 5-20, 5-24
252310 . . . . . 5-20, 5-24
252311 5-24
252312 5-24
2-557-010054 2-15
2-573-010037 . . . . . 1-12, 1-14, 4-12, 4-14
2-573-010330-04 . . . . . 1-8, 1-9, 1-12, 11-6, 11-9
2-573-010335 . . . . . 1-4, 1-14, 1-15, 4-6, 7-10, 7-14
2-720-010006 . . . . . 2-4, 2-10
2-720-010007 . . . . . 2-4, 2-10

2J084 ..... *5-18*, *5-22*
3/8P COUPL *6-6*
3067 ..... *5-4*
3-120-010124 ..... *6-6*
3-120-010445 ..... *10-4*, *10-10*, *10-40*
3-155-010018-6 ..... *8-4*, *8-6*, *8-8*
3-162-010001 ..... *6-6*, *6-14*
3-174-010018028 ..... *7-20*, *7-24*
3-174-010038 ..... *8-4*, *8-6*, *8-8*
3-174-010039036 ..... *8-4*, *8-6*, *8-8*
3-174-010059 ..... *8-4*, *8-8*
3-174-010060036 ..... *8-4*, *8-8*
3-181-010006 ..... *10-4*, *10-10*
3-181-010034-1 .. *5-11*, *5-15*, *5-18*, *5-20*, *5-22*, *5-24*
3-181-010034-2 ..... *5-11*, *5-15*
3-182-010028 ..... *6-6*
3-201-010002 ..... *11-21*, *11-26*
3-220-010004 ..... *10-23*, *10-31*, *10-35*, *10-52*
3-220-010005 ..... *10-27*, *10-38*, *10-56*
3-238-010007 ..... *10-4*, *10-10*
3-311-015001 ..... *3-16*
3-316-010008 ..... *6-6*
3-368-010252 ... *11-12*, *11-14*, *11-16*, *11-20*, *11-26*, *11-42*, *11-46*
3-399-010001 ..... *6-14*
3-443-010018 ..... *6-6*
346SL *3-18*
3-485-010001 ..... *3-13*, *4-3*
3-557-010052 ..... *7-21*
3-557-010273 ..... *2-14*
3-561-010001 ..... *6-14*
3-573-010210 ..... *1-8*
3-573-010298 ..... *1-4*
3-573-010299 ..... *1-16*, *8-4*, *8-6*, *8-8*
3-573-010377 .. *1-4*, *1-8*, *1-12*, *1-14*, *4-6*, *7-20*, *7-24*
3-573-010496 ..... *1-12*, *2-14*, *4-3*
3-591-010001 ..... *6-14*
3-654-010129-2 ..... *3-6*, *3-7*, *3-8*
3-659-010012 ..... *5-4*
3-707-010001 ..... *7-2*, *7-4*, *7-10*, *9-8*
3-720-010075 ..... *2-5*, *2-11*
3-720-010084 ..... *7-4*
3-762-010017 ..... *2-20*, *2-22*, *3-13*, *4-3*
3-765-010050 ..... *6-7*
3-780-010002 ..... *4-3*, *10-23*, *10-27*
3-793-010040 ..... *9-12*
3-793-010041 ..... *9-12*
3-798-010023 ..... *5-32*
3-798-010026 ..... *5-32*
3-870-010107 ..... *5-4*, *5-7*
3-870-010110 ..... *5-32*
3F843-010034 ..... *5-28*
3P257 ..... *7-14*
40-0667-02 ..... *6-6*
4009 ..... *5-4*, *5-6*
40-0917-10 ..... *11-46*
40-0917-20 ..... *11-50*
405129 ..... *5-2*
405999-001 ..... *5-2*
408101-001 ..... *5-2*
43029 ..... *11-9*, *11-21*, *11-26*
456008 ..... *8-22*, *8-26*
481-00-225 ..... *5-28*
494002 ..... *8-23*, *8-26*
5/16-18X1-1/2EB *7-2*, *7-4*
50013-114 ..... *12-28*
50013-33 ..... *12-28*, *12-31*
51032-19 ..... *12-31*
51134-08 ..... *12-28*
51134-10 ..... *12-31*
514-9045-12 ..... *11-50*
514-9045-30 ..... *6-6*
514-9073-30 ..... *6-6*
516-22PTL *2-5*, *2-11*, *4-7*, *4-10*, *7-7*, *8-2*, *9-10*, *11-9*, *11-31*, *13-3*
5210 ..... *11-2*

55B61 . . . . . *10-4*, *10-10*
55B61-6 . . . . . *10-4*, *10-10*, *10-23*
55B61-7 . . . . . *10-4*, *10-10*, *10-23*
56D4 . . . . . *10-23*, *10-27*
620-0849 . . . . . *12-31*
620-0887 . . . . . *12-4*, *12-8*
620-6940-003 . . . . . *11-50*
620-6940-004 . . . . . *11-50*
622-3511-008 . . . . . *2-5*, *2-11*
6828 . . . . . *6-14*
758-181 . . . . . *10-23*
7HCGHT500 . . . . . *8-4*, *8-6*, *8-8*
805-2 . . . . . *4-3*, *10-23*, *10-27*
81264 *11-3*, *11-9*, *11-12*, *11-14*, *11-16*, *11-20*, *11-26*, *11-35*, *11-39*, *11-42*, *11-46*
85G816E *6-8*
900-08-139 . . . . . *5-14*
900 23 002 . . . . . *5-14*
900-44-162 . . . . . *5-10*, *5-14*, *5-25*
900 54 007 . . . . . *5-28*, *10-31*, *10-44*
900598-12S *6-8*, *12-28*
905-54-107 . . . . . *5-28*, *10-5*, *10-10*, *10-31*, *10-35*
930 03 597 . . . . . *5-10*, *5-14*
934 00 149 . . . . . *5-10*, *5-14*
934-00-367 . . . . . *5-25*
934 00 492 . . . . . *5-25*
934-00-492 . . . . . *5-10*
934 00 498 . . . . . *5-10*, *5-14*
936 00 077 . . . . . *5-10*, *5-14*
936 00 162 . . . . . *5-10*, *5-14*
9-630-010009 . . . . . *2-11*

B

B1821BH050C250N *8-8*

C

C3069X12 . . . . . *6-14*
CH545 . . . . . *9-4*

H

HEHM240 . . . . . *11-54*
HM212011 . . . . . *5-4*, *5-6*
HM212049 . . . . . *5-4*, *5-6*
HM218210 . . . . . *5-4*, *5-6*
HM218248 . . . . . *5-4*, *5-6*

K

K71-136-00 . . . . . *5-2*

M

MS16995-95 . . . . . *8-22*, *8-26*

R

RWD39000 . . *3-10*, *3-12*, *7-4*, *7-7*, *7-16*, *7-18*, *7-20*, *7-24*
RWD39021 . . . . . *7-4*, *7-7*
RWD39062 . . . . . *3-6*, *3-7*, *3-8*

W

W908406-4 . . . . . *5-25*, *7-14*
W908409-4 . . . . . *9-1*

Instructions for Ordering Parts

**** Repair parts must be ordered through an Authorized Dealer ****

DEALER INSTRUCTIONS FOR ORDERING PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

Phone #: 800-423-4320 or 785-562-5381 **Fax #: 888-527-3909**

Order online: dealer.landoll.com

DATA PLATE

The Data Plate, which lists the model number and serial number, is located on the front of the frame.

SERIAL NUMBER

The following information will help decode the serial number.

AAABBBCDEFGHJJJJJ

AAA	= world manufacturer identifier
BBB	= model
C	= length
D	= axle type
E	= federal check digit

F	= model year
G	= plant of manufacture
H	= model version
JJJJJ	= serial number

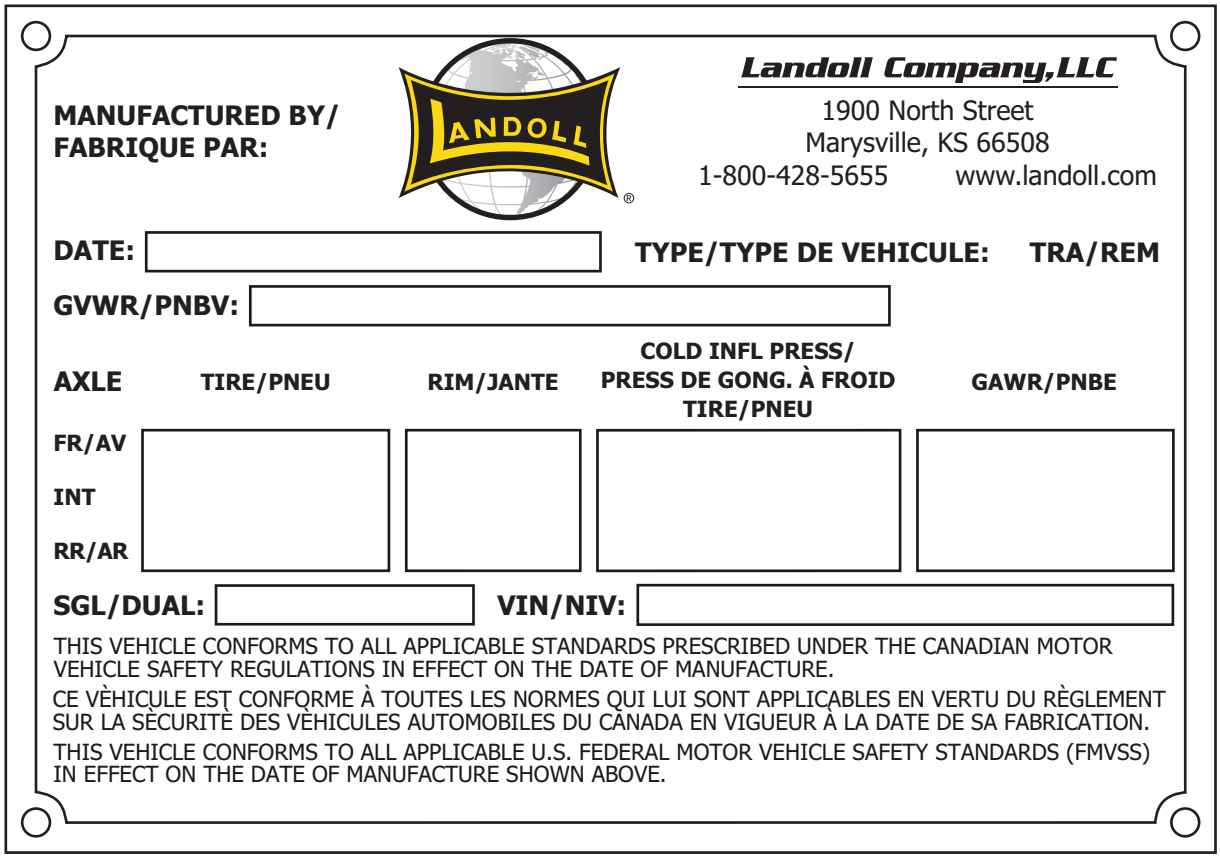


Figure: Data Plate

Manuals for 855F / 860F Detachable Semitrailer

Manual Number	Manual Type
F-1122	Operator's Manual
F-1123	Parts Manual

Document Control Revision Log:

Date	Form #	Improvement(s): Description and Comments
01/27/2022	F-1123-0122	New Release
10/27/2022	F-1123-1022	ECN Updates
11/02/2023	F-1123-2311	Updated the manual with ECN's, corrections, updates and new winch accessories.
12/16/2024	F-1123-2412	Updated the manual with ECN's, corrections, updates.
11/04/2025	F-1123-2511	Updated the manual with ECN's, corrections, updates.

Equipment from Landoll Company, LLC is built to exacting standards ensured by ISO 9001:2015 registration at all Landoll manufacturing facilities.

855F / 860F

Parts Manual

Re-Order Part Number F-1123

LANDOLL COMPANY, LLC
1900 North Street
Marysville, Kansas 66508
(785) 562-5381
800-428-5655 ~ WWW.LANDOLL.COM

Copyright 2026. Landoll Company, LLC
"All rights reserved, including the right to reproduce this material or portions thereof in any form."