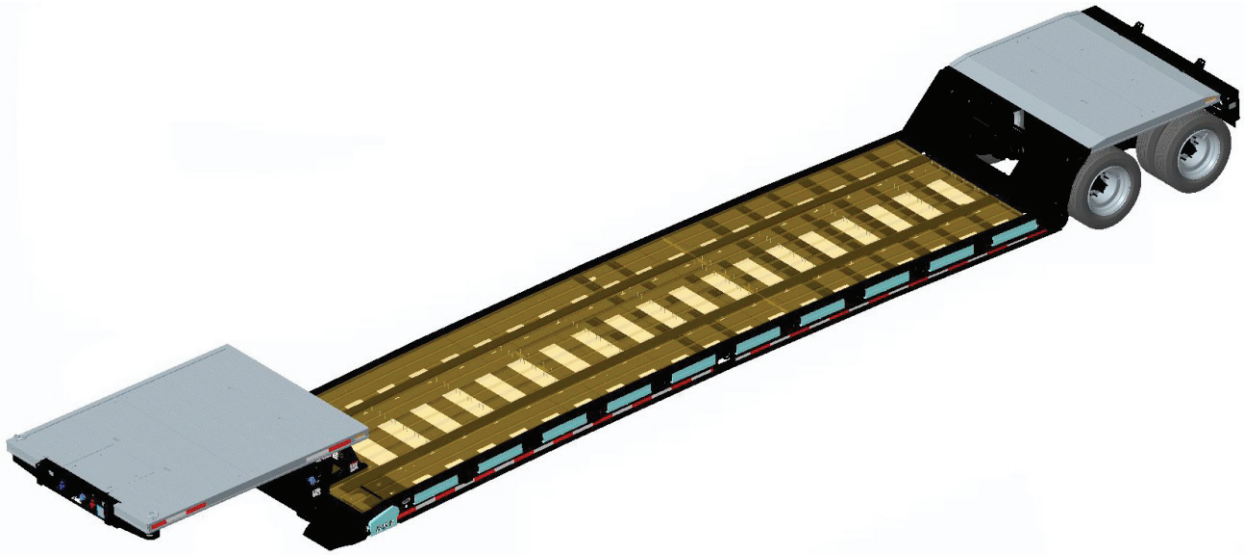
825F / 835F / 840F / 845F
Detachable Semitrailer
Parts Manual



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

Instructions for Ordering Parts

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

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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

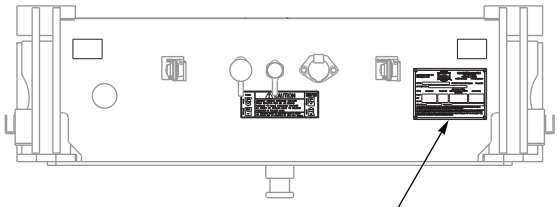
The Following information will help decode the trailer serial number

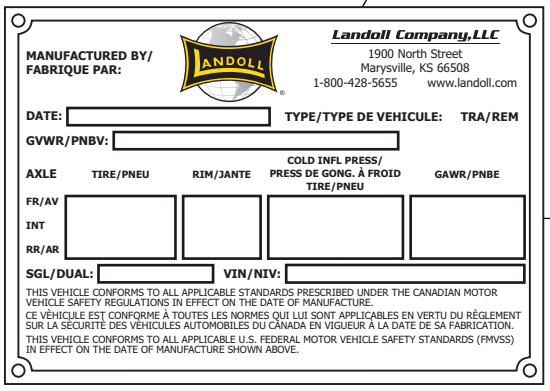
AAABBBCDEFGHJJJJJ

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

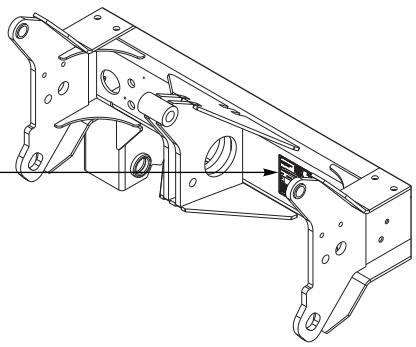
F	= model year
G	= plant of manufacture
H	= model version
JJJJJ	= serial number

VIEW FROM FRONT OF GOOSENECK ASSEMBLY
(HEAVY ASSEMBLY SHOWN)





VIEW FROM STREETSIDE FRONT OF FLIP ASSEMBLY
(IF EQUIPPED WITH THE FLIP AXLE OPTION.)



NOTE: THE MODEL AND SERIAL NUMBERS OF THE
FLIP AXLE ASSEMBLE ARE DIFFERENT THAN THE TRAILER

Figure: Data Plate and Location

Manuals for 825F-835F-840F-845F Detachable Semitrailer

Manual Number	Manual Type
F-1093	Operator's Manual
F-1094	Parts Manual

Table of Contents

1 Decal Placement

Gooseneck Assembly, Standard / Heavy Duty 1-1
Gooseneck Bed Assemblies (Option) 1-5
Frame Assembly, AG 1-7
Frame, Flip Axle Assembly (Option) 1-11
Frame Bed Assemblies (Option) 1-13
Frame Grease System 1-15
Ramp, Front Power (Option) 1-16
Suspension, Air Dump (Option) 1-17
Winch Assemblies (Option) 1-18

2 Gooseneck Assembly

Gooseneck Components, 10' 9" & 12' Standard Duty, 825 / 835 2-1
Gooseneck Components, 12' Heavy Duty, 835HD / 845HD 2-7
Gooseneck Flip Extension, 835HD / 845HD (Option) 2-13
Bed Assembly, Aluminum Bolt-On (Options) 2-15
Bed Assembly, Wood Bolt-On (Options) 2-19
Bed Assembly, Steel Bolt-On (Options) 2-21
Bed Assembly, Steel Weld-On (Options) 2-25
Bulkhead Assemblies (Options) 2-27
Cover Assembly, Aluminum (Option) 2-29
Mud Flap Assembly, Gooseneck (Option) 2-31
Mud Flap and Fender Assembly, Gooseneck (Options) 2-33

3 Trailer Assembly

Control Box Assemblies, Suspension and Scale, AG 3-1
Covers, Trunnion Slope Assembly (Option) 3-3
Decking, Center Section, Wood (Option) 3-5
Decking, Track Section, Wood 3-6
Bed, Trunnion, Alum. 2 Axle (Options) 3-7
Bed, Trunnion, Alum. 2 Axle, Cutout & Trough Cover (Options) 3-9
Bed, Trunnion, Alum. 3 Axle (Options) 3-11
Bed, Trunnion, Wood, 2 Axle (Options) 3-13
Bed, Trunnion, Wood, 2 Axle, Cutout & Trough Cover (Options) 3-14
Bed, Trunnion, Wood, 3 Axle (Options) 3-15
Mud Flap Assemblies, Rear Bumper 3-17
Pullout Extensions, 835-30 (Option) 3-19
Pullout Extensions, 835-32 (Option) 3-20
Pullout Extensions, 840-30 (Option) 3-21
Pullout Extensions, 840-32 (Option) 3-22
Pullout Extensions, 845F-32 (Option) 3-23
Pullout Extensions, HD835F-26 (Option) 3-24

4 Flip Axle Assembly (Option)

Flip Axle Assembly, 835 / 845AG 4-1
Pivot Pins, Manual (Option) 4-5
Pivot Pins, Spring Back (Option) 4-7
Bed Assemblies, Aluminum (Option) 4-9
Hydraulic Flip Assembly 835 / 845AG (Option) 4-13
Wheel Covers, One-Piece, Steel (Option) 4-15

5 Suspension Assembly

Axle 16.50 x 7.00 Drum Brake Components 5-1
Axle 16.50 x 7.00 Drum & Hub Components 5-3
Axle 16.50 Disc Brake & 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-9.0RLY 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, LSS-25K-9.0 (Option) 5-25
Shock Strap, Limit, RLU 250-9-4 (Option) 5-26
Suspension, Ride Height Control, 1/4" (Before 10/2023) 5-27
Suspension, Ride Height Control, 3/8" (After 10/2023) 5-29
Suspension, Axle Air Lift (Option) 5-31
Tire and Wheel Assemblies, 22.5 X 8.25 Rim 5-33

6 Power Unit, Hydraulic (Options)

Engine Assembly, Honda 11HP, Gasoline 6-1
Engine Assembly, Honda 11HP, Mount 6-5
Engine Assembly, Honda 11HP, Mount Cover 6-7
Engine Assembly, Kohler 25HP EFI, Gasoline 6-9
Engine Assembly, Kohler 25HP, Mount 6-17
Wet Kit, Tractor Hydraulic 6-19

7 Ramp Assemblies

Front Pullout Extension, Filler 7-1
Front, Power Ramp (Option), Covers & Mounting Hardware 7-3
Front, Power Ramp (Option), Drive System 7-7
Front, Power Ramp (Option), Lift System 7-9
Rear 66" Trunnion (Option) 7-11
Rear 66" Trunnion Brackets, Full Width (Option) 7-13
Rear 66" Trunnion Brackets, Fender Width (Option) 7-14
Rear 70" Trunnion (Option) 7-15
Ramp Support Assembly (Option) 7-16

8 Retrieval System (Options)

Anchor Installation, Rear Bumper 8-1
Gooseneck, Winch Installation, Braden 12K / 20K, 1 Speed 8-3
Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed 8-5

Gooseneck, Winch Installation, Ramsey 20K / 30K, 2 Speed 8-7
Gooseneck, Winch Installation, Warn 20K / 30K, 2 Speed 8-9
Winch Assembly, Braden 12K / 20K, 1 Speed 8-11
Winch Assembly, Warn 20K / 30K, 2 Speed 8-13
Winch Components, Braden 12K, 1 Speed 8-15
Winch Components, Braden 20K, 1 Speed 8-19
Winch Components, Braden 12K / 20K, 1 Speed, Motor 8-22
Winch Components, Braden 20K, 2 Speed 8-23
Winch Components, Braden 30K, 2 Speed 8-29
Winch Components, Ramsey 20K, 2 Speed 8-33
Winch Components, Ramsey 30K, 2 Speed 8-37
Winch Components, Warn 20K, 2 Speed 8-39
Winch Components, Warn 30K, 2 Speed 8-41

9 Storage and Tie Down (Options)

Storage, Bulkhead, Chain and Spare Tire (Option) 9-1
Storage, Gooseneck Carrier, Rack, Chain & Binder (Option) 9-2
Storage, Gooseneck Toolbox, Curbside 24H X 22D X 14W (Option) 9-3
Storage, Frame, Center Covers (Option) 9-5
Storage, Frame, Deck (Option) 9-6
Tie Down, D-Ring Bolt On (Options) 9-7

10 System, Air

Gooseneck Assembly, 10' 9" & 12' Standard Duty 10-1
Gooseneck, 12' Heavy Duty 10-7
Gooseneck, Load Carrier, Auxiliary Elect / Air (Option) 10-11
Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed (Option) 10-13
Gooseneck, Winch Installation, Ramsey 20K / 30K, 2 Speed (Option) 10-15
Gooseneck, Winch Installation, Warn 20K / 30K, 2 Speed (Option) 10-17
Anti-Lock Brakes, 825AG 2 Axle 10-19
Anti-Lock Brakes, 835 / 845AG 2 Axle 10-23
Anti-Lock Brakes, 845AG 3 Axle 10-27
Anti-Lock Brake System, Flip Axle Assembly (Option) 10-31
Control, Ride Height, 825AG 2 Axle, 1/4" (Before 10/16/2023) 10-35
Control, Ride Height, 825AG 2 Axle, 3/8" (After 10/16/2023) 10-37
Control, Ride Height, 835 / 845AG 2 Axle, 1/4" (Before 09/11/2023) 10-39
Control, Ride Height, 835 / 845AG 2 Axle, 3/8" (After 09/11/23) 10-41
Control, Ride Height, 845AG 3 Axle, 1/4" (Before 10/10/2023) 10-43
Control, Ride Height, 845AG 3 Axle, 3/8" (After 10/10/2023) 10-47
Control, Air Suspension Height, Flip Axle Assembly (Option) 10-51
Scale, Air Pressure Gauge Assembly (Option) 10-53
Scale, Digital, Loadmaxx Plus & Quickload Plus (Option) 10-55
Suspension, Air Dump (Option) 10-57
Suspension Lift, 1st / 3rd Axle (Option) (Before 12/01/2023) 10-59
Suspension Lift, 1st / 3rd Axle (Option) (After 12/01/2023) 10-61
Suspension Lift, 3rd Axle (Option) (Before 12/01/2023) 10-63
Suspension Lift, 3rd Axle (Option) (After 12/01/2023) 10-65
Tire Inflation System, 2 Axle Drum 825AG (Option) 10-67

Tire Inflation System, 2 Axle Drum 835 / 845AG (Option) 10-71
Tire Inflation System, 3 Axle Drum 845AG (Option) 10-75
Tire Inflation System, Flip Axle Drum (Option) 10-79
Cylinder Components, Gooseneck Load Carrier, 1-3/4 10-81

11 System, Electrical

Gooseneck Assembly, Standard Duty / Heavy Duty 11-1
Gooseneck, Load Carrier, Auxiliary Elect / Air (Option) 11-3
Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options) 11-5
Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed (Option) 11-11
Gooseneck, Winch Installation, Ramsey 20K / 30K, 2 Speed (Option) 11-13
Gooseneck, Winch Installation, Warn 20K / 30K, 2 Speed (Option) 11-15
Frame, Lights, Non-Axle Flip Bumpers (Before 03/01/2022) 11-17
Frame, Lights, Non-Axle Flip Bumpers (After 03/01/2022) 11-21
Frame, Lights, Axle Flip Bumpers (Before 03/01/2022) 11-25
Frame, Lights, Axle Flip Bumpers (After 03/01/2022) 11-31
Frame, Trunnion Lights, Pullout Markers (Option) 11-37
Flip Axle, Harness and Lights, 835 / 845AG (Option) 11-41
Anti-Lock Brake & Power Supply 11-45
Bumper Strobe Battery Backup (Option) 11-47
Light Assembly, License Plate 11-49
Ramp Assembly, Front Power (Option) 11-51
Remote Control, Wireless, Brand (Option) 11-53
Remote Control, Kit Components, Brand (Option) 11-54
Tire Inflation System (Option) 11-55

12 System, Grease

Gooseneck, Standard Duty / Heavy Duty 12-1
Frame, Axle Drum Brake Camshafts, 2 Axle 12-3
Frame, Axle Drum Brake Camshafts, 3 Axle 12-7
Frame, Flip Axle Drum Brake Camshafts 12-11

13 System, Hydraulic

Gooseneck, Standard Duty / Heavy Duty 13-1
Gooseneck, Winch Installation, Braden 12K / 20K, 1 Speed (Option) 13-5
Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed (Option) 13-7
Gooseneck, Winch Installation, Ramsey 20K / 30K, 2 Speed (Option) 13-9
Gooseneck, Winch Installation, Warn 20K / 30K, 2 Speed (Option) 13-11
Flip Axle, Hydraulic Flip, 835 / 845AG (Option) 13-13
Ramp Assembly, Front Power (Option) (Before 12/16/2021) 13-17
Ramp Assembly, Front Power (Option) (After 12/16/2021) 13-19
Cylinder Components, Gooseneck Standard Duty 6 x 30 13-22
Cylinder Components, Gooseneck, Heavy Duty 7 x 34 (Carlson) 13-23
Cylinder Components, Gooseneck, Heavy Duty 7 x 34 (Prince) 13-24
Cylinder Components, Frame Flip Axle 4 x 20 (Option) 13-25
Cylinder Components, Ramp, Power 2 x 8 (Option) 13-27
Valve Components, 3 Spool Solenoid 13-28
Coupler Kit, Hydraulic, Replacement & Repair 13-29

14 Safety Systems

Banners, Flags, Warning Lights (Options) 14-1

15 Glossary

16 Index

Decal Placement

Gooseneck Assembly, Standard / Heavy Duty

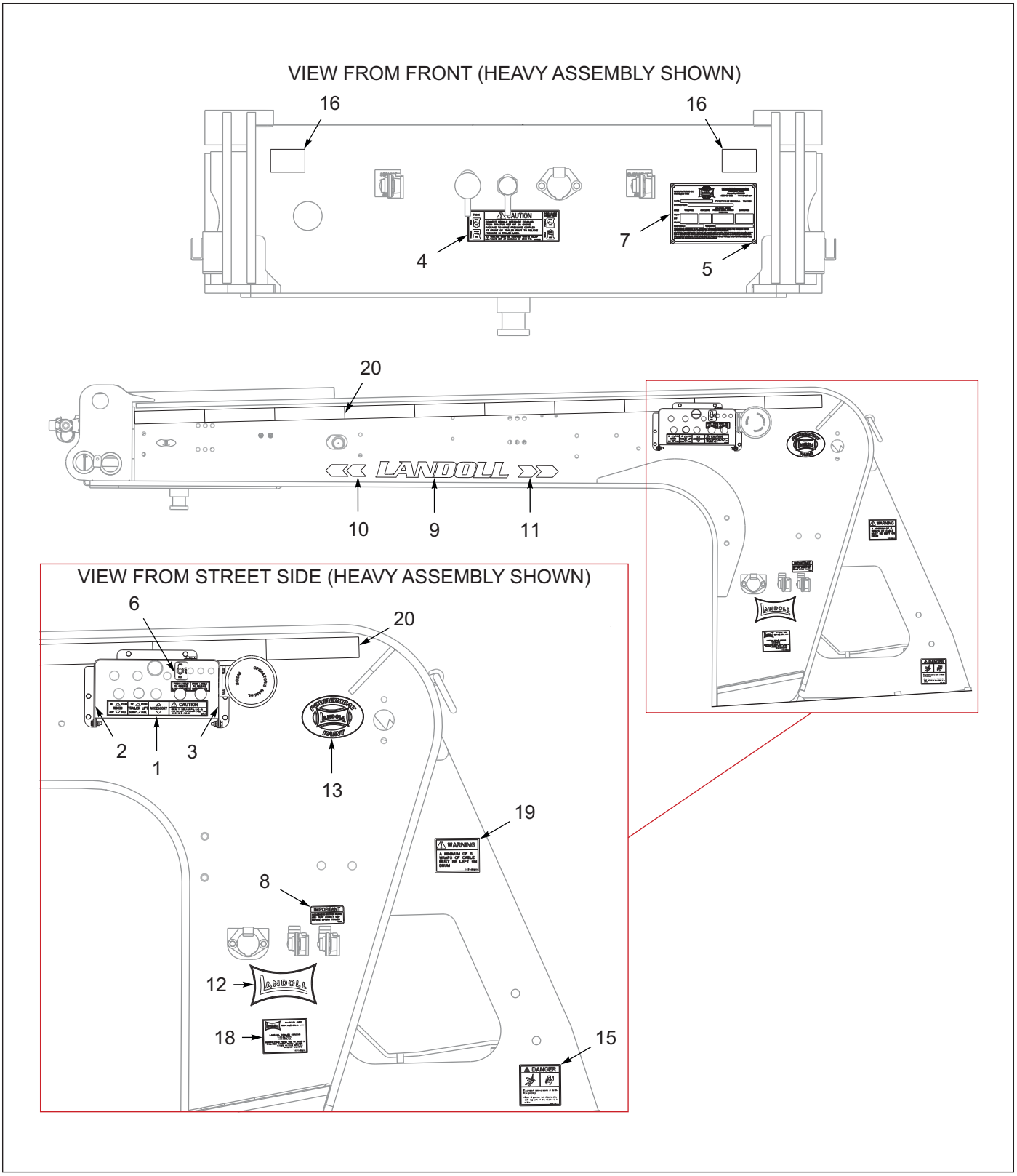


Figure 1-1: Gooseneck Assembly, Standard / Heavy Duty (1 of 4)

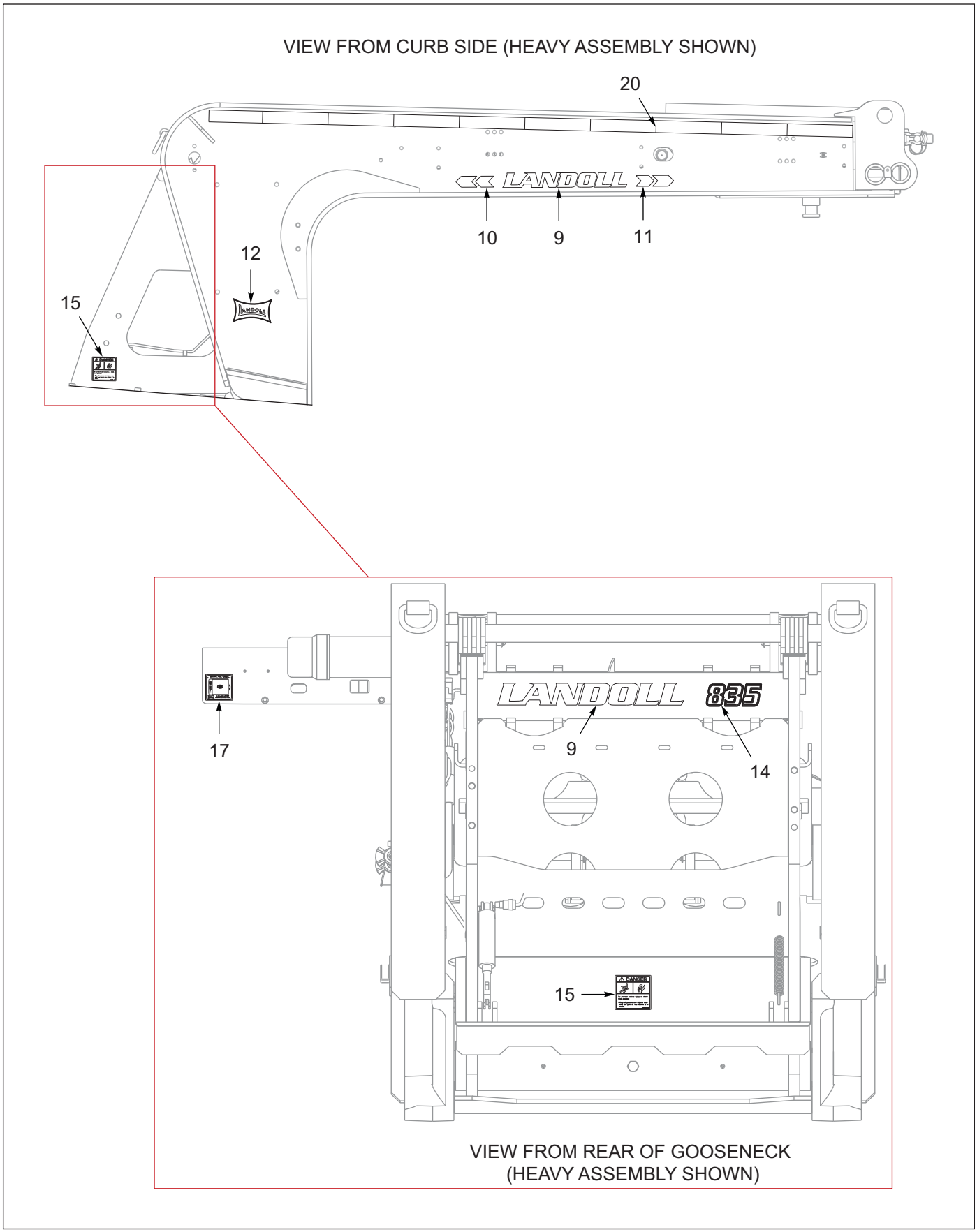


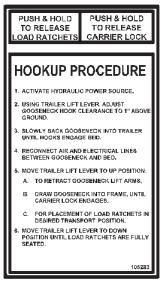
Figure 1-2: Gooseneck Assembly, Standard / Heavy Duty (2 of 4)



1



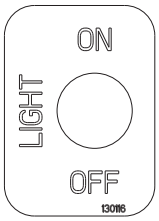
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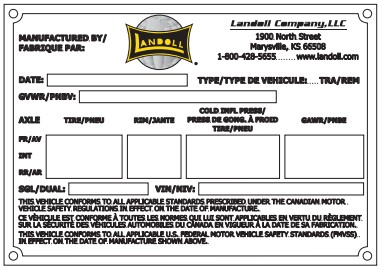
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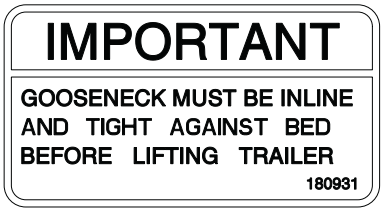
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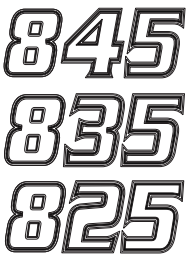
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18

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

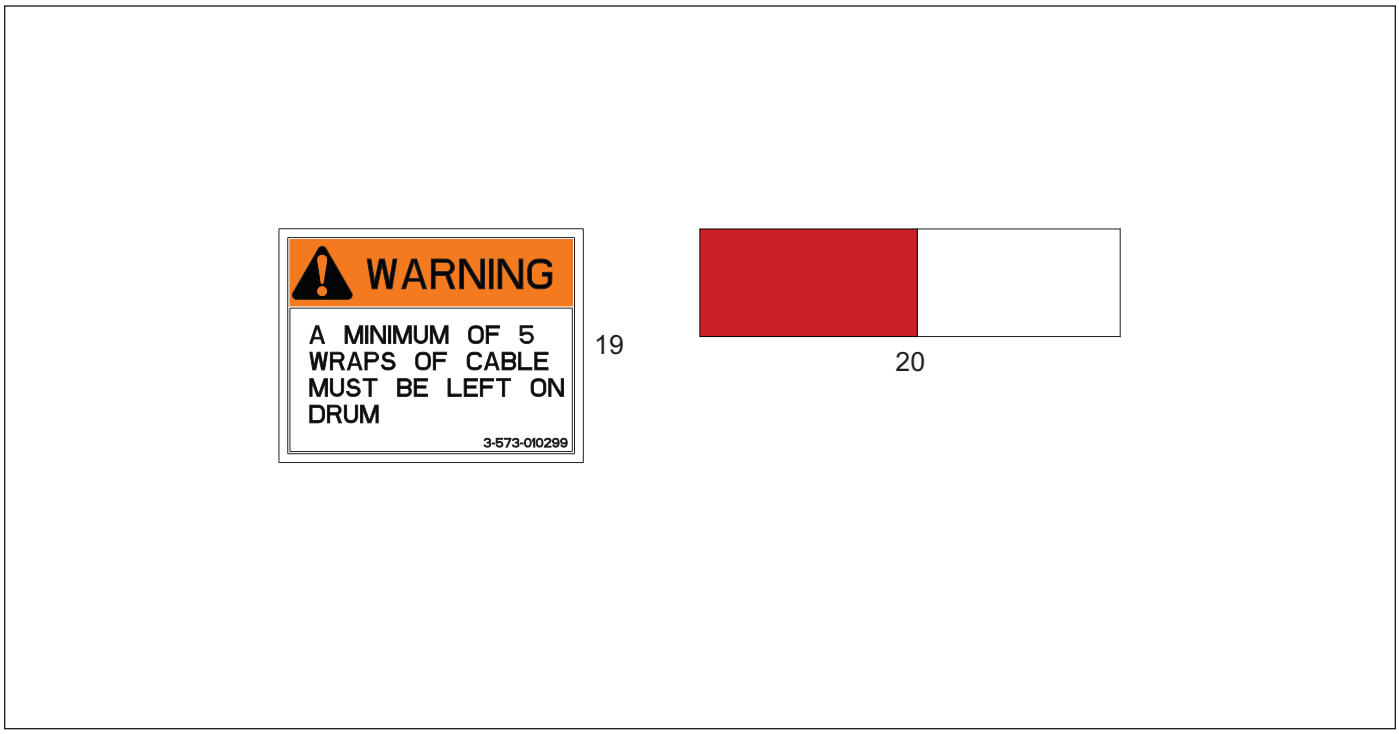


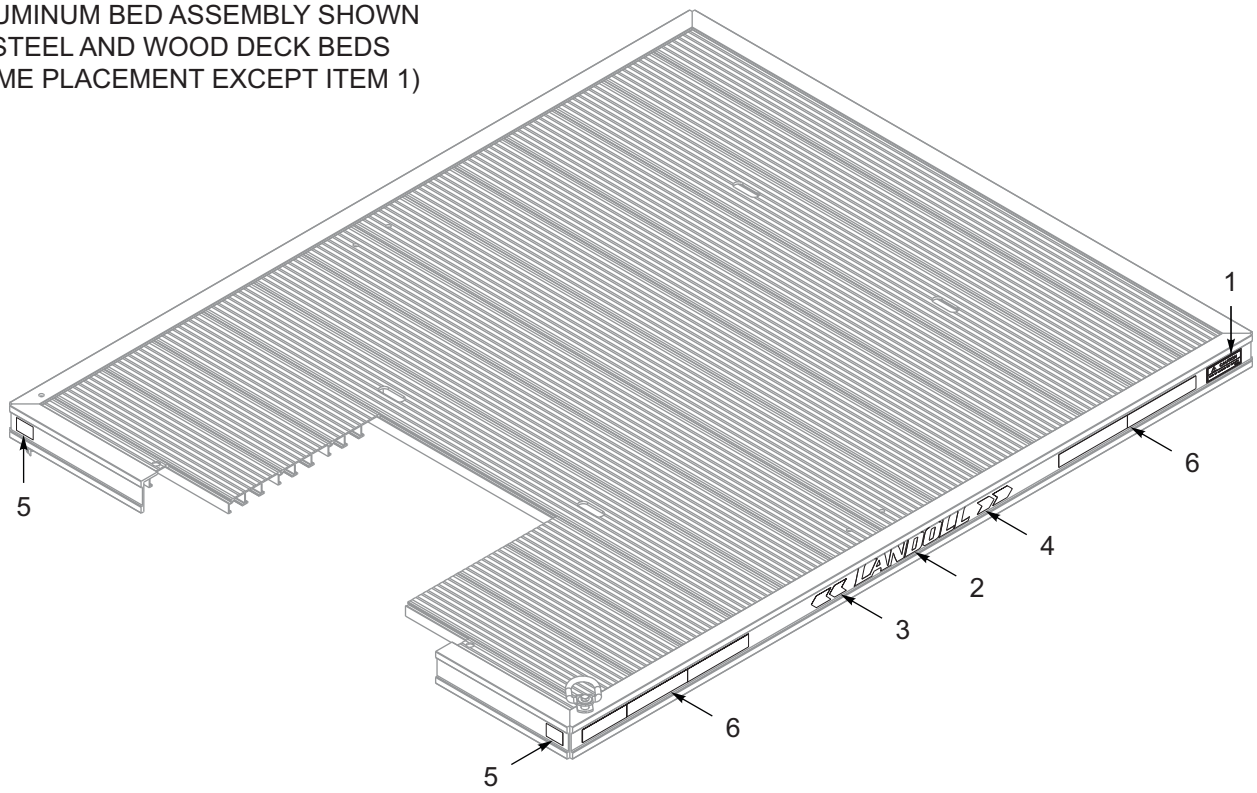
Figure 1-4: Gooseneck Assembly, Standard / Heavy Duty (4 of 4)

Gooseneck Assembly, Standard / Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY
	208684	DECAL INSTL, 825-F AG G/N **(INCLUDES ITEMS 1-5, 7-16, 18-19, 21)**	- -
	208685	DECAL INST, 835-F AG G/N **(INCLUDES ITEMS 1-5, 7-16, 18-19, 21)**	- -
	208686	DECAL INSTL, 845-F AG G/N **(INCLUDES ITEMS 1-5, 7-16, 18-19, 21)**	- -
1	105281	DECAL, 825 CONTROLS	1
2	105282	DECAL 825 DETACH PROCEDURE	1
3	105283	DECAL 825 HOOKUP PROCEDURE	1
4	105822	DECAL, HYD COUPLER **(BEFORE 03/01/2022 REQ 1) (AFTER 03/01/2022 NO LONGER USED)**	1
5	156010	RIVET, BLIND .156X1/2 GRIP	4
6	130116	DECAL, ON/OFF LIGHT **(SOLD SEPERATELY)**	- -
7	155780	TRAILER VIN PLATE	1
8	180931	DECAL, 800 G/N CONNECTION	1
9	196167	DECAL LANDOLL SMALL	3
10	196168	DECAL ARROW SMALL 2LH	2
11	196169	DECAL ARROW SMALL 2RH	2
12	196172	DECAL BOWTIE SMALL	2
13	196173	DECAL POWDERCOAT SMALL	1
14	199132	DECAL, 845 REFLECTIVE	1
14	199140	DECAL, 835 REFLECTIVE 2-1/2"	1
14	199141	DECAL, 825 REFLECTIVE 2-1/2"	1
15	2-573-010335	DECAL, DANGER PINCHING	3
16	202578	REFLEXITE WHITE 3" LENGTH	2
17	225939	DECAL, QR CODE 800 AG SERIES	1
18	3-573-010298	DECAL, PATENT	1
19	3-573-010299	DECAL, WARNING WINCH CABLE **(SOLD SEPERATELY)**	- -
20	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)**	216

Gooseneck Bed Assemblies (Option)

ALUMINUM BED ASSEMBLY SHOWN
(STEEL AND WOOD DECK BEDS
SAME PLACEMENT EXCEPT ITEM 1)





1

LANDOLL

2

3

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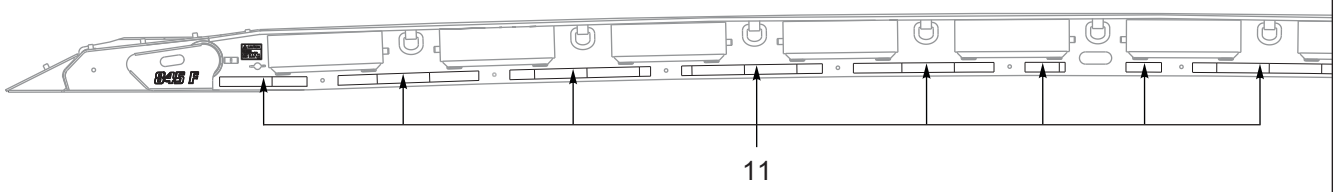
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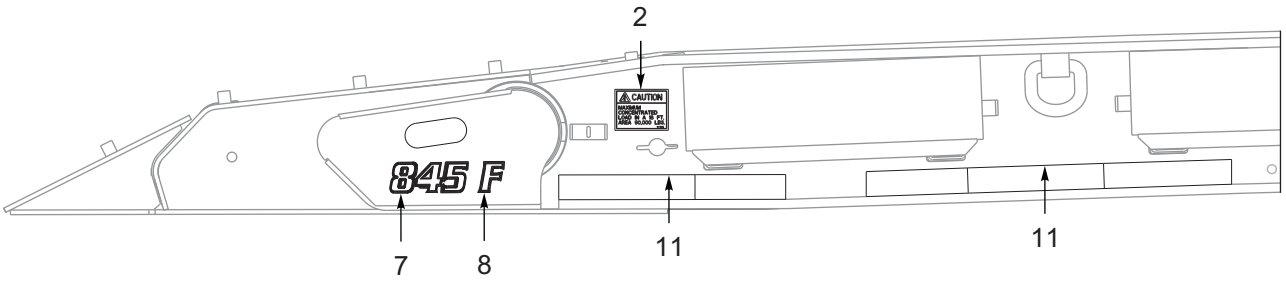
Figure 1-5: Gooseneck Bed Assemblies (Option)

Gooseneck Bed Assemblies (Option)

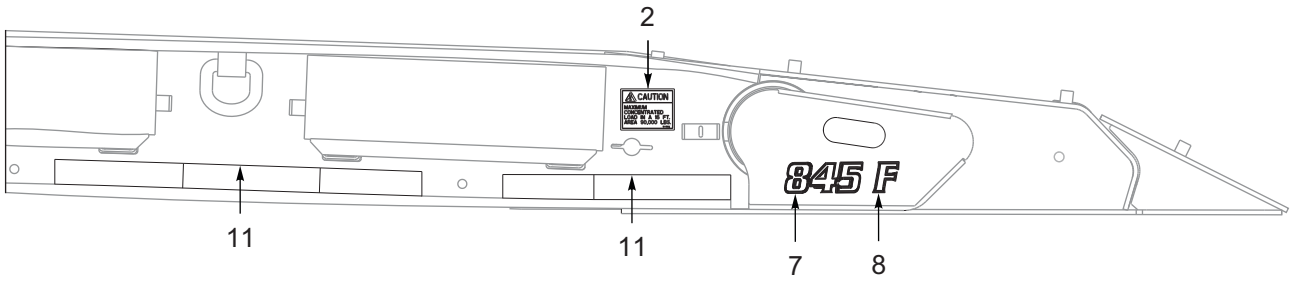
ITEM	PART NUMBER	DESCRIPTION	QTY
	196242	BED INSTL ALUM 800E 10'-9"G/N **(BED 1 - ALUM, BOLT-ON 10' 9" GN, REQUIRES ITEMS 1-6)**	- -
	199125	BED G/N INSTL ALUM 800E **(BED 2 - ALUM, BOLT-ON, 12' GN, REQUIRES ITEMS 1-6)**	- -
	199134	BED INSTL ALUM 835/845 HD G/N **(BED 3 - ALUM, BOLT-ON, 12' HD GN, REQUIRES ITEMS 1-6)**	- -
	232651	BED INSTL STWD 800 12'G/N GALV **(BED 4 - WOOD, BOLT-ON 12' GN, REQUIRES ITEMS 2-6)**	- -
	232665	BED INSTL STWD 12'G/N GALV **(BED 5 - WOOD, BOLT-ON 12' HD GN, REQUIRES ITEMS 2-6)**	- -
	239079	BED INSTL STL 800 12G/N GALV **(BED 6 - STEEL, BOLT-ON 12' GN, REQUIRES ITEMS 2-6)**	- -
	199927	BED INSTL STEEL 800E 12' G/N **(BED 7 - STEEL, WELD-ON 12' GN, REQUIRES ITEMS 2-6)**	- -
	209887	BED ASSY STEEL 835/845 HD G/N **(BED 8 - STEEL WELD-PM 12'HD GN, REQUIRES ITEMS 2-6)**	- -
1	186009	DECAL, 14,000 LB ALUM BED **(BED 1-3)**	2
2	196167	DECAL LANDOLL SMALL	2
3	196168	DECAL ARROW SMALL 2LH	2
4	196169	DECAL ARROW SMALL 2RH	2
5	202578	REFLEXITE WHITE 3" LENGTH	2
6	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)** **(BED 1-3, REQ 108")** **(BED 4-8, REQ 164")**	- -

Frame Assembly, AG





VIEW FROM FRONT STREET SIDE



VIEW FROM FRONT CURB SIDE

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

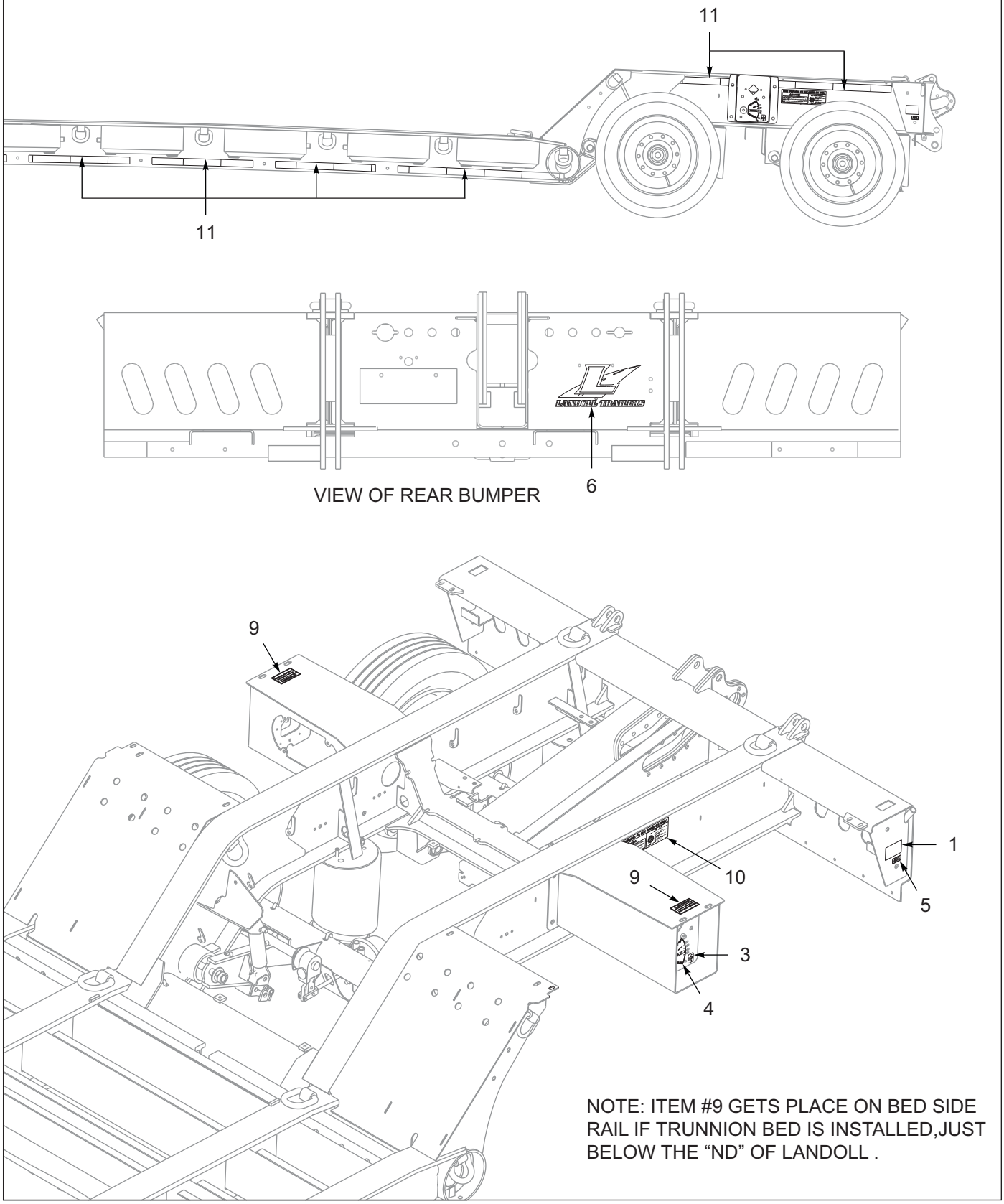


Figure 1-7: Frame Assembly, AG (2 of 3)

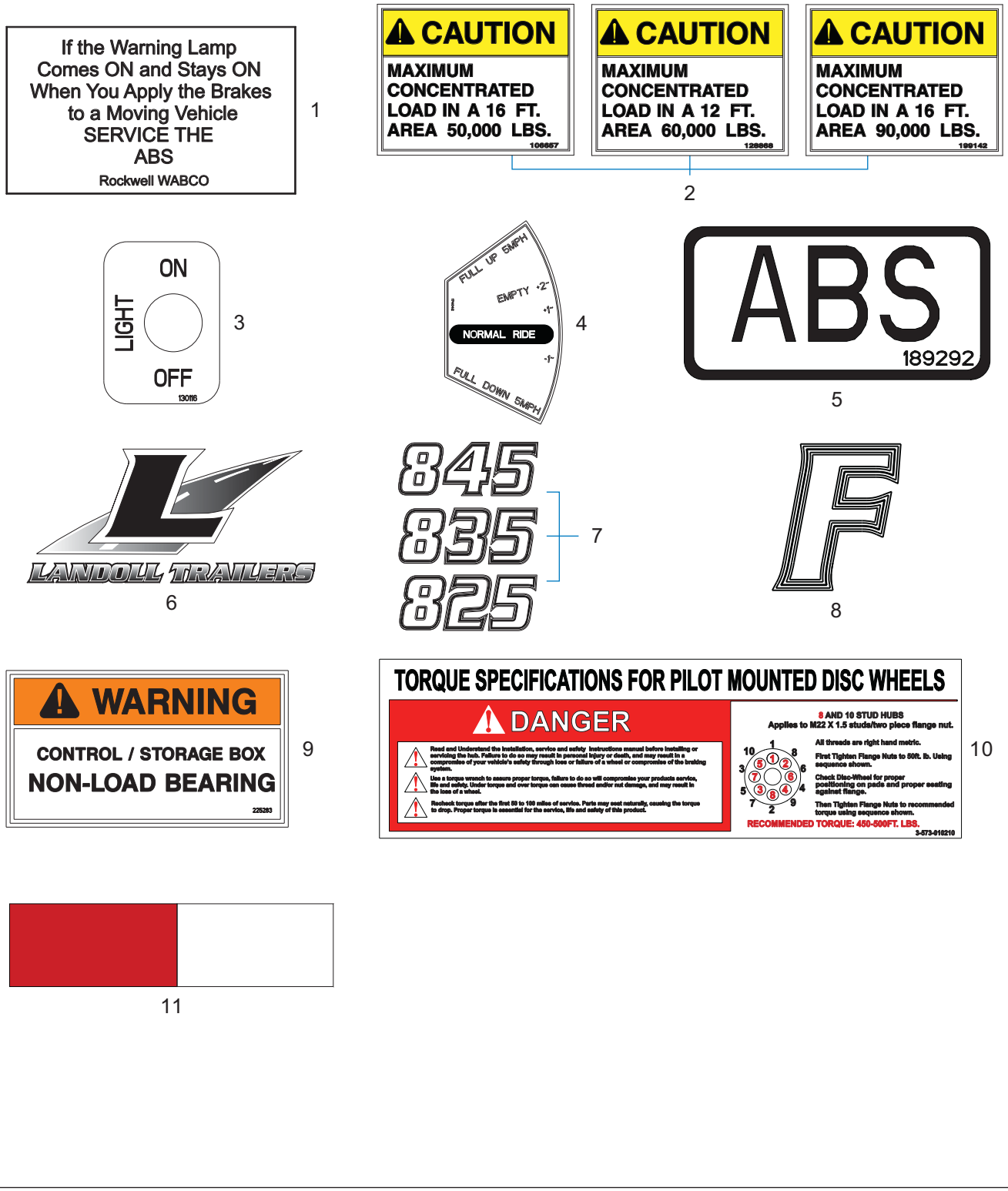
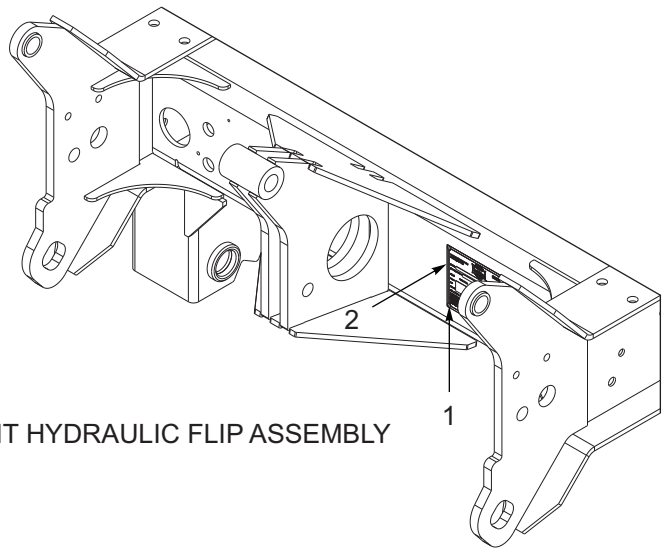


Figure 1-8: Frame Assembly, AG (3 of 3)

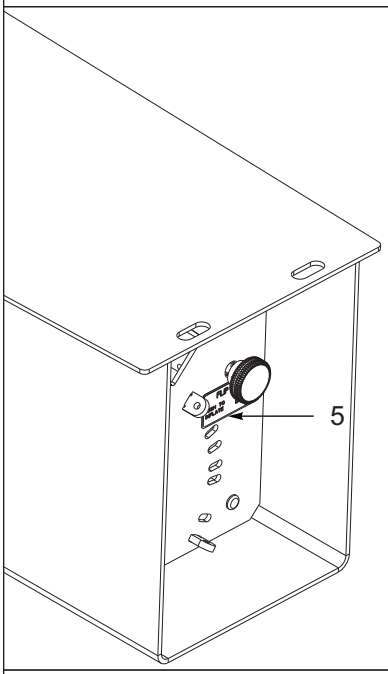
Frame Assembly, AG

ITEM	PART NO.	DESCRIPTION	QTY.
	225270	DECAL INSTL,845 "F" AG **(INCLUDES ITEM 1-11)**	- -
	225271	DECAL INSTL,835 "F" AG **(INCLUDES ITEM 1-11)**	- -
	230057	DECAL INSTL,825-F AG **(INCLUDES ITEM 1-11)**	- -
1	101855	WARNING LAMP LABEL,ABS	1
2	106657	DECAL, CAUTION 50K/16FT CONC **(825)**	2
2	128868	DECAL CAUT 60K/12FT CONC LOAD **(835)**	2
2	199142	DECAL CAUT 90K/16FT CONC LOAD **(845)**	2
3	130116	DECAL, ON/OFF LIGHT	1
4	174042	DECAL, RIDE RAISE/LOWER	1
5	189292	DECAL, ABS, WHITE	1
6	196177	DECAL HIGHWAY L LARGE	1
7	199132	DECAL, 845 REFLECTIVE	2
7	199140	DECAL, 835 REFLECTIVE 2-1/2"	2
7	199141	DECAL, 825 REFLECTIVE 2-1/2"	2
8	225272	DECAL, F 2-1/2	2
9	225283	DECAL,WARNING,CRTL/STOR BOX	2
10	3-573-010210	DECAL TORQUE SPEC 8-10STU HUB	1
11	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)**	985

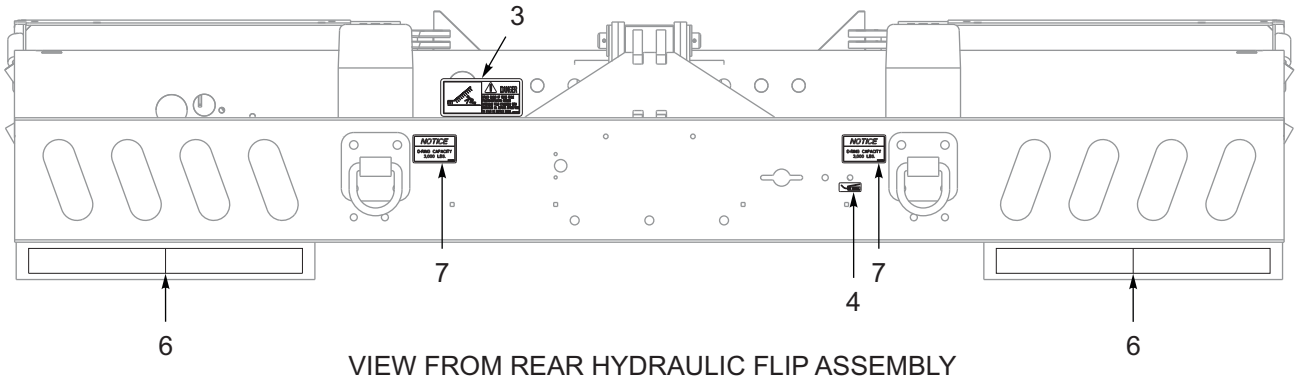
Frame, Flip Axle Assembly (Option)



VIEW FROM STREETSIDE FRONT HYDRAULIC FLIP ASSEMBLY



VIEW OF TRAILER STREETSIDE SUSPENSION CONTROL BOX



VIEW FROM REAR HYDRAULIC FLIP ASSEMBLY

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

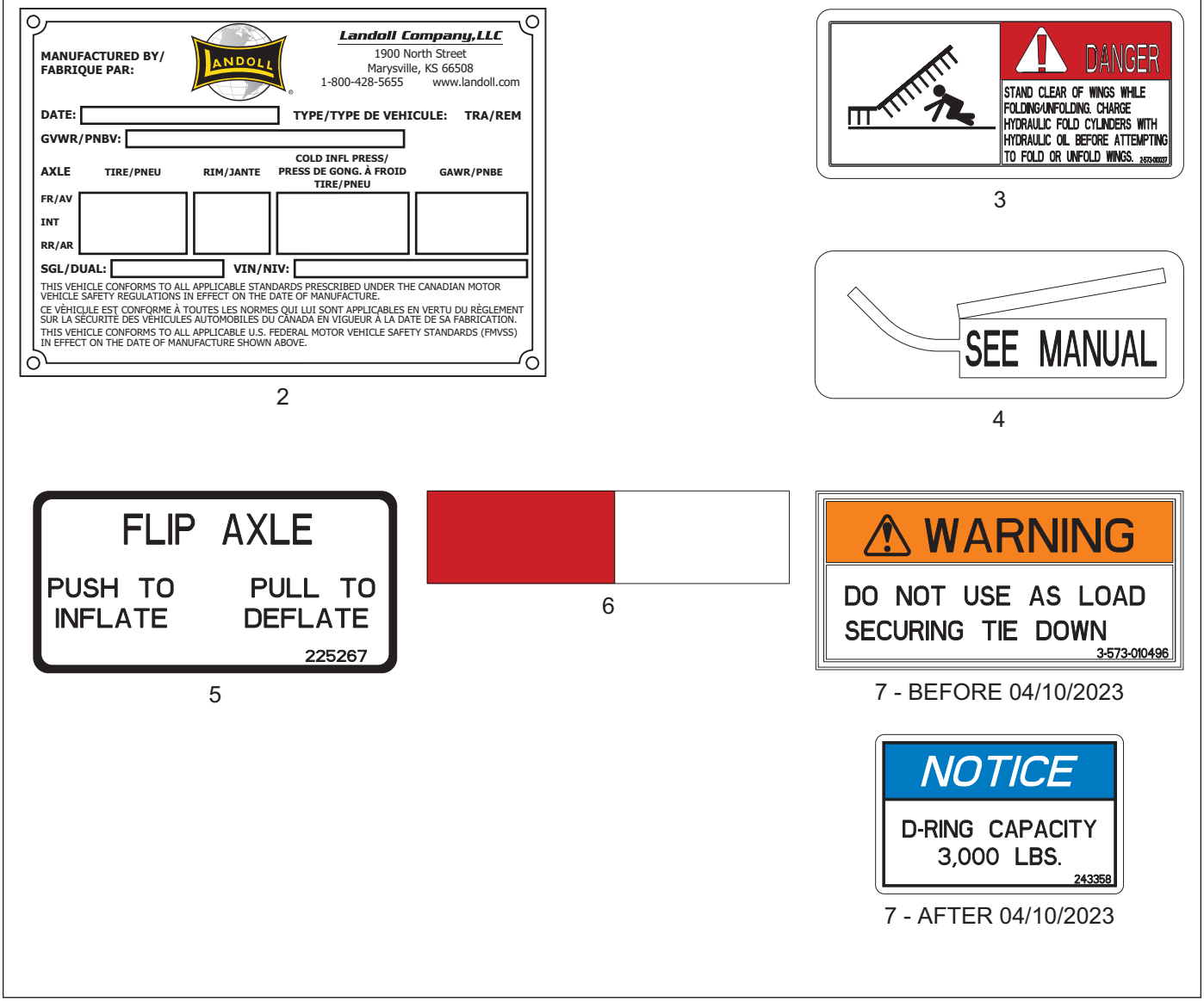


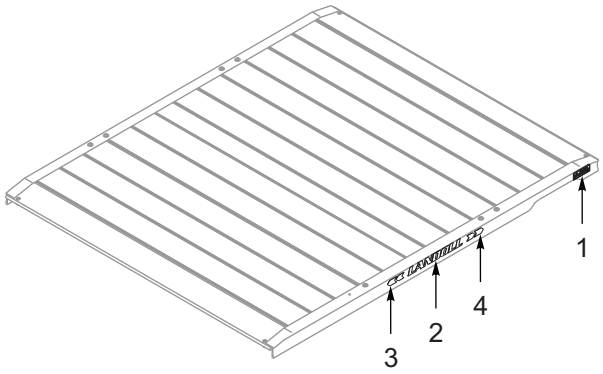
Figure 1-10: Frame, Flip Axle Assembly (Option) (2 of 2)

Frame, Flip Axle Assembly (Option)

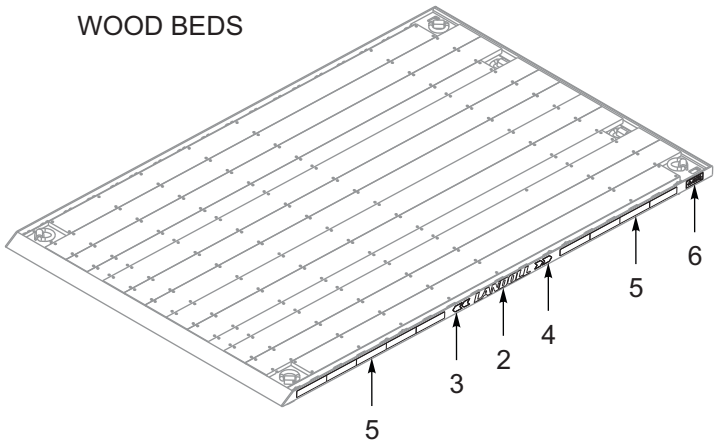
ITEM	PART NUMBER	DESCRIPTION	QTY
	218803	FLIP ASSY 800F-60"-102" **(WINCH FLIP REQUIRES ITEMS 6-7)**	- -
	218808	FLIP ASSY 800F-60"-102" HYD **(HYDFLIP REQUIRES ITEMS 1-7)**	- -
1	156010	RIVET, BLIND .156X1/2 GRIP	4
2	155780	TRAILER VIN PLATE	1
3	2-573-010037	DECAL, DANGER, WING **(LOCATED ON REAR TRAILER 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 Bed Assemblies (Option)

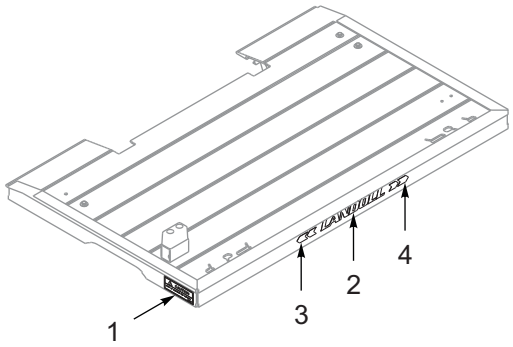
ALUMINUM BEDS



WOOD BEDS



TRAILER TRUNNION BED DECAL PLACEMENT



AXLE FLIP ALUMINUM BED DECAL PLACEMENT



1



1



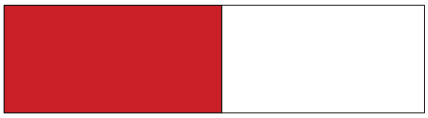
2



3



4



5



6

Figure 1-11: Frame Bed Assemblies (Option)

Frame Bed Assemblies (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
1	106693	DECAL, 10,000 LB. ALUM BED **(50" & 54" FLIP AXLE BEDS)**	2
1	186009	DECAL, 14,000 LB ALUM BED **(60" FLIP AXLE AND ALL OTHER ALUMINUM TRUNNION BEDS ONLY)**	2
2	196167	DECAL LANDOLL SMALL	2
3	196168	DECAL ARROW SMALL 2LH	2
4	196169	DECAL ARROW SMALL 2RH	2
5	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH) (WOOD DECK ONLY) (ORDER BY CUSTOMER TOTAL INCH MEASUREMENT)**	- -
6	248604	DECAL, 20,000 LB WOOD BED **(WOOD DECK ONLY)**	1

Frame Grease System

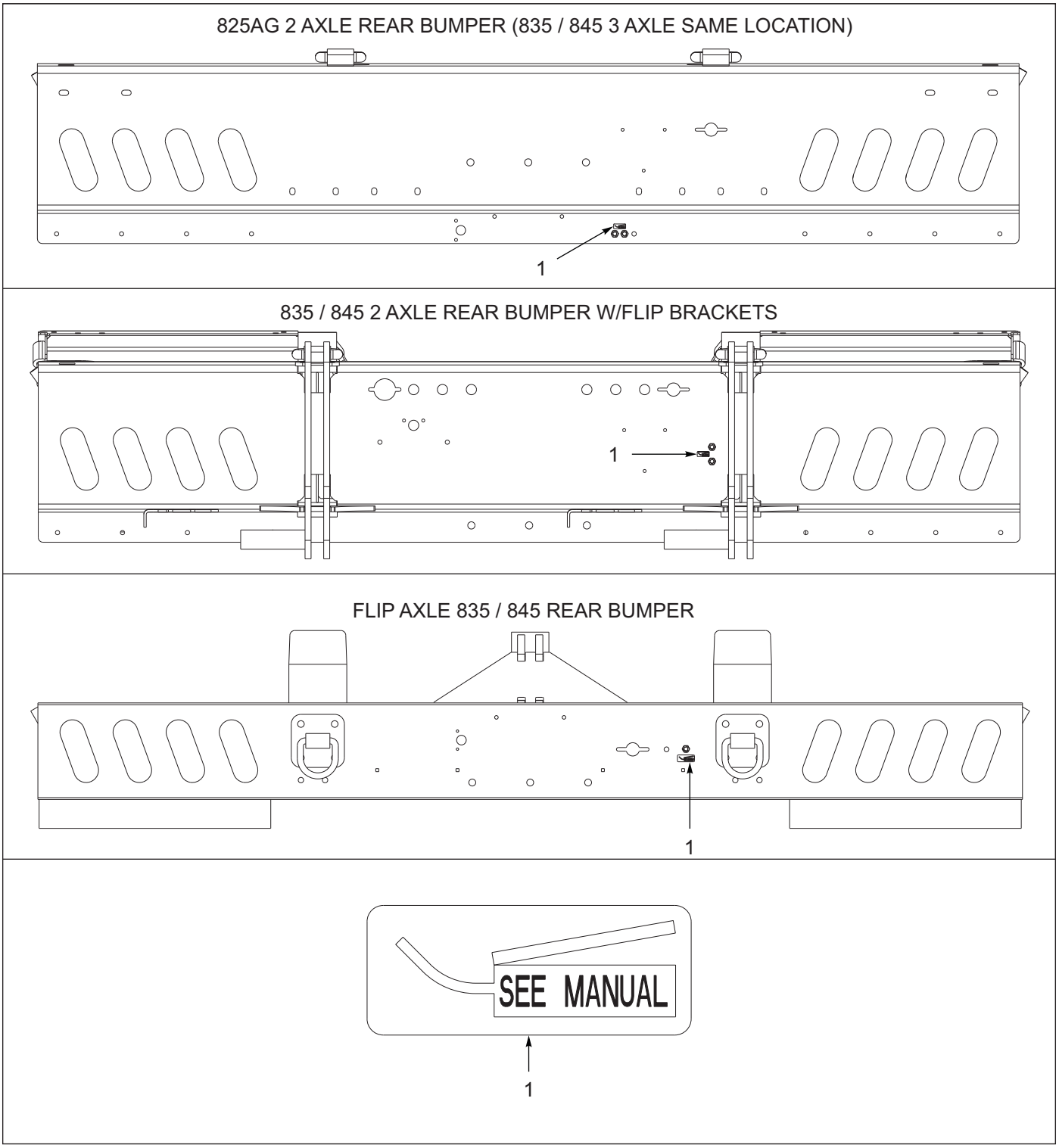


Figure 1-12: Frame Grease System

Frame Grease System

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

Ramp, Front Power (Option)

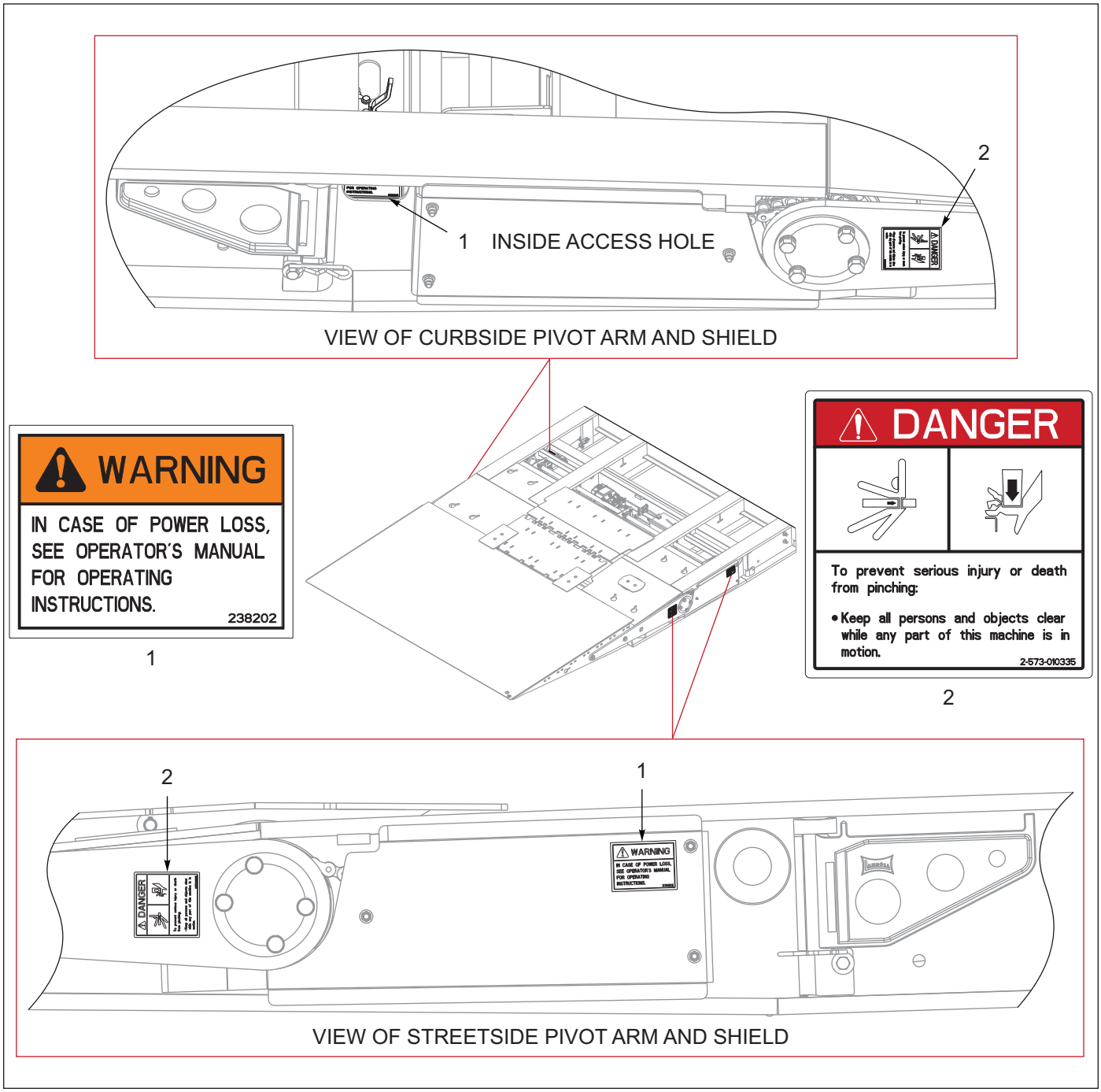


Figure 1-13: Ramp, Front Power (Option)

Ramp, Front Power (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	206908	RAMP INSTL 835 POWERED **(LONG RAMP)**	- -
	227749	RAMP INSTL PWR 30, 835 AG **(SHORT RAMP)**	- -
	230152	RAMP INSTL LONG PWR 825 **(LONG RAMP)**	- -
1	238202	DECAL WARNING POWER LOSS	2
2	2-573-010335	DECAL, DANGER PINCHING	2

Suspension, Air Dump (Option)

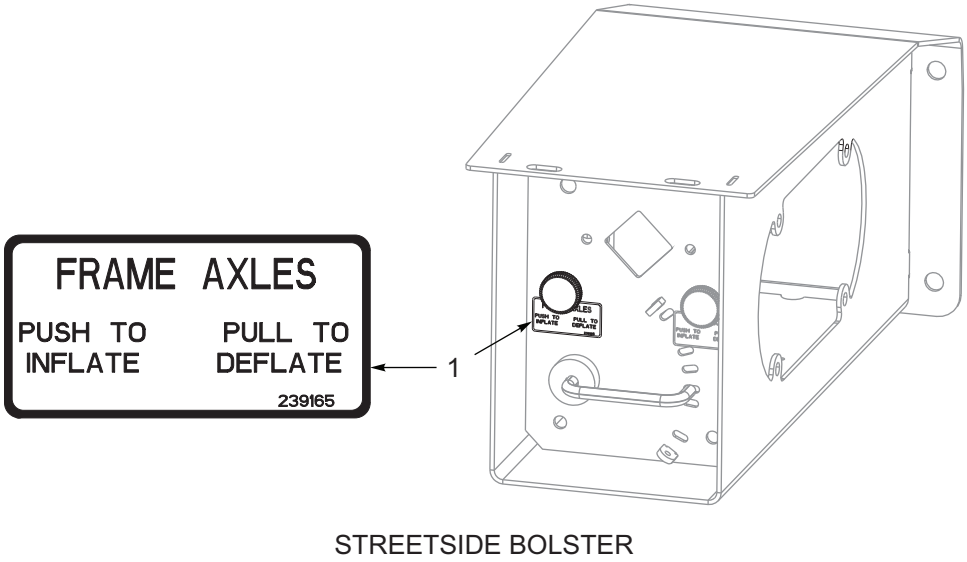


Figure 1-14: Suspension, Air Dump (Option)

Suspension, Air Dump (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	239164	AIR DUMP INSTL,ADD ON 800 FRAM	- -
1	239165	DECAL,DEFLATE FRAME AXLES **(DECALS - SEE PAGE 10-57)**	1

Winch Assemblies (Option)

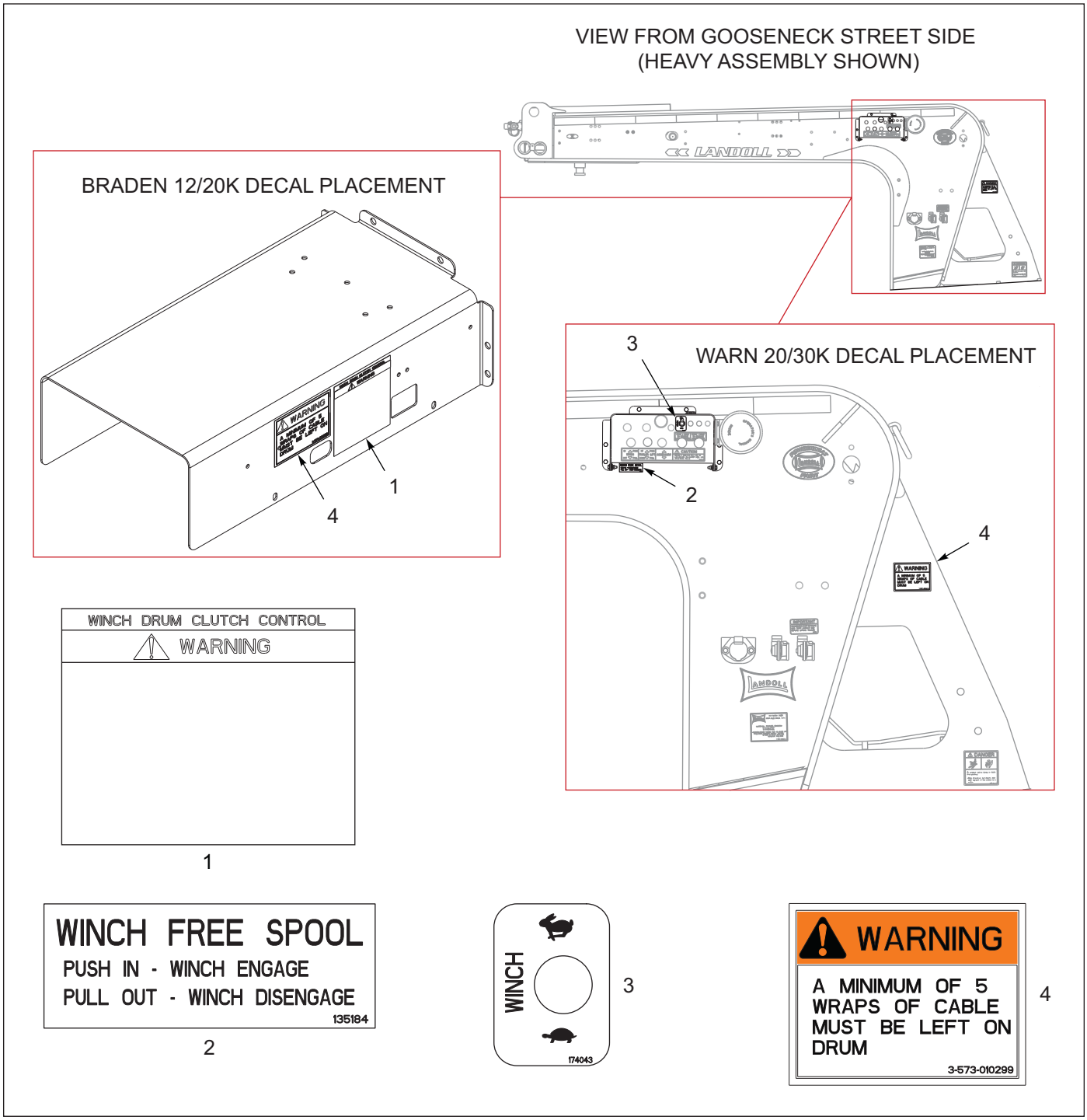


Figure 1-15: Winch Assemblies (Option)

Winch Assemblies (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
1	100600	DECAL WARNING BRADEN WINCH **(BRADEN WINCH ONLY)**	1
2	135184	DECAL, WINCH FREE SPOOL	1
3	174043	DECAL, WINCH, HI/LO	1
4	3-573-010299	DECAL, WARNING WINCH CABLE	1

Gooseneck Assembly

Gooseneck Components, 10' 9" & 12' Standard Duty, 825 / 835

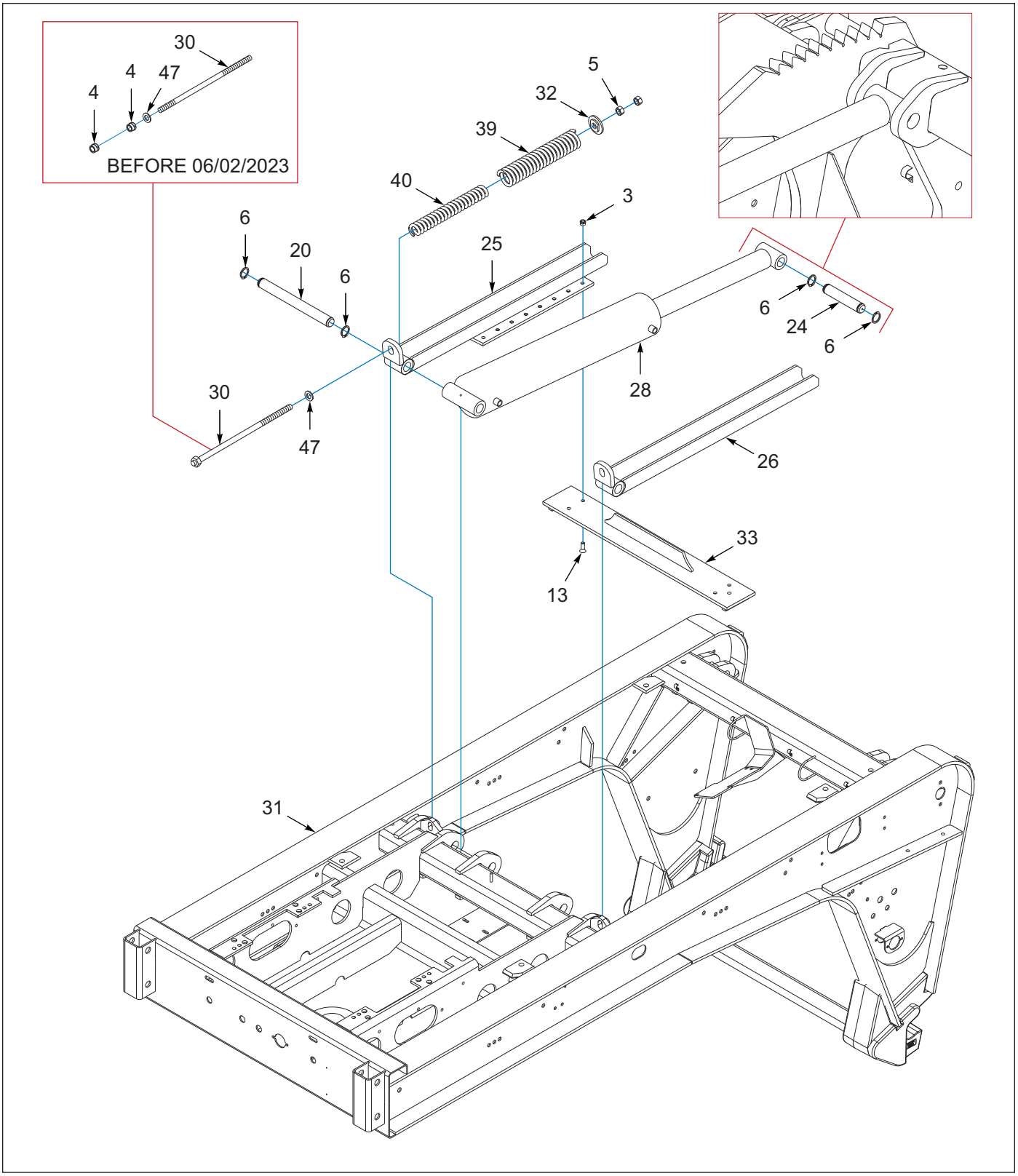


Figure 2-1: Gooseneck Components, 10' 9" & 12' Standard Duty, 825 / 835 (1 of 3)

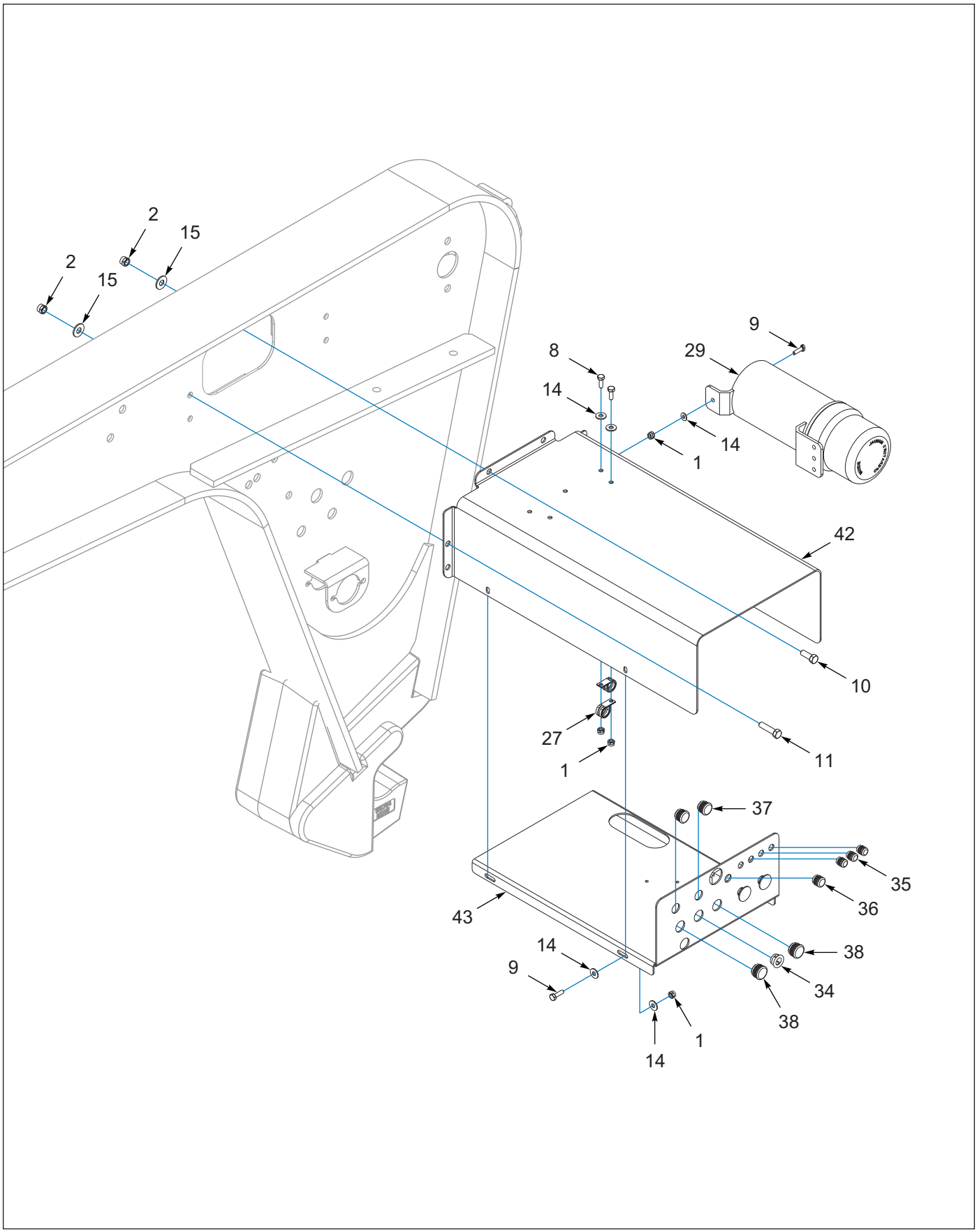


Figure 2-2: Gooseneck Components, 10' 9" & 12' Standard Duty, 825 / 835 (2 of 3)

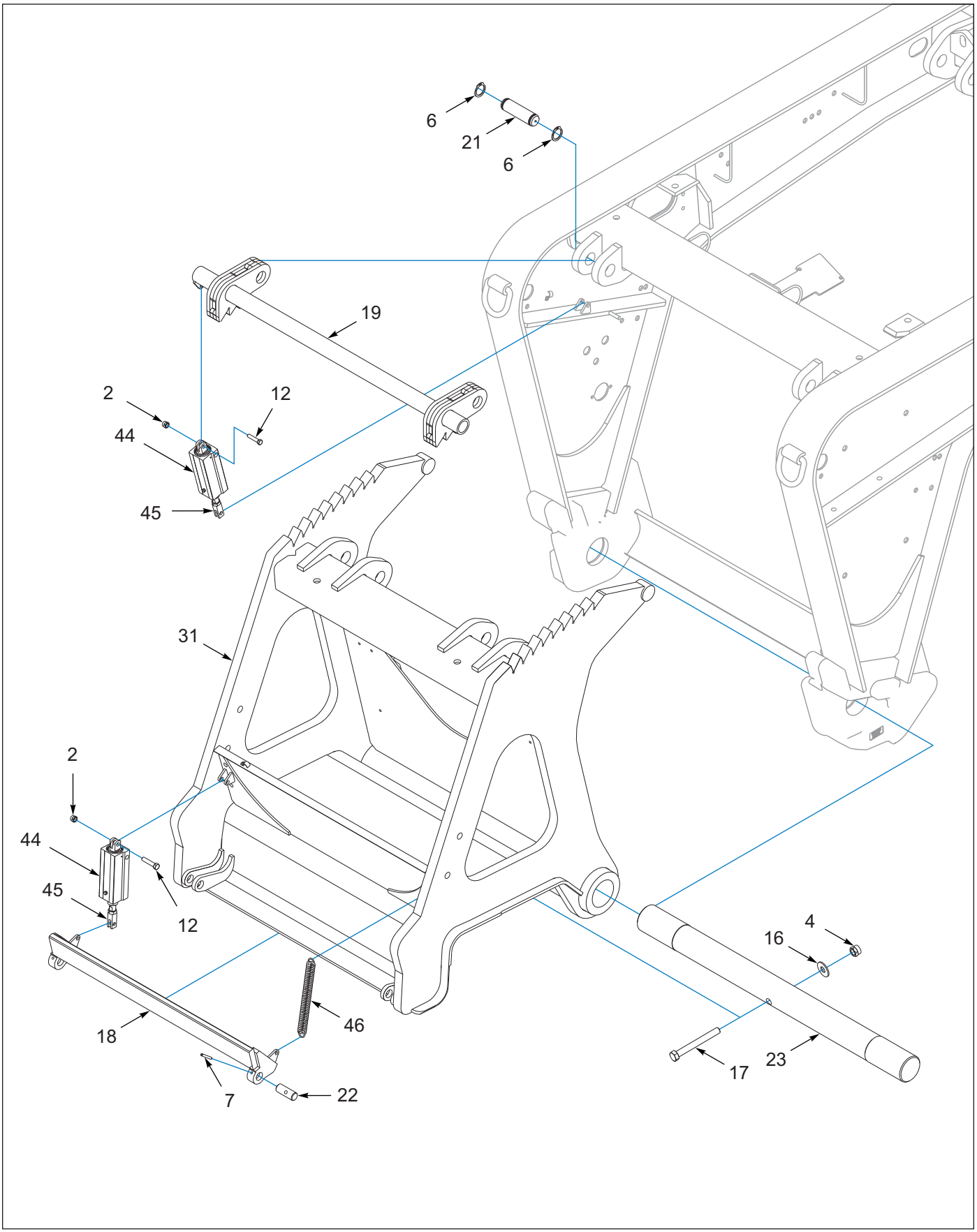


Figure 2-3: Gooseneck Components, 10' 9" & 12' Standard Duty, 825 / 835 (3 of 3)

Gooseneck Components, 10' 9" & 12' Standard Duty, 825 / 835

ITEM	PART NUMBER	DESCRIPTION	QTY
	197600	GOOSENECK ASSY 835E-12'	- -
	200002	GOOSENECK ASSY 835E 10'9"	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	9
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	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	1-630-010021-01	RING, 1.5 RETAINING HD	12
7	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED **(111789)**	2
8	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
9	1-654-010047-05	SCREW, HX CP 1/4-20UNCx7/8 GR5	7
10	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	3
11	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	3
12	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	2
13	1-654-010133-05	SCREW,SKT FL CTSK1/2-13X1-1/2	4
14	1-861-010032-07	WASHER,FLAT 1/4 ZP	13
15	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	6
16	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	1
17	100855	SCREW, HHCS,3/4-10X6-1/2 GR5	1
18	105237	LATCH WLDMT G/N LOWER	1
19	105239	LATCH WLDMT G/N UPPER **(GREASE SYSTEM - SEE PAGE 12-1)**	1
20	105241	PIN 1-1/2X15 ZP	2
21	105242	PIN 1-1/2X5-1/4 ZP	2
22	105243	PIN,LOWER G/N LATCH 825	2
23	105245	PIN, G/N TO CARRIER 825	1
24	105272	PIN 1-1/2X7-3/4 ZP	2
25	105285	WLDMT RH, CHANNEL, LIFT G/N	1
26	106943	CHANNEL WLDMT, LIFT G/N	1
27	125894	CLAMP, CABLE 5/8 SST	2
28	138711	CYL HYD 6X30 O-RING TEM) **(GREASE SYSTEM - SEE PAGE 12-1)** **(HYDRAULIC SYSTEM - SEE PAGE 13-1)**	2
29	150076	MANUAL TUBE (4-1/4"ID)	1
30	153018	SPRING ROD G/N LIFTARM **(BEFORE 06/02/2023)**	2
30	242617	SPRING GUIDE ROD 835 WLDMT **(AFTER 06/02/2023)**	2
31	197596	GOOSENECK WLDMT 835E-12' **(GREASE SYSTEM - SEE PAGE 12-1)**	1
31	200006	GOOSENECK WLDMT 835E 10'9" **(GREASE SYSTEM - SEE PAGE 12-1)**	1
32	156430	SPRING CAP WLDMT	2
33	162056	BAR WLDMT LIFT-ARM 855	1
34	178444	BUSHING NYLON INSERT 9/16ID	1
35	189278	PLUG, PLASTIC PANEL 1/2 & 9/16	3
36	189279	PLUG, PLASTIC PANEL 5/8	1
37	189280	PLUG, PLASTIC PANEL 3/4	2
38	189282	PLUG, PLASTIC PANEL 7/8	2
39	2-720-010006	SPRING COULTER OUTER	2
40	2-720-010007	SPRING COULTER INNER	2
42	220305	GALV OF 168519 (CRTL BOX TOP)	1

Gooseneck Components, 10' 9" & 12' Standard Duty, 825 / 835

ITEM	PART NUMBER	DESCRIPTION	QTY
43	220306	GALV OF 197605 (CRTL BOX BASE)	1
44	235683	CYL AIR 1-3/4 BORE W ROD WIPER **(INCLUDES ITEM 45, CLEVIS BRACKET, PIVOT & COTTER PIN)** **(AIR SYSTEM - SEE PAGE 10-1)**	2
45	239780	CLEVIS BRACKET AND PIN KIT **(AFTER 10/15/2021)** **(INCLUDED WITH ITEM 44) (PER CYLINDER)**	1
46	3-720-010075	SPRING EXTENSION 7/8X6 **(197600, BEFORE 09/15/2023)** **(200002, QTY. = 1)**	- -
46	129985	SPRING EXTENSION 7/8X6X.091 **(AFTER 09/15/2023, 197600)**	1
47	622-3511-008	WASHER, FLAT 3/4 MIL-CARB SAE	2

Table provided for general use.

NOTES:

Gooseneck Components, 12' Heavy Duty, 835HD / 845HD

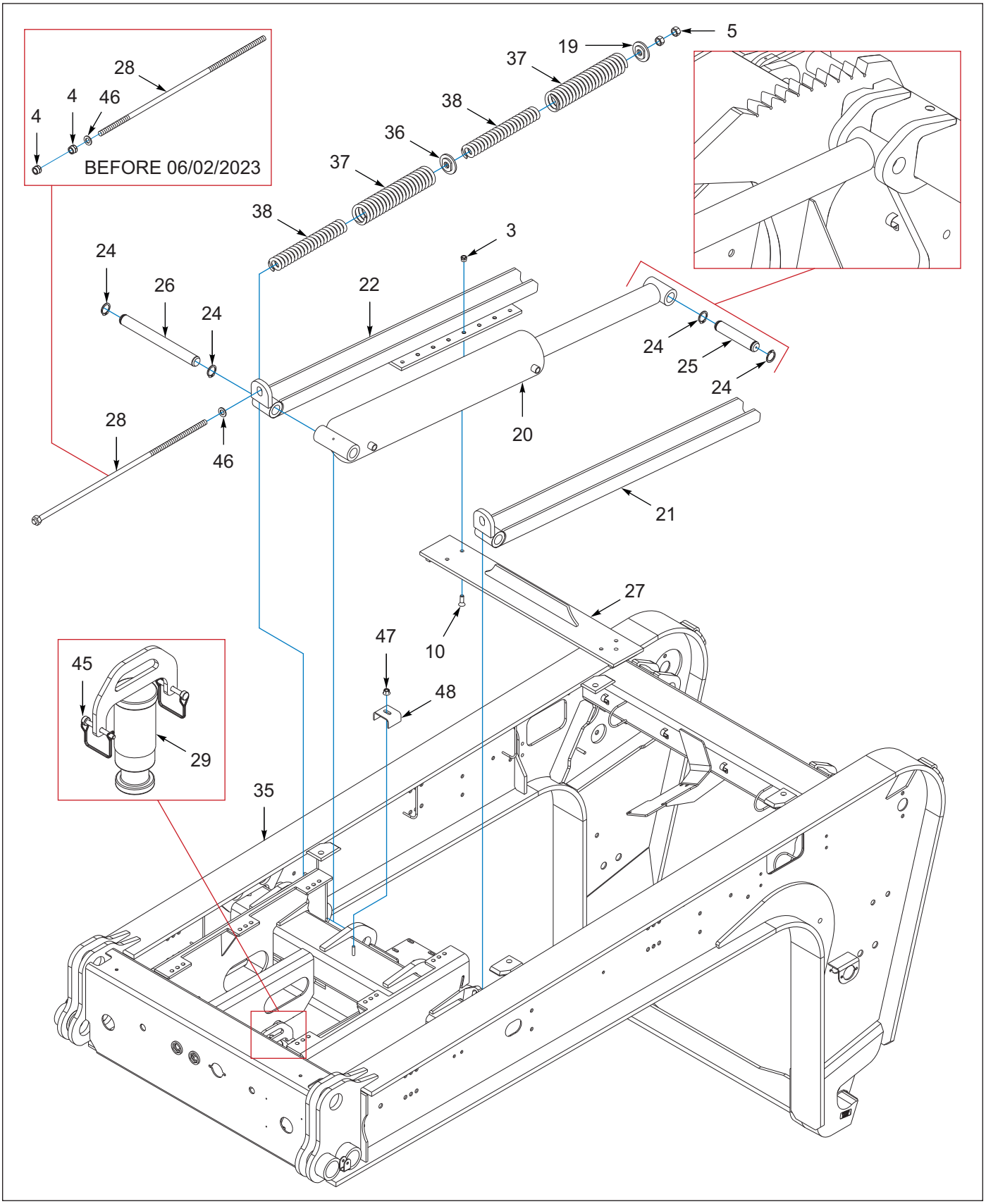


Figure 2-4: Gooseneck Components, 12' Heavy Duty, 835HD / 845HD (1 of 3)

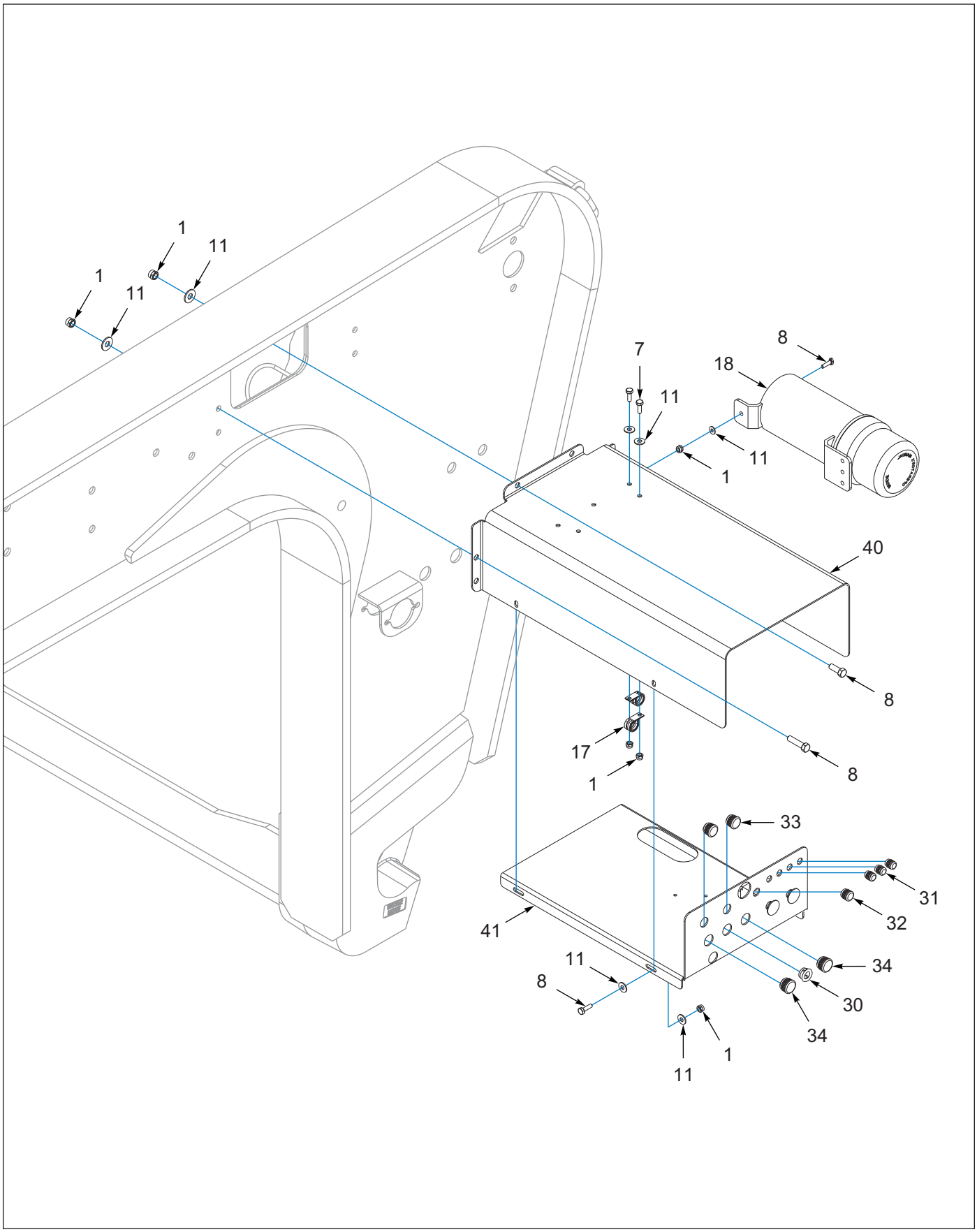


Figure 2-5: Gooseneck Components, 12' Heavy Duty, 835HD / 845HD (2 of 3)

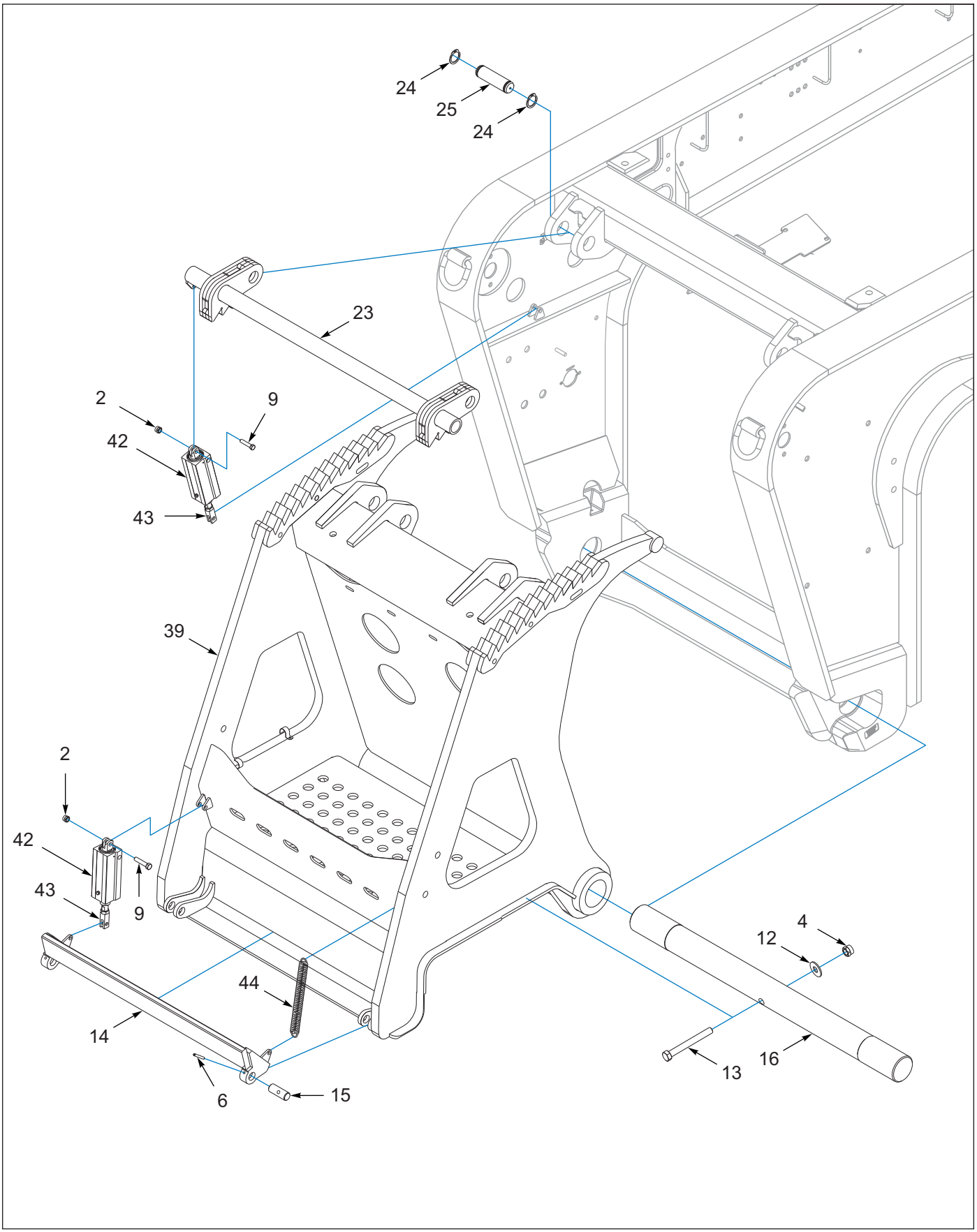


Figure 2-6: Gooseneck Components, 12' Heavy Duty, 835HD / 845HD (3 of 3)

Gooseneck Components, 12' Heavy Duty, 835HD / 845HD

ITEM	PART NUMBER	DESCRIPTION	QTY
	196228	GOOSENECK ASSY 845HD-12'	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	15
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	13
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	19
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 **(GREASE SYSTEM - SEE PAGE 12-1)** **(HYDRAULIC SYSTEM - SEE PAGE 13-1)**	2
21	161165	CHANNEL WLDMT LH,LIFT G/N 855	1
22	161168	CHANNEL WLDMT RH,LIFT G/N 855	1
23	161172	LATCH WLDMT G/N UPPER 855 **(GREASE SYSTEM - SEE PAGE 12-1)**	1
24	162037	RING, 1.75 RETAINING HD	12
25	162038	PIN 1-3/4 X 7-1/2 ZP	4
26	162039	PIN 1-3/4 X 16-1/2 ZP	2
27	162056	BAR WLDMT LIFT-ARM 855	1
28	162788	SPRING ROD 855 G/N LIFTARM **(BEFORE 06/02/2023)**	2
28	242615	G/N SPRING GUIDE ROD 845 WLDMT **(AFTER 06/02/2023)**	2
29	169372	KINGPIN WLDMT DROP-IN 2"	1
30	178444	BUSHING NYLON INSERT 9/16ID	1
31	189278	PLUG, PLASTIC PANEL 1/2 & 9/16	3
32	189279	PLUG, PLASTIC PANEL 5/8	1
33	189280	PLUG, PLASTIC PANEL 3/4	2
34	189282	PLUG, PLASTIC PANEL 7/8	2
35	197621	GOOSENECK WLDMT 835/845HD-12'	1
36	199942	SPRING CAP WLDMT 2 SIDES	2
37	2-720-010006	SPRING COULTER OUTER	4
38	2-720-010007	SPRING COULTER INNER	4
39	201530	CARRIER WLDMT 845 **(GREASE SYSTEM - SEE PAGE 12-1)**	1
40	220305	GALV OF 168519 (CRTL BOX TOP)	1
41	220306	GALV OF 197605 (CRTL BOX BASE)	1

Gooseneck Components, 12' Heavy Duty, 835HD / 845HD

ITEM	PART NUMBER	DESCRIPTION	QTY
42	235683	CYL AIR 1-3/4 BORE W ROD WIPER **(INCLUDES ITEM 43, CLEVIS BRACKET, PIVOT & COTTER PIN)** **(AIR SYSTEM - SEE PAGE 10-1)** **(CYLINDER COMPONENTS - SEE PAGE 10-81)**	2
43	239780	CLEVIS BRACKET AND PIN KIT **(AFTER 10/15/2021)** **(INCLUDED WITH ITEM 44) (PER CYLINDER)**	1
44	3-720-010075	SPRING EXTENSION 7/8X6 **(BEFORE 09/01/2023)**	1
44	129985	SPRING EXTENSION 7/8X6.091 **(AFTER 09/01/2023)**	1
45	516-22PTL	RETAINING PIN MUD FLAP **(12412608, 12486627)**	2
46	622-3511-008	WASHER, FLAT 3/4 MIL-CARB SAE	2
47	1-510-010001	NUT, 3/8-16 UNC FLANGE LOCK	1
48	2-181-010001	HOSE CLAMP	1

Table provided for general use.

NOTES:

Gooseneck Flip Extension, 835HD / 845HD (Option)

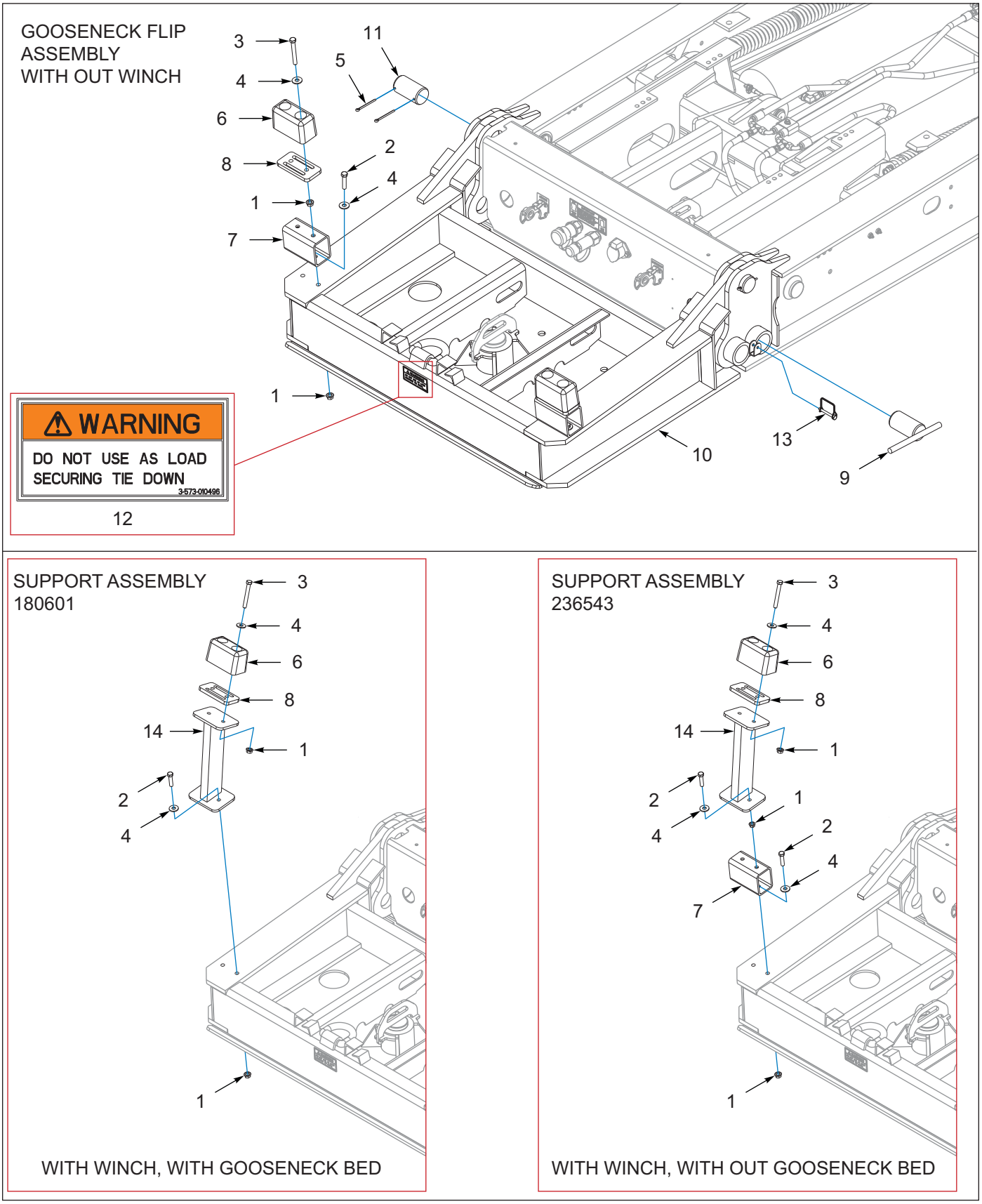


Figure 2-7: Gooseneck Flip Extension, 835HD / 845HD (Option)

Gooseneck Flip Extension, 835HD / 845HD (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	179883	GOOSENECK FLIP EXT 835HD/845 **(W/O WINCH)**	- -
	180601	SUPPORT INSTL FRONT FLIP EXT **(W/ WINCH, W/ GN BED)**	- -
	236543	SPRT INSTL G/N FLIP EXT W/O BD **(W/WINCH, W/O GN BED)**	- -
1	1-510-010003-09	NUT,1/2-13 FLANGE HD,SERRATED **(236543 REQ 12 EACH)**	8
2	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5 **(236543 REQ 8 EACH)**	4
3	1-654-010055-13	SCREW,HEX CAP,1/2-13UNCX4 GR5	4
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(236543 REQ 12 EACH)**	8
5	1/4X3	COTTER PIN	4
6	128874	BUMPER RUBBER 6X3X3-1/2	2
7	148811	MOUNT RUBBER BUMPER	2
8	174681	SPACER, RUBBER BUMP STOP	2
9	179862	PIN WLDMT LWR G/N FLIP EXT	2
10	179885	FLIP WLDMT G/N 36"	1
11	3-557-010273	PIN G/N FLIP	2
12	3-573-010496	DECAL WARNING TIE DOWN	1
13	516-22PTL	RETAINING PIN MUD FLAP **(12412608, 12486627)**	2
14	180600	SUPPORT WLDMT FRONT FLIP EXT **(ONLY IF EQUIPPED WITH WINCH)**	2
15	#242 LOCKTITE	LOCKTITE 242 BLUE REMOVABLE **(50ML BOTTLE) (NOT SHOWN)**	1

Bed Assembly, Aluminum Bolt-On (Options)

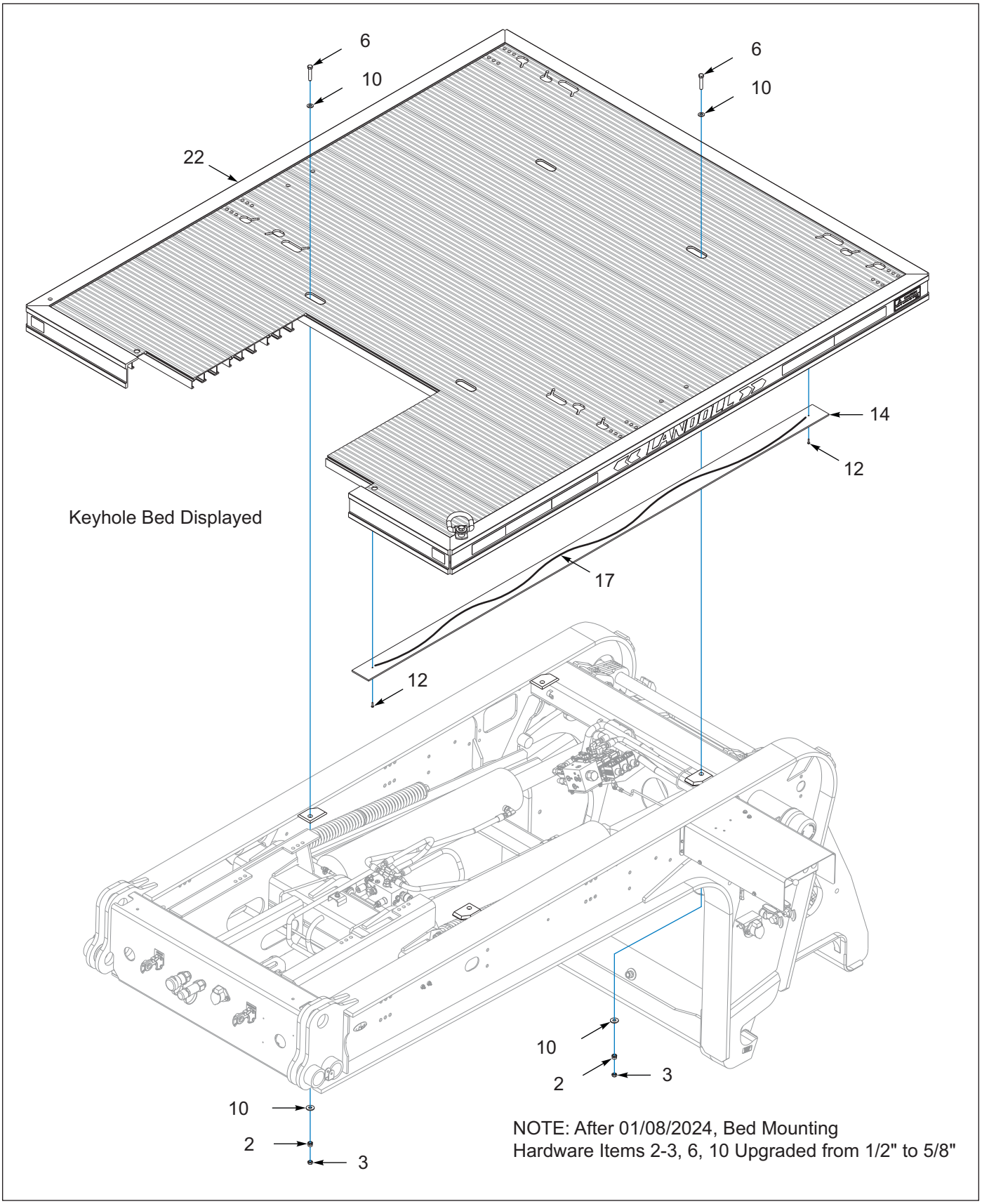


Figure 2-8: Bed Assembly, Aluminum Bolt-On (Options) (1 of 2)

NOT SHOWN:
11 - Loctite, 242 (Used on all Bed Mount Nuts)
15 - Decal, 14,000 lb
18 - Decal, Landoll
19 - Decal, Left Arrow
20 - Decal, Right Arrow
21 - Reflexite, White
25 - Reflexite, Red/White

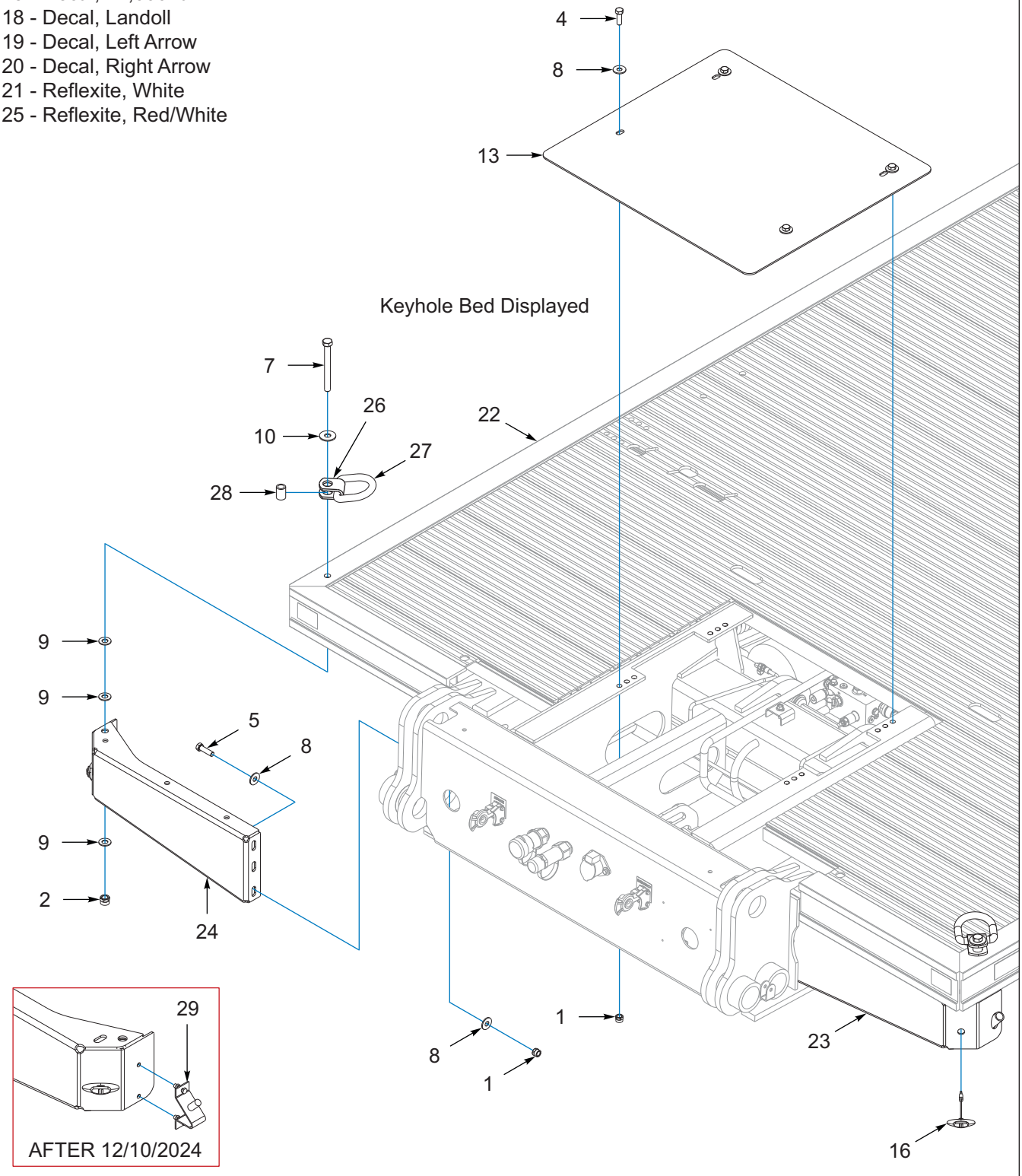


Figure 2-9: Bed Assembly, Aluminum Bolt-On (Options) (2 of 2)

Bed Assembly, Aluminum Bolt-On (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	196242	BED INSTL ALUM 800E 10'-9"G/N **(BED 1 - 10' 9")**	- -
	199125	BED G/N INSTL ALUM 800E **(BED 2 - 12')** **(W/O KEYHOLE TIEDOWNS)**	- -
	196243	BED INSTL ALUM 800E KH 12' G/N **(BED 2 - 12')** **(W/ KEYHOLE TIEDOWNS)**	
	199134	BED INSTL ALUM 835/845 HD G/N **(BED 3 - 12' HD)** **(W/O KEYHOLE TIEDOWNS)**	- -
	218163	BED INSTL ALUM 835/845 HD G/N **(BED 3 - 12' HD)** **(W/ KEYHOLE TIEDOWNS)**	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	10
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	6
3	1-512-010007-11	NUT, HEX 5/8-11 GR2 ZP **(JAM NUT ADDED AFTER 01/08/2024)**	4
4	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
5	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	6
6	1-654-010059-09	SCREW 5/8-11UNCX3 HX CP GR5	4
7	1-654-010059-17	SCREW,HX CP,5/8-11UNCX6 GR5	2
8	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	16
9	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	6
10	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	10
11	105-0327	LOCTITE, 242-31, 5OCC BOTTLE **(USED ON ALL BED MOUNT NUTS)**	.02
12	107-0039	10X3/4LGSELF-TAP SCR TYPEB HE	4
13	171915	PLATE COVER WINCH OPENING **(COVER AND MOUNTING HARDWARE USED WHEN THE WINCH IS NOT AVAILABLE)**	1
14	182090	BELT 4" WIDE X 108" **(BED 1)**	2
14	182073	BELT 4" WIDE X 120" **(BED 2)**	2
14	182072	BELT 4" WIDE X 110" **(BED 3)**	2
15	186009	DECAL, 14,000 LB ALUM BED **(DECALS - SEE PAGE 1-5)**	2
16	213297	LIGHT YEL CLEAR LENS MKR **(SOLD SEPERATELY)** **(ELECTRICAL - SEE PAGE 11-1)**	2
17	191543	ADHESIVE, LEXEL CAULK **(APPLY BETWEEN BELT & BED)**	0.5
18	196167	DECAL LANDOLL SMALL **(DECALS - SEE PAGE 1-5)**	2
19	196168	DECAL ARROW SMALL 2LH **(DECALS - SEE PAGE 1-5)**	2
20	196169	DECAL ARROW SMALL 2RH **(DECALS - SEE PAGE 1-5)**	2
21	202578	REFLEXITE WHITE 3" LENGTH **(DECALS - SEE PAGE 1-5)**	2
22	174540	BED WLDMT ALUM 835-AG 10'9" **(BED 1 WO/ KEYHOLES - NOT SHOWN)**	1
22	171910	BED WLDMT ALUM 835-AG G/N **(BED 2 - WO/ KEYHOLES - NOT SHOWN)**	1
22	174031	BED WLDMT ALUM KH 825/835 G/N **(BED 2 - WO/ KEYHOLES- NOT SHOWN)**	1
22	179891	BED WLDMT ALUM 835 HD G/N **(BED 3 - 12' HD, WO/ KEYHOLES TIEDOWNS - NOT SHOWN)**	1
22	218164	BED WLDMT ALUM 835 HD G/N **(BED 3 - 12' HD, W/ KEYHOLES TIEDOWNS)**	1
23	220309	SUPPORT WLDMT, G/N BED,LH GALV	1
24	220310	SUPPORT WLDMT, G/N BED,RH GALV	1

Bed Assembly, Aluminum Bolt-On (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
25	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(BY THE INCH)** **(DECALS - SEE PAGE 1-5)** **(BED 1, REQ 120) (BED 2, BED 3, REQ 108)**	- -
26	3-793-010018	D-RING SWIVEL 3/4	2
27	3-793-010044	D-RING 3/4	2
28	3-831-010050	TUBING 1" ZP	2
29	161775	BRACKET QUICKMOUNT FLAG **(AFTER 12/10/2024)**	2

Bed Assembly, Wood Bolt-On (Options)

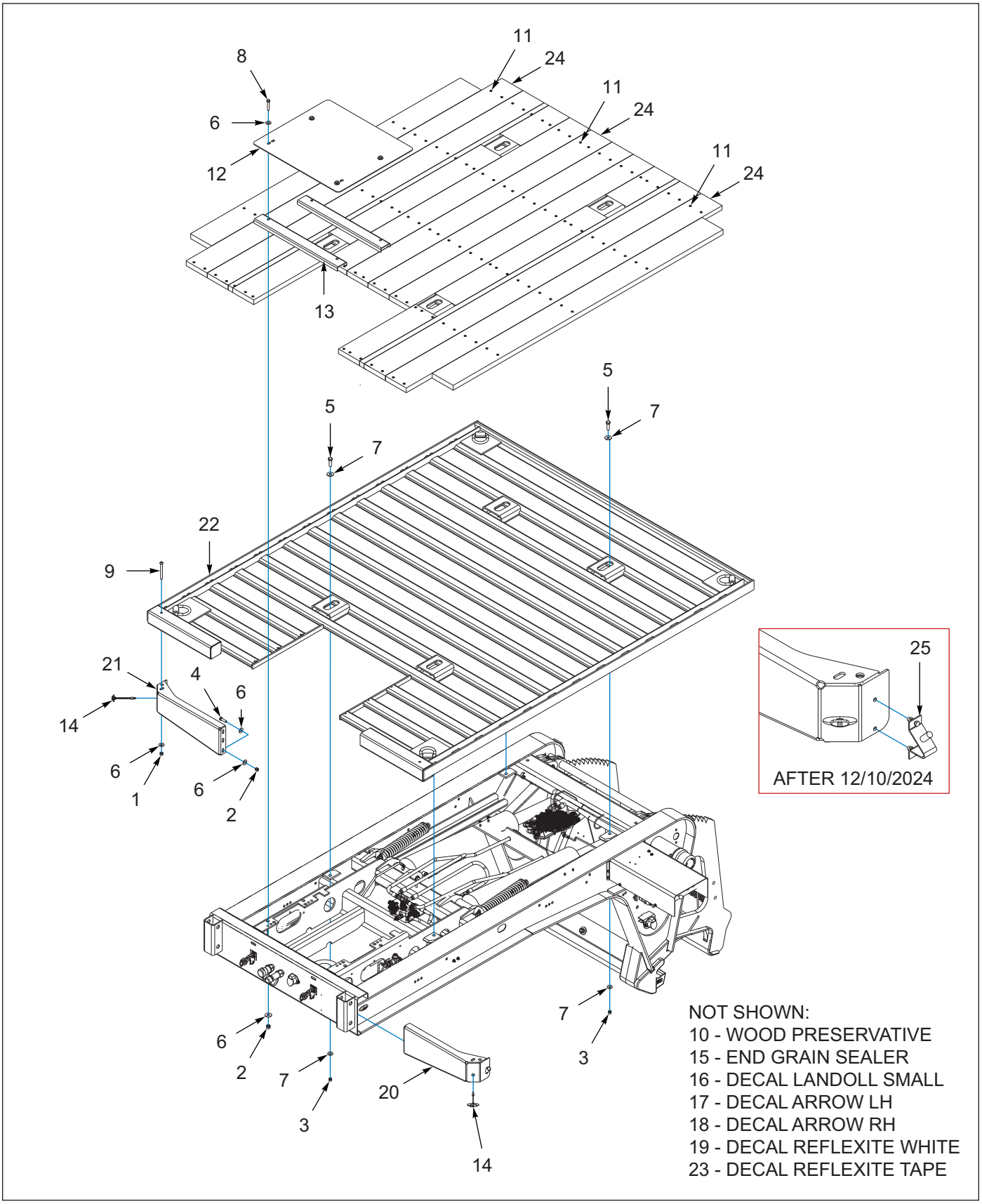


Figure 2-10: Bed Assembly, Wood Bolt-On (Options)

Bed Assembly, Wood Bolt-On (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	232650	BED INSTL STL/WD 800 12'G/N **(BED 1 - 12', REQUIRES ITEMS 1-13, 15-24)**	- -
	232651	BED INSTL STWD 800 12'G/N GALV **(BED 2 - 12' GALV, REQUIRES ITEMS 1-13, 15-24)**	- -
	232664	BED INSTL STL/WD 800 12'G/N **(BED 3 - 12' HD, REQUIRES ITEMS 1-13, 15-24)**	- -
	232665	BED INSTL STWD 12'G/N GALV **(BED 4 - 12' HD GALV, REQUIRES ITEMS 1-13, 15-24)**	- -
1	1-512-010002-09	NUT,HEX SLFLKG,1/2-13,GR C,ZP	2
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	10
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
4	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	6
5	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	4
6	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	18
7	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	8
8	101510	SCREW HXCP1/2-13UNCX2-3/4 G5	4
9	127744	SCREW, BHSC 1/2-13UNCX5	2
10	145499	PRESERVATIVE WOODGUARD **(BY THE GALLON)**	- -
11	158732	SCREW,5/16X2-1/4ZP TORX FLOOR	130
12	171915	PLATE COVER WINCH OPENING	1
13	179011	SPACER COVER G/N	2
14	187863	LIGHT YEL LED.75CL/MK CLEAR CB **(SOLD SEPERATELY)** **(ELECTRICAL - SEE PAGE 11-1)**	- -
15	194465	IPE WOOD END GRAIN SEALER **(BY THE GALLON)**	- -
16	196167	DECAL LANDOLL SMALL **(DECALS - SEE PAGE 1-5)**	2
17	196168	DECAL ARROW SMALL 2LH **(DECALS - SEE PAGE 1-5)**	2
18	196169	DECAL ARROW SMALL 2RH **(DECALS - SEE PAGE 1-5)**	2
19	202578	REFLEXITE WHITE 3" LENGTH **(DECALS - SEE PAGE 1-5)**	2
20	220309	SUPPORT WLDMT, G/N BED,LH GALV	1
21	220310	SUPPORT WLDMT, G/N BED,RH GALV	1
22	232654	GALV OF 232562 G/N BED **(12' STANDARD DUTY)**	1
22	232668	GALV OF 232666 G/N BED **(12' HEAVY DUTY)**	1
23	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT **(DECALS - SEE PAGE 1-5)**	164
24	RWD34999	APITONG, 1-1/2 X 7-3/4 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -
25	161775	BRACKET QUICKMOUNT FLAG **(AFTER 12/10/2024)**	2

Bed Assembly, Steel Bolt-On (Options)

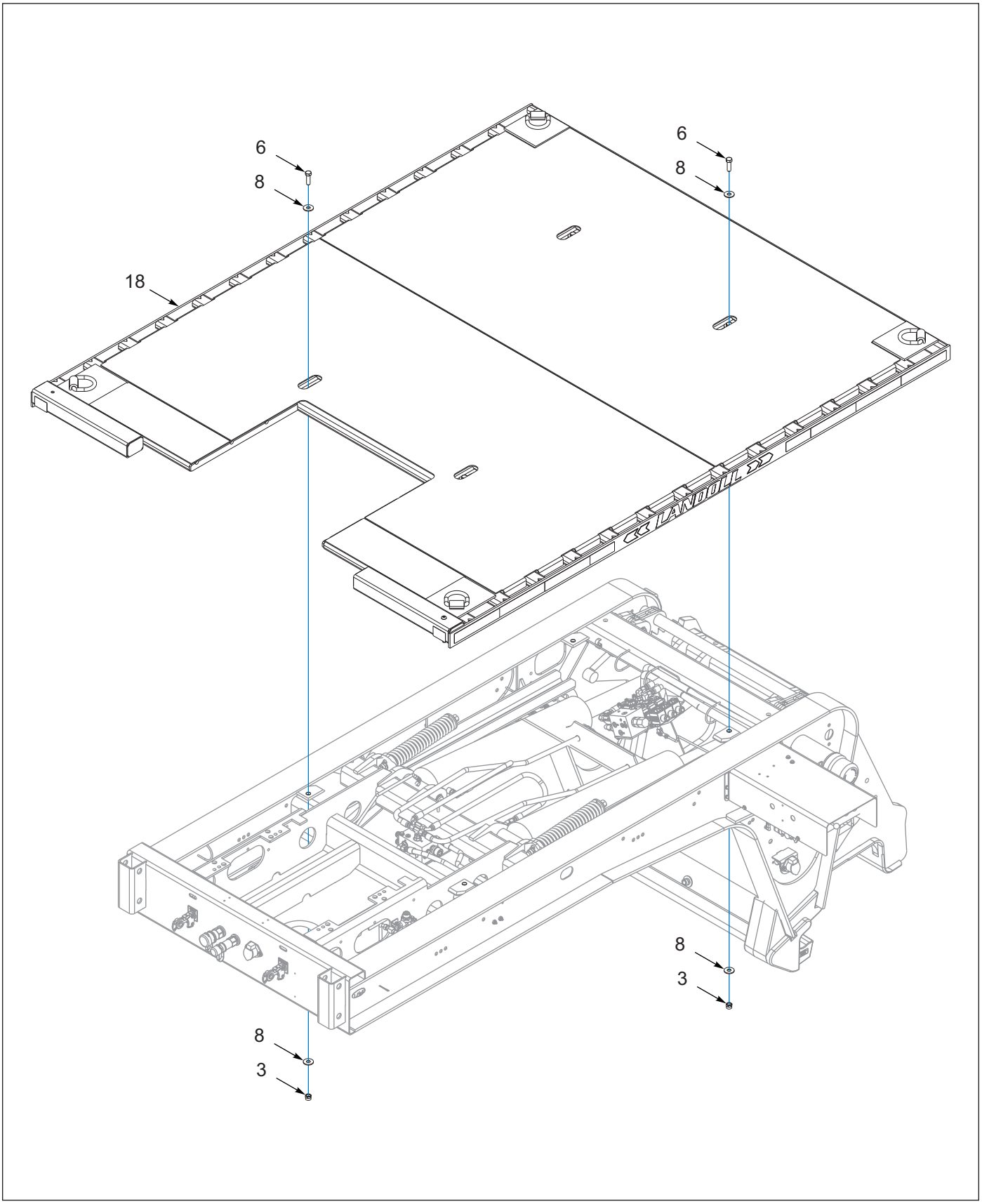


Figure 2-11: Bed Assembly, Steel Bolt-On (Options) (1 of 2)

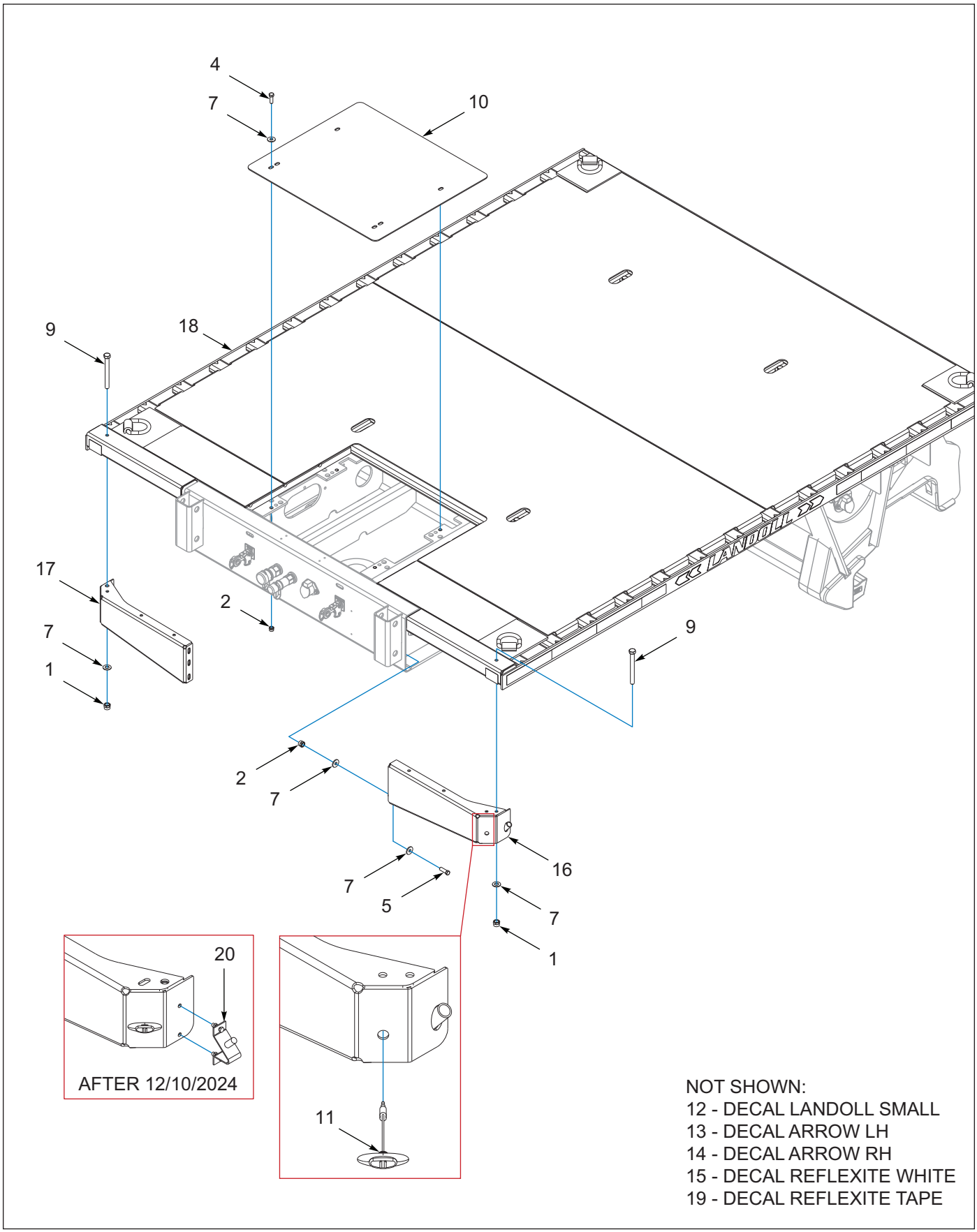


Figure 2-12: Bed Assembly, Steel Bolt-On (Options) (2 of 2)

Bed Assembly, Steel Bolt-On (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	239078	BED INSTL STL 800 12G/N TLRCLR **(BED 1, REQUIRES 1-10, 12-19)**	- -
	239079	BED INSTL STL 800 12G/N GALV **(BED 2 - GALV, REQUIRES 1-10, 12-19)**	- -
1	1-512-010002-09	NUT,HEX SLFLKG,1/2-13,GR C,ZP	2
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	10
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
4	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
5	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	6
6	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	4
7	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	18
8	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	8
9	127744	SCREW, BHSC 1/2-13UNCX5	2
10	171915	PLATE COVER WINCH OPENING	1
11	187863	LIGHT YEL LED.75CL/MK CLEAR CB **(SOLD SEPERATELY)** **(ELECTRICAL - SEE PAGE 11-1)**	- -
12	196167	DECAL LANDOLL SMALL **(DECALS - SEE PAGE 1-5)**	2
13	196168	DECAL ARROW SMALL 2LH **(DECALS - SEE PAGE 1-5)**	2
14	196169	DECAL ARROW SMALL 2RH **(DECALS - SEE PAGE 1-5)**	2
15	202578	REFLEXITE WHITE 3" LENGTH **(DECALS - SEE PAGE 1-5)**	2
16	220309	SUPPORT WLDMT, G/N BED,LH GALV	1
17	220310	SUPPORT WLDMT, G/N BED,RH GALV	1
18	239081	BED STL G/N 239080 PTD TLR CLR **(BED 1)**	1
18	239082	BED STL G/N 239080 GALVANIZED **(BED 2)**	1
19	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT**(BY THE INCH)** **(DECALS - SEE PAGE 1-5)**	164
20	161775	BRACKET QUICKMOUNT FLAG **(AFTER 12/10/2024)**	2

Table provided for general use.

NOTES:

Bed Assembly, Steel Weld-On (Options)

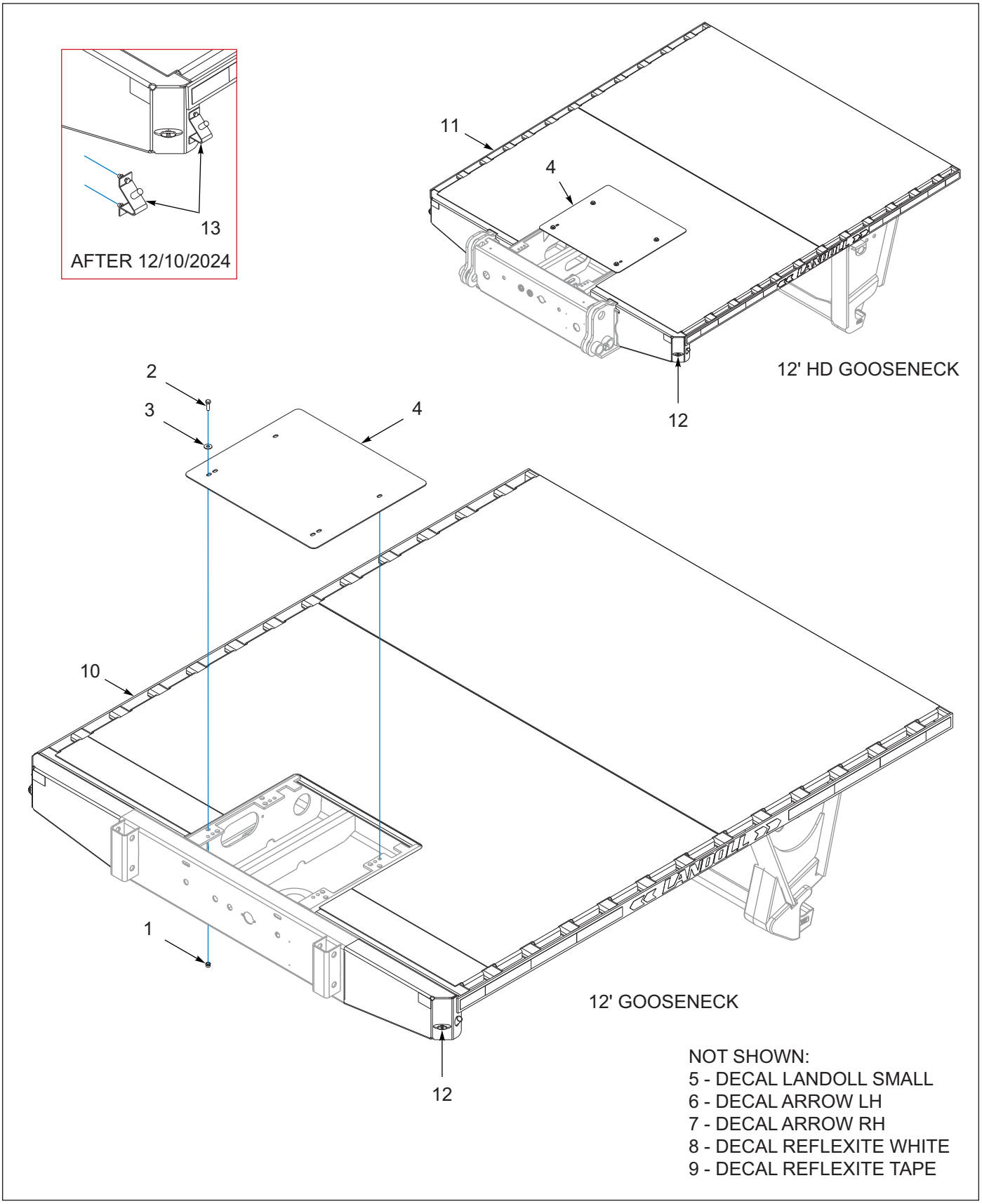


Figure 2-13: Bed Assembly, Steel Weld-On (Options)

Bed Assembly, Steel Weld-On (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	199927	BED INSTL STEEL 800E 12' G/N **(BED 1 - 12' GN, REQUIRES ITEMS 1-10)**	- -
	209887	BED ASSY STEEL 835/845 HD G/N **(BED 2 - 12'HD GN, REQUIRES ITEMS 1-9, 11)**	- -
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	4
4	171915	PLATE COVER WINCH OPENING	1
5	196167	DECAL LANDOLL SMALL **(DECALS - SEE PAGE 1-5)**	2
6	196168	DECAL ARROW SMALL 2LH **(DECALS - SEE PAGE 1-5)**	2
7	196169	DECAL ARROW SMALL 2RH **(DECALS - SEE PAGE 1-5)**	2
8	202578	REFLEXITE WHITE 3" LENGTH **(DECALS - SEE PAGE 1-5)**	2
9	3-573-010377	DECAL,2"REFLEXITE TAPE,RD/WHT**(BY THE INCH)** **(DECALS - SEE PAGE 1-5)**	164
10	199928	BED WLDMT STL DK 800E 12' G/N **(BED 1)**	1
11	209890	BED INSTL STEEL 835/845 HD G/N **(BED 2)**	1
12	187863	LIGHT YEL LED.75CL/MK CLEAR CB **(SOLD SEPERATELY)** **(ELECTRICAL - SEE PAGE 11-1)**	- -
13	161775	BRACKET QUICKMOUNT FLAG **(209887) (AFTER 12/10/2024)**	2

Bulkhead Assemblies (Options)

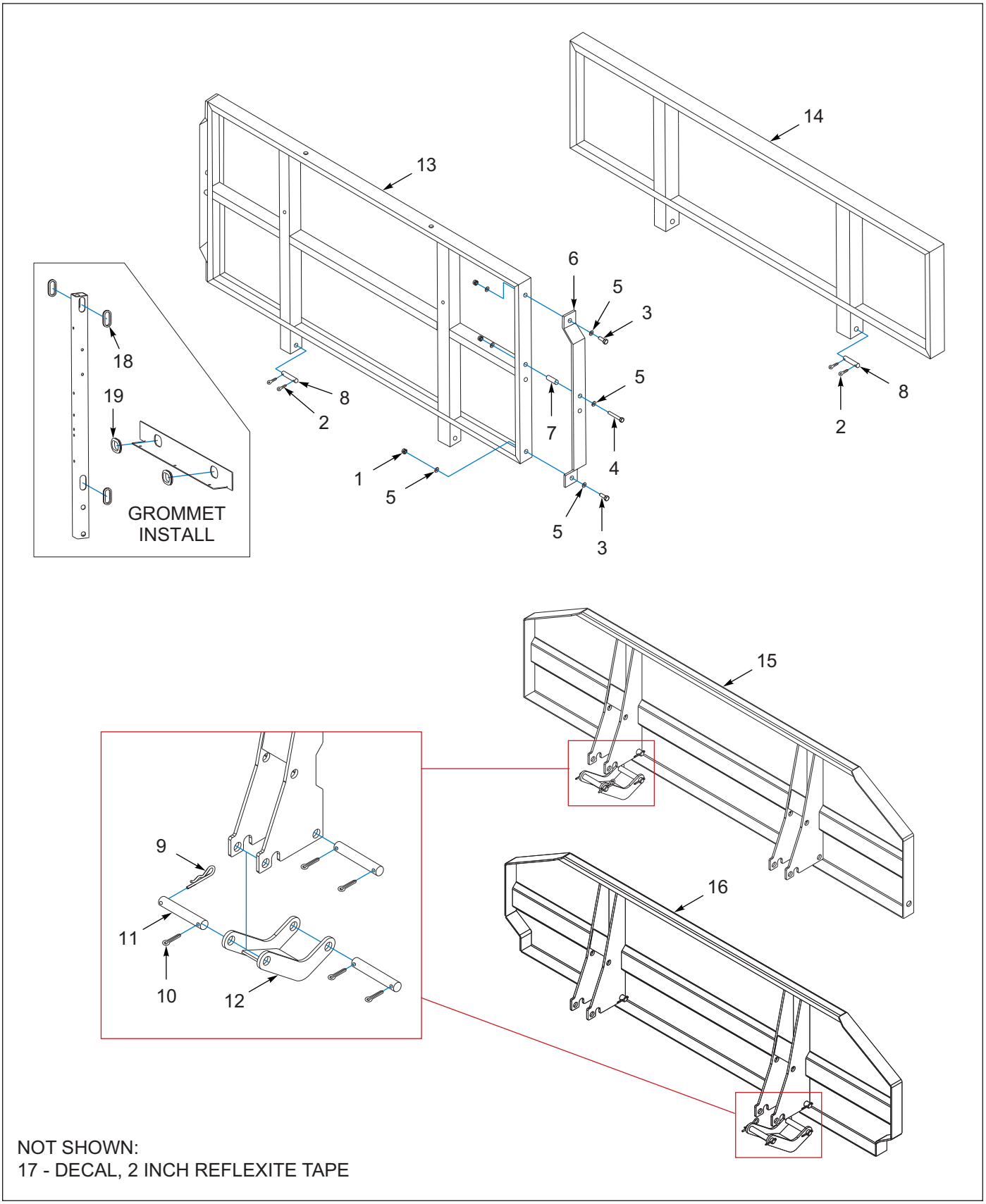


Figure 2-14: Bulkhead Assemblies (Options)

Bulkhead Assemblies (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	225881	GALV BULKHEAD INSTL 48"X102" **(INCLUDES ITEMS 1-8, 13, 17)**	- -
	3-141-010121-3	BULKHEAD INSTL, 16X102 RIGID **(INCLUDES ITEMS 2, 8, 14, 17)**	- -
	3-141-010123-4	BULKHEAD INSTL 16X24 2POSN **(INCLUDES ITEMS 9-12, 15, 17)**	- -
	240012	GALV EXTENSION INSTL MOD 16/24 **(INCLUDES ITEMS 9-12, 16)**	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	6
2	1-557-010362-63	PIN,COTTER 1/4X2 ZP	4
3	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
4	1-654-010055-13	SCREW,HEX CAP,1/2-13UNCX4 GR5	2
5	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	12
6	245785	BAR,SIDE,48",BULKHEAD,102"EXT **(BLACK PAINT)**	2
7	3-711-010025	SPACER, 48" BULKHEAD, 1 DIA	2
8	6-557-010163	PIN HITCH LEVELING LINK	2
9	1-557-010014	PIN, HAIR 1/4 DIA	2
10	1-557-010362-63	PIN,COTTER 1/4X2 ZP	10
11	3-557-010380	PIN, SUPPORT BULKHEAD	6
12	239924	GALV OF 3-755-010080 (SPRT)	2
13	225880	GALV OF 3-141-010155 (48X96BH)	1
14	3-141-010152	BULKHEAD WLDMT 16X102 RIGID	1
15	3-141-010147	BULKHEAD WLDMT 16/24X102 2POS	1
16	240011	GALV OF 135268 (EXT 16/24)	1
17	3-573-010378	DECAL,2"REFLEXITE TAPE,WHITE **(NOT SHOWN) (BY THE INCH) (ALL EXCEPT 240012)**	49
18	234683	GROMMET, HOLE 2-1/2IN-1/4T **(AFTER 09/15/20223)**	6
19	143114	GROMMET OVAL GROTE **(BEFORE 09/15/2023)**	2
19	234688	GROMMET, HOLE 3IN-3/16T **(AFTER 09/15/20223)**	2

Cover Assembly, Aluminum (Option)

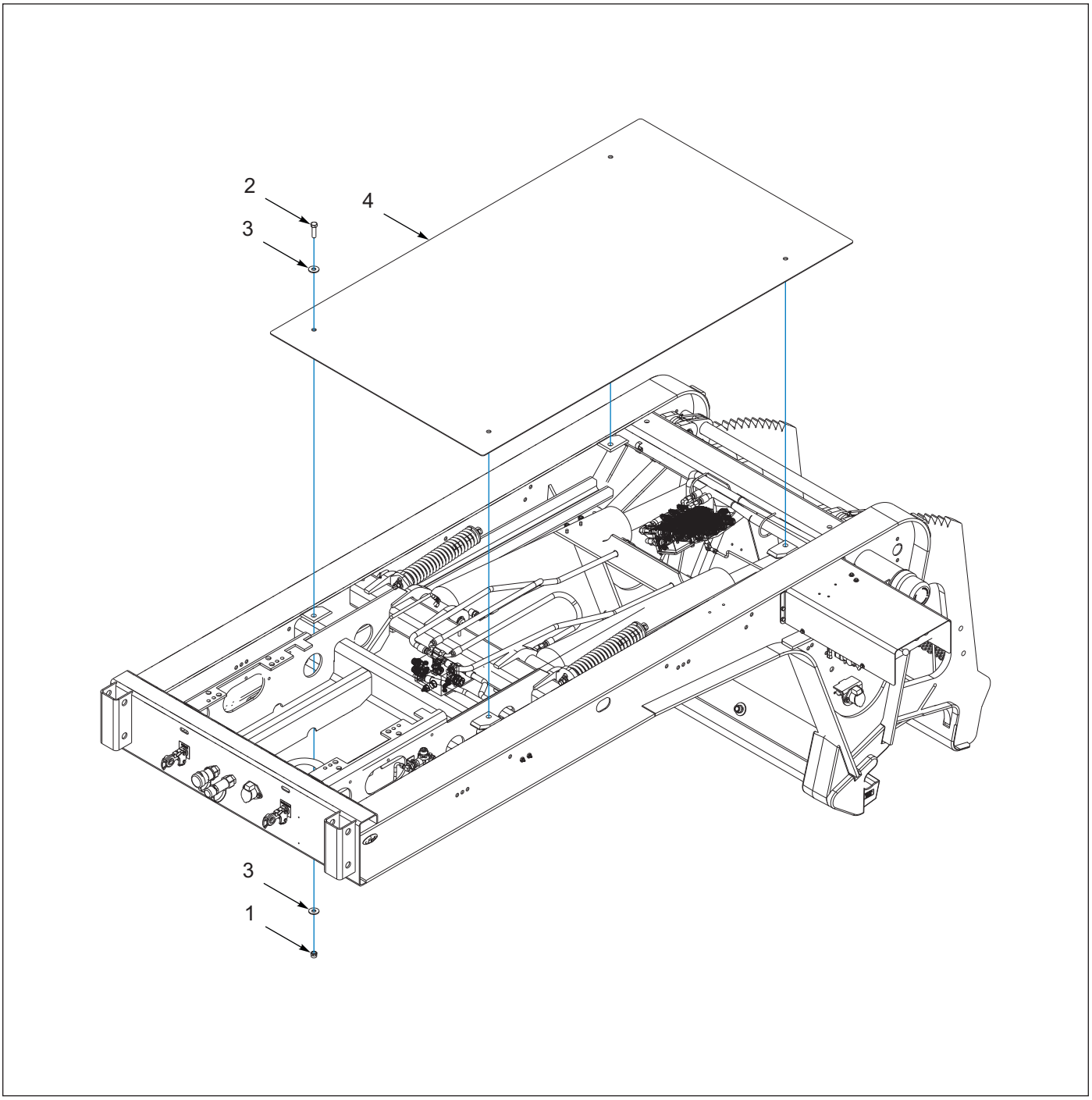


Figure 2-15: Cover Assembly, Aluminum (Option)

Cover Assembly, Aluminum (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	168531	COVER ASSY 835-D G/N	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
2	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	4
3	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
4	168518	COVER 835-D G/N TOP ALUM	1

Table provided for general use.

NOTES:

Mud Flap Assembly, Gooseneck (Option)

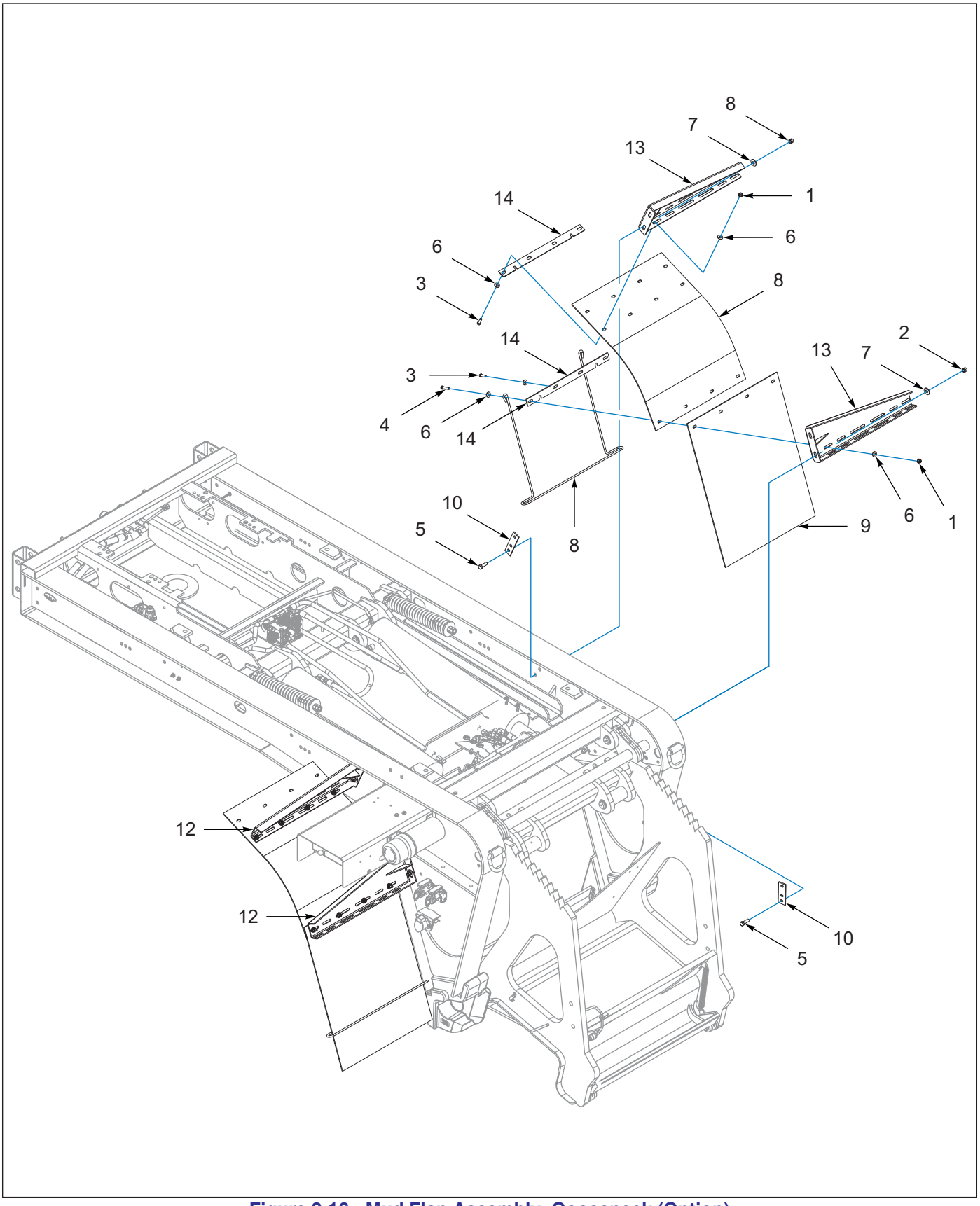


Figure 2-16: Mud Flap Assembly, Gooseneck (Option)

Mud Flap Assembly, Gooseneck (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 and Fender Assembly, Gooseneck (Options)

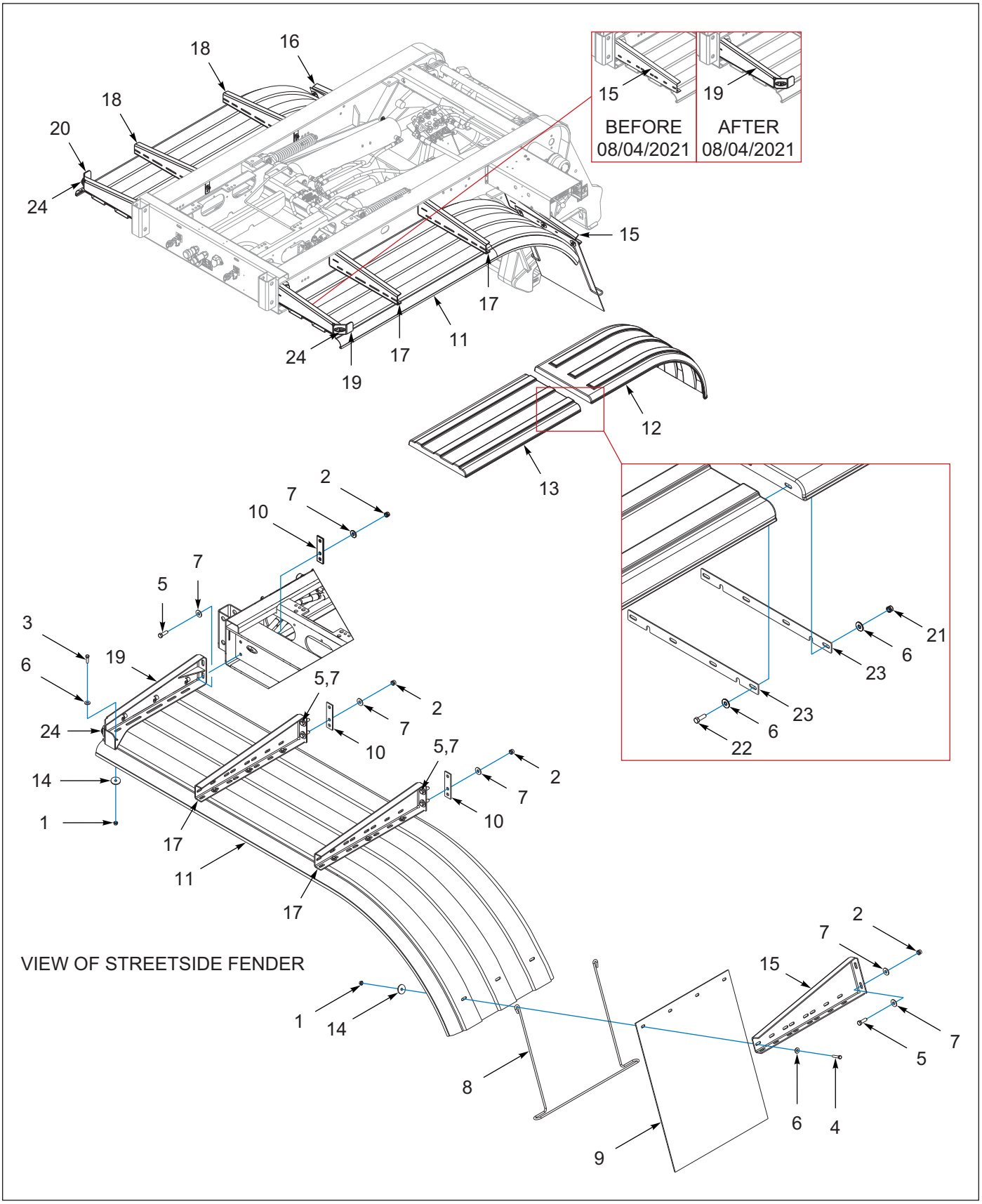


Figure 2-17: Mud Flap and Fender Assembly, Gooseneck (Options)

Mud Flap and Fender Assembly, Gooseneck (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	172298	INSTL,POLY FENDERS, 835 G/N **(12' GN)**	- -
		(REF 1) (1-PIECE FENDER) (INCLUDES ITEMS 1-11, 14-20)	
	220283	GALV OF 172298 (FENDER INSTL) **(12' GN)**	- -
		(REF 1) (1-PIECE FENDER) (INCLUDES ITEMS 1-11, 14-20)	
	174545	FENDER ASSY 835 10'9" G/N **(10' 9" GN)**	- -
		(REF 2) (1-PIECE FENDER) (INCLUDES ITEMS 1-11, 14-20)	
	174037	FENDER INSTL G/N BLK MINIMIZER	- -
		(REF 3) (2-PIECE FENDER) (INCLUDES ITEMS 1-10, 12-23)	
1	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G	24
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	16
3	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4 **(3 PER SUPPORT)**	18
4	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5 **(3 PER REAR SUPPORT)**	6
5	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	16
6	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	- -
		(REF 1 & 2, REQ 24 EACH) (REF 3, REQ 40 EACH)	
7	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	32
8	128886	BRACKET ANTI-SAIL MUD FLAP	2
9	131195	MUD FLAP BLACK POLYMER 24X30	2
10	136908	DOUBLER FENDER MOUNTING	6
11	147304	FENDER PLASTIC 26-3/8 X 105	1
		(REF 1) (1-PIECE FENDER, SOLD AS A PAIR)	
11	174546	FENDER MOD 835 10'9" G/N	2
		(REF 2) (1-PIECE FENDER, SOLD AS A PAIR)	
12	174038	FENDER SECT CURVE BLACK POLY	2
		(REF 3) (2-PIECE FENDER, SOLD INDIVIDUALLY)	
13	174039	FENDER SECT STRAIGHT BLK POLY	2
		(REF 3) (2-PIECE FENDER, SOLD INDIVIDUALLY)	
14	159522	WASHER FLAT 2 OD X 13/32 ID	24
15	220271	GALV OF 194149 (MUDFLAP MT) **(STREETSIDE)**	1
16	220272	GALV OF 194148 (MUDFLAP MT) **(CURBSIDE)**	1
17	220301	GALV OF 194153 (MUDFLAP MT) **(STREETSIDE)**	2
		(BEFORE 08/04/2021, REQ 3 EACH)	
18	220302	GALV OF 194152 (MUDFLAP MT) **(CURBSIDE)**	2
		(BEFORE 08/04/2021, REQ 3 EACH)	
19	236552	GALV OF 236558 (FNDR SPT RH) **(STREETSIDE)**	1
		(AFTER 08/04/2021)	
20	236554	GALV OF 236559 (FNDR SPT LH) **(CURBSIDE) (AFTER 08/04/2021)**	1
21	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	8
		(REF 3, REQ 4 EACH PER FENDER)	
22	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	8
		(REF 3. REQ 4 EACH PER FENDER)	
23	3-762-010017	CLAMP MUD FLAP **(REF 3)**	4
24	213297	LIGHT YEL CLEAR LENS MKR **(SOLD SEPERATELY)**	2
		(AFTER 08/04/2021) (ELECTRICAL - SEE PAGE 11-1)	

Trailer Assembly

Control Box Assemblies, Suspension and Scale, AG

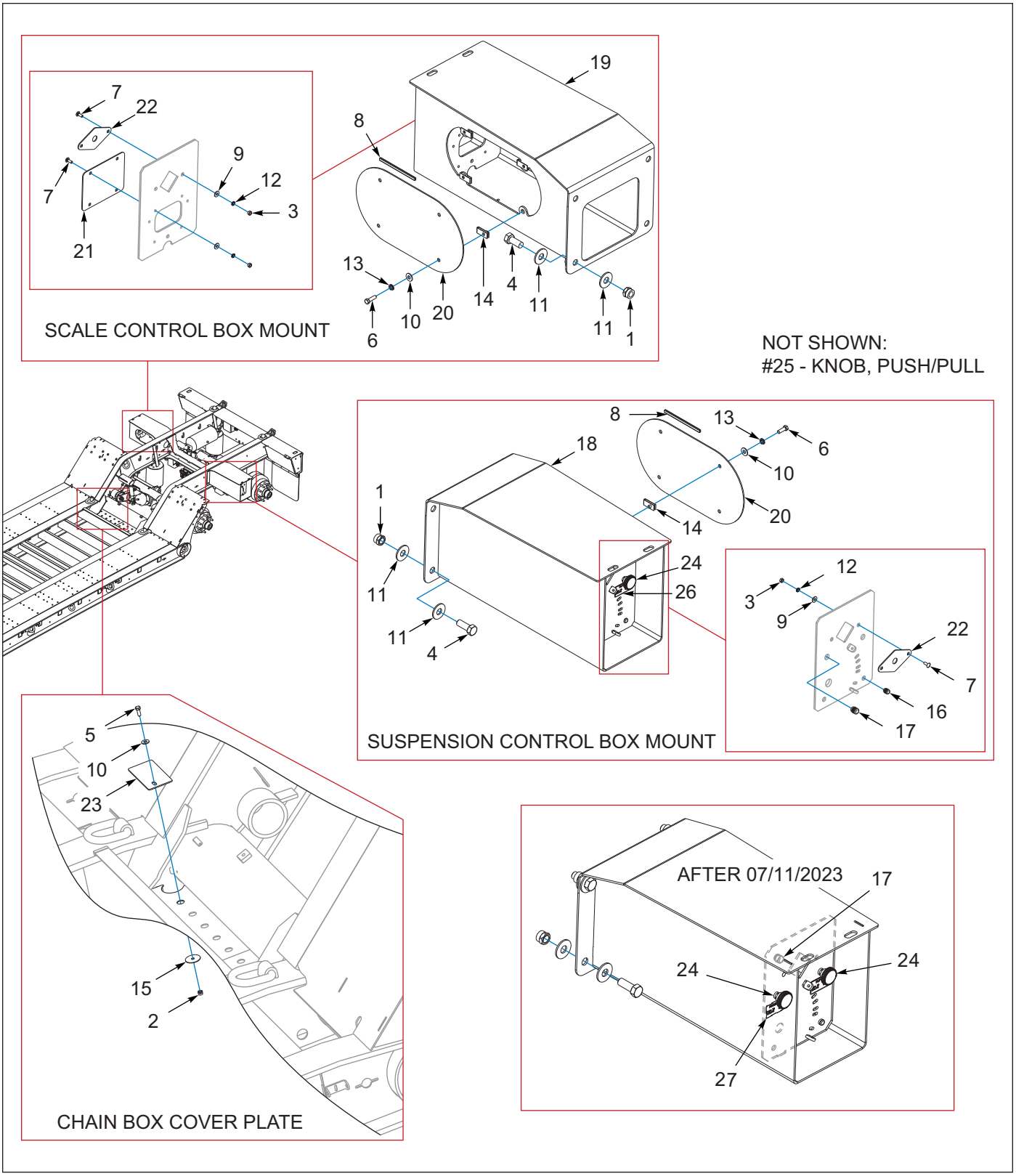


Figure 3-1: Control Box Assembly, Suspension and Scale, AG 2 Axle

Control Box Assembly, Suspension and Scale, AG 2 Axle

ITEM	PART NUMBER	DESCRIPTION	QTY
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
1	1-512-010002-15	NUT,HEX SLFLKG 3/4-10 GRC	8
2	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16 **(ADDED 03/01/2022)**	1
3	1-512-010007-05	NUT, HEX 1/4-20 GR2 ZP	8
4	1-654-010032-05	SCREW HEX CAP 3/4-10X2 GR8	8
5	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5 **(ADDED 03/01/2022)**	1
6	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	8
7	1-654-010158-1	SCREW,RHD,SQ NCK,1/4-20UNCX3/4	8
8	1-822-010002	TRIM-LOK 3/16 **(BY THE FOOT) (ADDED 08/09/2021)**	8
9	1-861-010032-07	WASHER,FLAT 1/4 ZP	8
10	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD **(BEFORE 03/01/2022, REQ 8 EACH)**	9
11	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	16
12	1-861-010034-09	WASHER, LKG HLCL SPR, 1/4	8
13	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	8
14	133732	NUT,EXTRUD U 3/8-16	8
15	162551	WASHER, FENDER 3/8X2 **(ADDED 03/01/2022)**	1
16	189278	PLUG, PLASTIC PANEL 1/2 & 9/16	1
17	202355	PLUG, PLASTIC PANEL 11/16 **(BEFORE 09/11/2023, QTY=1)**	2
18	223114	GALV OF 223107 CONTROL BOX **(STREETSIDE)**	1
19	223115	GALV OF 223108 SCALE BOX **(CURBSIDE)**	1
20	223117	GALV OF 223116 ACCESS COVER	2
21	223127	PLATE,COVER.WEIGH SCALE MTG	1
22	223128	PLATE,MTG,MARKER LIGHT	2
23	235783	COVER,ACCESS HOLE,CHAIN BOX **(ADDED 03/01/2022)**	1
24	223149	VALVE,AIR 3WAY/2POS 3/8NPT **(FLIP AXLE OPTION ONLY) (INCLUDES ITEM 25)**	1
25	227010	KNOB REPL PUSH/PULL H10 **(NOT SHOWN, INCLUDED WITH ITEM 24)**	1
26	225267	DECAL,DEFLATE FLIP AXLE **(FLIP AXLE OPTION ONLY)**	1
27	239165	DECAL,DEFLATE FRAME AXLES **(DUMP VALVE)**	1

Covers, Trunnion Slope Assembly (Option)

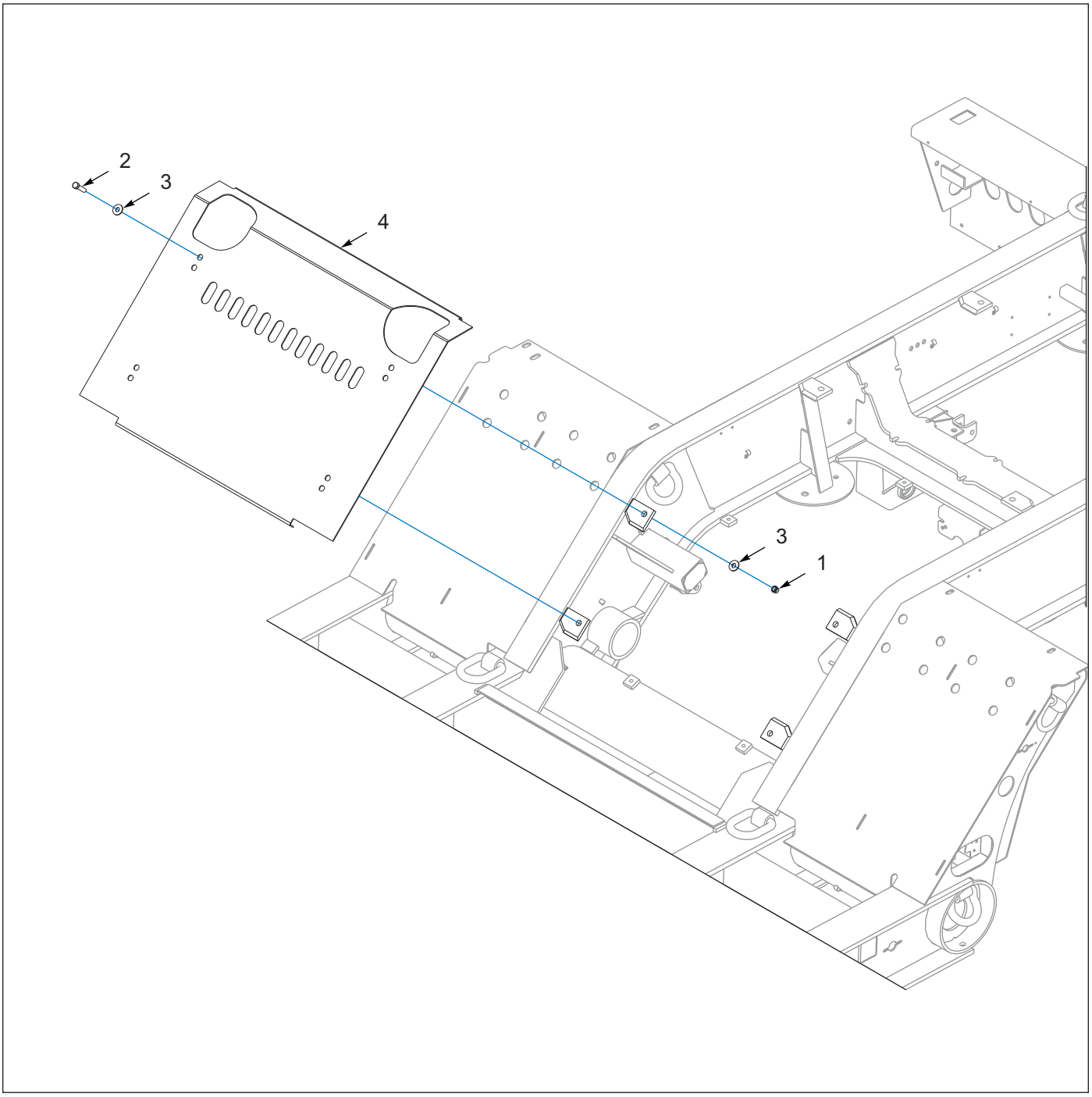


Figure 3-2: Covers, Trunnion Slope Assembly (Option)

Covers, Trunnion Slope Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	135811	SLOPE COVER ASSY, 835	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
2	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	4
3	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
4	230496	PLT, SLOPE COVER 835 GALV	1

Table provided for general use.

NOTES:

Decking, Center Section, Wood (Option)

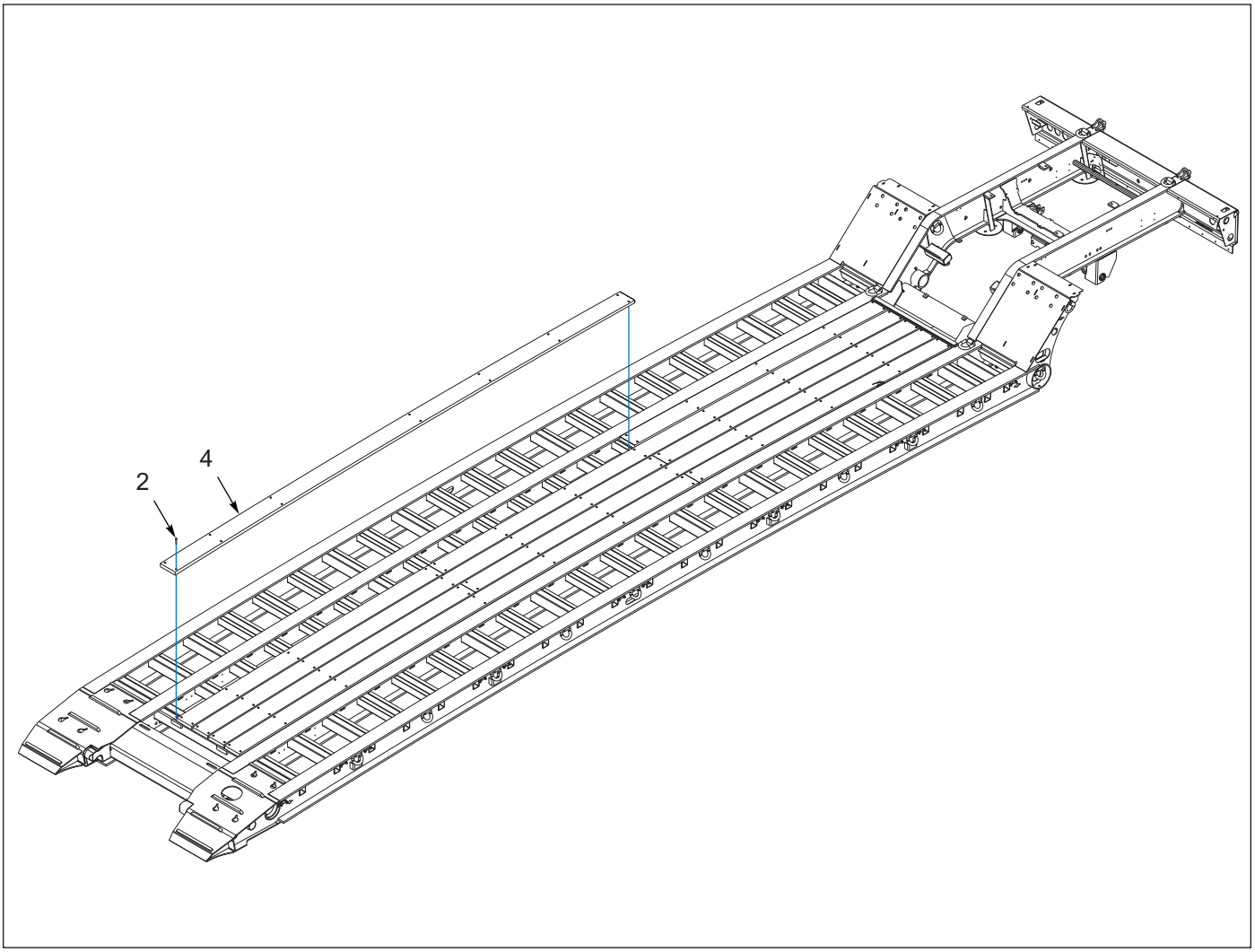


Figure 3-3: Decking, Center Section, Wood

Decking, Center Section, Wood (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	105292	DECK WD 1-1/2 APTG CTR 825-30	- -
	105293	DECK WD 1-1/2APTG CTR 825-28	- -
	120649	DECK WOOD CENTER 835-27' APT	- -
	150109	DECK WD 1-1/2 APTG CTR 835-32	- -
1	145499	PRESERVATIVE WOODGUARD **(BOARD SEALER NOT SHOWN)** **(BY THE GALLON)**	- -
2	158732	SCREW,5/16X2-1/4ZP TORX FLOOR **(105292, REQ 236 EACH)** **(105293, REQ 215 EACH)** **(120649, REQ 205 EACH)** **(150109, REQ 270 EACH)**	- -
3	194465	IPE WOOD END GRAIN SEALER **(END SEALER NOT SHOWN)** **(BY THE GALLON)**	- -
4	RWD34999	APITONG, 1-1/2 X 7-3/4 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -

Decking, Track Section, Wood

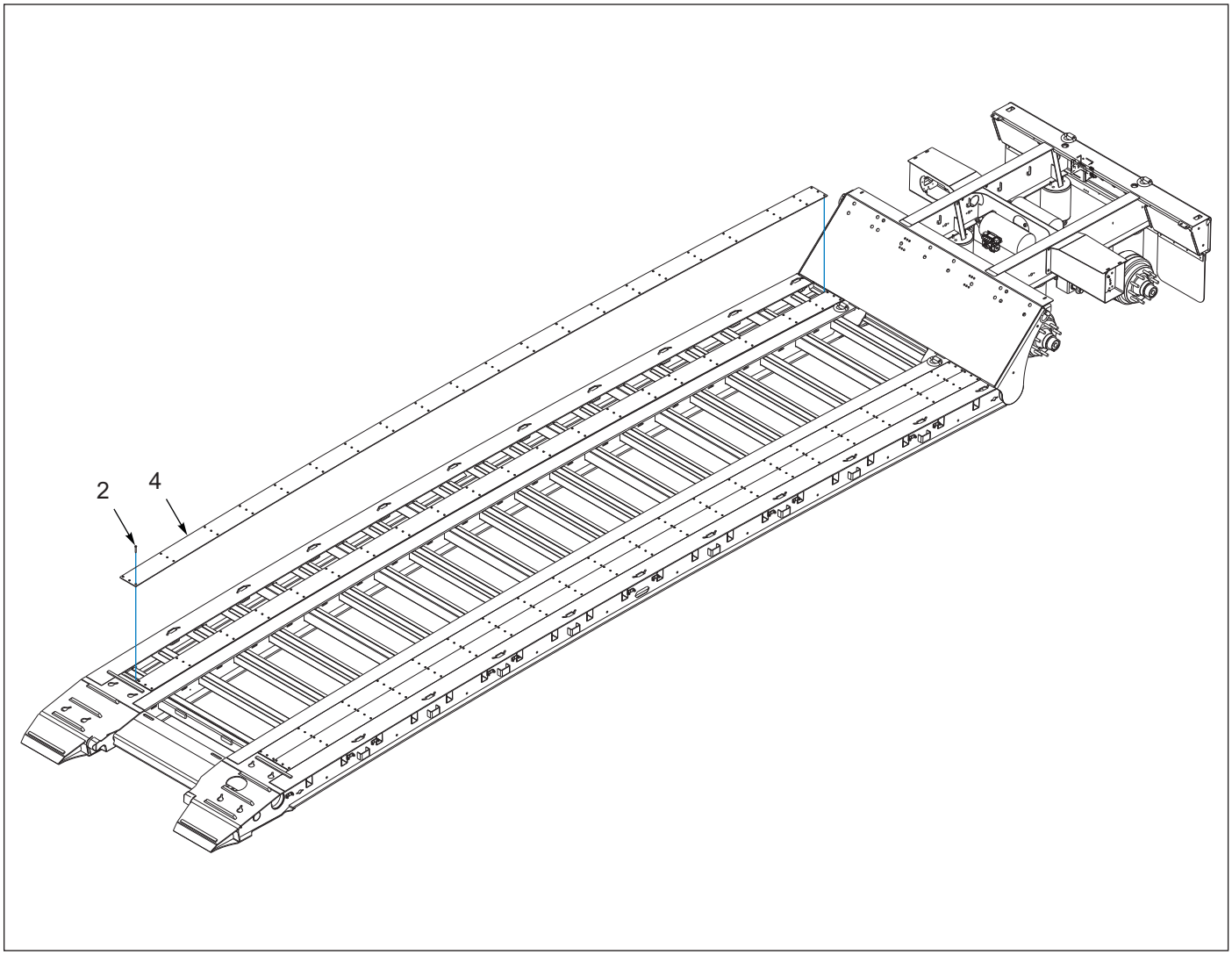


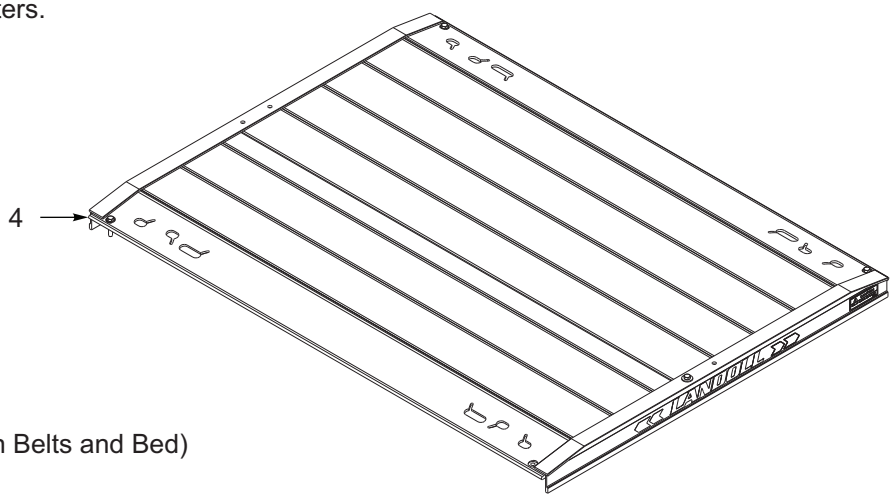
Figure 3-4: Decking, Track Section, Wood

Decking, Track Section, Wood

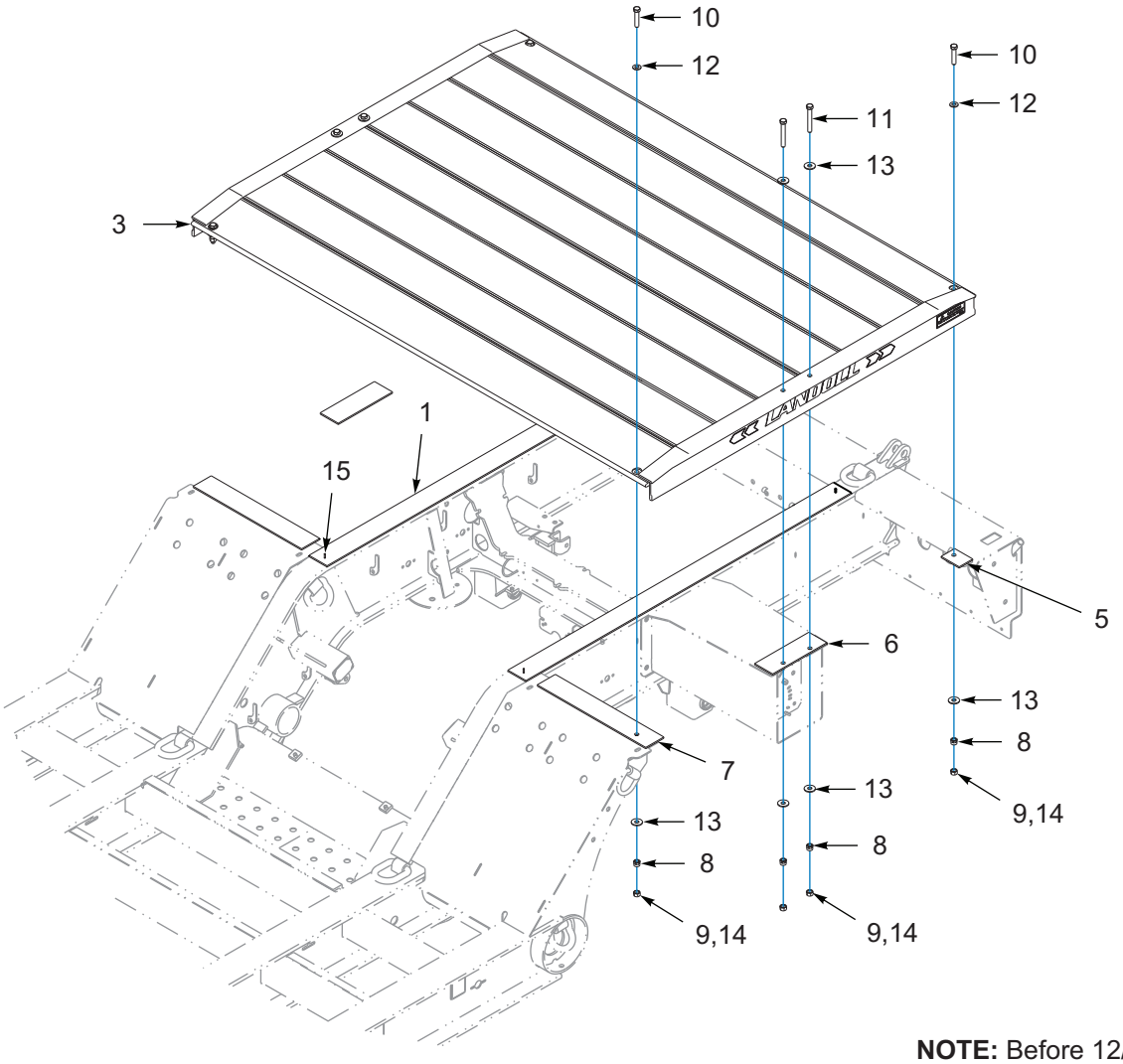
ITEM	PART NUMBER	DESCRIPTION	QTY
	225212	FRAME ASSY 845F-32 2AX 54SPD	- -
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
1	145499	PRESERVATIVE WOODGUARD **(BOARD SEALER NOT SHOWN)** **(BY THE GALLON)**	.5
2	158732	SCREW,5/16X2-1/4ZP TORX FLOOR **(225212, 225394, REQ 340 EACH)** **(230037, REQ 225 EACH)** **(232517, 232518, REQ 368 EACH)**	- -
3	194465	IPE WOOD END GRAIN SEALER **(END SEALER NOT SHOWN)** **(BY THE GALLON)**	.07
4	RWD34999	APITONG, 1-1/2 X 7-3/4 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -

Bed, Trunnion, Alum. 2 Axle (Options)

NOTE: (50") and (54") within the Item Description indicates distance between Axle Centers.



NOT SHOWN:
2 - Adhesive, Lexal, (Applied between Belts and Bed)
16 - Decals



NOTE: Before 12/13/2023, 1/2” Mounting Hardware Used.

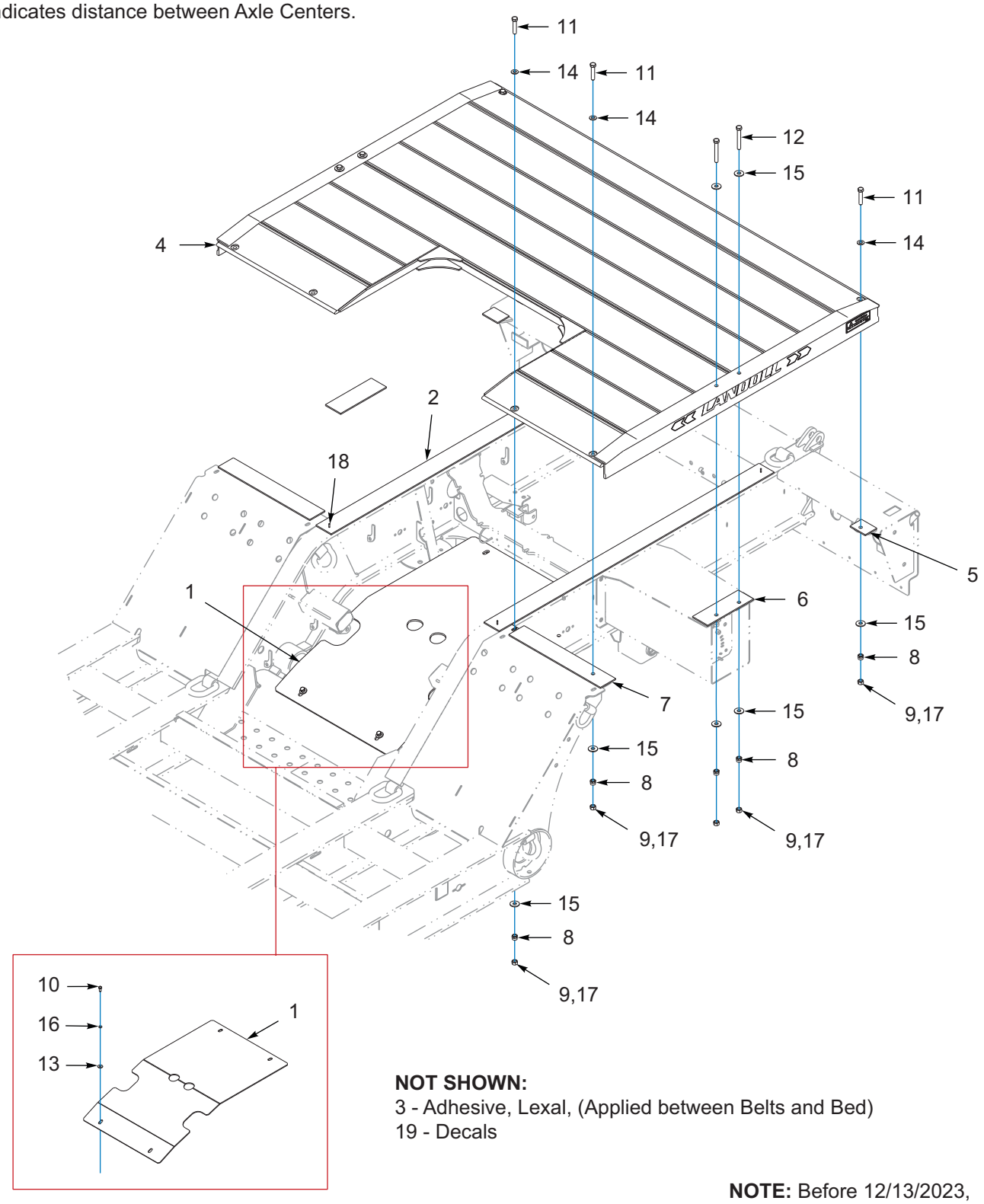
Figure 3-5: Bed, Trunnion, Alum. 2 Axle (Options)

Bed, Trunnion, Alum. 2 Axle (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	225406	BED INSTL,ALUM,2AX 50SPD 800 **(50", 102")**	- -
	225326	BED INSTL.ALUM,2AX-54SPD 800 **(54", 102")**	- -
	225319	BED INSTL,ALUM,2AX-54SPD 800 **(54", 102" W/ KEYHOLES)**	- -
1	182070	BELT 4" WIDE X 72" **(50")**	2
1	224952	BELT 4" WIDE X 75" **(54")**	2
2	191543	ADHESIVE, LEXEL CAULK	1
3	225407	BED WLDMT,ALUM,2AX 50SPD 800 **(50")**	1
3	225327	BED WLDMT,ALUM,2AX-54SPD 800 **(54")**	1
4	225320	BED WLDMT ALUM 2AX-54SPD 800 **(54", W/ KEYHOLES)**	1
5	242508	BELT 4" WIDE X 3"	2
6	242509	BELT 4" WIDE X 12"	2
7	249591	BELT 4" WIDE X 24"	2
8	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
9	1-512-010007-11	NUT, HEX 5/8-11 GR2 ZP	8
10	1-654-010059-09	SCREW 5/8-11UNCX3 HX CP GR5	4
11	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5	4
12	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	4
13	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	12
14	105-0327	LOCTITE, 242-31, 5OCC BOTTLE **(USED ON ALL BED MOUNT NUTS)**	1
15	107-0039	10X3/4LGSELF-TAP SCR TYPEB HE	4
16	- - - - -	DECALS **(PLACEMENT - SEE PAGE 1-13)**	- -

Bed, Trunnion, Alum. 2 Axle, Cutout & Trough Cover (Options)

NOTE: (50") and (54") within the Item Description indicates distance between Axle Centers.



NOT SHOWN:
3 - Adhesive, Lexal, (Applied between Belts and Bed)
19 - Decals

NOTE: Before 12/13/2023, 1/2” Mounting Hardware Used.

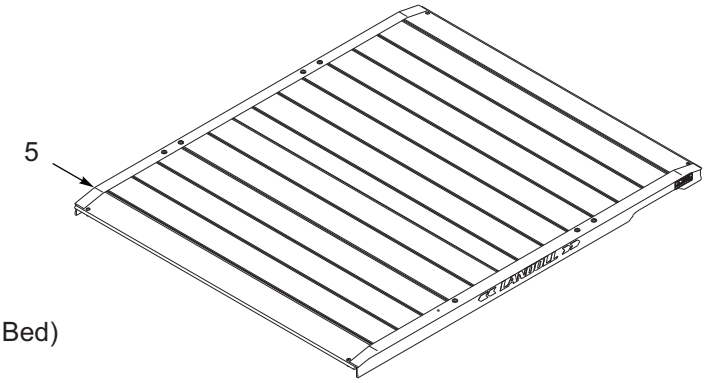
Figure 3-6: Bed, Trunnion, Alum. 2 Axle, Cutout & Trough Cover (Options)

Bed, Trunnion, Alum. 2 Axle, Cutout & Trough Cover (Options)

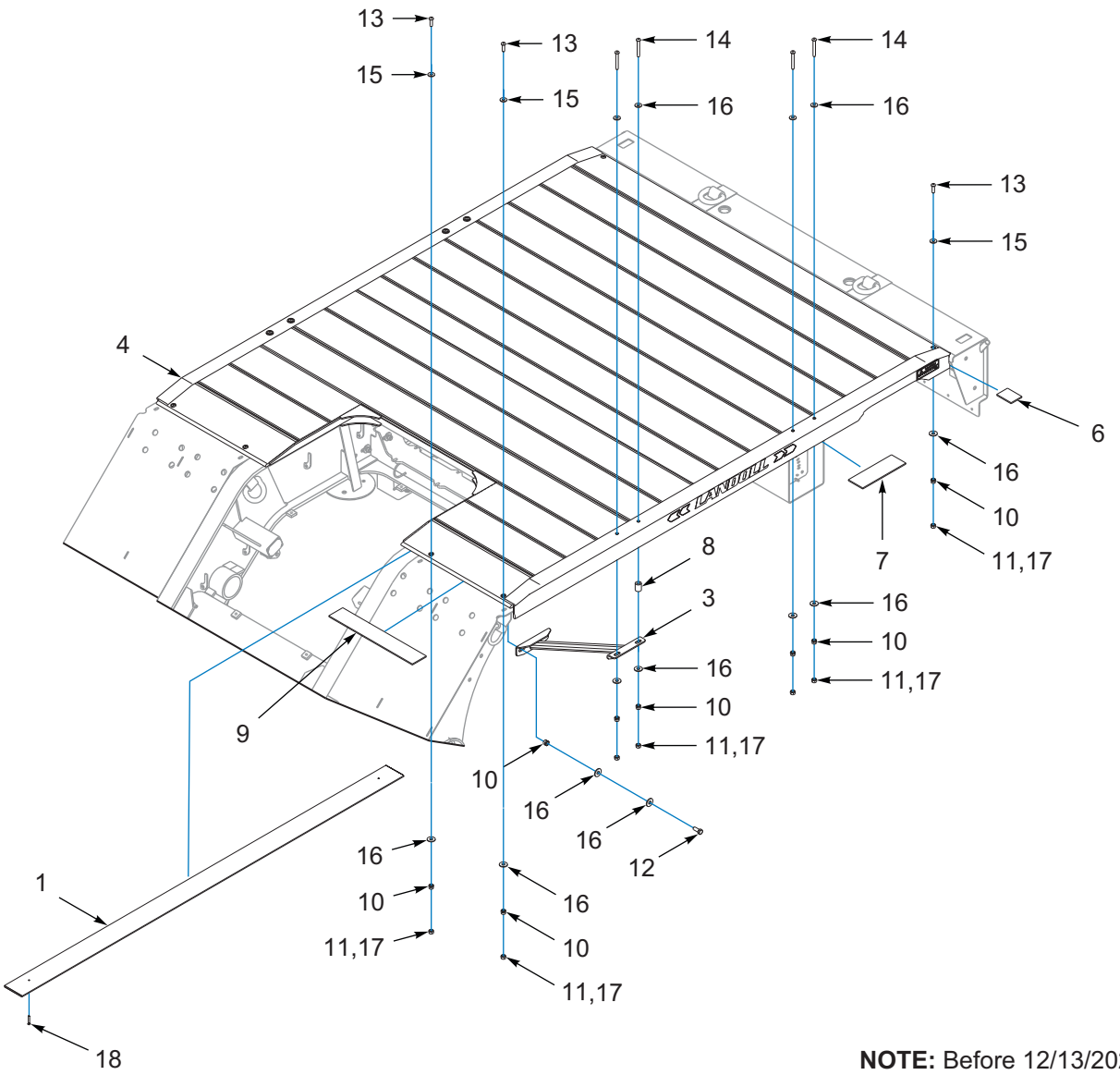
ITEM	PART NUMBER	DESCRIPTION	QTY
	226982	BED INSTL AL 2AX-50SPD 800 WT **(50", 102")**	- -
	226988	BED INSTL AL 2AX-54SPD 800 WT **(54", 102")**	- -
1	114723	COVER TROUGH 835/845 FRONT **(50", 102")**	1
1	199161	COVER TROUGH 845 FRONT **(54", 102")**	1
2	182070	BELT 4" WIDE X 72" **(50", 102")**	2
2	224952	BELT 4" WIDE X 75" **(54", 102")**	2
3	191543	ADHESIVE, LEXEL CAULK	1
4	226983	BED WLDMT, AL 2AX-50SPD 800 WT **(50", 102")**	1
4	226989	BED WLDMT,AL2AX-54SPD800WT CUT **(54", 102")**	1
5	242508	BELT 4" WIDE X 3"	2
6	242509	BELT 4" WIDE X 12"	2
7	249591	BELT 4" WIDE X 24"	2
8	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	10
9	1-512-010007-11	NUT, HEX 5/8-11 GR2 ZP	10
10	1-654-010055-01	SCR,HX CP 1/2-13UNCX1 GR5	4
11	1-654-010059-09	SCREW 5/8-11UNCX3 HX CP GR5	6
12	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5	4
13	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	4
14	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	6
15	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	14
16	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
17	105-0327	LOCTITE, 242-31, 5OCC BOTTLE **(USED ON ALL BED MOUNT NUTS)**	1
18	107-0039	10X3/4LGSELF-TAP SCR TYPEB HE	4
19	- - - - -	DECALS **(PLACEMENT - SEE PAGE 1-13)**	- -

Bed, Trunnion, Alum. 3 Axle (Options)

NOTE: (50") within the Item Description indicates distance between Axle Centers.



NOT SHOWN:
2 - Adhesive, Lexal, (Applied between Belts and Bed)
19 - Decals



NOTE: Before 12/13/2023, 1/2” Mounting Hardware Used.

Figure 3-7: Bed, Trunnion, Alum. 3 Axle (Options)

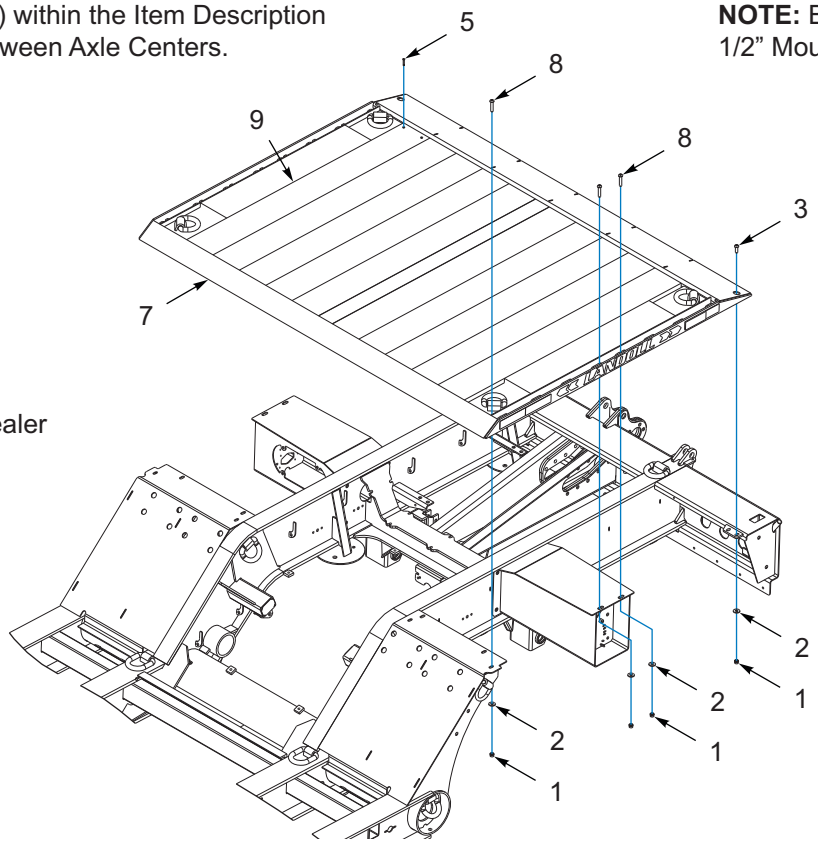
Bed, Trunnion, Alum. 3 Axle (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	227073	BED ALUM 800AG 3AX50 WT PKG **(50", 102", W/ CUTOUT)**	- -
	234011	BED ALUM INSTL 800F 3AX50 **(50", 102", WO/ CUTOUT)**	- -
1	182073	BELT 4" WIDE X 120"	2
2	191543	ADHESIVE, LEXEL CAULK	1
3	223131	GALV OF 223130 TRUN BED SUPT	2
4	227074	BED WLDMT AL 3AX 50SPD WT **(50", 102", W/ CUTOUT)**	1
5	234010	BED WLDMT AL 3AX50 800F **(50", 102", WO/ CUTOUT)**	1
6	242508	BELT 4" WIDE X 3"	2
7	242509	BELT 4" WIDE X 12"	2
8	243287	SPACER BLK 1-1/4x11/16x1-5/8L	2
9	249591	BELT 4" WIDE X 24"	2
10	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	18
11	1-512-010007-11	NUT, HEX 5/8-11 GR2 ZP	14
12	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5	4
13	1-654-010059-09	SCREW 5/8-11UNCX3 HX CP GR5	6
14	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5	8
15	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	6
16	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	30
17	105-0327	LOCTITE, 242-31, 5OCC BOTTLE **(USED ON ALL BED MOUNT NUTS)**	1
18	107-0039	10X3/4LGSELF-TAP SCR TYPEB HE	4
19	- - - - -	DECALS **(PLACEMENT - SEE PAGE 1-13)**	- -

Bed, Trunnion, Wood, 2 Axle (Options)

NOTE: (50") and (54") within the Item Description indicates distance between Axle Centers.

NOTE: Before 01/08/2024, 1/2” Mounting Hardware Used.



NOT SHOWN:
4 - Preservative
6 - End Grain Sealer
10 - Decals

Figure 3-8: Bed, Trunnion, Wood, 2 Axle (Options)

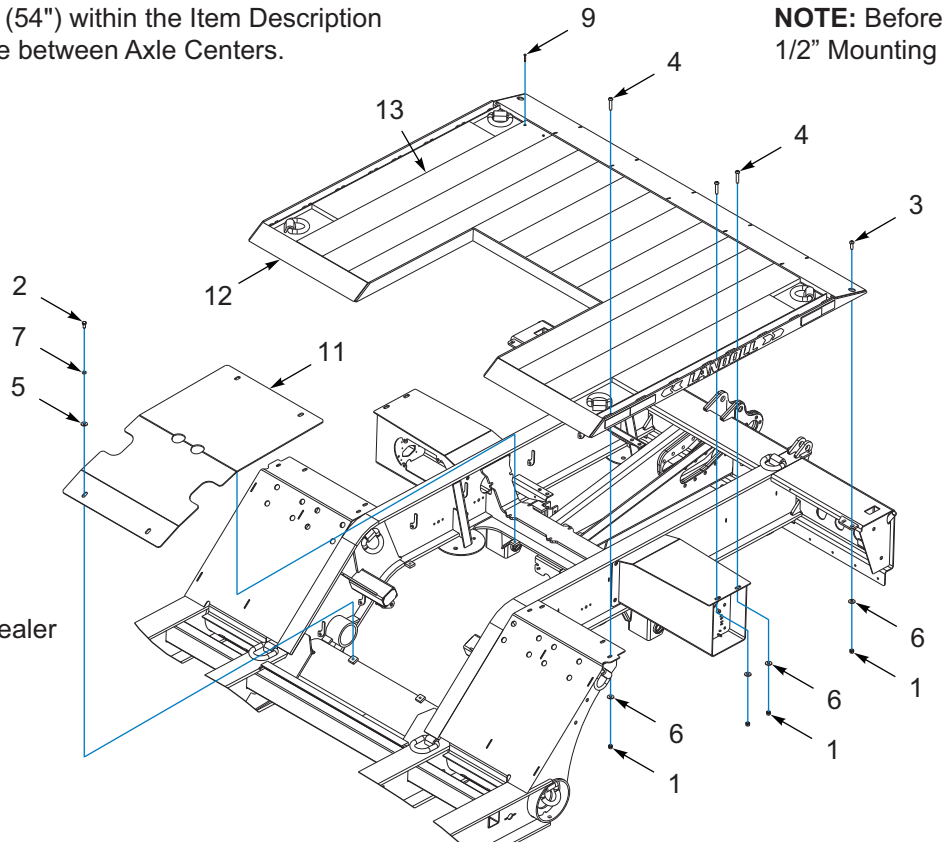
Bed, Trunnion, Wood, 2 Axle (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	226952	BED INSTL BO TRN WD 800 2AX 50 **(50", 102" PAINTED)**	- -
	226953	GALV OF 226952 TRUN BED INSTL **(50", 102" GALV)**	- -
	223135	BED INSTL BO TRN WD 800 2AX 54 **(54", 102, PAINTED)**	- -
	223136	GALV OF 223135 TRUN BED INSTAL **(54", 102, GALV)**	- -
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
2	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	8
3	1-654-010059-04	SCREW,HEX CAP 5/8-11X1-3/4 G5	2
4	145499	PRESERVATIVE WOODGUARD **(BY THE GALLON)**	- -
5	158732	SCREW,5/16X2-1/4ZP TORX FLOOR	208
6	194465	IPE WOOD END GRAIN SEALER **(BY THE GALLON)**	- -
7	226955	BED,TRUN 226954 PTD TRLR COLOR **(50" PAINTED)**	1
7	226956	GALV OF 226954 TRUN BED **(50" GALV)**	1
7	223138	BED TRUN 223137 PTD TRLR COLOR **(54" PAINTED)**	1
7	223139	GALV OF 223137 TRUN BED **(54" GALV)**	1
8	1-654-010059-08	SCREW HX CP 5/8-11UNCX2-3/4G5	6
9	RWD34999	APITONG, 1-1/2 X 7-3/4 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -
10	- - - - -	DECALS **(PLACEMENT - SEE PAGE 1-13)**	- -

Bed, Trunnion, Wood, 2 Axle, Cutout & Trough Cover (Options)

NOTE: (50") and (54") within the Item Description indicates distance between Axle Centers.

NOTE: Before 01/08/2024, 1/2” Mounting Hardware Used.



NOT SHOWN:
8 - Preservative
10 - End Grain Sealer
14 - Decals

Figure 3-9: Bed, Trunnion, Wood, 2 Axle, Cutout & Trough Cover (Options)

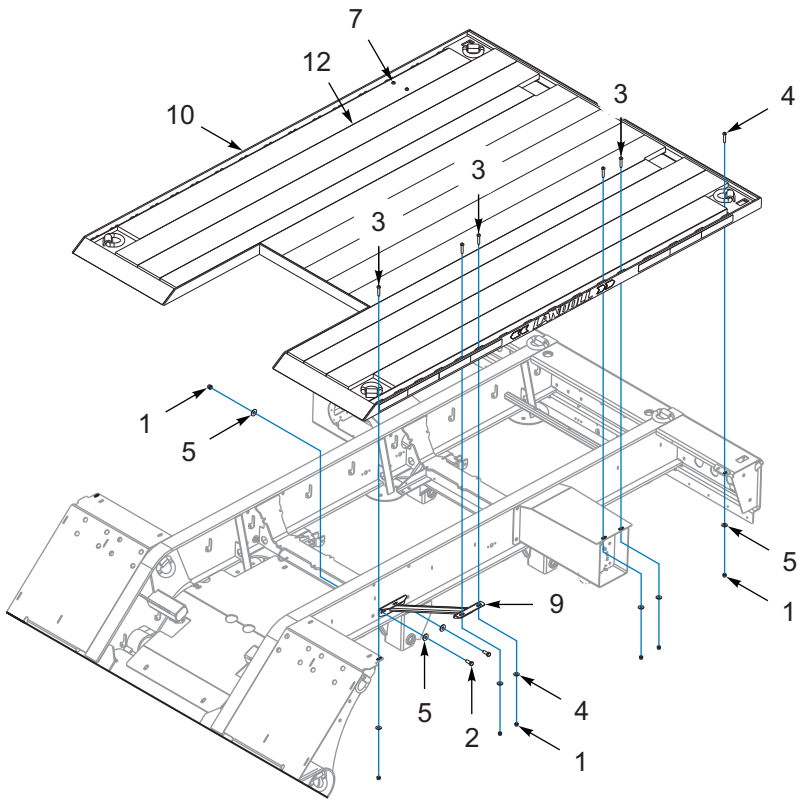
Bed, Trunnion, Wood, 2 Axle, Cutout & Trough Cover (Options)

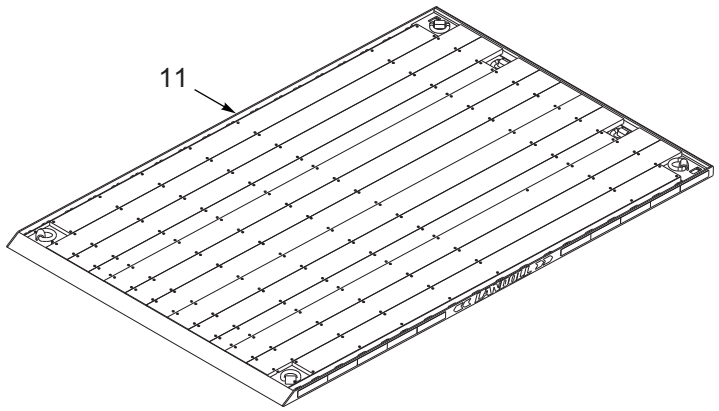
ITEM	PART NUMBER	DESCRIPTION	QTY
	226562	BED INSTL WC TRN WD 800 2AX54 **(54", 102", PAINTED)**	- -
	226563	GALV OF 226562 TRUN BED INSTAL **(54", 102", GALV)**	- -
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
2	1-654-010055-01	SCR,HX CP 1/2-13UNCX1 GR5	4
3	1-654-010059-04	SCREW,HEX CAP 5/8-11X1-3/4 G5	2
4	1-654-010059-08	SCREW HX CP 5/8-11UNCX2-3/4G5	6
5	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	4
6	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	8
7	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
8	145499	PRESERVATIVE WOODGUARD **(BY THE GALLON)**	- -
9	158732	SCREW,5/16X2-1/4ZP TORX FLOOR	170
10	194465	IPE WOOD END GRAIN SEALER **(BY THE GALLON)**	- -
11	199161	COVER TROUGH 845 FRONT	1
12	226559	BED TRUN 226558 PTD TRL COLOR **(54" PAINTED)**	1
12	226560	GALV OF 226558 TRUN BED **(54" GALV)**	1
13	RWD34999	APITONG, 1-1/2 X 7-3/4 4.0	59
14	- - - - -	DECALS **(PLACEMENT - SEE PAGE 1-13)**	- -

Bed, Trunnion, Wood, 3 Axle (Options)

NOTE: (50") and (54") within the Item Description indicates distance between Axle Centers.

NOTE: Before 01/08/2024, 1/2” Mounting Hardware Used.





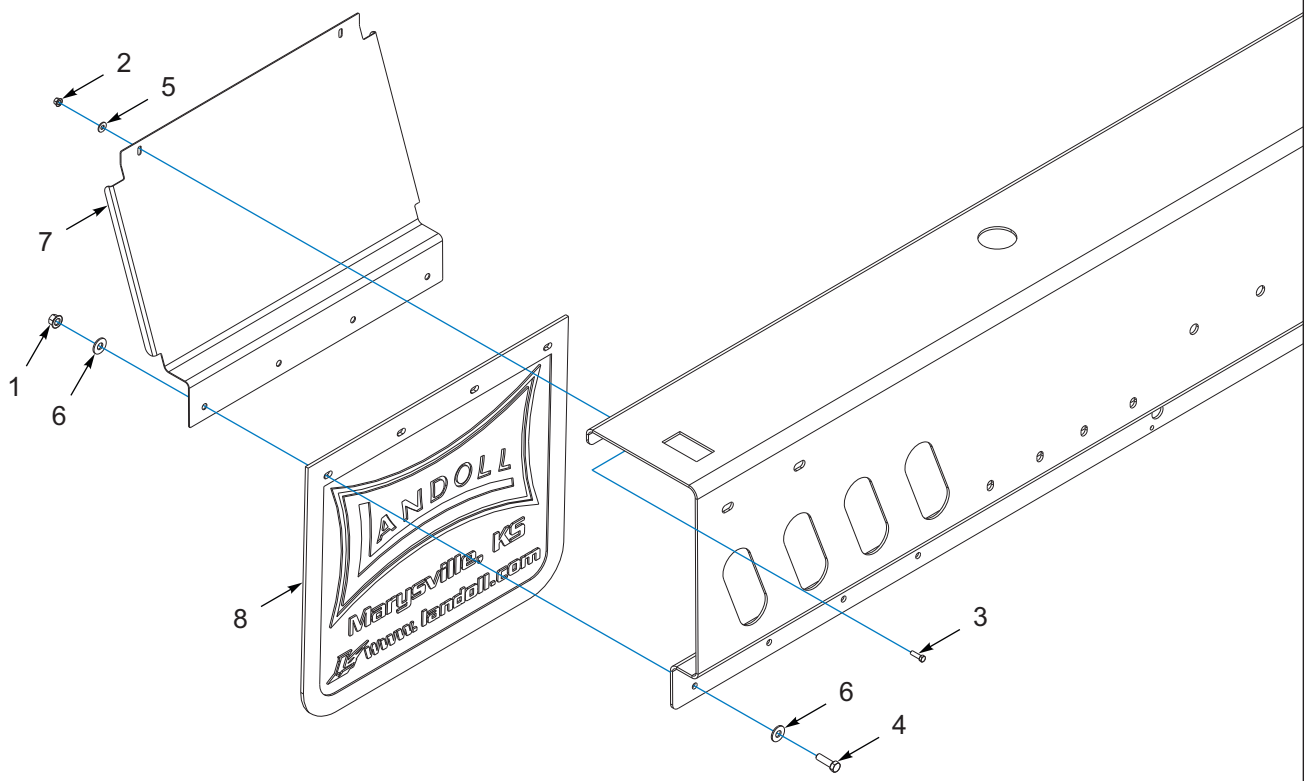
NOT SHOWN:
6 - Preservative
8 - End Grain Sealer
13 - Decals

Figure 3-10: Bed, Trunnion, Wood, 3 Axle (Options)

Bed, Trunnion, Wood, 3 Axle (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230537	BED WC STL/WD GALV 835F 3AX50 **(WD1 - 50", 102" W/ CUTOUT)**	- -
	239114	BED GALV,BO,WC WD DK 800 3AX60 **(WD2 - 60", 102" W/ CUTOUT)**	- -
	232557	BED,GALV BO TRUN WDDK 800 3AX **(WD3 - 60", 120" W/ CUTOUT)**	- -
	234001	BED STL/WD GALV 835F 3AX50 **(WD4 - 50", 102" WO/ CUTOUT)**	- -
	232526	BED GALV BOTRUN WDDK 800 3AX60 **(WD5 - 60", 102" WO/ CUTOUT)**	- -
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	16
2	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5	4
3	1-654-010059-08	SCREW HX CP 5/8-11UNCX2-3/4G5	10
4	1-654-010059-09	SCREW 5/8-11UNCX3 HX CP GR5	2
5	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	20
6	145499	PRESERVATIVE WOODGUARD **(BY THE GALLON)**	- -
7	158732	SCREW,5/16X2-1/4ZP TORX FLOOR **(WD1, QTY 210) (WD2, QTY 272) (WD3, QTY 368) (WD4, QTY 230) (WD5, QTY 286)**	- -
8	194465	IPE WOOD END GRAIN SEALER **(BY THE GALLON)**	0.05
9	223131	GALV OF 223130 TRUN BED SUPT **(WD1, WD2, WD4, WD5)**	2
9	232562	GALV OF 232561 TRUN BED SUPT **(WD3)**	2
10	230540	BED TRUN 230539 PC TRL COLOR **(WD1, CUTOUT, PAINTED)**	1
10	230541	GALV OF 230539 (TRUN BED) **(WD1, CUTOUT, GALV)**	1
10	232559	BED TRUN 252558 PTD TRLR COLOR **(WD2, WD3, CUTOUT, PAINTED)**	1
10	232560	GALV OF 232558 TRUN BED 3AX60 **(WD2, WD3,CUTOUT, GALV)**	1
11	233924	BED TRUN 233925 PC TRL CLR **(WD4, PAINTED)**	1
11	233923	GALV OF 233925 (TRUN BED) **(WD4, GALV)**	1
11	232528	BED TRUN 232527 PTD TRLR COLOR **(WD5, PAINTED)**	1
11	232529	GALV OF 232527 TRUN BED 3AX60 **(WD5, GALV)**	1
12	RWD34999	APITONG, 1-1/2 X 7-3/4 4.0 **(ORDER BY CUSTOMER TOTAL FEET MEASUREMENT)**	- -
13	- - - - -	DECALS **(PLACEMENT - SEE PAGE 1-13)**	- -

Mud Flap Assemblies, Rear Bumper



(CURBSIDE USES SAME PART NUMBERS)
VIEW OF STREETSIDE AG REAR BUMPER (FOR FLIP AND NON-FLIP AXLE)

Figure 3-11: Mud Flap Assemblies, Rear Bumper

Mud Flap Assemblies, Rear Bumper

ITEM	PART NUMBER	DESCRIPTION	QTY
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
1	1-510-010001	NUT, 3/8-16 UNC FLANGE LOCK	4
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
3	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
4	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	4
5	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
6	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	8
7	218177	GALV OF 218178 TAILIGHT SHIELD	1
8	3-485-010001	FLAP, MUD 21 IN	1

Table provided for general use.

NOTES:

Pullout Extensions, 835-30 (Option)

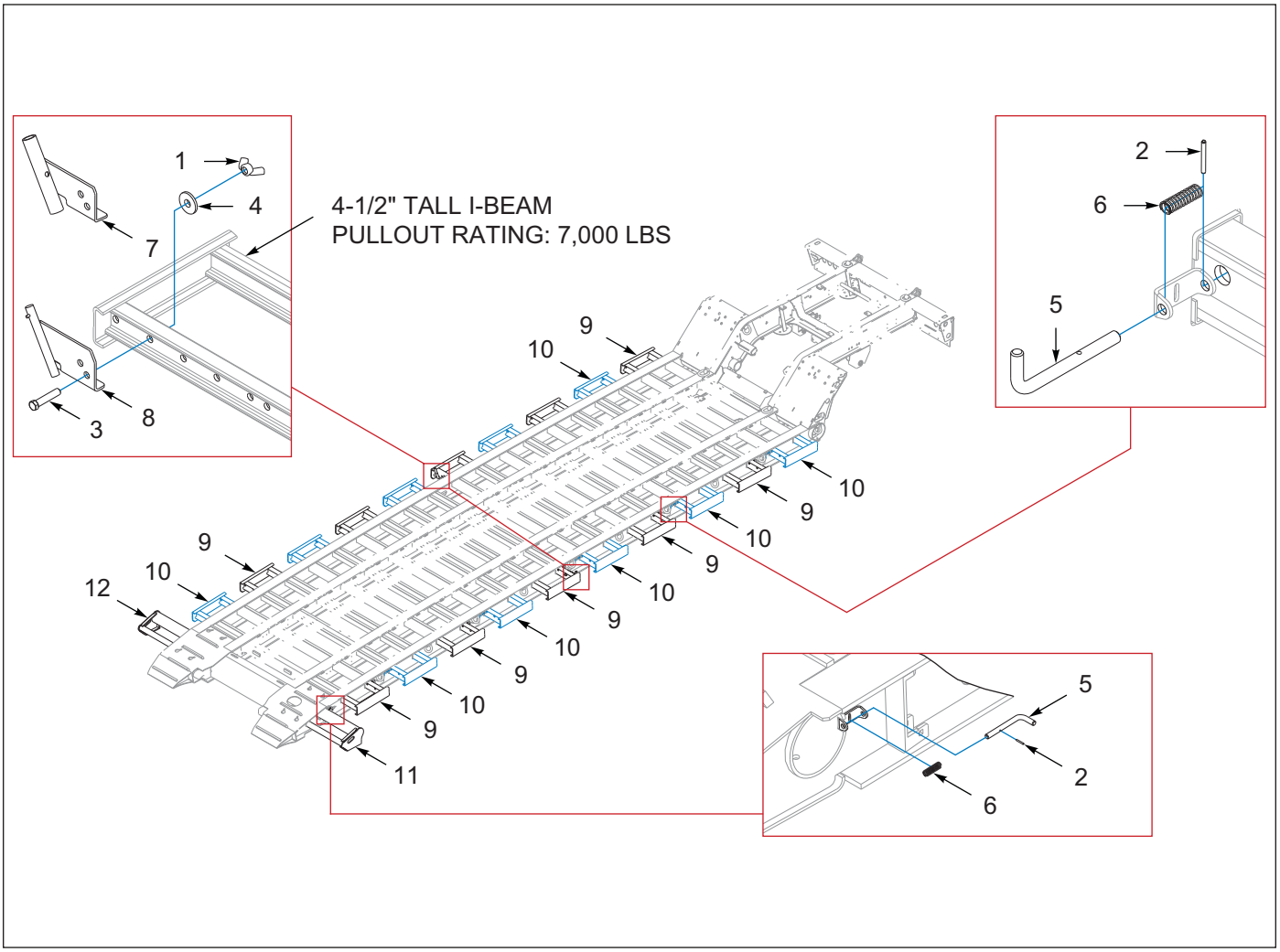


Figure 3-12: Pullout Extensions, 835-30 (Option)

Pullout Extensions, 835-30 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	120800	PULLOUT EXT INSTL 835-30	- -
1	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
2	1-647-010004177	PIN,SPRING,SLTD 3/16X1-1/2	22
3	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
5	104252	PIN P/O EXT LOCK	22
6	104253	SPRING,COMPRESSION P/OEXTLOCK	22
7	108859	WLDMT, BRACKET, FLAG HOLDER **(SLIDE IN TUBE)**	2
8	251700	BRKT WLDMT,P/O FLAG HOLDER **(QUICK MOUNT STUD)**	2
9	112598	PULL-OUT WLDMT, RH	10
10	112599	PULL-OUT WLDMT, LH	10
11	128797	PULLOUT WLDMT STL FRT 835AG LH **(BEFORE 01/17/2023)**	1
11	235639	P/O WLDMT ALUM FRT 800-102 LH **(AFTER 01/17/2023)**	1
12	128798	PULLOUT WLDMT STL FRT 835AG RH **(BEFORE 01/17/2023)**	1
12	235640	P/O WLDMT ALUM FRT 800-102 RH **(AFTER 01/17/2023)**	1

Pullout Extensions, 835-32 (Option)

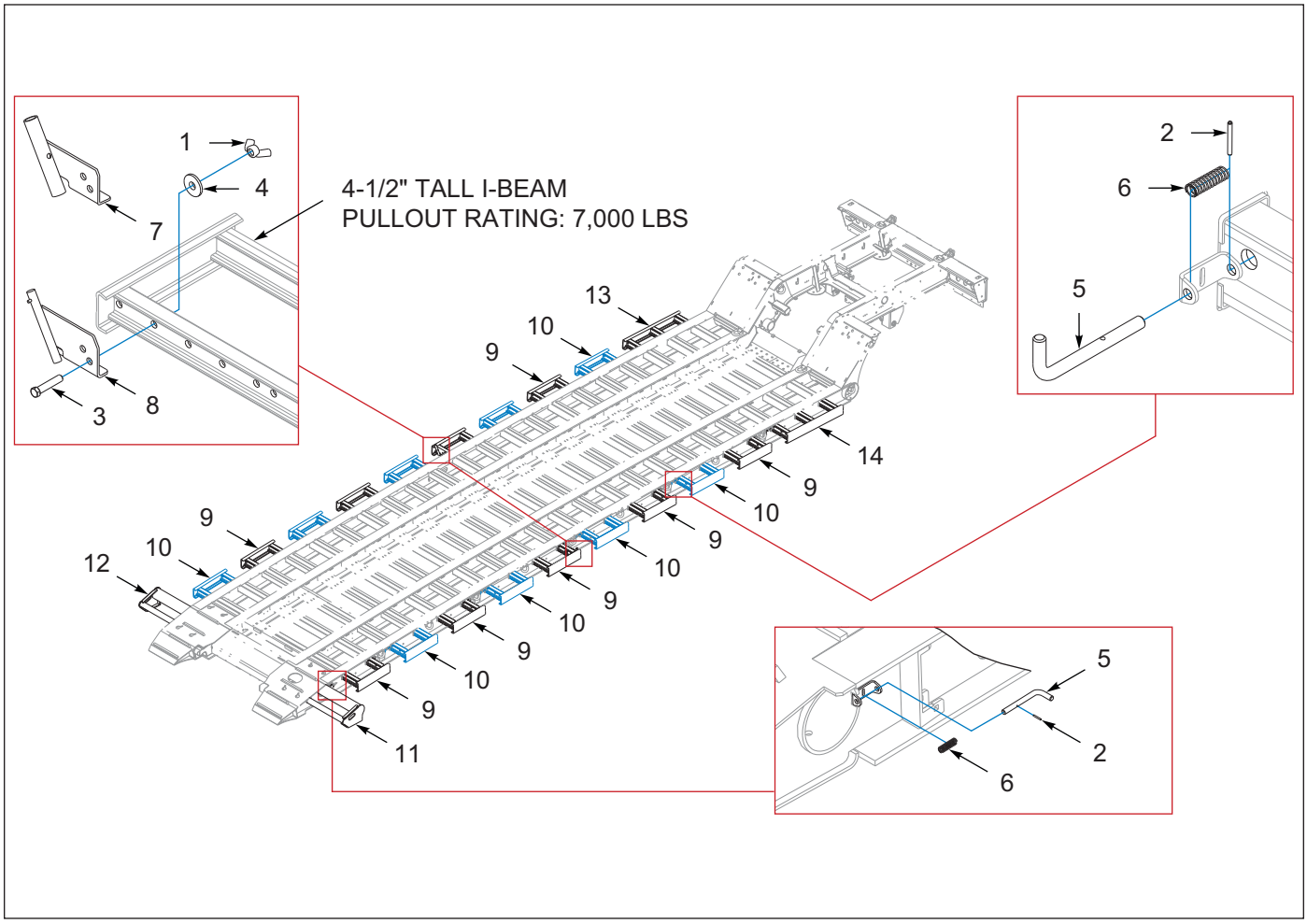


Figure 3-13: Pullout Extensions, 835-32 (Option)

Pullout Extensions, 835-32 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	226554	PULLOUT EXT INSTL 835F-32	- -
1	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
2	1-647-010004177	PIN,SPRING,SLTD 3/16X1-1/2	22
3	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
5	104252	PIN P/O EXT LOCK	22
6	104253	SPRING,COMPRESSION P/OEXTLOCK	22
7	108859	WLDMT, BRACKET, FLAG HOLDER **(SLIDE IN TUBE)**	2
8	251700	BRKT WLDMT,P/O FLAG HOLDER **(QUICK MOUNT STUD)**	2
9	112598	PULL-OUT WLDMT, RH	9
10	112599	PULL-OUT WLDMT, LH	9
11	128797	PULLOUT WLDMT STL FRT 835AG LH **(BEFORE 01/17/2023)**	1
11	235639	P/O WLDMT ALUM FRT 800-102 LH **(AFTER 01/17/2023)**	1
12	128798	PULLOUT WLDMT STL FRT 835AG RH **(BEFORE 01/17/2023)**	1
12	235640	P/O WLDMT ALUM FRT 800-102 RH **(AFTER 01/17/2023)**	1
13	226552	EXT P/O REAR RH 835-36 WLDMT	1
14	226553	EXT P/O REAR LH 835-36 WLDMT	1

Pullout Extensions, 840-30 (Option)

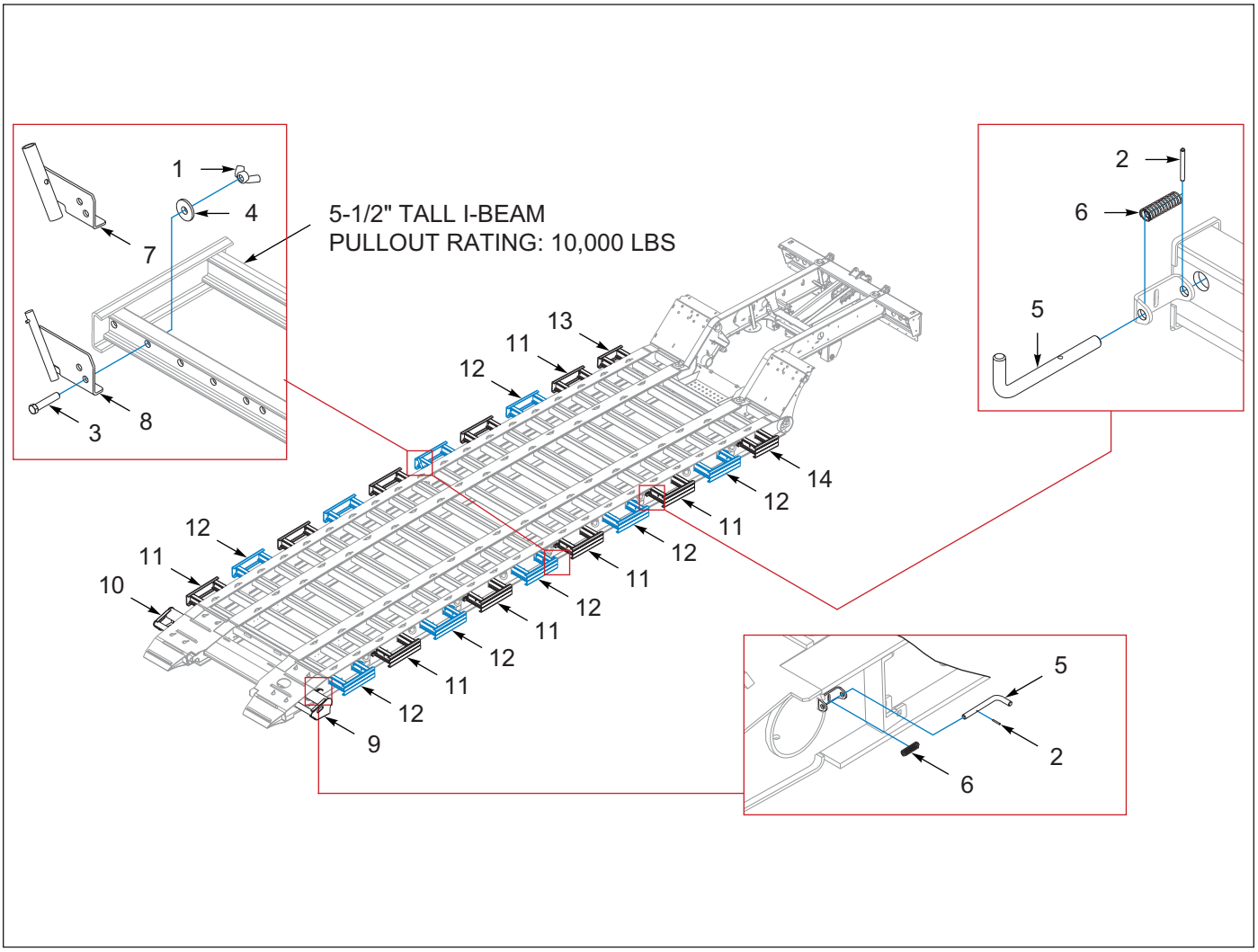


Figure 3-14: Pullout Extensions, 840-30 (Option)

Pullout Extensions, 840-30 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	243559	PULLOUT EXT INSTL 840F-30	- -
1	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
2	1-647-010004181	SPRING PIN SLOTTED TYPE3/16X2	22
3	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
5	104252	PIN P/O EXT LOCK	22
6	104253	SPRING,COMPRESSION P/OEXTLOCK	22
7	108859	WLDMT, BRACKET, FLAG HOLDER **(SLIDE IN TUBE)**	2
8	251700	BRKT WLDMT,P/O FLAG HOLDER **(QUICK MOUNT STUD)**	2
9	235639	P/O WLDMT ALUM FRT 800-102 LH	1
10	235640	P/O WLDMT ALUM FRT 800-102 RH	1
11	243561	PULLOUT WLDMT,LH 24	9
12	243562	PULLOUT WLDMT,RH 24	9
13	252140	PULLOUT WLDMT,RH 12	1
14	252141	PULLOUT WLDMT,LH 12	1

Pullout Extensions, 840-32 (Option)

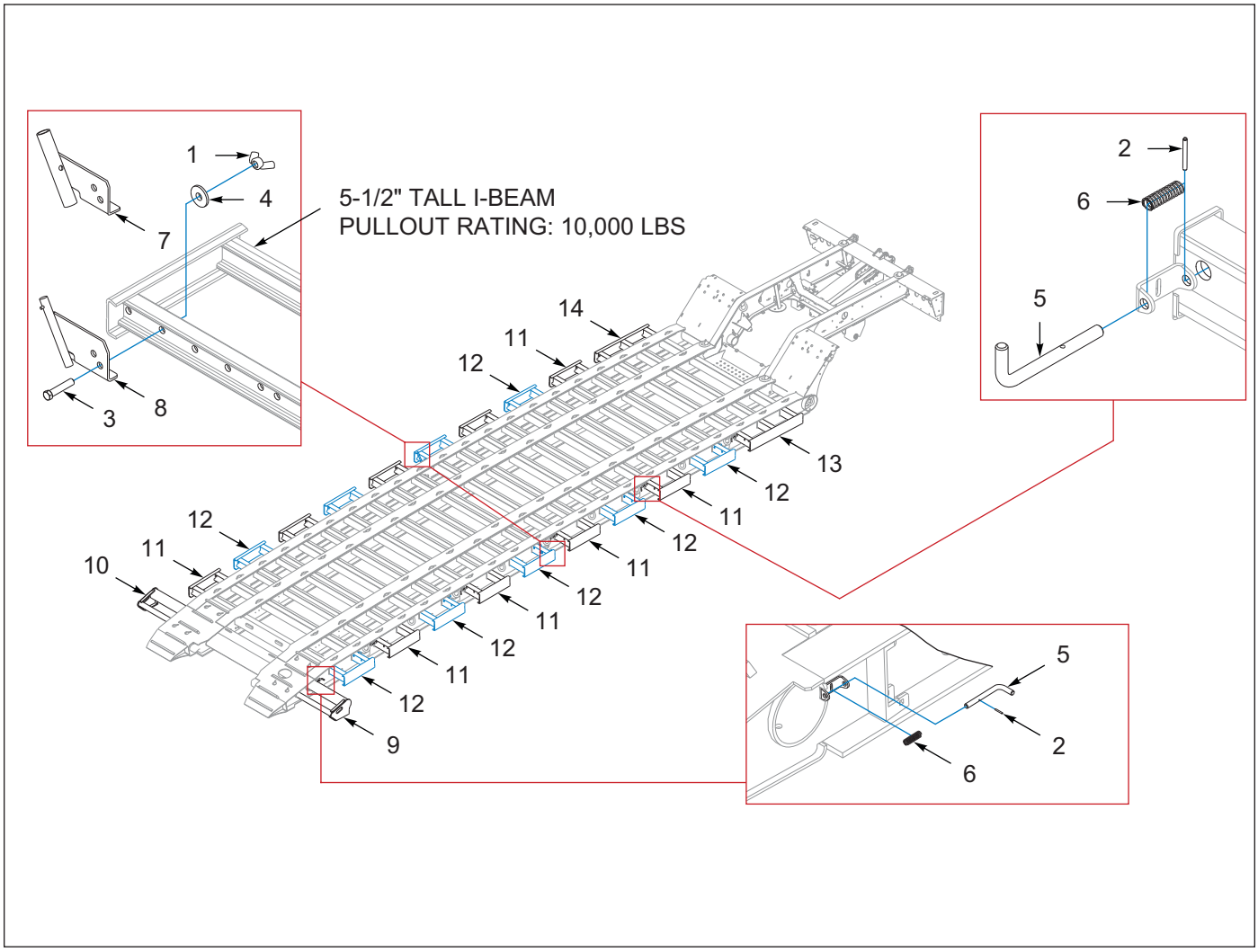


Figure 3-15: Pullout Extensions, 840-32 (Option)

Pullout Extensions, 840-32 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	243560	PULLOUT EXT INSTL 840-32	- -
1	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
2	1-647-010004181	SPRING PIN SLOTTED TYPE3/16X2	22
3	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
5	104252	PIN P/O EXT LOCK	22
6	104253	SPRING,COMPRESSION P/OEXTLOCK	22
7	108859	WLDMT, BRACKET, FLAG HOLDER **(SLIDE IN TUBE)**	2
8	251700	BRKT WLDMT,P/O FLAG HOLDER **(QUICK MOUNT STUD)**	2
9	235639	P/O WLDMT ALUM FRT 800-102 LH	1
10	235640	P/O WLDMT ALUM FRT 800-102 RH	1
11	243561	PULLOUT WLDMT,LH 24	9
12	243562	PULLOUT WLDMT,RH 24	9
13	243563	PULLOUT WLDMT,LH 42	1
14	243564	PULLOUT WLDMT,RH 42	1

Pullout Extensions, 845F-32 (Option)

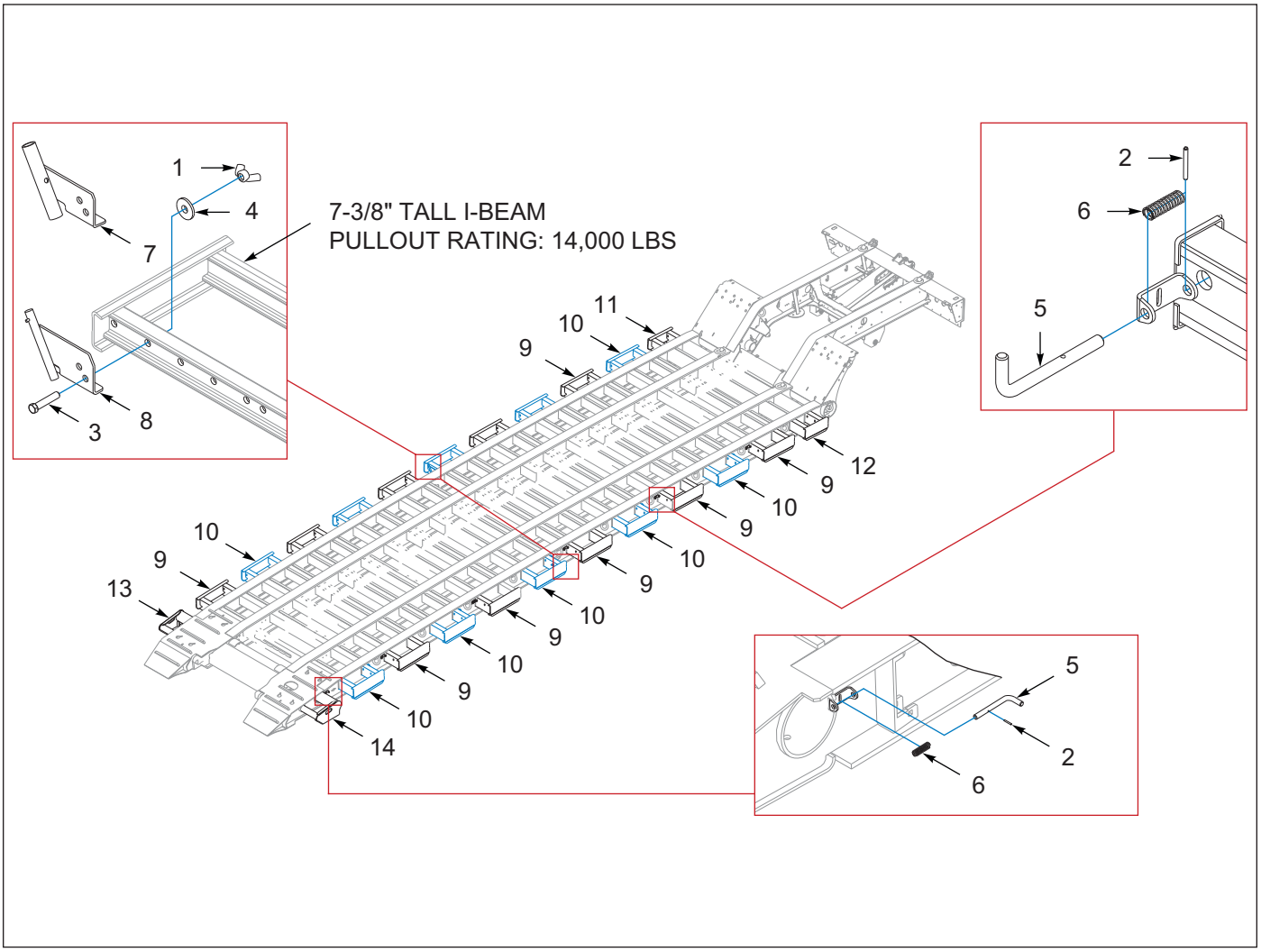


Figure 3-16: Pullout Extensions, 845F-32 (Option)

Pullout Extensions, 845F-32 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	224940	PULLOUT EXT INSTL 845F 32-54	- -
1	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
2	1-647-010004177	PIN,SPRING,SLTD 3/16X1-1/2	24
3	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
5	104252	PIN P/O EXT LOCK	24
6	104253	SPRING,COMPRESSION P/OEXTLOCK	24
7	108859	WLDMT, BRACKET, FLAG HOLDER **(SLIDE IN TUBE)**	2
8	251700	BRKT WLDMT,P/O FLAG HOLDER **(QUICK MOUNT STUD)**	2
9	212293	PULLOUT WLDMT LH 24	10
10	212294	PULLOUT WLDMT RH 24	10
11	216347	PULLOUT WLDMT,LH 18	1
12	216348	PULLOUT WLDMT,RH 18	1
13	224938	P/O ALUM FRT 845-102 RH WLDMT	1
14	224939	P/O ALUM FRT 845-102 LH WLDMT	1

Pullout Extensions, HD835F-26 (Option)

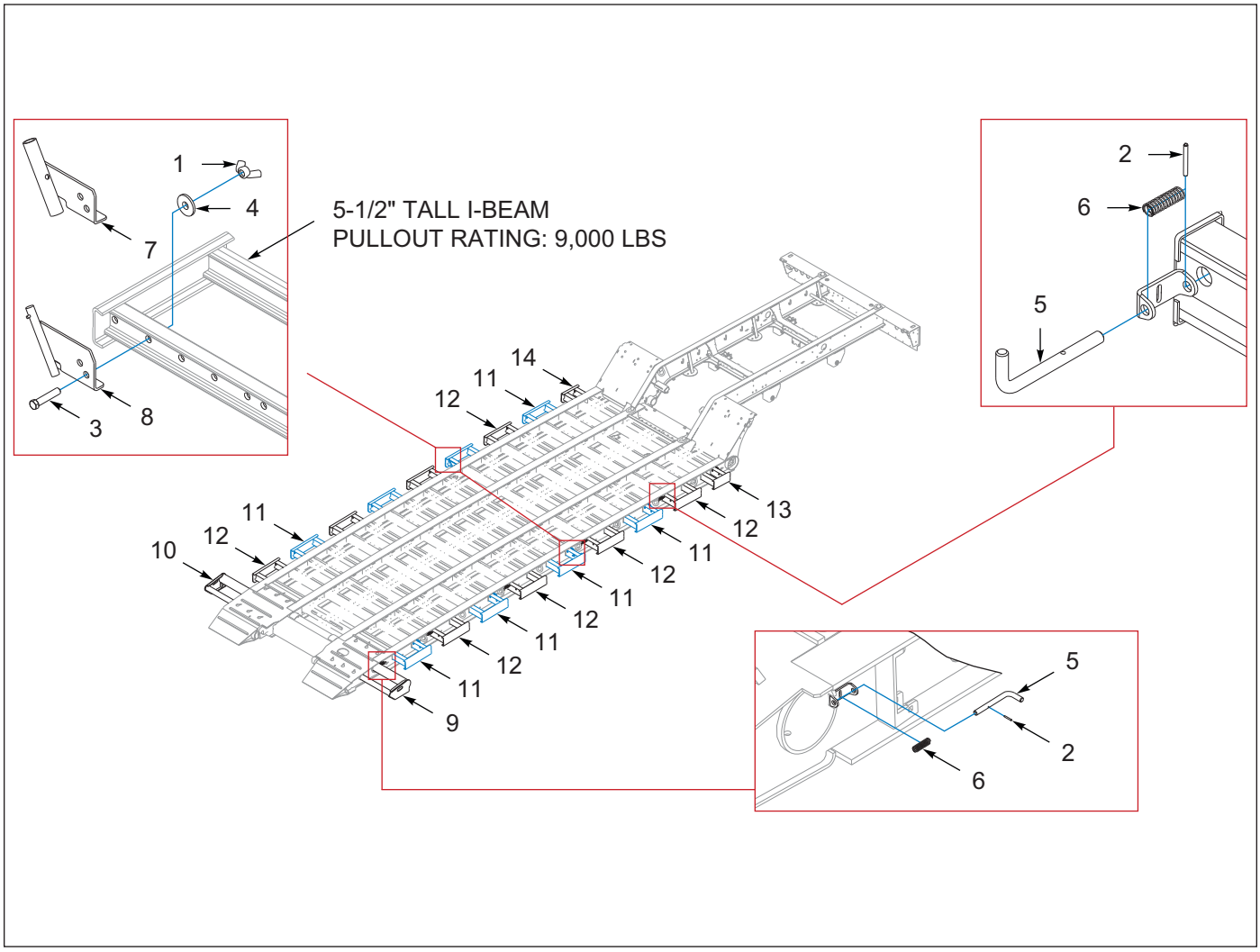


Figure 3-17: Pullout Extensions, HD835F-26 (Option)

Pullout Extensions, HD835F-26 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	232577	PULLOUT EXT HD835-26 108/120	- -
1	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
2	1-647-010004177	PIN,SPRING,SLTD 3/16X1-1/2	20
3	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
4	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
5	104252	PIN P/O EXT LOCK	20
6	104253	SPRING,COMPRESSION P/OEXTLOCK	20
7	108859	WLDMT, BRACKET, FLAG HOLDER **(SLIDE IN TUBE)**	2
8	251700	BRKT WLDMT,P/O FLAG HOLDER **(QUICK MOUNT STUD)**	2
9	199029	P/O FRT ALUM 845-108/120LH WLD	1
10	199030	P/O FRT ALUM 845-108/120RH WLD	1
11	232578	PULLOUT WLDMT,RH 24 108/120	8
12	232579	PULLOUT WLDMT,LH 24 108/120	8
13	232580	PULLOUT WLDMT, RH 15 108/120	1
14	232581	PULLOUT WLDMT, LH 15 108/120	1

Flip Axle Assembly (Option)

Flip Axle Assembly, 835 / 845AG

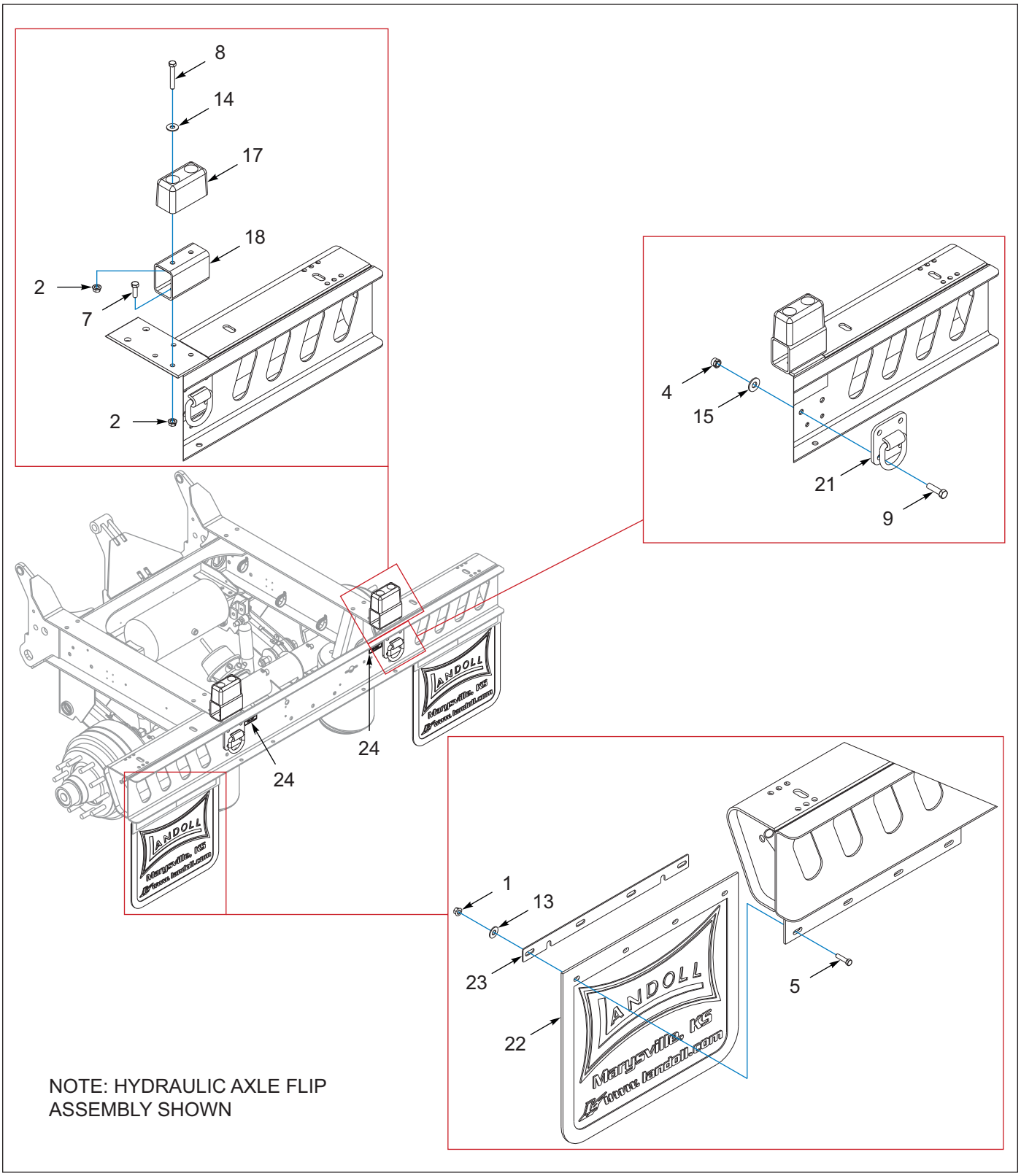


Figure 4-1: Flip Axle Assembly, 835 / 845AG (1 of 2)

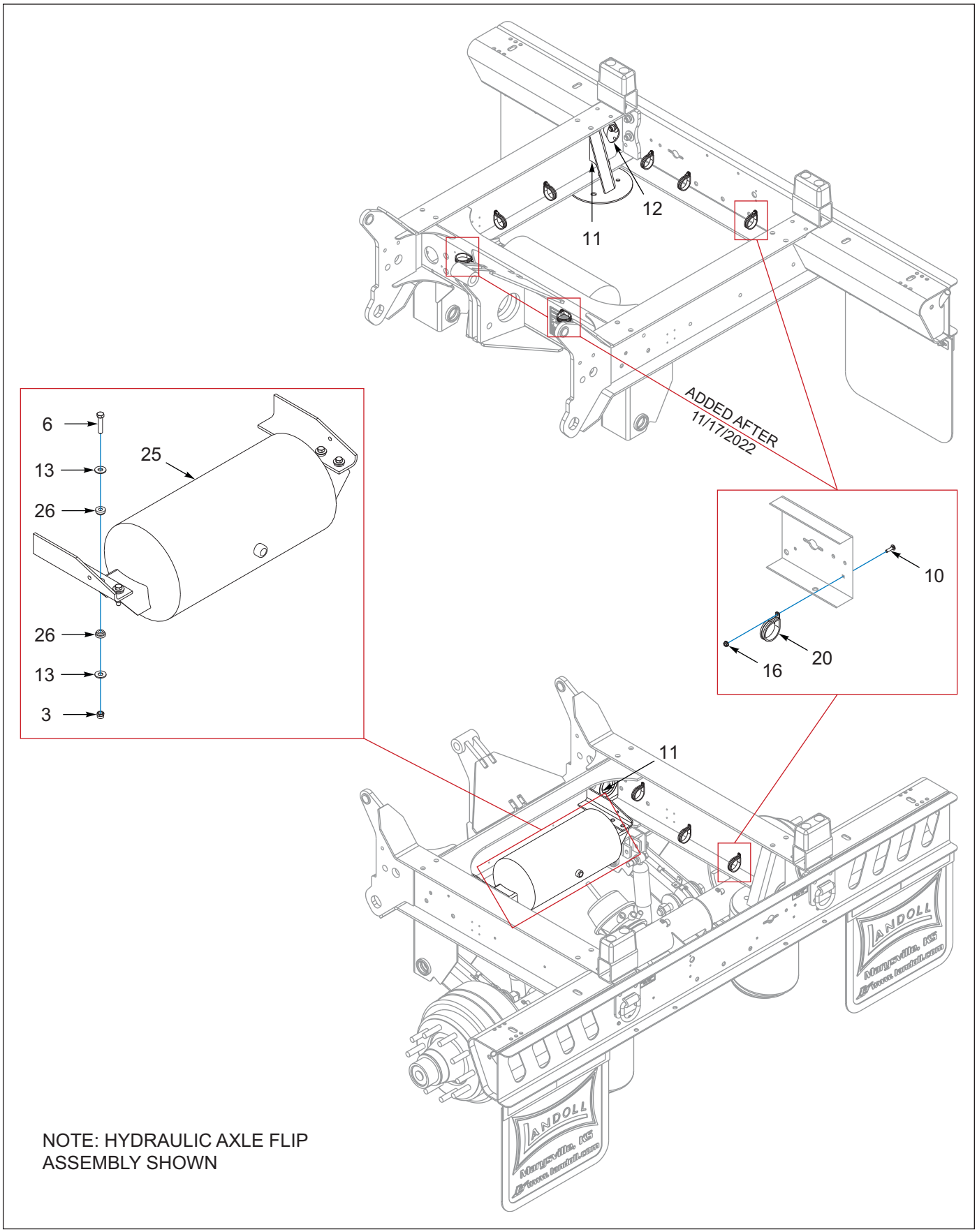


Figure 4-2: Flip Axle Assembly, 835 / 845AG (2 of 2)

Flip Axle Assembly, 835 / 845AG

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 10-31)**	1
26	805-2	BUSHINGS, STEP	8

Table provided for general use.

NOTES:

Pivot Pins, Manual (Option)

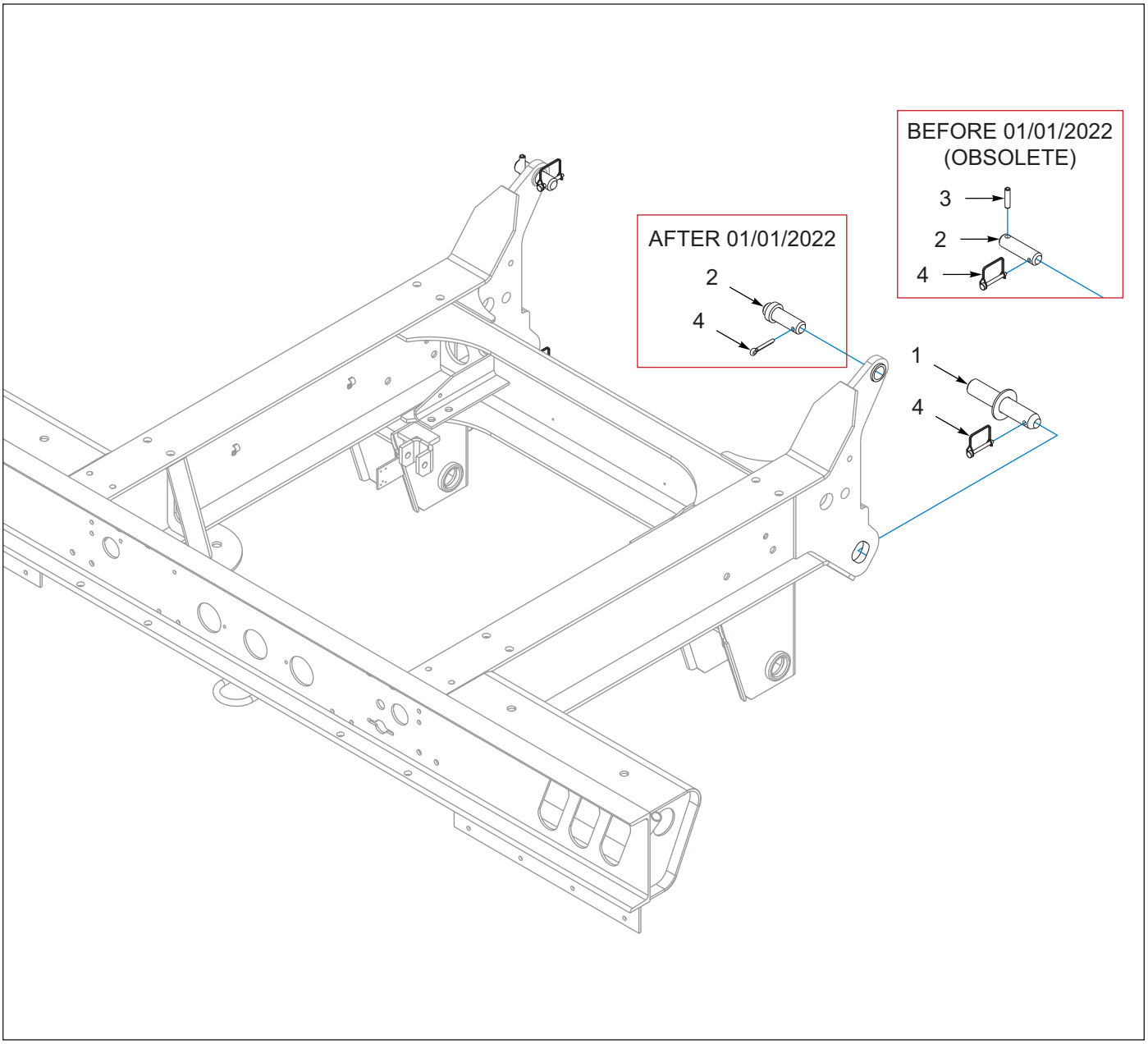


Figure 4-3: Pivot Pins, Manual (Option)

Flip Axle 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 (Option)

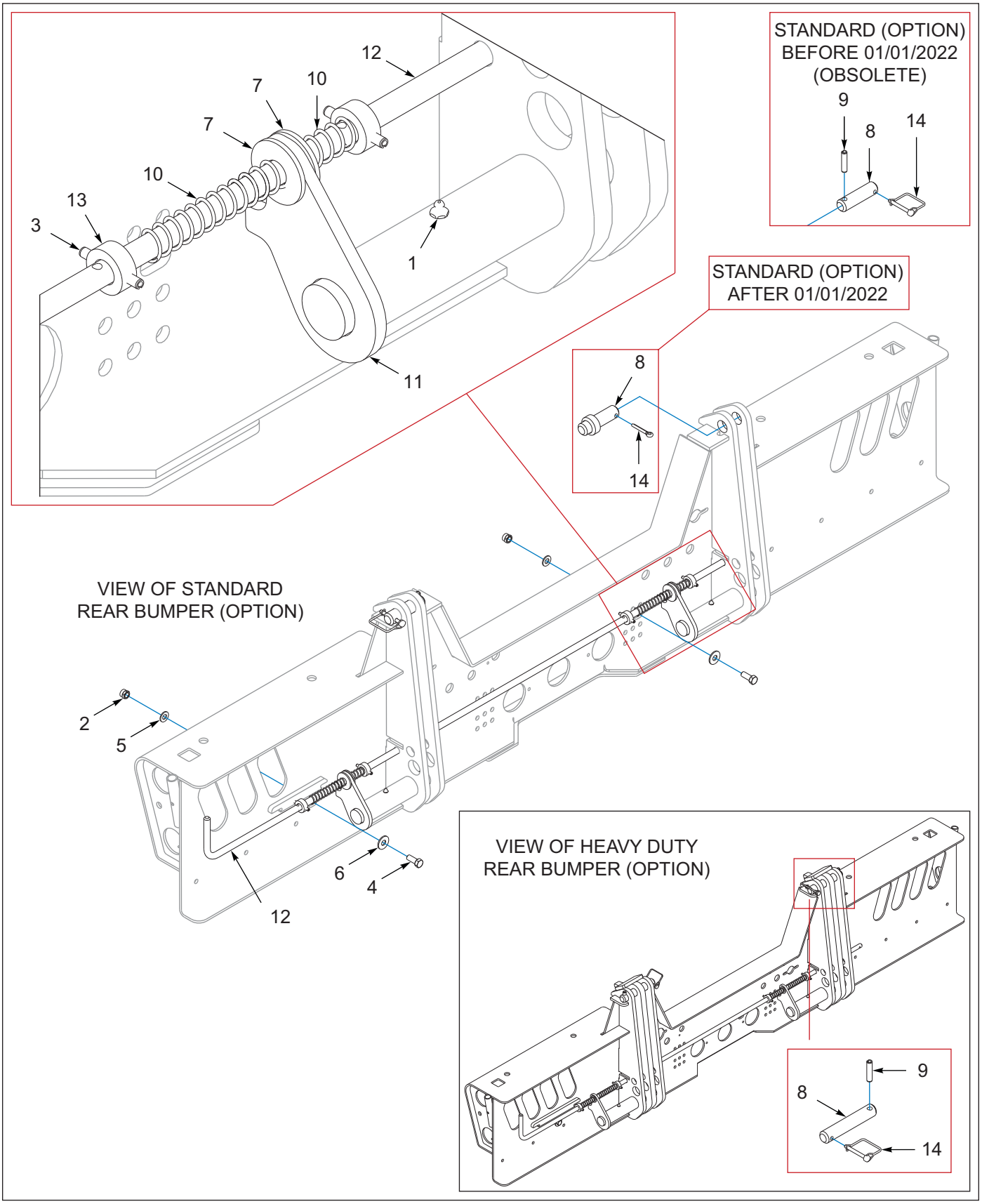


Figure 4-4: Pivot Pins, Spring Back (Option)

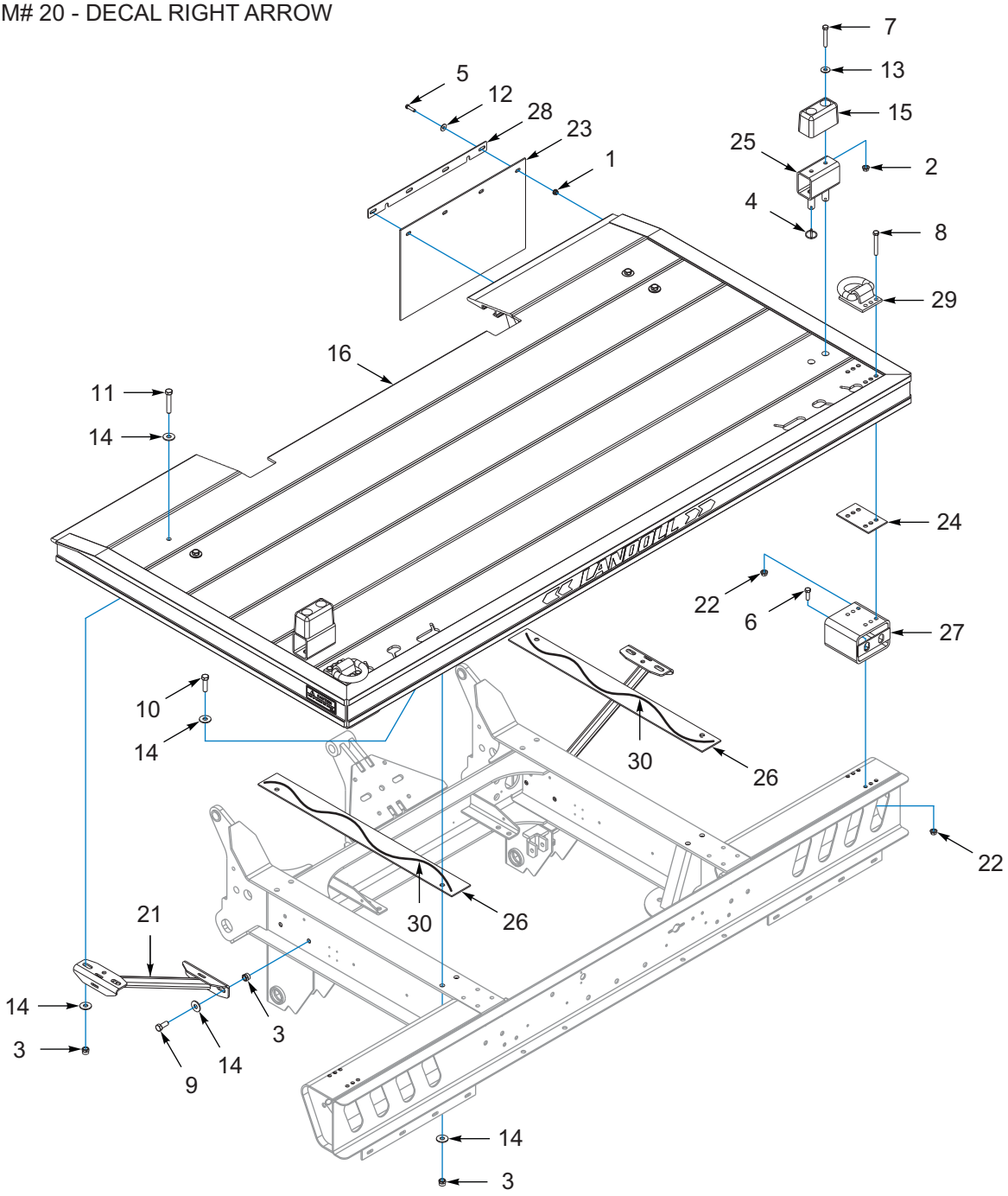
Pivot Pins, Spring Back (Option)

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	2
		(STANDARD OPTION - AFTER 01/01/2022 COLLAR WAS ADDED)	
8	172426	PIN UPPER SPREADER NITRO **(HEAVY DUTY OPTION)**	2
9	141251	SPRING PIN,SLOTTED 1/2X2-1/4	2
		(STANDARD OPTION - BEFORE 01/01/2022 REQ 2 EACH)	
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)**	2
		(STANDARD OPTION - BEFORE 01/01/2022)	
14	1-557-010362-87	PIN, COTTER 3/8X2-1/2PIN	2
		(STANDARD OPTION - AFTER 01/01/2022)	

Bed Assemblies, Aluminum (Option)

NOT SHOWN:
ITEM# 17 - DECAL (WEIGHT BEARING)
ITEM# 18 - DECAL LANDOLL
ITEM# 19 - DECAL LEFT ARROW
ITEM# 20 - DECAL RIGHT ARROW

NOTE: (50”), (54”) AND (60”) IN ITEM DESCRIPTION INDICATES AXLE CENTERS



NOTE: DECK BED FOR HYDRAULIC AXLE FLIP SHOWN

Figure 4-5: Bed Assemblies, Aluminum (Option)

Bed Assemblies, Aluminum (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	201125	BED ASSY 835AG FLIP AXLE **(50" AXLE, 102" BED MANUAL FLIP)**	- -
	225785	BED INSTALL ALUM HYD FLIP 54" **(54" AXLE, 102" BED HYDRAULIC FLIP)**	- -
	199128	BED ASSY 835E-AG FLIP AXLE **(60" AXLE, 102" BED MANUAL FLIP)**	- -
	199130	BED ASSY 835EAG HYD FLIP AX **(60" AXLE, 102" BED HYDRAULIC FLIP)**	- -
	201128	BED ASSY 835E-120 HYD FLIP AX **(60" AXLE, 120" HYDRAULIC FLIP BED)**	- -
1	1-510-010001	NUT, 3/8-16 UNC FLG LOCK GR G **(54" & 60" AXLES ONLY)** **(ADDED AFTER 02/01/2022)**	8
2	1-510-010003-09	NUT,1/2-13 FLANGE HD,SERRATED **(BEFORE 09/082021, REQ 12 EACH)**	4
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	12
4	1-557-010327	PIN LYNCH 1/4X1-1/4 **(ADDED AFTER 04/07/2021)**	4
5	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4 **(54" & 60" AXLES ONLY)(ADDED AFTER 02/01/2022)**	8
6	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2 **(BEFORE 04/07/2021, REQ 4 EACH, REPLACED BY ITEM# 9)**	12
7	1-654-010055-10	SCREW HEX CAP 1/2-13X3-1/4GR5	4
8	1-654-010055-12	SCREW,CP,HX .50-13UNCX3.75 GR5 **(ADDED AFTER 04/07/2021)**	12
9	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5 **(60" AXLE ONLY)** **(BEFORE 09/08/2021, REQ ITEM# 6, 4 EACH)**	4
10	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5 **(BEFORE 09/08/2021)**	4
10	1-654-010059-06	SCREW,HEX CAP 5/8-11X2-1/4 G5 **(AFTER 09/08/2021)**	4
11	1-654-010059-11	SCREW,HX CP 5/8-11UNCX3.5GR5 **(60" AXLE ONLY)**	4
12	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD **(54" & 60" AXLES ONLY)** **(ADDED AFTER 02/01/2022)**	8
13	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(BEFORE 09/08/2021, REQ 12 EACH)**	4
14	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	20
15	128874	BUMPER RUBBER 6X3X3-1/2	2
16	164398	BED WLDMT 835 FLIP AXLE **(50" AXLE, 102" BED MANUAL FLIP)**	1
16	225786	BED WLDMT ALUM HYD FLIP 54" AX **(54" AXLE, 102" BED HYDRAULIC FLIP)**	1
16	130284	BED WLDMT 835 FLIP AXLE **(60" AXLE, 102" BED MANUAL FLIP)**	1
16	148890	BED WLDMT 835AG HYD FLIP AX **(60" AXLE, 102" BED HYDRAULIC FLIP)**	1
16	167368	BED WLMT835-120 HYD FLIP AXLE **(60" AXLE, 120" BED HYDRAULIC FLIP)**	1
17	106693	DECAL, 10,000 LB. ALUM BED **(50" & 54" AXLE)** **(DECALS - SEE PAGE 1-13)**	1
17	186009	DECAL, 14,000 LB ALUM BED **(60" AXLE ONLY)** **(DECALS - SEE PAGE 1-13)**	2
18	196167	DECAL LANDOLL SMALL **(DECALS - SEE PAGE 1-13)**	1
19	196168	DECAL ARROW SMALL 2LH **(DECALS - SEE PAGE 1-13)**	1
20	196169	DECAL ARROW SMALL 2RH **(DECALS - SEE PAGE 1-13)**	1

Bed Assemblies, Aluminum (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
21	220313	BRACE,DECK,BOLTON BED,BLACKWLD **(PAINTED)** **(60" AXLE ONLY)**	2
21	220314	BRACE,DECK,BOLTON BED,GALV WLD **(GALV)** **(60" AXLE ONLY)**	2
22	223247	NUT, 1/2-13 UNC FLG LOCK GR G **(ADDED AFTER 04/07/2021)**	24
23	225308	MUD FLAP MOD, HALF LENGTH **(54" & 60" AXLES ONLY)** **(ADDED AFTER 02/01/2022)**	2
24	232692	SPACER,BELTING,FLIP AXLE BED **(ADDED AFTER 04/07/2021)**	2
25	148811	MOUNT RUBBER BUMPER **(BEFORE 04/07/2021, REQ ITEMS 2, 6, 10, 13)**	2
25	232697	MOUNT WLDMT,BUMPER,FLIP AX **(AFTER 04/07/2021)**	2
26	234206	BELT 4" WIDE X 32" **(50" AXLE)**	2
26	234209	BELT 4" WIDE X 35" **(54" AXLE)**	2
26	234713	BELT 4" WIDE X 41" **(60"AXLE ONLY)**	2
27	235632	SPACER WLDMT,FLIP AXLE BED **(ADDED AFTER 04/07/2021)**	2
28	3-762-010017	CLAMP MUD FLAP **(54" & 60" AXLES ONLY)** **(ADDED AFTER 02/01/2022)**	2
29	3-793-010040	TIE DOWN, WINCH **(ADDED AFTER 04/07/2021)**	2
30	191543	ADHESIVE, LEXEL CAULK **(FOR BELT TO BED)**	1

Table provided for general use.

NOTES:

Hydraulic Flip Assembly 835 / 845AG (Option)

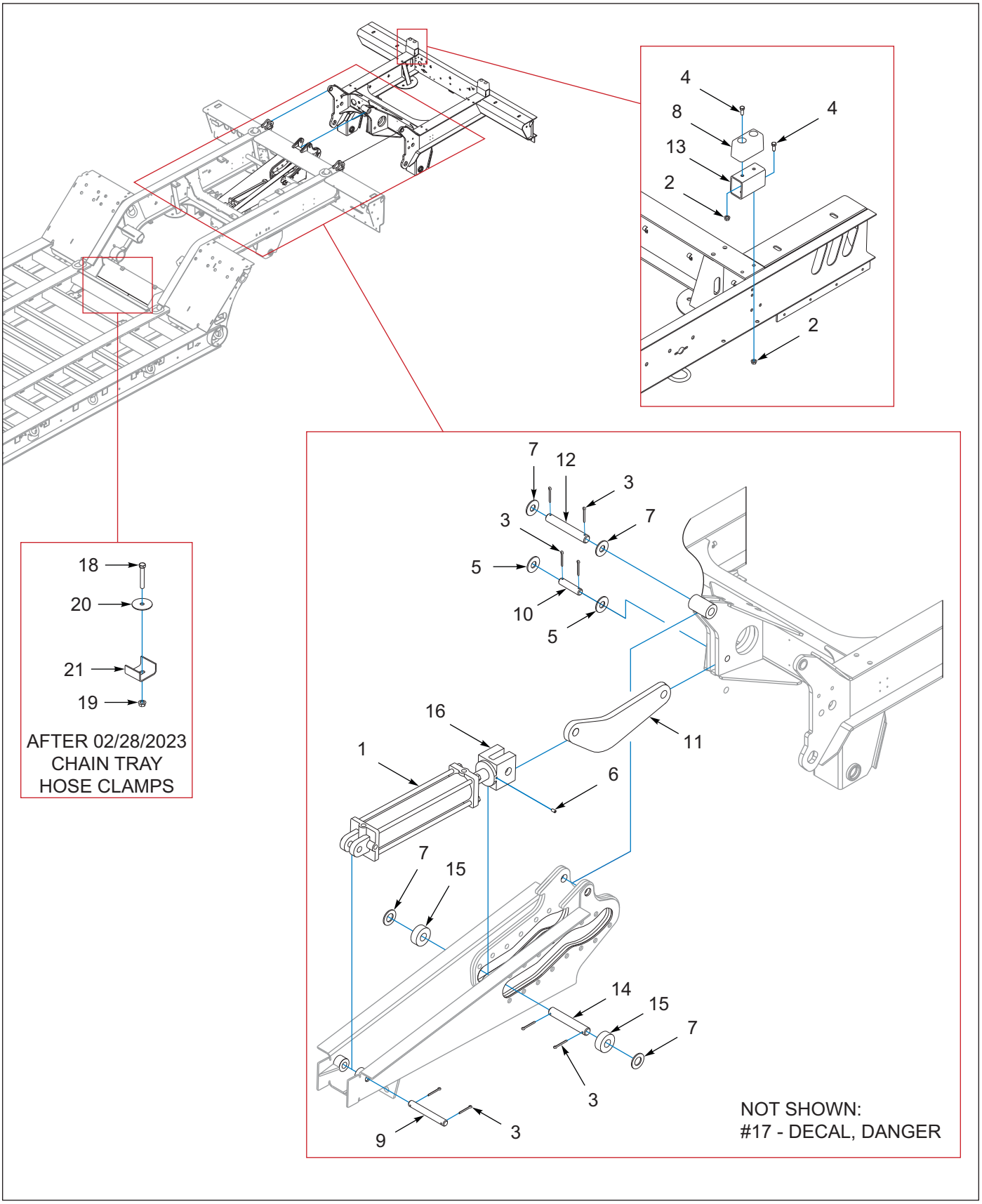


Figure 4-6: Hydraulic Flip Assembly 835 / 845AG (Option)

Hydraulic Flip Assembly 835 / 845AG (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 13-25)**	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

Wheel Covers, One-Piece, Steel (Option)

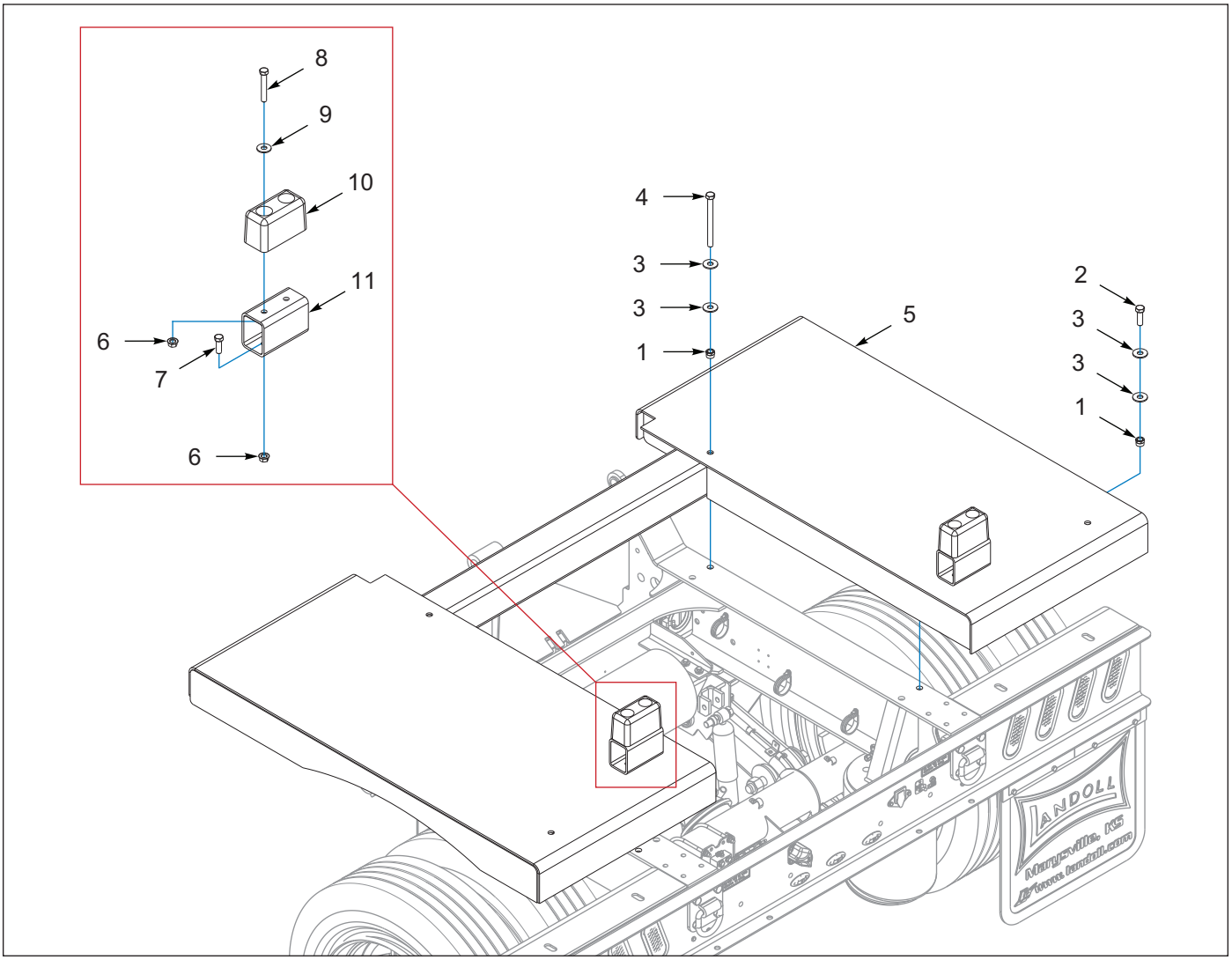


Figure 4-7: Wheel Covers, One-Piece, Steel (Option)

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

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Suspension Assembly

Axle 16.50 x 7.00 Drum Brake Components

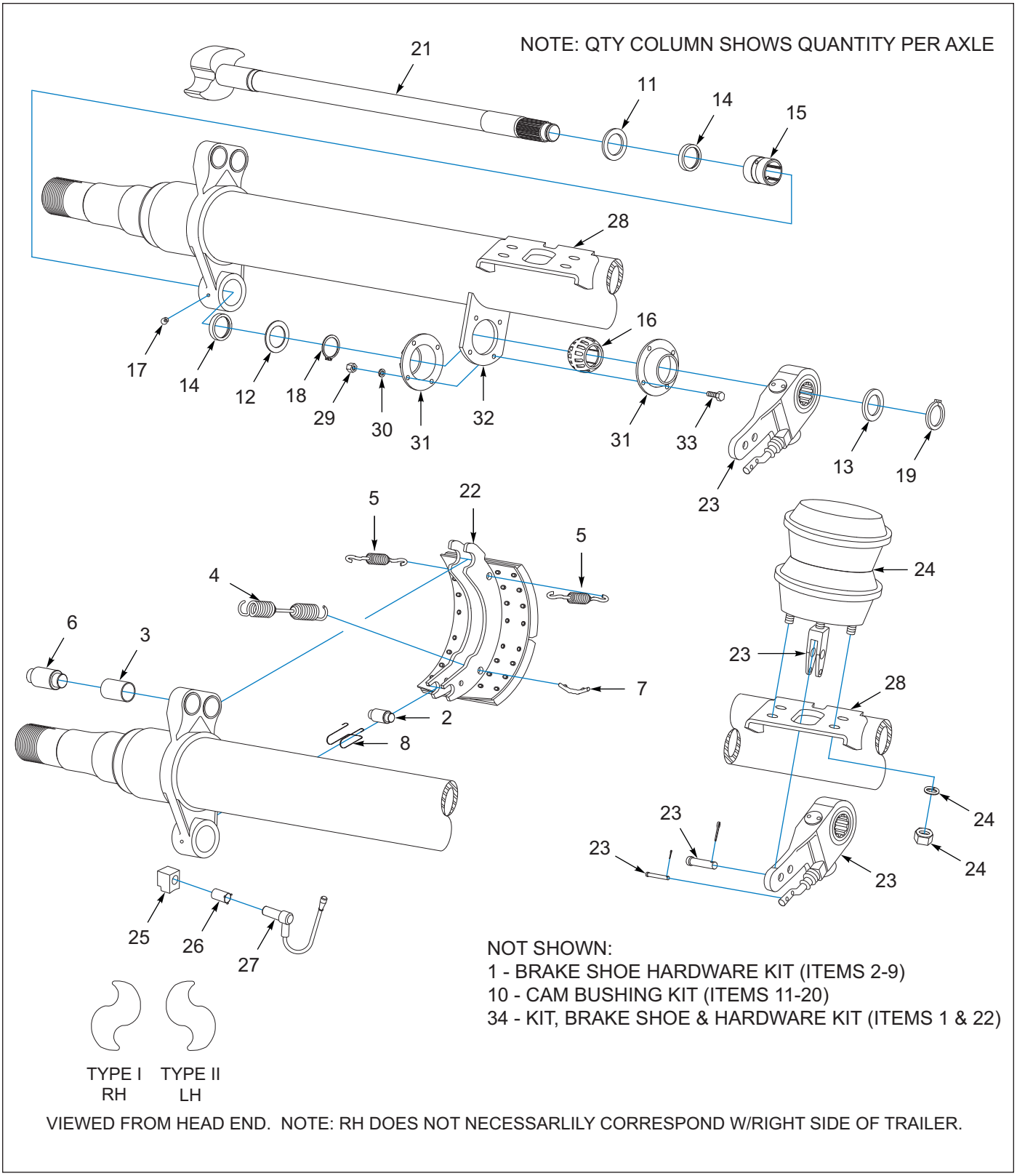


Figure 5-1: Axle 16.50 x 7.00 Drum Brake Components

Axle 16.50 x 7.00 Drum Brake Components

ITEM	PART NUMBER	DESCRIPTION	QTY
	212424	AXLE 79 16.5SPG 25K TIS **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
	212425	AXLE 85 16.5SPG 25K TIS **(VIN / NIV REQUIRED, CALL FOR ASSISTANCE)**	- -
	212426	AXLE 87, 16.5 X 7 SPG BRK - 25K **(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)**	2
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	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 16.50 x 7.00 Drum & Hub Components

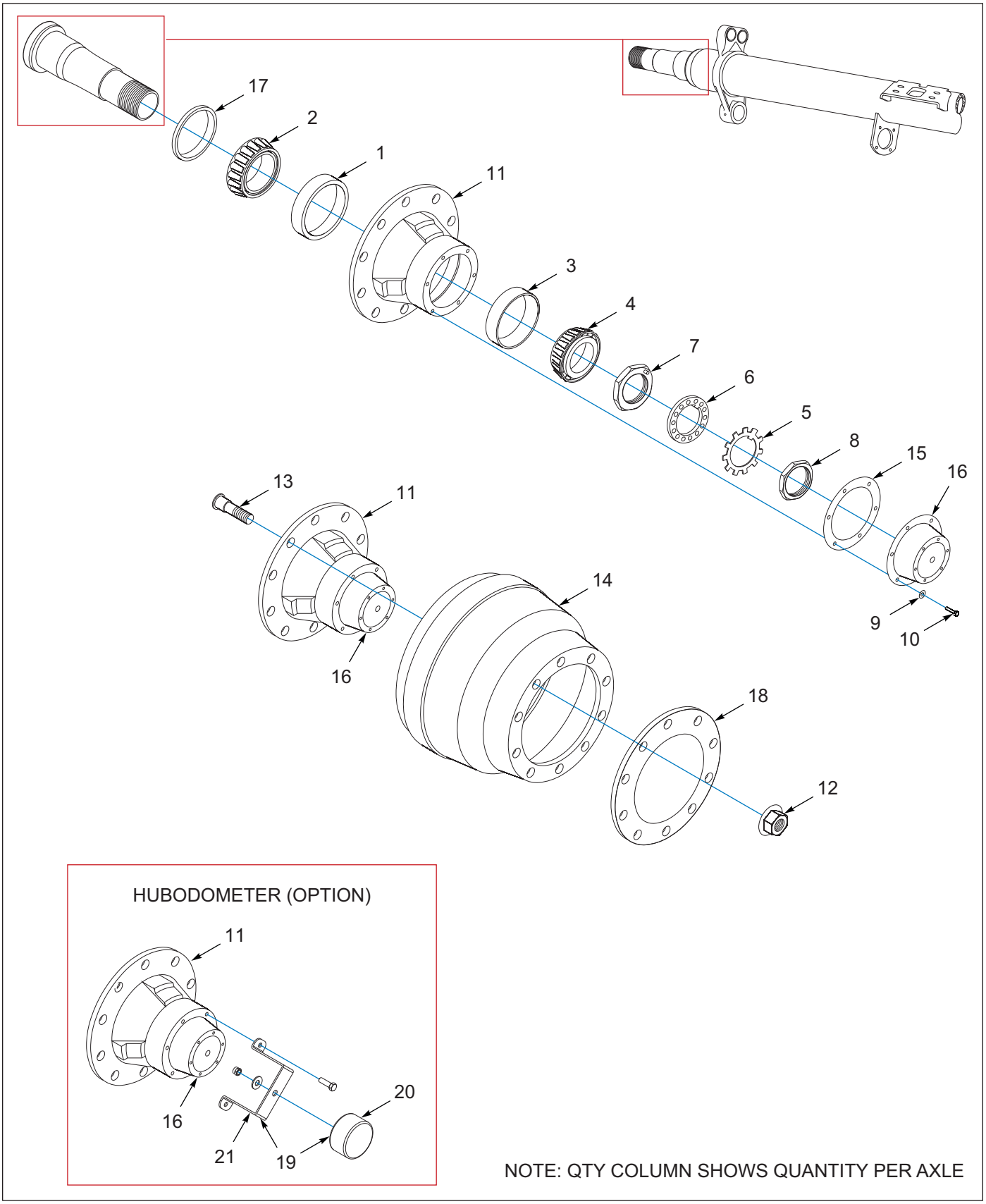


Figure 5-2: Axle 16.5 x 7 Drum and Hub Assembly, Dexter

Axle 16.50 x 7.00 Drum & Hub Components

ITEM	PART NUMBER	DESCRIPTION	QTY
	- - - - -	AXLE WELDMENT 2516 SPRING **(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) (OPTION INCLUDES ITEMS 21, 22)**	1
20	113109	HUBODOMETER 572 RPM	1
21	197606	BRACKET HUBODOMETER 4"H TIS	1

Axle 16.50 Disc Brake & Hub Components (Option)

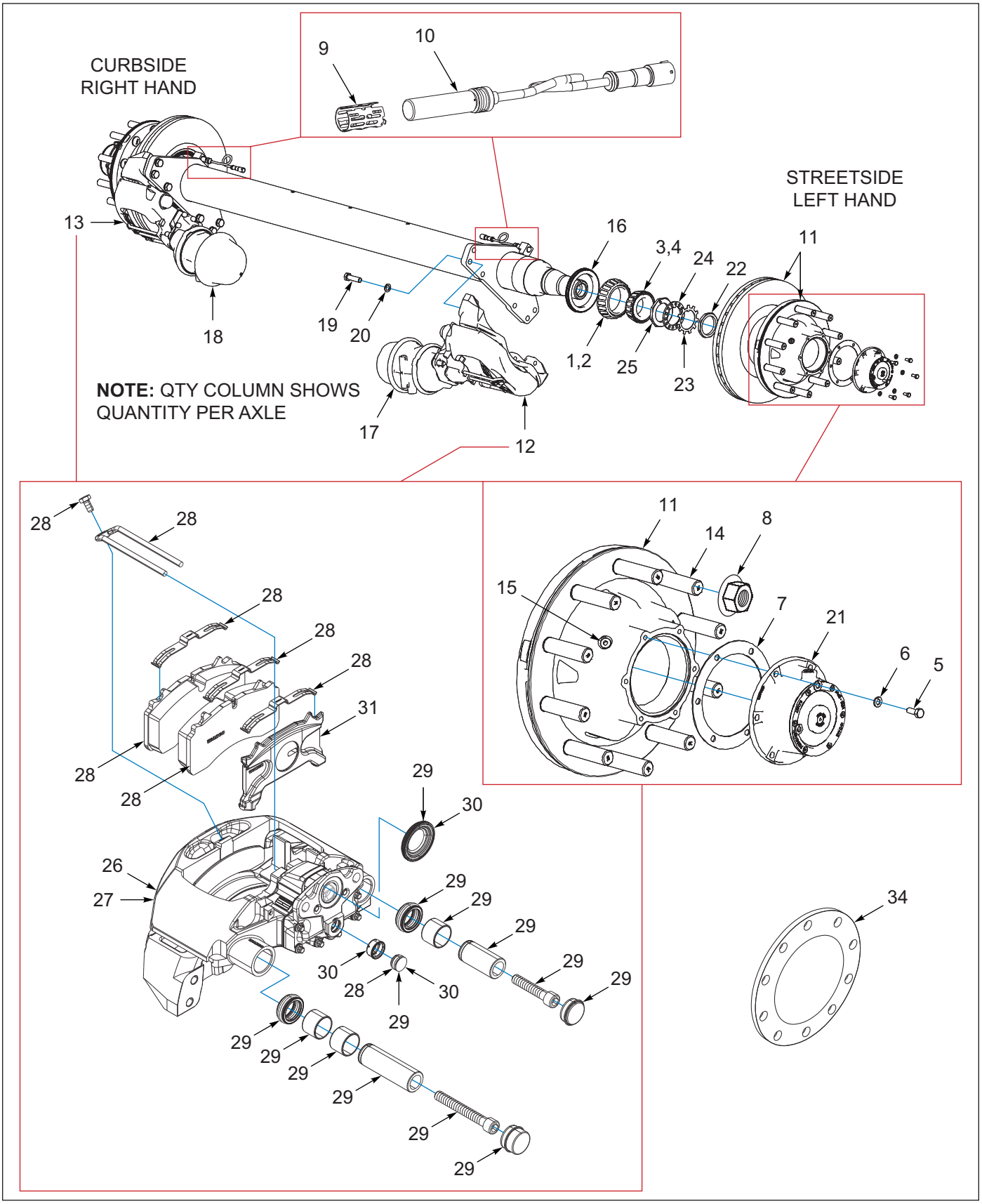


Figure 5-3: Axle 16.50 Disc Brake & Hub Components (Option) (1 of 2)

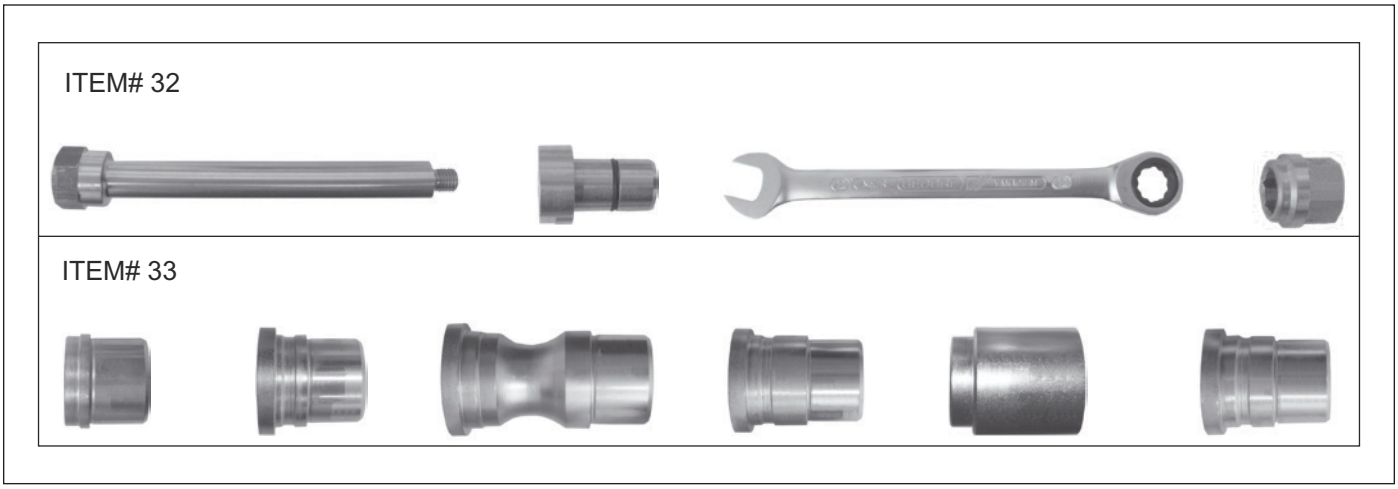


Figure 5-4: Axle 16.50 Disc Brake & Hub Components (Option) (2 of 2)

Axle 16.50 Disc Brake & 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	3067	GASKET HUB	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

Axle 16.50 Disc Brake & Hub Components (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
29	238556	GUIDE BOLT & SEAL KIT PAN22 **(PER CALIPER) (INCLUDED WITH ITEMS 12-13)**	1
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

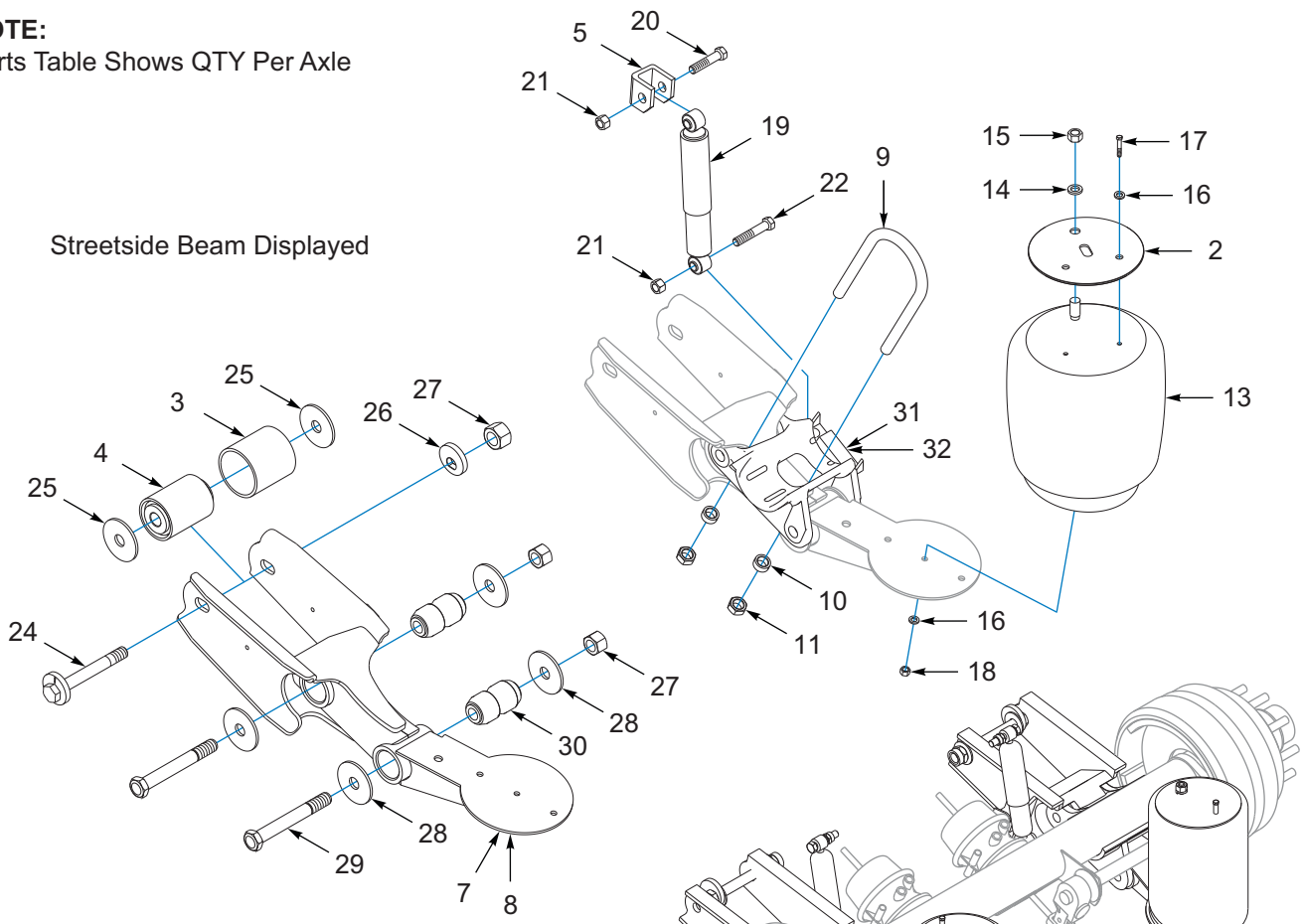
Table provided for general use.

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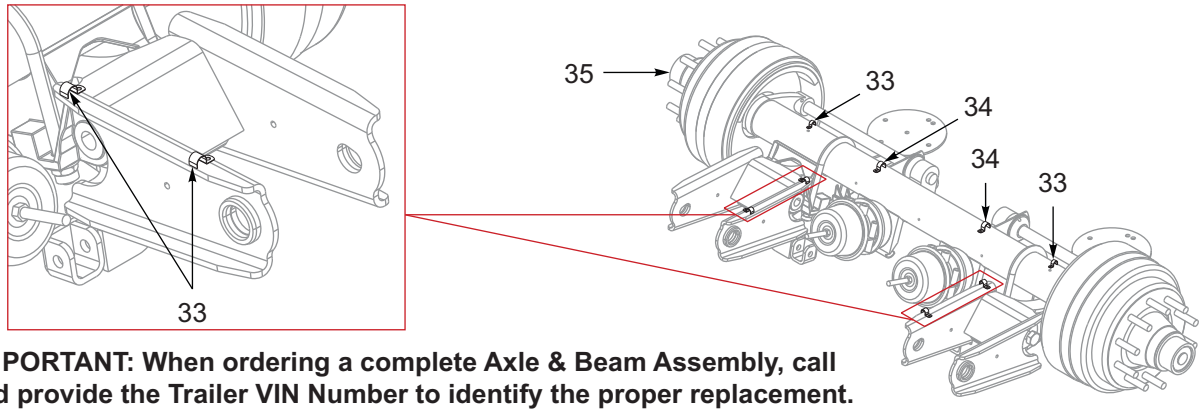
Axle Suspension, RLU 250FMT, 1st Axle

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
	113950	SUSP A/R 326-102 RLU250 **(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 5-26)**	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 24-27)**	2
24	111038	BLOCK ALIGN NEWAY 90508016 **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 23, 1 EACH)**	2
25	111037	WASHER WEAR NEWAY 93600530 **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 23, 2 EACH)**	4
26	129006	ALIGN BLOCK NON-WELD 90008238 **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 23, 1 EACH)**	2
27	111008	NUT LOCK 1-1/8-7 NEWAY **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 23, 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

Axle Suspension, RLU 250FMT, 1st Axle

ITEM	PART NUMBER	DESCRIPTION	QTY
31	- - - - -	AXLE ADPATER LH RLU250-FMT **(STREETSIDE)** **(INCLUDED WITH ITEM 7)**	1
32	- - - - -	AXLE ADPATER RH RLU250-FMT **(CURBSIDE)** **(INCLUDED WITH ITEM 8)**	1
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)**	- -

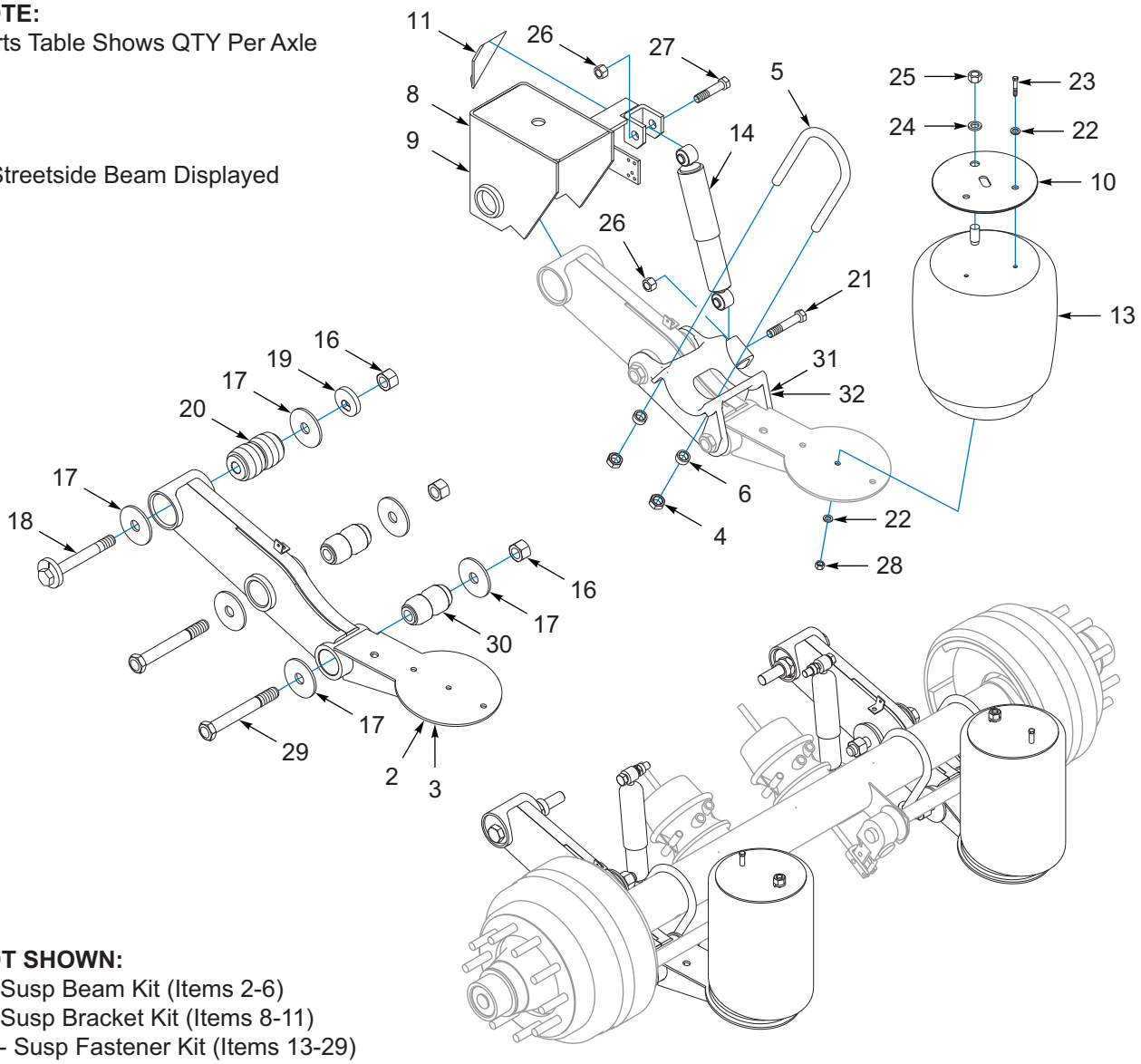
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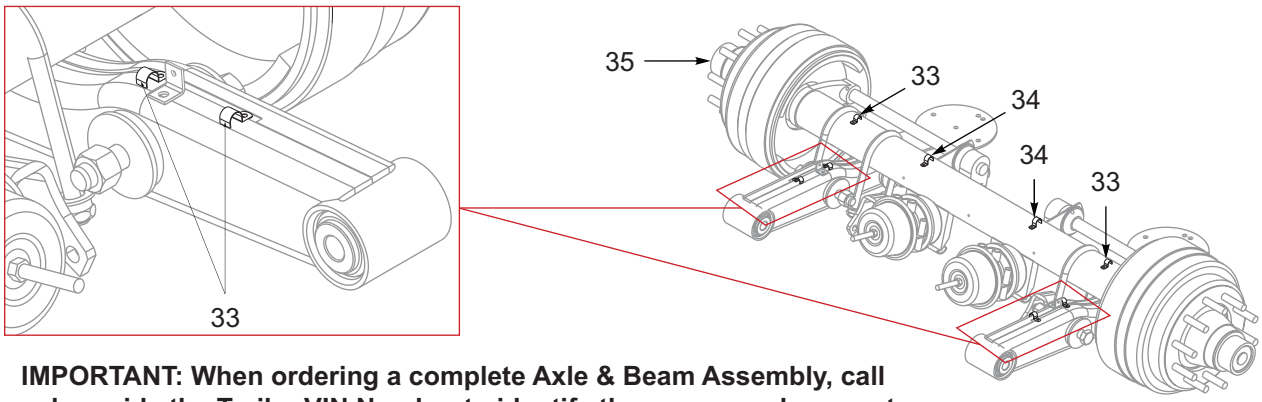
Axle Suspension, RLU 250-9-4, 2nd / 3rd / Flip Axle

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
	113950	SUSP A/R 326-102 RLU250 **(128434-SUSP RLU 250-9-4)**	- -
	- - - - -	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 5-26)**	2
15	109533	ALIGNMENT BLOCK ASSY#48100294 **(INCLUDED ITEM 12) (INCLUDES ITEMS 16-20)**	- -
16	111008	NUT LOCK 1-1/8-7 NEWAY **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 15, 1 EACH)**	6
17	111010	WASHER FLAT NEWAY 90036177 **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 15, 2 EACH)**	12
18	129005	ALIGN BLOCK 90508019 **(WITH BOLT) (INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 15, 1 EACH)**	2
19	129006	ALIGN BLOCK NON-WELD **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 15, 1 EACH)**	2
20	900-08-139	BUSHING NEWAY AR-45 SUSPENSIO **(INCLUDED WITH ITEM 12) (INCLUDED WITH ITEM 15, 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

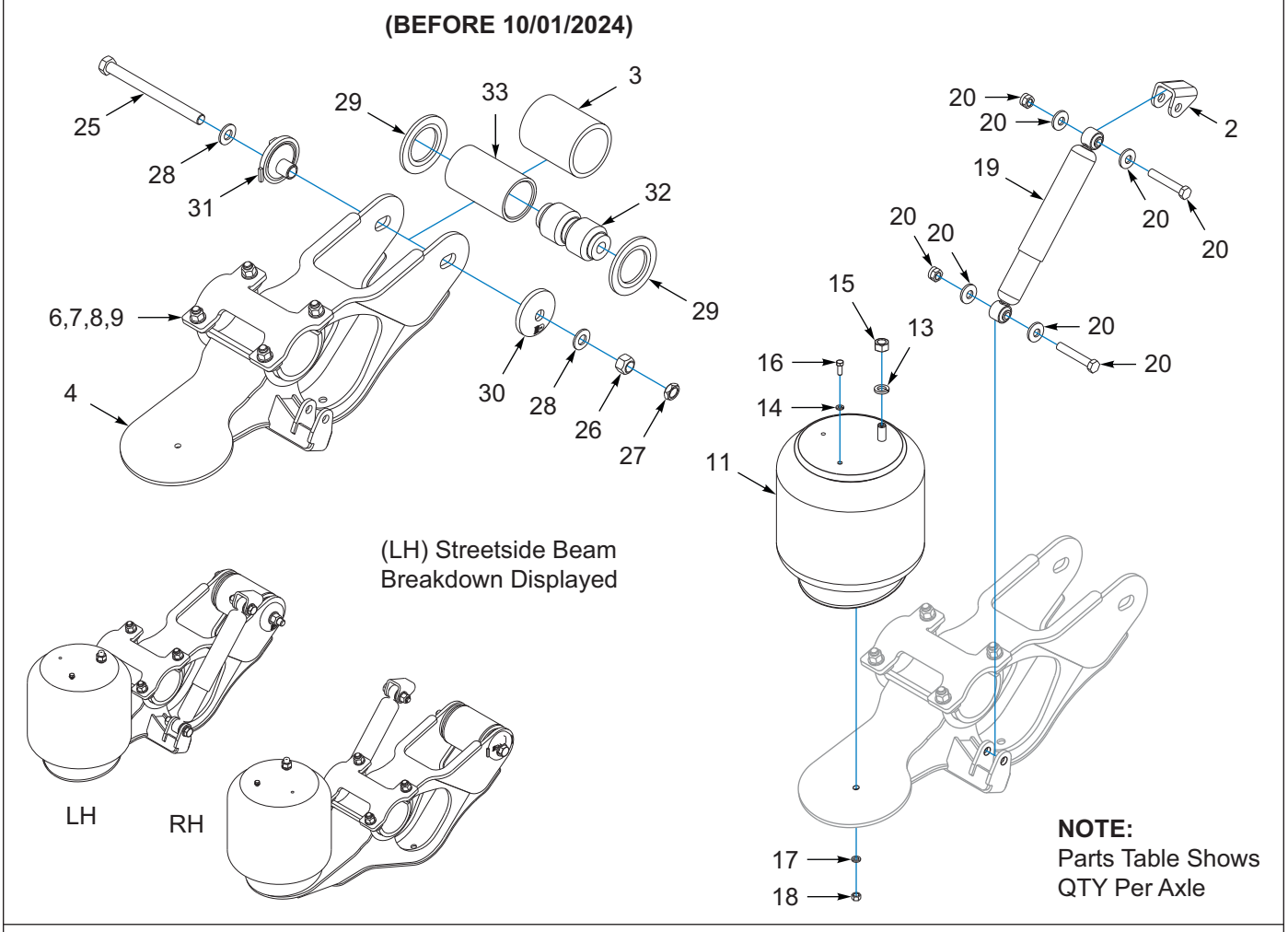
Axle Suspension, RLU 250-9-4, 2nd / 3rd / Flip Axle

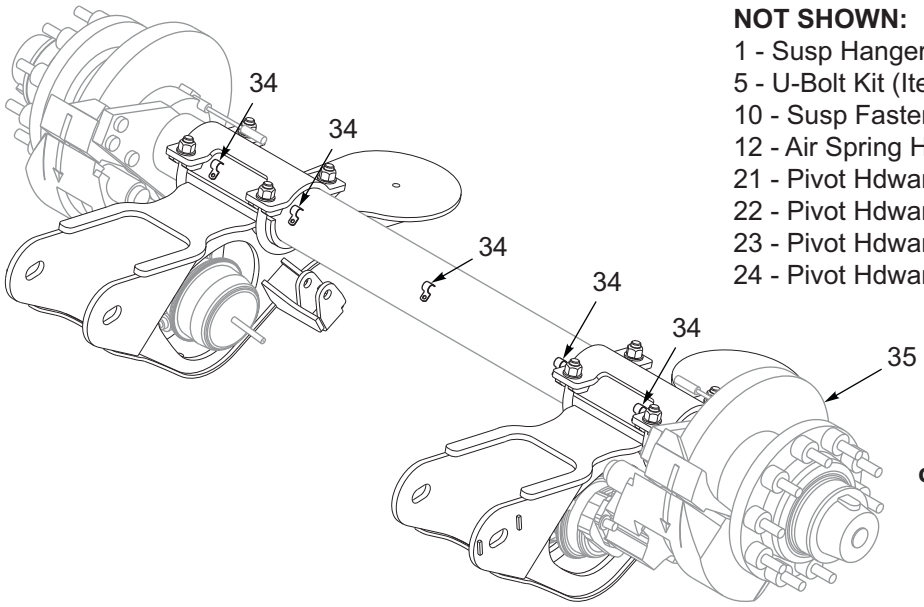
ITEM	PART NUMBER	DESCRIPTION	QTY
31	- - - - -	AXLE ADAPTER **(STEETSIDE) (90501379)** **(INCLUDED WITH ITEM 2)**	1
32	- - - - -	AXLE ADAPTER **(CURBSIDE) (90501380)** **(INCLUDED WITH ITEM 3)**	1
33	3-181-010034-1	CLAMP CONDUIT STEEL 1/2	6
34	3-181-010034-2	CLAMP CONDUIT STEEL 3/4	2
35	- - - - -	AXLE & 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)

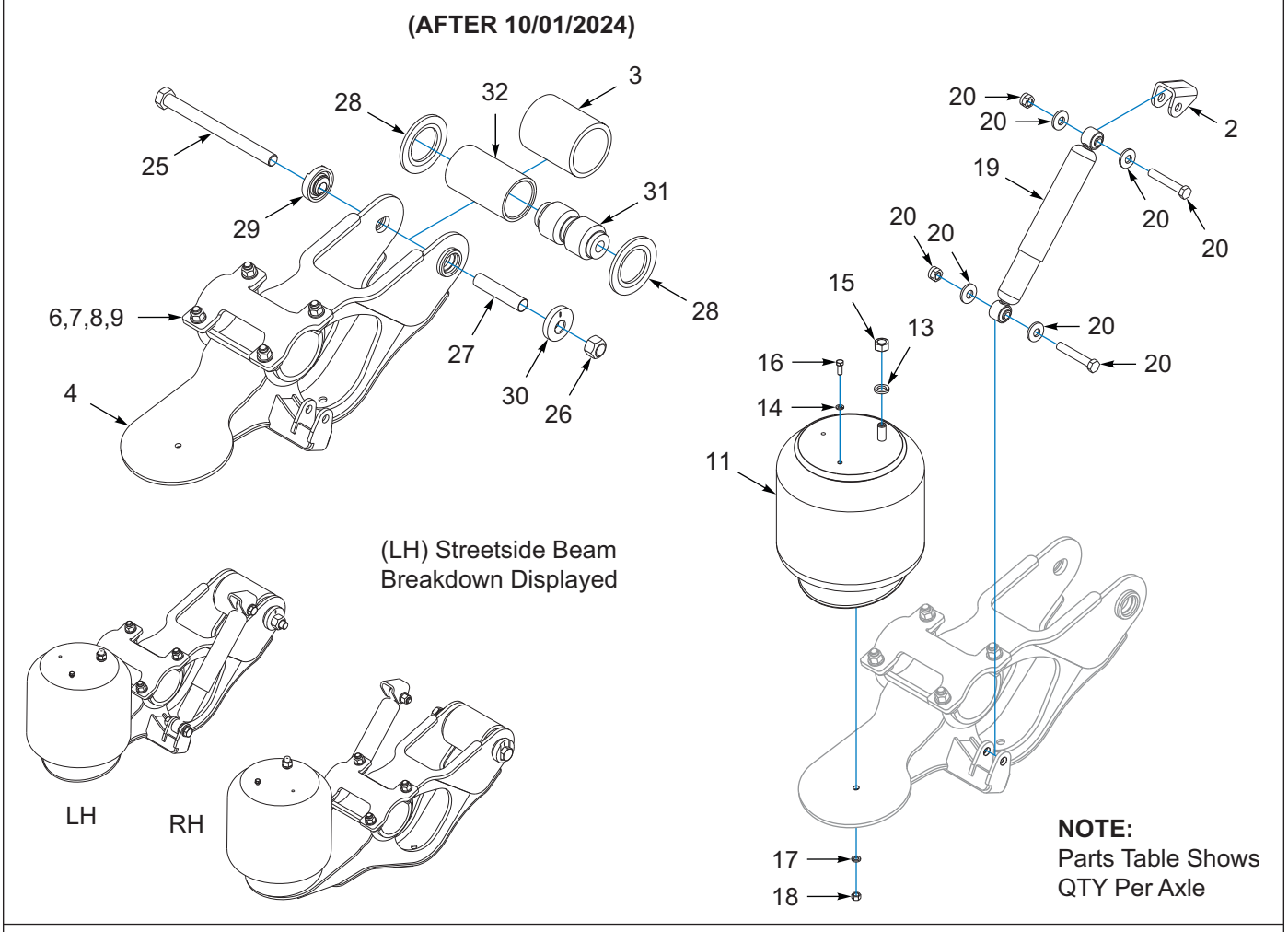
IMPORTANT: When ordering a complete Axle & Beam Assembly, call and provide the Trailer VIN Number to identify the proper replacement.

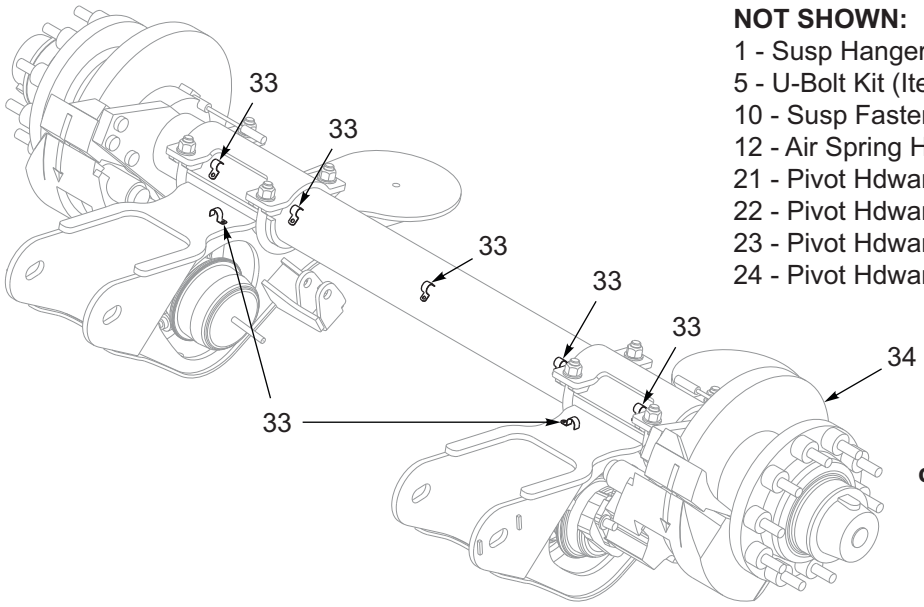
Figure 5-7: Axle Suspension, LSS-25K-9.0RLY, 1st Axle (Option)

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 5-25)**	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-9.0RLY 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 5-25)**	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)

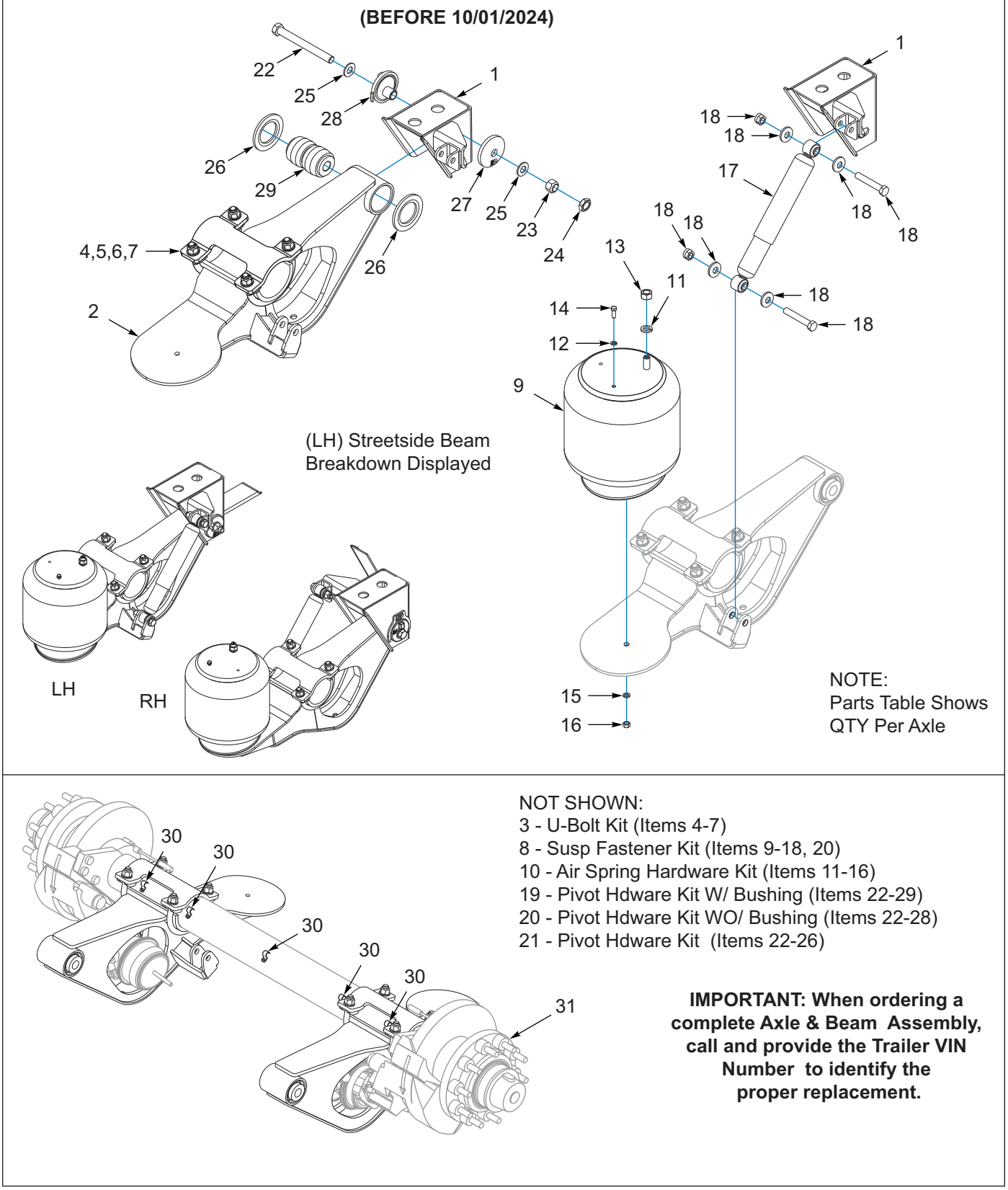


Figure 5-9: Axle Suspension, LSS-25K-9.0RLU, 2nd / 3rd / Flip Axle (Option)

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 5-25)**	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)

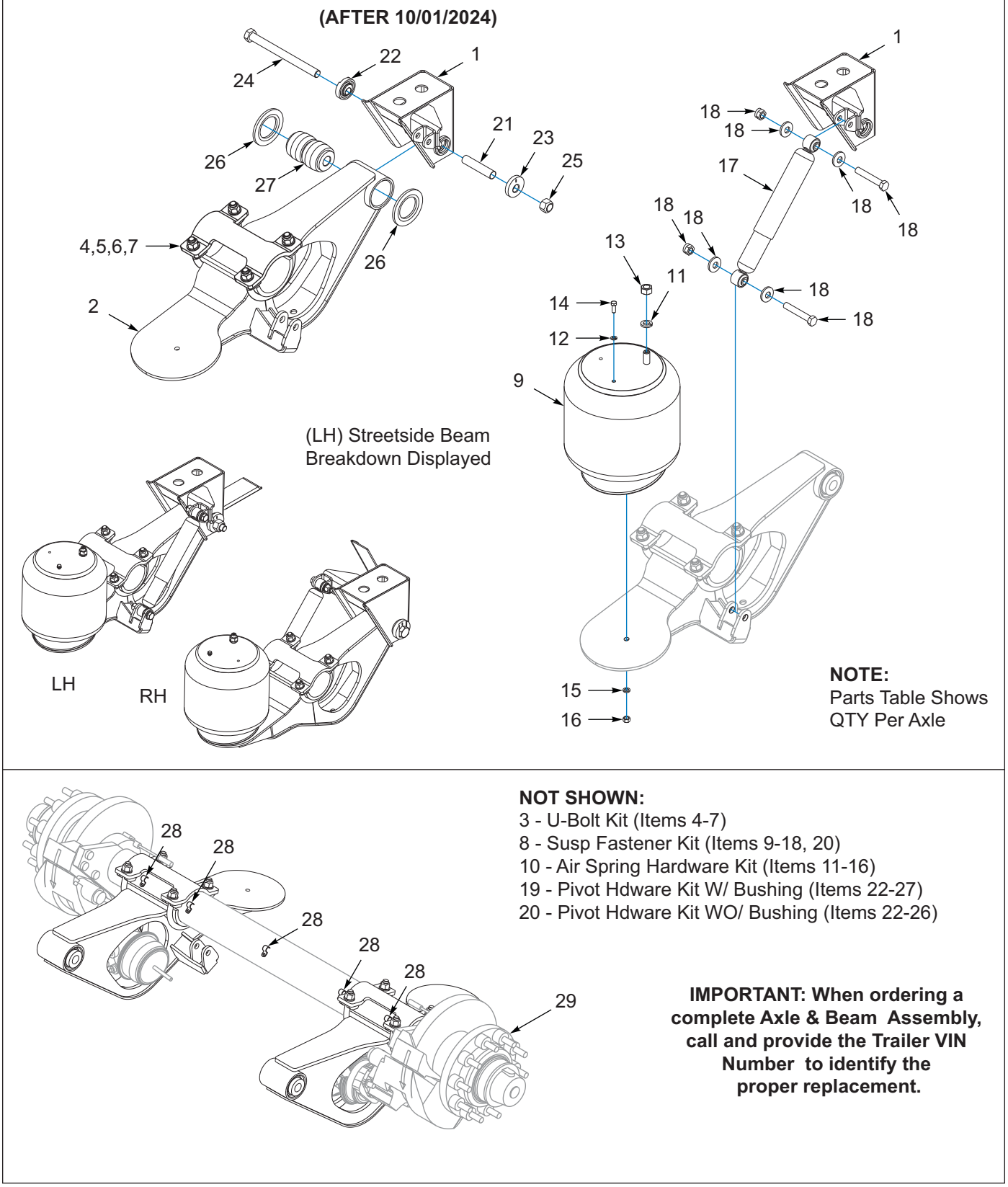


Figure 5-10: Axle Suspension, LSS-25K-9.0RLU CC, 2nd / 3rd / Flip Axle (Option)

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 5-25)**	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, LSS-25K-9.0 (Option)

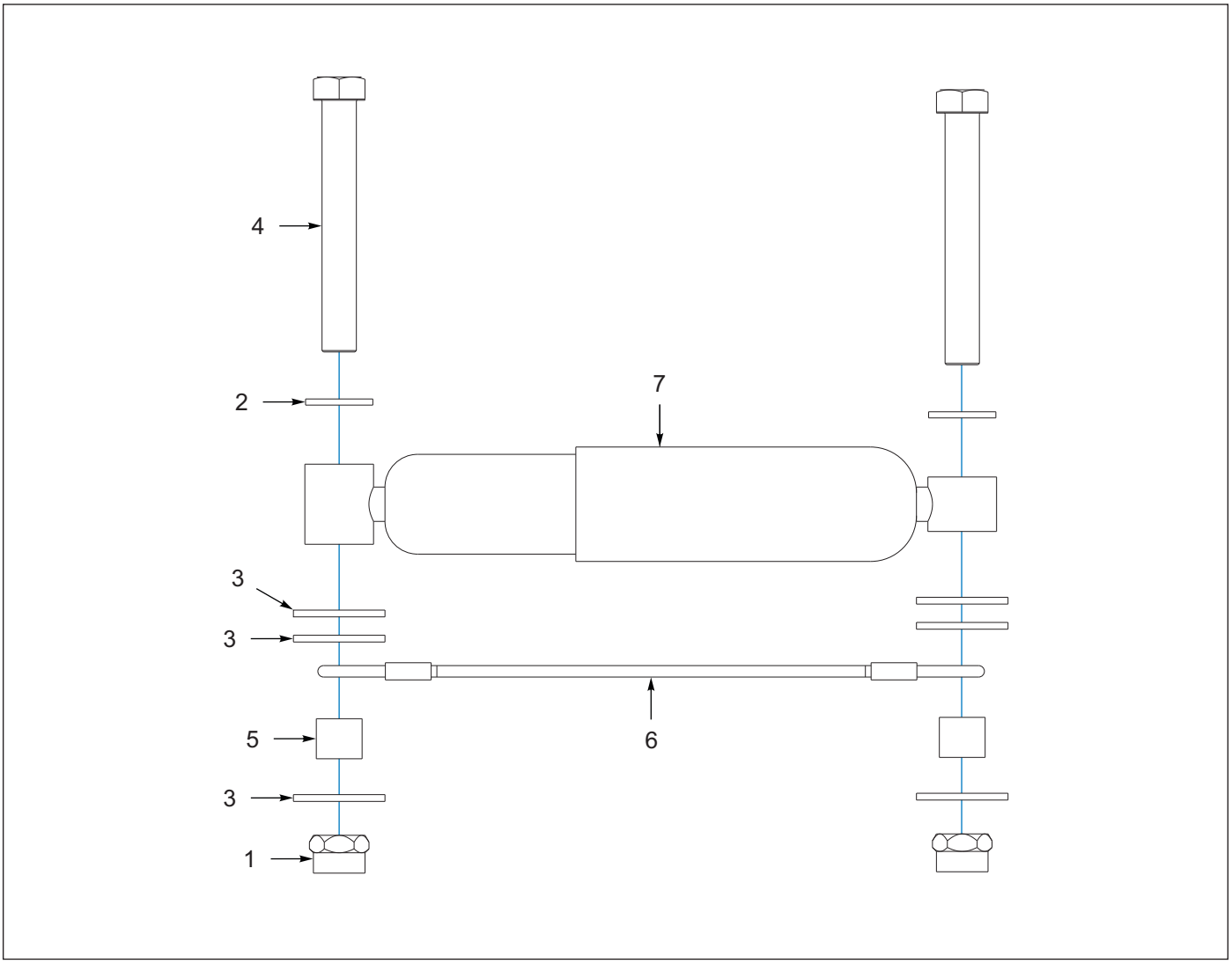


Figure 5-11: Shock Strap, Limit, LSS-25K-9.0 (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	225798	WR STRAP KIT 1 AX LSS-25K-9.0 **(FLIP AXLE) (INCLUDES 2 EACH OF 232774)**	- -
	232775	WR STRAP KIT 2 AX LSS-25K-9.0 **(INCLUDES 4 EACH OF 232774)**	- -
	232776	WR STRAP KIT 3 AX LSS-25K-9.0 **(INCLUDES 6 EACH OF 232774)**	- -
	232774	WR STRAPKIT 1SHOCKLSS-25K-9.0 **(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

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

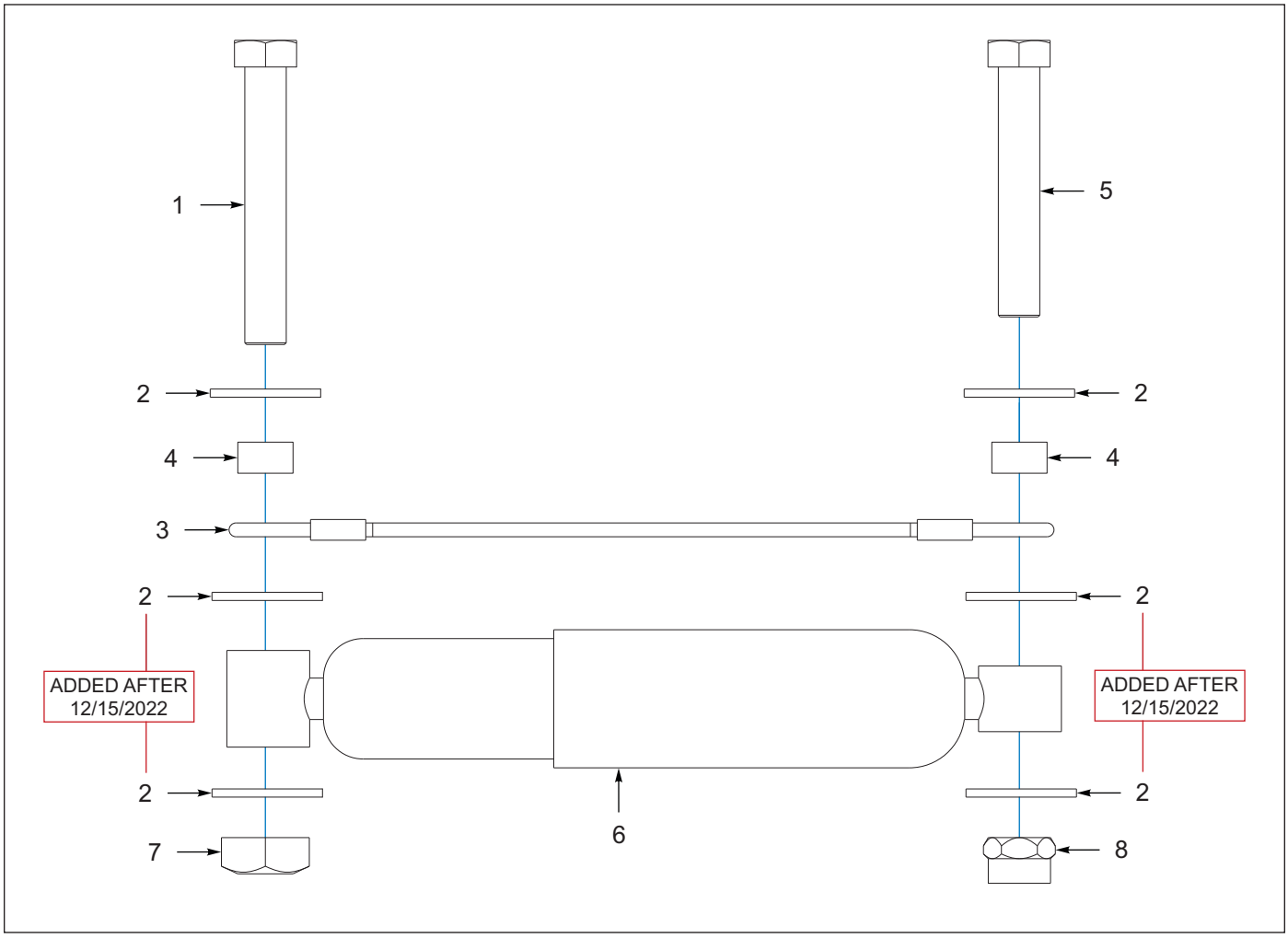


Figure 5-12: Shock Strap, Limit, RLU 250-9-4 (Option)

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

Suspension, Ride Height Control, 1/4" (Before 10/2023)

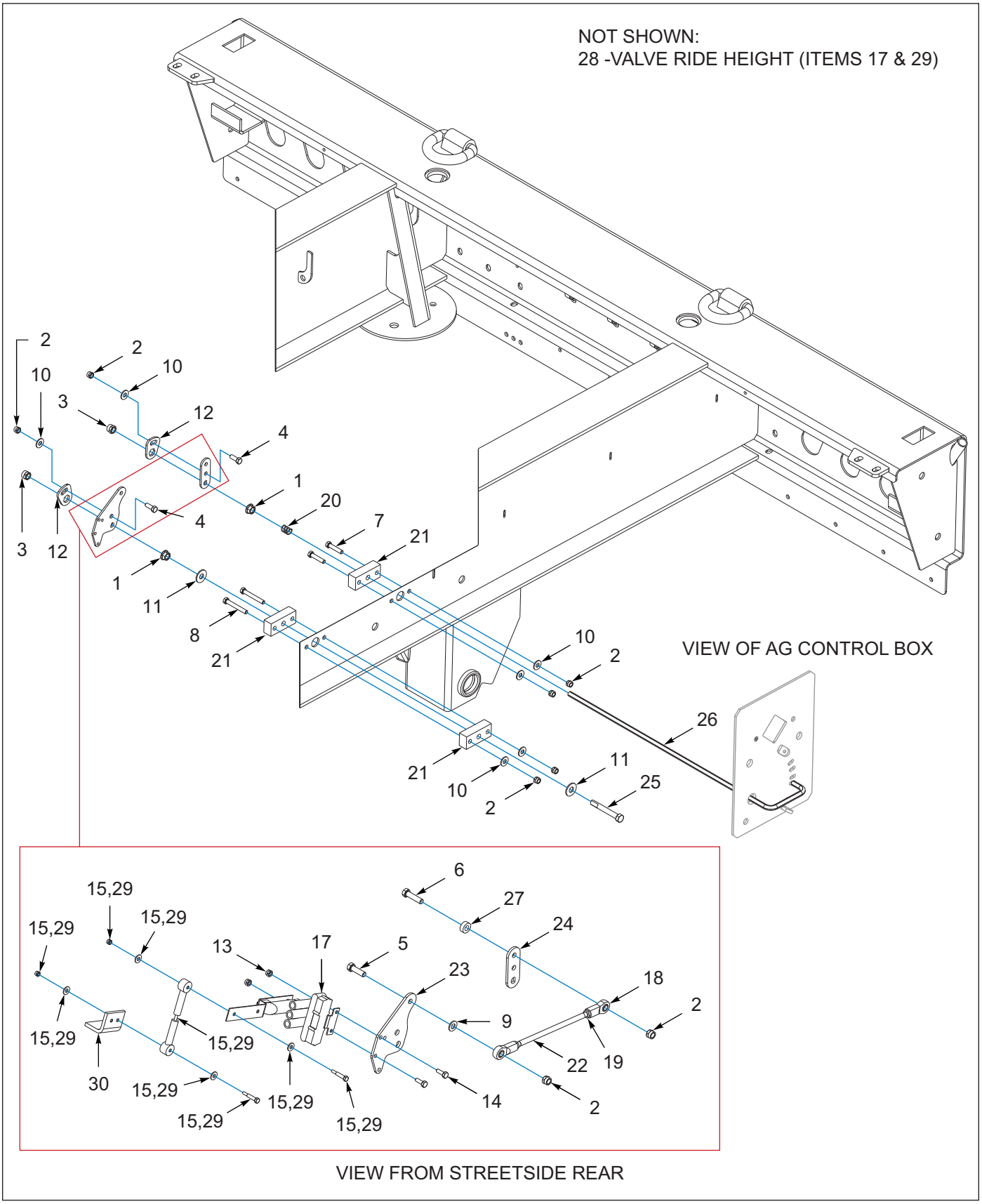


Figure 5-13: Suspension, Ride Height Control, 1/4" (Before 10/2023)

Suspension, Ride Height Control, 1/4" (Before 10/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
1	1-510-010003-09	NUT,1/2-13 FLANGE 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	194426	ANTI-ROTATION WASHER 3/8	2
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 **(INCLUDES 14-1/2" LONG ROD)**	1
16	905-54-107	BRAKE PROTECTION VALVE **(NOT SHOWN)** **(INCLUDES 167692 FILTER)**	1
17	900 54 007	HEIGHT CONTROL VALVE N **(FOR 1/4" AIR LINE)** **(INCLUDED WITH ITEM 28)** **(825AG 2AX AIR SYSTEM- SEE PAGE 10-35)** **(835-845AG 2AX AIR SYSTEM - SEE PAGE 10-39)** **(845AG 3AX AIR SYSTEM - SEE PAGE 10-43)**	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	223142	ROD, HEIGHT CONTROL, 800 50SPD **(BEFORE 05/03/2021 LENGTH 9-1/4" - AFTER 10-1/2")**	1
22	223147	ROD,HEIGHT CONTROL,835 54SPD **(BEFORE 05/03/2021 LENGTH 11-1/4" - AFTER 12-1/2")**	1
22	223148	ROD,HEIGHT CONTROL,835 60SPD **(BEFORE 05/03/2021 LENGTH 14-1/4" - AFTER 15-1/2")**	1
22	232509	ROD HEIGHT CONTROL 800 73SPRD **(BEFORE 05/03/2021 LENGHT 21-1/4" - AFTER 21-1/2")**	1
23	194417	LINK VALVE HT CTRL 855	1
24	194418	LINK ROD HT CTRL 855	1
25	194419	SCREW PIVOT HEIGHT CONTROL	1
26	194425	ROD HEIGHT CTRL 835	1
27	194427	SPACER WASHER HC	1
28	3F843-010034	FI VALVE RIDE HEIGHT CONTROL **(INCLUDES ITEMS 17, 30)**	1
29	481-00-225	LINKAGE (18-1/4" LONG ROD) **(CUT TO FIT)** **(INCLUDED WITH ITEM 28)**	1
30	238806	BRCKT LINK, RIDE HGHT **(SOLD SEPERATELY)**	1

Suspension, Ride Height Control, 3/8" (After 10/2023)

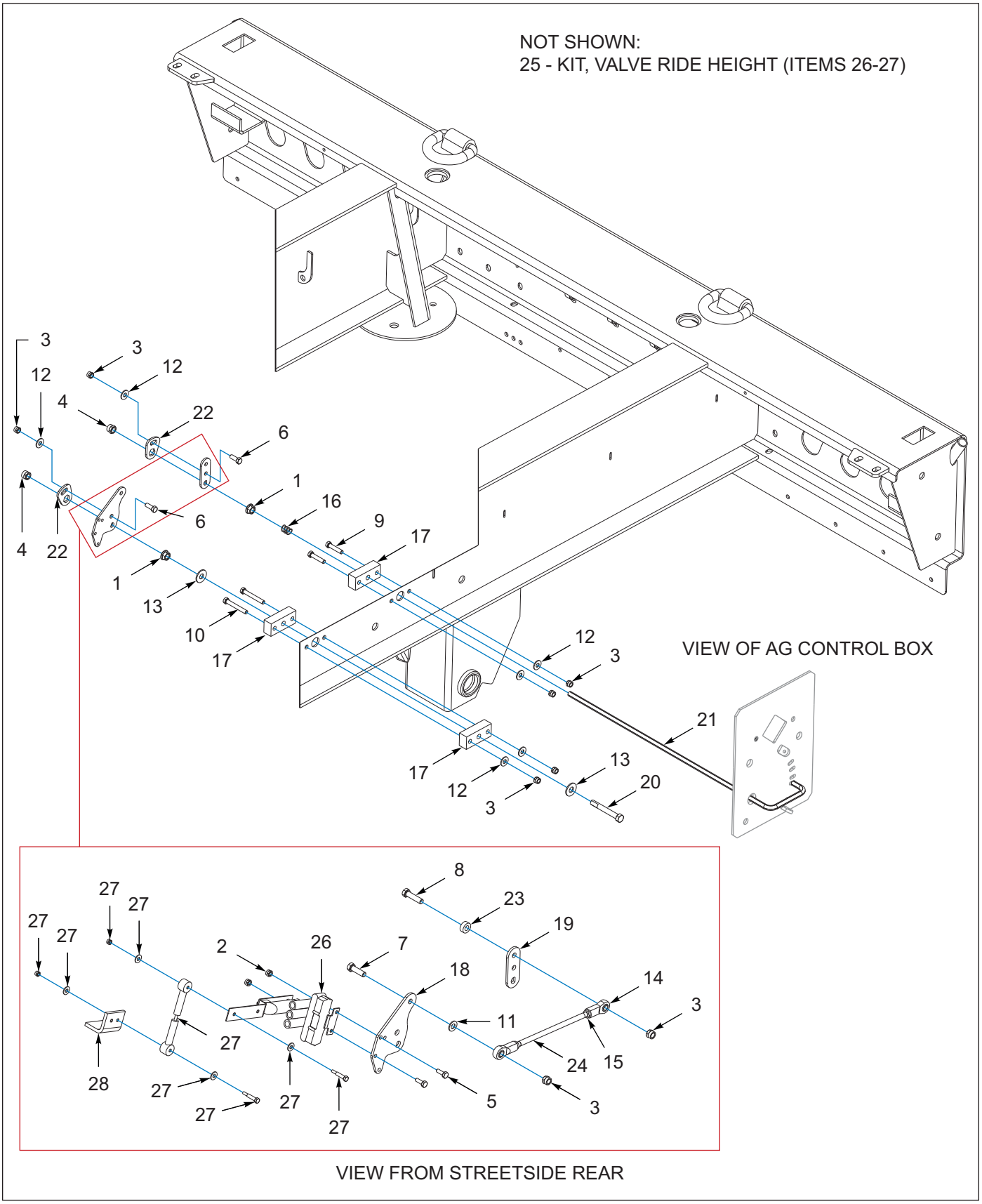


Figure 5-14: Suspension, Ride Height Control, 3/8" (After 10/2023)

Suspension, Ride Height Control, 3/8" (After 10/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
1	1-510-010003-09	NUT,1/2-13 FLANGE HD,SERRATED	2
2	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
3	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	8
4	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
5	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
6	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	2
7	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	1
8	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	1
9	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	2
10	1-654-010051-12	SCREW,HEX CAP,3/8-16UNCX2-3/4	2
11	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1
12	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	6
13	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
14	123717	ROD END, BALL JOINT 3/8	2
15	123869	NUT HX JAM 3/8-24UNF GR2	2
16	174178	SPRING, COMP HGT CONTROL	1
17	194415	PIVOT BLOCK NYLATRON HC	3
18	194417	LINK VALVE HT CTRL 855	1
19	194418	LINK ROD HT CTRL 855	1
20	194419	SCREW PIVOT HEIGHT CONTROL	1
21	194425	ROD HEIGHT CTRL 835	1
22	194426	ANTI-ROTATION WASHER 3/8	2
23	194427	SPACER WASHER HC	1
24	223142	ROD, HEIGHT CONTROL, 800 50SPD **(BEFORE 05/03/2021 LENGTH 9-1/4" - AFTER 10-1/2")**	1
24	223147	ROD,HEIGHT CONTROL,835 54SPD **(BEFORE 05/03/2021 LENGTH 11-1/4" - AFTER 12-1/2")**	1
24	223148	ROD,HEIGHT CONTROL,835 60SPD **(BEFORE 05/03/2021 LENGTH 14-1/4" - AFTER 15-1/2")**	1
24	232509	ROD HEIGHT CONTROL 800 73SPRD **(BEFORE 05/03/2021 LENGHT 21-1/4" - AFTER 21-1/2")**	1
25	240141	VLVE, AIR RIDE HEIGHT HLDX 3/8 **(FOR 3/8" AIR LINE)** **(INCLUDES ITEMS 26-27 & BRAKE PROTECTION VALVE)**	1
26	905-54-183	HEIGHT CONTROL VALVE 3/8 HLDX **(INCLUDED WITH ITEM 25)**	1
27	481-00-225	LINKAGE (18-1/4" LONG ROD) **(CUT TO FIT)** **(INCLUDED WITH ITEM 25)**	1
28	238806	BRCKT LINK, RIDE HGHT **(SOLD SEPERATELY)**	1

Suspension, Axle Air Lift (Option)

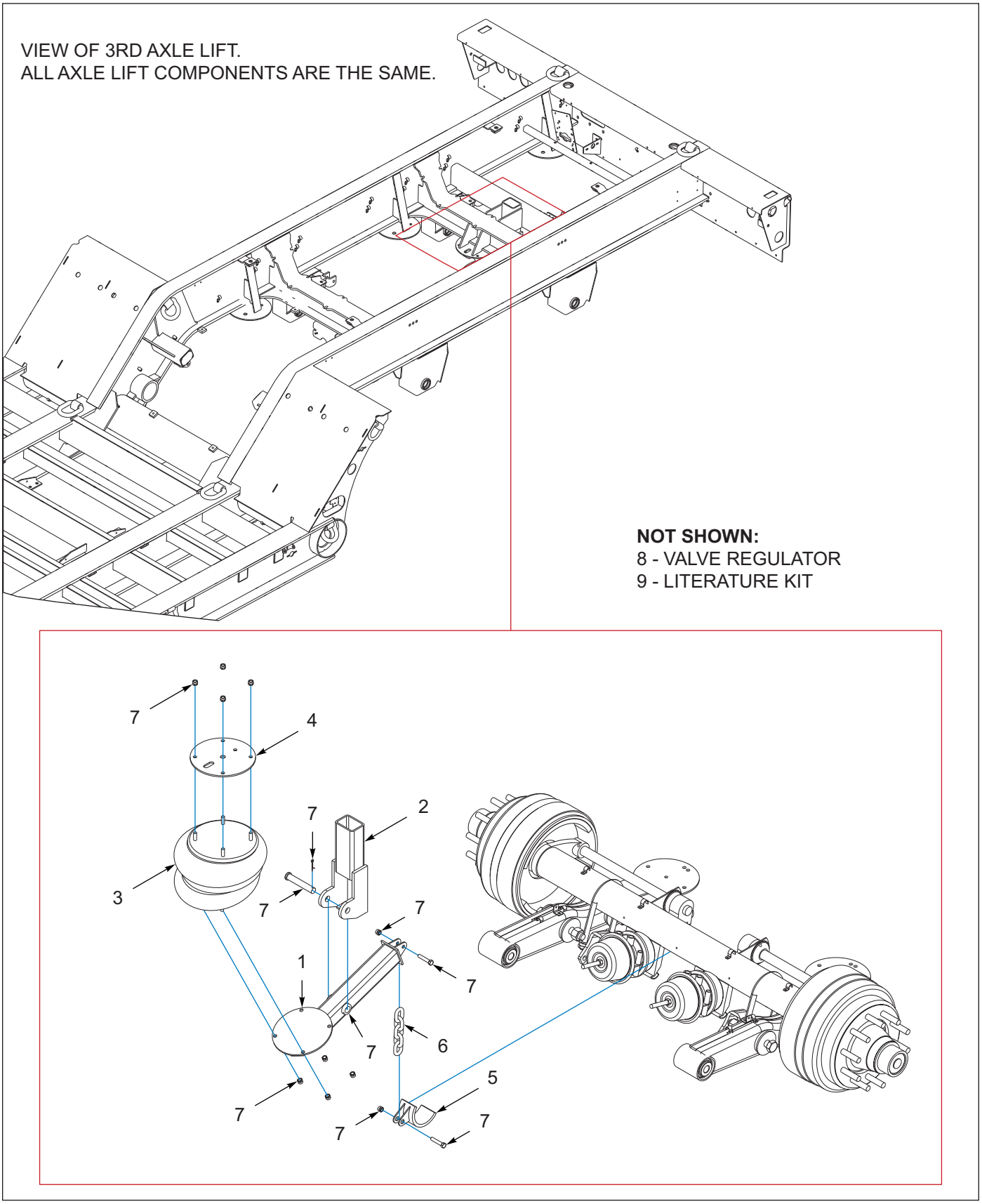


Figure 5-15: Suspension, Axle Air Lift (Option)

Suspension, Axle Air Lift (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	227042	CONTROL LIFT AXLE 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 **(1ST / 3RD AX AIR SYSTEM BEFORE 12/01/2023 - SEE PAGE 10-59)** **(1ST / 3RD AX AIR SYSTEM AFTER 12/01/2023 - SEE PAGE 10-59)** **(3RD AX AIR SYSTEM BEFORE 12/01/2023 - SEE PAGE 10-63)** **(3RD AX AIR SYSTEM AFTER 12/01/2023 - SEE PAGE 10-65)**	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 (**1ST / 3RD AX AIR SYSTEM BEFORE 12/01/2023 - SEE PAGE 10-59)** **(1ST / 3RD AX AIR SYSTEM AFTER 12/01/2023 - SEE PAGE 10-59)** **(3RD AX AIR SYSTEM BEFORE 12/01/2023 - SEE PAGE 10-63)** **(3RD AX AIR SYSTEM AFTER 12/01/2023 - SEE PAGE 10-65)**	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.

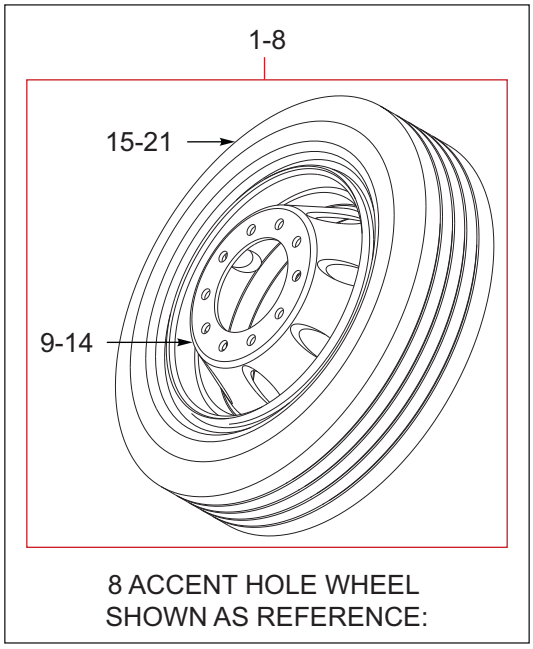
ITEMS 1-6 ARE MOST COMMON TIRE ASSEMBLIES.

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 5-16: 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 Assembly, Honda 11HP, Gasoline

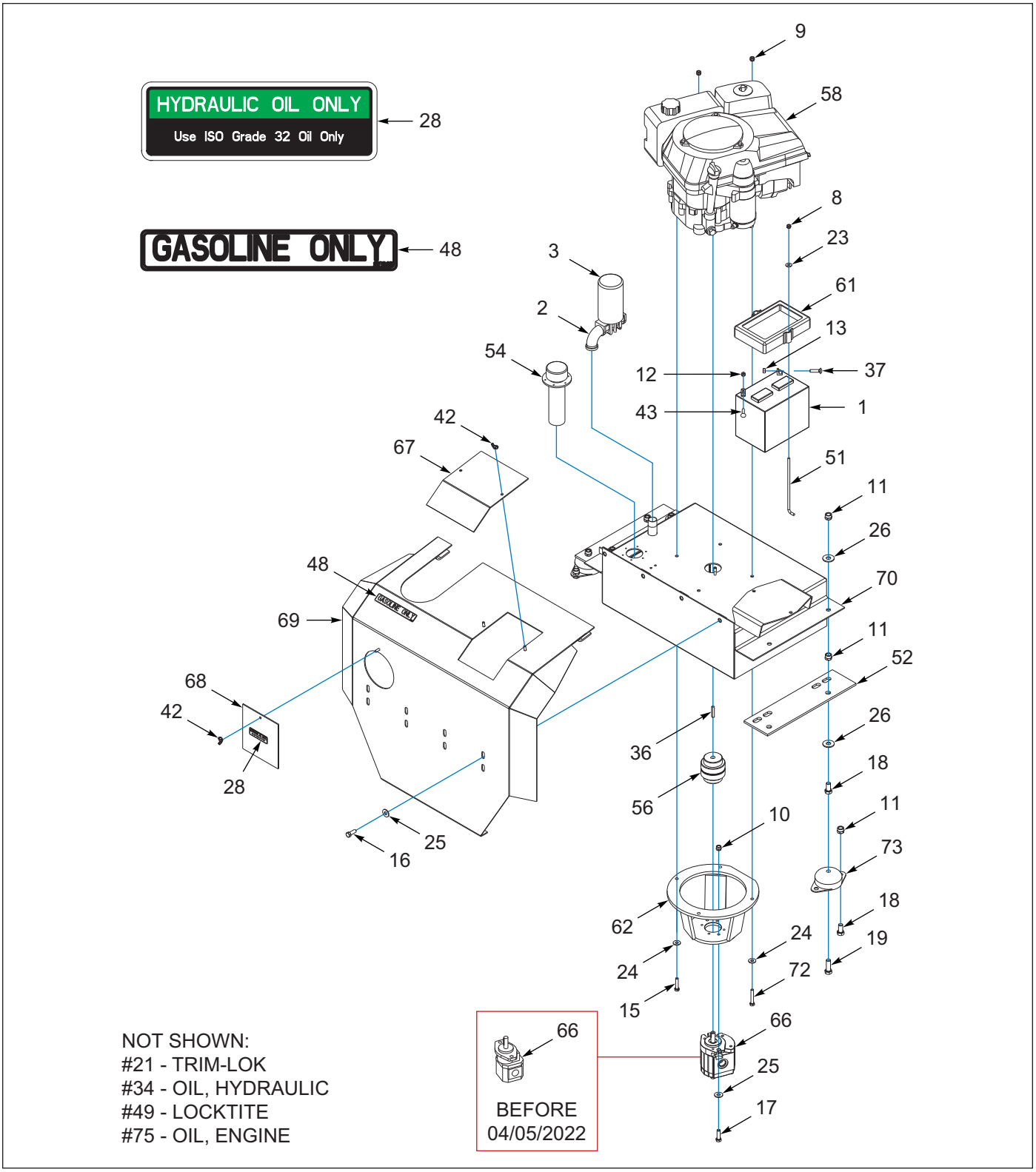


Figure 6-1: Engine Assembly, Honda 11HP, Gasoline (1of 2)

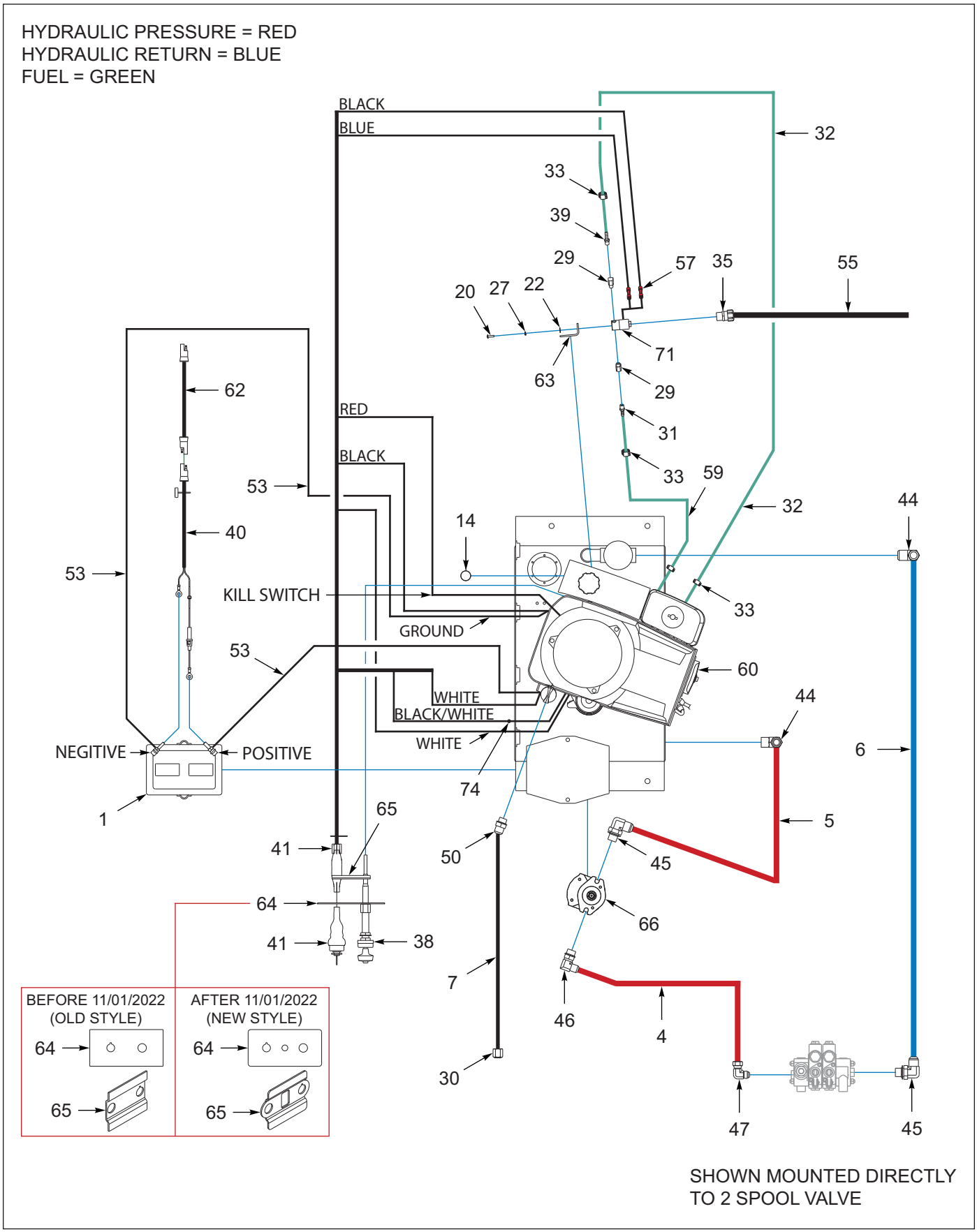


Figure 6-2: Engine Assembly, Honda 11HP, Gasoline (2 of 2)

Engine Assembly, Honda 11HP, Gasoline

ITEM	PART NUMBER	DESCRIPTION	QTY
	B7-273-008	ENGINE DRIVE 11 HP-102,HONDA	- -
1	1-060-010004	BATTERY, 12VOLT ALL-PURP UTIL	1
2	1-271-010005-05	ELBOW,STR,PIPE,BLK,SCH,3/4	1
3	1-295-010001	FILTER, RETURN LINE	1
4	1-397-010302060	HOSE ASSY1/2X60,SAE37,STR-90	1
5	1-397-010304016	HOSE ASSY 3/4X16,SAE37,STRSTR	1
6	1-397-010305060	HOSE ASSY 3/4X60,SAE 37,STR90	1
7	1-397-010318018	HOSE ASSY,1/2X18,JIC,#12-#14	1
8	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
9	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
10	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
11	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	16
12	1-512-010007-05	NUT, HEX 1/4-20 GR2 ZP	1
13	1-512-010007-06	NUT, HEX 5/16-18 GR2 ZP	1
14	1-560-010002-05	PLUG,PIPE, 3/4-14NPTF	1
15	1-654-010050-07	SCREW,HX CP 5/16-24UNFX1-1/2	2
16	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	4
17	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
18	1-654-010055-01	SCR,HX CP 1/2-13UNCX1 GR5	12
19	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	4
20	1-654-010100015	SCREW 8-32X5/8 MACH SL TRUSS	2
21	1-822-010002	TRIM-LOK 3/16 **(NOT SHOWN)**	3.833
22	1-861-010032-03	WASHER, FLAT #10 ZP/CD	2
23	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
24	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	4
25	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	6
26	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
27	1-861-010034-07	WASHER,LKG,HLCL SPR, NO 10	2
28	10109	DECAL, HYDRAULIC FLUID ONLY **(AFTER 11/19/2018)**	1
29	101528	ELBOW,BRASS PIPE STREET **(AFTER 05/26/2015 - BEFORE 11/09/2017, 1 EACH)** **(AFTER 11/09/2017, 2 EACH)**	2
30	102-0323	ADAPTER, #8 JIC CAP NUT	1
31	102-0511	HOSE BARB 1/8 MALE PIPE-1/4 H	1
32	104-0505	HOSE FUEL LINE 1/4 ID**(BY THE FOOT)** **(BEFORE 09/08/2014, 1FT)**	2
33	105-0105	CLAMP,HOSE IDEAL 6203	4
34	105-0722	HYDRAULIC OIL-MOBIL DTE13 **(NOT SHOWN)**	6
35	106-0078	CONNECTOR T&B#2521	1
36	110-4337	KEY 1/4X1/4X1-1/2 LG STL	1
37	111-1267	5/16X1-1/4 CARRIAGE BOLT GR5	1
38	139140	CABLE, THROTTLE 20 SERIES	1
39	144736	HOSE BARB 1/8MALE NPT-3/16H	1
40	153032	HARNESS TRICKLE CHRG BATT ASSY	1
41	3-368-010068	HARNESS 8HP BRIGGS & STRATTON **(BEFORE 06/01/2015)**	1
41	3-765-010015	SWITCH ASSY B&S **(BEFORE 06/01/2015)**	1
41	178432	SWITCH & HARNESS KIT DETACH **(AFTER 06/01/2015)**	1
42	1/4-20WN	NUT, WING 1/4-20	3
43	1/4-20X1-1/4 CB	CARRIAGE BOLT	1

Engine Assembly, Honda 11HP, Gasoline

ITEM	PART NUMBER	DESCRIPTION	QTY
44	2024-12-12S	ADAPTER 90 3/4MPT X3/4M JIC	2
45	2062-10-12S	ADAPTER,O-RINGBOSS 90DEG 37FL	1
46	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	1
47	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
48	218046	DECAL GASOLINE ONLY **(AFTER 11/19/2018)**	1
49	#242 LOCKTITE	LOCKTITE 242 BLUE REMOVABLE **(NOT SHOWN)**	0.002
50	3-007-010042	ADAPTER, M20X7/8-14	1
51	3-014-010023	BOLT, ANCHOR, BATTERY	2
52	3-054-010066	BAR ENG PKG MT 42 B/C	2
53	3-156-010042	CABLE ASSY,5/16 TERM X18" LG	2
54	3-162-010001	FILLER BREATHER STRAINER ASSY	1
55	3-201-010002	CONDUIT 3/8 PLASTIC FLEX	1
56	3-220-010010	COUPLING ASSY	1
57	3-272-010021	ELECT BUTT SPLICE 16-14 W/SEA	2
58	3-273-010014	ENGINE 11HP HONDA	1
59	3-316-010008	3/16 ID FUEL HOSE **(BY THE FOOT)** **(BEFORE 09/08/2014, REQ 1.2' - AFTER 09/08/2014, REQ 1')**	1
60	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	1
61	3-380-010006	HOLD-DOWN,BATTERY DETACHABLES **(BEFORE 04/07/2022, NON-ADJUSTABLE)** **(AFTER 04/07/2022, ADJUSTABLE)**	1
62	3-482-010051	PUMP MOUNT WELDMENT 12.5 HP	1
63	3-482-010137	MOUNT FUEL SOLENOID	1
64	3-565-010172	PLATE, MTG ENG CONTROLS	1
65	3-565-010173	CLAMP, MOUNTING PLATE	1
66	3-591-010010	PUMP, HYDR GEAR .388DISP **(BEFORE 04/05/2022)**	- -
66	239702	PUMP GEAR 6CC/REV #8 ORB **(AFTER 04/05/2022)**	1
67	3-681-010056	COVER, ENG ACCESS,ENG SHIELD	1
68	3-681-010057	COVER, HYD ACCESS,ENG SHIELD	1
69	3-681-010069	SHIELD ENGINE DRIVE HONDA	1
70	3-786-010037	TANK WLDMT 5.4 GAL W/ENG MT	1
71	3-850-010002	VALVE, SOLENOID, 2-WAY 12VDC	1
72	5/16-18X2 HHCS	SCREW ZP GR2	2
73	CA-1595	MOUNT,MACHINE 1/2 40 DUROMTR	4
74	STP-164	BULLET CONNECTOR, FEMALE	1
75	T30291	10W-40W OIL **(NOT SHOWN)**	0.42

Engine Assembly, Honda 11HP, Mount

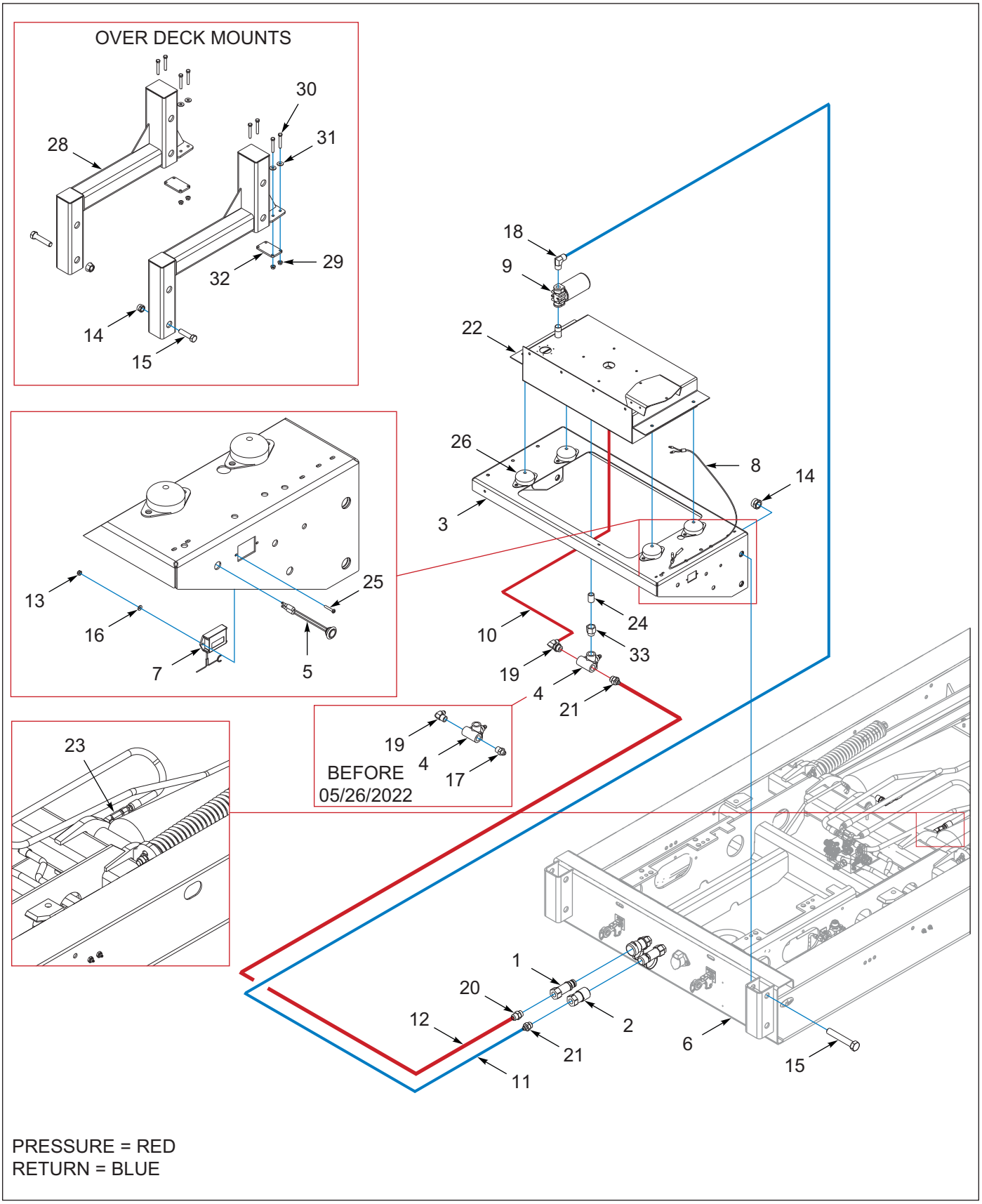


Figure 6-3: Engine Assembly, Honda 11HP, Mount

Engine Assembly, Honda 11HP, Mount

ITEM	PART NUMBER	DESCRIPTION	QTY
	112172	ENG FRONT MOUNT INSTL	- -
1	105479	COUPLER FLAT FACE MALE NOSE **(PARTS - SEE PAGE 13-29) (BEFORE 03/01/2022 - SILVER BODY)**	- -
1	239677	COUPLER FL FACE ISO -12 MALE **(PARTS - SEE PAGE 13-29) (AFTER 03/01/2022 - BLACK BODY)**	1
2	105480	COUPLER FLAT FACE FEMALE BODY **(PARTS - SEE PAGE 13-29) (BEFORE 03/01/2022)**	- -
2	239678	COUPLER FL FACE ISO -12 FEMALE **(PARTS - SEE PAGE 13-29) (AFTER 03/01/2022)**	1
3	112184	MOUNT WLDMT 11HP FRONT ENG	1
4	125130	RD12D HYD BY PASS SRDD **(BEFORE 05/26/2022)**	1
4	120661	VALVE,HYD PRES,#12SAE,2500P **(AFTER 05/26/2022)**	1
5	175591	LIGHT YEL LED .75 CL.MK GROTE	1
6	197600	GOOSENECK ASSY 835E-12'	- -
6	197601	GOOSENECK ASSY 835-12' GALV	- -
6	199999	GOOSENECK ASSY 835E-12'PAV	- -
6	200001	G/N ASSY 835E-12' PAV GALV	- -
7	220977	METER HOUR/TACH DIGITIAL	1
8	223219	ENG MIL EXT ADAPTER HARNESS	1
9	1-295-010001	FILTER, RETURN LINE	1
10	1-397-010301024	HOSE ASSY1/2X24 SAE37,STR-STR	1
11	1-397-010302060	HOSE ASSY1/2X60,SAE37,STR-90	1
12	1-397-010305060	HOSE ASSY 3/4X60,SAE 37,STR90	1
13	1-512-010003-03	NUT,HX 8-32,SLF-LKG W/NYL	2
14	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB **(ITEM 27, REQ 2 EACH)**	4
15	1-654-010065-17	SCREW, HEX CAP, 1-8UNCX6, GR5 **(ITEM 27, REQ 2 EACH)**	4
16	1-861-010032-02	WASHER,FL #8 ZP/CD	2
17	2021-12-8S	ADAPTER, #12 PIPE-#8 TUBE **(BEFORE 05/26/2022 - AFTER REPLACED BY 202702-12-8S, ITEM 21)**	1
18	2024-12-12S	ADAPTER 90 3/4MPT X3/4M JIC	- -
19	2024-12-8S	ELBOW,90,#12NPTX#8 JIC **(BEFORE 05/26/2022)**	1
19	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE **(AFTER 05/26/2022)**	1
20	202702-12-12S	ADAPTER,#12 O-RING X #12 TUBE	1
21	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE **(BEFORE 05/26/2022, REQ 1 EACH)**	2
22	3-786-010033	WLDMT TANK 5.5 GAL W/ENG MT	1
23	3-846-010155	VALVE RSTR #8JIC 1/16-ONE WAY	2
24	3/4NIPPLE	NIPPLE, ALL THREAD	1
25	85G816E	SCREW,PAN.HD #8-32X1	2
26	CA-1595	MOUNT,MACHINE 1/2 40 DUROMTR	4
27	118005	MOUNT KIT ENG PKG 825 DECK **(INCLUDES ITEMS 14, 15, 28-32)**	- -
28	118006	MOUNT WLDMT ENG PKG 825 DECK	2
29	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	8
30	1-654-010121-06	SCREW HEX SKT CTSK,5/16X1-1/4	8
31	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	8
32	110996	PAD SWING REST BOTTOM	2
33	128448	ADAPTER 3/4 O-RING X 3/4P **(ADDED AFTER 05/26/2022)**	1

Engine Assembly, Honda 11HP, Mount Cover

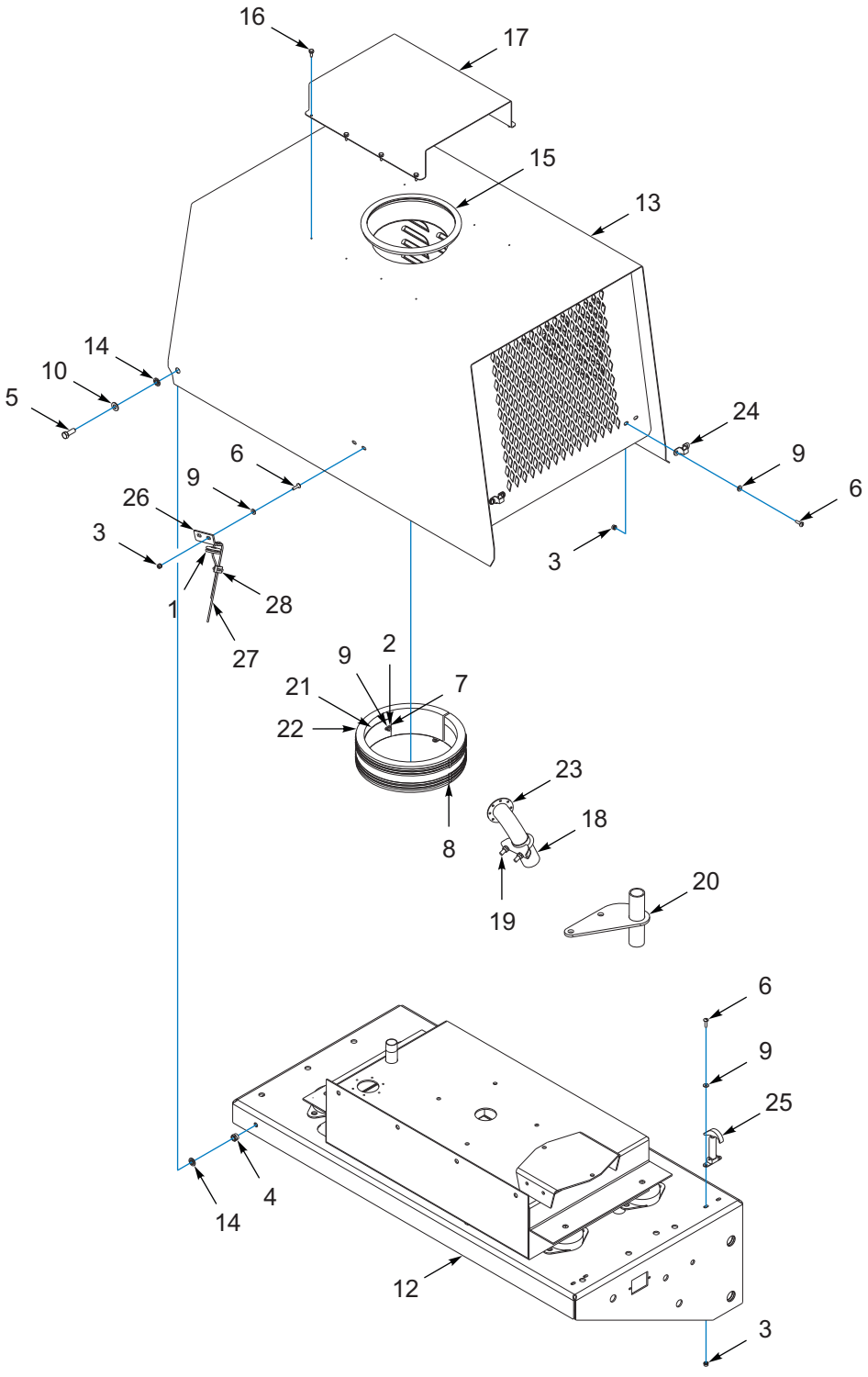


Figure 6-4: Engine Assembly, Honda 11HP, Mount Cover

Engine Assembly, Honda 11HP, Mount Cover

ITEM	PART NUMBER	DESCRIPTION	QTY
	112174	COVER INSTL 11HP FRONT MT	- -
1	1-343-010001	GROMMET RUB 1-3/8ODX3/4IDX1/8	1
2	1-512-010003-05	NUT HEX SLFLKG W/NYL 10-32	1
3	1-512-010004-03	NUT,HEX,SLFLK 10-24UNC, GRA	12
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
5	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	2
6	1-656-010003051	SCREW,RH HD MACH 10-24X3/4	12
7	1-656-010003076	SCREW,RD HD MACH 10-32X1/2	1
8	1-796-010003-02	TIE, STRAP, PLASTIC .18X14.0	6
9	1-861-010032-03	WASHER, FLAT #10 ZP/CD	12
10	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	2
11	10030	SEAL,BAR STOCK-NEOPRENE SPNG **(NOT SHOWN)** **(BY THE INCH)**	24.64
12	112172	ENG FRONT MOUNT INSTL **(INSTALLATION - SEE PAGE 6-5)**	- -
13	112175	COVER WLDMT 11HP	1
14	112248	NYLON SHOULDER WASHER	4
15	114815	SEAL, SPONGE RUBBER TRIM	1
16	118-7429	SCRW SELFTAP HH 10-16X1/2 TYA	8
17	171441	SHIELD ENGINE COVER TOP	1
18	179045	FLEX EXHAUST PIPE 1-1/2" I.D.	1.6
19	179046	CLAMP, EXHAUST, 5/16 X 1-1/2"	2
20	179050	EXHAUST WLDMT HONDA OUTLET	1
21	179057	SHIELD AIR INTAKE ENGINE	1
22	180254	HEAT SHIELD HONDA INTAKE	1
23	204174	EXHAUST WLDMT HONDA ENGINE	1
24	231-4310	BRACKET HOOD FASTENER	2
25	239-4899	LATCH COVER AH#WJ-98BLK	2
26	3-120-010463	BRACKET, HOOD STRAP	1
27	3-153-010024040	CABLE 1/8X40 VINYL COATED	1
28	3-182-010034	CLAMP 1/8" WIRE ROPE	4

Engine Assembly, Kohler 25HP EFI, Gasoline

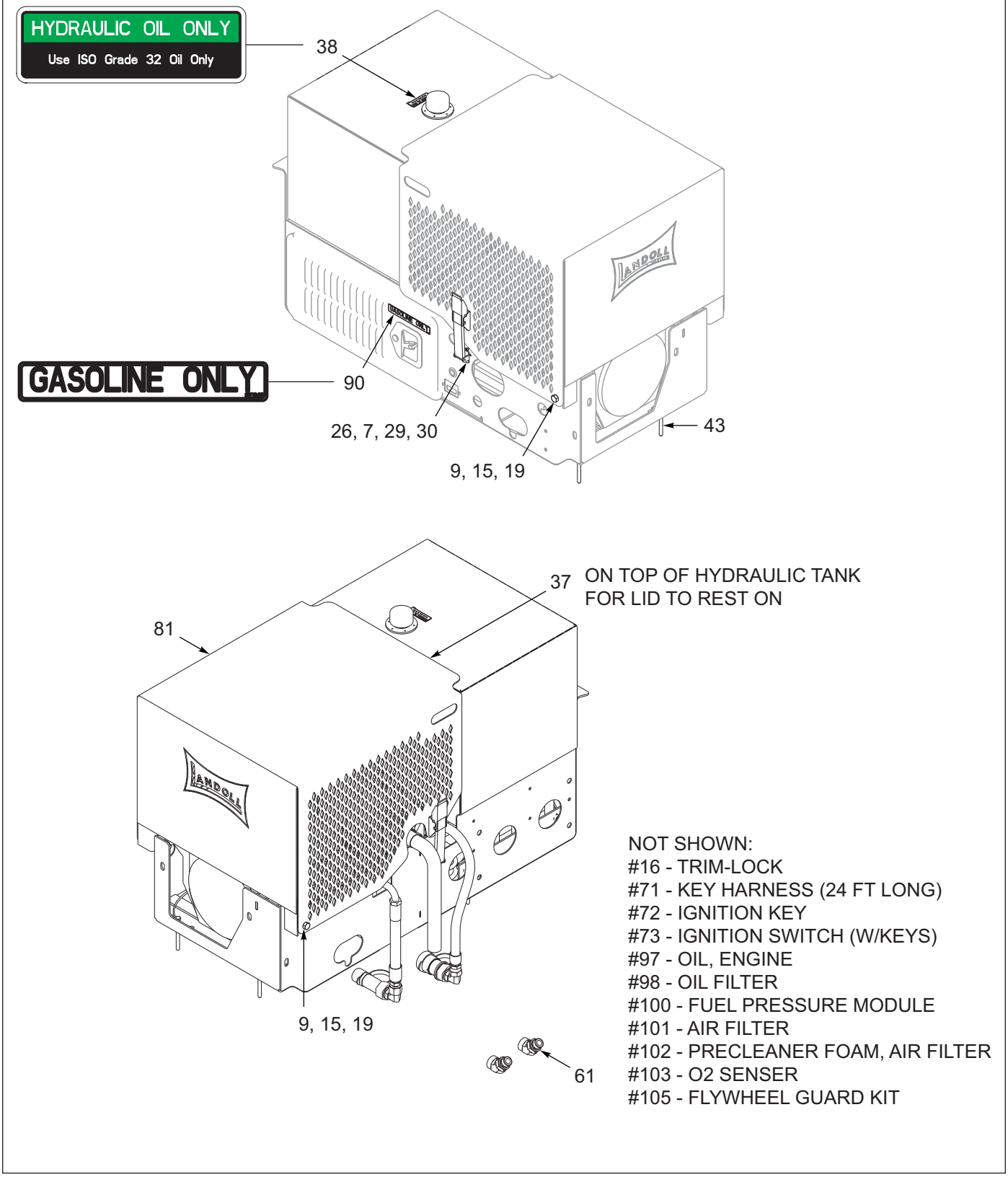


Figure 6-5: Engine Assembly, Kohler 25HP EFI, Gasoline (1 of 5)

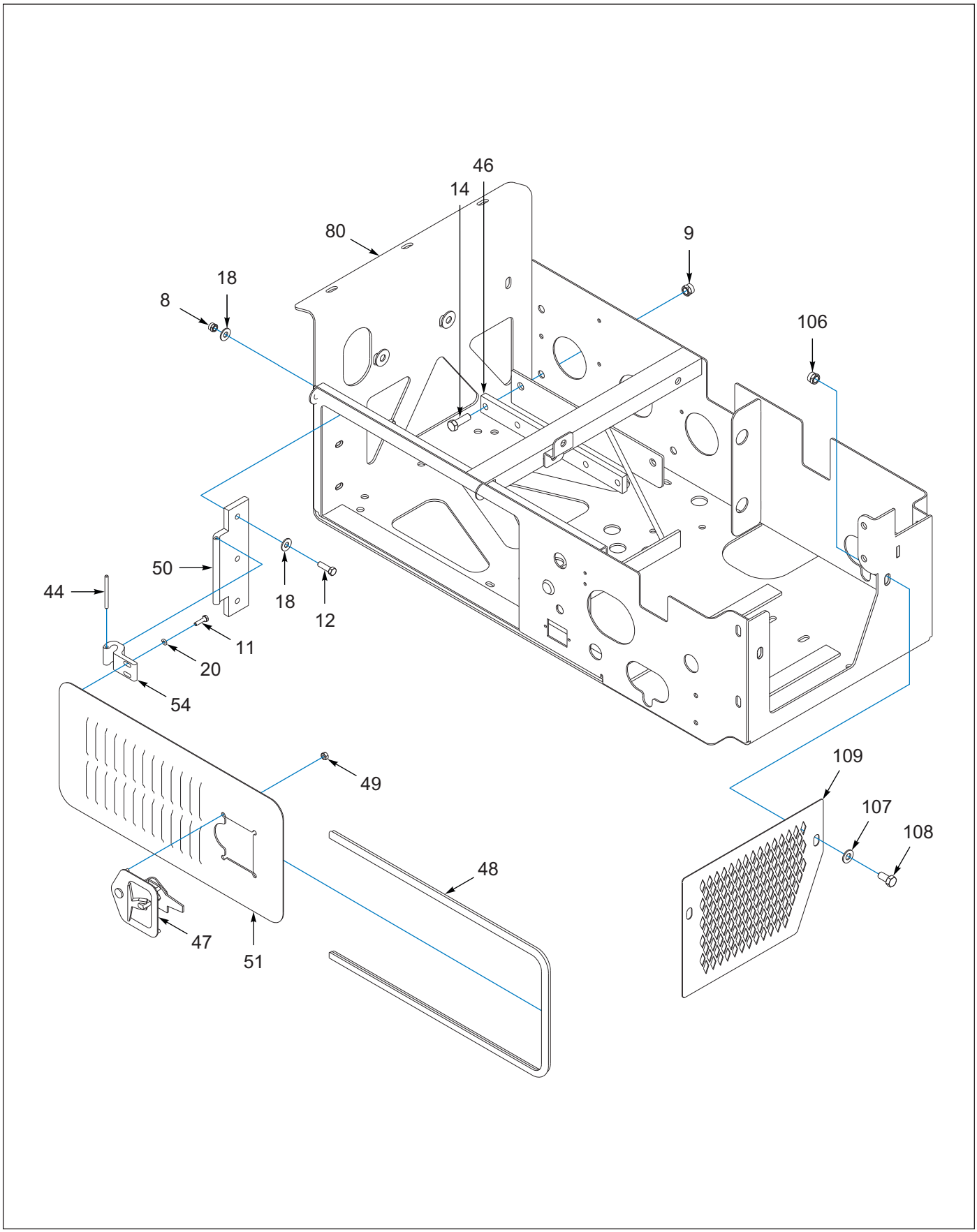


Figure 6-6: Engine Assembly, Kohler 25HP EFI, Gasoline (2 of 5)

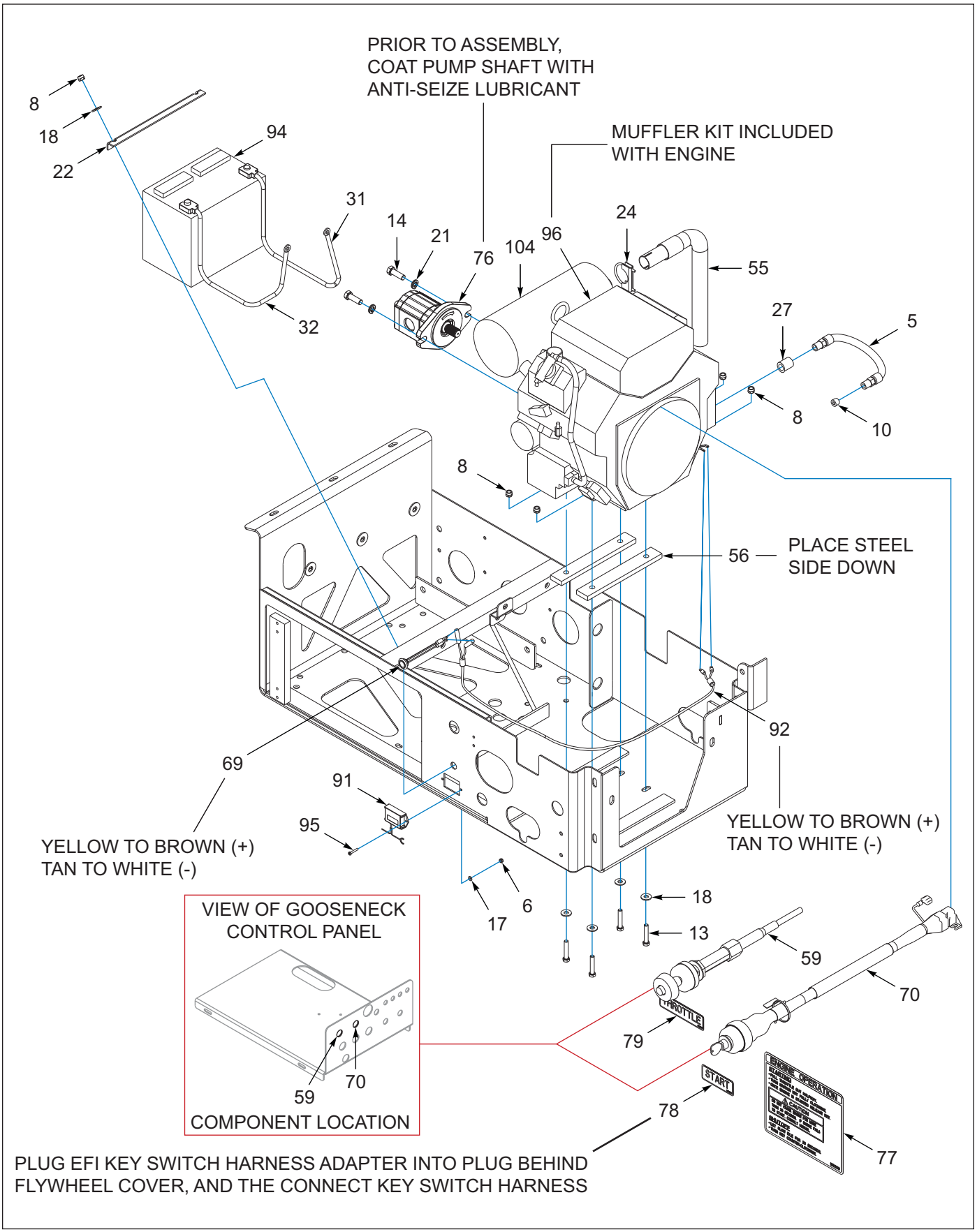


Figure 6-7: Engine Assembly, Kohler 25HP EFI, Gasoline (3 of 5)

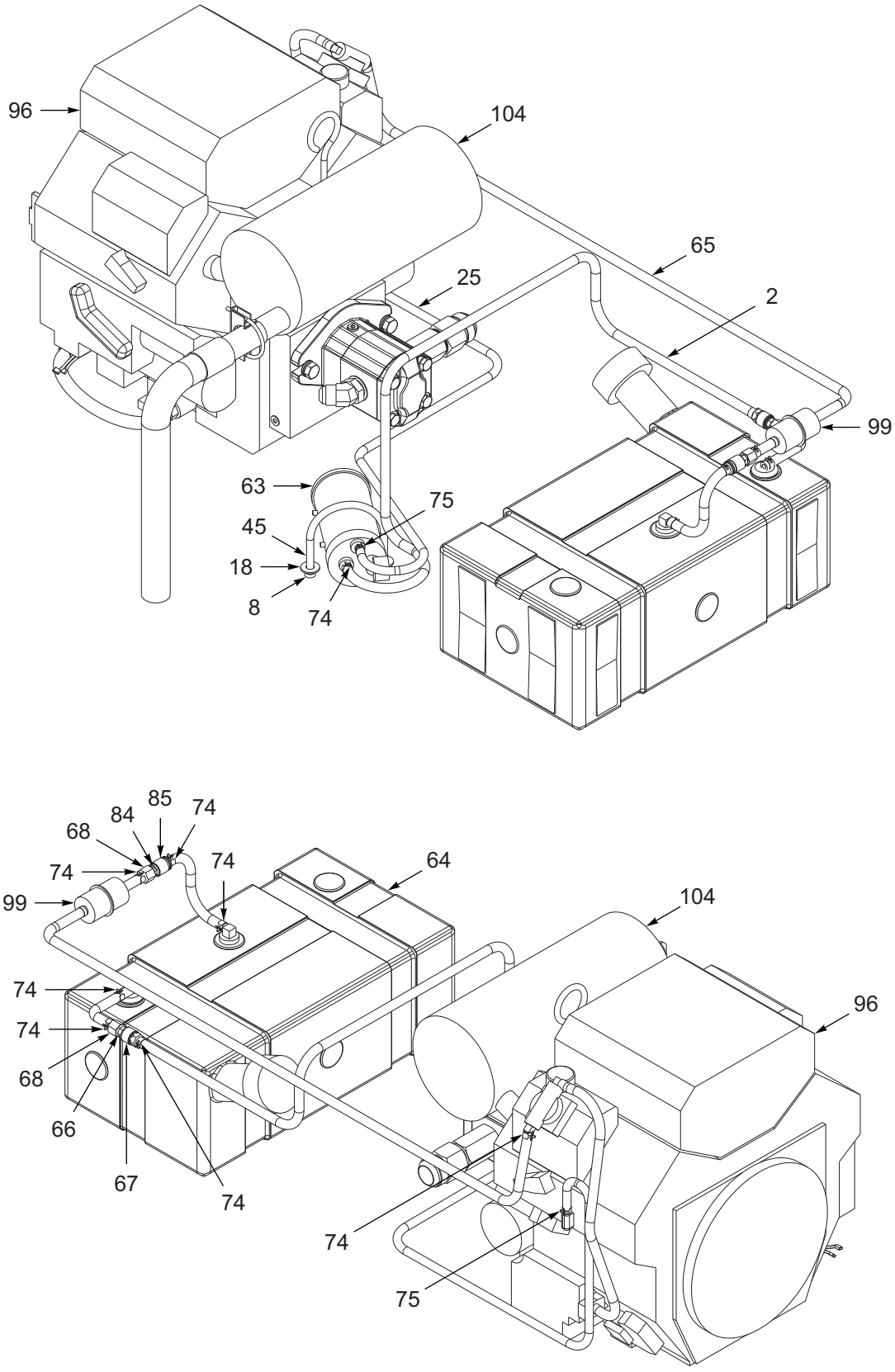


Figure 6-8: Engine Assembly, Kohler 25HP EFI, Gasoline (4 of 5)

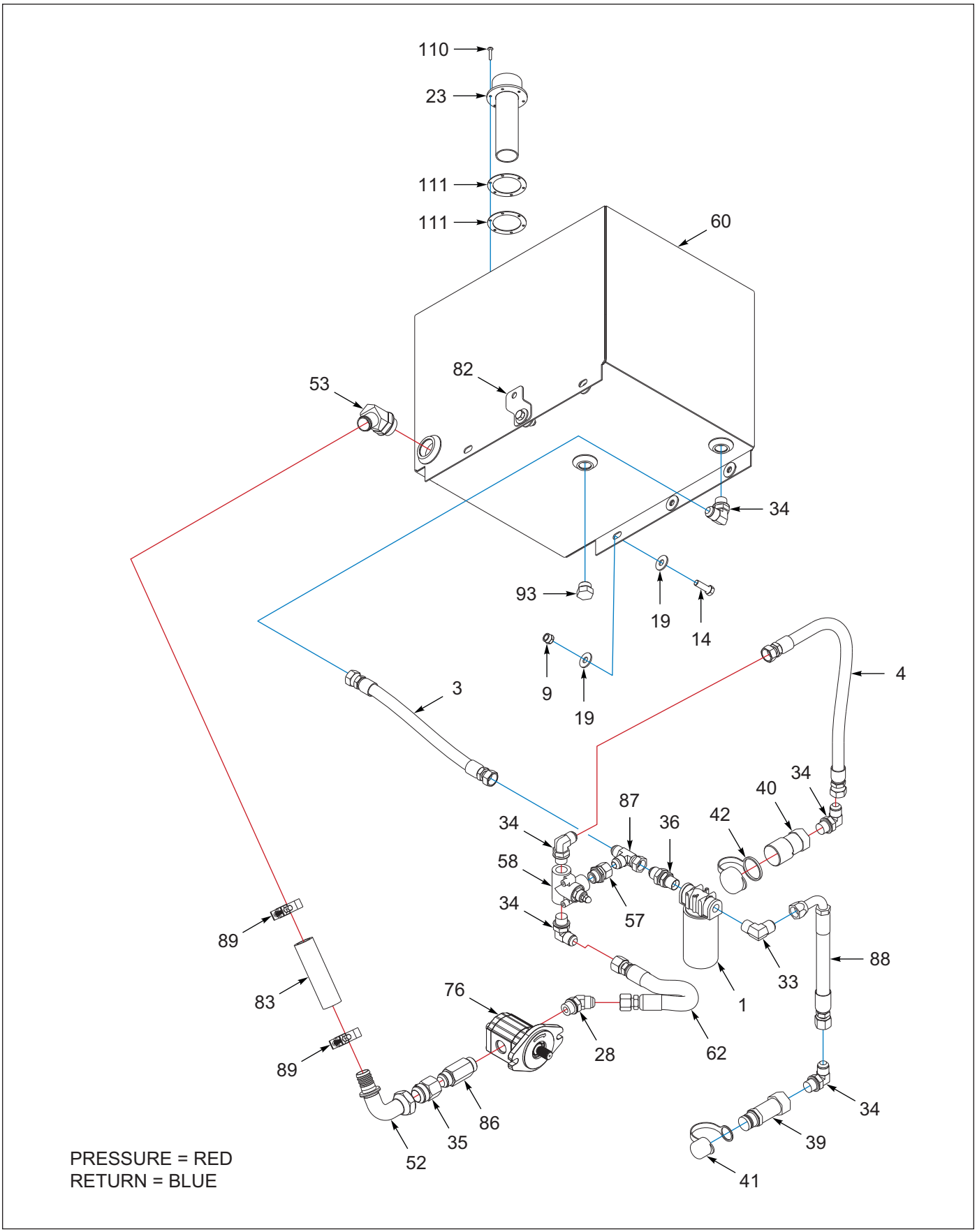


Figure 6-9: Engine Assembly, Kohler 25HP EFI, Gasoline (5 of 5)

Engine Assembly, Kohler 25HP EFI, Gasoline

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 13-29) (BEFORE 03/01/2022 - SILVER BODY)**	- -
39	239677	COUPLER FL FACE ISO -12 MALE **(PARTS - SEE PAGE 13-29) (AFTER 03/01/2022 - BLACK BODY)**	1
40	105480	COUPLER FLAT FACE FEMALE BODY **(PARTS - SEE PAGE 13-29) (BEFORE 03/01/2022)**	- -
40	239678	COUPLER FL FACE ISO -12 FEMALE **(PARTS - SEE PAGE 13-29) (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 Assembly, Kohler 25HP EFI, Gasoline

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 Assembly, Kohler 25HP EFI, Gasoline

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

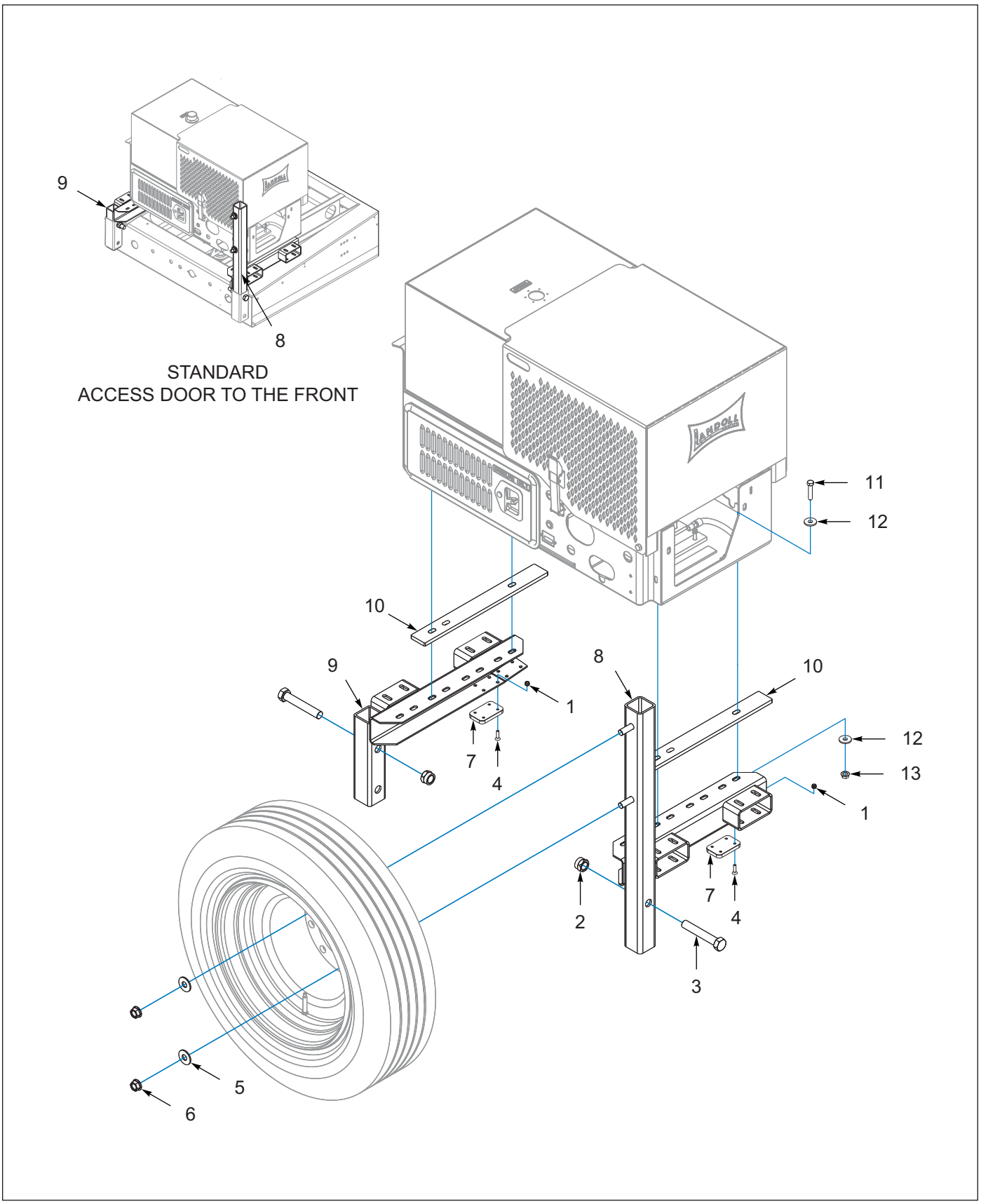


Figure 6-10: Engine Assembly, Kohler 25HP, Mount

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

Wet Kit, Tractor Hydraulic

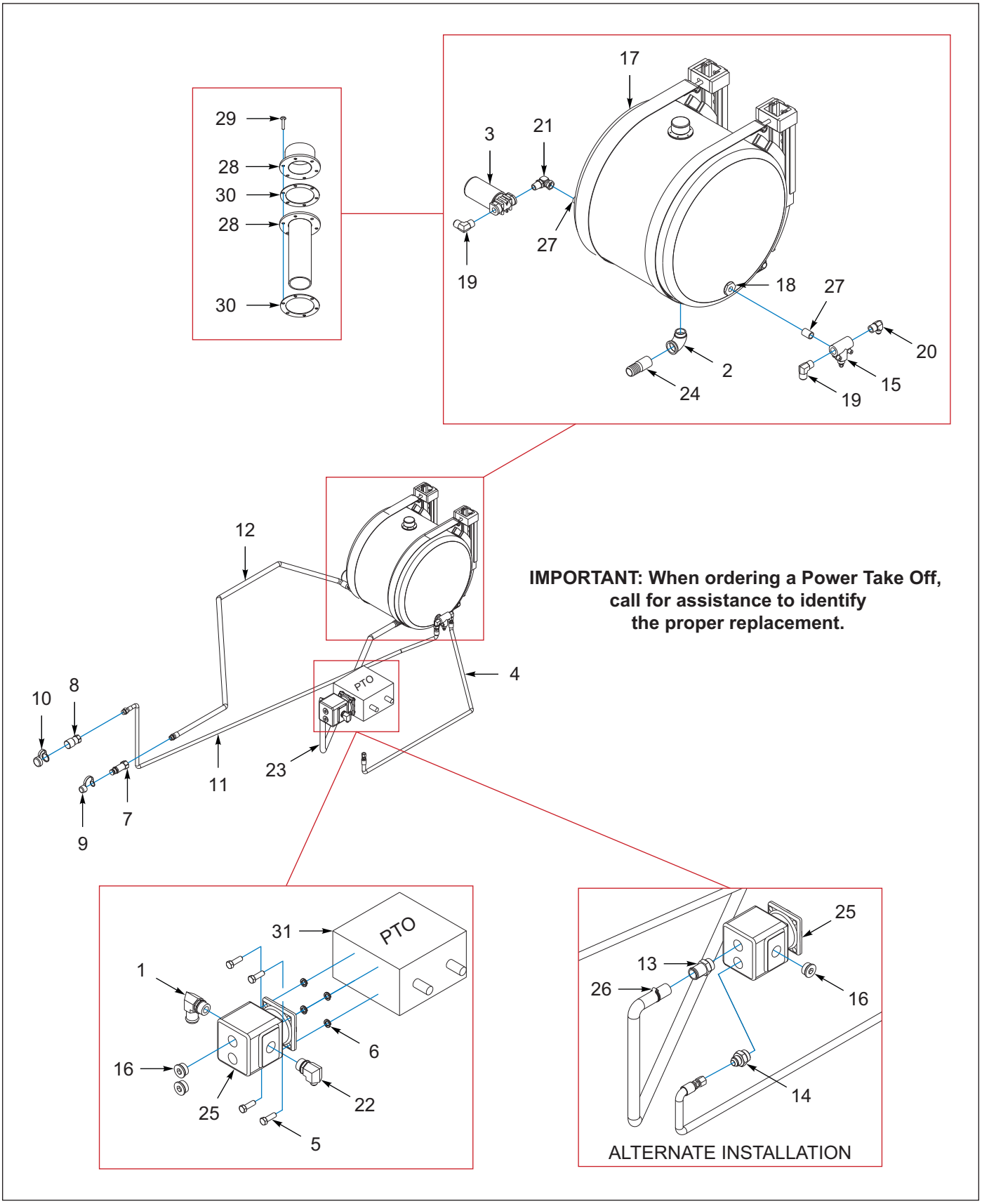


Figure 6-11: Wet Kit, Tractor Hydraulic

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 **(PARTS - SEE PAGE 13-29) (BEFORE 03/01/2022 - SILVER BODY)**	- -
7	239677	COUPLER FL FACE ISO -12 MALE **(PARTS - SEE PAGE 13-29) (AFTER 03/01/2022 - BLACK BODY)**	1
8	105480	COUPLER FLAT FACE FEMALE BODY **(PARTS - SEE PAGE 13-29) (BEFORE 03/01/2022)**	- -
8	239678	COUPLER FL FACE ISO -12 FEMALE **(PARTS - SEE PAGE 13-29) (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 Pullout Extension, Filler

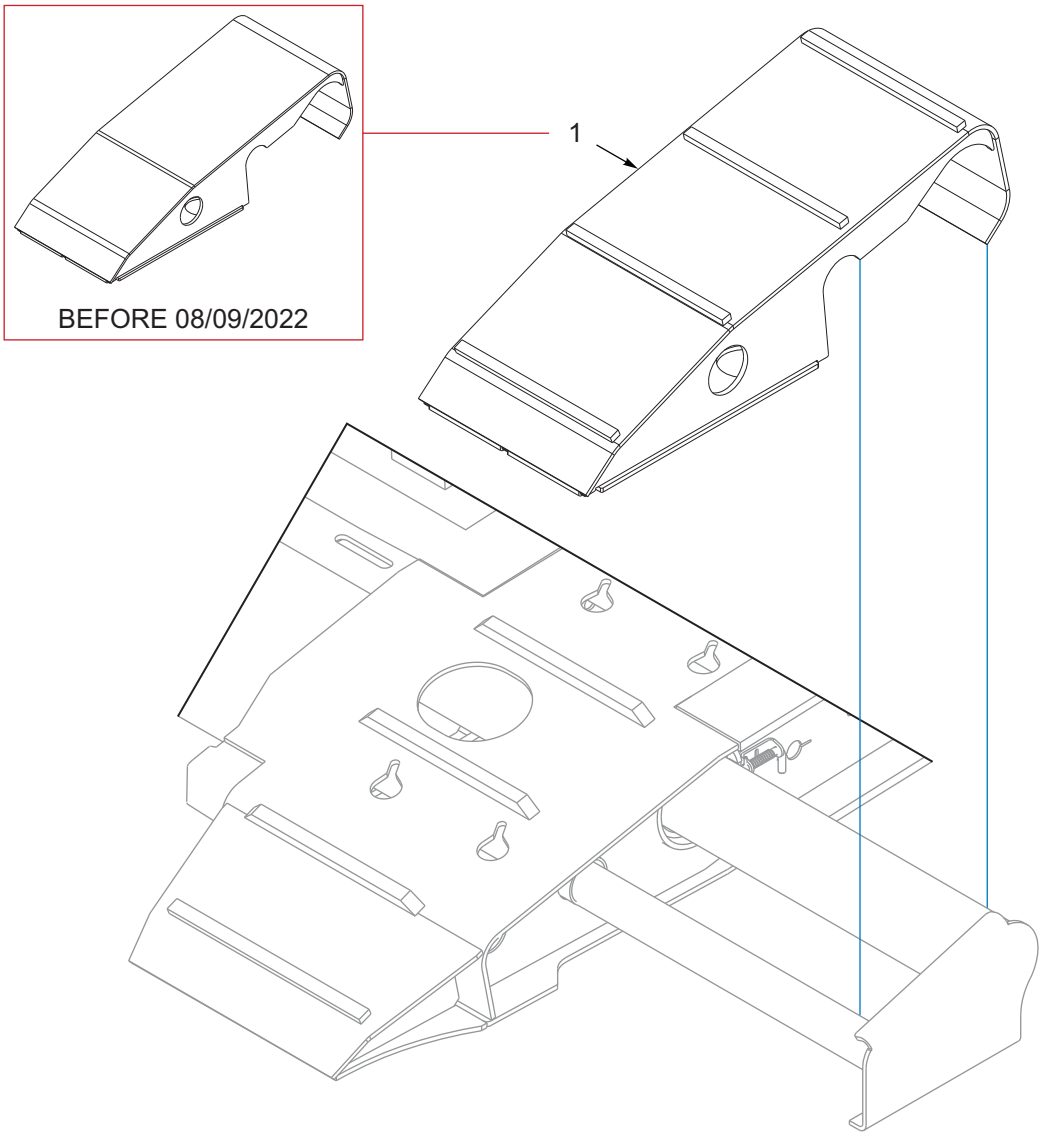


Figure 7-1: Front Pullout Extension, Filler

Front Pullout Extension, Filler

ITEM	PART NUMBER	DESCRIPTION	QTY
1	194380	RAMP WLDMT FRT P/O FILLER **(38-1/32" INCH) (825)**	2
1	194384	RAMP WLDMT FRT P/O FILLER **(41-3/8" INCH) (835 HD & 845HD)**	2

Table provided for general use.

NOTES:

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

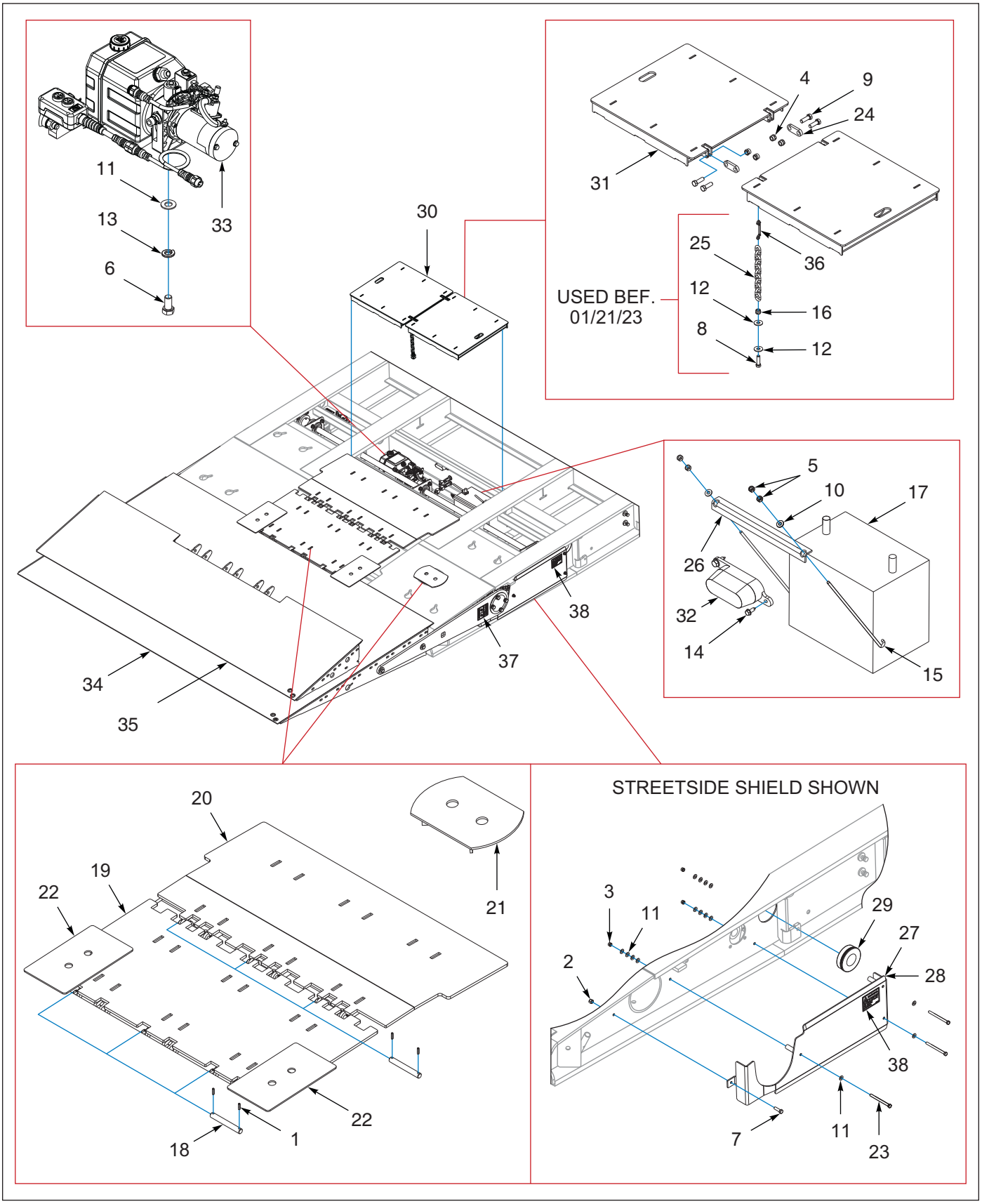


Figure 7-2: Front, Power Ramp (Option), Covers & Mounting Hardware

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	206908	RAMP INSTL 835 POWERED **(LONG RAMP)**	- -
	227749	RAMP INSTL PWR 30, 835 AG **(SHORT RAMP)**	- -
	230152	RAMP INSTL LONG PWR 825 **(LONG RAMP)**	- -
1	0600-250-01000	1/4X1 ROLL PIN ZP	12
2	1-512-010003-14	NUT 3/8-16UNC ESNA	2
3	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	6
4	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB **(INCLUDED WITH ITEM 30)**	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	2
8	1-654-010053-05	SCREW HXCP 7/16-14UNCX1-1/2G5 **(INCLUDED WITH ITEM 30)**	1
9	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2 **(INCLUDED WITH ITEM 30)**	4
10	1-861-010032-08	WASHER,FLAT 5/16 N ZP	2
11	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	32
12	1-861-010032-13	WASHER FLAT 7/16 **(INCLUDED WITH ITEM 30)**	2
13	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	2
14	1/4-20X3/4 SELF	SCREW HEX HEAD TREAD CUT	2
15	1709AS669-01	J-BOLT, 5/16-18X12 BAT-HLD-DN	2
16	101988	NUT,HEXSLF-LKG 7/16-14 GRB **(INCLUDED WITH ITEM 30)**	1
17	108196	BATTERY,12VOLT, DEEP CYCLE **(ELECTRICAL SYSTEMS - SEE PAGE 11-51)**	1
18	139826	PIN,RAMP FLIPPER	6
19	232211	RMP CTR FLP WLDMT 825 TRL CLR	1
19	232212	GALV OF 140275 (RMP CTR FLP)	1
20	232213	RMP RR FLP WLDMT 825 TRL CLR	1
20	232214	GALV OF 140278 (RMP RR FLP)	1
21	140927	FILLER WLDMT APPROACH 825	1
22	140929	FILLER WLDMT RAMP FLIPPER	2
23	1-654-010051-15	SCREW HXCP 3/8-16UNCX3-1/2 G5 **(230152 ONLY)**	6
23	173044	SCREW, ALL THREAD,3/8-16X4-1/2 **(206908, 227749 ONLY)**	6
24	191535	LINK DOUBLE HINGE **(INCLUDED WITH ITEM 30)**	2
25	2-174-010029	CHAIN LIMIT ROW CROP **(INCLUDED WITH ITEM 30)**	1
26	206906	BATTERY CLAMP BRKT 835	1
27	206917	DRIVE SHIELD WLDMT LH **(FOR 206908, 227749)**	1
27	230147	SHIELD WLDMT LH CHAIN DRIVE825 **(FOR 230152)**	1
28	206919	DRIVE SHIELD WLDMT RH **(FOR 206908, 227749)**	1
28	230148	SHIELD WLDMT RH CHAIN DRIVE825 **(FOR 230152)**	1
29	208081	PLUG, PLASTIC PANEL 4-1/2	1
30	208402	LID ASSY CTR STORAGE **(BEF. 01/21/2023, INCL. ITEMS 4, 8, 9, 12, 16, 24, 25, 31, 36)** **(AFT. 01/21/2023, INCL. ITEMS 4, 9, 24, 31)**	1
31	208403	LID WLDMT CTR DECK COMPARTMENT 835	2
32	208414	FUSE HOLDER 835 RAMP **(ELECTRICAL SYSTEMS - SEE PAGE 11-51)**	1
33	210059	POWER UNIT 12VDC3QT .0305CU/IN **(ELECTRICAL SYSTEMS - SEE PAGE 11-51)** **(HYDRAULIC SYSTEMS - SEE PAGE 13-17)**	1
34	232159	TRL COLOR OF192770 RAMP WLDMT **(LONG RAMP)**	1
34	232161	GALV OF 192770 RAMP WLDMT**(LONG RAMP, GALV)**	1

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

ITEM	PART NUMBER	DESCRIPTION	QTY
35	220322	RAMP WLDMT FULL WIDTH SHORT TRL CLR **(SHORT RAMP)**	1
35	220323	GALV OF 220321 SHORT FW RAMP	1
36	3-707-010001	SNAP, DOUBLE END **(INCLUDED WITH ITEM 30)**	1
37	2-573-010335	DECAL, DANGER PINCHING **(DECALS - SEE PAGE 1-16) (ADDED 12/16/2021)**	2
38	238202	DECAL WARNING POWER LOSS **(DECALS - SEE PAGE 1-16) (ADDED 12/16/2021)**	2

Table provided for general use.

NOTES:

Front, Power Ramp (Option), Drive System

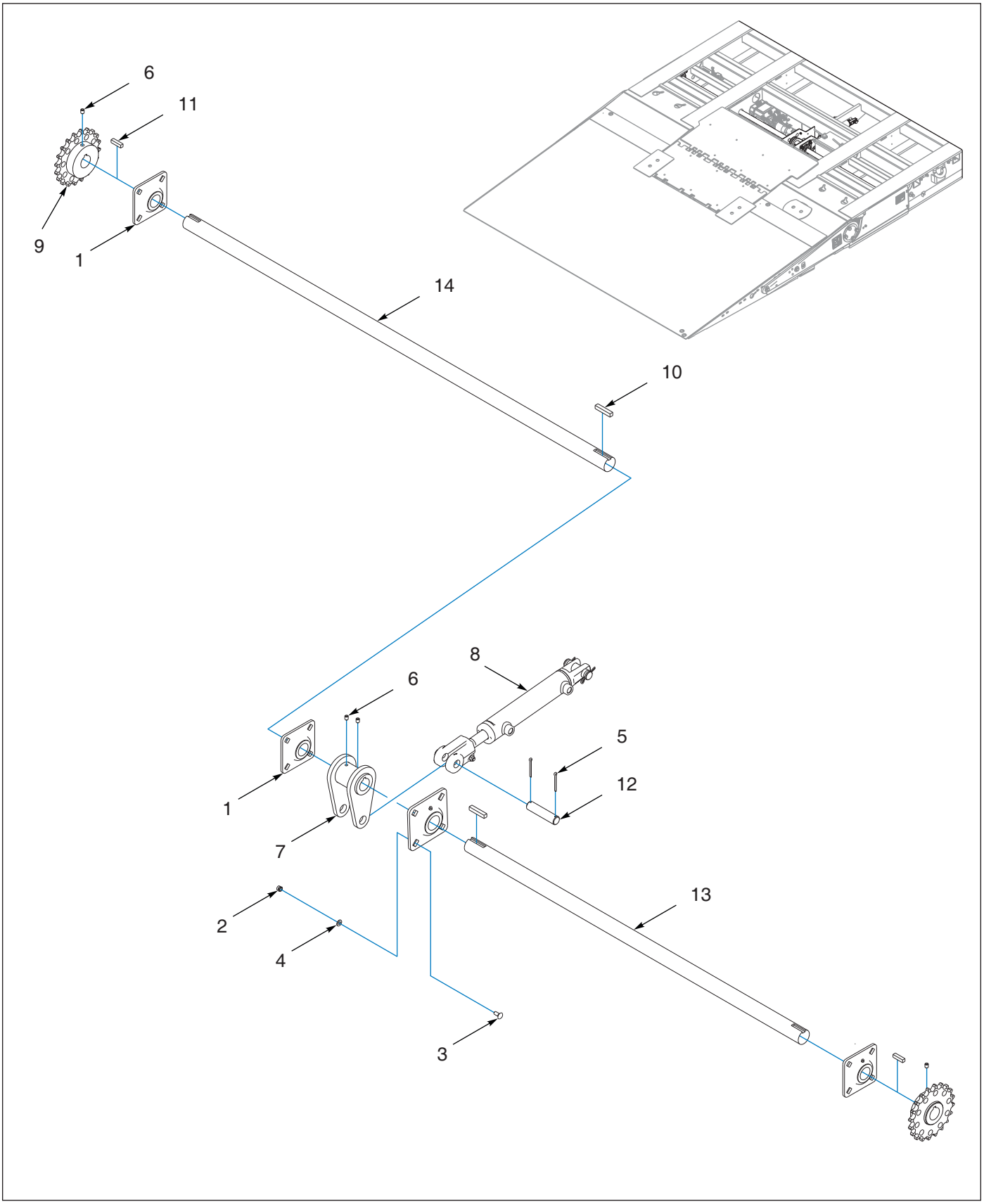


Figure 7-3: Front, Power Ramp (Option), Drive System

Front, Power Ramp (Option), Drive System

ITEM	PART NUMBER	DESCRIPTION	QTY
	206908	RAMP INSTL 835 POWERED **(LONG RAMP)**	- -
	227749	RAMP INSTL PWR 30, 835 AG **(SHORT RAMP)**	- -
	230152	RAMP INSTL LONG PWR 825 **(LONG RAMP)**	- -
1	1-065-010011	BEARING FLANGED 1-1/2ID	4
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	16
3	1-654-010070-02	SCREW 1/2-13X1-1/4 RD HD SQNK	16
4	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	16
5	110-4224	PIN,COTTER-3/16 X 2IN LG	2
6	122709	SCREW,SET,HXSKTCPPT 3/8-16X1/2	4
7	206900	COLLAR WLDMT POWER SHAFT	1
8	206904	CYLINDER, 2 X 8 **(HYDRAULIC SYSTEMS - SEE PAGE 13-17)**	1
9	206907	SPROCKET, 20T W/HUB WLDMT	2
10	206909	KEY 3/8 SQ X 2	2
11	206910	KEY 3/8 SQ X 1-1/2	2
12	206911	PIN,CYL ANCHOR 1" X 4-1/4"	1
13	206903	SHAFT, RAMP LH 835	1
14	206905	SHAFT RAMP RH 835	1

Front, Power Ramp (Option), Lift System

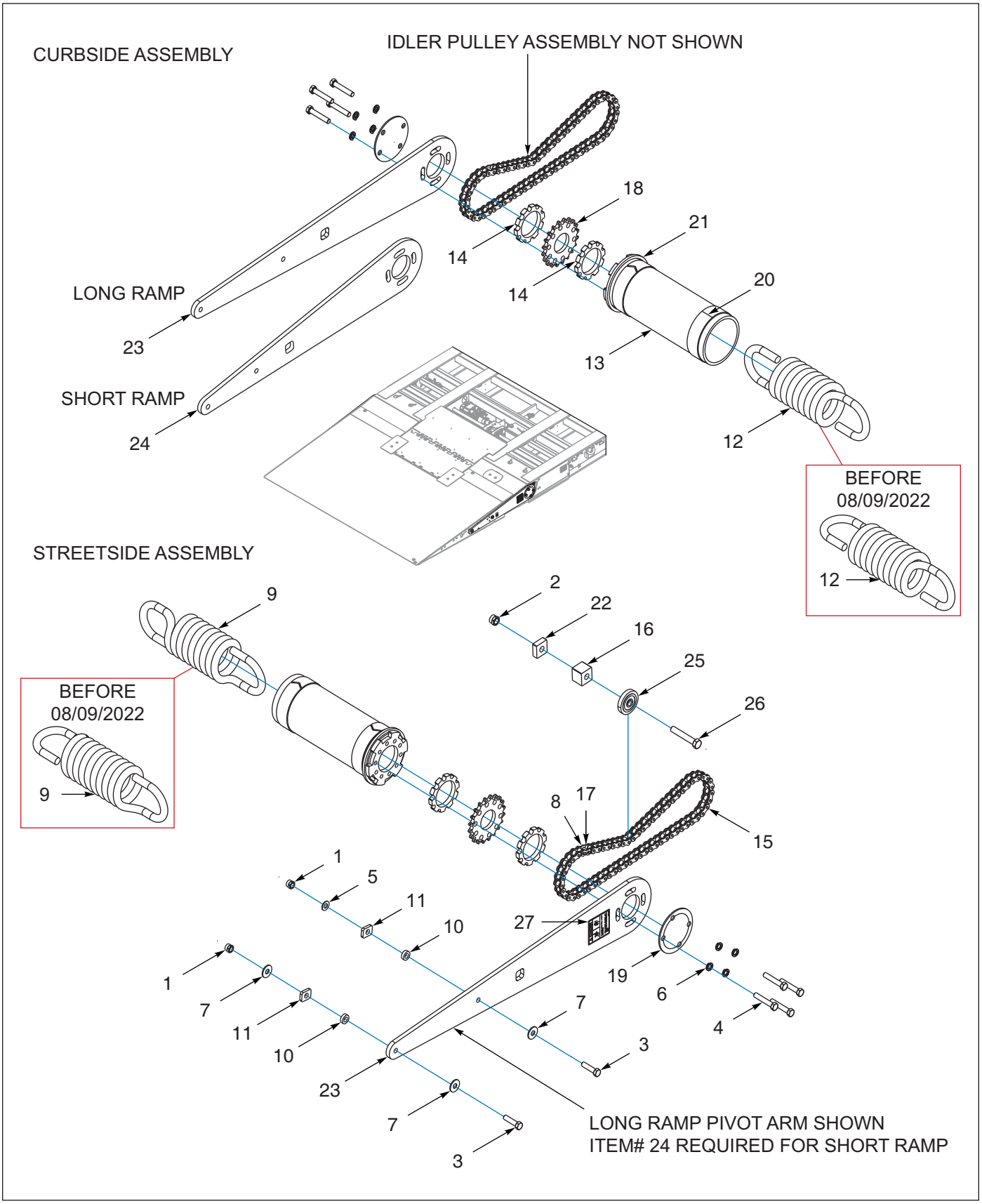


Figure 7-4: Front, Power Ramp (Option), Lift System

Front, Power Ramp (Option), Lift System

ITEM	PART NUMBER	DESCRIPTION	QTY
	206908	RAMP INSTL 835 POWERED **(LONG RAMP)**	- -
	227749	RAMP INSTL PWR 30, 835 AG **(SHORT RAMP)**	- -
	230152	RAMP INSTL LONG PWR 825 **(LONG 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	2
6	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	8
7	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	6
8	135188	CHAIN MASTER LINK #80H	2
9	139619	SPRING, TORSION, 835 RAMP LH **(LONG RAMP ONLY)**	1
10	139630	BUSHING RAMP ARM	4
11	139631	WASHER,RAMP ARM	4
12	139830	SPRING, TORSION, 835 RAMP RH **(LONG RAMP 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 **(SHORT RAMP)**	2
22	210459	IDLER BUSHING WASHER	2
23	235703	ARM LG PVT 139413 TRLCLR 835PC **(LONG RAMP)**	2
23	235704	GALV OF139413 LG PVT ARM 835PC **(LONG RAMP, GALV)**	2
24	220333	ARM,PIVOT,220327 PTD TRL COLOR **(SHORT RAMP)**	2
24	220334	GALV OF 220327 RMP 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 1-16) (ADDED 12/16/2021)**	2

Rear 66" Trunnion (Option)

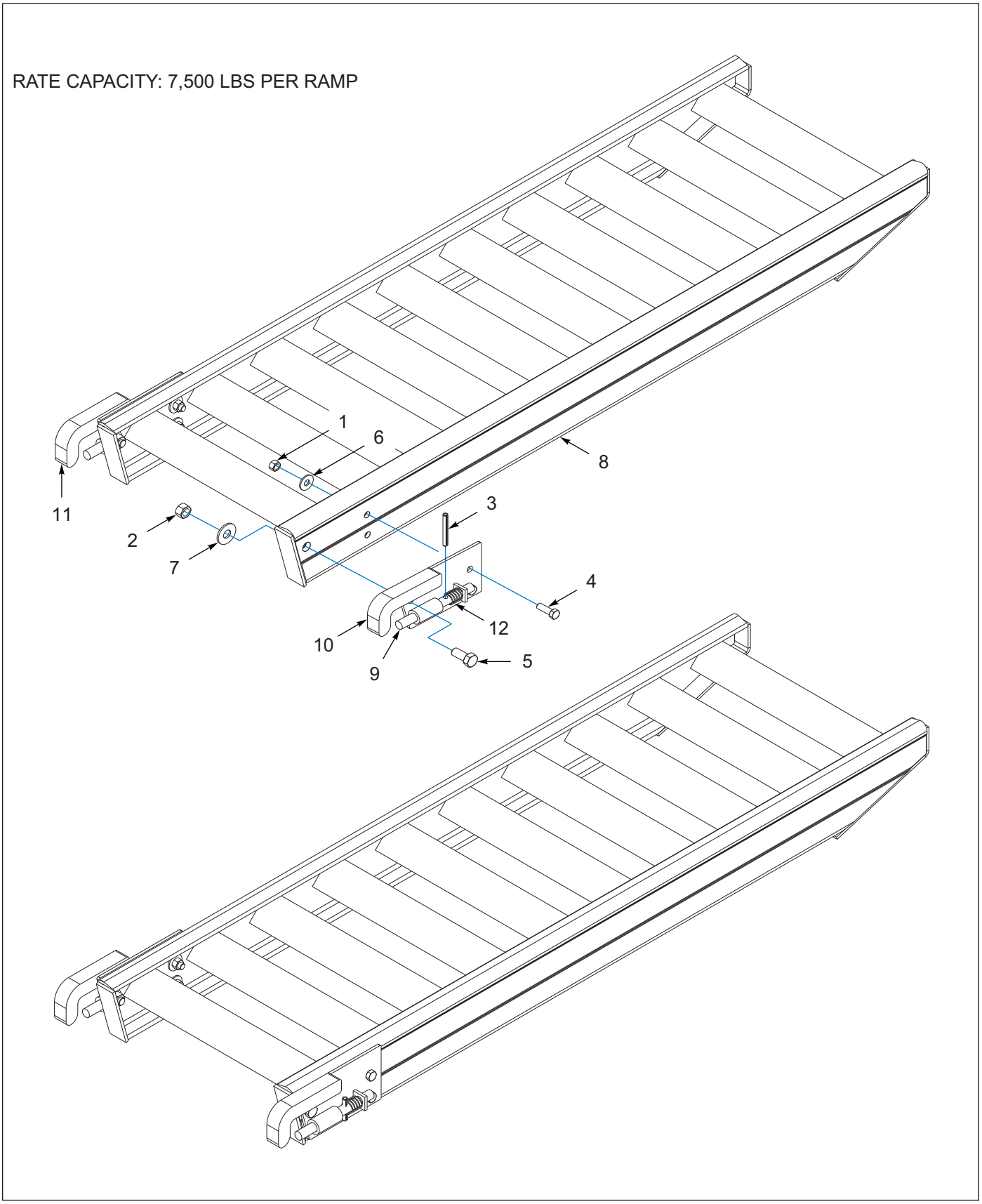


Figure 7-5: Rear 66” Trunnion (Option)

Rear 66" Trunnion (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	110527	RAMP ASSY 5.5FT ALUM **(SET INCLUDES ITEMS 1-12)**	1
1	1-512-010007-09	NUT, HEX 1/2-13 GR2 ZP	8
2	1-512-010007-11	NUT, HEX 5/8-11 GR2 ZP	4
3	1-647-010004255	PIN, SPRING, SLOTTED 3/8X2 **(BEFORE 01/21/2021)**	4
3	1-647-010004259	SPRING PIN, SLOTTED 3/8X3 **(AFTER 01/21/2021)**	4
4	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	8
5	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5	4
6	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
7	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	4
8	110526	RAMP WLDMT 5.5FT ALUM	2
9	3-557-010116	LOCK PIN RAMPS 360	4
10	3-619-010065	LT HOOK ASSY-360AL-RAMP	2
11	3-619-010066	RT HOOK ASSY 360 AL RAMP	2
12	CO-975-74-2000	SPRING COMPRESSION	4

Rear 66" Trunnion Brackets, Full Width (Option)

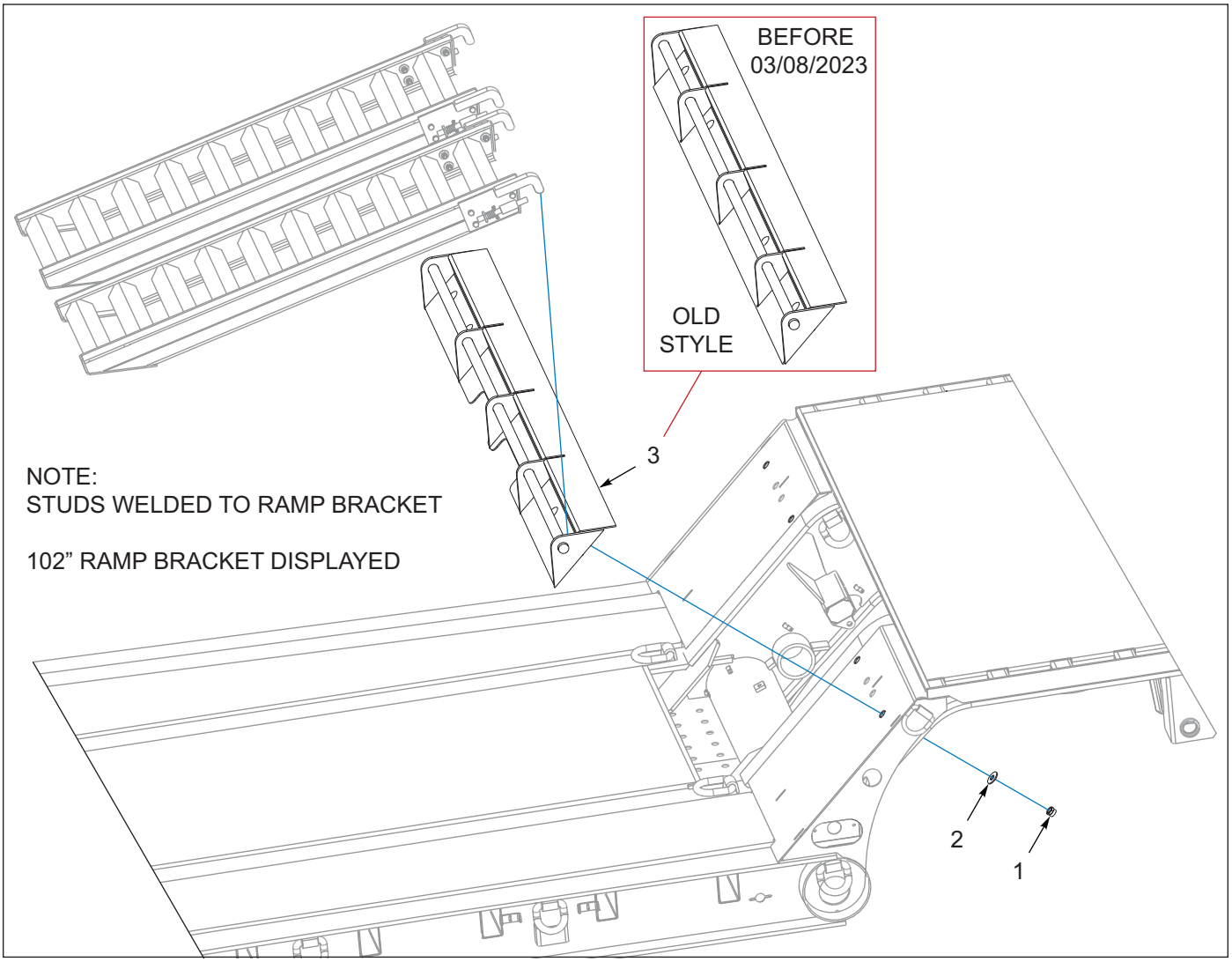


Figure 7-6: Rear 66" Trunnion Brackets, Full Width (Option)

Rear 66" Trunnion Brackets, Full Width (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	148786	BRACKET TRUN SLOPE BVRTL RAMP **(102” WIDE)** **(INCLUDES ITEMS 1-3A)**	1
	164814	BRACKET TRUN SLOP 835-10 RP **(120” WIDE)** **(INCLUDES ITEMS 1-3B)**	1
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10 **(102” WIDE, REQ 4 EACH)** **(120” WIDE, REQ 6 EACH)**	- -
2	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD **(102” WIDE, REQ 4 EACH)** **(120” WIDE, REQ 6 EACH)**	- -
3	148787	BRACKET WLDMT HOOK RAMP **(3A, 102” WIDE)** **(INCLUDES WELDED MOUNT STUDS) (MODIFIED 03/08/2023)**	1
3	164807	BRACKET WLDMT HOOK RAMP 10' **(3B, 120” WIDE)** **(INCLUDES WELDED MOUNT STUDS) (MODIFIED 03/08/2023)**	1

Rear 66" Trunnion Brackets, Fender Width (Option)

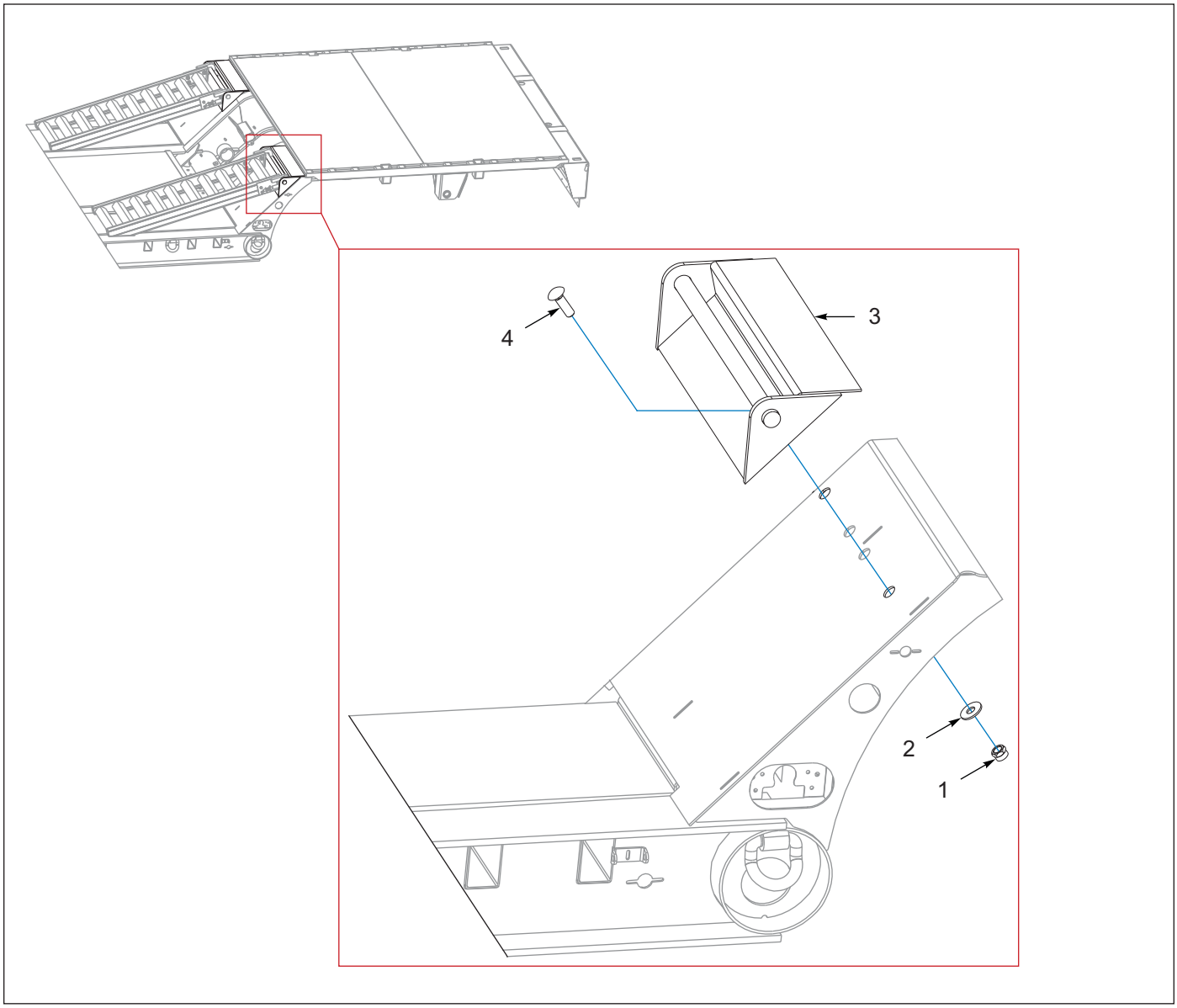


Figure 7-7: Rear 66" Trunnion Brackets, Fender Width (Option)

Rear 66" Trunnion Brackets, Fender Width (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	182056	BRACKET TRUN SLOPE B/T RMP TRK **(102" WIDE)** **(SET INCLUDES ITEMS 1-3A, 4)**	1
	192387	BRKT TRUN SLOPE RAMP TRACK 120 **(120" WIDE)** **(SET INCLUDES ITEMS 1-3B, 4)**	1
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10 **(102" WIDE, REQ 4 EACH)** **(120" WIDE, REQ 6 EACH)**	- -
2	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
3	182057	BRACKET WLDMT HOOK RAMP TRACK **(3A, 102" WIDE)**	2
3	192388	BRKT WLDMT RAMP TRK 120" WIDE **(3B, 120" WIDE)**	2
4	3/4-10X2-1/2CB	SCREW,RDH SQNK 3/4-10X2-1/2	4

Rear 70" Trunnion (Option)

RATE CAPACITY: 7,500 LBS PER RAMP

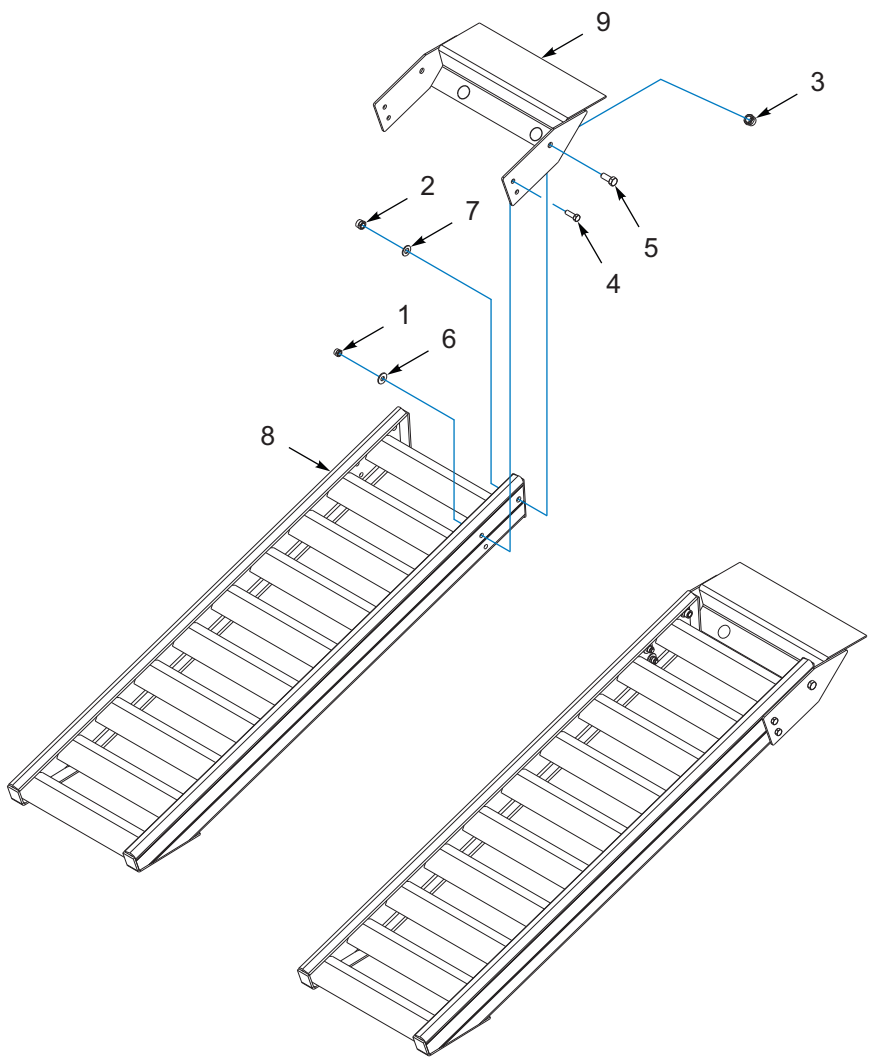


Figure 7-8: Rear 70" Trunnion (Option)

Rear 70" Trunnion (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	125836	RAMP ASSY 70" 825 TRUNNION **(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	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
4	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	8
5	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5	4
6	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8
7	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	4
8	110526	RAMP WLDMT 5.5FT ALUM	2
9	125833	ANCHOR WLDMT 825 RAMP	2

Ramp Support Assembly (Option)

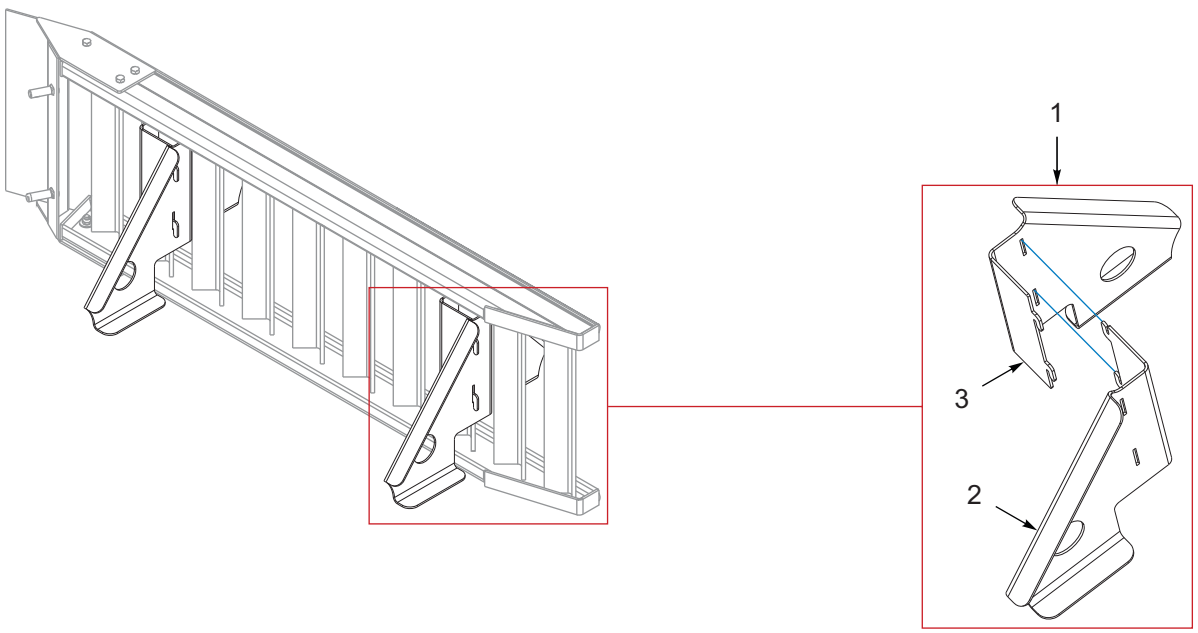


Figure 7-9: Ramp Support Assembly (Option)

Ramp Support Assembly (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
1	225238	SUPPORT KIT,BLACK,PLATFORM STD **(KIT 1 - BLACK INCLUDES ITEMS 2-3)**	1
1	239194	SUPPORT KIT,GALV,PLATFORM STD **(KIT 2 - GALV INCLUDES ITEMS 2-3)**	1
2	239189	LEG,SUPT STAND,HOOK UP,BLK **(KIT 1)**	4
2	239190	LEG,SUPT STAND,HOOK UP,GALV **(KIT 2)**	4
3	239191	LEG,SUPT STAND,HOOK DOWN,BLK **(KIT 1)**	4
3	239192	LEG,SUPT STAND,HOOK DOWN,GALV **(KIT 2)**	4

Retrieval System (Options)

Anchor Installation, Rear Bumper

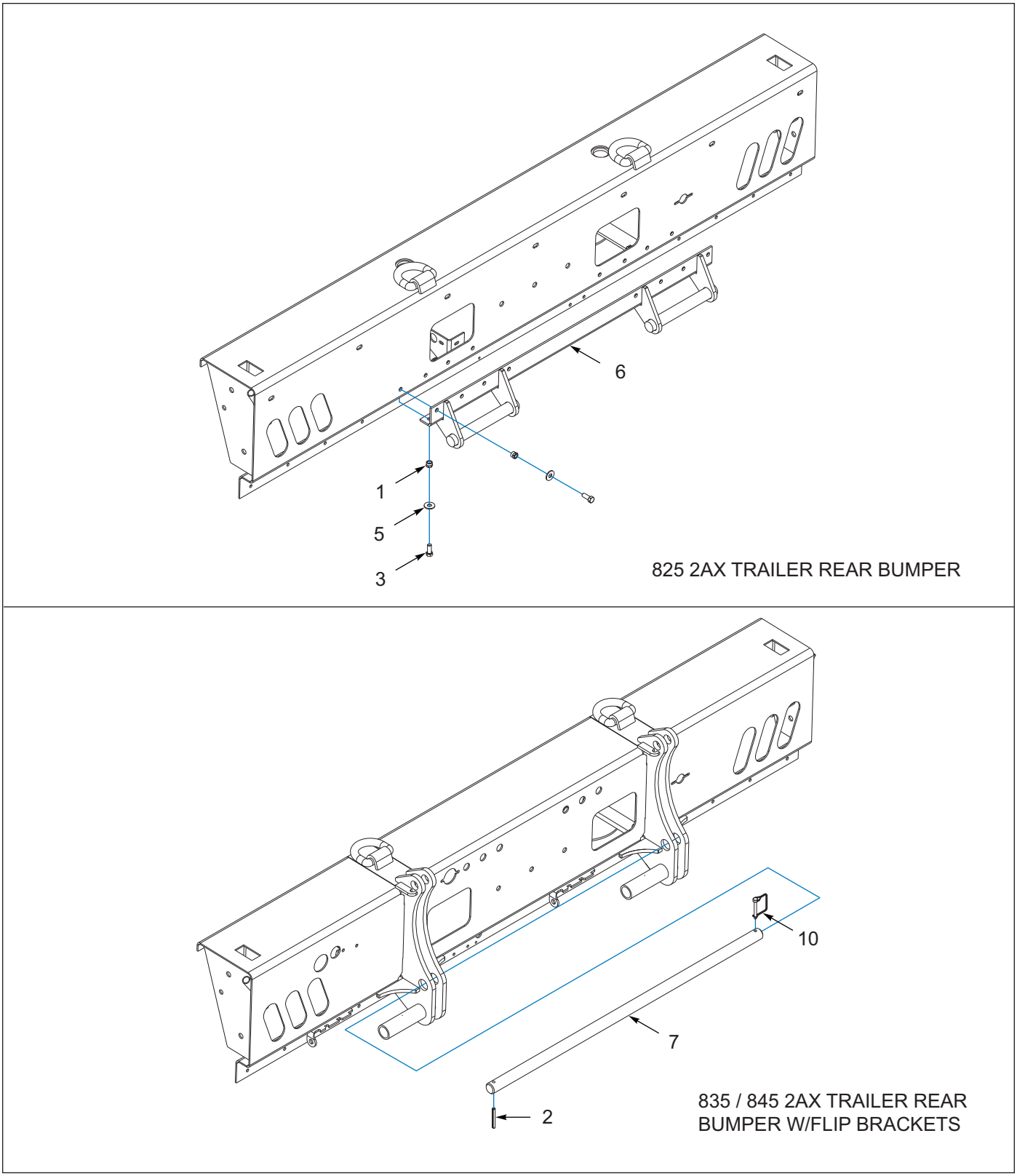


Figure 8-1: Anchor Installation, Rear Bumper (1 of 2)

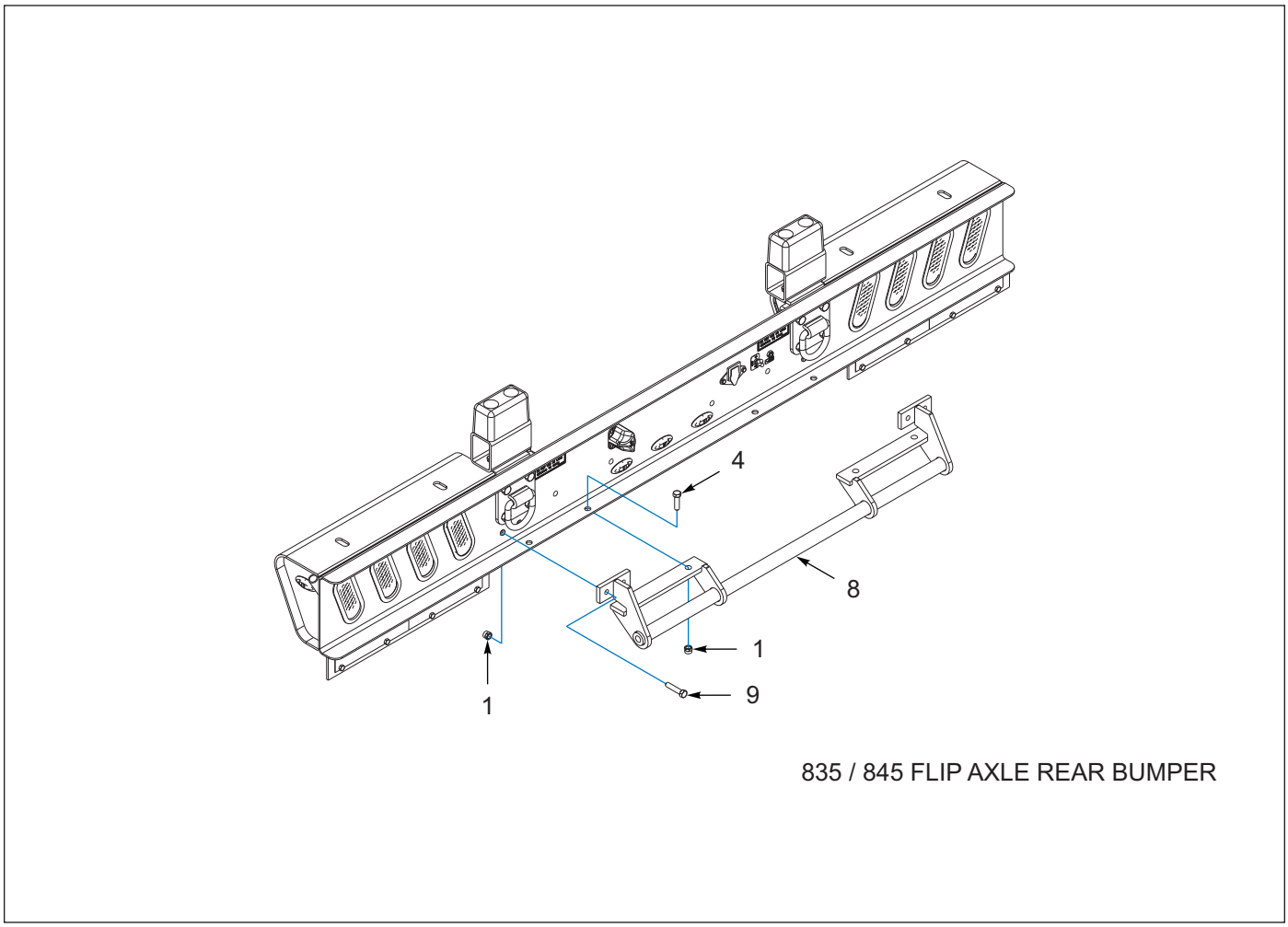


Figure 8-2: Anchor Installation, Rear Bumper (2 of 2)

Anchor Installation, Rear Bumper

ITEM	PART NUMBER	DESCRIPTION	QTY
	180605	ANCHOR INSTL FOR WINCH,FLIP AX **(INCLUDES ITEMS 1, 4, 8-9)**	- -
	199213	WINCH INSTL12K BRAD E-G/N FLIP	- -
	199214	WINCH INSTL20K BRAD E-G/N FLIP	- -
	199217	WINCH INSTL20K WARN E-G/N N/FL	- -
	199218	WINCH INSTL30K WARN E-G/N N/FL	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB **(825 2AX, REQ 12 EACH) (835 /845 FLIP AXLE, REQ 8 EACH)**	- -
2	1-647-010004259	SPRING PIN, SLOTTED 3/8X3 **(835 / 845 2AX)**	1
3	1-654-010055-02	SCREW 1/2-13UNCX1-1/4 CP GR5 **(825 2AX)**	12
4	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4 **(835 /845 FLIP AXLE)**	4
5	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(825 2AX)**	12
6	105195	ANCHOR WLDMT **(825 2AX)**	1
7	130536	PIN HOOK ANCHOR 835AG WINCH **(835 / 824 FLIP AXLE BUMPERS)**	1
8	161811	ANCHOR WLDMT FLIP G/N WINCH **(835 /845 FLIP AXLE)**	1
9	169690	SCREW HXCP1/2-13UNCX2-1/4 G5 **(835 /845 FLIP AXLE)**	4
10	516-22PTL	RETAINING PIN MUD FLAP **(835 / 845 2AX) (12412608, 12486627)**	1

Gooseneck, Winch Installation, Braden 12K / 20K, 1 Speed

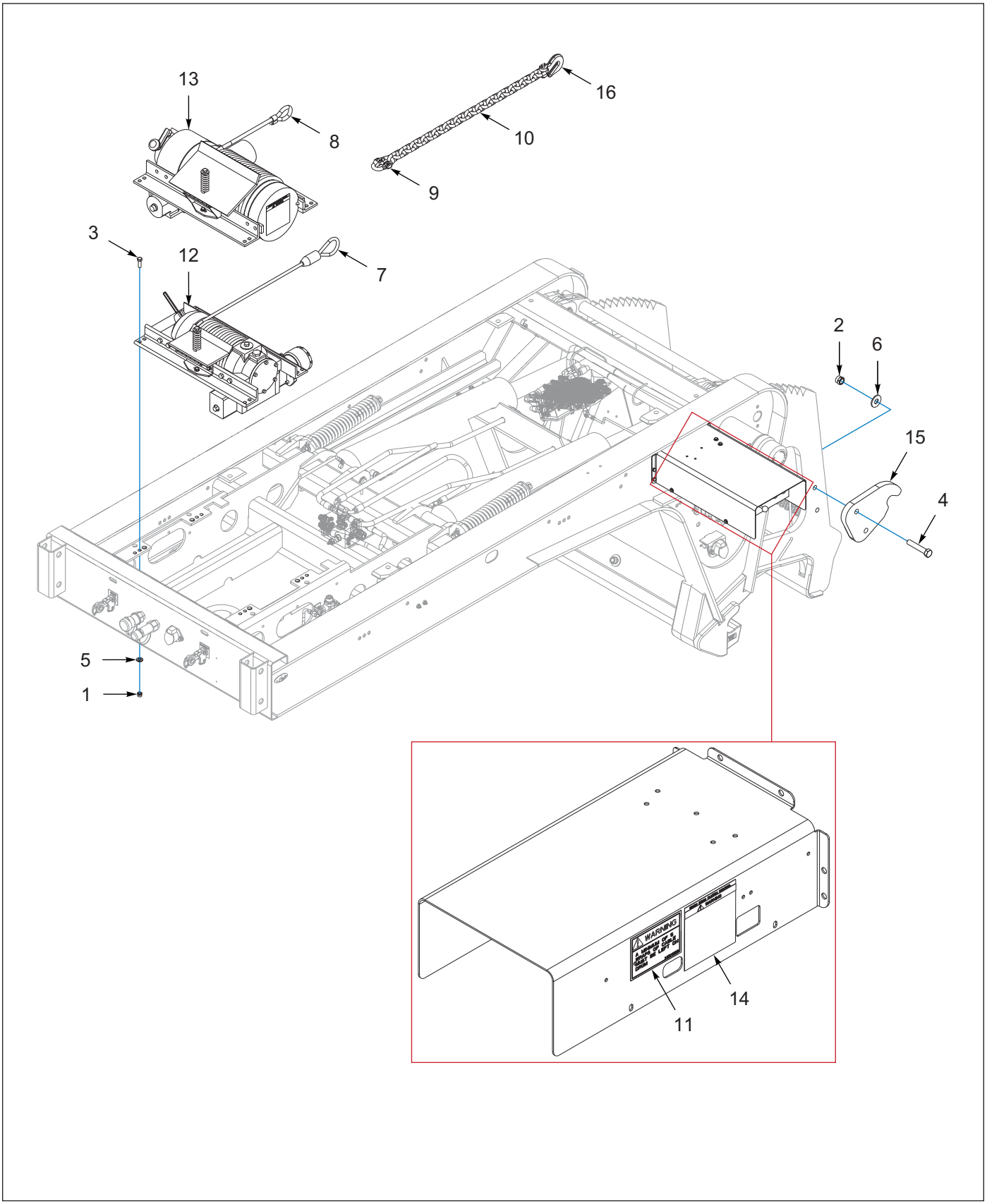


Figure 8-3: Gooseneck, Winch Installation, Braden 12K / 20K, 1 Speed

Gooseneck, Winch Installation, Braden 12K / 20K, 1 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
	199213	WINCH INSTL12K BRAD E-G/N FLIP **(12K)**	- -
	199214	WINCH INSTL20K BRAD E-G/N FLIP **(20K)**	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
3	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	8
4	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	4
5	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	8
6	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
7	3-155-010017-4	CABLE 1/2 W/LOOP 85FT **(12K)**	1
8	3-155-010018-6	CABLE 5/8 W/LOOP 85FT **(20K)**	1
9	3-174-010038	CHAIN LINK CONNECTING 1/2	1
10	3-174-010039036	CHAIN 1/2X36" GRD 7 21LINKS	1
11	3-573-010299	DECAL, WARNING WINCH CABLE	1
12	3-873-010126-2	WINCH ASSY,12,000 LB PARKER **(HYDRAULIC SYSTEM - SEE PAGE 13-5)** **(ANCHORS - SEE PAGE 8-1)** **(WINCH ASSEMBLY- SEE PAGE 8-11)**	1
13	3-873-010129-2	WINCH ASSY,20000 LB, PARKER **(HYDRAULIC SYSTEM - SEE PAGE 13-5)** **(ANCHORS - SEE PAGE 8-1)** **(WINCH ASSEMBLY- SEE PAGE 8-11)**	1
14	100600	DECAL WARNING BRADEN WINCH	1
15	168528	PLATE WINCH HOOK 800	2
16	7HCGHT500	HOOK CLEVIS GRAB 1/2 GR70	1

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

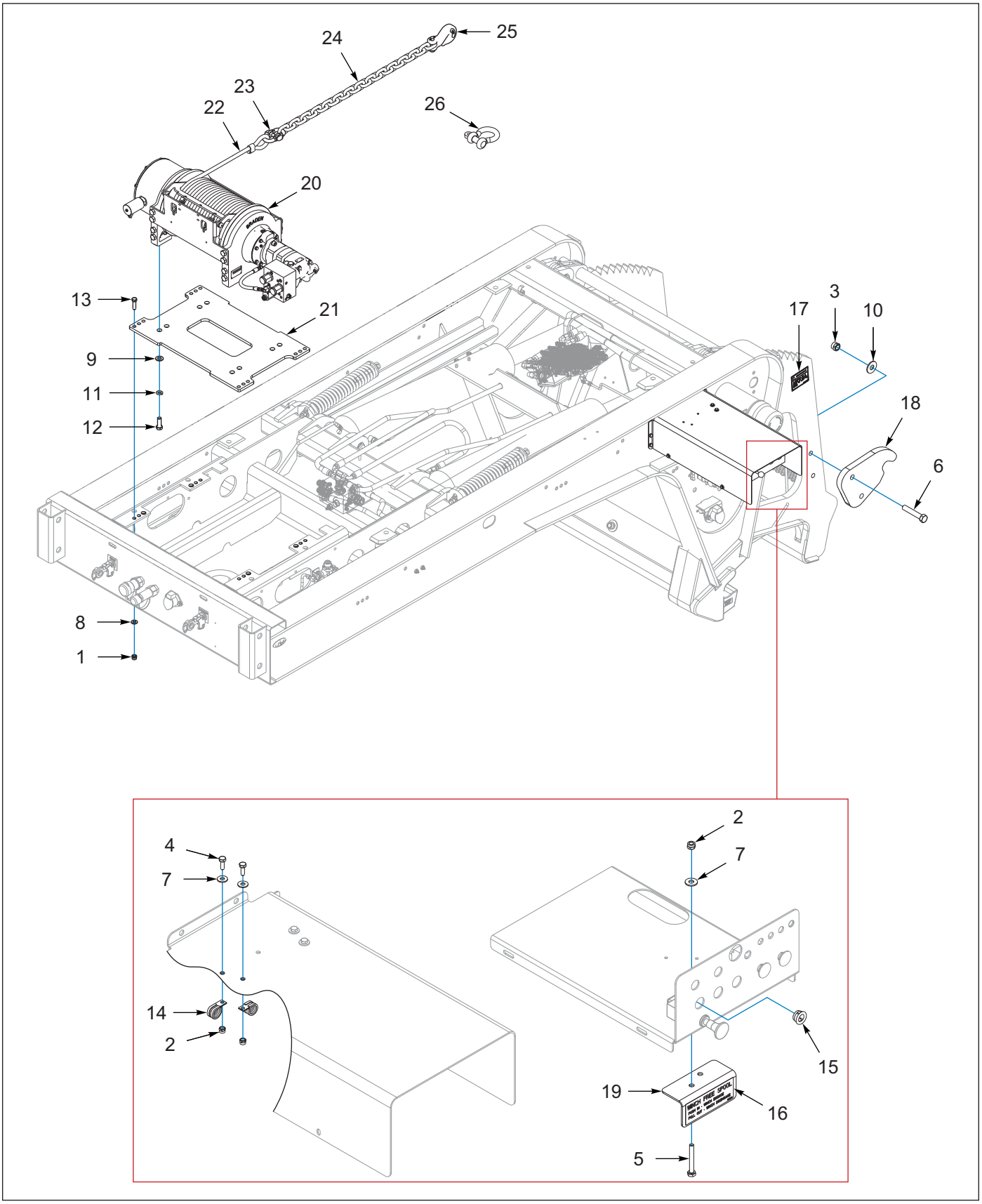


Figure 8-4: Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	245122	WINCH INSTL20K BRADEN E N/FL **(20K WO/ FLIP BRACKETS)**	- -
	245123	WINCH INSTL30K BRADEN E N/FL **(30K WO/ FLIP BRACKETS)**	- -
	245124	WINCH INSTL20K BRADEN E FLIP **(20K W/ FLIP BRACKETS)**	- -
	245125	WINCH INSTL30K BRADEN E FLIP **(30K W/ FLIP BRACKETS)**	- -
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	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
4	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
5	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
6	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	4
7	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
8	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	12
9	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	8
10	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
11	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	8
12	109740	SCREW HEX CAP 5/8-11X1-3/4 GR8	8
13	B1821BH050C175N	SCREW HX CP1/2-13X1-3/4GR8 ZP	12
14	125894	CLAMP, CABLE 5/8 SST	2
15	178444	BUSHING NYLON INSERT 9/16ID	1
16	135184	DECAL, WINCH FREE SPOOL	1
17	3-573-010299	DECAL, WARNING WINCH CABLE	1
18	168528	PLATE WINCH HOOK 800	2
19	180529	BRACKET VALVE WINCH FREE SPOOL	1
20	239740	WINCH 20K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-13)** **(ELECTRICAL SYSTEM - SEE PAGE 11-11)** **(HYDRAULIC SYSTEM - SEE PAGE 13-7)** **(ANCHORS - SEE PAGE 8-1)** **(WINCH COMPONENTS - SEE PAGE 8-23)**	1
20	239745	WINCH 30K BRADEN 2 SPEED **(30K)** **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-13)** **(ELECTRICAL SYSTEM - SEE PAGE 11-11)** **(HYDRAULIC SYSTEM - SEE PAGE 13-7)** **(ANCHORS - SEE PAGE 8-1)** **(WINCH COMPONENTS - SEE PAGE 8-29)**	1
21	240572	PLT WINCH MNT BRADEN 20K 2SP **(20K)**	1
21	240571	PLATE WINCH MNT BRADEN 30K 2SP **(30K)**	1
22	3-155-010018-6	CABLE 5/8 W/LOOP 85FT **(20K)**	1
22	132833	CABLE ASSY 5/8X85FLEX-X9 **(30K)**	1
23	3-174-010038	CHAIN LINK CONNECTING 1/2 **(20K)**	1
23	3-174-010059	CHAIN LINK CONNECTING 5/8 **(30K)**	1
24	3-174-010039036	CHAIN 1/2X36" GRD 7 21LINKS **(20K)**	1
24	3-174-010060036	CHAIN 5/8X36IN GRADE 80 **(30K)**	1
25	7HCGHT500	HOOK CLEVIS GRAB 1/2 GR70 **(20K)**	1
25	1-382-010035-06	HOOK,CLEVIS GRAB 5/8 GRD80 **(30K)**	1
26	137024	SHACKLE 1IN SCREW PIN ANCHOR **(30K, SOLD SEPARATELY)**	1

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

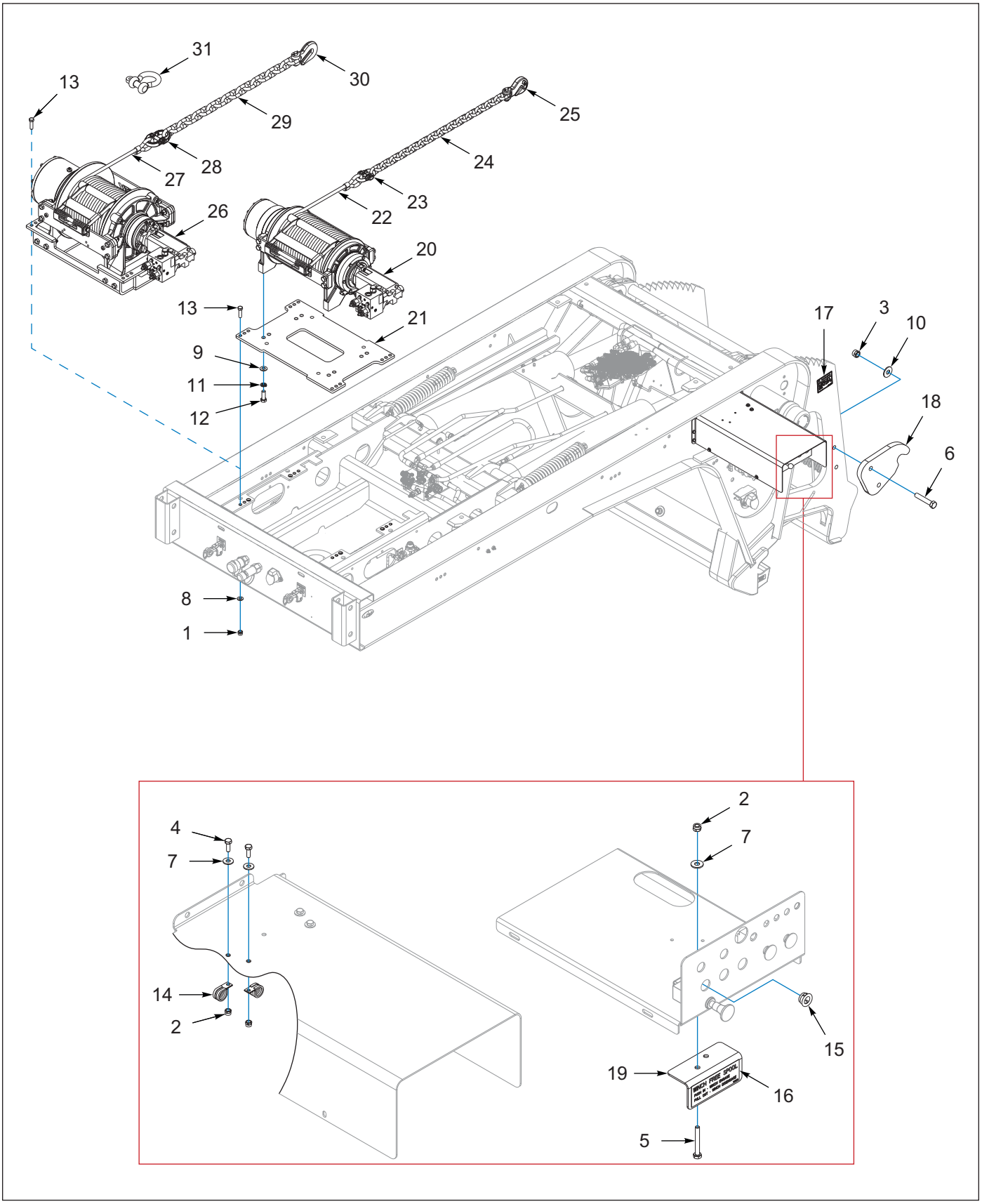


Figure 8-5: Gooseneck, Winch Installation, Ramsey 20K / 30K, 2 Speed

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	245537	WINCH INSTL 20K RAMSEY F N/FL **(20K WO/ FLIP BRACKETS)**	- -
	245538	WINCH INSTL 30K RAMSEY F N/FL **(30K WO/ FLIP BRACKETS)**	- -
	245539	WINCH INSTL 20K RAMSEY F FLIP **(20K W/ FLIP BRACKETS)**	- -
	245540	WINCH INSTL 30K RAMSEY F FLIP **(30K W/ FLIP BRACKETS)**	- -
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	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
4	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
5	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
6	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	4
7	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
8	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	12
9	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	8
10	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
11	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	8
12	109740	SCREW HEX CAP 5/8-11X1-3/4 GR8	8
13	B1821BH050C175N	SCREW HX CP1/2-13X1-3/4GR8 ZP	12
14	125894	CLAMP, CABLE 5/8 SST	2
15	178444	BUSHING NYLON INSERT 9/16ID	1
16	135184	DECAL, WINCH FREE SPOOL	1
17	3-573-010299	DECAL, WARNING WINCH CABLE	1
18	168528	PLATE WINCH HOOK 800	2
19	180529	BRACKET VALVE WINCH FREE SPOOL	1
20	240526	WINCH 20K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-15)** **(ELECTRICAL SYSTEM - SEE PAGE 11-13)** **(HYDRAULIC SYSTEM - SEE PAGE 13-9)** **(ANCHORS - SEE PAGE 8-1)** **(WINCH COMPONENTS - SEE PAGE 8-33)**	1
21	240545	PLATE WINCH MOUNT RAMSEY **(20K)**	1
22	3-155-010018-6	CABLE 5/8 W/LOOP 85FT **(20K)**	1
23	3-174-010038	CHAIN LINK CONNECTING 1/2 **(20K)**	1
24	3-174-010039036	CHAIN 1/2X36" GRD 7 21LINKS **(20K)**	1
25	7HCGHT500	HOOK CLEVIS GRAB 1/2 GR70 **(20K)**	1
26	240528	WINCH 30K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-15)** **(ELECTRICAL SYSTEM - SEE PAGE 11-13)** **(HYDRAULIC SYSTEM - SEE PAGE 13-9)** **(ANCHORS - SEE PAGE 8-1)** **(WINCH COMPONENTS - SEE PAGE 8-37)**	1
27	132833	CABLE ASSY 5/8X85FLEX-X9 **(30K)**	1
28	3-174-010059	CHAIN LINK CONNECTING 5/8 **(30K)**	1
29	3-174-010060036	CHAIN 5/8X36IN GRADE 80 **(30K)**	1
30	1-382-010035-06	HOOK,CLEVIS GRAB 5/8 GRD80 **(30K)**	1
31	137024	SHACKLE 1IN SCREW PIN ANCHOR **(30K, SOLD SEPARATELY)**	1

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

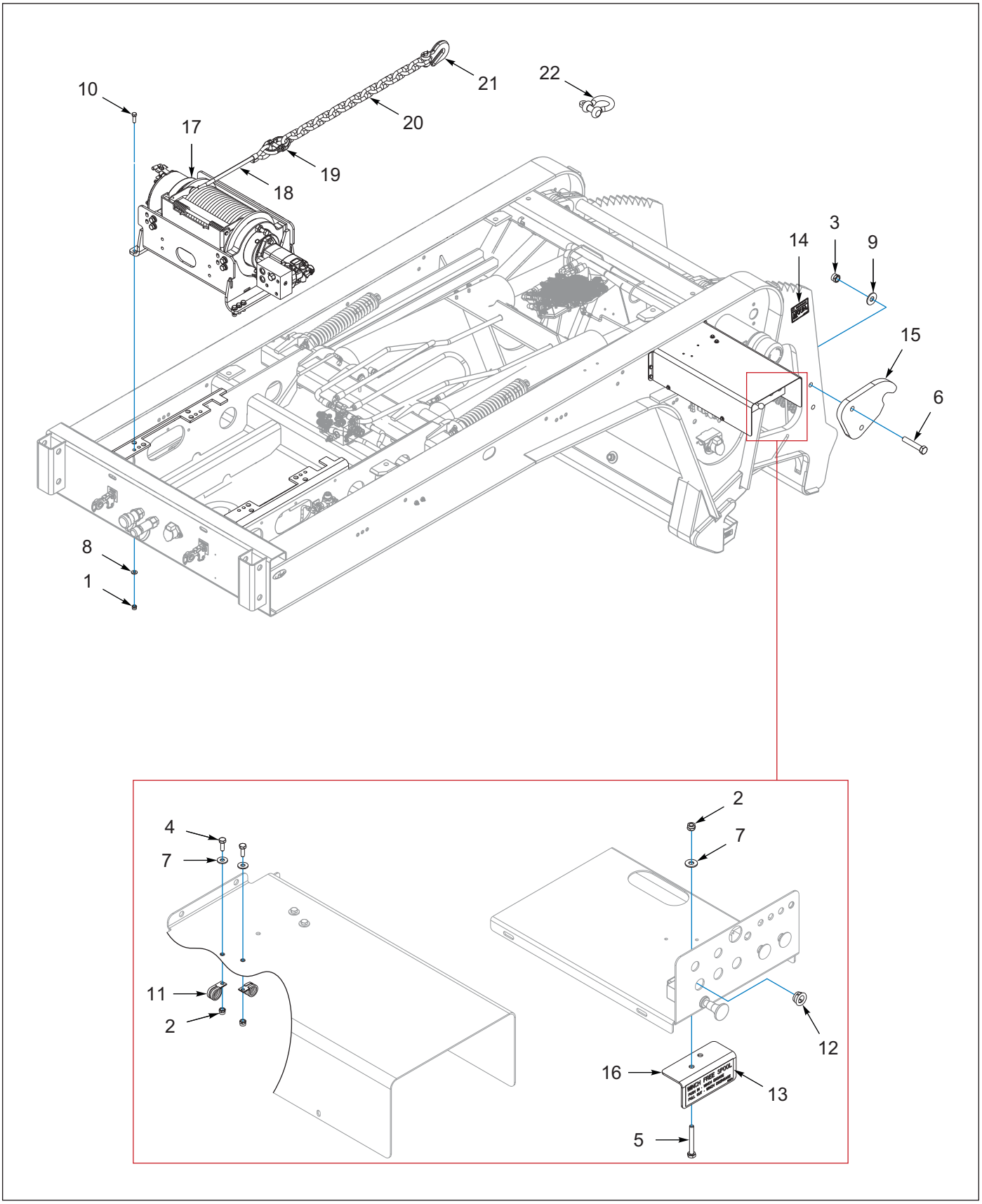
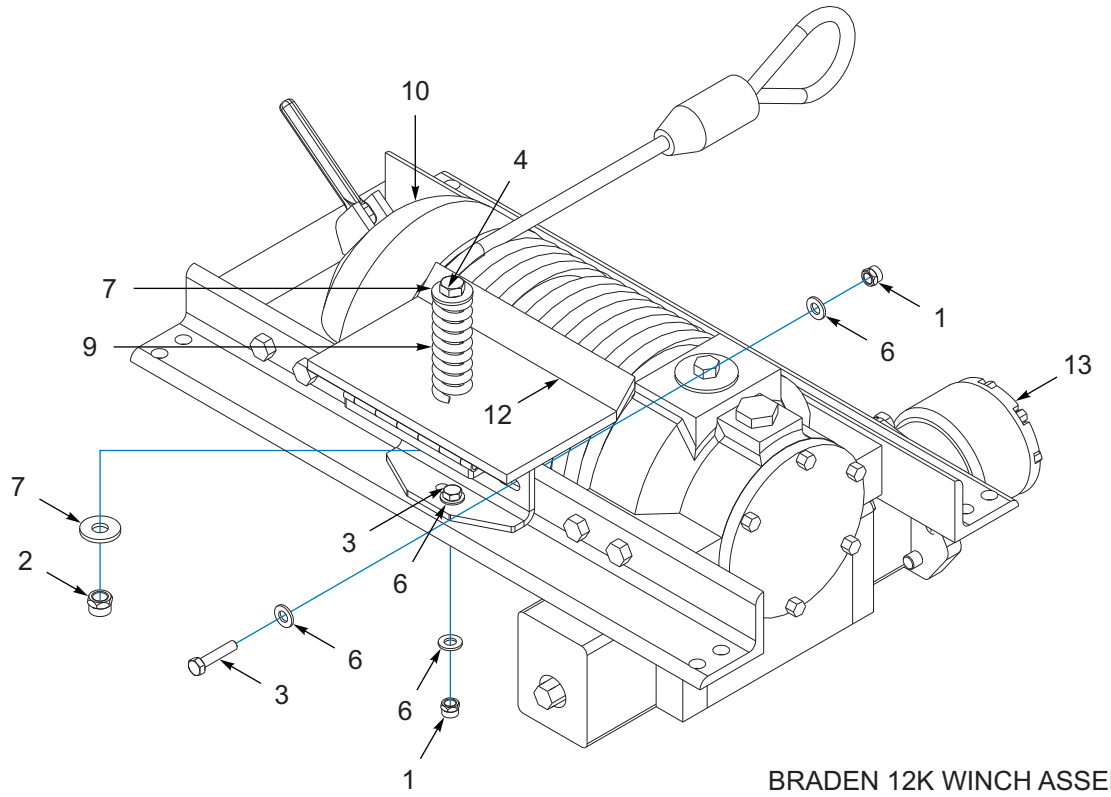


Figure 8-6: Gooseneck, Winch Installation, Warn 20K / 30K, 2 Speed

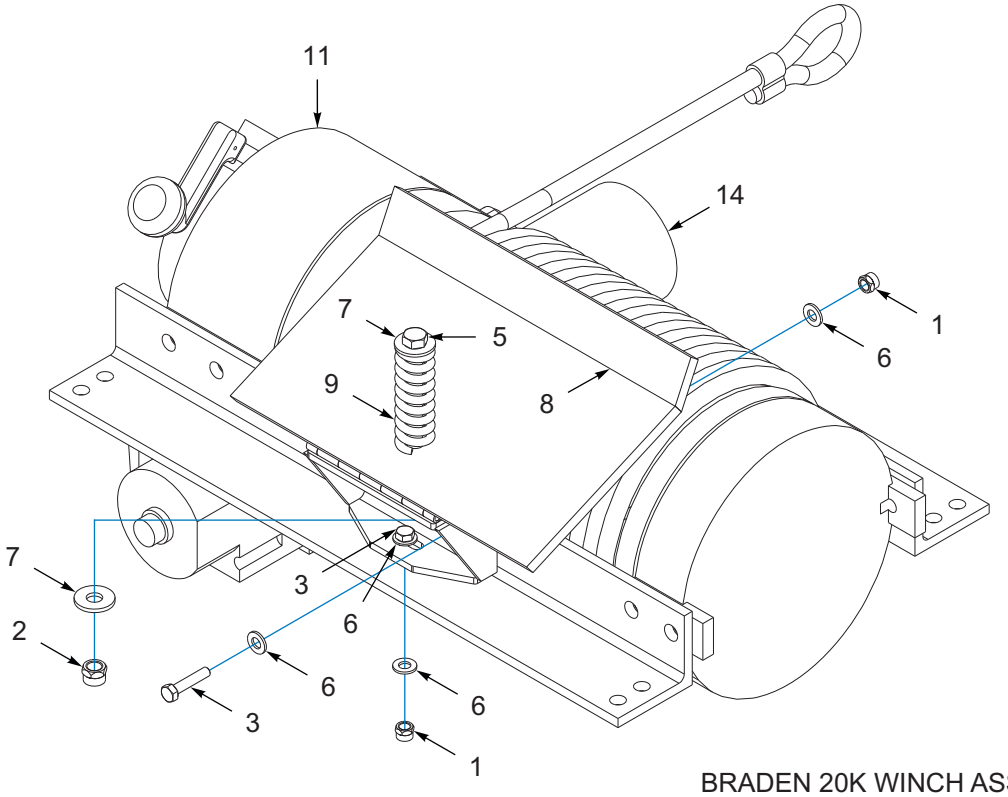
Gooseneck, Winch installation, Warn 20K / 30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
	199217	WINCH INSTL20K WARN E-G/N N/FL **(20K)**	- -
	199218	WINCH INSTL30K WARN E-G/N N/FL **(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	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
4	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
5	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
6	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	4
7	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
8	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	12
9	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	4
10	108439	SCREW HX CP 1/2-13UNCX1-1/2G8	12
11	125894	CLAMP, CABLE 5/8 SST	2
12	178444	BUSHING NYLON INSERT 9/16ID	1
13	135184	DECAL, WINCH FREE SPOOL	1
14	3-573-010299	DECAL, WARNING WINCH CABLE	1
15	168528	PLATE WINCH HOOK 800	2
16	180529	BRACKET VALVE WINCH FREE SPOOL	1
17	239740	WINCH 20K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-17)** **(ELECTRICAL SYSTEM - SEE PAGE 11-15)** **(HYDRAULIC SYSTEM - SEE PAGE 13-11)** **(ANCHORS - SEE PAGE 8-1)** **(WINCH ASSEMBLY - SEE PAGE 8-13)**	1
17	204958	WINCH ASSY WARN 30K 800 **(30K)** **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-17)** **(ELECTRICAL SYSTEM - SEE PAGE 11-15)** **(HYDRAULIC SYSTEM - SEE PAGE 13-11)** **(ANCHORS - SEE PAGE 8-1)** **(WINCH ASSEMBLY - SEE PAGE 8-13)**	1
18	3-155-010018-6	CABLE 5/8 W/LOOP 85FT **(20K)**	1
18	132833	CABLE ASSY 5/8X85FLEX-X9 **(30K)**	1
19	3-174-010038	CHAIN LINK CONNECTING 1/2 **(20K)**	1
19	3-174-010059	CHAIN LINK CONNECTING 5/8 **(30K)**	1
20	3-174-010039036	CHAIN 1/2X36" GRD 7 21LINKS **(20K)**	1
20	3-174-010060036	CHAIN 5/8X36IN GRADE 80 **(30K)**	1
21	7HCGHT500	HOOK CLEVIS GRAB 1/2 GR70 **(20K)**	1
21	1-382-010035-06	HOOK,CLEVIS GRAB 5/8 GRD80 **(30K)**	1
22	137024	SHACKLE 1IN SCREW PIN ANCHOR **(30K, SOLD SEPARATELY)**	1

Winch Assembly, Braden 12K / 20K, 1 Speed



BRADEN 12K WINCH ASSEMBLY



BRADEN 20K WINCH ASSEMBLY

Figure 8-7: Winch Assembly, Braden 12K / 20K, 1 Speed

Winch Assembly, Braden 12K / 20K, 1 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
	199214	WINCH INSTL20K BRAD E-G/N FLIP	- -
	3-873-010126-2	WINCH ASSY,12,000 LB PARKER	- -
	3-873-010129-2	WINCH ASSY,20000 LB, PARKER	- -
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	3
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
3	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	3
4	1-654-010055-16	SCREW HEX CAP 1/2-13X5-1/2GR5	1
5	1-654-010055-17	SCREW,HEX CAP,1/2-13UNCX6 GR5	1
6	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	6
7	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	2
8	102186	WINCH TENS 20K BRADEN SPRG WLD	1
9	3-720-010010	SPRING COMP LEVEL WIND	1
10	3-873-010122	WINCH, WORM GEAR 12,000 LB **(COMPONENTS - SEE PAGE 8-15)**	1
11	3-873-010123	WINCH,WORM GEAR,20,000LB BRADN **(COMPONENTS - SEE PAGE 8-19)**	1
12	3-873-010124	WINCH TENSIONER WLDMT 12K	1
13	3-481-010006	MOTOR,HYD 7.1 CU IN/REV,SAE A **(3-873-010126-2)** **(COMPONENTS - SEE PAGE 8-22)**	1
14	3-481-010007	MOTOR HYD 12.9CU IN/REV,SAE B **(3-873-010129-2)** **(COMPONENTS - SEE PAGE 8-22)**	1

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

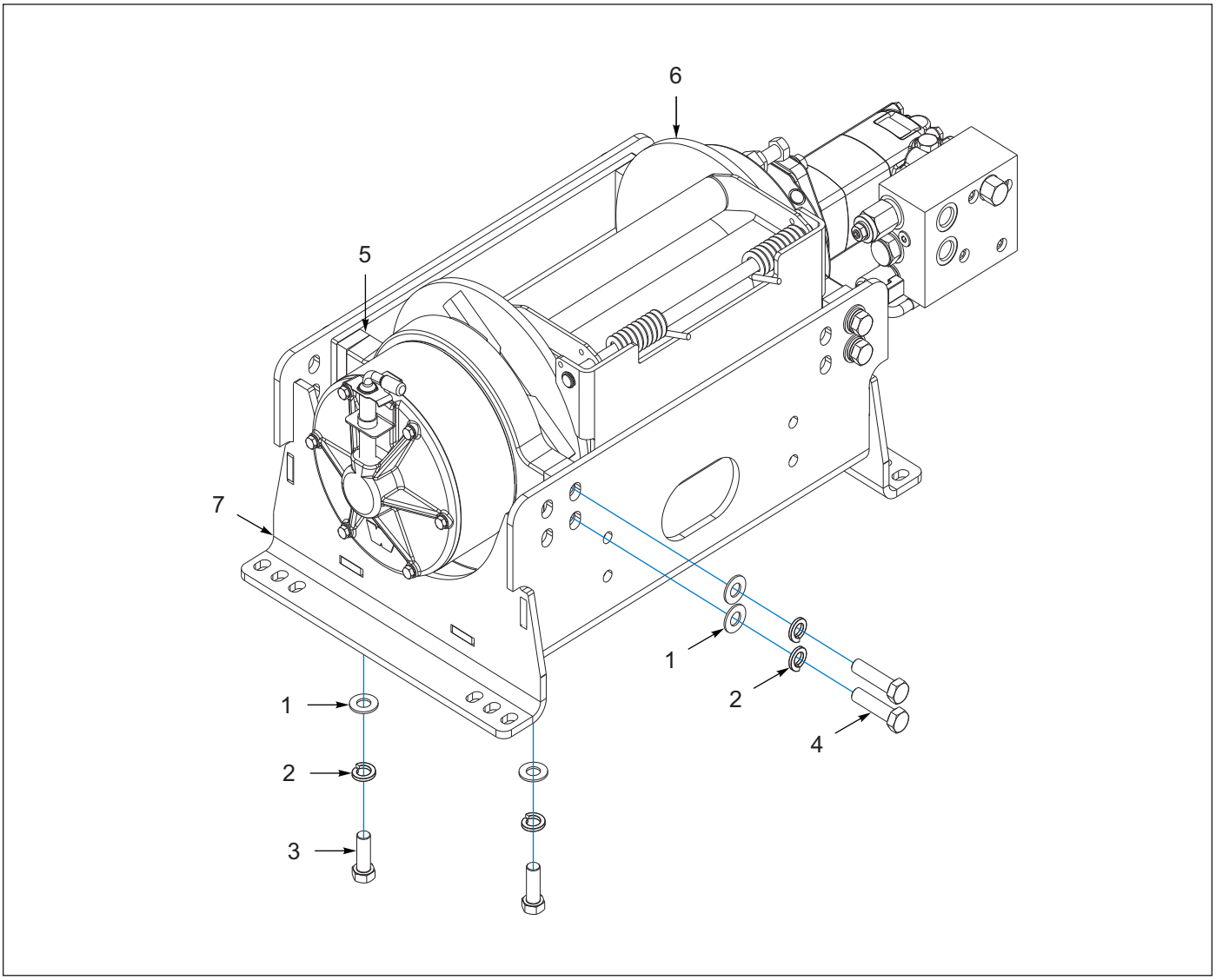


Figure 8-8: Winch Assembly, Warn 20K / 30K, 2 Speed

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 8-39)**	1
6	172877	WINCH 30K WARN 2 SPD AIR **(204958)** **(WINCH COMPONENTS - SEE PAGE 8-41)**	1
7	203288	MOUNT WLDMT WINCH WARN 30/20K	1

Table provided for general use.

NOTES:

Winch Components, Braden 12K, 1 Speed

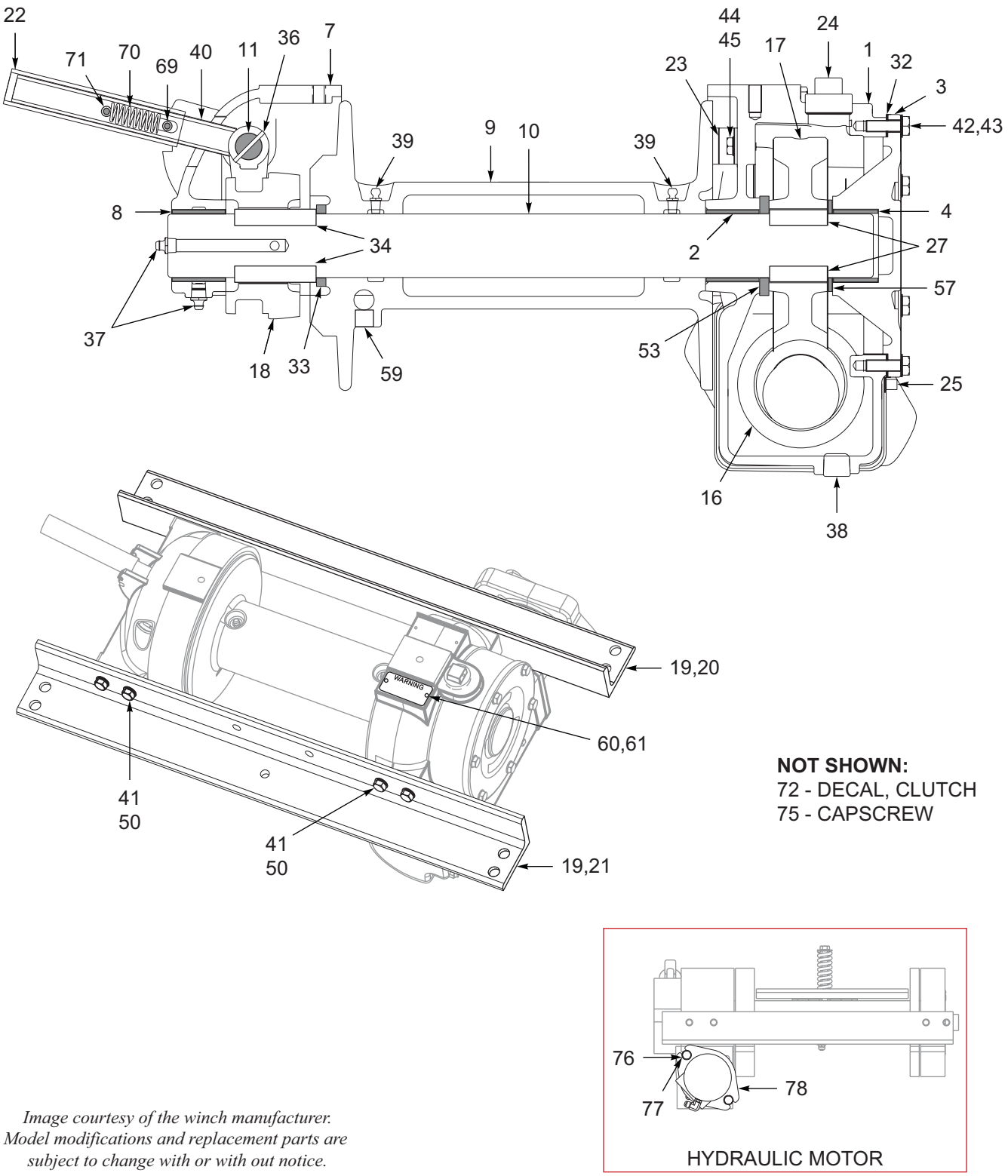


Image courtesy of the winch manufacturer. Model modifications and replacement parts are subject to change with or with out notice.

Figure 8-9: Winch Components, Braden 12K, 1 Speed (1 of 2)

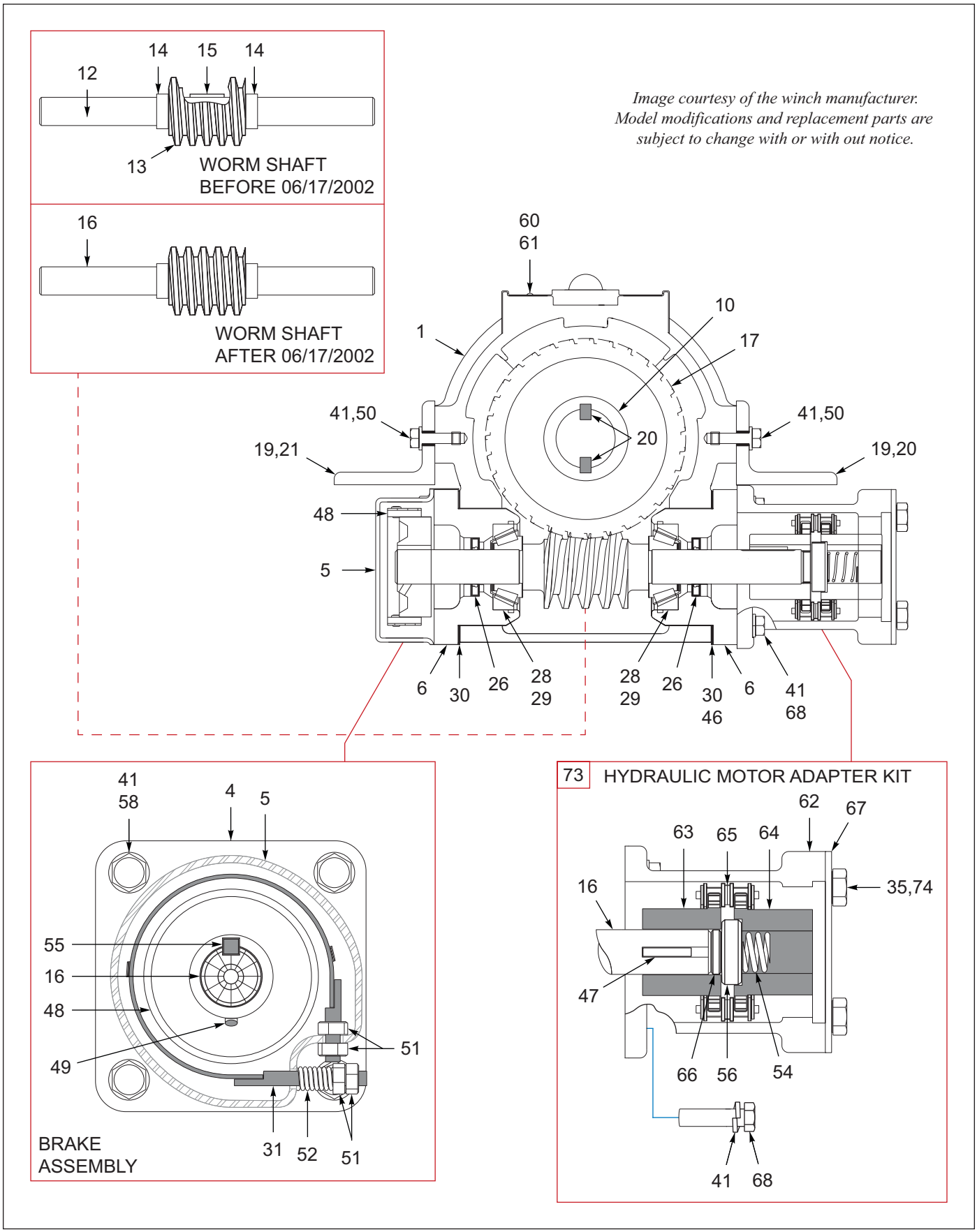


Figure 8-10: Winch Components, Braden 12K, 1 Speed (2 of 2)

Winch Components, Braden 12K, 1 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
	3-873-010122	WINCH, WORM GEAR 12,000 LB	1
	3-873-010126-2	WINCH ASSY,12,000 LB PARKER **(2 BOLT MOUNT MOTOR)**	1
1	81006	HOUSING **(INCLUDES ITEM 2)**	1
2	18078	BUSHING-WORM HSNG ASSY12MBRAD **(INCLUDED WITH ITEM 1)**	1
3	81009	LU2-144-0 WORM HOUSING COVER **(INCLUDES ITEM 4)**	1
4	11368	BUSHING 12K WORM WINCH HOUSING **(INCLUDED WITH ITEM 3)**	1
5	18032	BRAKE HSG	1
6	23303	BEARING CONTAINER	2
7	81530	LEG ASSY **(INCLUDES ITEM 8)**	1
8	18077	BUSHING **(INCLUDED WITH ITEM 7)**	1
9	11128	CABLE DRUM	1
10	11129	CABLE DRUM SHAFT **(BEFORE 06/17/2013)**	1
10	248594	CABLE DRUM SHAFT 12K **(AFTER 06/17/2013)**	1
11	11130	SHIFTER SHAFT BRADEN	1
12	23470	WORM SHAFT **(BEFORE 06/17/2002, REPLACED BY ITEM 16)**	1
13	11142	WORM **(LITTLE GEAR)** **(BEFORE 06/17/2002, AFTER, REPLACED BY ITEM 16)**	1
14	11308	WORM SPACER **(BEFORE 06/17/2002, AFTER, REPLACED BY ITEM 16)**	2
15	18030	KEY **(BEFORE 06/17/2002, AFTER, REPLACED BY ITEM 16)**	1
16	248595	WORM LU2-L GEAR/SHAFT 12K **(AFTER 06/17/2002, REPLACED ITEMS 12-15)**	1
17	11144	GEAR, WORM, LH **(BIG GEAR)**	1
18	18039	CLUTCH COLLAR	1
19	22752	ANGLE BASE ALU-2-146 12M BRAD **(BEFORE 10/23/1990, AFTER, REPLACED BY ITEMS 20-21)**	2
20	248596	BASE ANGLE 12K MOTOR SIDE **(AFTER 10/23/1990, REPLACED ITEM 19)**	1
21	249510	BASE ANGLE 12K BRAKE SIDE **(AFTER 10/23/1990, REPLACED ITEM 19)**	1
22	12817	SHIFTER HANDLE	1
23	81025	DRAG BRAKE LGU2-10F WINCH	1
24	248358	PLUG	1
25	18009	PLUG	1
26	18026	SEAL	2
27	11117	KEY	2
28	18015	BEARING CONE BRADEN LGU2	2
29	18016	BEARING CUP BRADEN LGU2	2
30	18027	GASKET **(USED TO SHIM BEARING PRELOAD, QTY VARIES)**	6
31	21925	BRK BAND ASSY	1
32	11133	SEAL	1
33	18019	RING RETAINER	1
34	18020	CLUTCH KEY	2
35	248597	CAPSCREW 12K BRADEN **(SHIPPING COVER)**	2
36	11837	ROLL PIN	1
37	18047	GREASE FITTING **(BEFORE 06/17/2013, REQ 1 EACH, BOTTOM FITTING) (AFTER 06/17/2013 FITTING ON END OF THE SHAFT ADDED)**	2
38	19045	DRAIN PLUG	1

Winch Components, Braden 12K, 1 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
39	248598	FITTING GREASE 12K BRADEN	2
40	13839	SHIFTER FORK LGU2	1
41	248599	LOCKWASHER 12K BRADEN **(INCLUDED WITH ITEM 73, 4 EACH)**	16
42	248600	CAPSCREW 12K BRADEN	6
43	248601	WASHER SHPRF BRADEN 12K	6
44	249506	CAPSCREW 12K BRADEN	2
45	249507	WASHER SHPRF 12K WASHER	2
46	18024	GASKET	1
47	18044	KEY	1
48	18028	BRAKE DRUM	1
49	12075	SET SCREW	1
50	247943	CAPSCREW	8
51	13468	NUT	4
52	18029	BRAKE BAND SPRING	1
53	11240	THRUST RING BRADEN LUU2	1
54	110452	SPRING #23353 **(INCLUDED WITH ITEM 73)**	1
55	10078	ROTOR KEY	1
56	23078	CONSTANT SPACER **(INCLUDED WITH ITEM 73)**	1
57	13680	RING,THRUST	1
58	249508	CAPSCREW 12K BRADEN (INCLUDED WITH ITEM 73)	4
59	218058	SET SCREW 12K WINCH CABLE	1
60	248506	WARNING PLATE BRADEN	1
61	248507	DRIVE SCREW BRADEN 20K	2
62	23079	MOTOR ADAPTER 12M WINCH **(INCLUDED WITH ITEM 73)**	1
63	23081	COUPLER HALF WINCH **(INCLUDED WITH ITEM 73)**	1
64	23083	COUPLING HALF MOTOR LGU2-10F **(INCLUDED WITH ITEM 73)**	1
65	13424	CHAIN RLR **(INCLUDED WITH ITEM 73)**	1
66	115851	SPACER #23085 **(INCLUDED WITH ITEM 73)**	1
67	249509	SHIELD DUST MU7-502DG 12K **(SHIPPING COVER)**	1
68	110449	CAPSCREW **(INCLUDED WITH ITEM 73)**	4
69	13028	ROLL PIN	1
70	18002	SPRING	1
71	18056	ROLLPIN	1
72	100600	DECAL, CLUTCH	1
73	61333	HYD. MOTOR ADAPTER KIT, 12,000# WINCH **(INCLUDES ITEMS 41, 54, 56, 58, 62-68, 74-75)**	1
74	216581	LOCKWASHER **(INCLUDED WITH ITEM 73) (SHIPPING COVER)**	4
75	248511	CAPSCREW **(INCLUDED WITH ITEM 73) (MOTOR SIDE, NOT USED)**	4
76	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	2
77	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	2
78	3-481-010006	MOTOR,HYD 7.1 CU IN/REV,SAE A **(KEY SHAFT, 2 BOLT MOUNT)** **(COMPONENTS - SEE PAGE 8-22)**	1

Winch Components, Braden 20K, 1 Speed

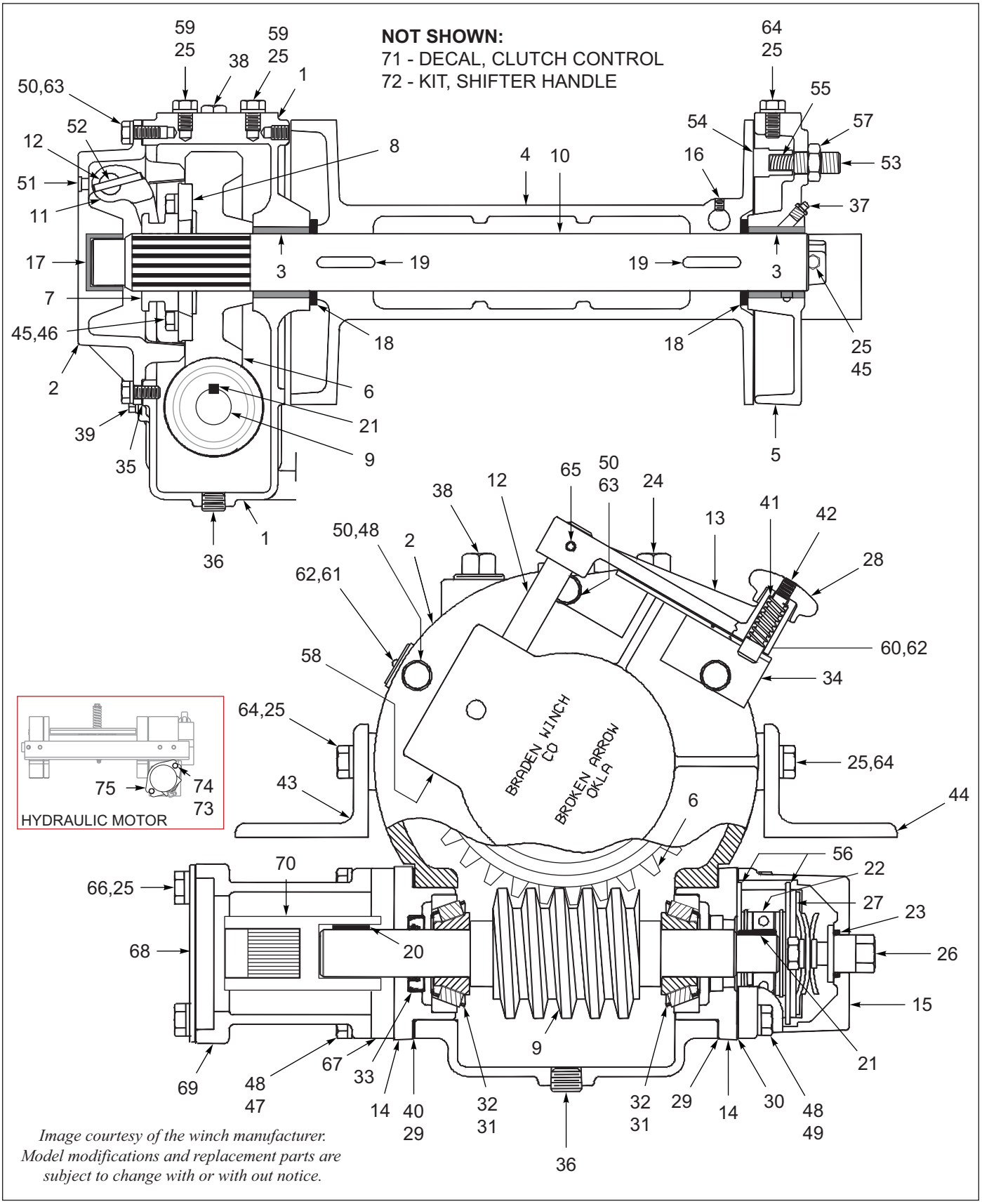


Image courtesy of the winch manufacturer. Model modifications and replacement parts are subject to change with or with out notice.

Figure 8-11: Winch Components, Braden 20K, 1 Speed

Winch Components, Braden 20K, 1 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
	3-873-010123	WINCH,WORM GEAR,20,000LB BRADN	1
	3-873-010129-2	WINCH ASSY,20000 LB, PARKER	1
1	81078	WORM HOUSING ASSY	1
2	248354	WORM HOUSING COVER ASSY	1
3	18035	BUSHING	2
4	11449	DRUM CABLE, BRADEN 20K WINCH	1
5	81077	LEG ASSEMBLY, BEARING	1
6	11434	GEAR,WORM, RIGHT **(BIG GEAR)**	1
7	11421	SLIDING CLUTCH	1
8	11419	CLUTCH DRIVE	1
9	248355	WORM AMU7-R GEAR/SHAFT **(GEAR & SHAFT 1 PIECE)**	1
10	139479	CABLE DRUM SHAFT	1
11	11440	SHIFTER FORK AMU7-16F WINCH	1
12	11441	SHAFT, SHIFTER	1
13	26976	SHIFTER HANDLE AMU7 WINCH **(INCLUDED WITH ITEM 72)**	1
14	124549	BEARING CONTAINER #11427	2
15	248356	MU7-250 WM BRAKE COVER	1
16	139478	SET SCREW FOR 20K WINCH	1
17	11425	BUSHING	1
18	11420	RING, RETAINING	2
19	163472	KEY, DRUM SHAFT	4
20	23367	KEY SPROCKET	1
21	10078	ROTOR KEY	1
22	81080	ROTOR ASSY, BRAKE	1
23	12465	O-RING	1
24	248357	PIPE PLUG	1
25	216581	LOCKWASHER **(SHIPPING COVER, REQ 4 EACH)**	15
26	81081	SPRING ASSY SAFETY BRAKE 20K	1
27	11431	PRESSURE PLATE AMU7 WINCH	1
28	18022	SHIFTER KNOB 20# WINCH **(INCLUDED WITH ITEM 72)**	1
29	11429	GASKET **(USED TO SHIM BEARING PRELOAD, QTY VARIES)**	6
30	11446	GASKET	1
31	18033	BEARING, CONE	2
32	18034	BEARING, CUP	2
33	12073	SEAL, GREASE	1
34	12783	LOCATING BRACKET AMU7 WINCH	1
35	11411	HOUSING COVER GASKET AMUF-16F	1
36	19045	DRAIN PLUG	1
37	18047	GREASE FITTING	1
38	248358	PLUG	1
39	248359	PLUG	1
40	11430	GASKET	1
41	11310	SPRING, SHIFTER KNOB 20# WNCH **(INCLUDED WITH ITEM 72)**	1
42	11309	STEM, SHIFTER KNOB 20# WINCH **(INCLUDED WITH ITEM 72)**	1
43	248360	BASE ANGLE FRONT	1
44	248361	BASE ANGLE REAR	1
45	248309	CAPSCREW MOTOR BRADEN 20K	12
46	248363	LOCKWASHER KEV 1 BRADEN 20K	8
47	248364	CAPSCREW BRADEN 20K	4

Winch Components, Braden 20K, 1 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
48	248501	LOCKWASHER 20K BRADEN	13
49	248502	CAPSCREW BRADEN 20K	4
50	248503	CAPSCREW BRADEN 20K	6
51	12146	PLUG, EXPANSION	1
52	13028	ROLL PIN **(SHIFTER SHAFT TO FORK)**	1
53	11398	SCREW, ADJUSTMENT	1
54	88005	DRAG BRAKE SHOE ASSY	1
55	18002	SPRING	1
56	11426	DISC, FRICTION	2
57	11791	NUT, JAM	1
58	12767	PLUG, EXPANSION	1
59	248504	CAPSCREW BRADEN 20K	2
60	248505	NAMEPLATE (AMU7) SAE BRADEN	1
61	248506	WARNING PLATE BRADEN	1
62	248507	DRIVE SCREW BRADEN 20K **(USED TO MOUNT ITEMS 61-62)**	4
63	248508	WASHER SHPRF 20K BRADEN	1
64	248509	CAPSCREW BRADEN 20K	5
65	248510	ROLL PIN HANDLE TO SHIFTER **(HANDLE TO SHAFT)**	1
66	248511	CAPSCREW BRADEN 20K **(SHIPPING COVER)**	4
67	248512	ADAPTER SPACER 20K BRADEN	1
68	248513	COVER PLATE 20K BRADEN **(SHIPPING COVER)**	1
69	23144	ADAPTER MOTOR 20M WINCH	1
70	248516	SOLID COUPLING BRADEN 20K	1
71	100600	DECAL, CLUTCH CONTROL **(NOT SHOWN)**	1
72	125684	SHIFTER HANDLE BLACK **(KIT INCLUDES ITEMS 13, 28, 41-42)**	1
73	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	2
74	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	2
75	3-481-010007	MOTOR HYD 12.9CU IN/REV,SAE B **(SPLINE SHAFT, 2 BOLT MOUNT)** **(COMPONENTS - SEE PAGE 8-22)**	1

Winch Components, Braden 12K / 20K, 1 Speed, Motor

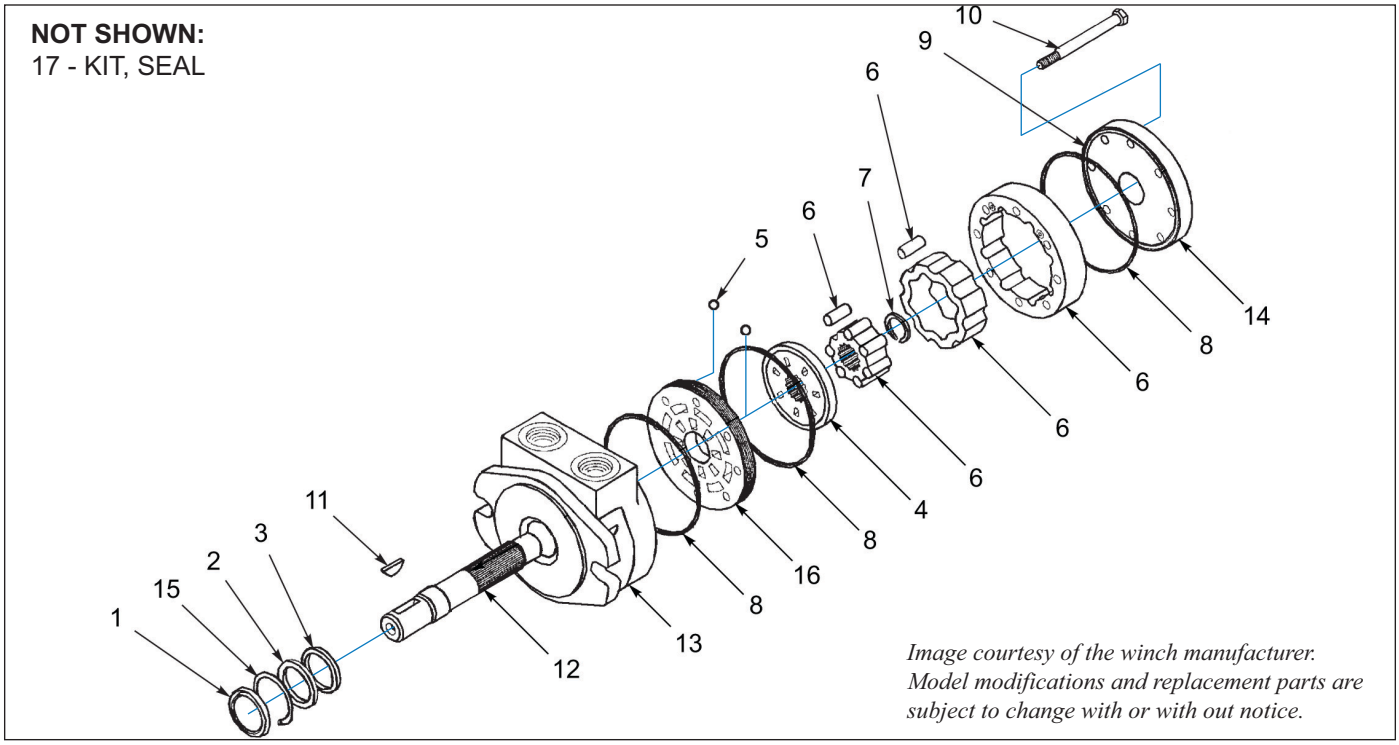


Figure 8-12: Winch Components, Braden 12K / 20K, 1 Speed, Motor

Winch Components, Braden 12K / 20K, 1 Speed, Motor

ITEM	PART NUMBER	DESCRIPTION	QTY
	3-481-010006	MOTOR,HYD 7.1 CU IN/REV,SAE A **(12K WINCH)**	1
	3-481-010007	MOTOR HYD 12.9CU IN/REV,SAE B **(FOR 20K WINCH)**	1
1	- - - - -	SEAL DUST	1
2	- - - - -	BACK-UP RING	1
3	- - - - -	SEAL LIP	1
4	- - - - -	ROTARY VALVE	1
5	- - - - -	CHECK VALVE BALL	2
6	- - - - -	IGR ASSEMBLY - 20K WINCH	1
6	- - - - -	IGR ASSEMBLY - 12K WINCH	1
7	- - - - -	SNAP RING	1
8	1046	SEAL SQ RING,MOTOR	3
9	- - - - -	PLUG VENT W/O-RING	1
10	- - - - -	BOLTS HEX - 20K WINCH	8
10	- - - - -	BOLTS HEX - 12K WINCH	8
11	- - - - -	KEY WOODRUFF	1
12	- - - - -	SHAFTFOR - 20K WINCH	1
12	- - - - -	SHAFTFOR - 12K WINCH	1
13	- - - - -	BODY/BEARING ASSEMBLY - 20K WINCH	1
13	- - - - -	BODY/BEARING ASSEMBLY - 12K WINCH	1
14	- - - - -	COVER/BEARING ASSEMBLY	1
15	- - - - -	SNAP RING SHAFT	1
16	- - - - -	COMMUTATOR PLATE	1
17	2263	KIT, SEAL **(NOT SHOWN)**	1
17	- - - - -	SEAL KIT BODY VITON **(NOT SHOWN)**	1

Winch Components, Braden 20K, 2 Speed

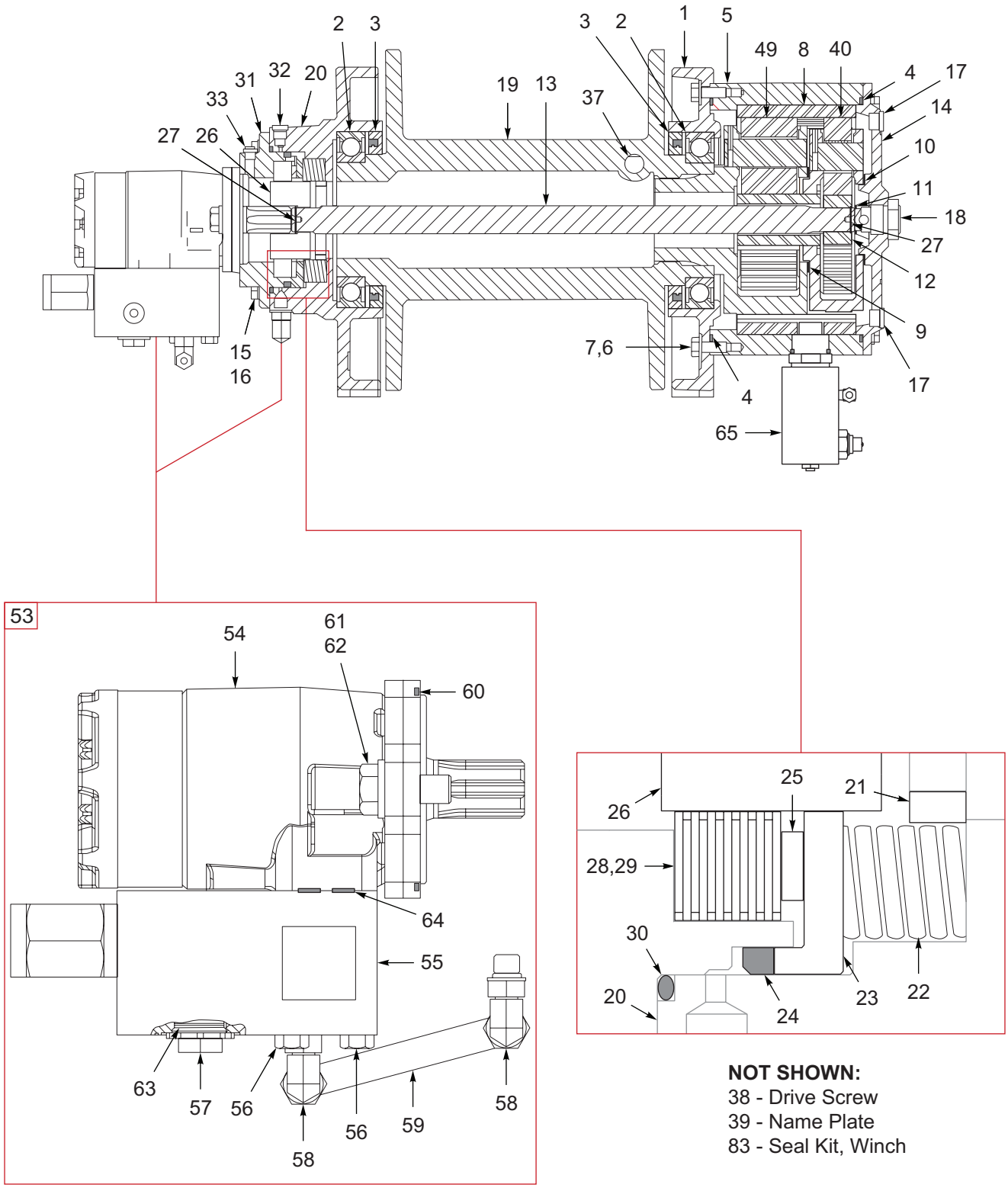


Image courtesy of the manufacturer.
Model modifications and replacement parts are subject to chage with or with out notice.

Figure 8-13: Winch Components, Braden 20K, 2 Speed (1 of 2)

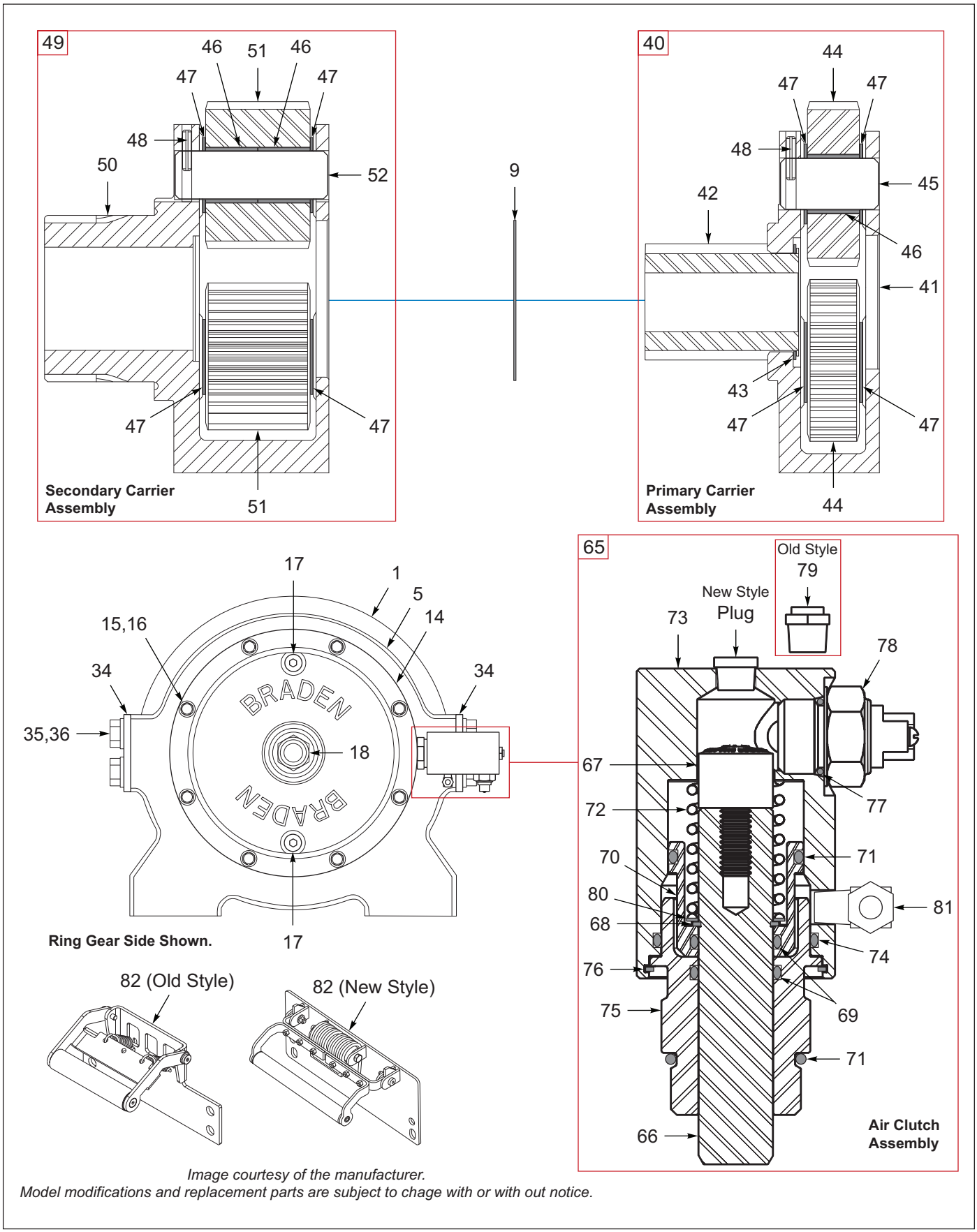


Image courtesy of the manufacturer.
Model modifications and replacement parts are subject to chage with or with out notice.

Figure 8-14: 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
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 65) (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

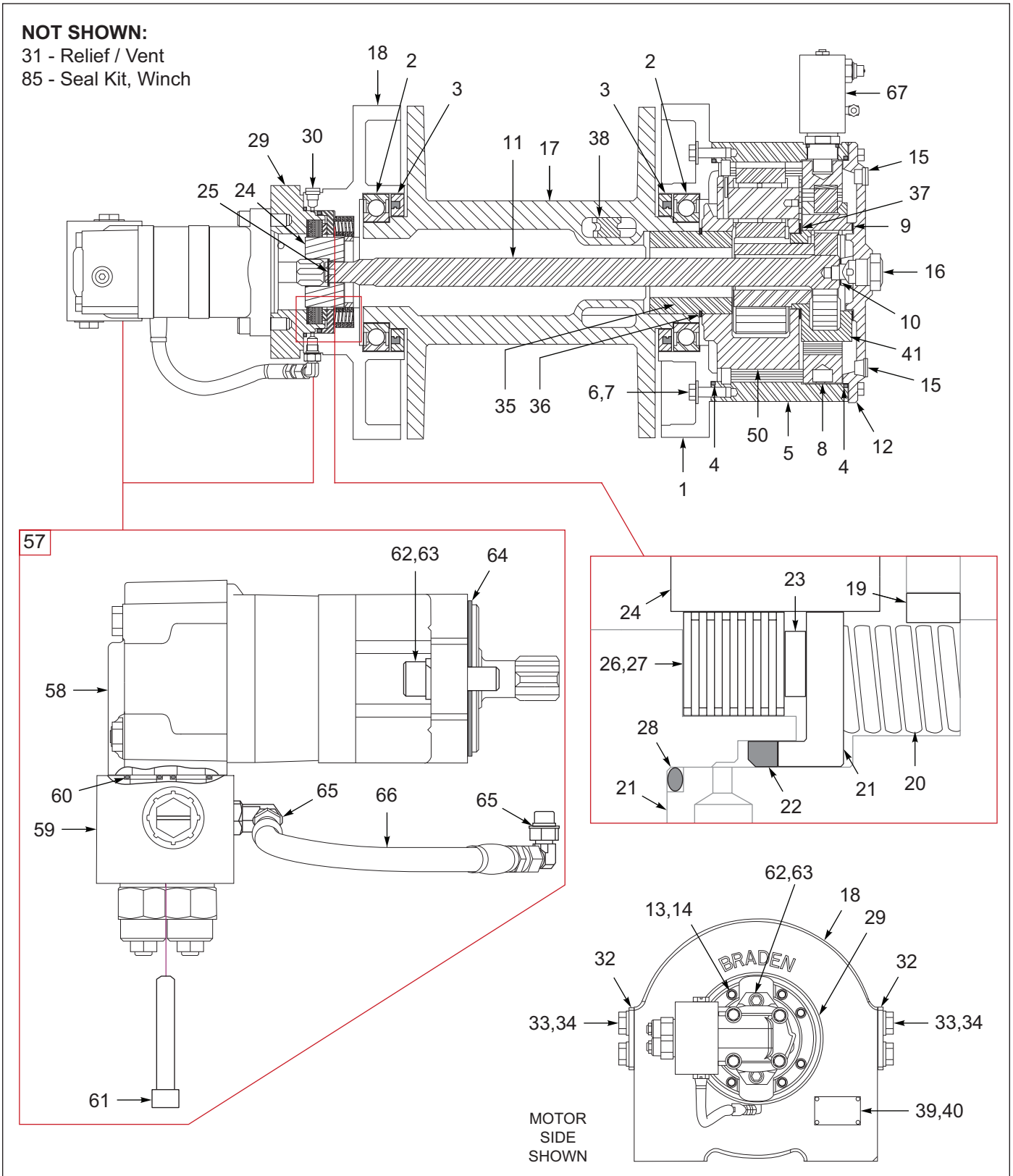


Image courtesy of the manufacturer.
Model modifications and replacement parts are subject to chage with or with out notice.

Figure 8-15: Winch Components, Braden 30K, 2 Speed (1 of 2)

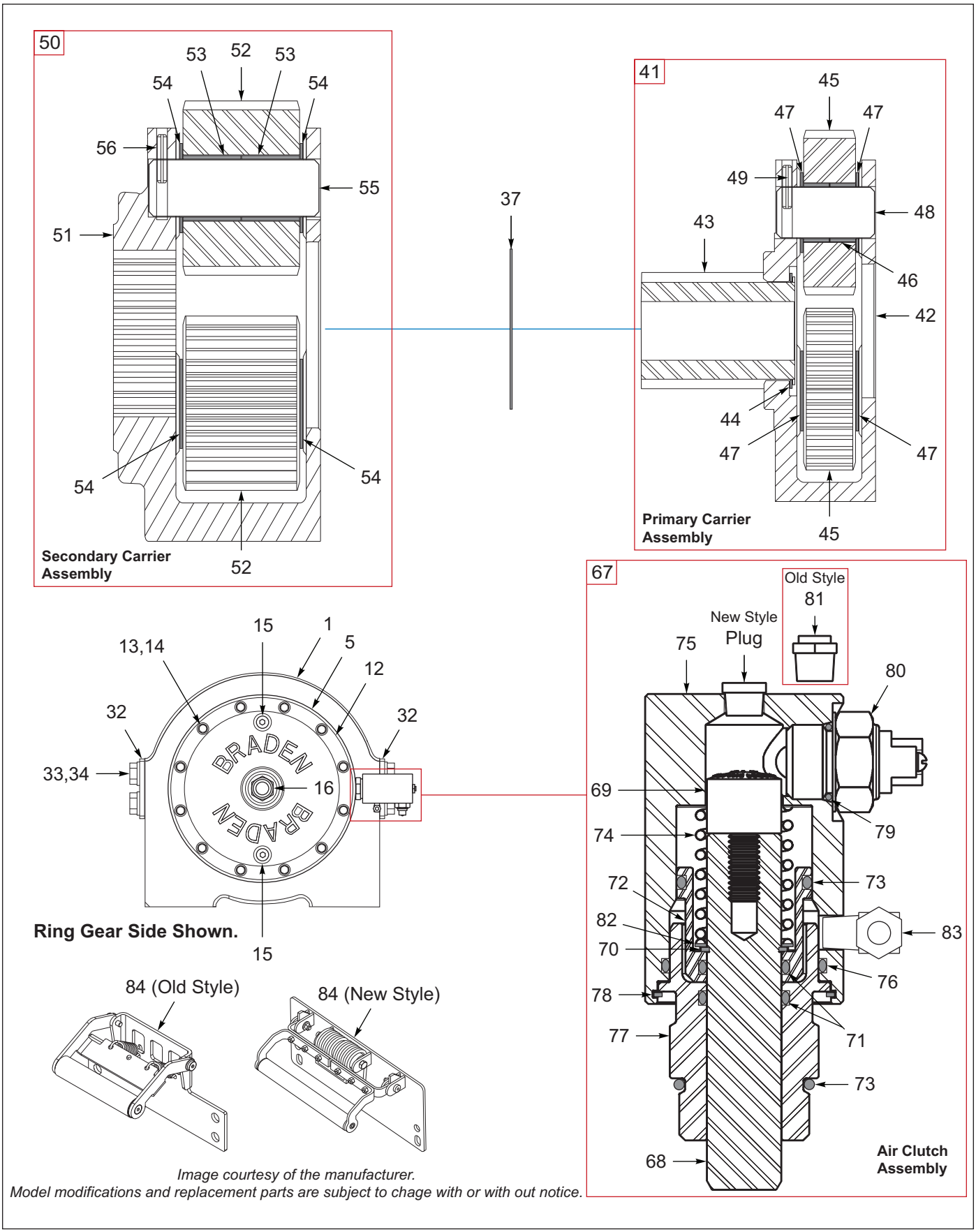


Image courtesy of the manufacturer.
Model modifications and replacement parts are subject to chage with or with out notice.

Figure 8-16: 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
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 **(NOT INCLUDED 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

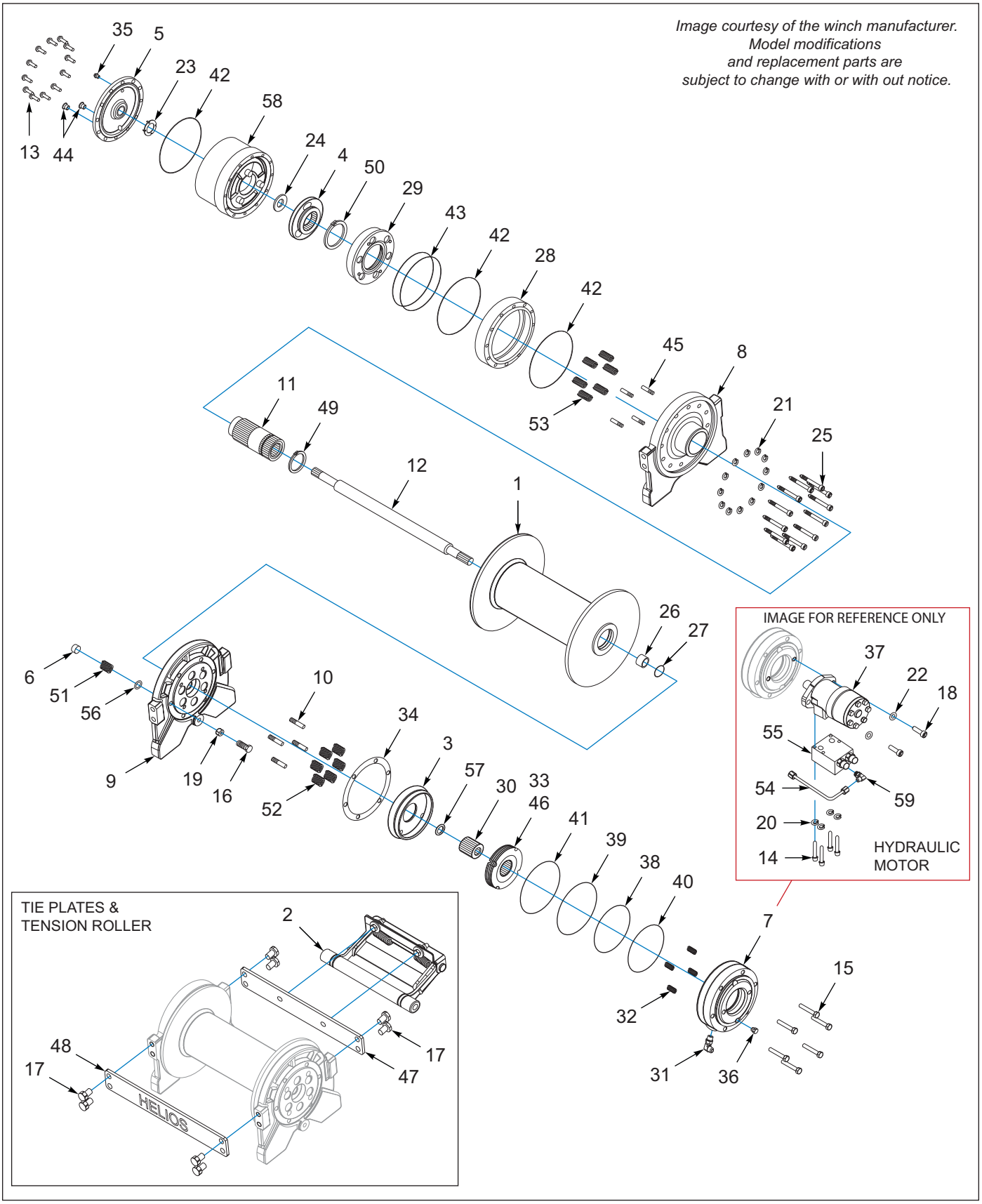


Figure 8-17: Winch Components, Ramsey 20K, 2 Speed

Winch Components, Ramsey 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
	240526	WINCH 20K RAMSEY 2 SPEED	1
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

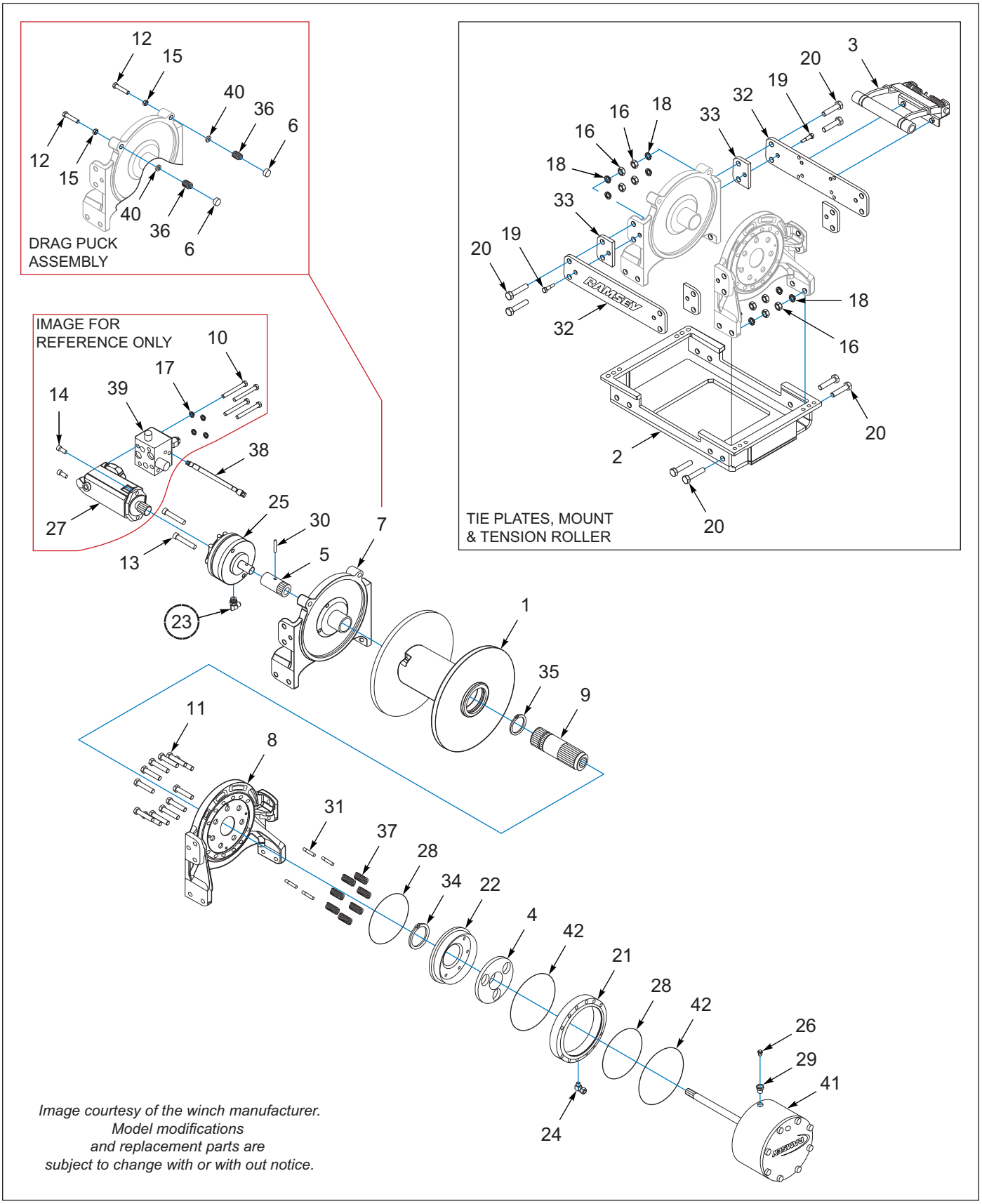
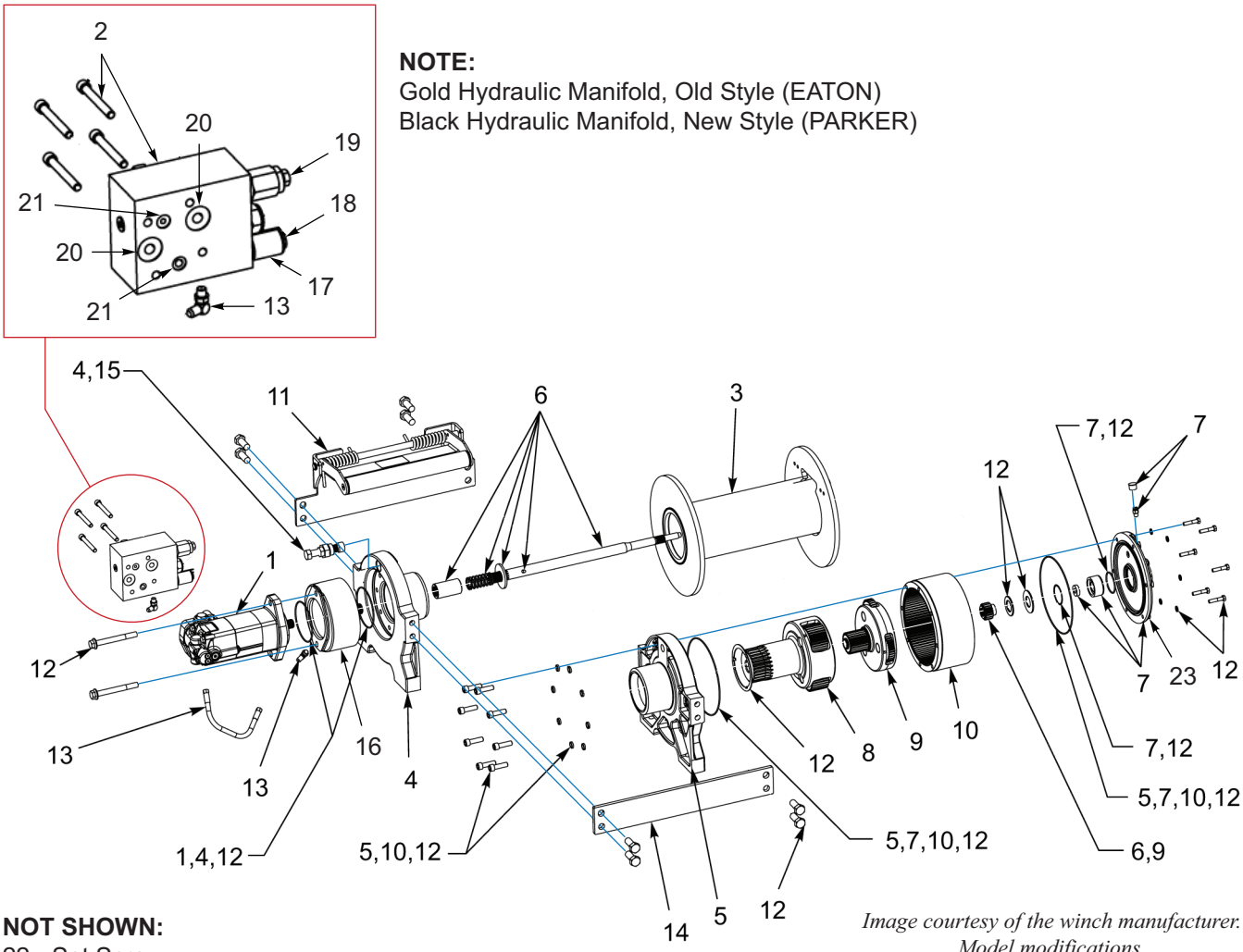


Figure 8-18: Winch Components, Ramsey 30K, 2 Speed

Winch Components, Ramsey 30K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
	240528	WINCH 30K RAMSEY 2 SPEED	1
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

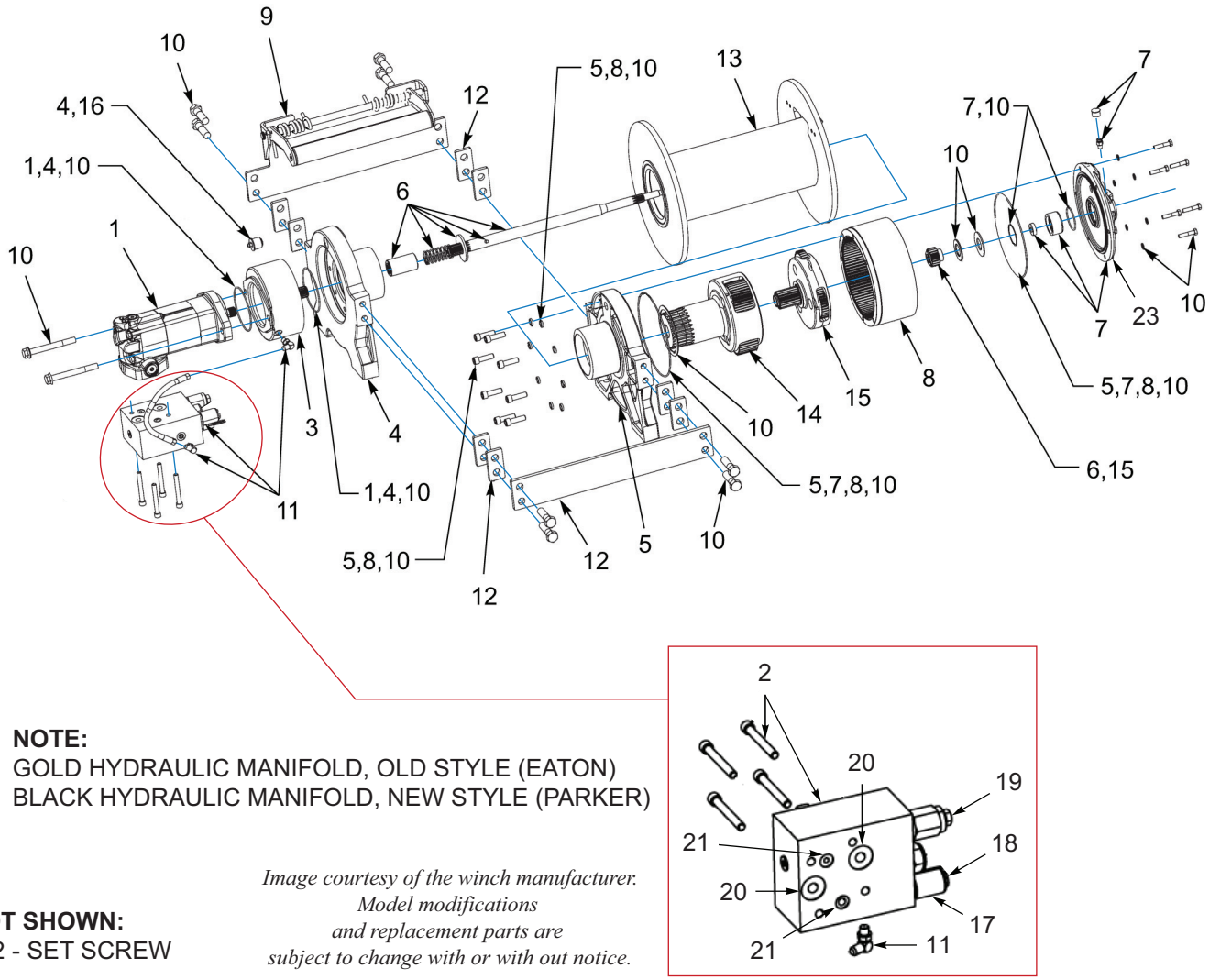
Image courtesy of the winch manufacturer. Model modifications and replacement parts are subject to change with or with out notice.

Figure 8-19: Winch Components, Warn 20K, 2 Speed

Winch Components, Warn 20K, 2 Speed

ITEM	PART NUMBER	DESCRIPTION	QTY
	167521	WINCH 20K WARN 2 SPEED	1
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 8-20: 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
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, Bulkhead, Chain and Spare Tire (Option)

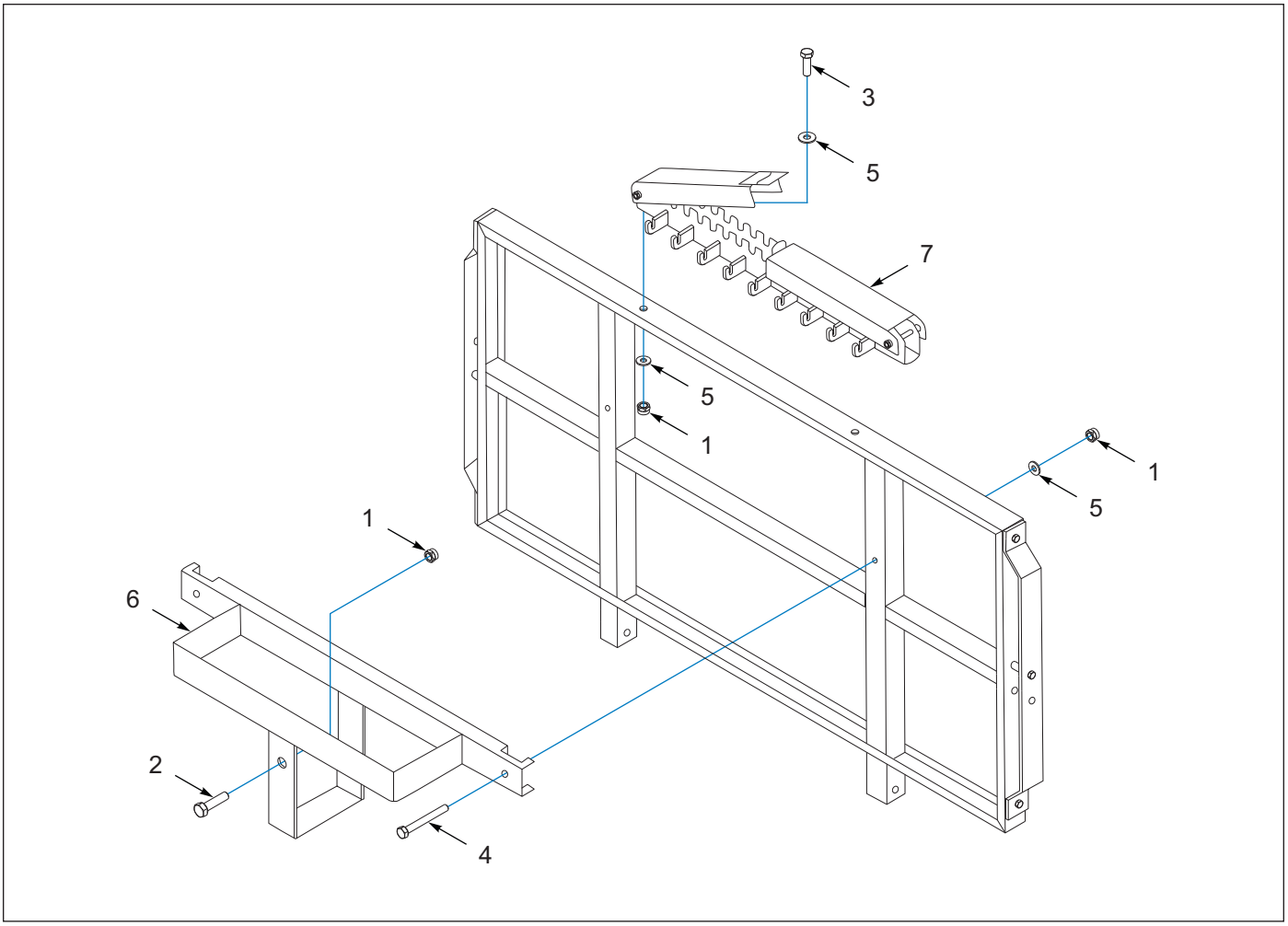


Figure 9-1: Storage, Bulkhead, Chain and Spare Tire (Option)

Storage, Bulkhead, Chain and Spare Tire (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	B7-141-003	CHAIN RACK INST **(INCLUDES ITEMS 1, 3, 5, 7)**	- -
	112986	RACK INSTL BHD BLK FRT MT 255 **(INCLUDES ITEMS 1, 2, 4-6)** **(TIRE SIZE 255/70R22.5)**	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB **(B7-141-003, REQ 2 EACH)** **(112986, REQ 3 EACH)**	- -
2	1-654-010055-01	SCR,HX CP 1/2-13UNCX1 GR5	1
3	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	2
4	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	2
5	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD **(B7-141-003, 4 EACH)** **(112986, REQ 2 EACH)**	- -
6	112987	RACK WLDMT,BHD MT/255/70R22.5	1
7	3-141-010008	CHAIN HANGER LOCKING CHANL WLD	1

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

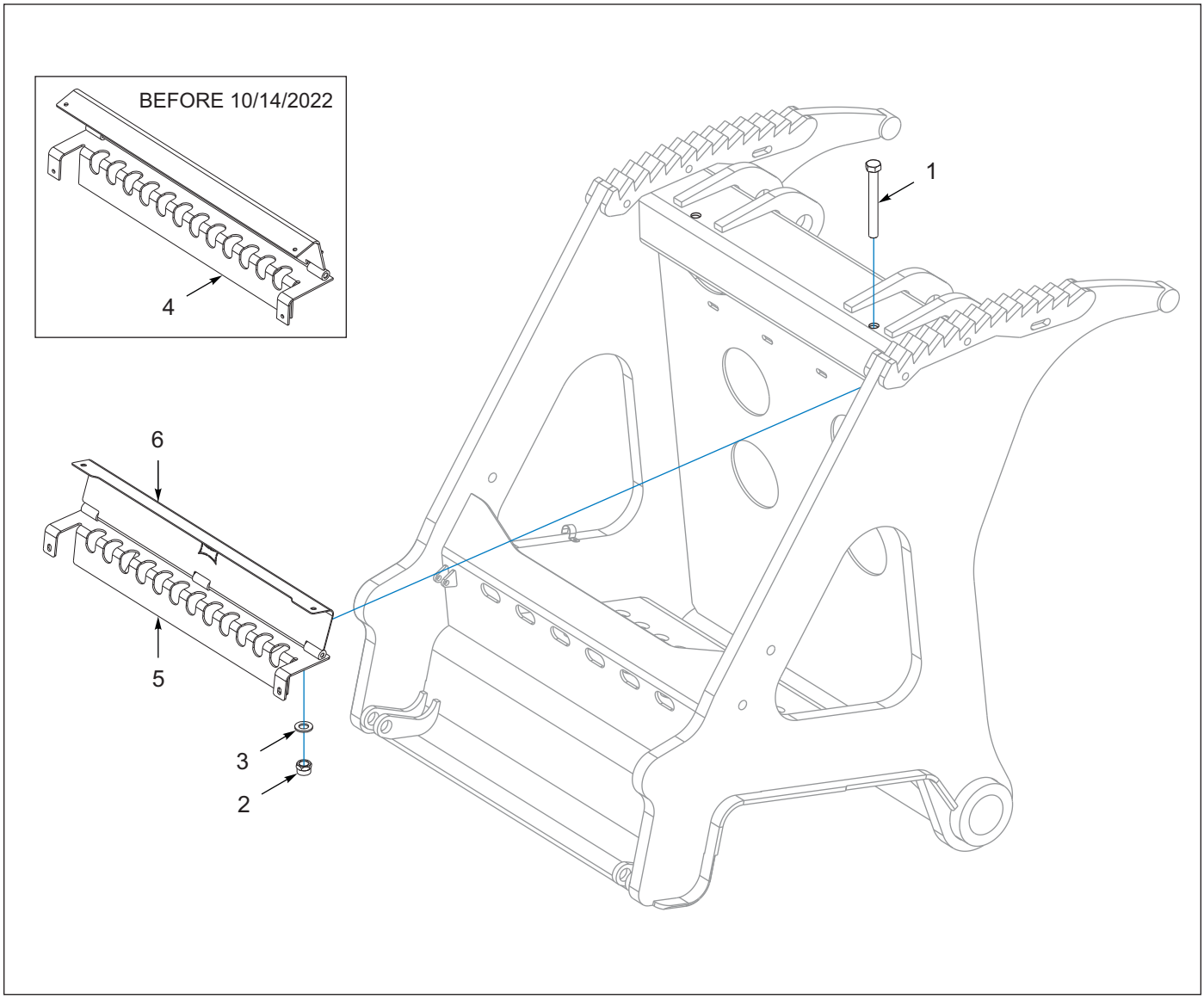


Figure 9-2: Storage, Gooseneck Carrier, Rack, Chain & Binder (Option)

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

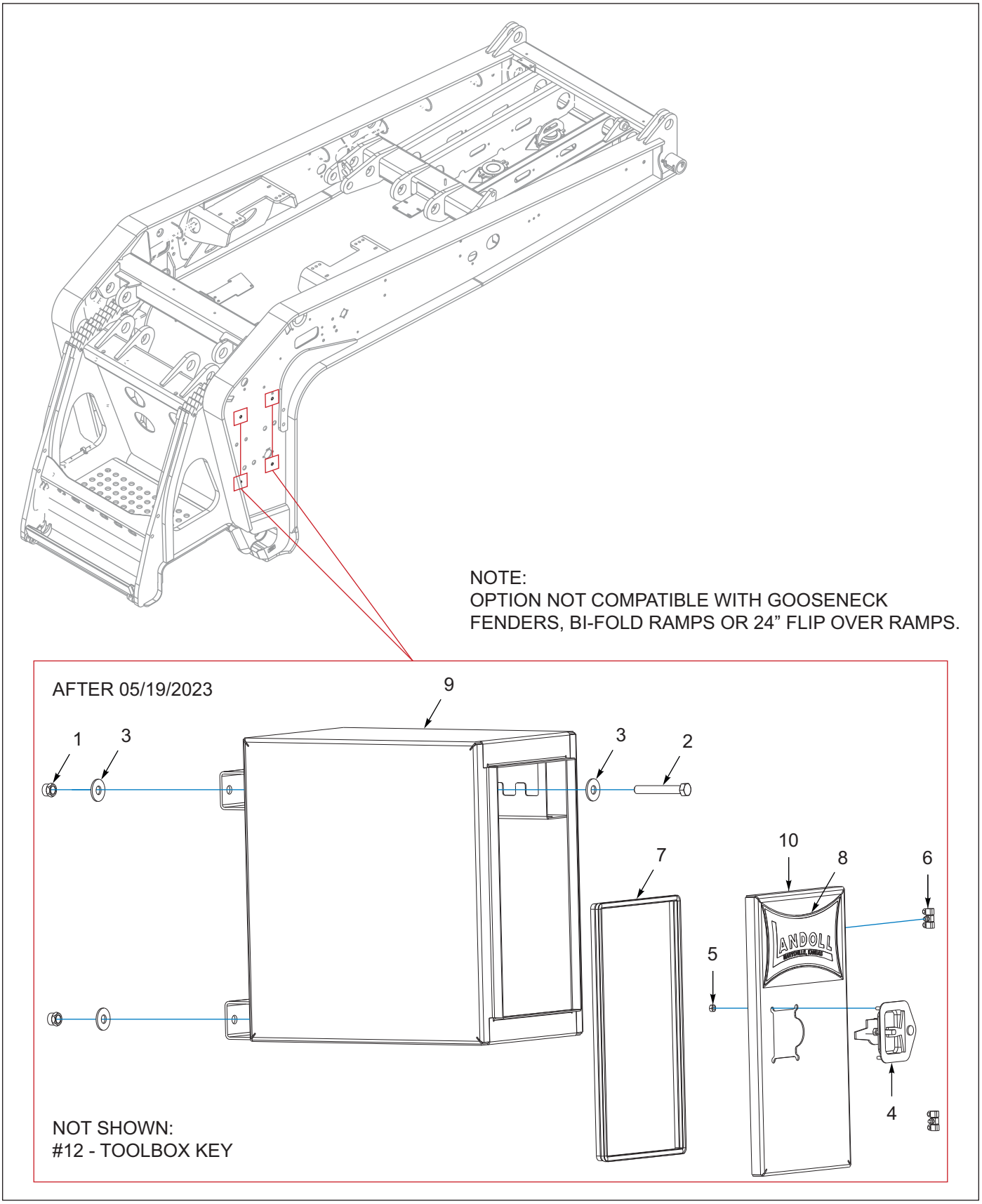


Figure 9-3: Storage, Gooseneck Toolbox, Curbside 24H X 22D X 14W (Option) (1 of 2)

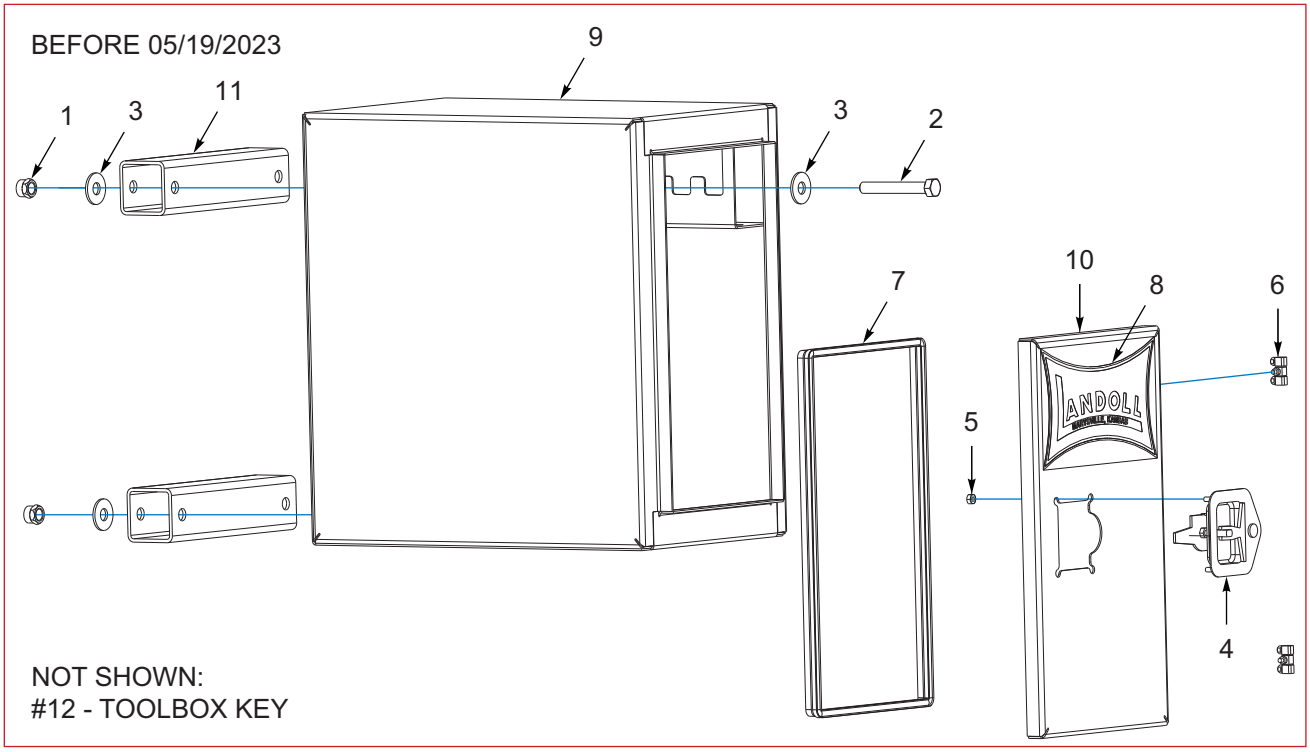


Figure 9-4: Storage, Gooseneck Toolbox, Curbside 24H X 22D X 14W (Option) (2 of 2)

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, Center Covers (Option)

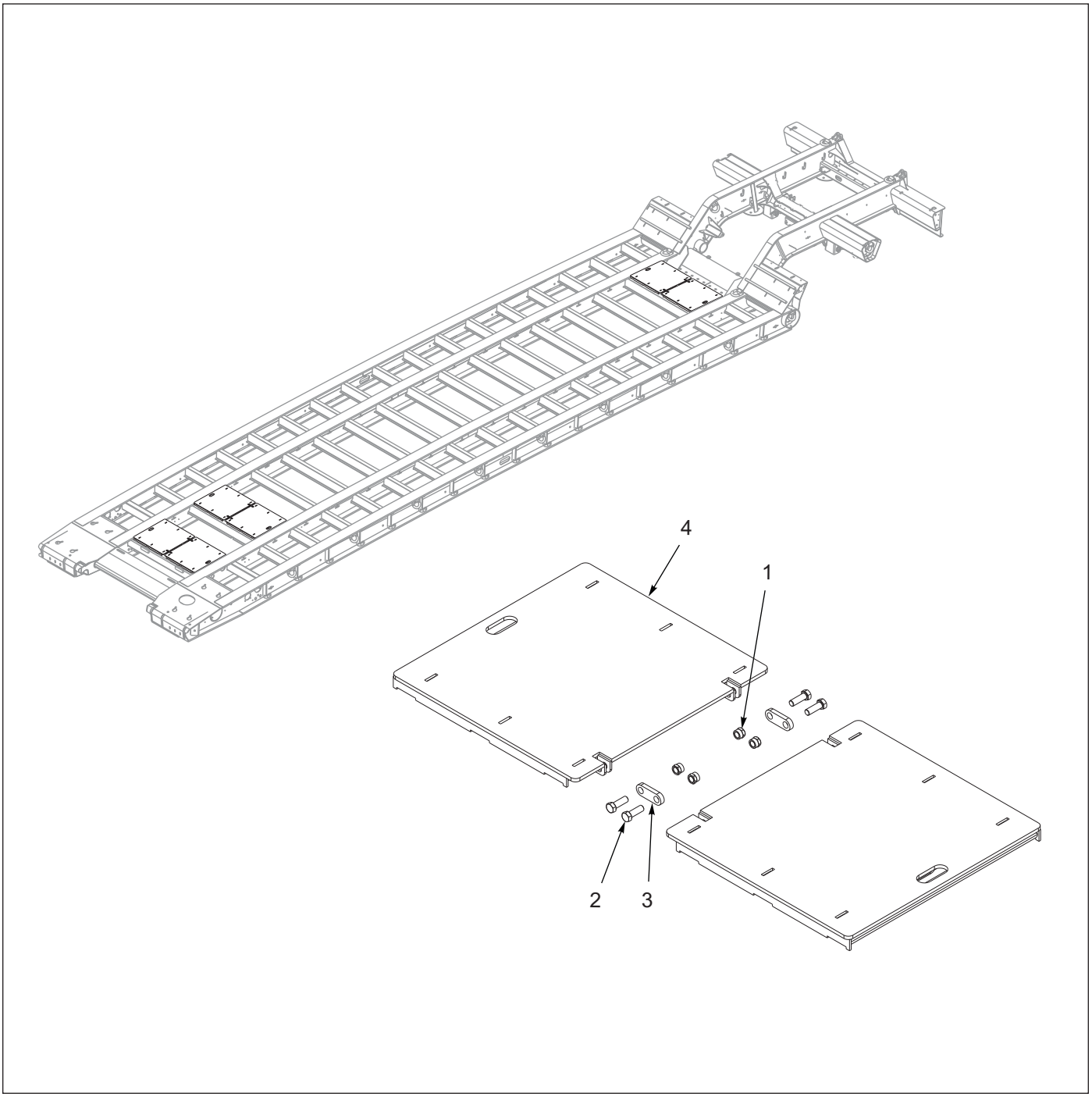


Figure 9-5: Storage, Frame, Center Covers (Option)

Storage, Frame, Center Covers (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	208402	LID ASSY CTR STORAGE 835	- -
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	191535	LINK DOUBLE HINGE	2
4	208403	LID WLDMT CTR DECK COMPART 835	2

Storage, Frame, Deck (Option)

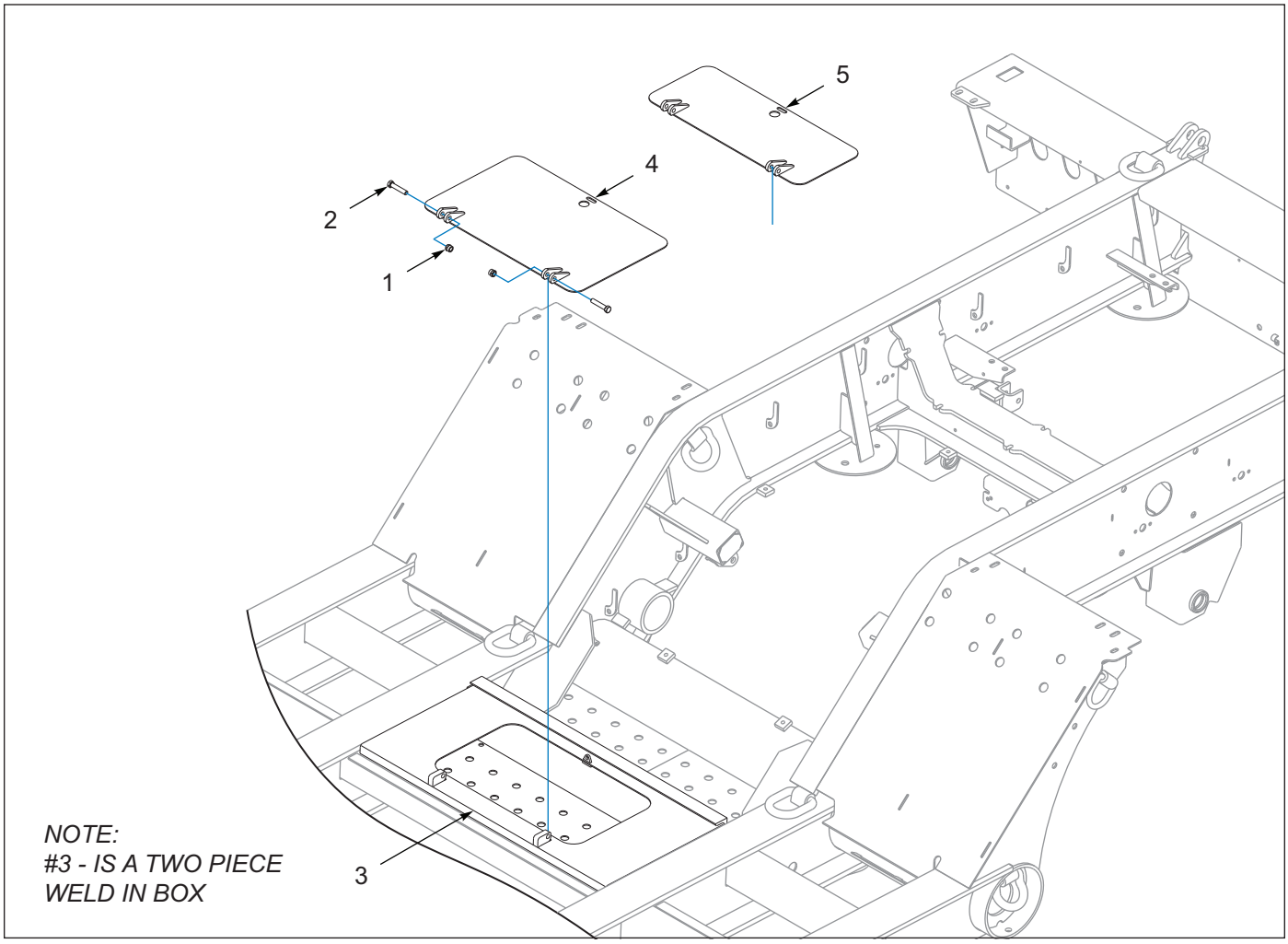


Figure 9-6: Storage, Frame Deck (Option)

Storage, Frame Deck (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	227861	GALV OF 227870 (STRG BOX) **(REF 1)** **(15" WIDE BOX, WO/GOTCHA)**	- -
	230125	GALV OF 230124 STORAGE BOX **(REF 2)** **(15" WIDE BOX, W/GOTCHA)**	- -
	227521	GALV OF 227519, FRAME STOR BOX **(REF 3)** **(9" WIDE BOX, WO/GOTCHA)**	- -
	225339	ASSY STORAGE BOX GALV **(REF 4)** **(9" WIDE BOX, W/GOTCHA)**	- -
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
2	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
3	227863	GALV OF 227862 (FR STRG BOX) **(MODEL REF 1)**	1
3	230121	GALV OF 230119 FRAME STRG BOX **(MODEL REF 2)**	1
3	227518	GALV OF 227516 FRAME STOR BOX **(MODEL REF 3)**	1
3	225336	GALV OF 225334 FRAME STOR BOX **(MODEL REF 4)**	1
4	232590	GALV OF 227868 STORAGE LID **(MODEL REF 1-2)**	1
5	232588	GALV OF 225333 STORAGE LID **(MODEL REF 3-4)**	1

Tie Down, D-Ring Bolt On (Options)

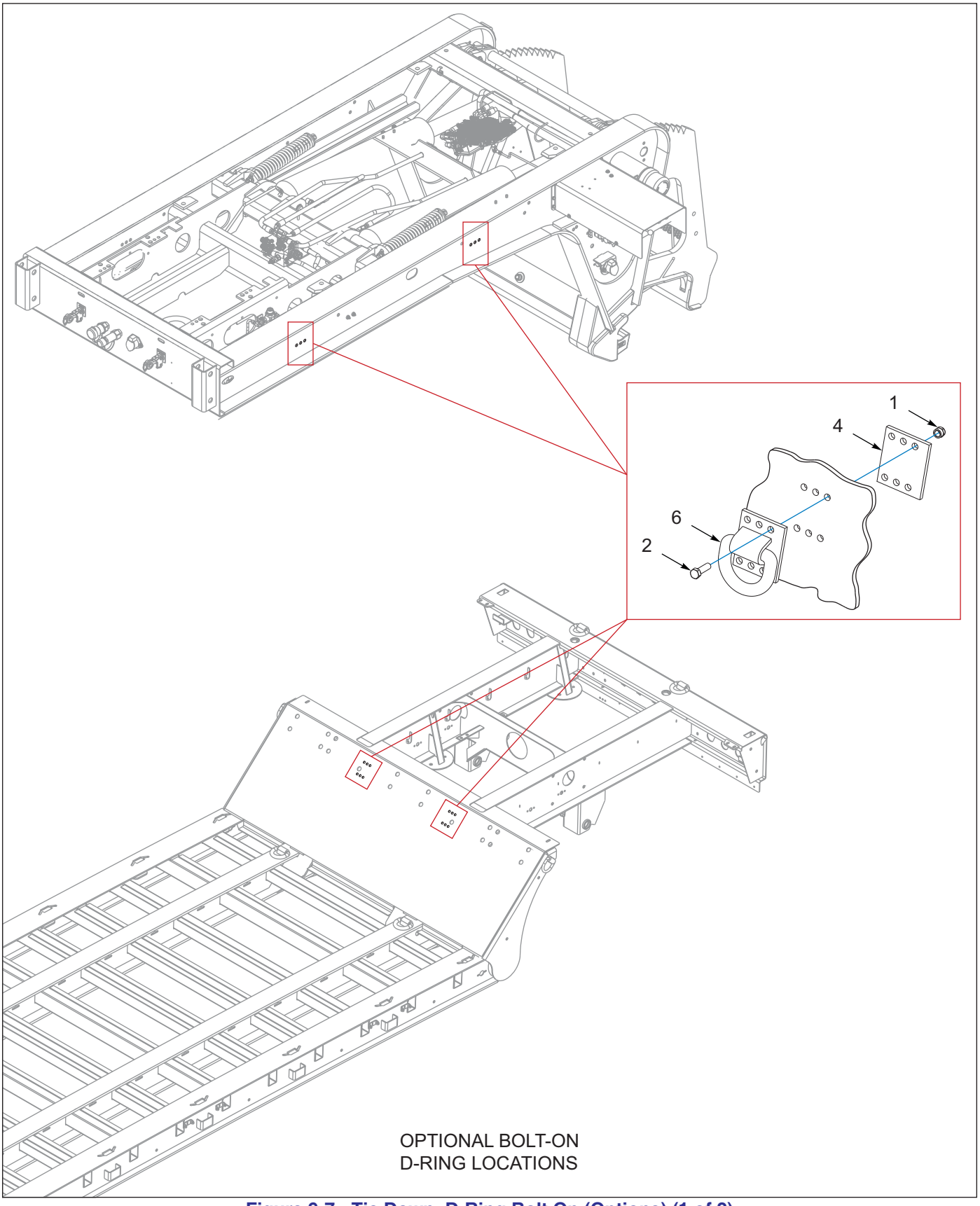


Figure 9-7: Tie Down, D-Ring Bolt On (Options) (1 of 2)

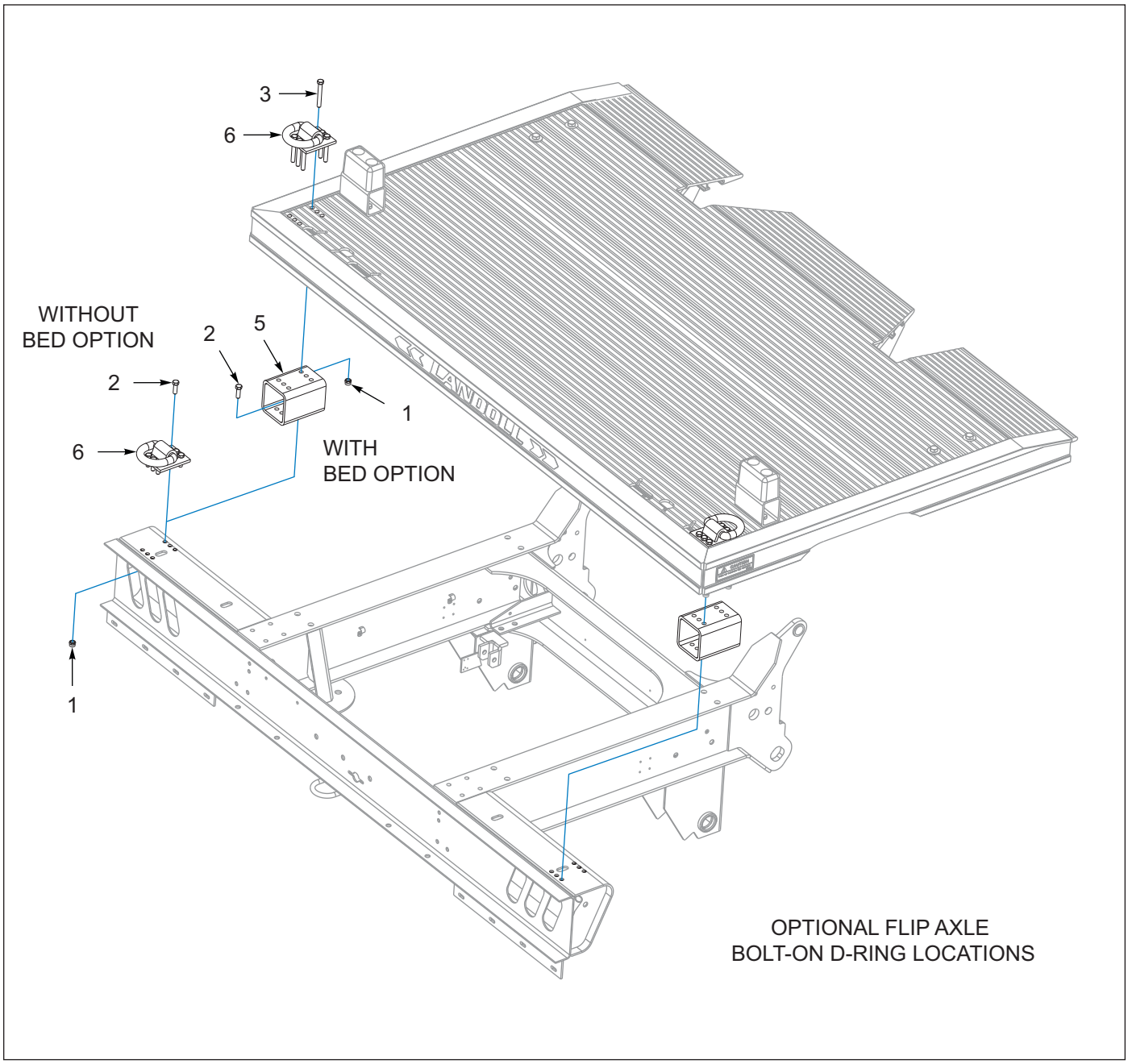


Figure 9-8: Tie Down, D-Ring Bolt On (Options) (2 of 2)

Tie Down, D-Ring Bolt On (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
	111390	D-RING ASSY BOLT-ON 825	- -
	226939	D-RING INSTL,BOLT-ON,FLIPW/BED	- -
	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	1-654-010055-12	SCREW,CP,HX .50-13UNCX3.75 GR5 **(FLIP AXLE BED ONLY)**	12
4	111382	MOUNT, TIE DOWN BLACK **(GOOSENECK AND FRAME ONLY)**	2
5	226938	SPACER,D-RING,FLIP W/BED **(FLIP AXLE BED ONLY)**	2
6	3-793-010040	TIE DOWN, WINCH	2

System, Air

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

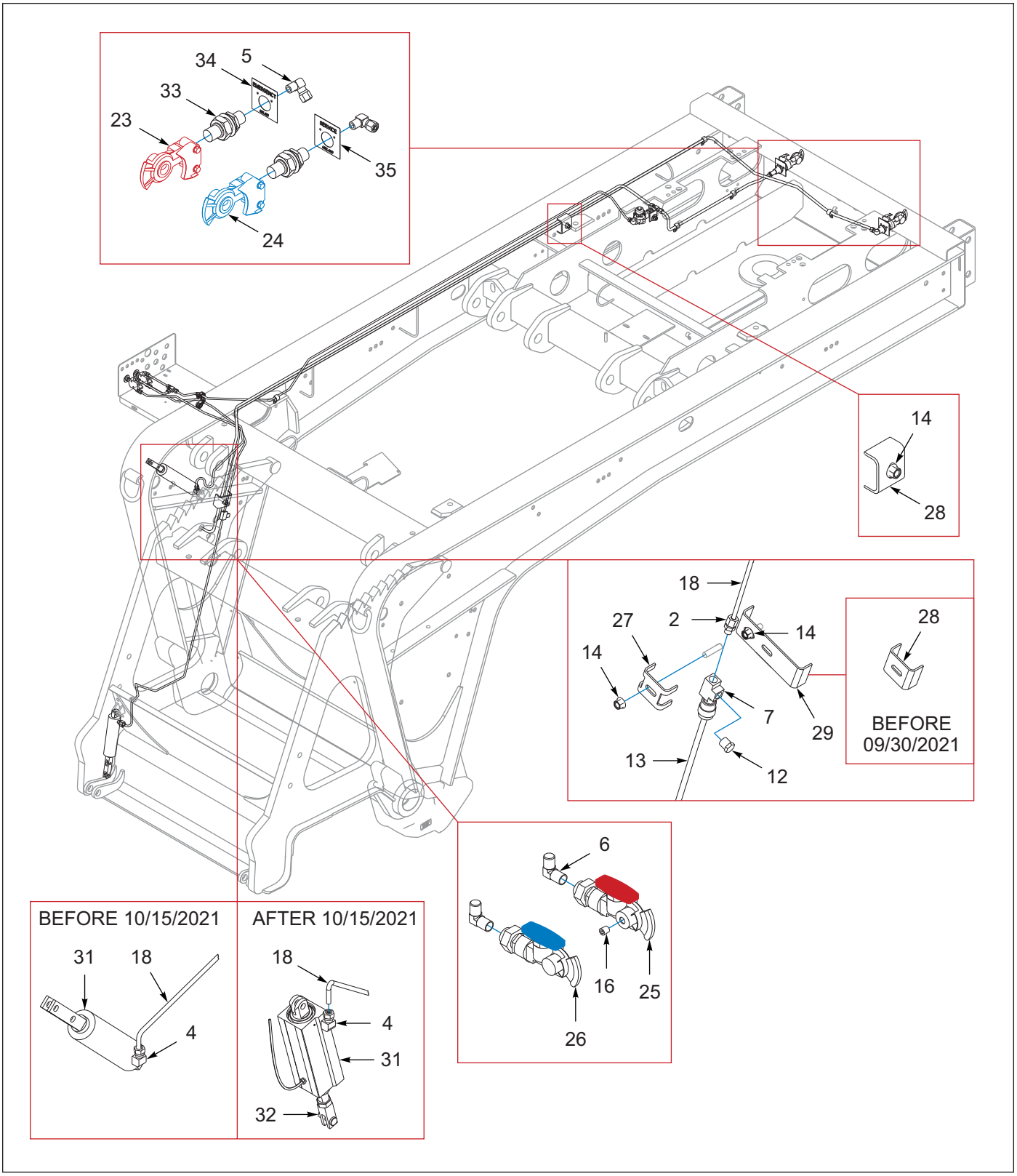


Figure 10-1: Gooseneck Assembly, 10' 9" & 12' Standard Duty (1 of 3)

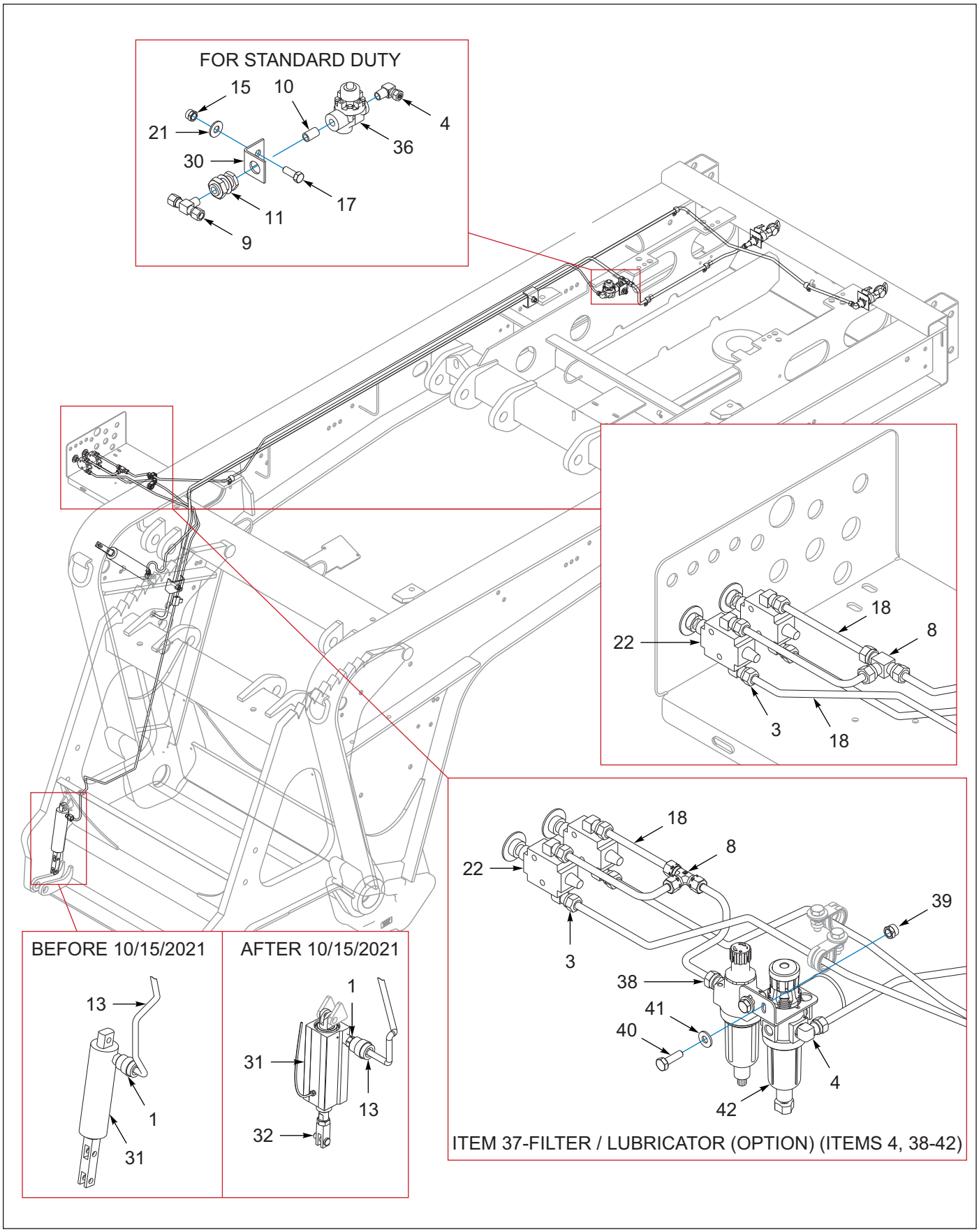


Figure 10-2: Gooseneck Assembly, 10' 9" & 12' Standard Duty (2 of 3)

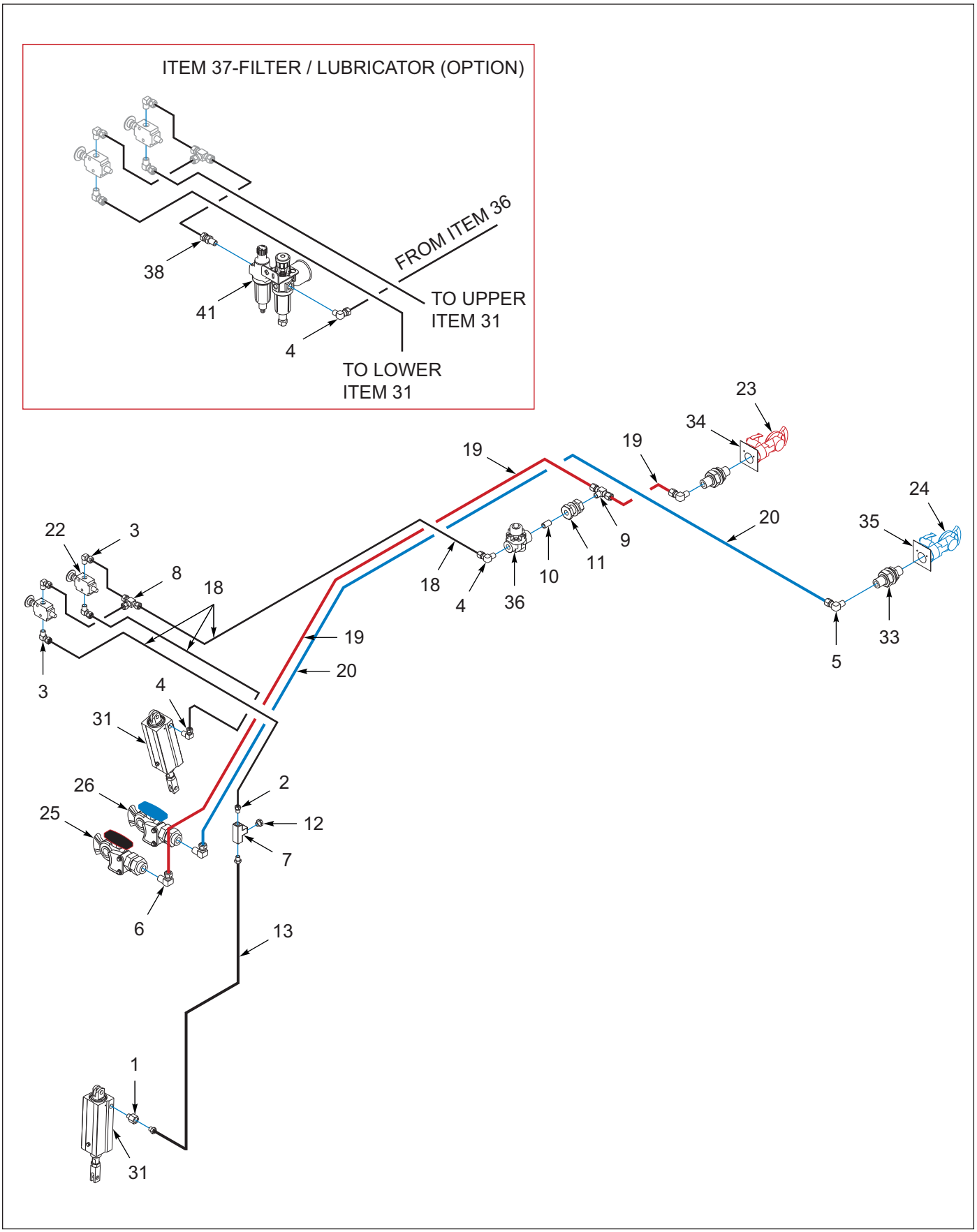


Figure 10-3: Gooseneck Assembly, 10' 9" & 12' Standard Duty (3 of 3)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	197600	GOOSENECK ASSY 835E-12' **(12')**	- -
	200002	GOOSENECK ASSY 835E 10'9" **(10' 9")**	- -
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 37 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	1-384-010038056	HOSE ASM AIR 3/8X56,W/3/8 END **(STANDARD DUTY)**	1
14	1-510-010001	NUT, 3/8-16 UNC FLANGE LOCK **(10' 9", REQ 2 EACH) (12', REQ 3 EACH)**	- -
15	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16 **(10' 9", REQ 3 EACH) (12', REQ 1 EACH)**	- -
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) (BY THE FOOT)**	11
19	184441	TUBING 3/8 RED **(BY THE FOOT) (BEFORE 02/17/2022)**	15
19	236560	TUBING AIR 1/2 RED **(BY THE FOOT) (AFTER 02/17/2022)**	15
20	184442	TUBING 3/8 BLUE **(BY THE FOOT) (BEFORE 02/17/2022)**	15
20	240051	TUBING AIR 1/2 BLUE **(BY THE FOOT) (AFTER 02/17/2022)**	15
21	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	1
22	107887	VALVE AIR PUSH BUTTON **(INCLUDES ITEM 213332)**	2
23	108801	GLAD HAND-RED-AIR **(INCLUDES SEAL 209133)**	1
24	108802	GLAD HAND-BLUE-AIR **(INCLUDES SEAL 209133)**	1
25	117838	GLAD HAND W/SHUTOFF EMERGENCY **(INCLUDES SEAL 209133)**	1
26	117839	GLAD HAND W/SHUTOFF SERVICE **(INCLUDES SEAL 209133)**	1
27	138814	HOSE CLAMP NOTCHED	1
28	2-181-010001	HOSE CLAMP **(BEFORE 09/30/2021, REQ 2 EACH)** **(AFTER 09/30/2021, CHANGED TO ITEM 29, 1 EACH)**	2
29	3-181-010006	HOSE CLAMP 350 **(AFTER 09/30/2021, REPLACED ITEM 28, 1 EACH)**	1
30	3-120-010445	BRACKET,PRESSURE REGULATOR660	1
31	3-238-010007	CYLINDER AIR 1-3/4 BORE **(BEFORE 10/15/2021)**	- -
31	235683	CYL AIR 1-3/4 BORE W ROD WIPER **(AFTER 10/15/2021)** **(INCLUDES ITEM 32, CLEVIS BRACKET, PIVOT & COTTER PIN)** **(CYLINDER COMPONENTS - SEE PAGE 10-81)**	2
32	239780	CLEVIS BRACKET AND PIN KIT **(AFTER 10/15/2021)** **(INCLUDED WITH ITEM 31) (PER CYLINDER)**	1

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

ITEM	PART NUMBER	DESCRIPTION	QTY
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
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, 12' Heavy Duty

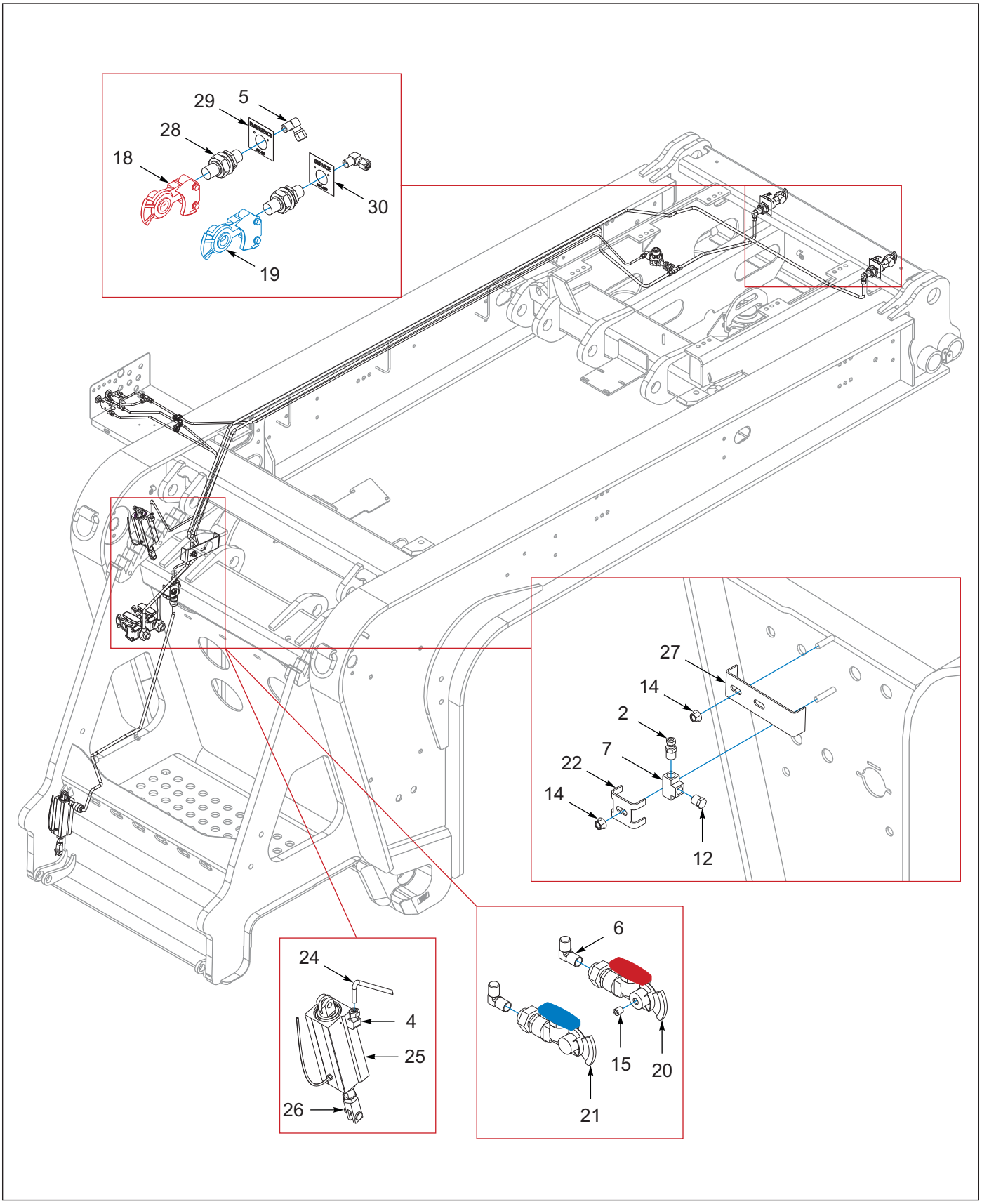


Figure 10-4: Gooseneck, 12' Heavy Duty (1 of 3)

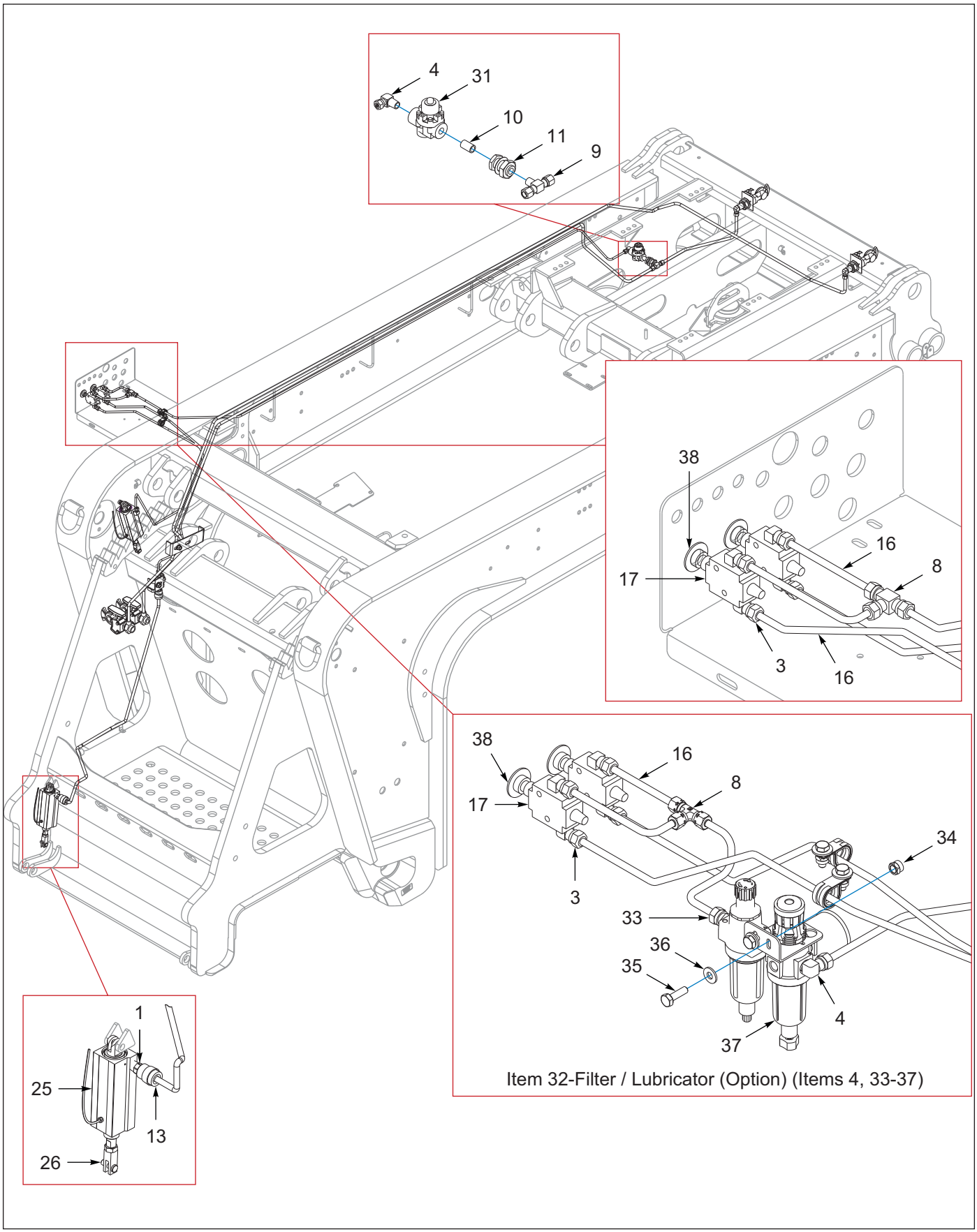


Figure 10-5: Gooseneck, 12' Heavy Duty (2 of 3)

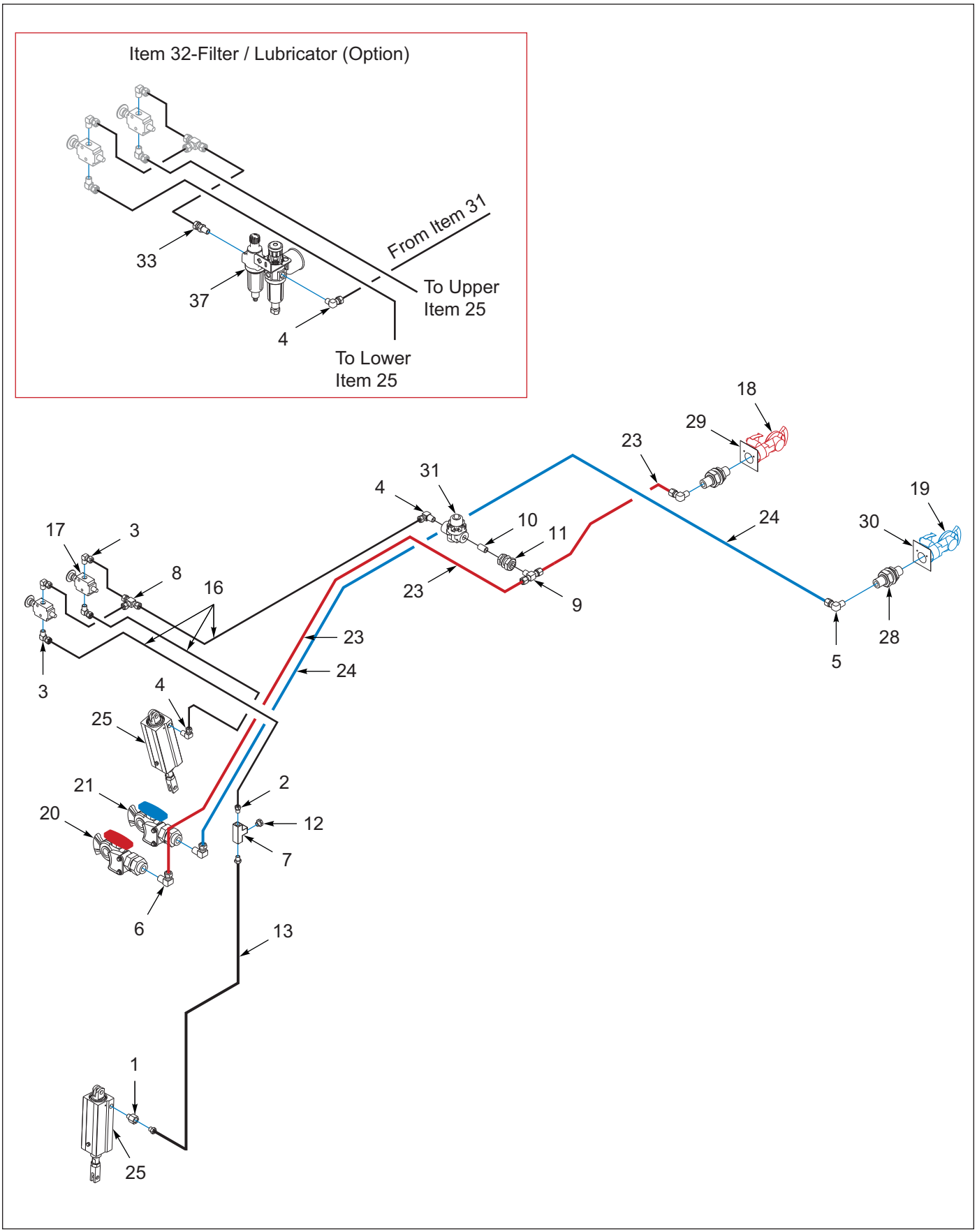


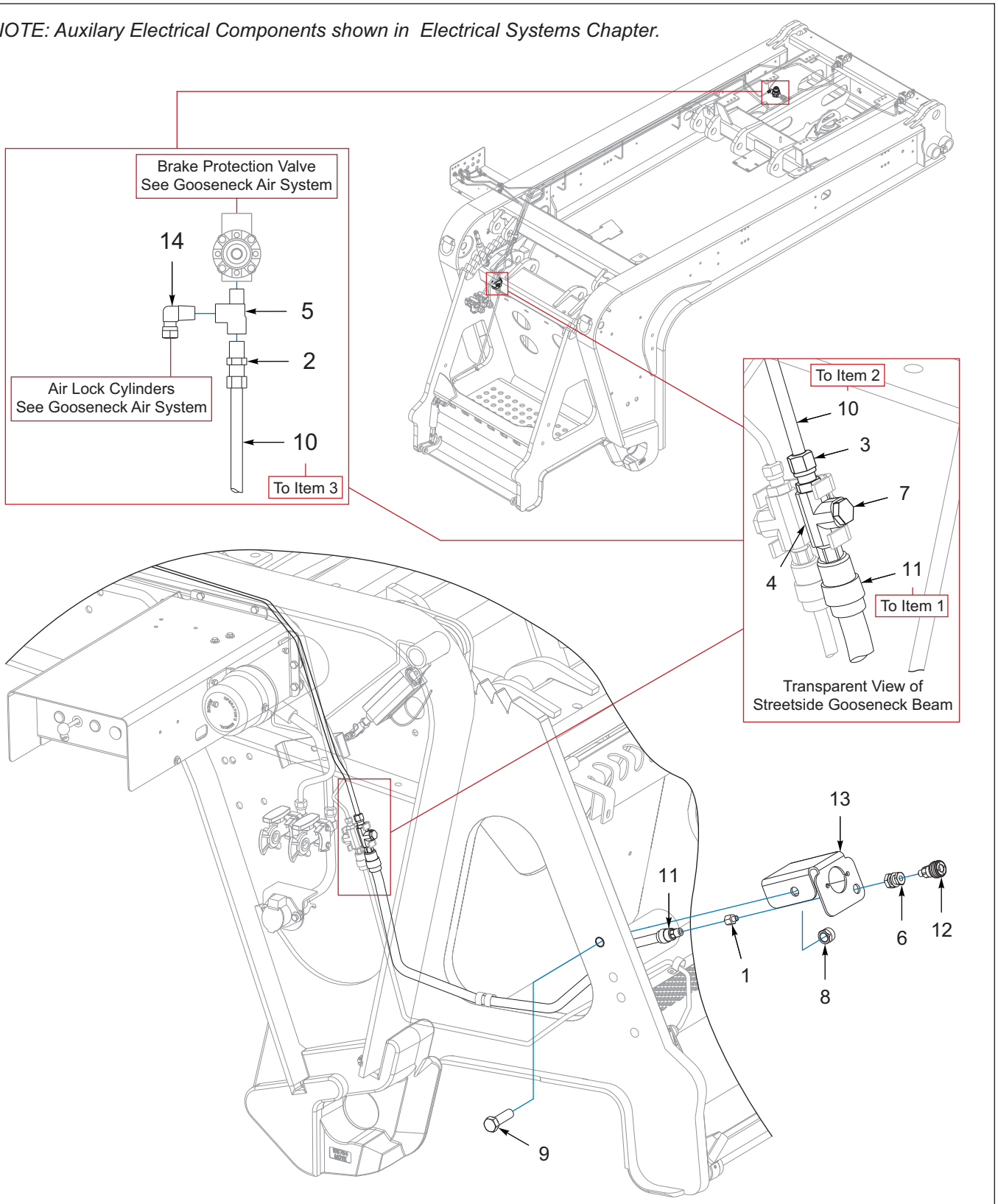
Figure 10-6: Gooseneck, 12' Heavy Duty (3 of 3)

Gooseneck, 12' Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY.
	196228	GOOSENECK ASSY 845HD-12' **(12' 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 32 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 FLANGE LOCK	2
15	1-560-010002-02	PLUG, PIPE, 1/4NPT	1
16	1-833-010001	TUBING NYLON 1/4 OD **(BLACK) (BY THE FOOT)**	11
17	107887	VALVE AIR PUSH BUTTON **(INCLUDES ITEM 38)**	2
18	108801	GLAD HAND-RED-AIR **(INCLUDES SEAL 209133)**	1
19	108802	GLAD HAND-BLUE-AIR **(INCLUDES SEAL 209133)**	1
20	117838	GLAD HAND W/SHUTOFF EMERGENCY **(INCLUDES SEAL 209133)**	1
21	117839	GLAD HAND W/SHUTOFF SERVICE **(INCLUDES SEAL 209133)**	1
22	138814	HOSE CLAMP NOTCHED	1
23	184441	TUBING 3/8 RED **(BY THE FOOT) (BEFORE 02/17/2022)**	15
23	236560	TUBING AIR 1/2 RED **(BY THE FOOT) (AFTER 02/17/2022)**	15
24	184442	TUBING 3/8 BLUE **(BY THE FOOT) (BEFORE 02/17/2022)**	15
24	240051	TUBING AIR 1/2 BLUE **(BY THE FOOT) (AFTER 02/17/2022)**	15
25	235683	CYL AIR 1-3/4 BORE W ROD WIPER **(INCLUDES ITEM 26, CLEVIS BRACKET, PIVOT & COTTER PIN)** **(CYLINDER COMPONENTS - SEE PAGE 10-81)**	2
26	239780	CLEVIS BRACKET AND PIN KIT **(PER CYLINDER)** **(INCLUDED WITH ITEM 25)**	1
27	3-181-010006	HOSE CLAMP 350	1
28	55B61	FRAME UNION	2
29	55B61-6	TAG EMER LINE VELVAC 035025	1
30	55B61-7	TAG SERVICE LINE VELVC 035026	1
31	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES FILTER 167692)**	1
32	226980	FILTER/REG/LUB,AIR,800 G/N F.I **(OPTION INCLUDES ITEMS 4, 33-37)**	1
33	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT **(INCLUDED WITH ITEM 32)**	1
34	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20 **(INCLUDED WITH ITEM 32)**	2
35	1-654-010047-05	SCREW, HX CP 1/4-20UNCx7/8 GR5 **(INCLUDED WITH ITEM 32)**	2
36	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD **(INCLUDED WITH ITEM 32)**	2
37	191578	FILTER/REG/LUB ASSY,ARCTIC KIT **(INCLUDED WITH ITEM 32)**	1
38	213332	PUSH BUTTON PNEUMATIC VALVE	1

Gooseneck, Load Carrier, Auxiliary Elect / Air (Option)

NOTE: Auxilary Electrical Components shown in Electrical Systems Chapter.



TRANSPARENT VIEW OF STREETSIDE GOOSENECK BEAM

Figure 10-7: Gooseneck, Load Carrier, Auxiliary Elect / Air (Option)

Gooseneck, Load Carrier, Auxiliary Elect / Air (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	242608	AUXILIARY ELECT AIR OUTLET G/N **(ELECTRICAL COMPONENTS - SEE PAGE 11-3)**	- -
1	1-297-010004-04	FITTING,BRS PIPE,ADPTR3/8X1/4	1
2	1-297-010007-11	FITTING,AIR,3/8TUBE TO 1/4NPT	1
3	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT	1
4	1-297-010009-03	FITTING,AIR,PIPE TEE 3/8	1
5	1-297-010018-02	FITTING 1/4,BRASS PIPE,ST TEE	1
6	1-297-010022-02	FITTING,AIR ANCHR CPLG,1/4NPT	1
7	1-297-010033-03	FITTING,BRASS PLUG HEX 3/8NPT	1
8	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	1
9	1-654-010061-07	SCREW,HX CP 3/4-10UNCX2-1/2G5	1
10	1-833-010002	TUBING NYLON 3/8 OD **(BLACK) (BY THE FOOT)**	8
11	101003	HOSE ASM AIR 3/8X48,W/3/8 END	1
12	133855	COUPLER AIR FEMALE 3/8X1/4MPT	1
13	242607	MOUNT AUX ELECT AIR OUTLET	1
14	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT	1

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

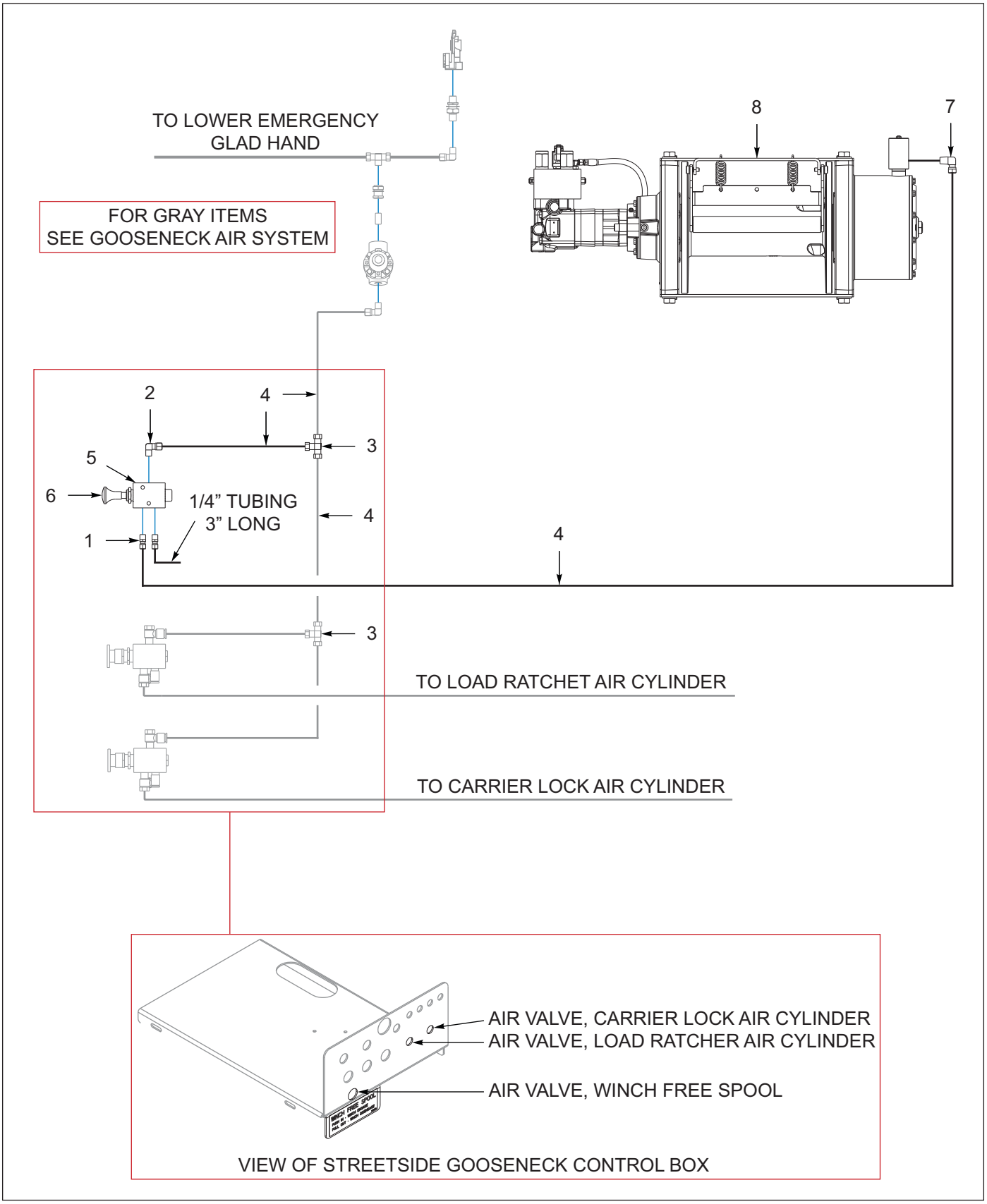


Figure 10-8: Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	245122	WINCH INSTL20K BRADEN E N/FL **(20K WO/ FLIP BRACKETS)**	- -
	245123	WINCH INSTL30K BRADEN E N/FL **(30K WO/ FLIP BRACKETS)**	- -
	245124	WINCH INSTL20K BRADEN E FLIP **(20K W/ FLIP BRACKETS)**	- -
	245125	WINCH INSTL30K BRADEN E FLIP **(30K W/ FLIP BRACKETS)**	- -
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 1-1)** **(ELECTRICAL SYSTEM - SEE PAGE 11-11)** **(HYDRAULIC SYSTEM - SEE PAGE 13-7)** **(WINCH MOUNTING - SEE PAGE 8-5)**	1
8	239745	WINCH 30K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-1)** **(ELECTRICAL SYSTEM - SEE PAGE 11-11)** **(HYDRAULIC SYSTEM - SEE PAGE 13-7)** **(WINCH MOUNTING - SEE PAGE 8-5)**	1

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

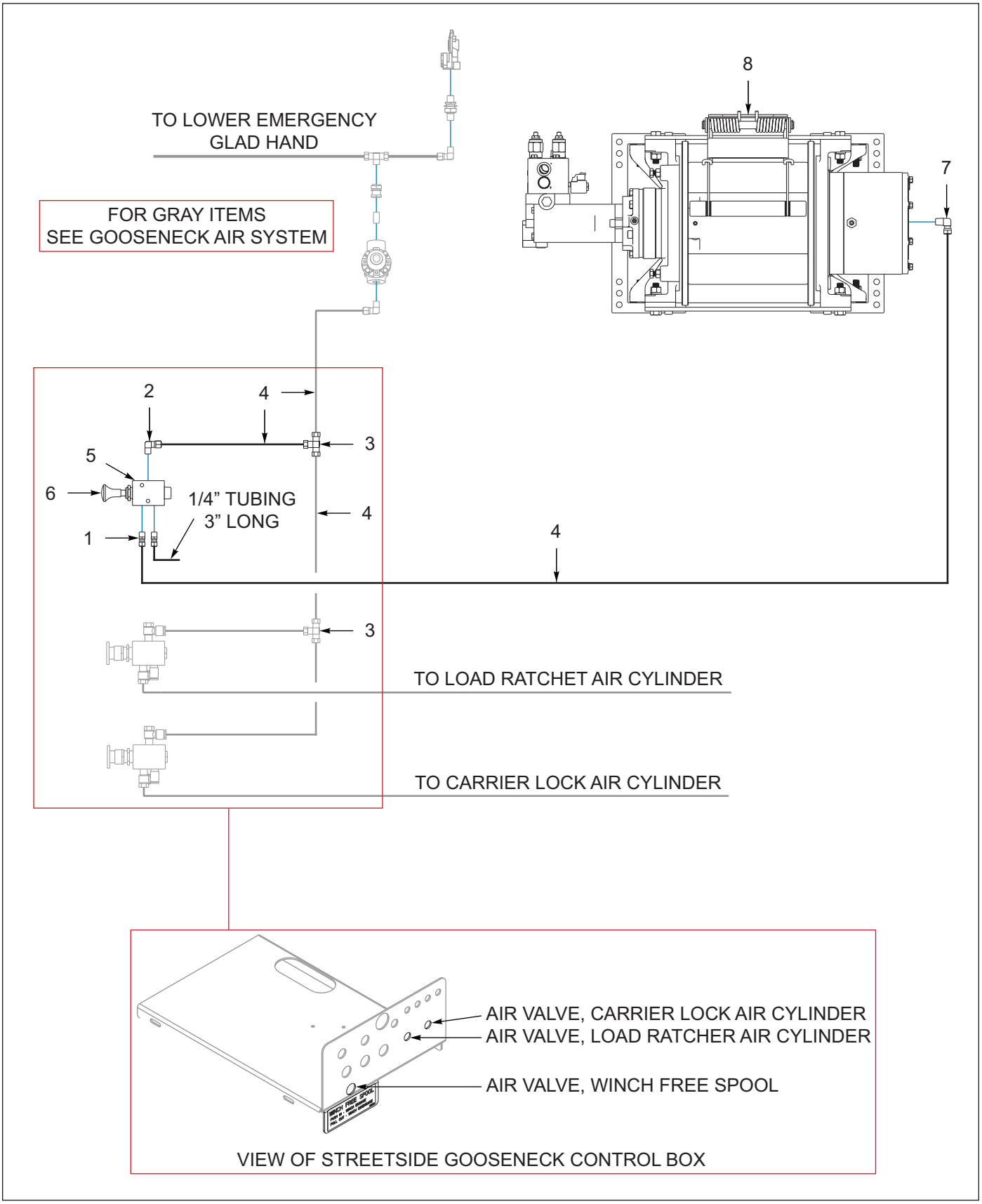


Figure 10-9: Gooseneck, Winch Installation, Ramsey 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	245537	WINCH INSTL 20K RAMSEY F N/FL **(20K WO/ FLIP BRACKETS)**	- -
	245538	WINCH INSTL 30K RAMSEY F N/FL **(30K WO/ FLIP BRACKETS)**	- -
	245539	WINCH INSTL 20K RAMSEY F FLIP **(20K W/ FLIP BRACKETS)**	- -
	245540	WINCH INSTL 30K RAMSEY F FLIP **(30K W/ FLIP BRACKETS)**	- -
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)**	17
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	240526	WINCH 20K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-1)** **(ELECTRICAL SYSTEM - SEE PAGE 11-13)** **(HYDRAULIC SYSTEM - SEE PAGE 13-9)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1
8	240528	WINCH 30K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-1)** **(ELECTRICAL SYSTEM - SEE PAGE 11-13)** **(HYDRAULIC SYSTEM - SEE PAGE 13-9)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1

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

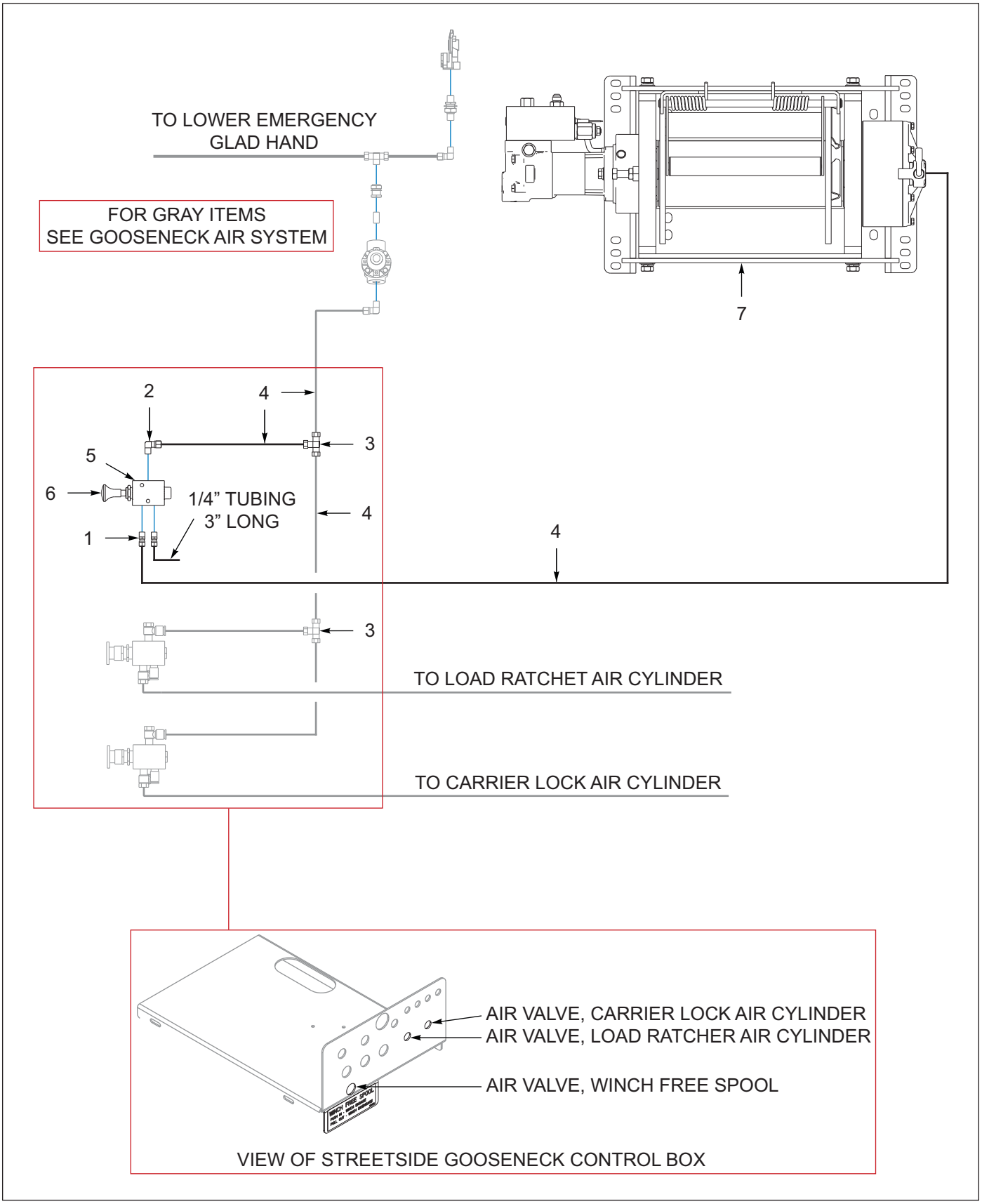


Figure 10-10: Gooseneck Winch, Warn 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	199217	WINCH INSTL20K WARN E-G/N N/FL **(20K)**	- -
	199218	WINCH INSTL30K WARN E-G/N N/FL **(30K)**	- -
	199707	WINCH ARC 20K WARN E-G/N N/FL **(20K ARCTIC)**	- -
	199708	WINCH ARC 30KWARN E-G/N N/FL **(30K ARCTIC)**	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	2
1	126862	FTG,COMPRESS,STR 1/4TX1/4NPT **(ARCTIC)**	2
2	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT	1
2	126677	FTG,COMPRESS, 90 1/4TX1/4NPT **(ARCTIC)**	1
3	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	1
3	126680	FTG,CMPRS,TEE1/4TX1/4TX1/4NPT **(ARCTIC)**	1
4	1-833-010001	TUBING NYLON 1/4 OD **(BLACK) (BY THE FOOT)**	17
4	126629	TUBING,NYLON 1/4 BLACK **(BY THE FOOT) (ARCTIC)**	17
5	134657	VALVE AIR 3WAY/2POS 1/4NPT	1
6	201635	KNOB FOR 3WAY/2POS AIR VALVE	1
7	204959	WINCH ASSY WARN 20K 800 **(20K** **(DECALS - SEE PAGE 1-1)** **(ELECTRICAL SYSTEM - SEE PAGE 11-15)** **(HYDRAULIC SYSTEM - SEE PAGE 13-11)** **(WINCH MOUNTING - SEE PAGE 8-9)**	1
7	204958	WINCH ASSY WARN 30K 800 **(30K)** **(DECALS - SEE PAGE 1-1)** **(ELECTRICAL SYSTEM - SEE PAGE 11-15)** **(HYDRAULIC SYSTEM - SEE PAGE 13-11)** **(WINCH MOUNTING - SEE PAGE 8-9)**	1

Anti-Lock Brakes, 825AG 2 Axle

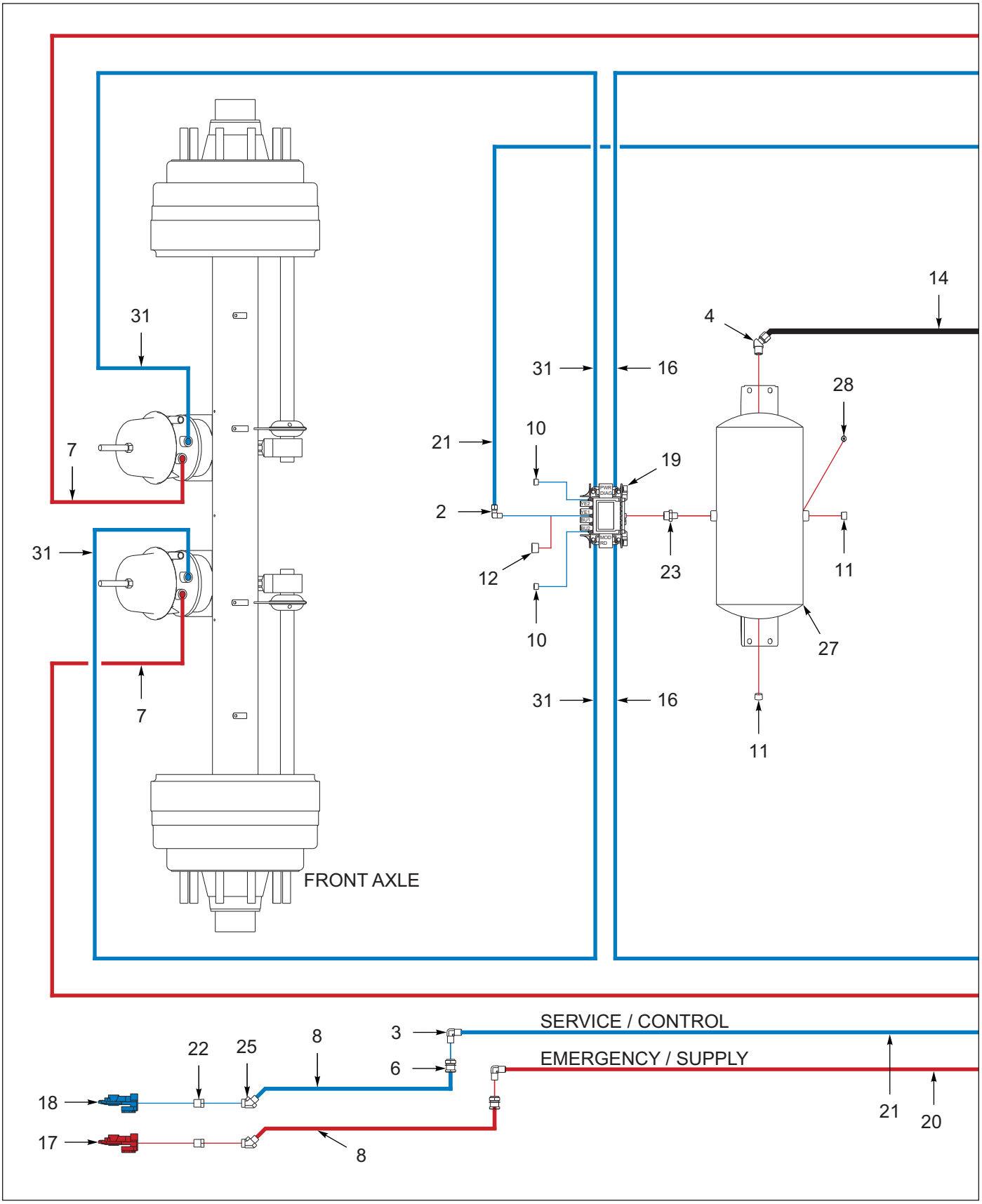


Figure 10-11: Anti-Lock Brakes, 825AG 2 Axle (1of 3)

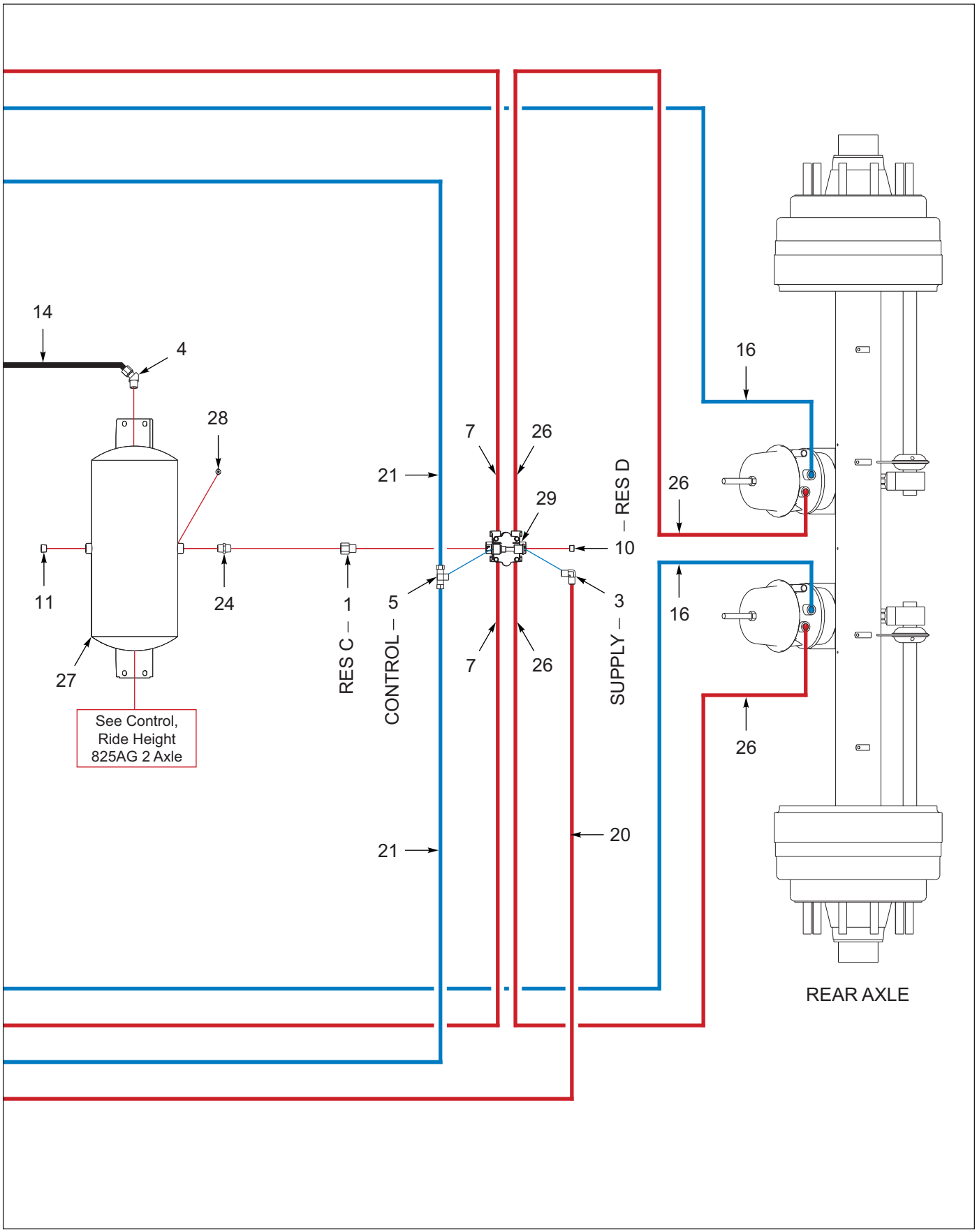
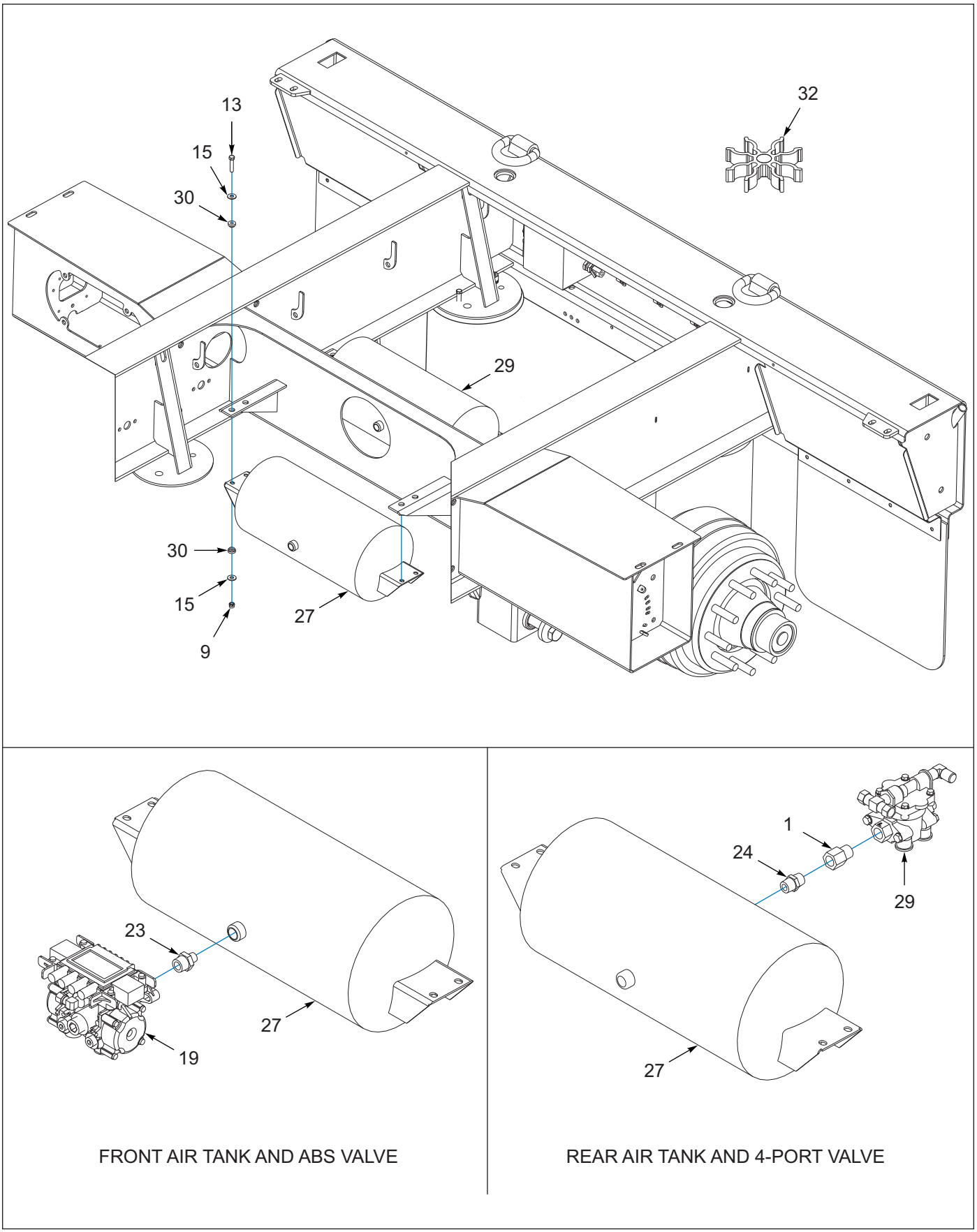


Figure 10-12: Anti-Lock Brakes, 825AG 2 Axle (2 of 3)



FRONT AIR TANK AND ABS VALVE

REAR AIR TANK AND 4-PORT VALVE

Figure 10-13: Anti-Lock Brakes, 825AG 2 Axle (3 of 3)

Anti-Lock Brakes, 825AG 2 Axle

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
1	1-297-010004-07	FITTING,BRS PIPE,ADPTR1/2X1/2	1
2	1-297-010008-18	FITTING,AIR 90 3/8TUBEX1/4NPT	1
3	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	3
4	1-297-010013-16	FITTING,AIR 1/2X1/2 45 M/ELB	2
5	1-297-010015-07	FITTING,AIR,BR TEE 3/8T-3/8P	1
6	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT	2
7	1-384-010038060	HOSE ASM AIR 3/8X60,W/3/8 END	2
8	1-384-010038084	HOSE ASM AIR 3/8X84,W/3/8 END	2
9	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	8
10	1-560-010002-03	PLUG, PIPE, 3/8NPTF	3
11	1-560-010002-04	PLUG, PIPE, 1/2NPT	3
12	1-560-010002-05	PLUG,PIPE, 3/4-14NPTF	1
13	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	8
14	1-833-010003	TUBING NYLON 1/2 OD **(BLACK) (BY THE FOOT)**	14
15	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	16
16	101003	HOSE ASM AIR 3/8X48,W/3/8 END	2
17	108801	GLAD HAND-RED-AIR **(INCLUDES SEAL 209133)**	1
18	108802	GLAD HAND-BLUE-AIR **(INCLUDES SEAL 209133)**	1
19	114588	ECU/VALVE ASSEMBLY 4S/2M **(INCLUDED WITH ABS KIT - SEE PAGE 11-45)**	1
20	184441	TUBING 3/8 RED **(BY THE FOOT)**	45
21	184442	TUBING 3/8 BLUE **(BY THE FOOT)**	62
22	2081-8-6S	REDUCER 1/2NPT X 3/8NPT	2
23	2083-12-8S	NIPPLE 3/4NPTX1/2NPT	1
24	2083-8-8S	NIPPLE 1/2NPTX1/2NPT	1
25	2088-6-6S	ADAPTER 45 3/8MPTX3/8FPT	2
26	1-384-010038024	HOSE ASM AIR 3/8X24,W/3/8 END	2
27	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS	2
28	56D4	COCK,DRAIN AIR TANK VEL036019	2
29	758-181	VALVE TASK 4 PORT	1
30	805-2	BUSHINGS, STEP	16
31	3-384-010020	HOSE AIR 3/8X32 .38NPT ENDS	2
32	248263	CLIP,4WAY ABS SENSR WIRE3/8HOS **(AFTER 10/31/2023)**	4

Anti-Lock Brakes, 835 / 845AG 2 Axle

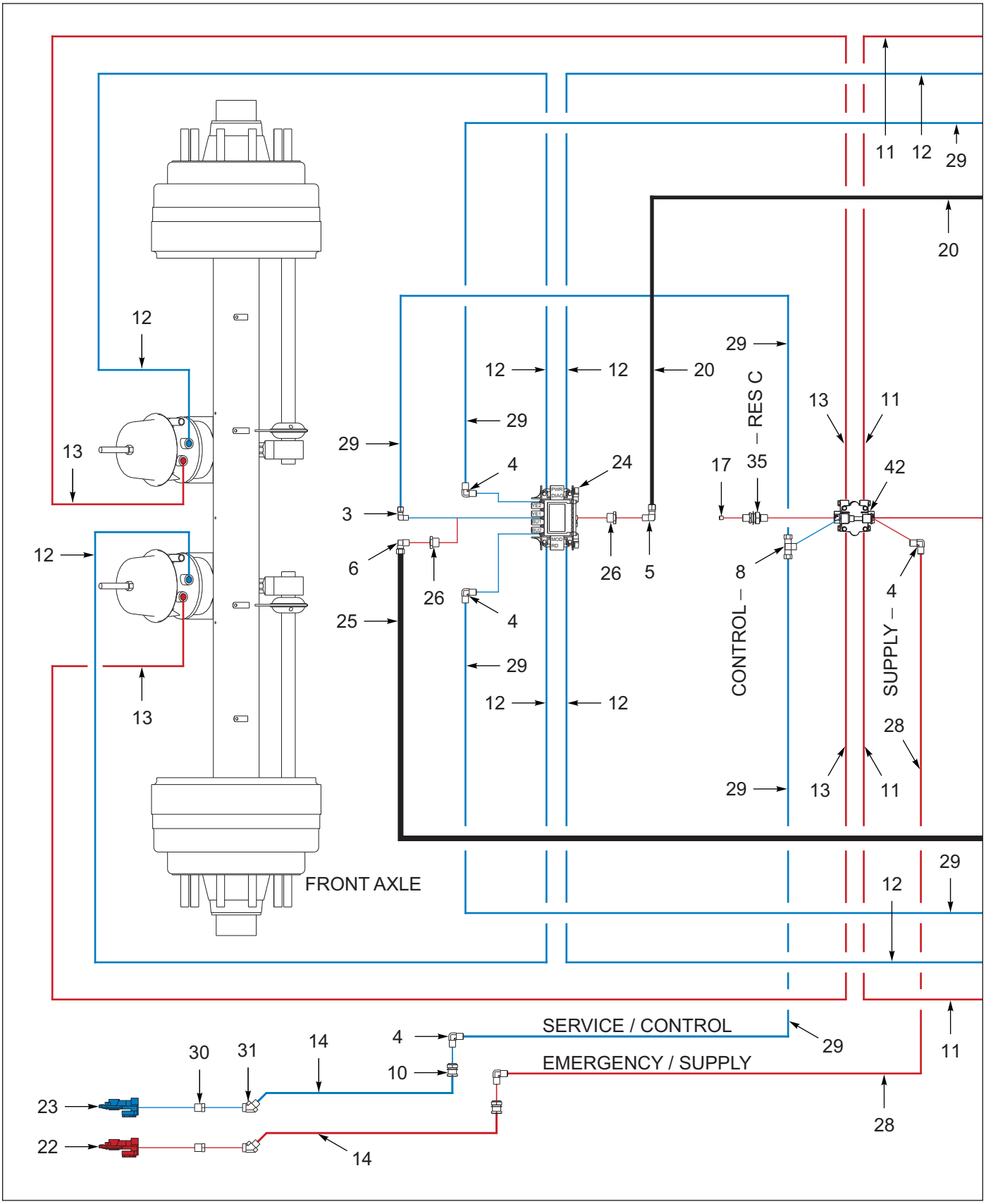


Figure 10-14: Anti-Lock Brakes, 835 / 845AG 2 Axle (1 of 3)

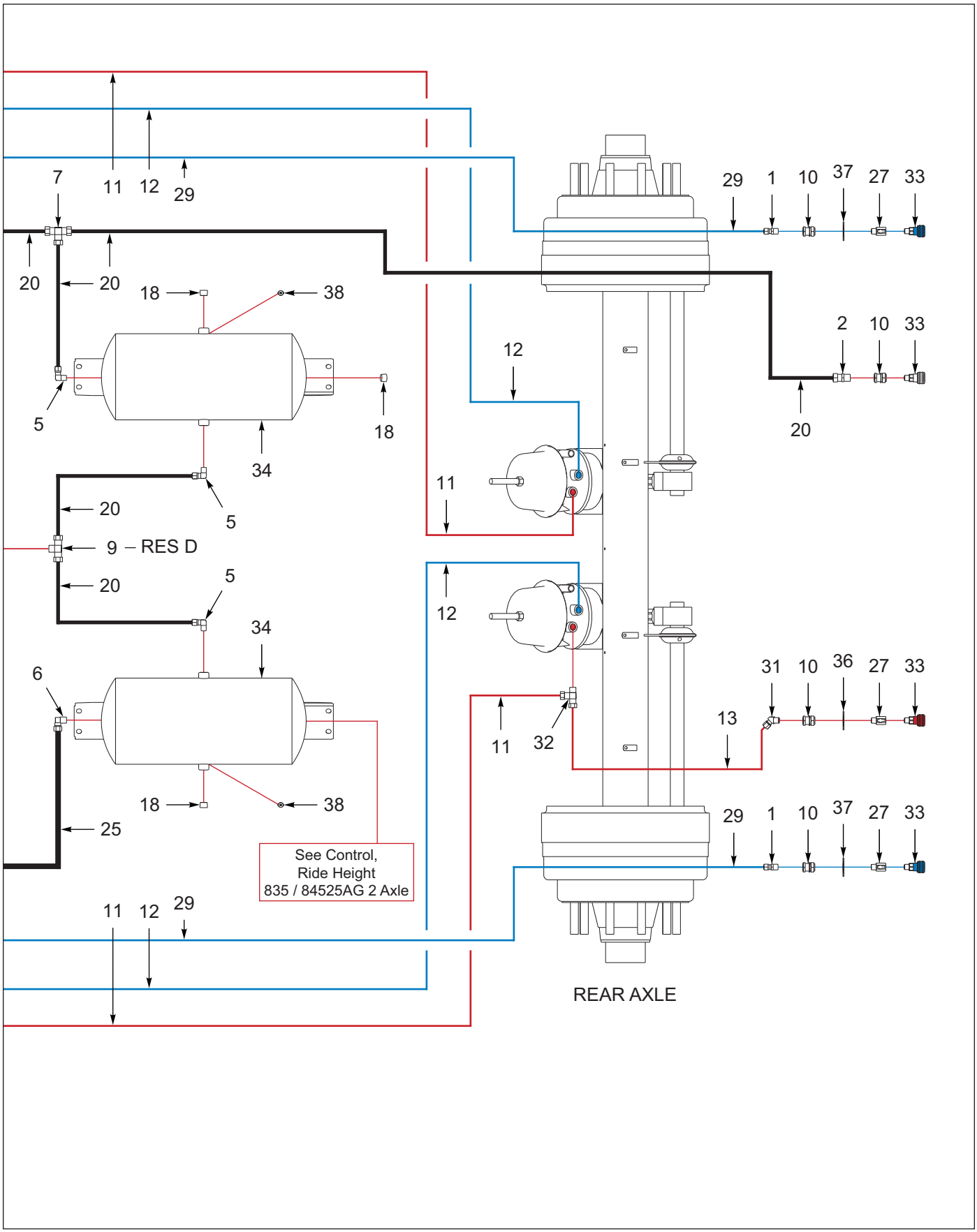


Figure 10-15: Anti-Lock Brakes, 835 / 845AG 2 Axle (2 of 3)

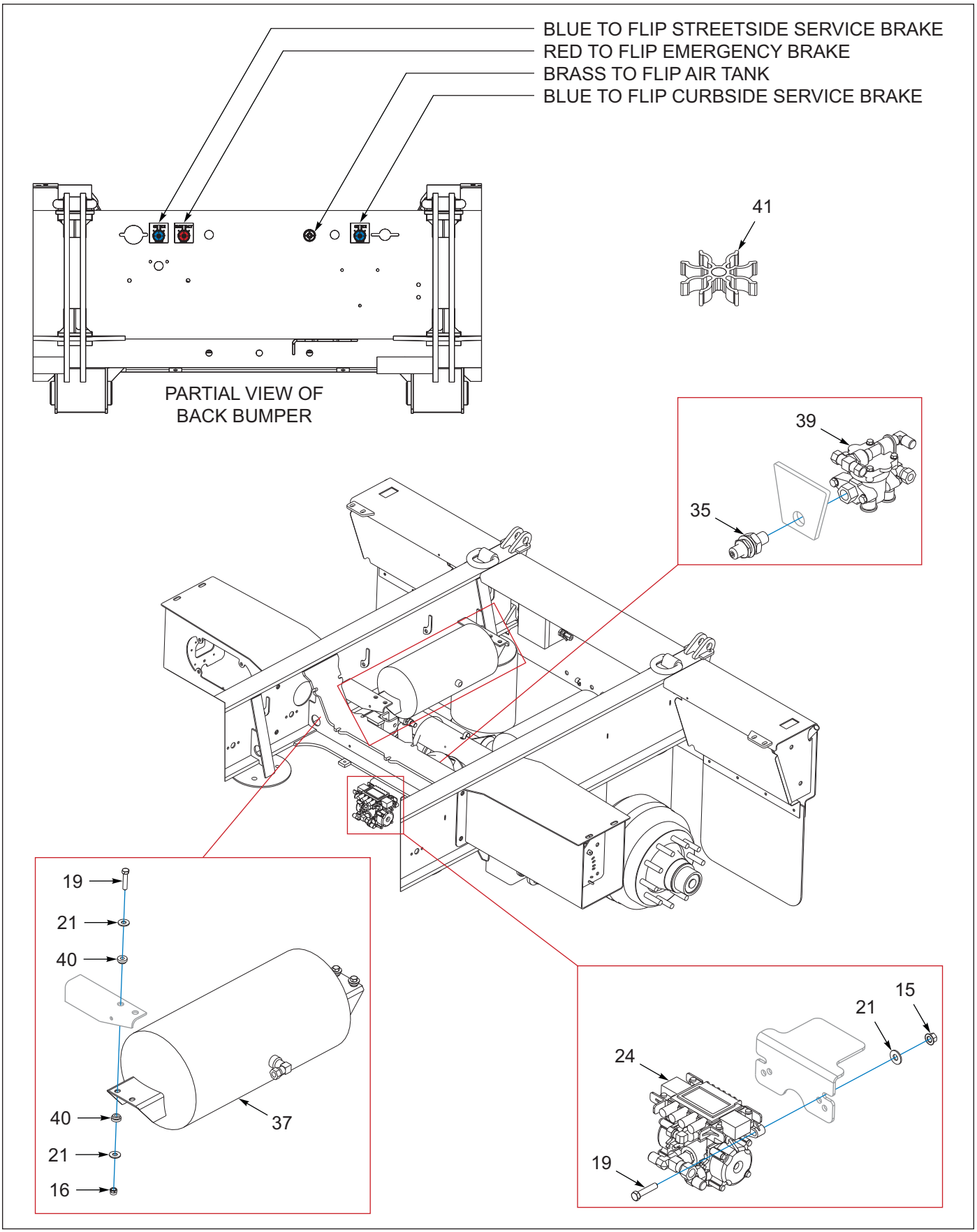


Figure 10-16: Anti-Lock Brakes, 835 / 845AG 2 Axle (3 of 3)

Anti-Lock Brakes, 835 / 845AG 2 Axle

ITEM	PART NUMBER	DESCRIPTION	QTY
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
	232229	FRAME ASSY 845F-32 2AX50	- -
1	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT	2
2	1-297-010007-15	FITTING AIR 1/2 TUBE X 3/8NPT	1
3	1-297-010008-18	FITTING,AIR 90 3/8TUBEX1/4NPT	1
4	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	5
5	1-297-010008-24	FITTING,AIR 90 1/2TUBEX1/2NPT	4
6	1-297-010008-26	FITTING AIR 5/8TUBE X1/2NPT90	2
7	1-297-010010-06	FITTING,AIR UNION TEE 1/2	1
8	1-297-010015-07	FITTING,AIR,BR TEE 3/8T-3/8P	1
9	1-297-010015-10	FITTING,AIR,BR TEE 1/2T-3/8P	1
10	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT	6
11	1-384-010038024	HOSE ASM AIR 3/8X24,W/3/8 END	2
12	1-384-010038038	HOSE ASM AIR 3/8X38,W/3/8 END	4
13	1-384-010038054	HOSE ASM AIR 3/8X54,W/3/8 END	3
14	1-384-010038084	HOSE ASM AIR 3/8X84,W/3/8 END	2
15	1-510-010001	NUT, 3/8-16 UNC FLANGE LOCK	2
16	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	8
17	1-560-010002-02	PLUG, PIPE, 1/4NPT	1
18	1-560-010002-04	PLUG, PIPE, 1/2NPT	3
19	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	10
20	1-833-010003	TUBING NYLON 1/2 OD **(BLACK) (BY THE FOOT)**	14
21	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	18
22	108801	GLAD HAND-RED-AIR **(INCLUDES SEAL 209133)**	1
23	108802	GLAD HAND-BLUE-AIR **(INCLUDES SEAL 209133)**	1
24	114588	ECU/VALVE ASSEMBLY 4S/2M **(INCLUDED WITH ABS KIT - SEE PAGE 11-45)**	1
25	117304	TUBING NYLON 5/8 **(BY THE FOOT)**	3
26	118-2659-9	BUSHING 1/2NPTX3/4NPT STL	2
27	163578	VALVE MINI BALL AIR 3/8NPT	3
28	184441	TUBING 3/8 RED **(BY THE FOOT)**	42
29	184442	TUBING 3/8 BLUE **(BY THE FOOT)**	59
30	2081-8-6S	REDUCER 1/2NPT X 3/8NPT	2
31	2088-6-6S	ADAPTER 45 3/8MPTX3/8FPT	3
32	2092-6-6S	TEE,#6NPT,1MALE, 2 FEMALE	1
33	3-220-010004	COUPLER AIR FEMALE 3/8-18MPT **(UNPAINTED)**	4
34	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS	2
35	55B61	FRAME UNION	1
36	55B61-6	TAG EMER LINE VELVAC 035025	1
37	55B61-7	TAG SERVICE LINE VELVC 035026	2
38	56D4	COCK,DRAIN AIR TANK VEL036019	2
39	758-181	VALVE TASK 4 PORT	1
40	805-2	BUSHINGS, STEP	16
41	248263	CLIP,4WAY ABS SENSR WIRE3/8HOS **(AFTER 10/31/2023)**	4

Anti-Lock Brakes, 845AG 3 Axle

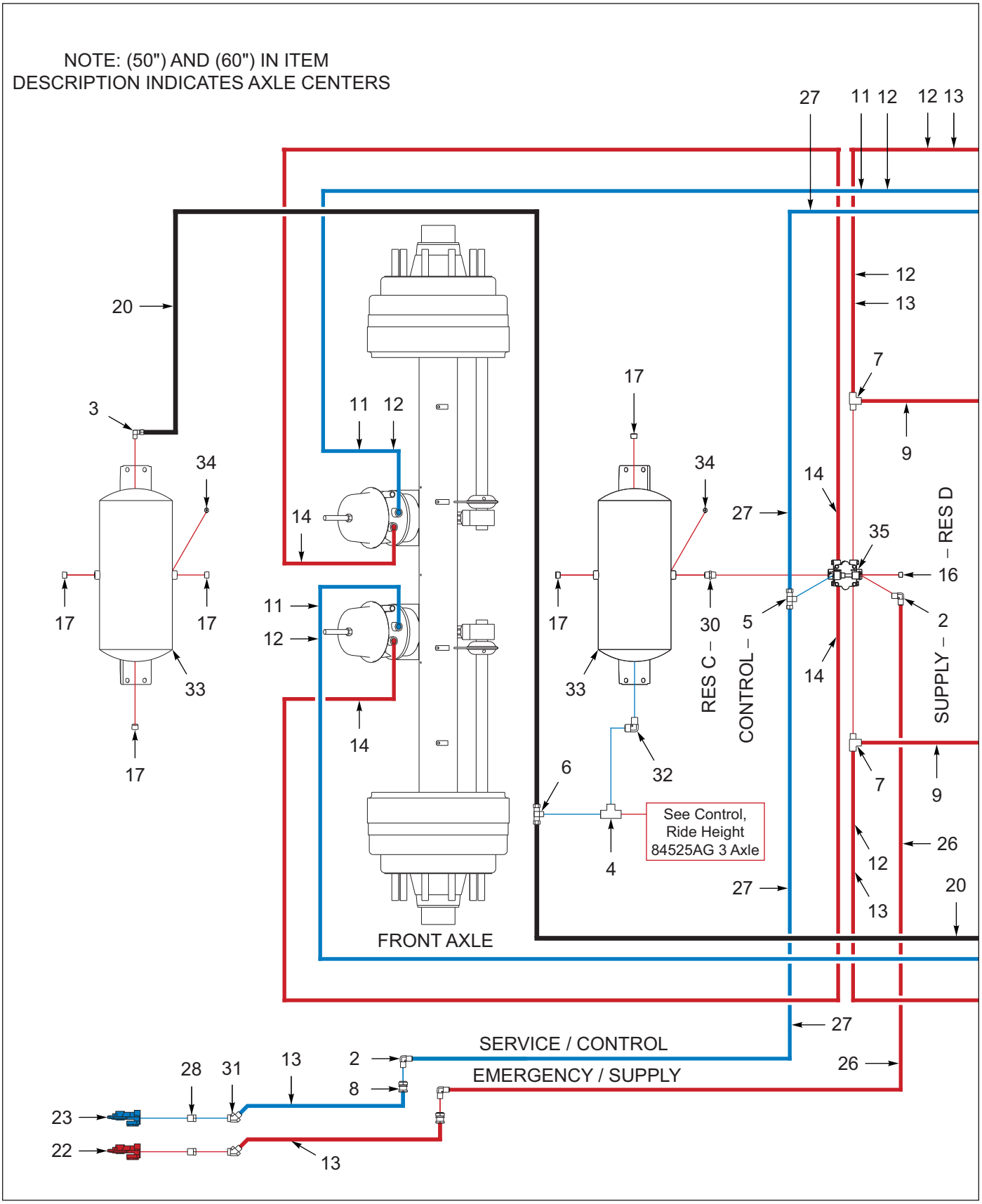


Figure 10-17: Anti-Lock Brakes, 845AG 3 Axle (1 of 3)

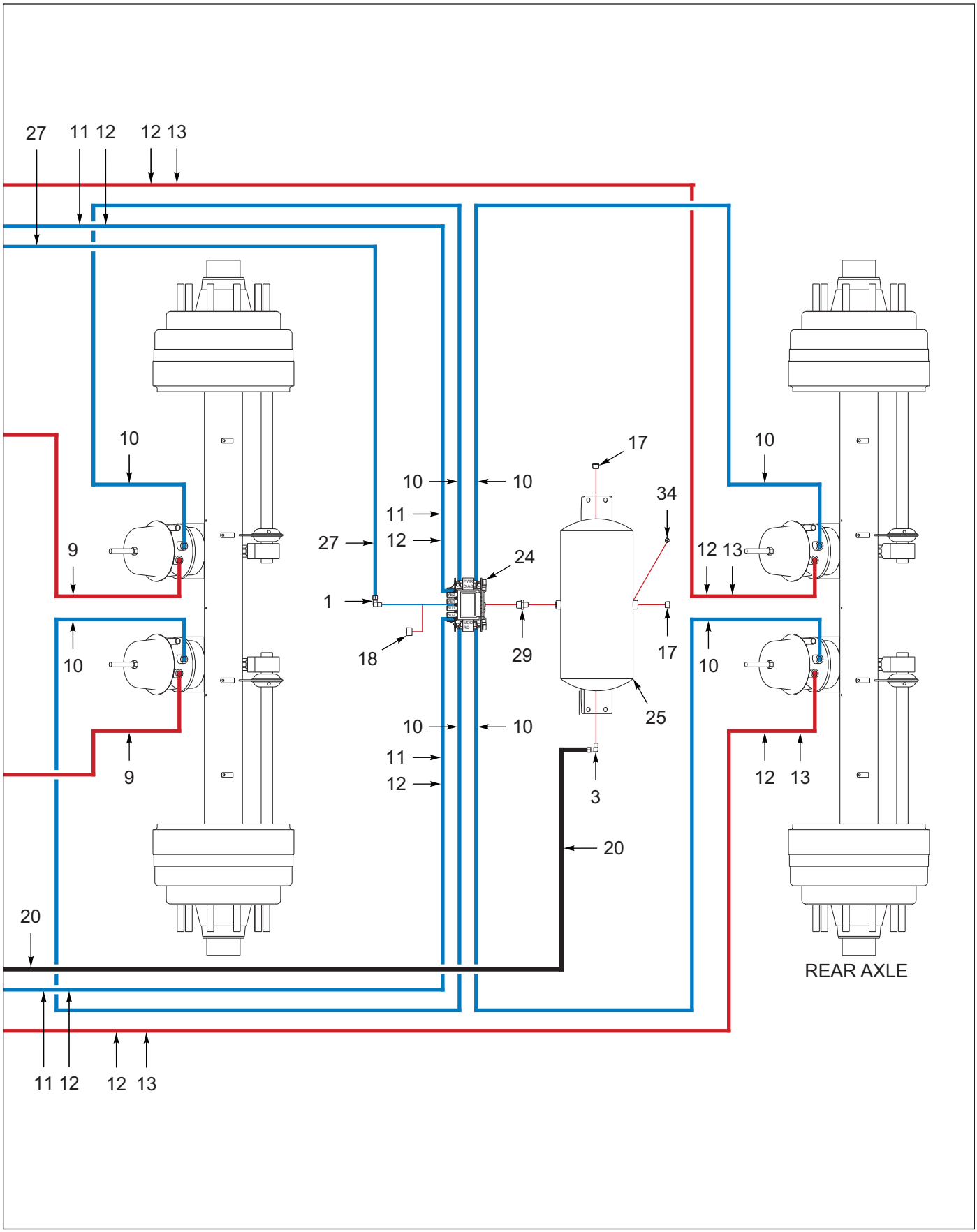
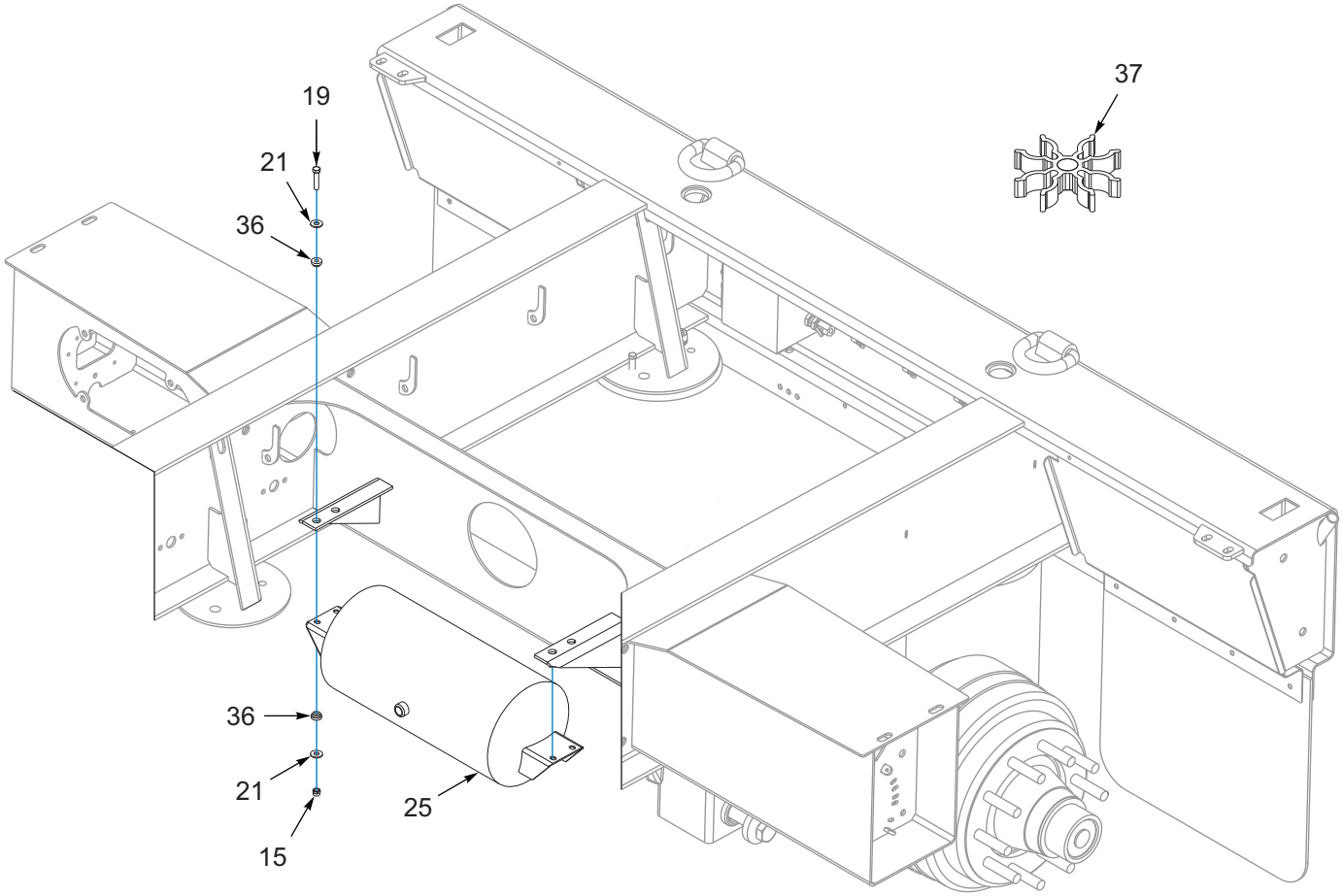
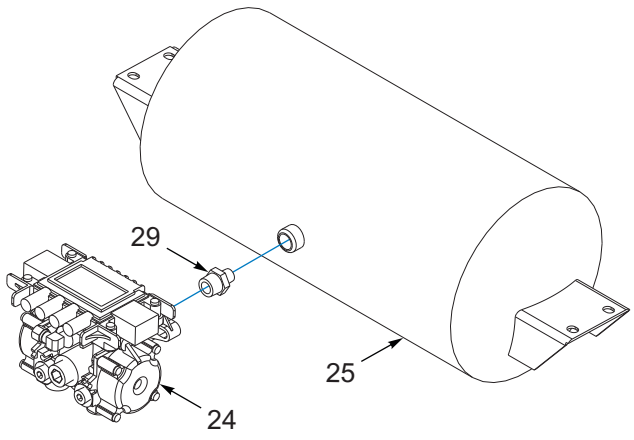


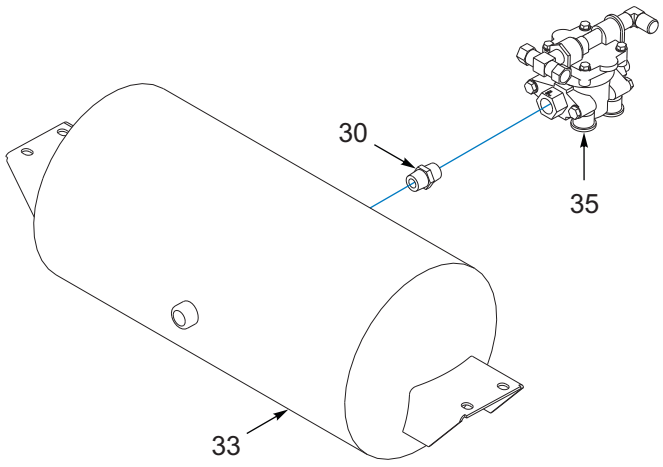
Figure 10-18: Anti-Lock Brakes, 845AG 3 Axle (2 of 3)



VIEW FROM STREETSIDE REAR



REAR AIR TANK AND ABS VALVE



CENTER AIR TANK AND 4-PORT VALVE

Figure 10-19: Anti-Lock Brakes, 845AG 3 Axle (3 of 3)

Anti-Lock Brakes, 845AG 3 Axle

ITEM	PART NUMBER	DESCRIPTION	QTY
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
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	1-297-010008-24	FITTING,AIR 90 1/2TUBEX1/2NPT	2
4	1-297-010009-04	FITTING,AIR, PIPE TEE 1/2	1
5	1-297-010015-07	FITTING,AIR,BR TEE 3/8T-3/8P	1
6	1-297-010015-11	FITTING,AIR,BR TEE 1/2T-1/2P	1
7	1-297-010018-03	FITTING,3/8 BRASS PIPE,ST TEE	2
8	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT	2
9	1-384-010038024	HOSE ASM AIR 3/8X24,W/3/8 END	2
10	1-384-010038038	HOSE ASM AIR 3/8X42,W/3/8 END **(50" AXLE)**	4
10	3-384-010031	HOSE, AIR 3/8X42, .38 NPT END **(60" AXLE)**	4
11	1-384-010038060	HOSE ASM AIR 3/8X60,W/3/8 END **(50" AXLE)**	2
12	1-384-010038072	HOSE ASM AIR 3/8X72,W/3/8 END **(50" REAR AXLE) (60" FRONT AXLE)**	2
13	1-384-010038084	HOSE ASM AIR 3/8X84,W/3/8 END **(50", REQ 2 EACH) (60", REQ 4 EACH)**	- -
14	103738	HOSE ASM AIR 3/8X100,W/3/8 END **(50" AXLE)**	2
14	1-384-010038120	HOSE ASM AIR 3/8X120,W/3/8 END **(60" AXLE)**	2
15	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	12
16	1-560-010002-03	PLUG, PIPE, 3/8NPTF	1
17	1-560-010002-04	PLUG, PIPE, 1/2NPT	7
18	1-560-010002-05	PLUG,PIPE, 3/4-14NPTF	1
19	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G5	12
20	1-833-010003	TUBING NYLON 1/2 OD **(BLACK) (BY THE FOOT)**	14
21	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	24
22	108801	GLAD HAND-RED-AIR **(INCLUDES SEAL 209133)**	1
23	108802	GLAD HAND-BLUE-AIR **(INCLUDES SEAL 209133)**	1
24	114588	ECU/VALVE ASSEMBLY 4S/2M **(INCLUDED WITH ABS KIT - SEE PAGE 11-45)**	1
25	171664	AIR TANK MODIFY BRKT	1
26	184441	TUBING 3/8 RED **(BY THE FOOT)**	45
27	184442	TUBING 3/8 BLUE **(BY THE FOOT)**	62
28	2081-8-6S	REDUCER 1/2NPT X 3/8NPT	2
29	2083-12-8S	NIPPLE 3/4NPTX1/2NPT	1
30	2083-8-8S	NIPPLE 1/2NPTX1/2NPT	1
31	2088-6-6S	ADAPTER 45 3/8MPTX3/8FPT	2
32	2089-8-8S	ADAPTER 90 1/2MPTX1/2FPT	1
33	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS	2
34	56D4	COCK,DRAIN AIR TANK VEL036019	3
35	758-181	VALVE TASK 4 PORT	1
36	805-2	BUSHINGS, STEP	24
37	248263	CLIP,4WAY ABS SENSR WIRE3/8HOS **(AFTER 10/31/2023)**	4

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

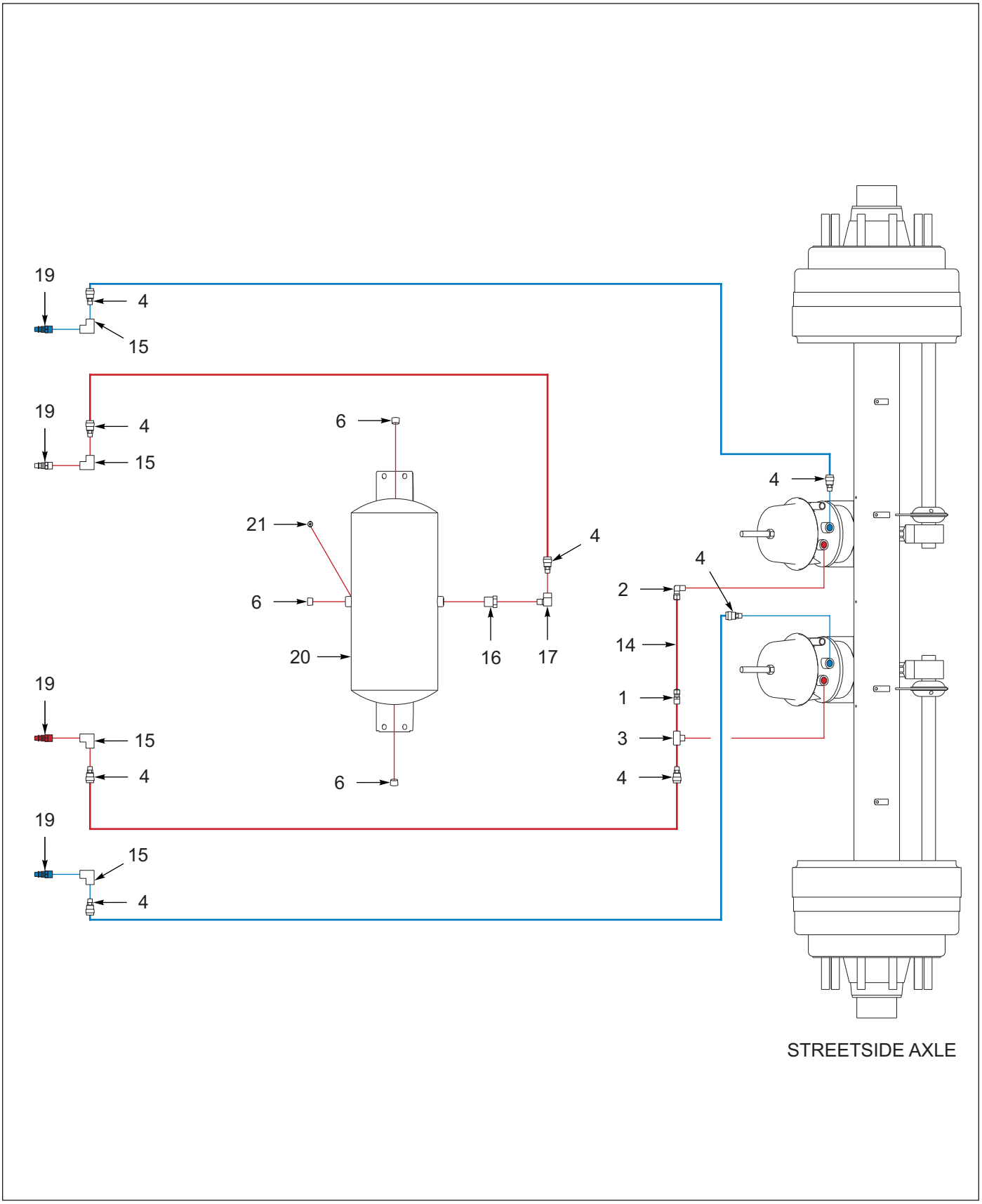


Figure 10-20: Anti-Lock Brake System, Flip Axle Assembly (Option) (1 of 2)

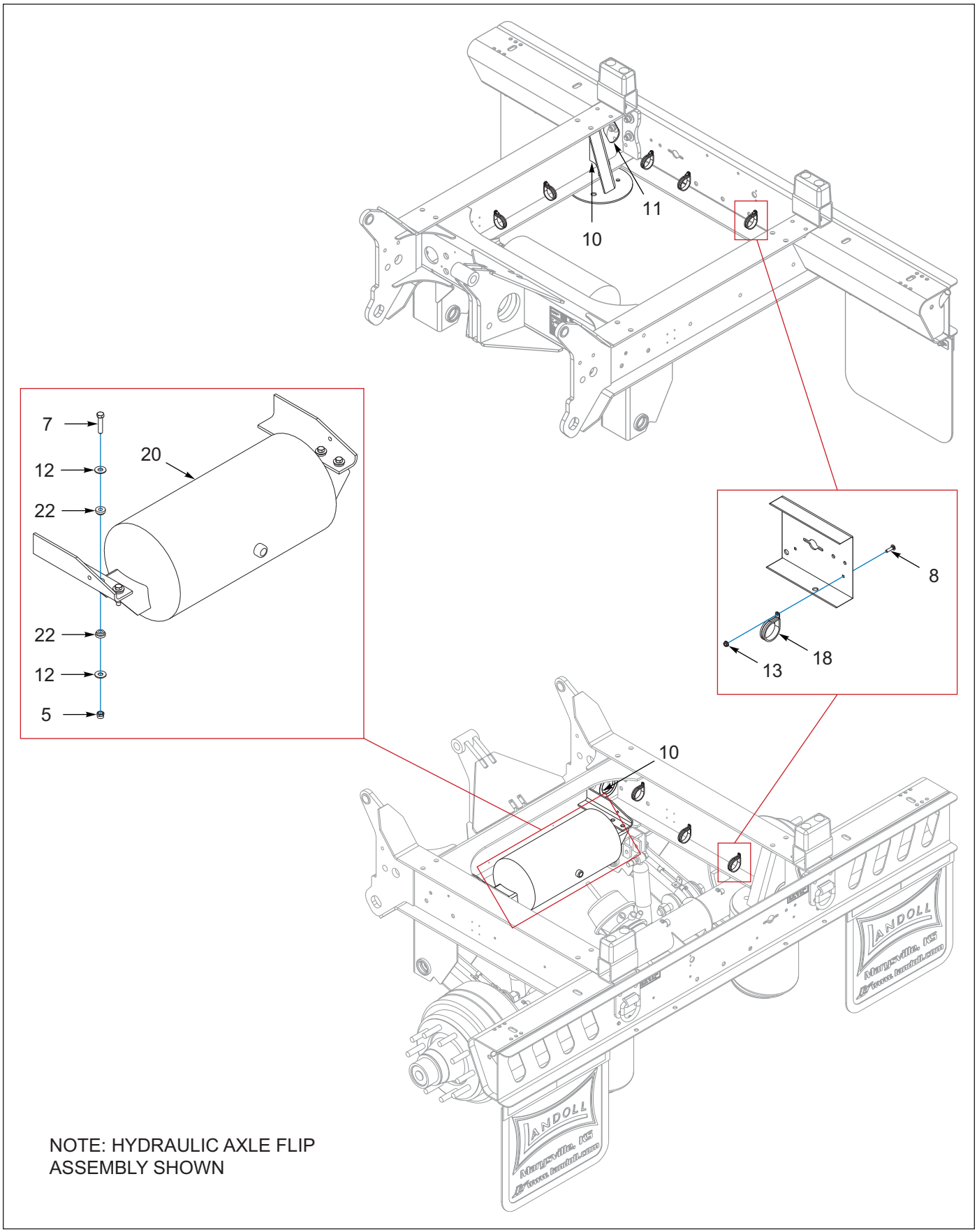


Figure 10-21: Anti-Lock Brake System, Flip Axle Assembly (Option) (2 of 2)

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, 825AG 2 Axle, 1/4" (Before 10/16/2023)

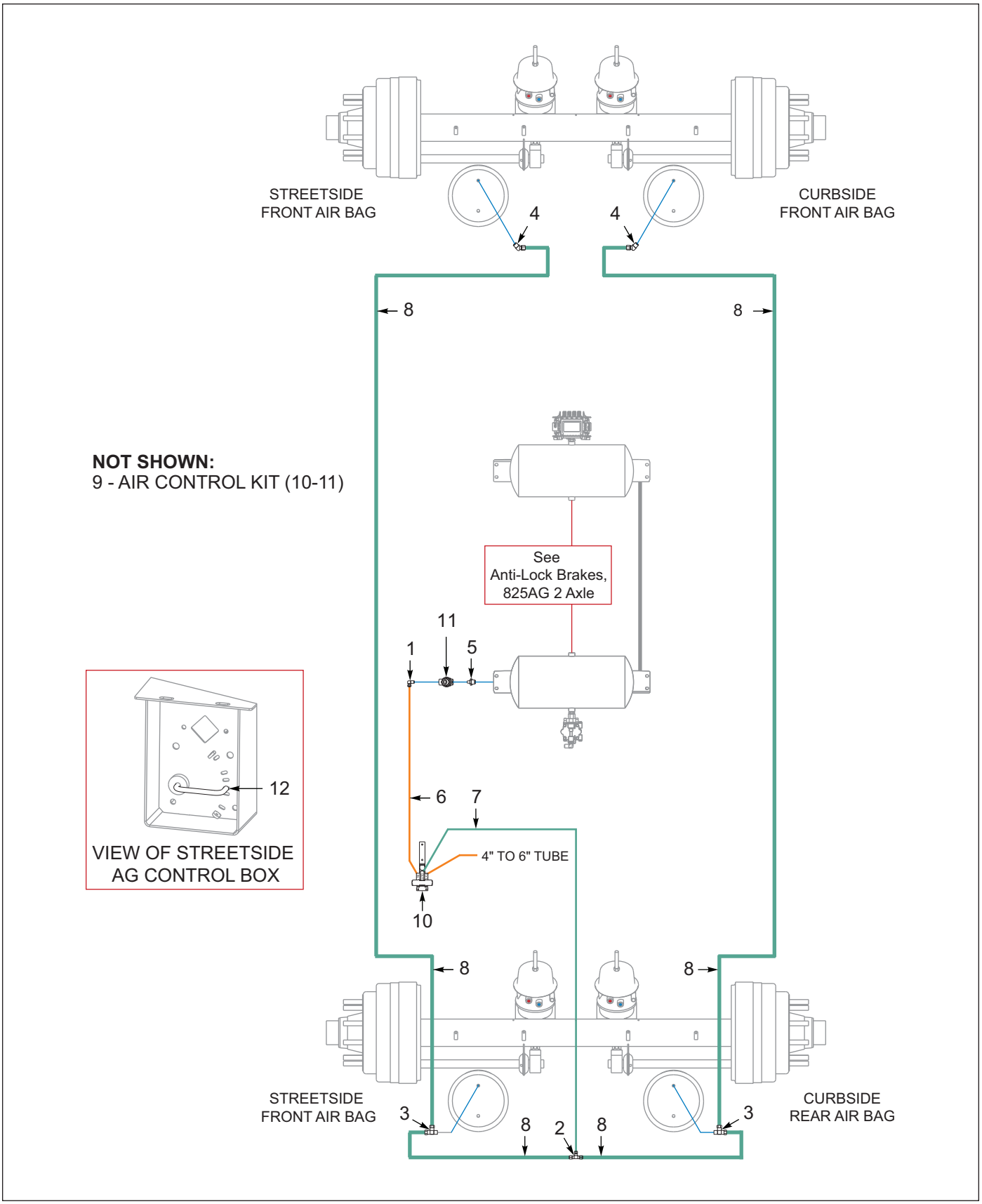


Figure 10-22: Control, Ride Height, 825AG 2 Axle 1/4" (Before 10/16/2023)

Control, Ride Height, 825AG 2 Axle, 1/4" (Before 10/16/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
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	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	2
4	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	2
5	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
6	213451	TUBING 1/4 OD ORANGE **(BY THE FOOT)**	7
7	213452	TUBING 1/4 OD DARK GREEN **(BY THE FOOT)**	2
8	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	24
9	102732	AIR CONTROL KIT **(COMPONENTS - SEE PAGE 5-27) (INCLUDES ITEMS 13-14)**	1
10	900 54 007	HEIGHT CONTROL VALVE N **(FOR 1/4" AIR LINE) (INCLUDED WITH ITEM 12) (COMPONENTS - SEE PAGE 5-27)**	1
11	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES 167692 FILTER) (INCLUDED WITH ITEM 12)**	1
12	194425	ROD HEIGHT CTRL 835 **(COMPONENTS - SEE PAGE 5-27)**	1

Control, Ride Height, 825AG 2 Axle, 3/8" (After 10/16/2023)

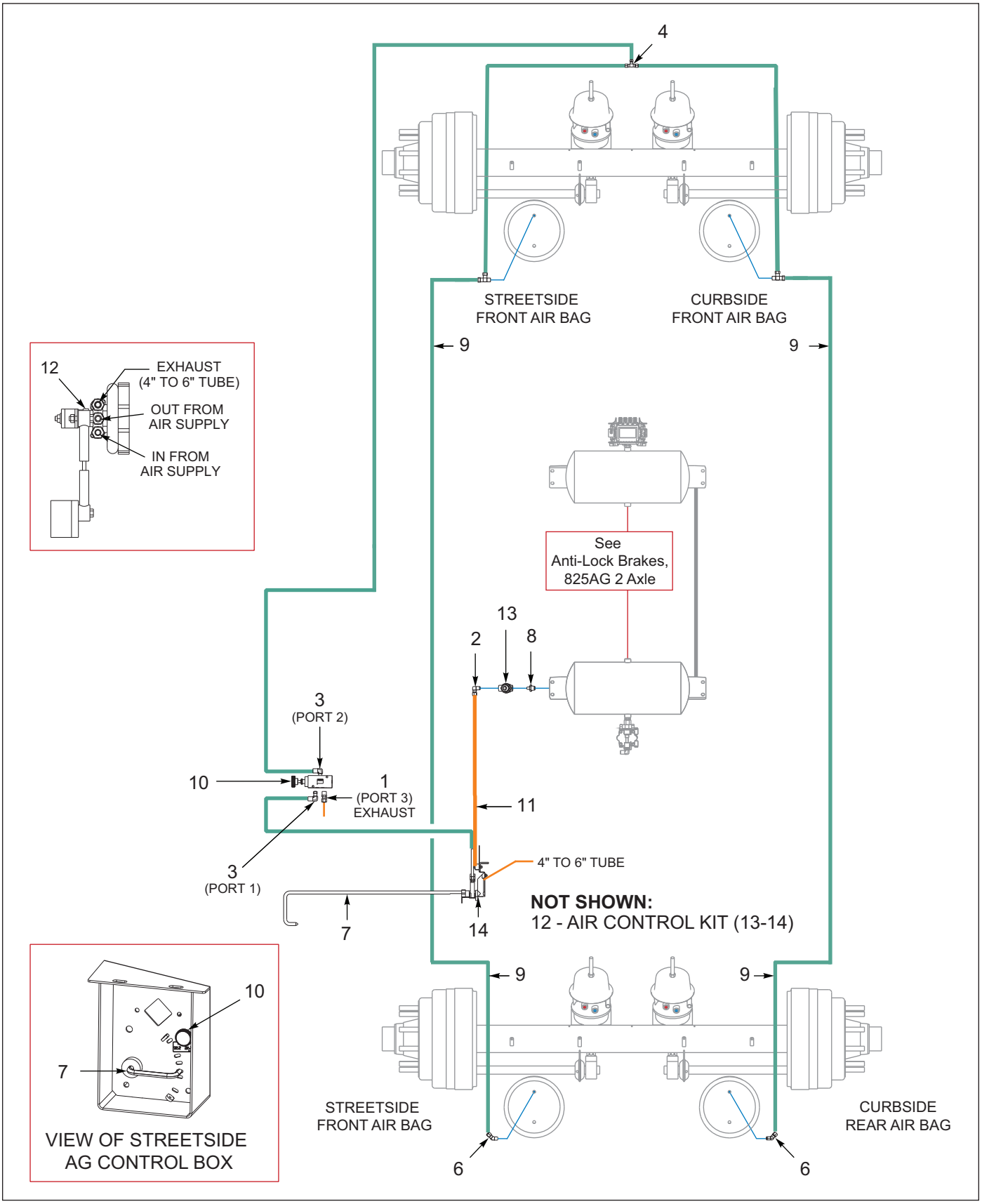


Figure 10-23: Control, Ride Height, 825AG 2 Axle, 3/8" (After 10/16/2023)

Control, Ride Height, 825AG 2 Axle, 3/8" (After 10/16/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
1	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT	1
2	1-297-010008-18	FITTING,AIR 90 3/8TUBEX1/4NPT	1
3	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	2
4	1-297-010010-03	FITTING,AIR, UNION TEE 3/8	1
5	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	2
6	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	2
7	194425	ROD HEIGHT CTRL 835 **(COMPONENTS - SEE PAGE 5-29)**	1
8	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
9	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	26
10	223149	VALVE,AIR 3WAY/2POS 3/8NPT **(INCLUDES 227010 KNOB)**	1
11	240102	TUBING AIR 3/8 ORANGE	7
12	240141	VLVE, AIR RIDE HEIGHT HLDX 3/8 **(COMPONENTS - SEE PAGE 5-29) (INCLUDES ITEMS 13-14)**	1
13	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES 167692 FILTER) (INCLUDED WITH ITEM 12)**	1
14	905-54-183	HEIGHT CONTROL VALVE 3/8 HLDX **(INCLUDED WITH ITEM 12) (COMPONENTS - SEE PAGE 5-29)**	1

Control, Ride Height, 835 / 845AG 2 Axle, 1/4" (Before 09/11/2023)

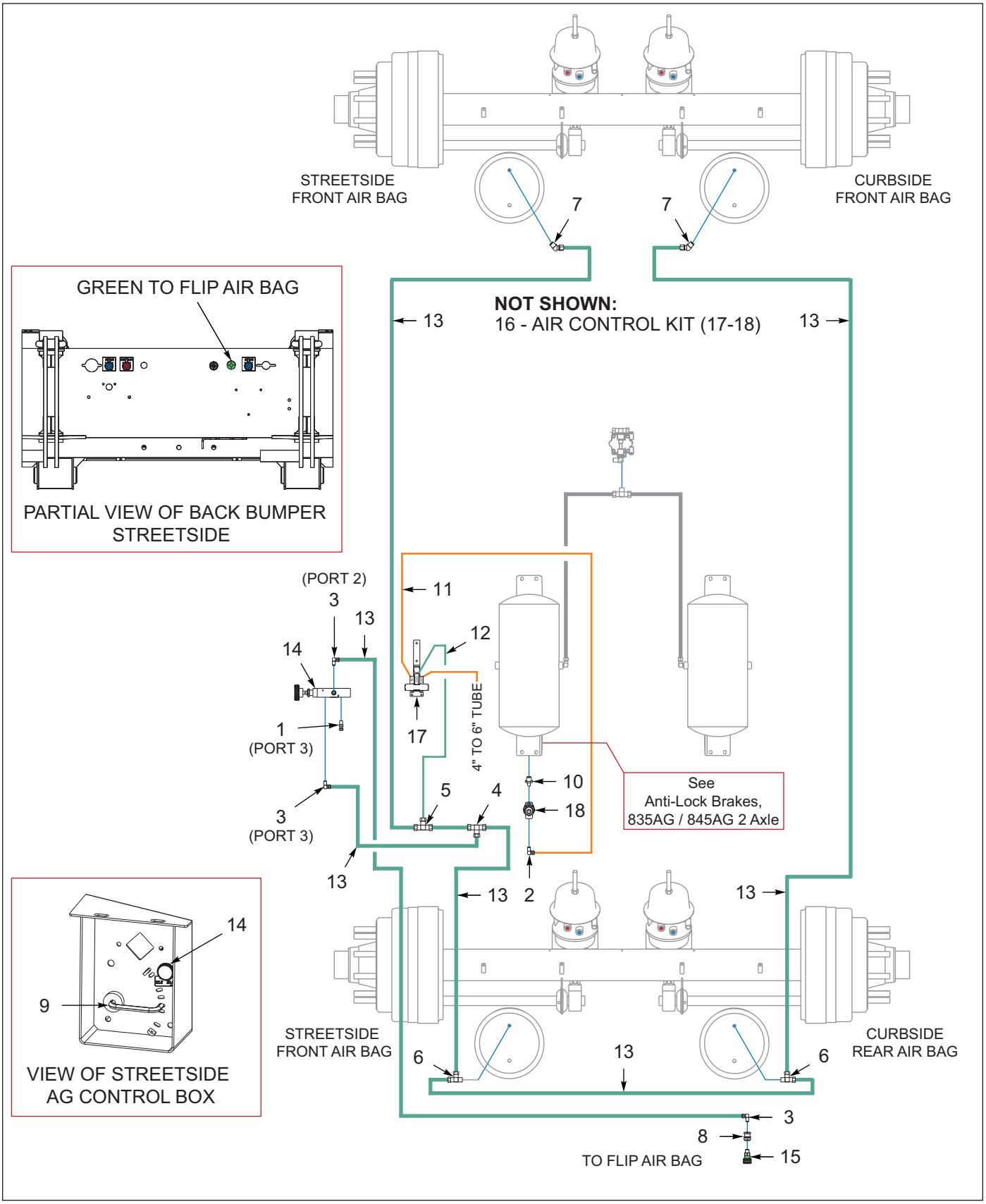


Figure 10-24: Control, Ride Height, 835 / 845AG 2 Axle, 1/4" (Before 09/11/2023)

Control, Ride Height, 835 / 845AG 2 Axle, 1/4" (Before 09/11/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
1	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT **(FOR FLIP AXLE OPTION)**	1
2	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT	1
3	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT **(FOR FLIP AXLE OPTION)**	3
4	1-297-010010-03	FITTING,AIR, UNION TEE 3/8 **(FOR FLIP AXLE OPTION)**	1
5	1-297-010010-04	FITTING,AIR,UN/TEE3/8X3/8X1/4	1
6	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	2
7	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	2
8	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT **(FOR FLIP AXLE OPTION)**	1
9	194425	ROD HEIGHT CTRL 835 **(COMPONENTS - SEE PAGE 5-27)**	1
10	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
11	213451	TUBING 1/4 OD ORANGE **(BY THE FOOT)**	7
12	213452	TUBING 1/4 OD DARK GREEN **(BY THE FOOT)**	2
13	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	24
14	223149	VALVE,AIR 3WAY/2POS 3/8NPT **(FOR FLIP AXLE OPTION)** **(INCLUDES 227010 KNOB)**	1
15	3-220-010004	COUPLER AIR FEMALE 3/8-18MPT **(UNPAINTED)** **(FOR FLIP AXLE OPTION)**	1
16	102732	AIR CONTROL KIT **(COMPONENTS - SEE PAGE 5-27)** **(INCLUDES ITEMS 17-18)**	1
17	900 54 007	HEIGHT CONTROL VALVE N **(FOR 1/4" AIR LINE)** **(INCLUDED WITH ITEM 16) (COMPONENTS - SEE PAGE 5-27)**	1
18	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES 167692 FILTER)** **(INCLUDED WITH ITEM 16)**	1

Control, Ride Height, 835 / 845AG 2 Axle, 3/8" (After 09/11/23)

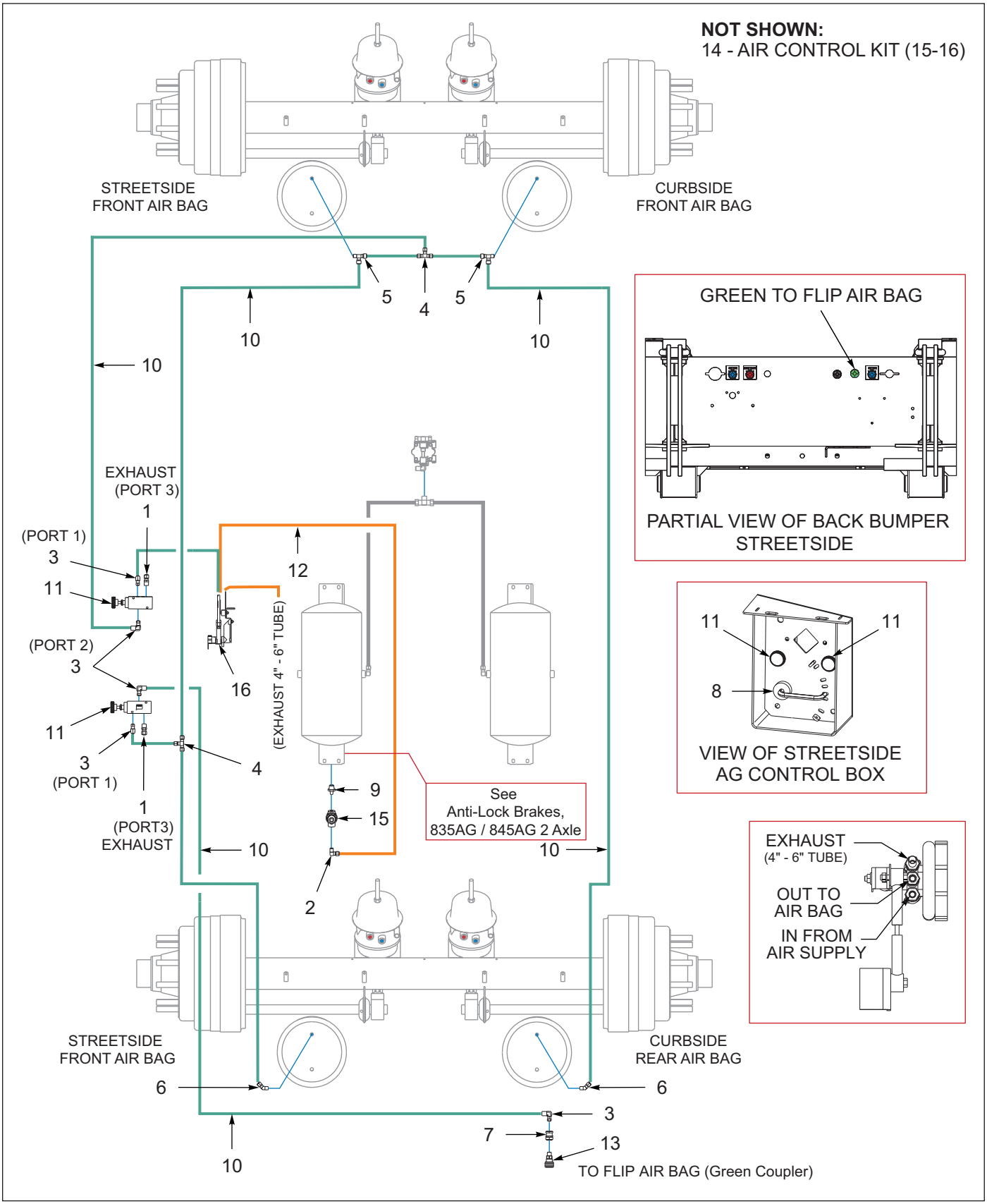


Figure 10-25: Control, Ride Height, 835/845AG 2 Axle, 3/8" (After 09/11/23)

Control, Ride Height, 835 / 845AG 2 Axle, 3/8" (After 09/11/23)

ITEM	PART NUMBER	DESCRIPTION	QTY
	225394	FRAME ASSY 835-32 2AX 50SPD **(FOR REF ONLY)**	- -
1	1-297-010007-12	FITTING AIR 3/8TUBE X 3/8NPT **(FOR FLIP AXLE OPTION)**	2
2	1-297-010008-18	FITTING,AIR 90 3/8TUBEX1/4NPT	1
3	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT **(FOR FLIP AXLE OPTION)**	5
4	1-297-010010-03	FITTING,AIR, UNION TEE 3/8 **(FOR FLIP AXLE OPTION)**	2
5	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	2
6	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	2
7	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT **(FOR FLIP AXLE OPTION)**	1
8	194425	ROD HEIGHT CTRL 835 **(COMPONENTS - SEE PAGE 5-29)**	1
9	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
10	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	26
11	223149	VALVE,AIR 3WAY/2POS 3/8NPT **(FOR FLIP AXLE OPTION)** **(INCLUDES 227010 KNOB)**	2
12	240102	TUBING AIR 3/8 ORANGE **(BY THE FOOT)**	38
13	3-220-010004	COUPLER AIR FEMALE 3/8-18MPT **(UNPAINTED)** **(FOR FLIP AXLE OPTION)**	1
14	240141	VLVE, AIR RIDE HEIGHT HLDX 3/8 **(INCLUDES ITEM 15-16)** **(COMPONENTS - SEE PAGE 5-29)**	1
15	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES 167692 FILTER)** **(INCLUDED WITH ITEM 14)**	1
16	905-54-183	HEIGHT CONTROL VALVE 3/8 HLDX **(INCLUDED WITH ITEM 14)**	1

Control, Ride Height, 845AG 3 Axle, 1/4" (Before 10/10/2023)

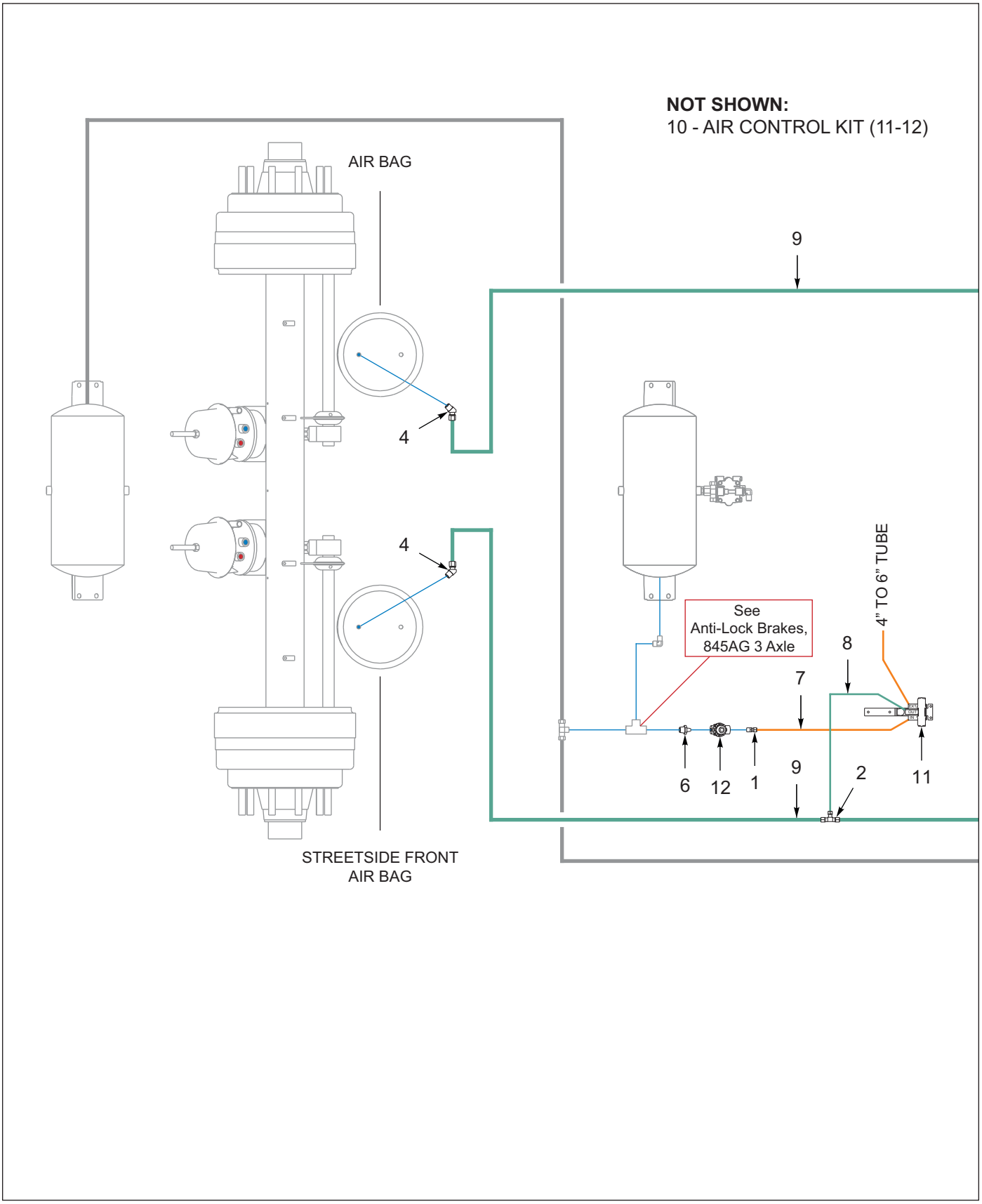


Figure 10-26: Control, Ride Height, 845AG 3 Axle, 1/4" (Before 10/10/2023) (1 of 2)

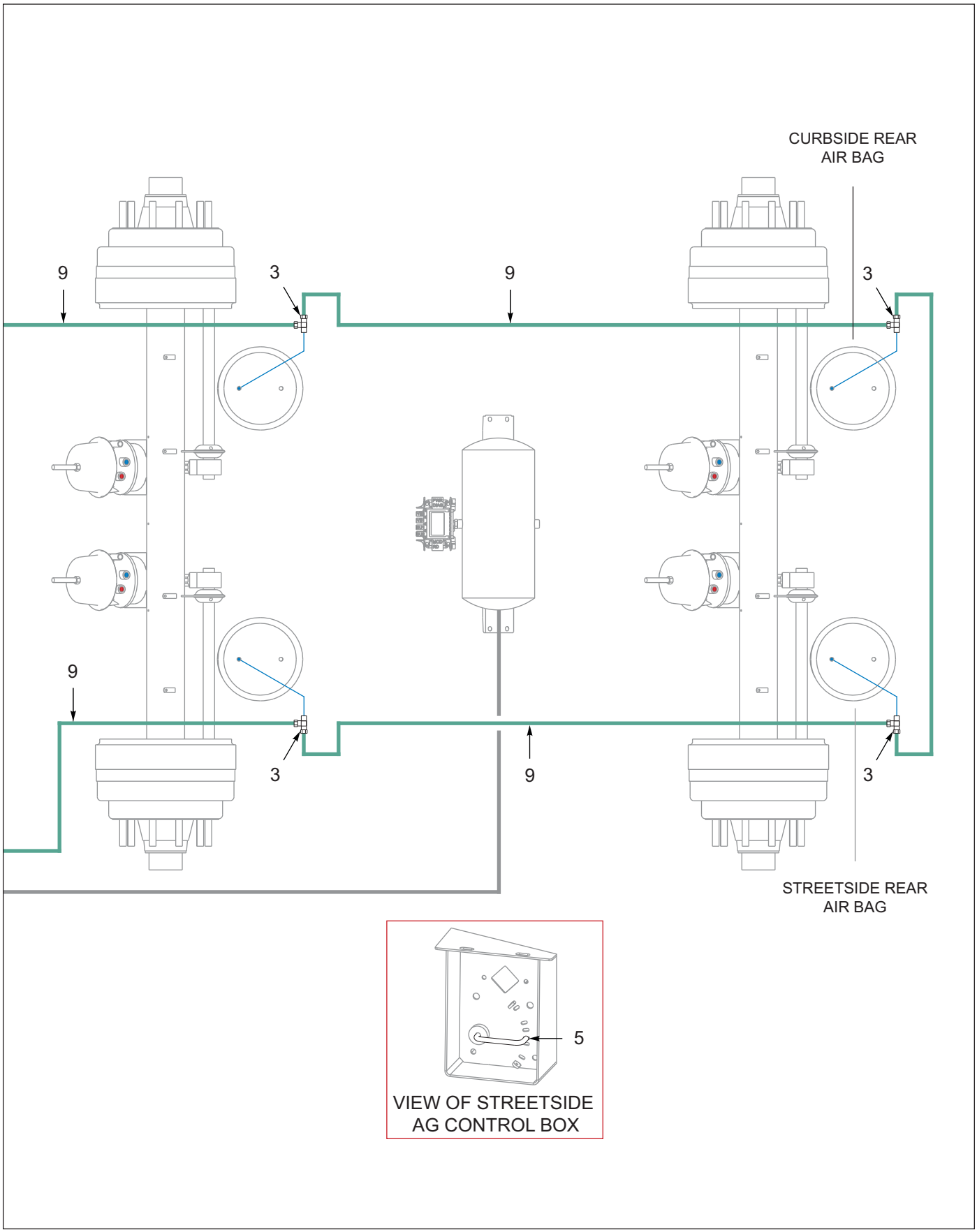


Figure 10-27: Control, Ride Height, 845AG 3 Axle, 1/4" (Before 10/10/2023) (2 of 2)

Control, Ride Height, 845AG 3 Axle, 1/4" (Before 10/10/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	1
2	1-297-010010-04	FITTING,AIR,UN/TEE3/8X3/8X1/4	1
3	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	4
4	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	2
5	194425	ROD HEIGHT CTRL 835 **(COMPONENTS - SEE PAGE 5-27)**	1
6	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
7	213451	TUBING 1/4 OD ORANGE **(BY THE FOOT)**	7
8	213452	TUBING 1/4 OD DARK GREEN **(BY THE FOOT)**	2
9	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	24
10	102732	AIR CONTROL KIT **(COMPONENTS - SEE PAGE 5-27) (INCLUDES ITEMS 11-12)**	1
11	900 54 007	HEIGHT CONTROL VALVE N **(FOR 1/4" AIR LINE) (INCLUDED WITH ITEMS 10) (COMPONENTS - SEE PAGE 5-27)**	1
12	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES 167692 FILTER) (INCLUDED WITH ITEM 10)**	1

Table provided for general use.

NOTES:

Control, Ride Height, 845AG 3 Axle, 3/8" (After 10/10/2023)

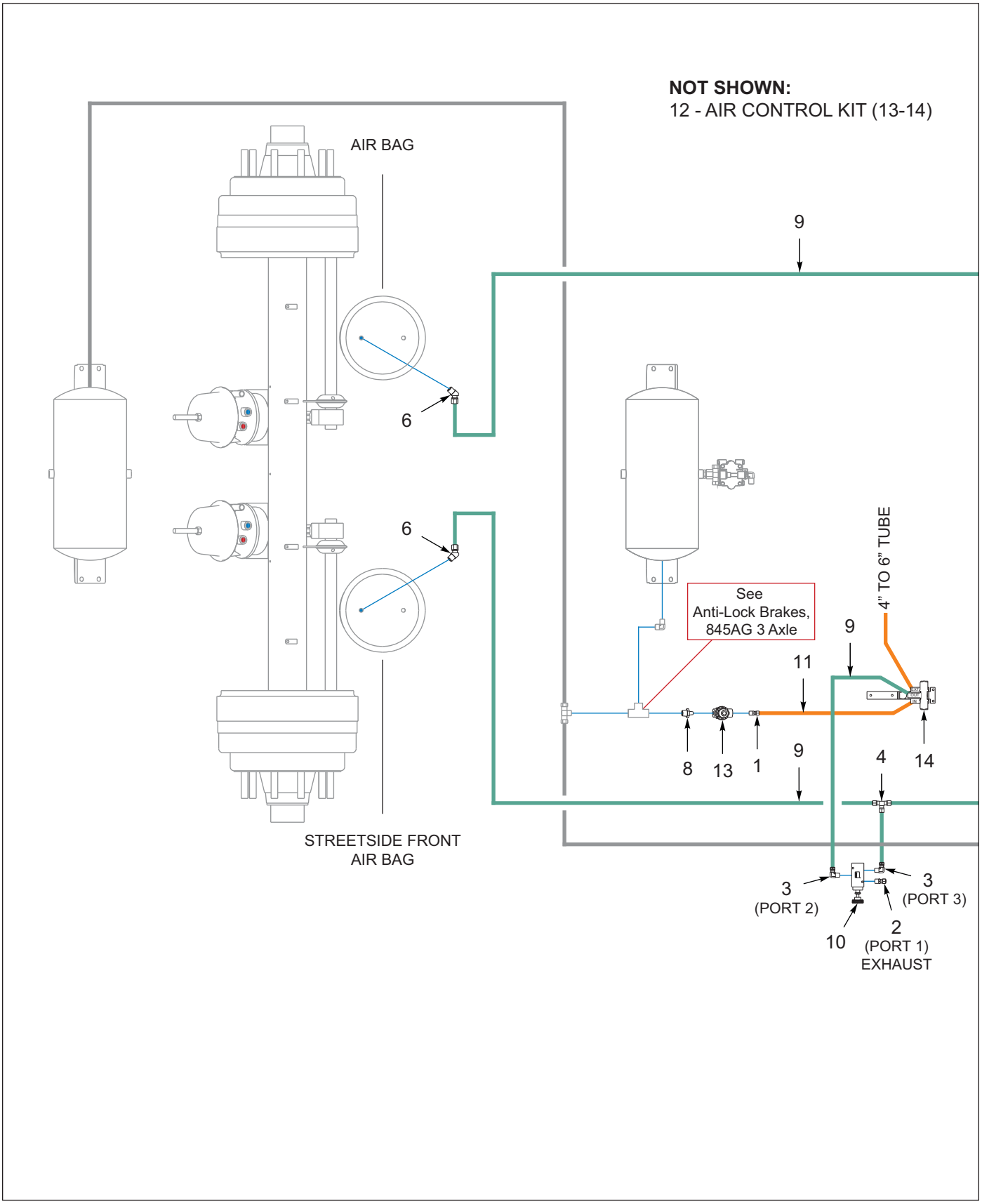


Figure 10-28: Control, Ride Height, 845AG 3 Axle, 3/8" (After 10/10/2023) (1 of 2)

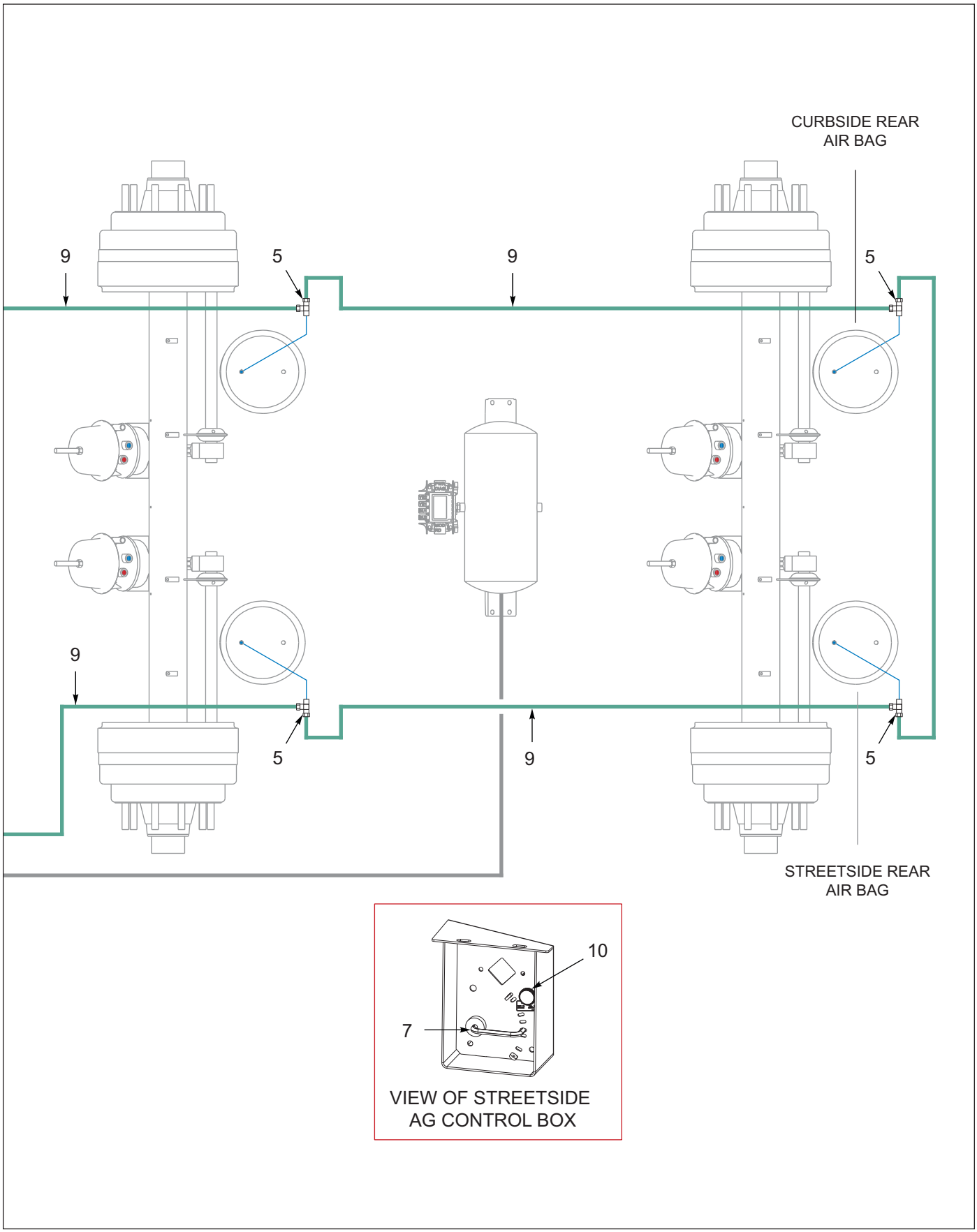


Figure 10-29: Control, Ride Height, 845AG 3 Axle, 3/8" (After 10/10/2023) (2 of 2)

Control, Ride Height, 845AG 3 Axle, 3/8" (After 10/10/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
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	1
3	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	2
4	1-297-010010-03	FITTING,AIR, UNION TEE 3/8	1
5	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	4
6	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	2
7	194425	ROD HEIGHT CTRL 835 **(COMPONENTS - SEE PAGE 5-29)**	1
8	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
9	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	26
10	223149	VALVE,AIR 3WAY/2POS 3/8NPT **(INCLUDES 227010 KNOB)**	1
11	240102	TUBING AIR 3/8 ORANGE	7
12	240141	VLVE, AIR RIDE HEIGHT HLDX 3/8 **(INCLUDES ITEM 13-14)** **(COMPONENTS - SEE PAGE 5-29)**	1
13	905-54-107	BRAKE PROTECTION VALVE **(INCLUDES 167692 FILTER)** **(INCLUDED WITH ITEM 12)**	1
14	905-54-183	HEIGHT CONTROL VALVE 3/8 HLDX **(INCLUDED WITH ITEM 12)** **(COMPONENTS - SEE PAGE 5-29)**	1

Table provided for general use.

NOTES:

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

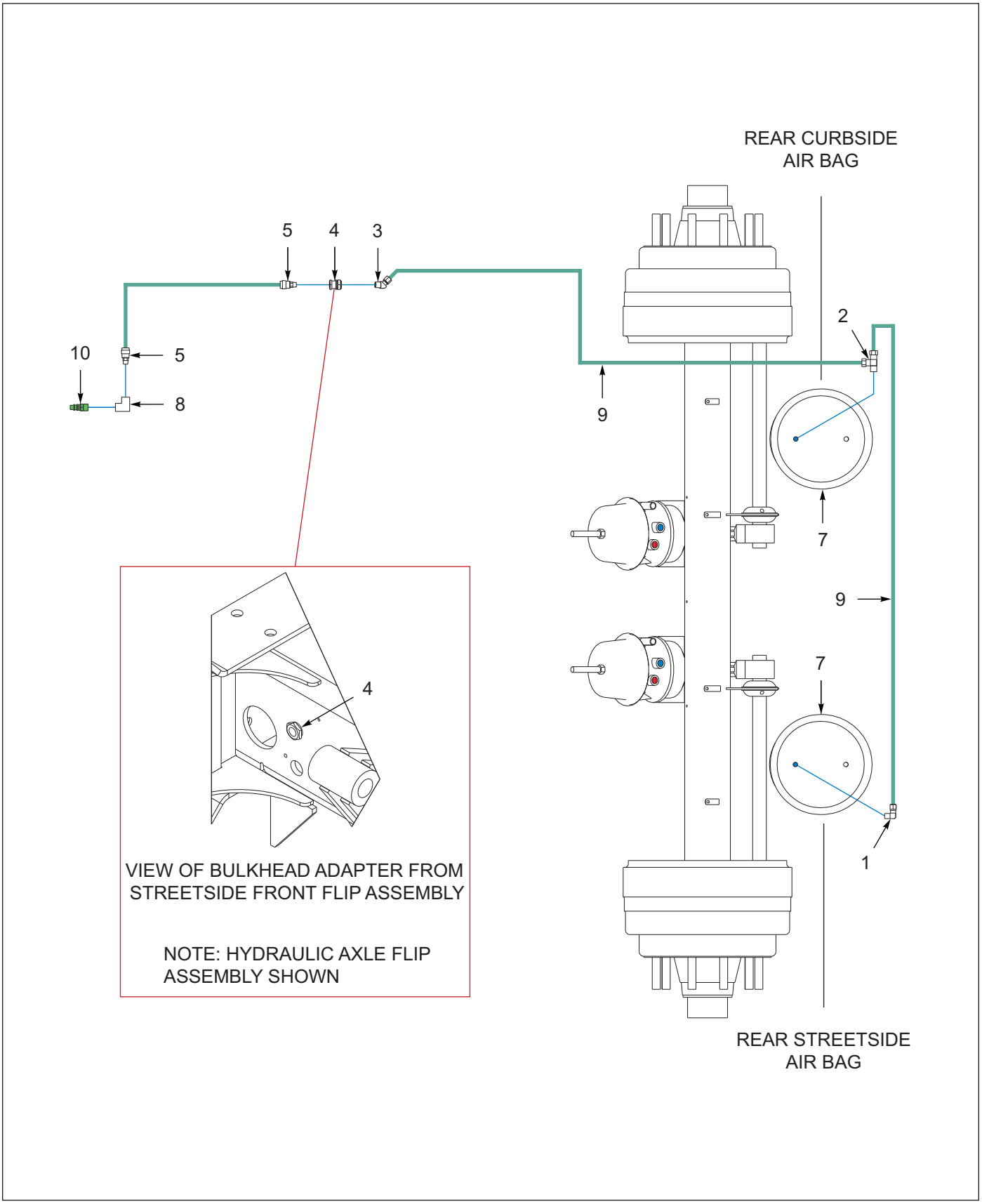


Figure 10-30: Control, Suspension Height, Flip Axle Assembly (Option)

Control, Air Suspension 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)

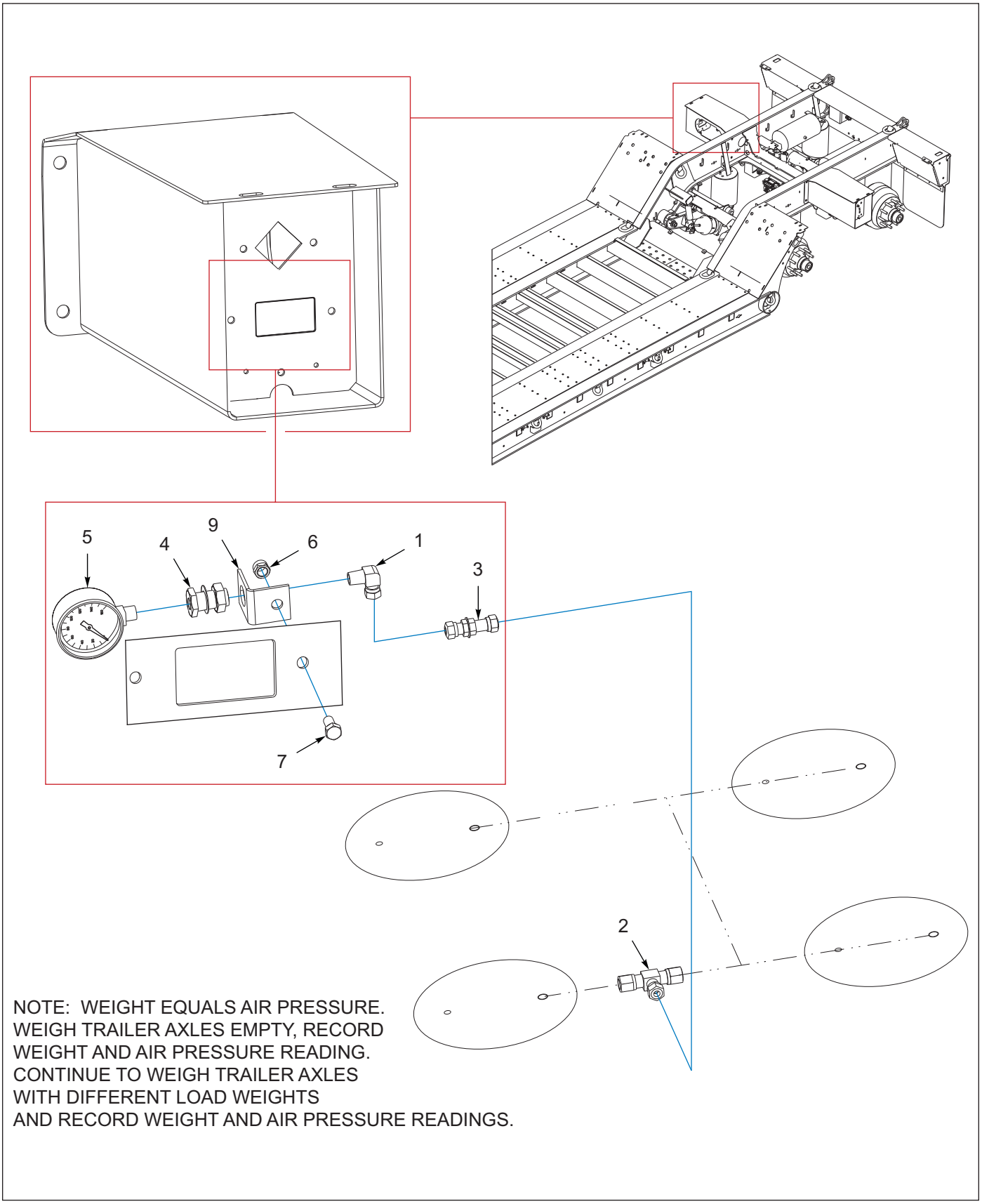


Figure 10-31: Scale, Air Pressure Gauge Assembly (Option)

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)

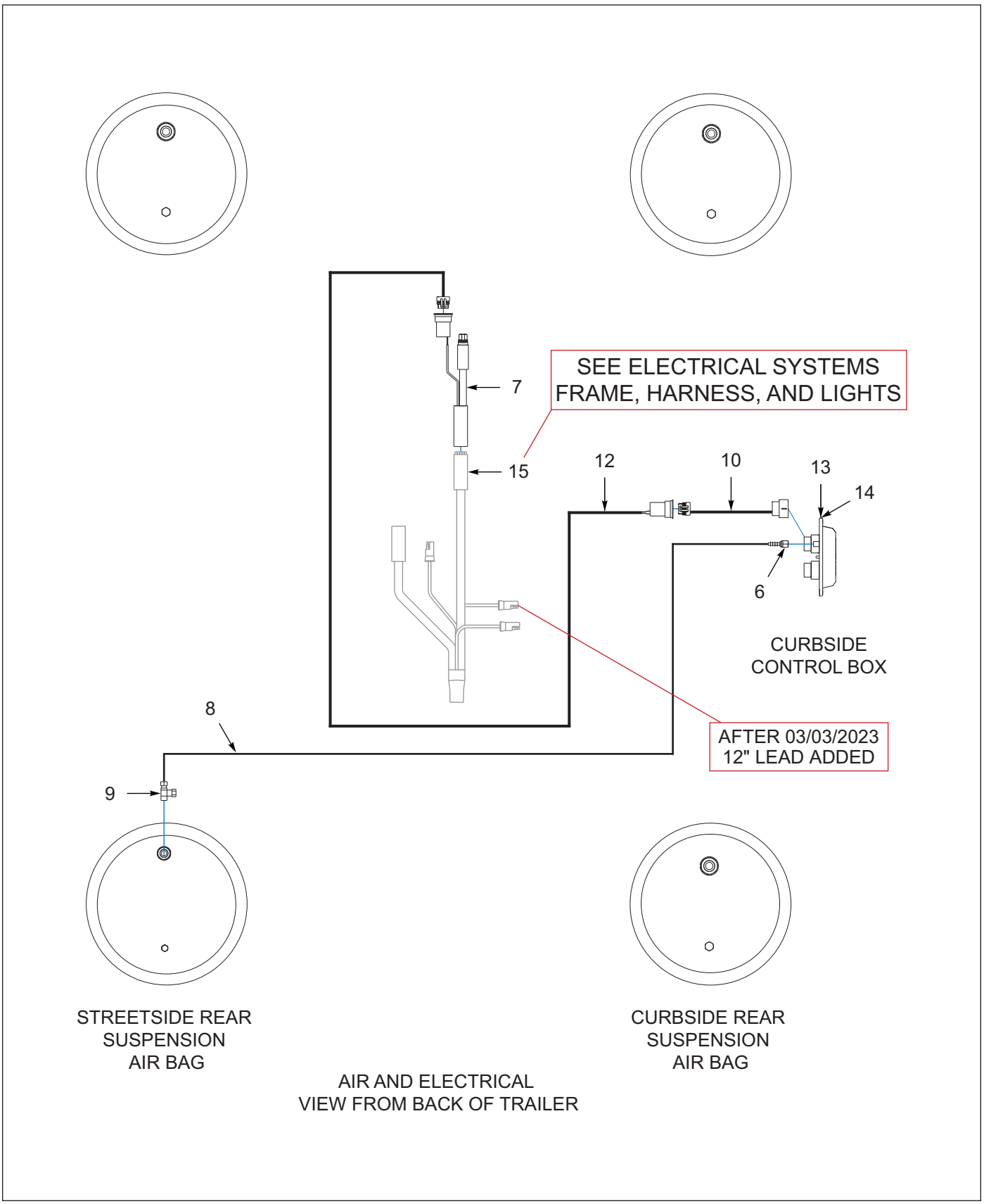


Figure 10-32: Scale, Digital, Loadmaxx Plus & Quickload Plus (Option) (1 of 2)

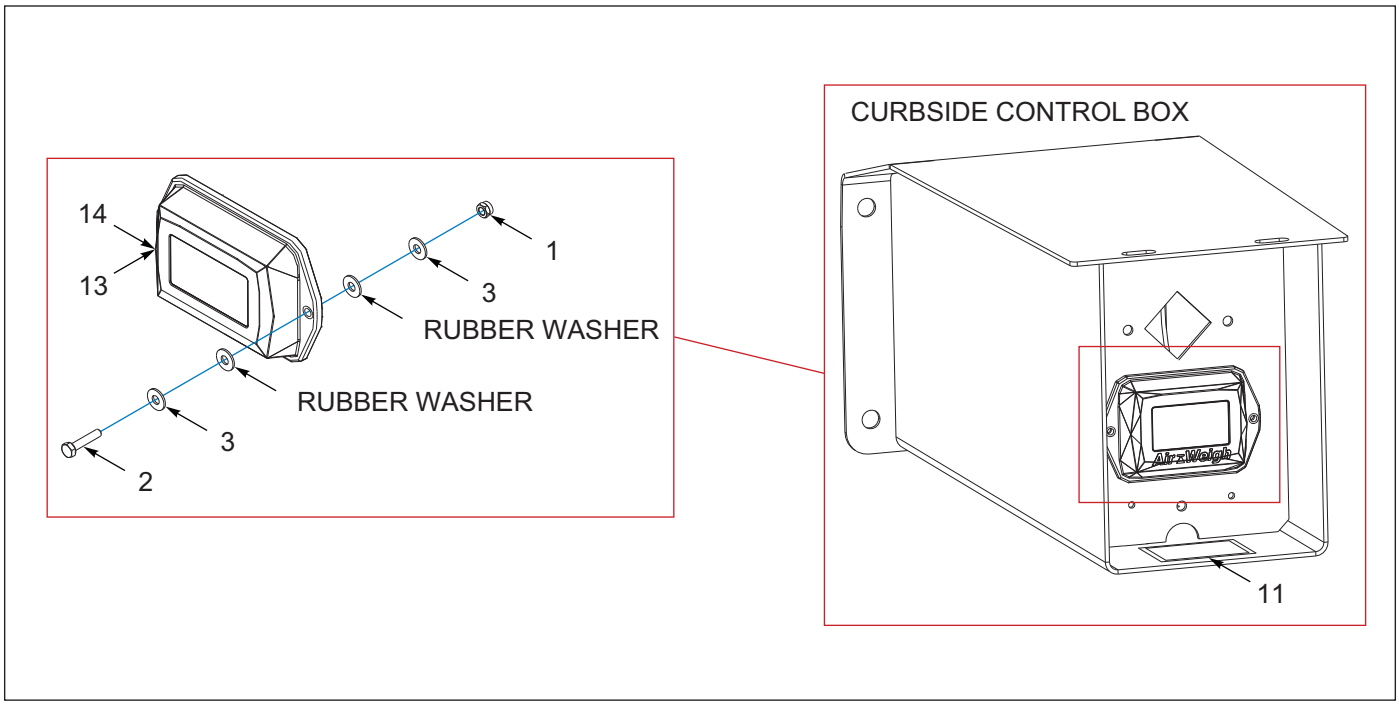


Figure 10-33: Scale, Digital, Loadmaxx Plus & Quickload Plus (Option) (2 of 2)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	226659	QUICKLOAD PLUS DETACH INSTL **(INCLUDES ITEMS 1-4)**	- -
	226663	LOADMAXX PLUS DETACH INSTL **(INCLUDES ITEMS 1-3,5)**	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-654-010047-07	SCREW,HX CP 1/4-20UNCX1-1/4G5	2
3	1-861-010032-07	WASHER,FLAT 1/4 ZP	4
4	226658	QUICKLOAD PLUS DETACH KIT **(NOT SHOWN)** **(INCLUDES ITEMS 6-13, PLUS RUBBER WASHERS)**	1
5	226662	LOADMAXX PLUS DETACH KIT **(NOT SHOWN)** **(INCLUDES ITEMS 6-12, 14 PLUS RUBBER WASHERS)**	1
6	212216	BRASS FITTING 1/4 NPT 1/4 BARB	1
7	220004	CONNECTOR, TRL, ABS T-BREAKOUT	1
8	225885	AIR LINE 1/4 OD X 10' AIR-WGH	1
9	226650	BRASS T 1/4NPT AIR WEIGH	1
10	226651	POWER CABLE 3.5FT AIR WEIGH	1
11	226653	DECAL AIR WEIGH SCALE	1
12	226654	ABS-T BREAKOUT RIGID AIR WEIGH	1
13	226652	QUICKLOAD PLUS SCALE MODULE	1
14	226655	LOADMAXX PLUS SCALE MODULE	1
15	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)** **(FRAME, HARNESS AMD LIGHTS - SEE PAGE 11-17, AND 11-25)**	1

Suspension, Air Dump (Option)

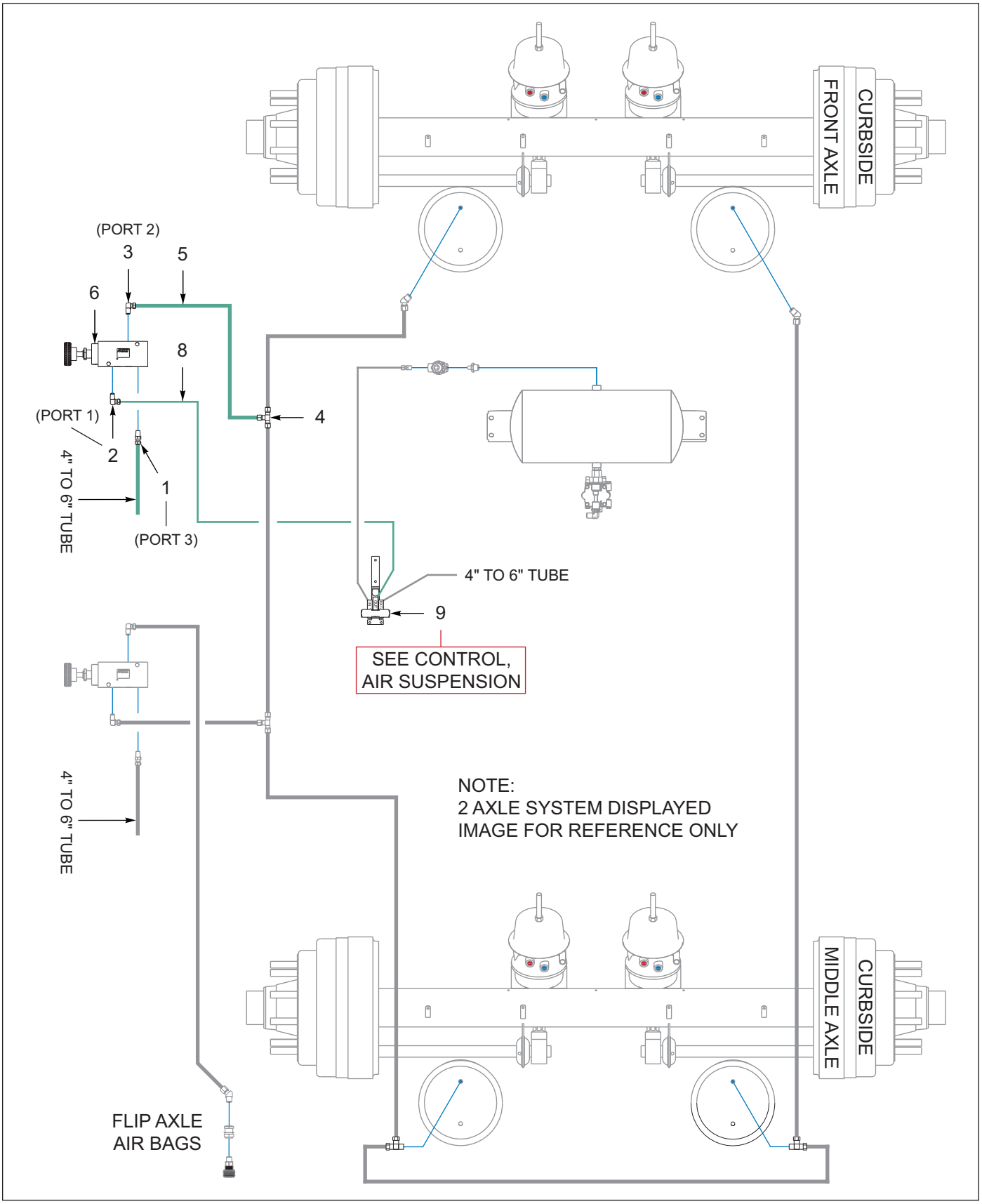


Figure 10-34: Suspension, Air Dump (Option) (1 of 2)

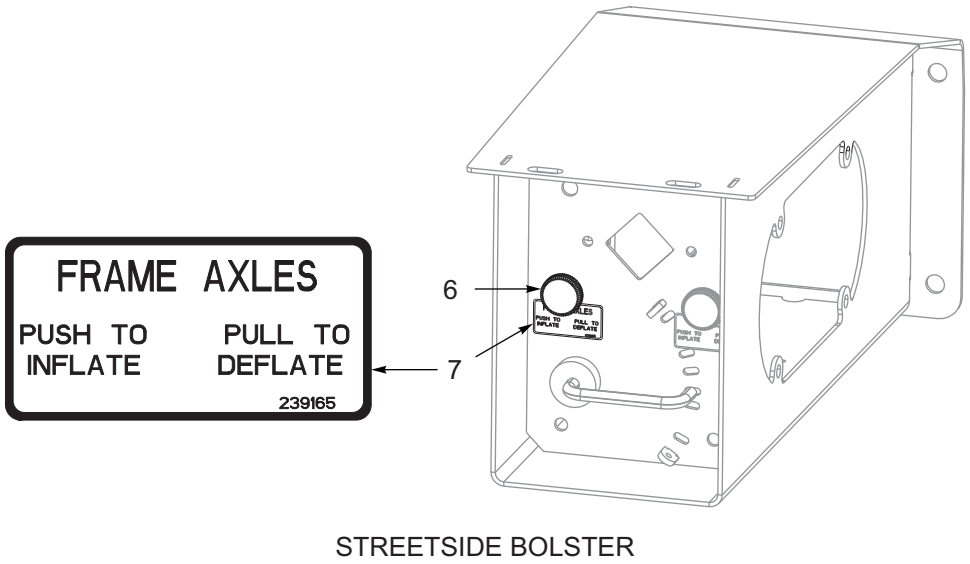


Figure 10-35: Suspension, Air Dump (Option) (2 of 2)

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	1
8	213452	TUBING 1/4 OD DARK GREEN **(BY THE FOOT)**	5
9	900 54 007	HEIGHT CONTROL VALVE N **(FOR 1/4" AIR LINE)** **(COMPONENTS - SEE PAGE 5-27)**	- -

Suspension Lift, 1st / 3rd Axle (Option) (Before 12/01/2023)

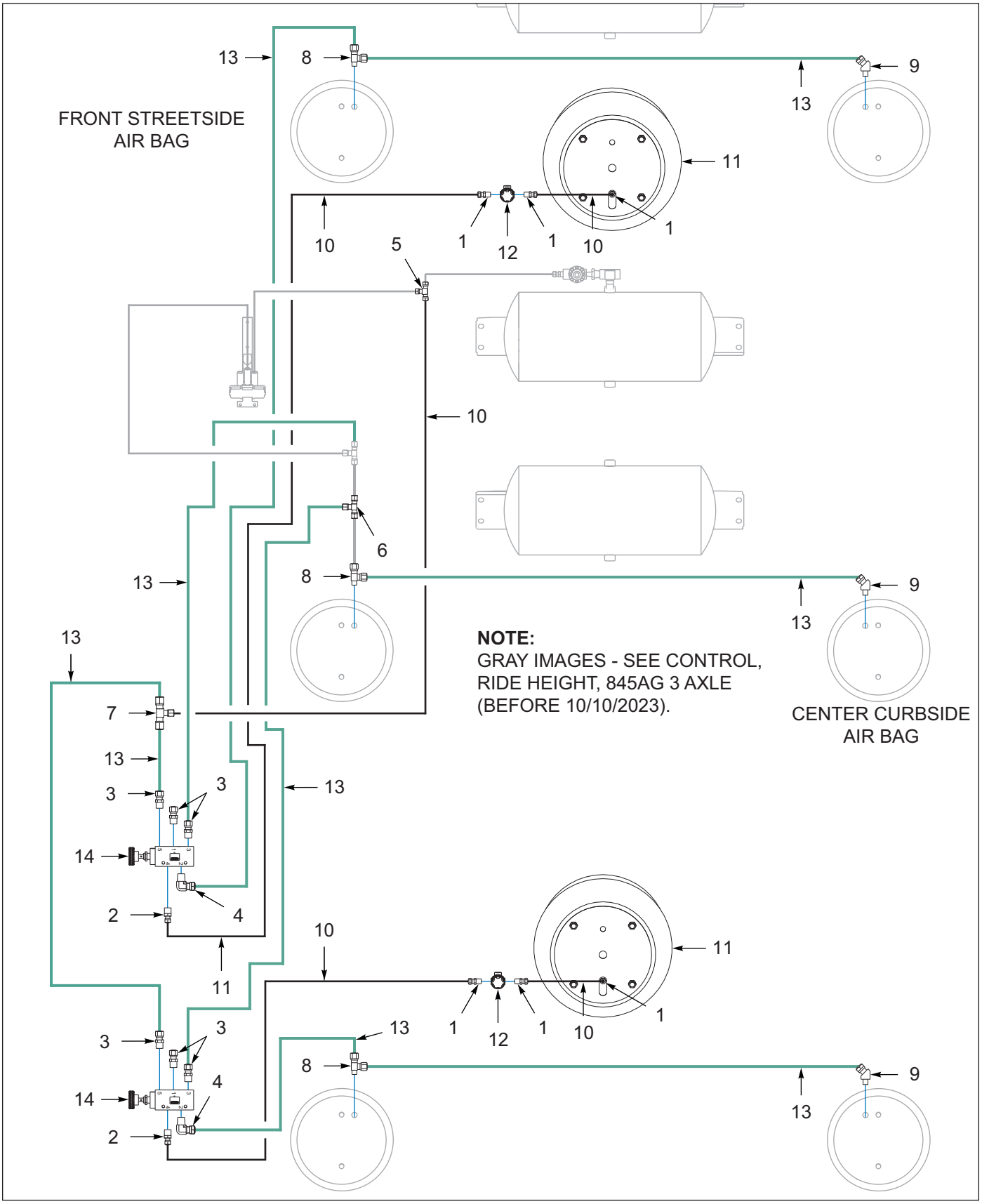


Figure 10-36: Suspension Lift, 1st / 3rd Axle (Option) (Before 12/01/2023) (1 of 2)

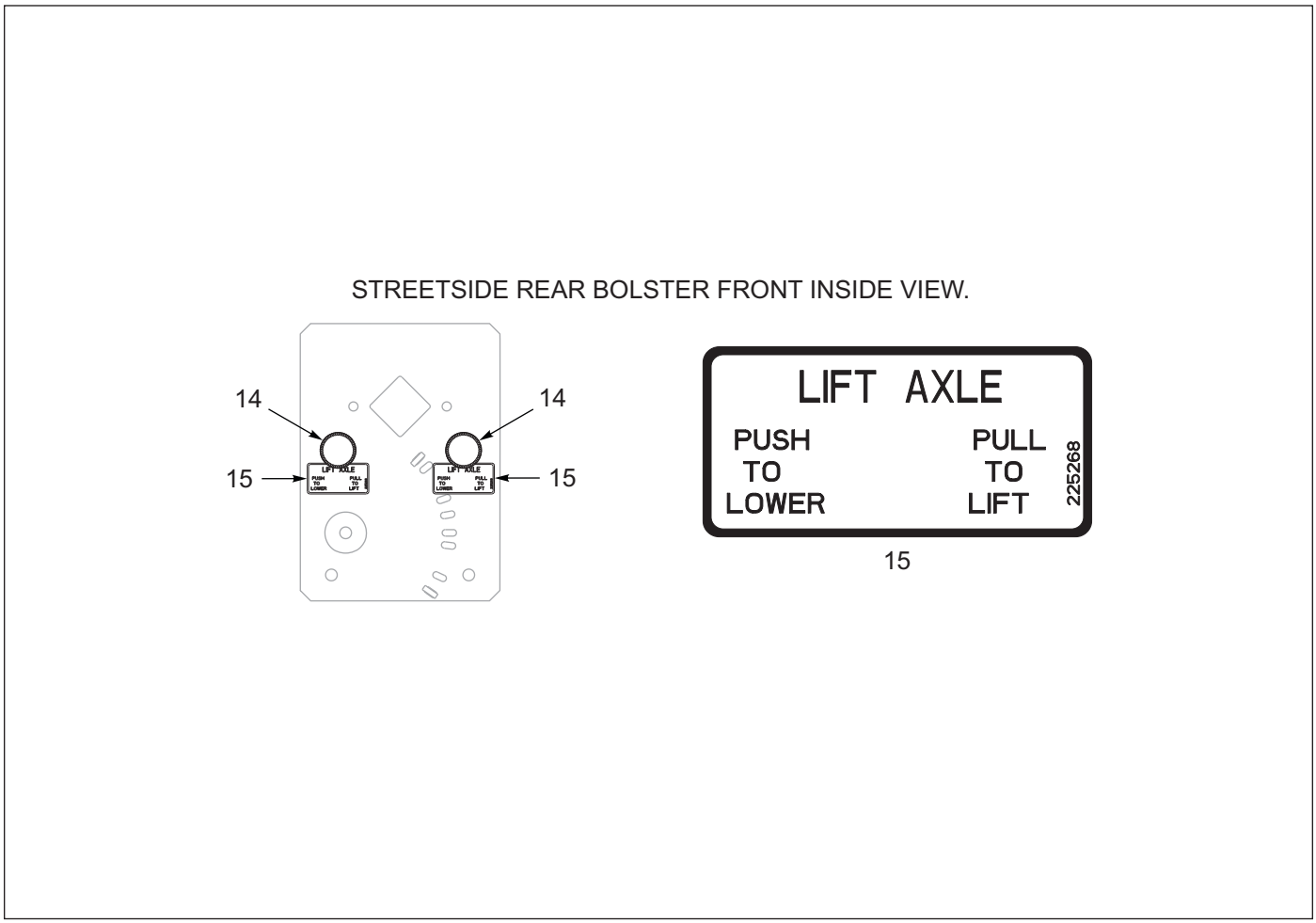


Figure 10-37: Suspension Lift, 1st / 3rd Axle (Option) (Before 12/01/2023 (2 of 2)

Suspension Lift, 1st / 3rd Axle (Option) (Before 12/01/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227078	CONTROL INSTL AXLE LIFT 1&3	- -
	140450	REAR SUSPENSION AIR LIFT ASSEMBLY	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	6
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	6
4	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	2
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	1-297-010010-04	FITTING,AIR,UN/TEE3/8X3/8X1/4	1
8	1-297-010011-04	FITTING,AIR,M/RUN TEE 3/8-1/4	3
9	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	3
10	1-833-010001	TUBING NYLON 1/4 OD **(BLACK -BY THE FOOT)**	20
11	164087	AIR SPRING **(INSTALLATION - SEE PAGE 5-31)**	2
12	164092	VALVE REGULATOR ASSEMBLY	2
13	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	15
14	223150	VALVE,AIR 5WAY/2POS 3/8NPT **(INCLUDES ITEM 16)**	2
15	225268	DECAL,LIFT AXLE OPER	2
16	227010	KNOB REPL PUSH/PULL H10 **(INCLUDED WITH ITEM 14)**	2

Suspension Lift, 1st / 3rd Axle (Option) (After 12/01/2023)

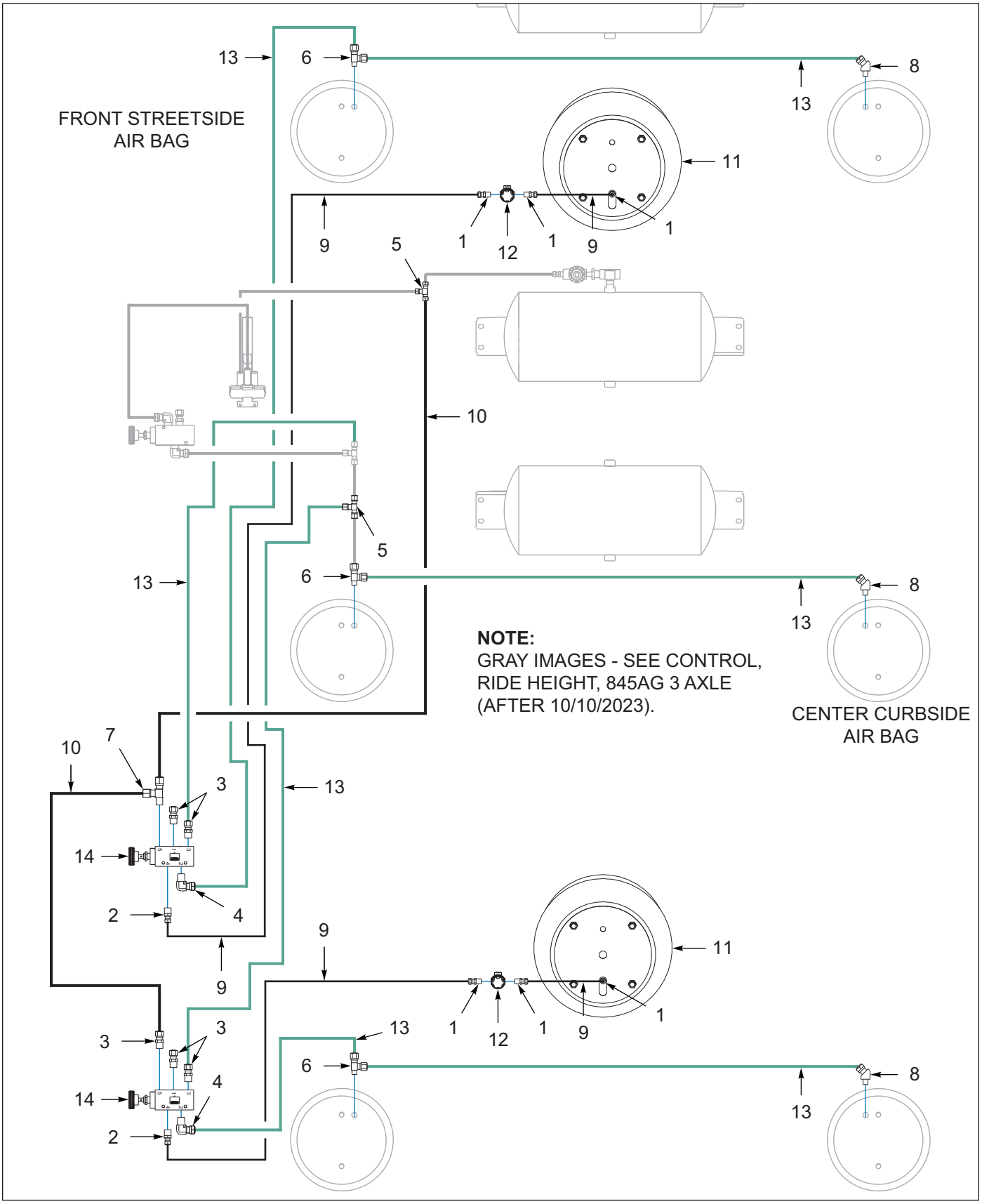


Figure 10-38: Suspension Lift, 1st / 3rd Axle (Option) (After 12/01/2023) (1 of 2)

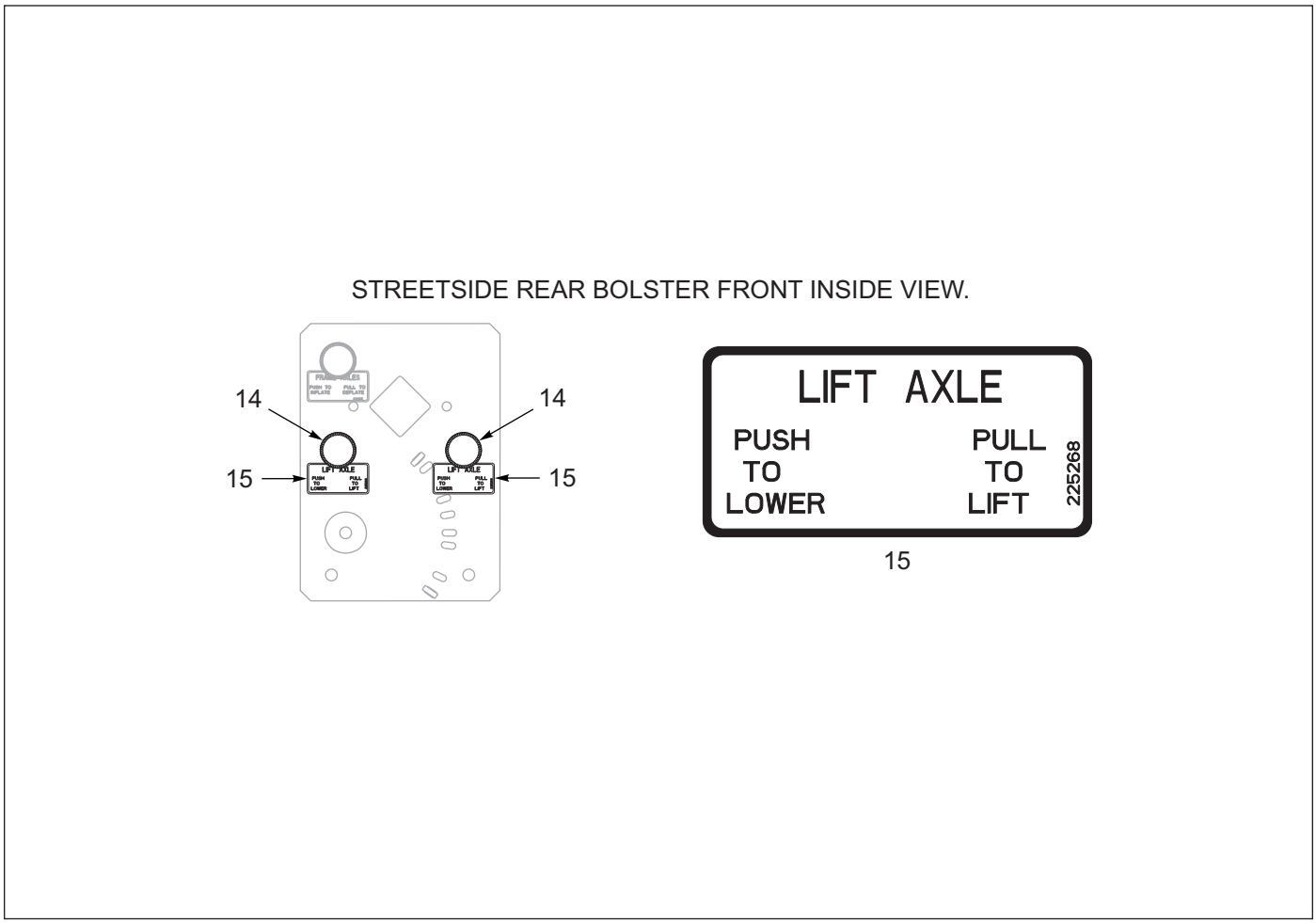


Figure 10-39: Suspension Lift, 1st / 3rd Axle (Option) (After 12/01/2023 (2 of 2)

Suspension Lift, 1st / 3rd Axle (Option) (After 12/01/2023)

ITEM	PART NUMBER	DESCRIPTION	QTY.
	227078	CONTROL INSTL AXLE LIFT 1&3	- -
	140450	REAR SUSPENSION AIR LIFT ASSEMBLY	- -
1	1-297-010007-05	FITTING, AIR, 1/4TUBEX1/4NPT	6
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	5
4	1-297-010008-20	FITTING,AIR 90 3/8TUBEX3/8NPT	2
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	3
7	1-297-010011-05	FITTING,AIR,M/RUN TEE 3/8-3/8	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)**	20
10	1-833-010002	TUBING NYLON 3/8 OD **(BLACK -BY THE FOOT)**	8
11	164087	AIR SPRING **(INSTALLATION - SEE PAGE 5-31)**	2
12	164092	VALVE REGULATOR ASSEMBLY	2
13	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	15
14	223150	VALVE,AIR 5WAY/2POS 3/8NPT **(INCLUDES ITEM 16)**	2
15	225268	DECAL,LIFT AXLE OPER	2
16	227010	KNOB REPL PUSH/PULL H10 **(INCLUDED WITH ITEM 14)**	2

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

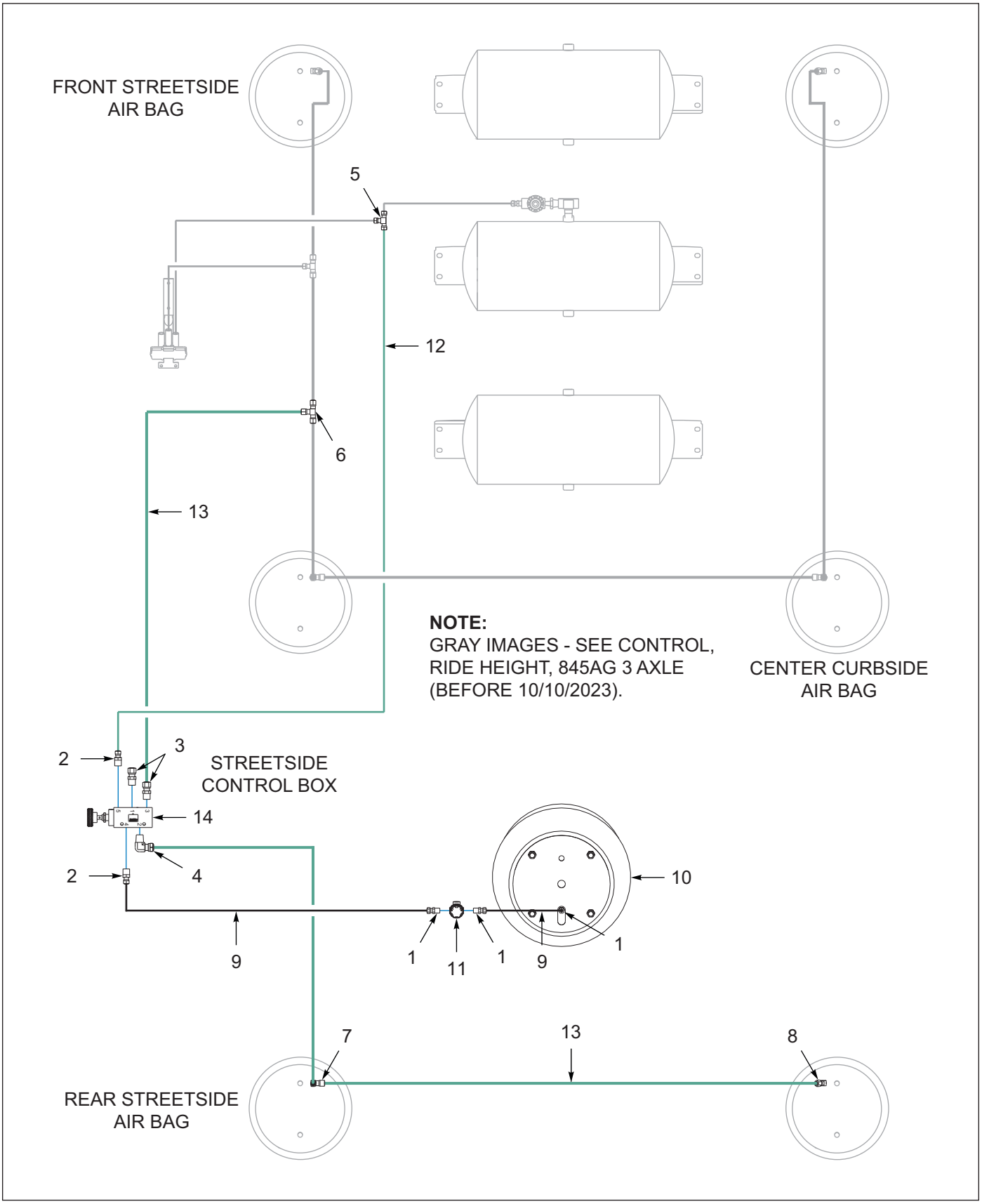


Figure 10-40: Suspension Lift, 3rd Axle (Option) (Before 12/01/2023) (1 of 2)

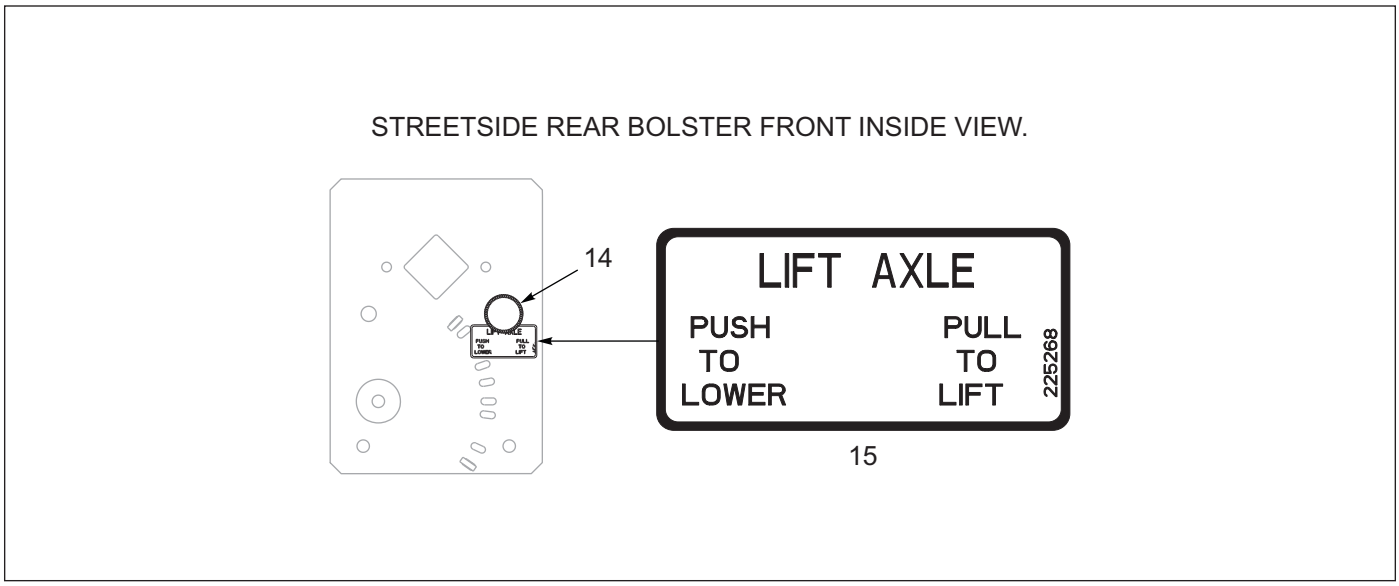


Figure 10-41: Suspension Lift, 3rd Axle (Option) (Before 12/01/2023) (2 of 2)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	227042	CONTROL LIFT AXLE 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	2
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	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	1
9	1-833-010001	TUBING NYLON 1/4 OD **(BLACK - BY THE FOOT)**	10
10	164087	AIR SPRING **(INSTALLATION - SEE PAGE 5-31)**	1
11	164092	VALVE REGULATOR ASSEMBLY	1
12	213452	TUBING 1/4 OD DARK GREEN **(BY THE FOOT)**	6
13	213453	TUBING 3/8 OD 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)

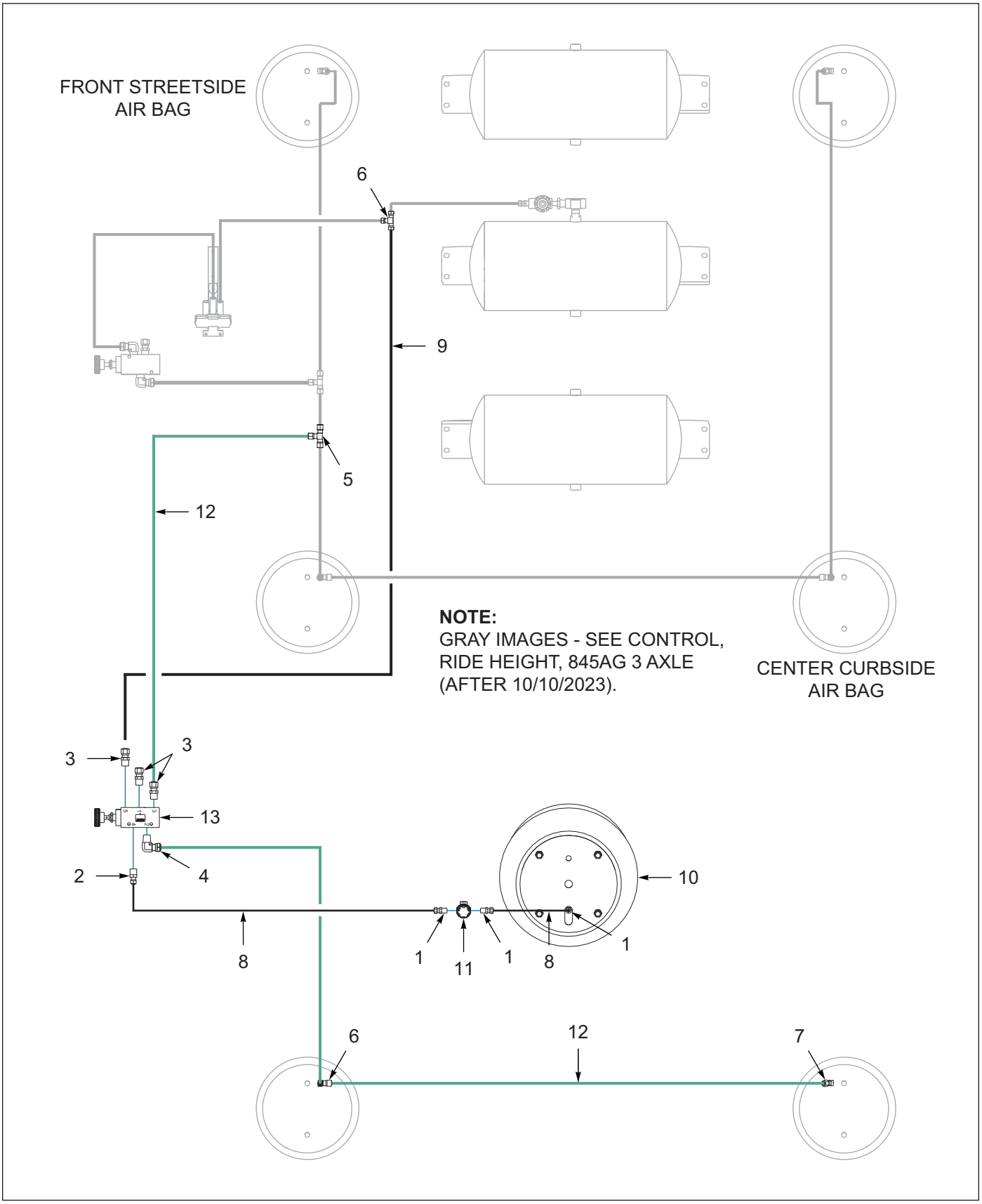


Figure 10-42: Suspension Lift, 3rd Axle (Option) (After 12/01/2023) (1 of 2)

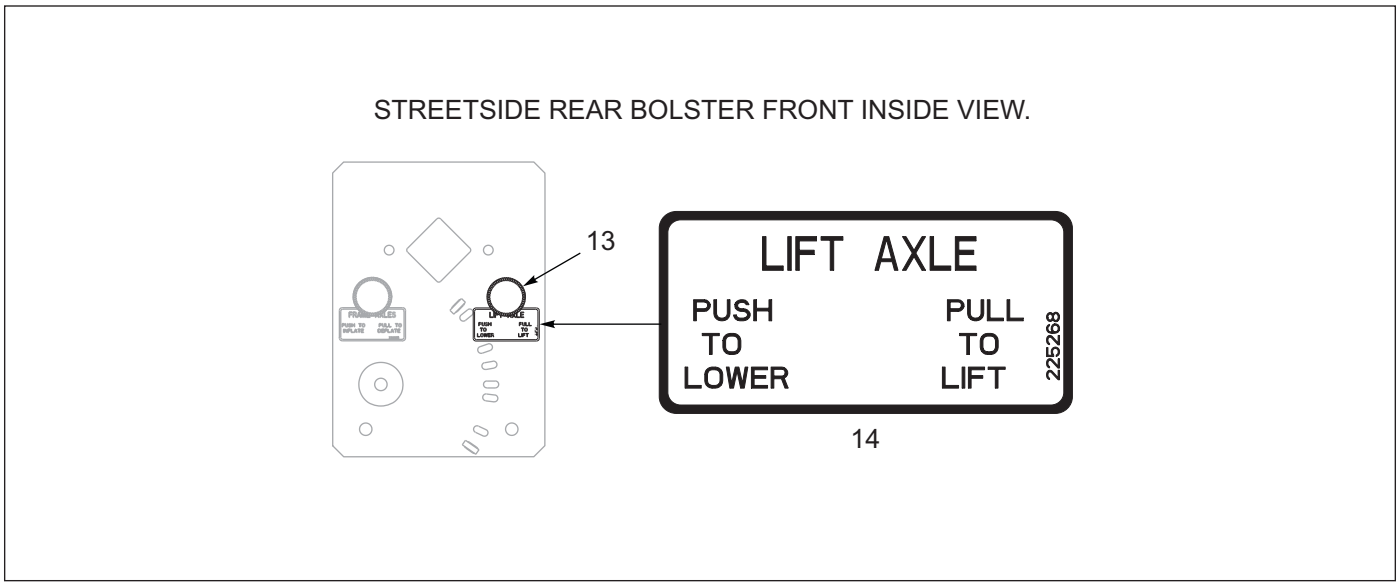


Figure 10-43: Suspension Lift, 3rd Axle (Option) (After 12/01/2023) (2 of 2)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	227042	CONTROL LIFT AXLE 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	3
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	1-297-010013-11	FITTING,AIR,45 M/ELB3/8T-1/4P	1
8	1-833-010001	TUBING NYLON 1/4 OD **(BLACK - BY THE FOOT)**	10
9	1-833-010002	TUBING NYLON 3/8 OD **(BLACK - BY THE FOOT)**	8
10	164087	AIR SPRING **(INSTALLATION - SEE PAGE 5-31)**	1
11	164092	VALVE REGULATOR ASSEMBLY	1
12	213453	TUBING 3/8 OD DARK GREEN **(BY THE FOOT)**	12
13	223150	VALVE,AIR 5WAY/2POS 3/8NPT **(INCLUDES ITEM 15)**	1
14	225268	DECAL,LIFT AXLE OPER	1
15	227010	KNOB REPL PUSH/PULL H10 **(INCLUDED WITH ITEM 13)**	1

Tire Inflation System, 2 Axle Drum 825AG (Option)

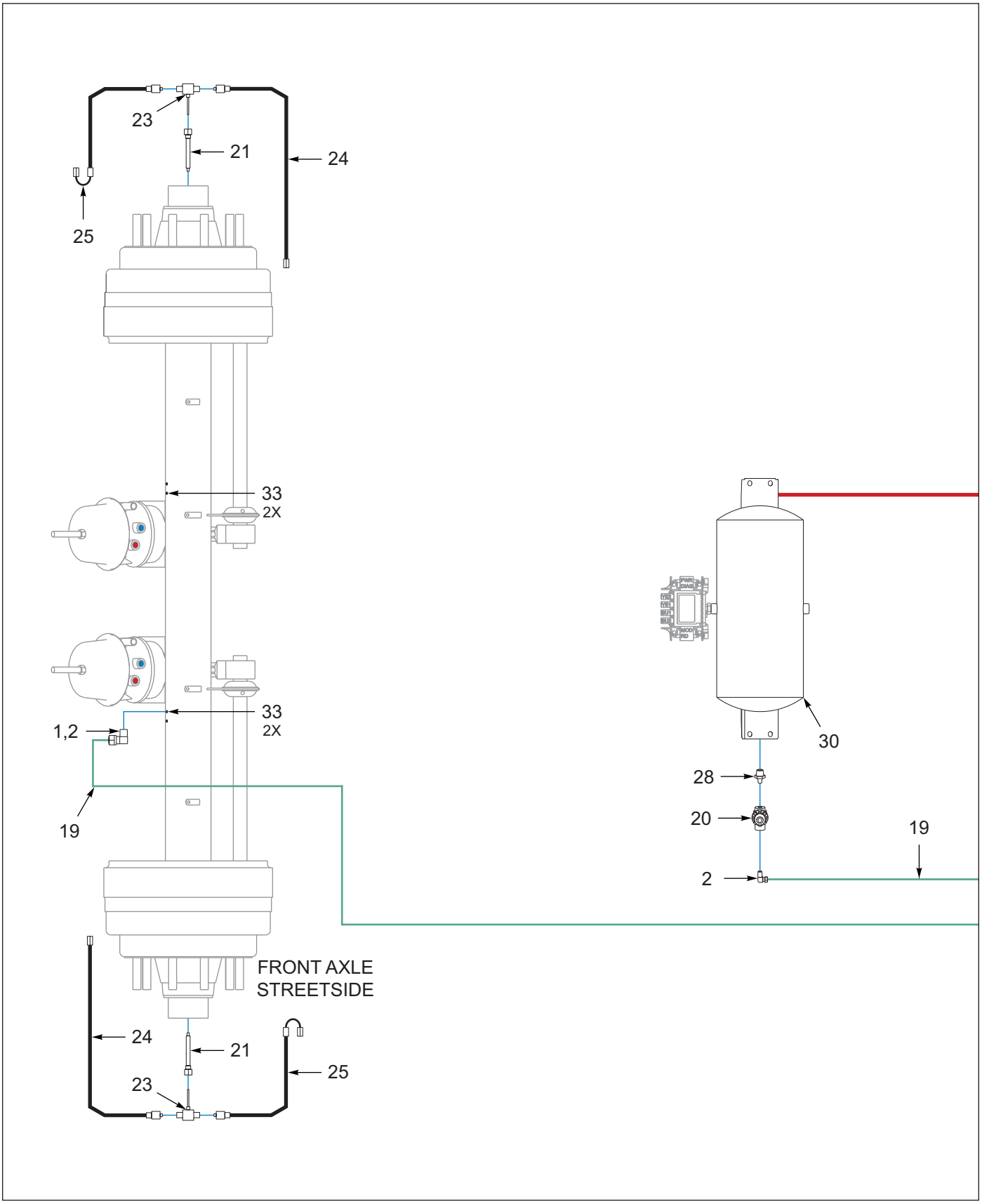


Figure 10-44: Tire Inflation System, 2 Axle Drum 825AG (Option) (1 of 3)

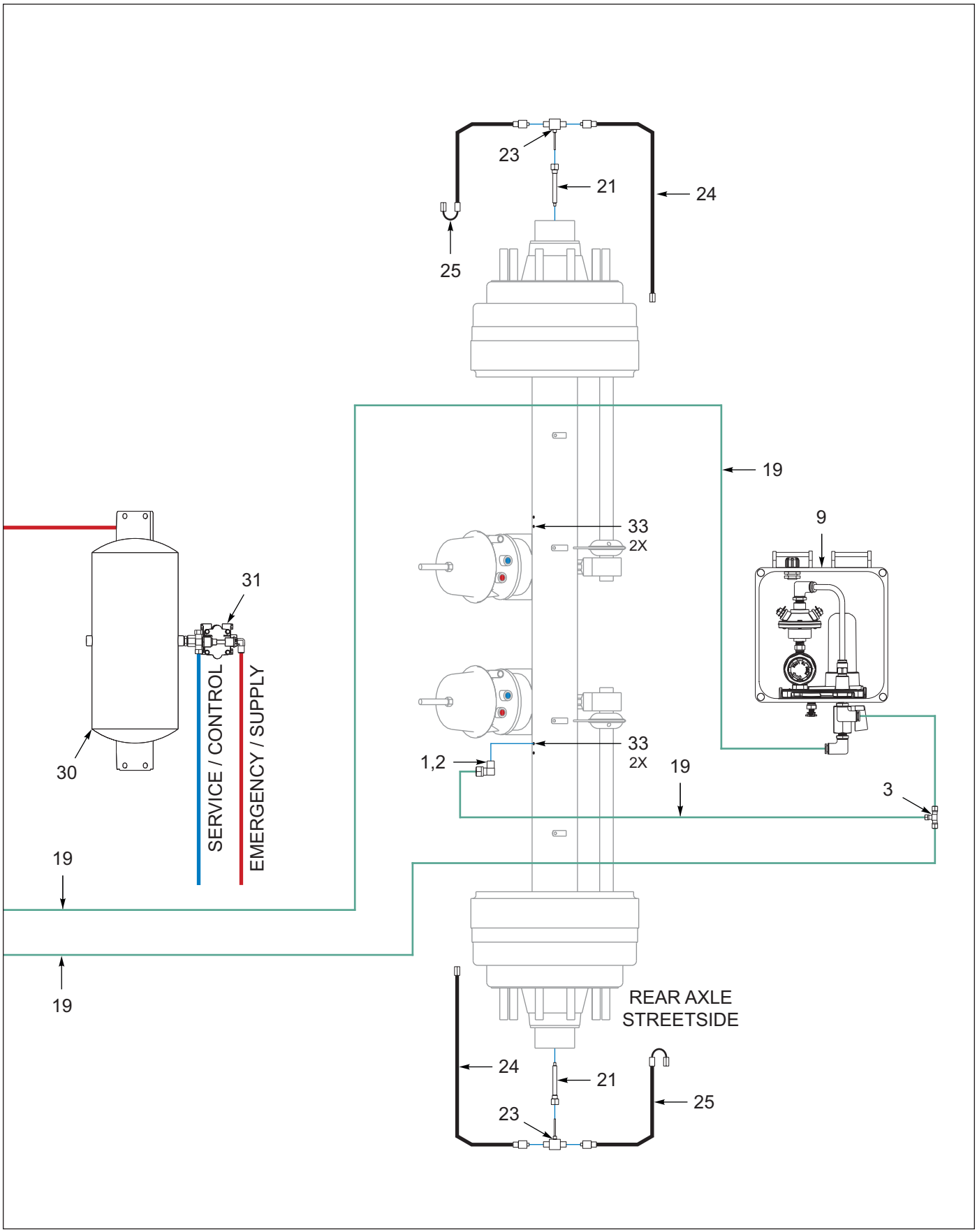
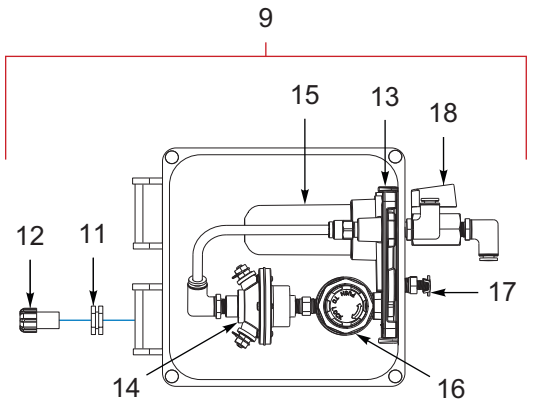
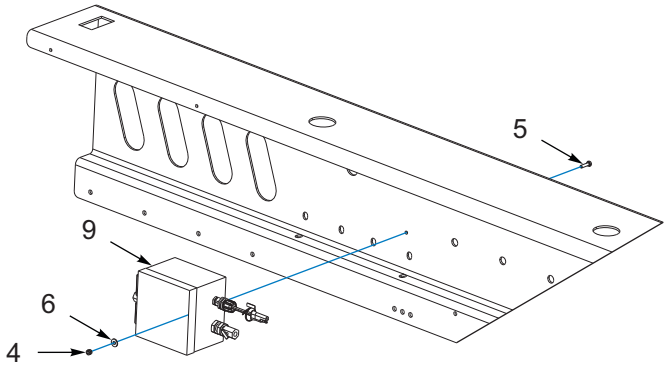
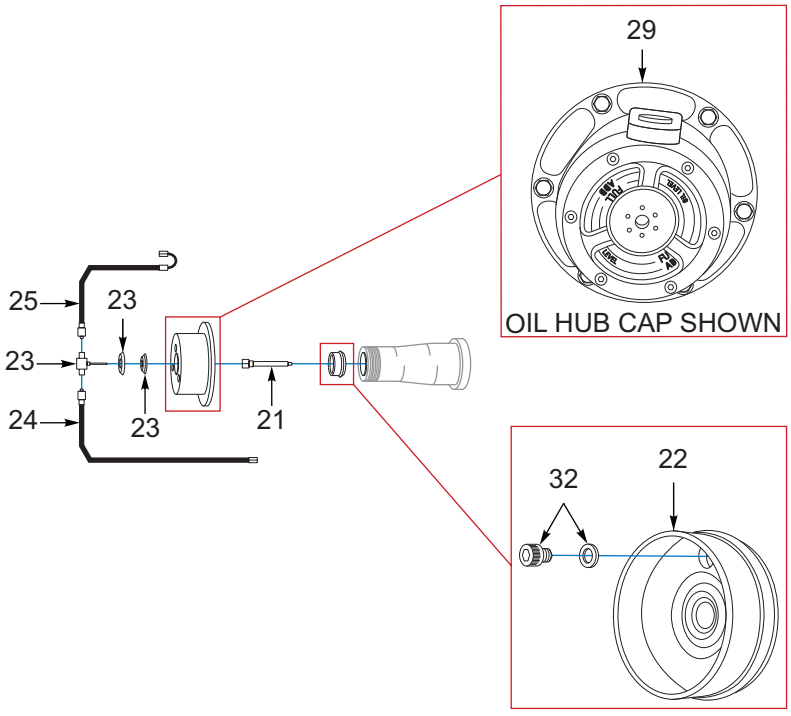


Figure 10-45: Tire Inflation System, 2 Axle Drum 825AG (Option) (2 of 3)





VIEW OF INSIDE REAR BUMPER



NOT SHOWN:
7 - Locktite 592
8 - Thermalert Kit (9-27)
10 - Control Box Lid
26 - Decal, Orange Warning
27 - Decal, Yellow Warning

Figure 10-46: Tire Inflation System, 2 Axle Drum 825AG (Option) (3 of 3)

Tire Inflation System, 2 Axle Drum 825AG (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
1	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT **(BEFORE 10/09/2024)**	2
2	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT **(INCLUDE WITH ITEM 8) (BEFORE 10/09/2024, REQ 1) (AFTER 10/09/2024, REQ 3)**	3
3	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	1
4	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	3
5	1-654-010047-07	SCREW,HX CP 1/4-20UNCX1-1/4G5	3
6	1-861-010032-07	WASHER,FLAT 1/4 ZP	3
7	115629	LOCKTITE 592 250ML TUBE **(NOT SHOWN)**	0.25
8	168593	THERMALERT TIS 2 AXLE **(INCLUDES ITEMS 2, 9-28) (ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
9	168618	THERMALERT CONTROL BOX **(ASSEMBLY INCLUDES ITEMS 10-18) (ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
10	216705	CONTROL BOX LID **(NOT SHOWN)**	1
11	106-0006	NUT 1/2 CONDUIT STL	1
12	20125	STRAIN RELIEF, 1/4TO3/8	1
13	230613	TIS MANIFOLD ASSY **(INCLUDES ITEMS 15-16 AND GASKET, 4 SCREWS & 8" AIR LINE)**	1
14	180229	FLOW SENSING SWITCH **(ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
15	- - - - -	PARTICULATE FILTER ASSEMBLY **(INCLUDED WITH ITEM 13)**	- -
16	- - - - -	PRESSURE REGULATOR **(INCLUDED WITH ITEM 13)**	- -
17	180225	PETCOCK	1
18	180223	SHUT-OFF VALVE	1
19	- - - - -	TUBING NYLON 1/4 LT GREEN 25FT	- -
20	168610	THERMALERT PRESS PROT VALVE	1
21	168616	THERMALERT STATOR & FILTER ASM **(2 PER AXLE)**	4
22	168617	THERMALERT PRESS PLUG ASSY **(2 PER AXLE) (INCLUDES ITEM 32)**	4
23	178592	THRU TEE ASSEMBLY 4.25" **(INCLUDES SHIELD & VENT CAP) (2 PER AXLE)**	4
24	180839	TIS LONG HOSE **(17" LONG) (2 PER AXLE)**	4
25	180840	TIS SHORT HOSE **(13-1/2" LONG) (2 PER AXLE)**	4
26	205836	ORANGE WARNING DECAL TIS **(NOT SHOWN)**	1
27	205837	YELLOW WARNING DECAL TIS **(NOT SHOWN)**	2
28	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
29	197613	HUB CAP TIS OIL AXLE **(STANDARD) (2 PER AXLE)**	4
29	197318	HUB CAP TIS GREASE AXLE **(OPTION) (2 PER AXLE)**	4
30	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS	- -
31	758-181	VALVE TASK 4 PORT	1
32	228069	THERMALERT THERMAL PLUG KIT **(INCLUDED WITH ITEM 22) (INCLUDES 1 PLUG AND 1 GASKET) (2 PER AXLE)**	1
33	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

Tire Inflation System, 2 Axle Drum 835 / 845AG (Option)

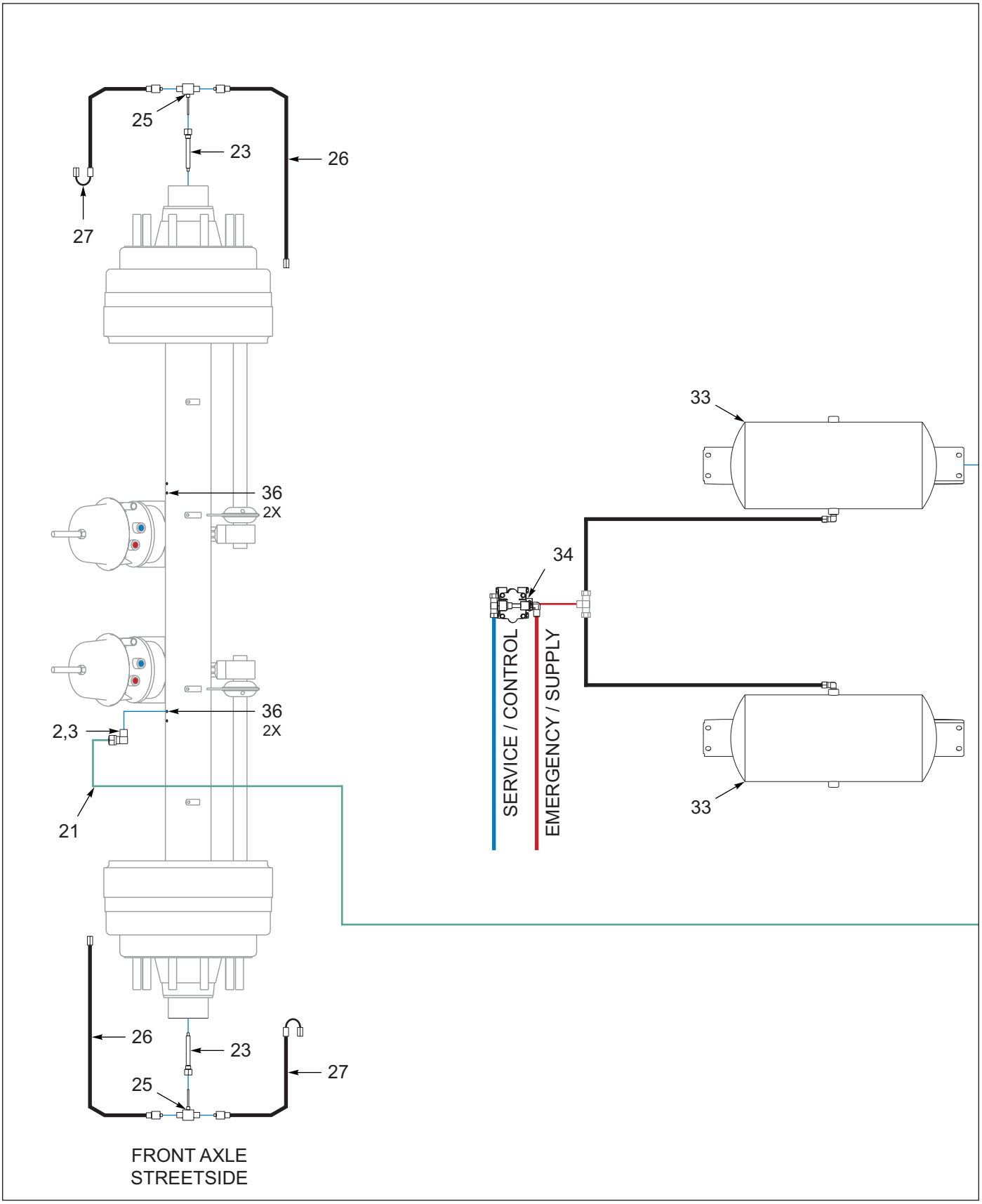


Figure 10-47: Tire Inflation System, 2 Axle Drum 835 / 845AG (Option) (1 of 3)

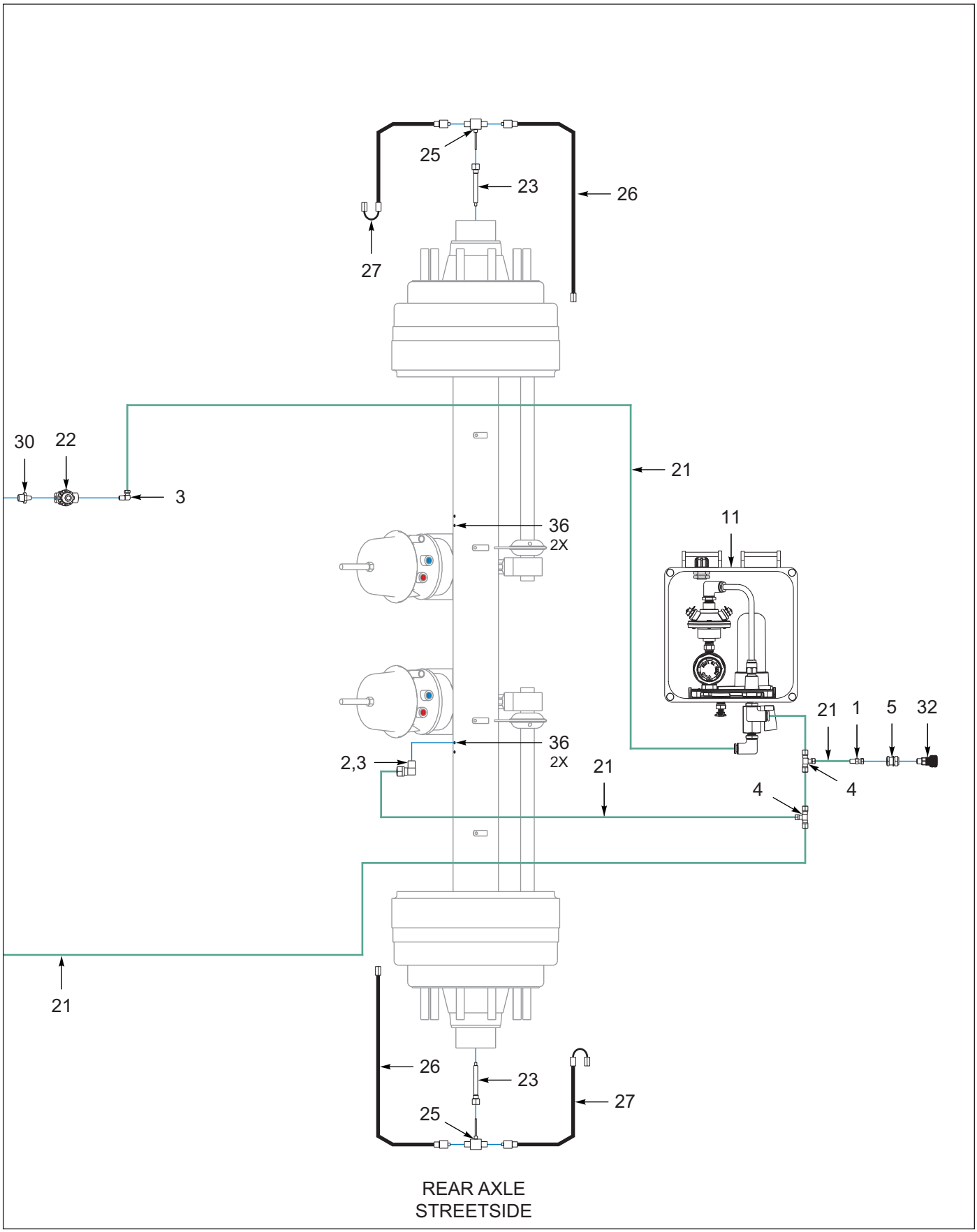


Figure 10-48: Tire Inflation System, 2 Axle Drum 835 / 845AG (Option) (2 of 3)

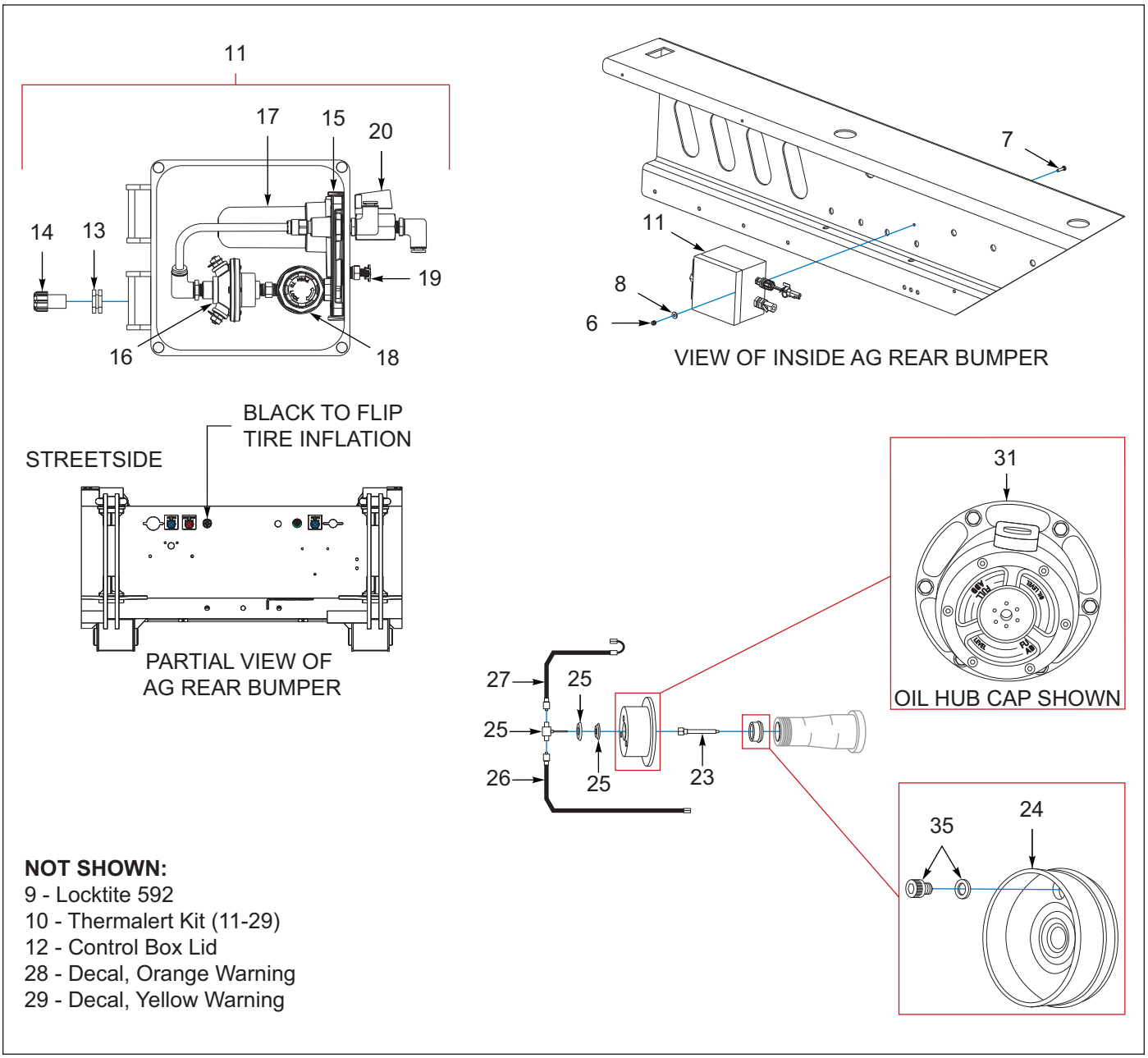


Figure 10-49: Tire Inflation System, 2 Axle Drum 835 / 845AG (Option) (3 of 3)

Tire Inflation System, 2 Axle Drum 835 / 845AG (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	223305	2 AXLE TIS DETACH W/FLIP PROV	- -
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
1	1-297-010007-06	FITTING,AIR,1/4TUBE TO 3/8NPT	1
2	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT **(BEFORE 10/09/2024)**	2
3	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT **(INCLUDE WITH ITEM 8) (BEFORE 10/09/2024, REQ 1) (AFTER 10/09/2024, REQ 3)**	3
4	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	2
5	1-297-010022-03	FITTING,AIR ANCHR CPLG, 3/8NPT	1
6	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	3

Tire Inflation System, 2 Axle Drum 835 / 845AG (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
7	1-654-010047-07	SCREW,HX CP 1/4-20UNCX1-1/4G5	3
8	1-861-010032-07	WASHER,FLAT 1/4 ZP	3
9	115629	LOCKTITE 592 250ML TUBE **(NOT SHOWN)**	0.25
10	168593	THERMALERT TIS 2 AXLE **(INCLUDES ITEMS 2, 11-29)** **(ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
11	168618	THERMALERT CONTROL BOX **(ASSEMBLY INCLUDES ITEMS 12-20)** **(ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
12	216705	CONTROL BOX LID **(NOT SHOWN)**	1
13	106-0006	NUT 1/2 CONDUIT STL	1
14	20125	STRAIN RELIEF, 1/4TO3/8	1
15	230613	TIS MANIFOLD ASSY **(INCLUDES ITEMS 16-17 AND GASKET, 4 SCREWS & 8" AIR LINE)**	1
16	180229	FLOW SENSING SWITCH **(ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
17	- - - - -	PARTICULATE FILTER ASSEMBLY **(INCLUDED WITH ITEM 15)** **(INCLUDES FILTER AND BOWL)**	- -
18	- - - - -	PRESSURE REGULATOR **(INCLUDED WITH ITEM 15)**	- -
19	180225	PETCOCK	1
20	180223	SHUT-OFF VALVE	1
21	- - - - -	TUBING NYLON 1/4 LT GREEN 25FT	- -
22	168610	THERMALERT PRESS PROT VALVE	1
23	168616	THERMALERT STATOR & FILTER ASM **(2 PER AXLE)**	4
24	168617	THERMALERT PRESS PLUG ASSY **(2 PER AXLE)** **(INCLUDES ITEM 35)**	4
25	178592	THRU TEE ASSEMBLY 4.25" **(INCLUDES SHIELD & VENT CAP)** **(2 PER AXLE)**	4
26	180839	TIS LONG HOSE **(17" LONG) (2 PER AXLE)**	4
27	180840	TIS SHORT HOSE **(13-1/2" LONG) (2 PER AXLE)**	4
28	205836	ORANGE WARNING DECAL TIS **(NOT SHOWN)**	1
29	205837	YELLOW WARNING DECAL TIS **(NOT SHOWN)**	2
30	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
31	197613	HUB CAP TIS OIL AXLE **(STANDARD) (2 PER AXLE)**	4
31	197318	HUB CAP TIS GREASE AXLE **(OPTION) (2 PER AXLE)**	4
32	3-220-010004	COUPLER AIR FEMALE 3/8-18MPT **(UNPAINTED)**	1
33	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS	- -
34	758-181	VALVE TASK 4 PORT	1
35	228069	THERMALERT THERMAL PLUG KIT **(2 PER AXLE) (INCLUDED WITH ITEM 24) (INCLUDES 1 PLUG AND 1 GASKET)**	1
36	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

Tire Inflation System, 3 Axle Drum 845AG (Option)

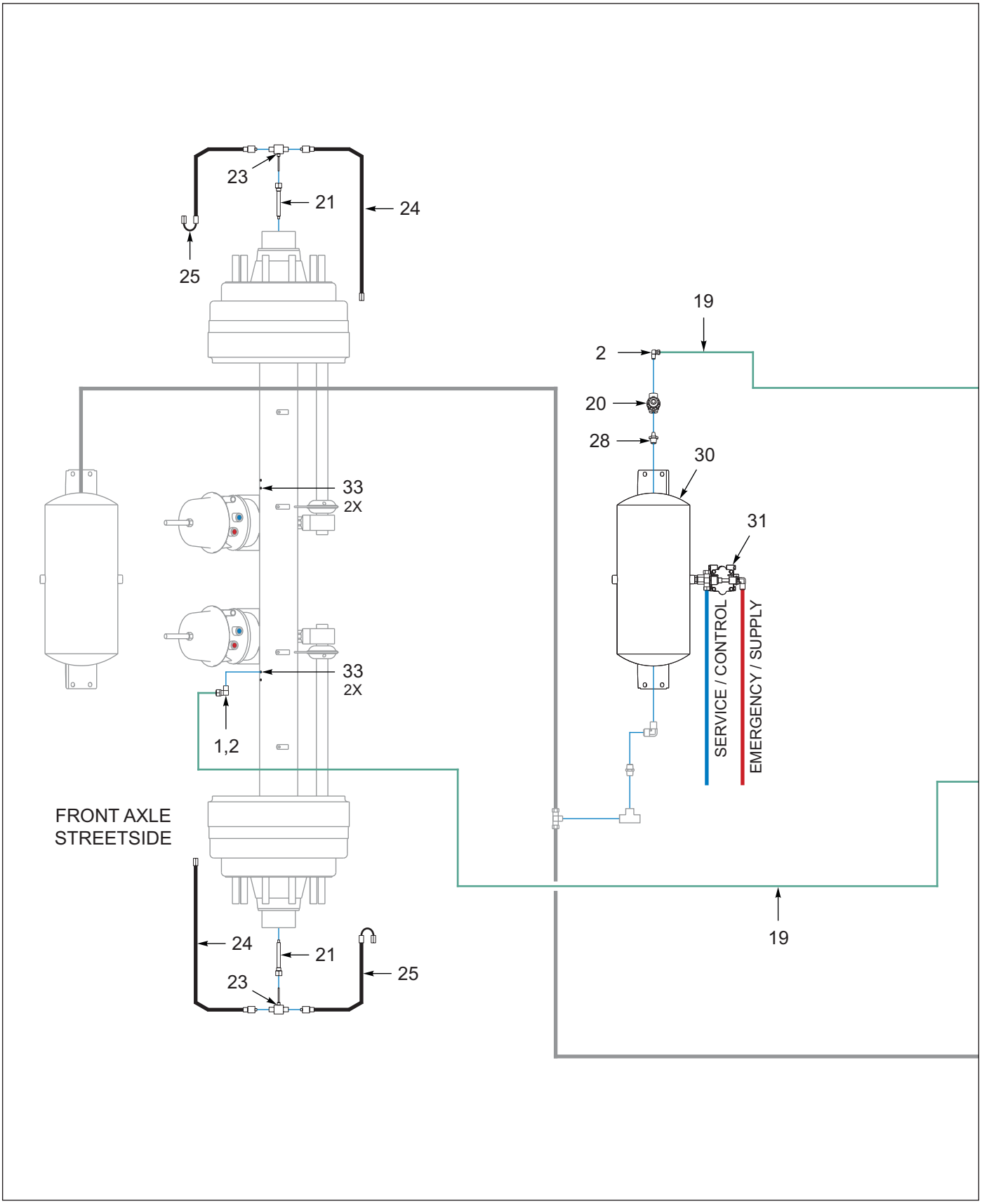


Figure 10-50: Tire Inflation System, 3 Axle Drum 845AG (Option) (1 of 3)

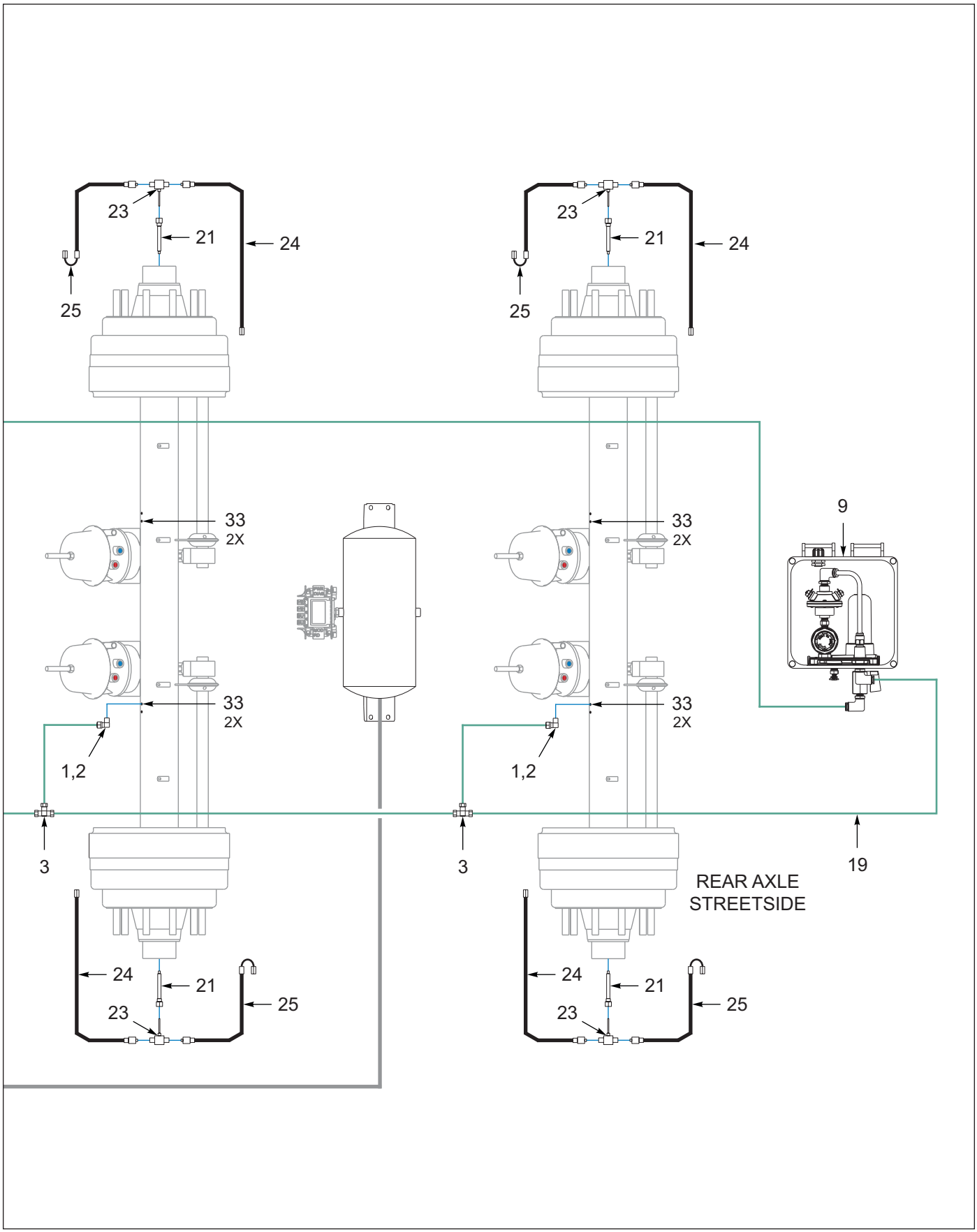


Figure 10-51: Tire Inflation System, 3 Axle Drum 845AG (Option) (2 of 3)

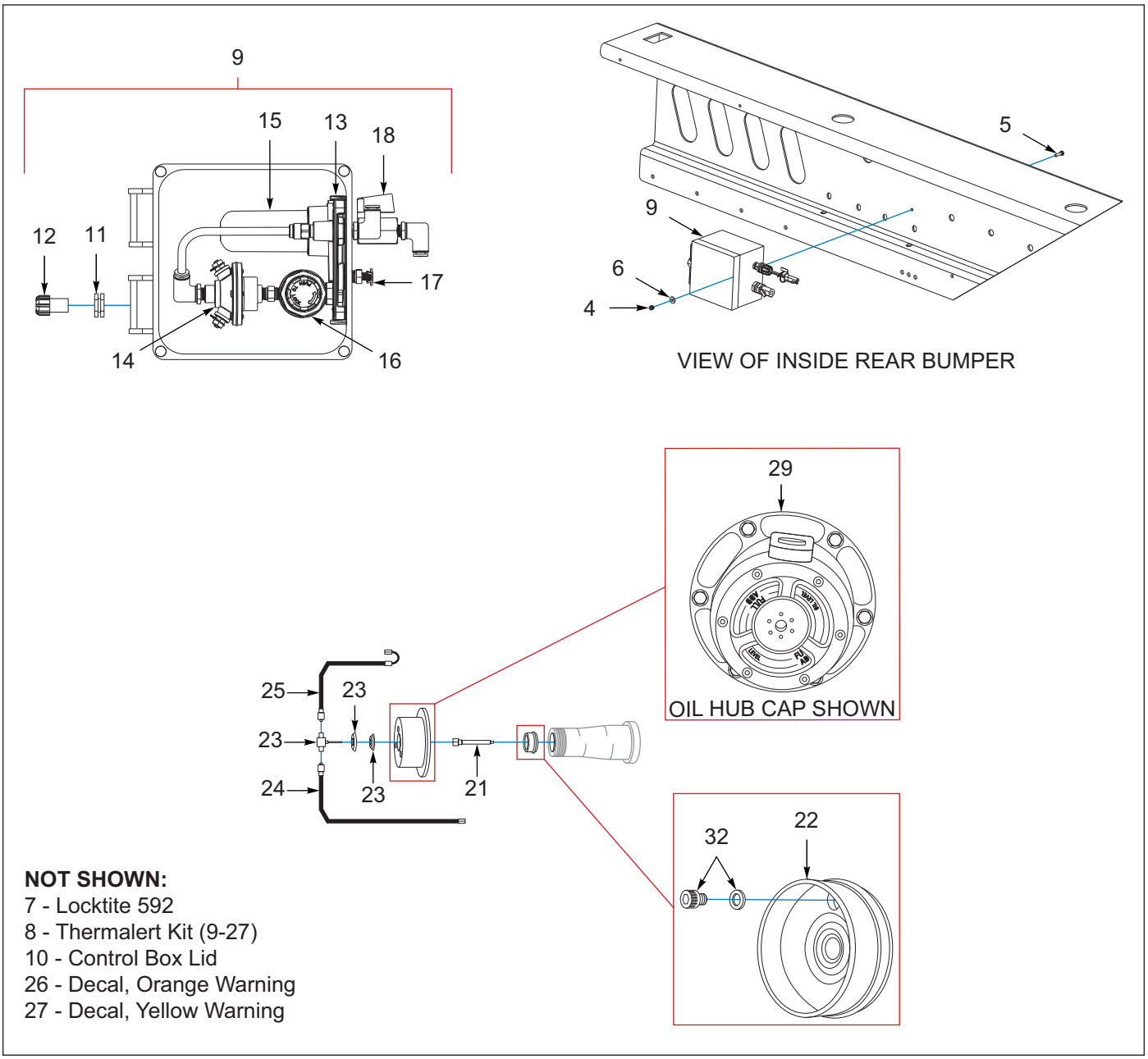


Figure 10-52: Tire Inflation System, 3 Axle Drum 845AG (Option) (3 of 3)

Tire Inflation System, 3 Axle Drum 845AG (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	238328	3 AXLE TIS DETACH RIGID FRAME	- -
	204038	SUSP AS SY RLU-250 855E TIS	- -
1	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT **(BEFORE 10/09/2024)**	3
2	1-297-010008-07	FITTING AIR 90 1/4TUBEX1/4NPT **(INCLUDE WITH ITEM 8) (BEFORE 10/09/2024, REQ 1) (AFTER 10/09/2024, REQ 4)**	4
3	1-297-010010-01	FITTING,AIR,UNION TEE 1/4	2
4	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	3
5	1-654-010047-07	SCREW,HX CP 1/4-20UNCX1-1/4G5	3
6	1-861-010032-07	WASHER,FLAT 1/4 ZP	3

Tire Inflation System, 3 Axle Drum 845AG (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
7	115629	LOCKTITE 592 250ML TUBE **(NOT SHOWN)**	0.25
8	195395	THERMALERT TIS 3 AXLE **(INCLUDES ITEMS 2, 9-27)** **(ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
9	168618	THERMALERT CONTROL BOX **(ASSEMBLY INCLUDES ITEMS 10-18)** **(ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
10	216705	CONTROL BOX LID **(NOT SHOWN)**	1
11	106-0006	NUT 1/2 CONDUIT STL	1
12	20125	STRAIN RELIEF, 1/4TO3/8	1
13	230613	TIS MANIFOLD ASSY **(INCLUDES ITEMS 15-16 AND GASKET, 4 SCREWS & 8" AIR LINE)**	1
14	180229	FLOW SENSING SWITCH **(ELECTRICAL SYSTEM - SEE PAGE 11-55)**	1
15	- - - - -	PARTICULATE FILTER ASSEMBLY **(INCLUDED WITH ITEM 13)**	- -
16	- - - - -	PRESSURE REGULATOR **(INCLUDED WITH ITEM 13)**	- -
17	180225	PETCOCK	1
18	180223	SHUT-OFF VALVE	1
19	- - - - -	TUBING NYLON 1/4 LT GREEN 25FT	- -
20	168610	THERMALERT PRESS PROT VALVE	1
21	168616	THERMALERT STATOR & FILTER ASM **(2 PER AXLE)**	6
22	168617	THERMALERT PRESS PLUG ASSY **(2 PER AXLE)** **(INCLUDES ITEM 32)**	6
23	178592	THRU TEE ASSEMBLY 4.25" **(INCLUDES SHIELD & VENT CAP)** **(2 PER AXLE)**	6
24	180839	TIS LONG HOSE **(17" LONG) (2 PER AXLE)**	6
25	180840	TIS SHORT HOSE **(13-1/2" LONG) (2 PER AXLE)**	6
26	205836	ORANGE WARNING DECAL TIS **(NOT SHOWN)**	1
27	205837	YELLOW WARNING DECAL TIS **(NOT SHOWN)**	2
28	2083-8-4S	NIPPLE HEX 1/2PIPE - 1/4PIPE	1
29	197613	HUB CAP TIS OIL AXLE **(STANDARD) (2 PER AXLE)**	6
29	197318	HUB CAP TIS GREASE AXLE **(OPTION) (2 PER AXLE)**	6
30	3-780-010002	TANK AIR 9.5X22.5 .5NPT PORTS	- -
31	758-181	VALVE TASK 4 PORT	1
32	228069	THERMALERT THERMAL PLUG KIT **(2 PER AXLE) (INCLUDED WITH ITEM 22)** **(INCLUDES 1 PLUG AND 1 GASKET)**	1
33	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

Tire Inflation System, Flip Axle Drum (Option)

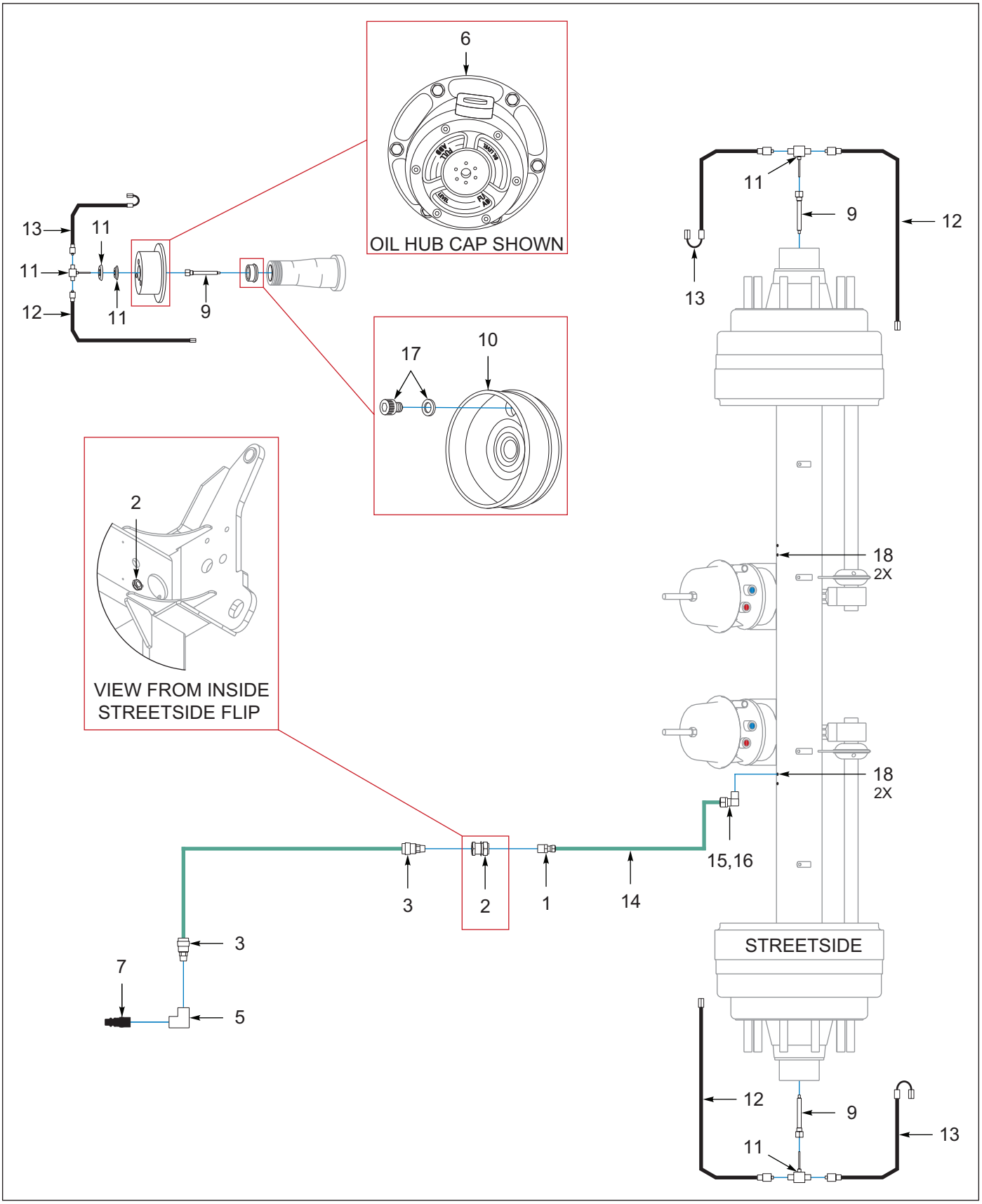


Figure 10-53: Tire Inflation System, Flip Axle Drum (Option)

Tire Inflation System, Flip Axle Drum (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	- -
15	1-297-010008-05	FITTING,AIR 90 1/4TUBEX1/8NPT **(BEFORE 10/09/2024)**	1
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

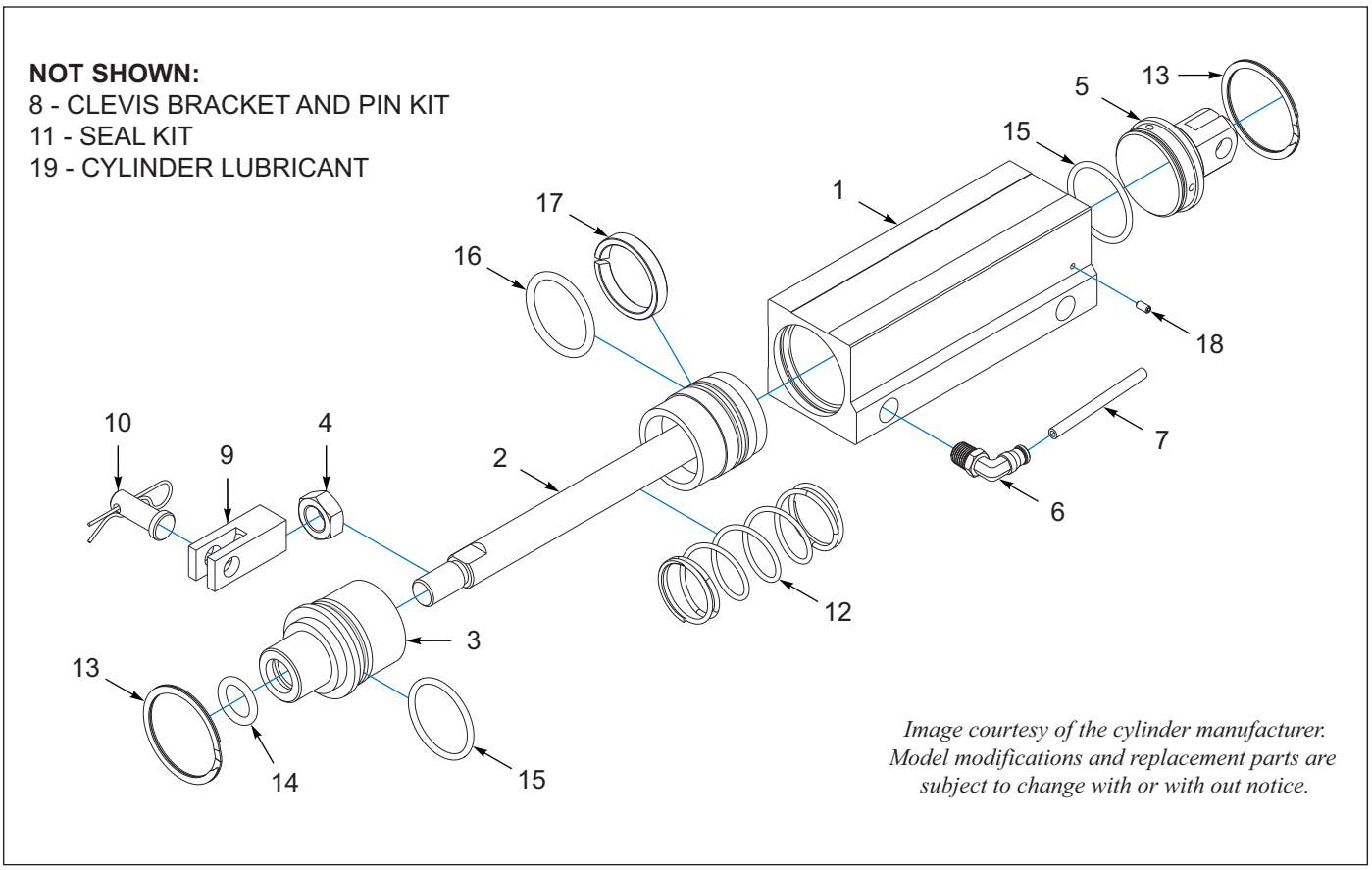


Figure 10-54: Cylinder Components, Gooseneck Load Carrier, 1-3/4

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 **(6 TO 9 INCHES)**	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

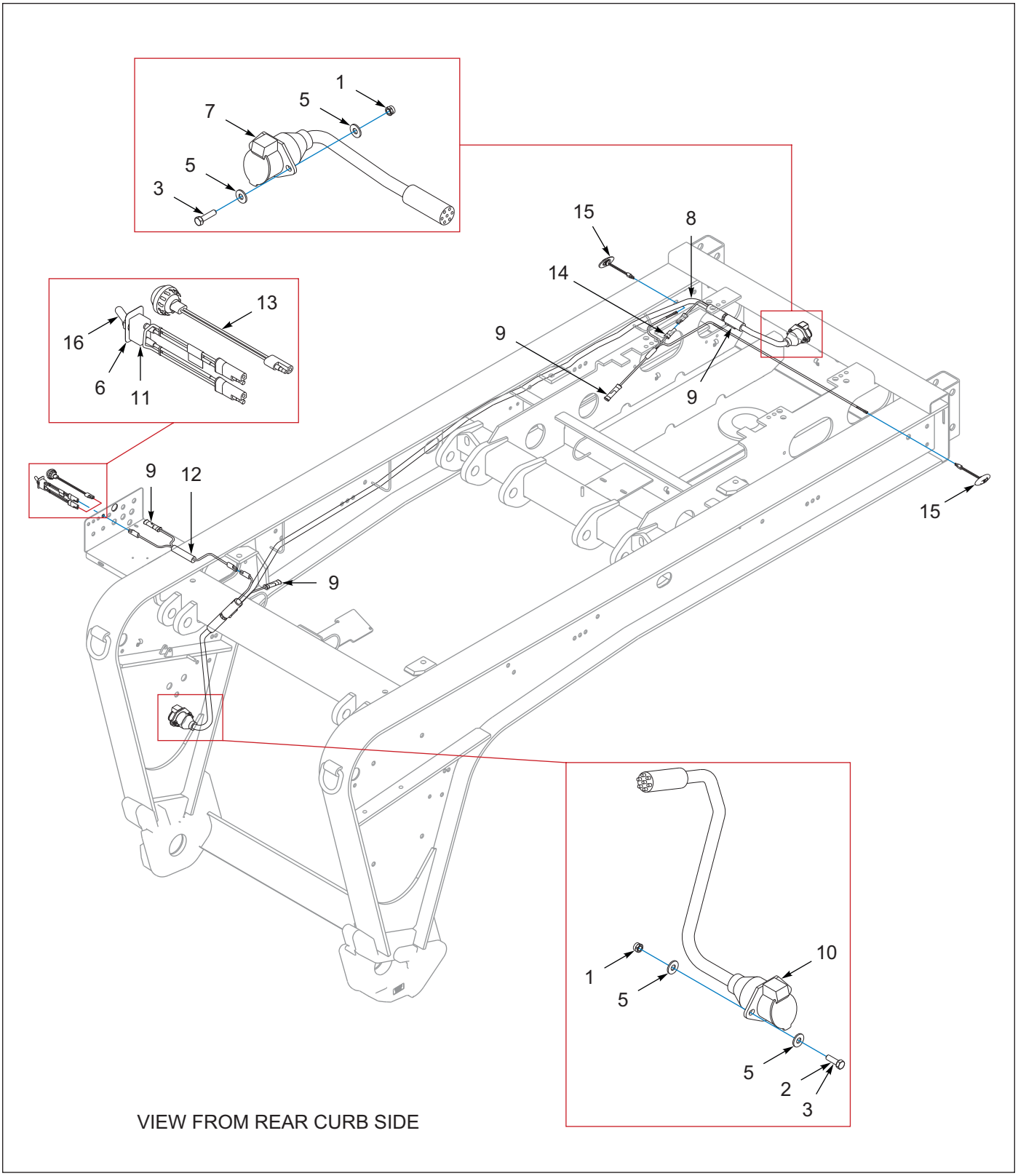


Figure 11-1: Gooseneck Assembly, Standard Duty / Heavy Duty (1 of 2)

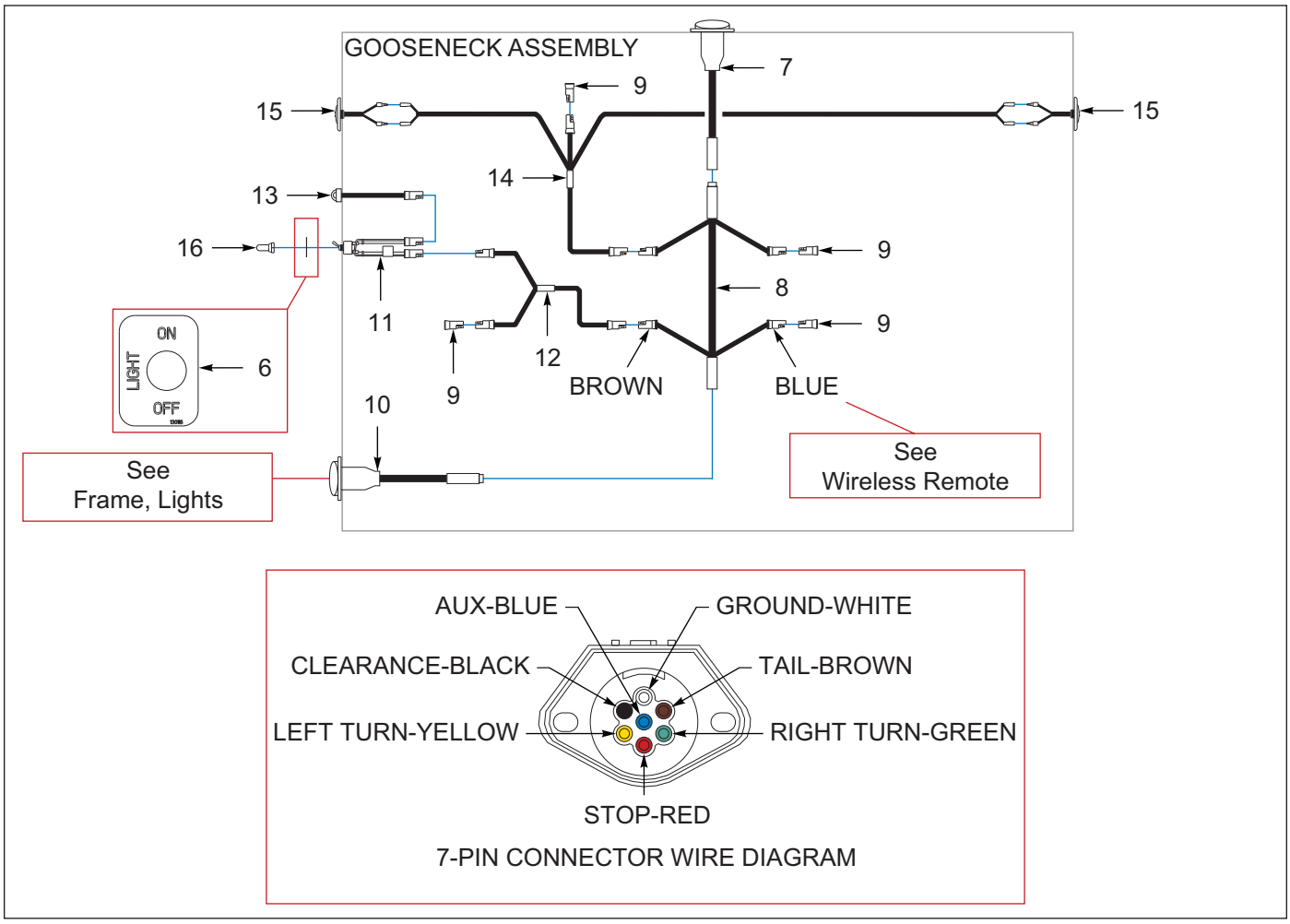


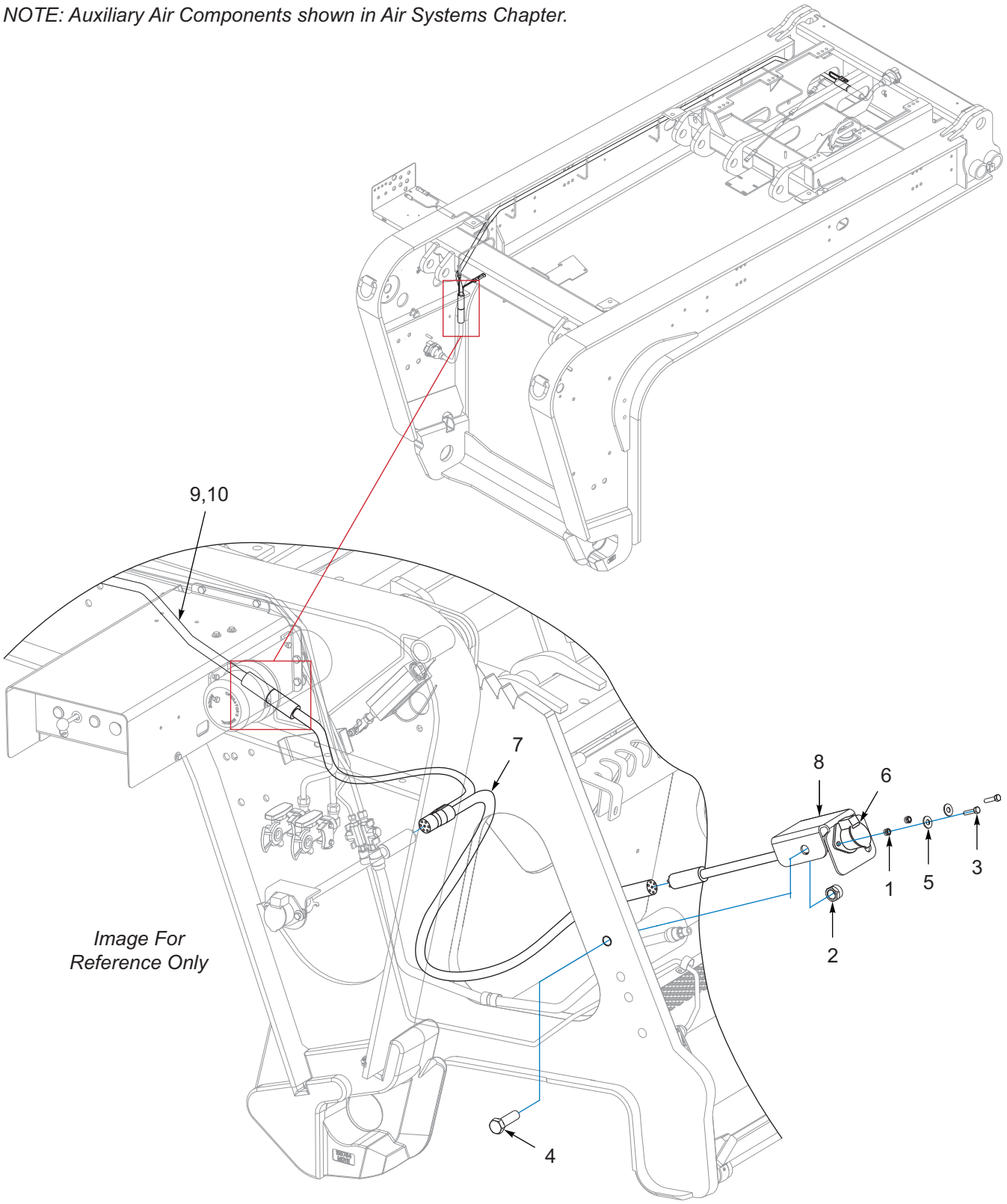
Figure 11-2: Gooseneck Assembly, Standard Duty / Heavy Duty (2 of 2)

Gooseneck Assembly, Standard / Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY
	197600	GOOSENECK ASSY 835E-12'	- -
	196228	GOOSENECK ASSY 845HD-12'	- -
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	1-796-010004-02	TIE, STRAP,PLASTIC .301X13.38 **(NOT SHOWN)**	20
5	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	8
6	130116	DECAL, ON/OFF LIGHT	1
7	143100	HARNESS 7WAY RECP GROTE	1
8	143101	HARNESS FRONT MAIN GROTE	1
9	143121	DUMMY PLUG MALE/FEM BULLET	1
10	146897	HARNESS 7WAY RECP REAR GROTE	1
11	150117	SWITCH ASSY LIGHT GROTE	1
12	169853	HARNESS T PWR BRANCH	1
13	185059	LIGHT,LED COURTESY, GROTE	1
14	200036	HARNESS MARKER LFT SMALL END	1
15	213297	LIGHT YEL CLEAR LENS MKR	2
16	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1

Gooseneck, Load Carrier, Auxiliary Elect / Air (Option)

NOTE: Auxiliary Air Components shown in Air Systems Chapter.



TRANSPARENT VIEW OF STREETSIDE GOOSENECK BEAM

Figure 11-3: Gooseneck, Load Carrier, Auxiliary Elect / Air (Option)

Gooseneck, Load Carrier, Auxiliary Elect / Air (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	242608	AUXILIARY ELECT AIR OUTLET G/N **(AIR COMPONENTS - SEE PAGE 10-11)**	- -
1	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	1
3	1-654-010049-06	SCREW,H/CAP,5/16-18UNCX1-1/4	2
4	1-654-010061-07	SCREW,HX CP 3/4-10UNCX2-1/2G5	1
5	1-861-010032-09	WASHER, FLAT 5/16 W ZP/CD	2
6	146897	HARNESS 7WAY RECP REAR GROTE	1
7	146929	HARNESS Y SPLITTER GROTE	1
8	242607	MOUNT AUX ELECT AIR OUTLET	1
9	143166	HARNESS EXT 48IN GROTE	1
10	252285	HOSE OF CF FIRE X 18" **(HOSE SLEEVE FOR 143166)**	1

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

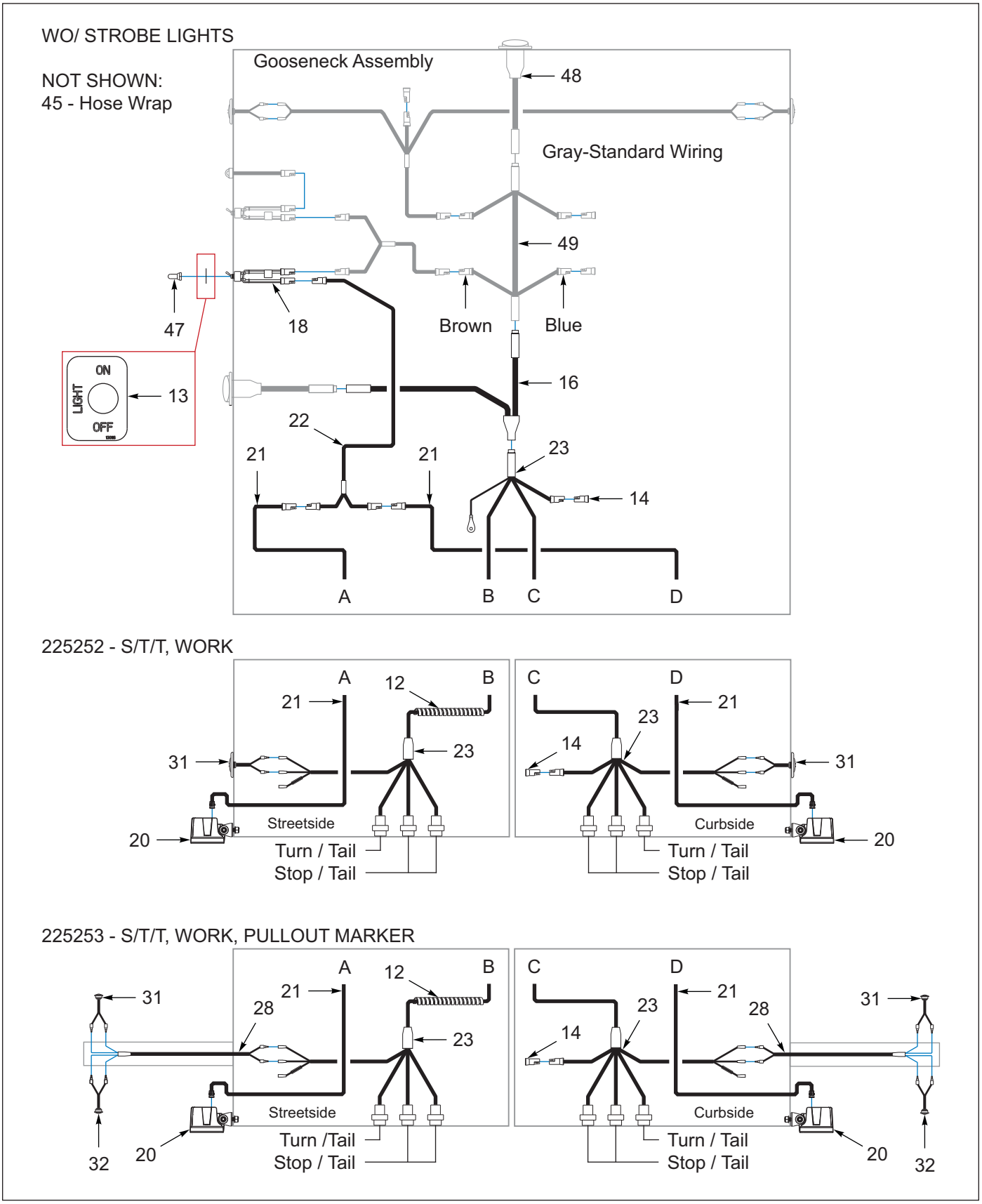


Figure 11-4: Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options) (1 of 3)

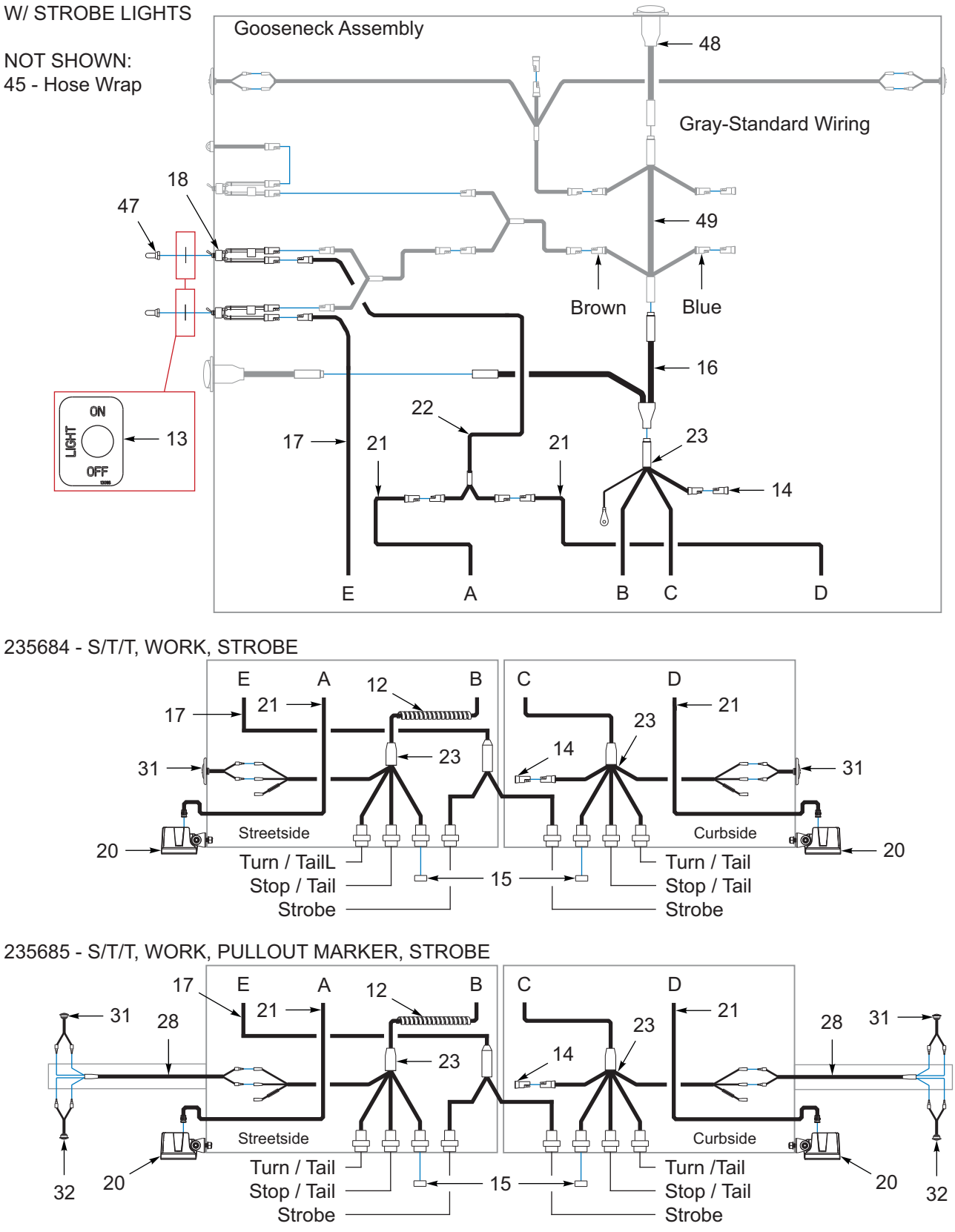


Figure 11-5: Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options) (2 of 3)

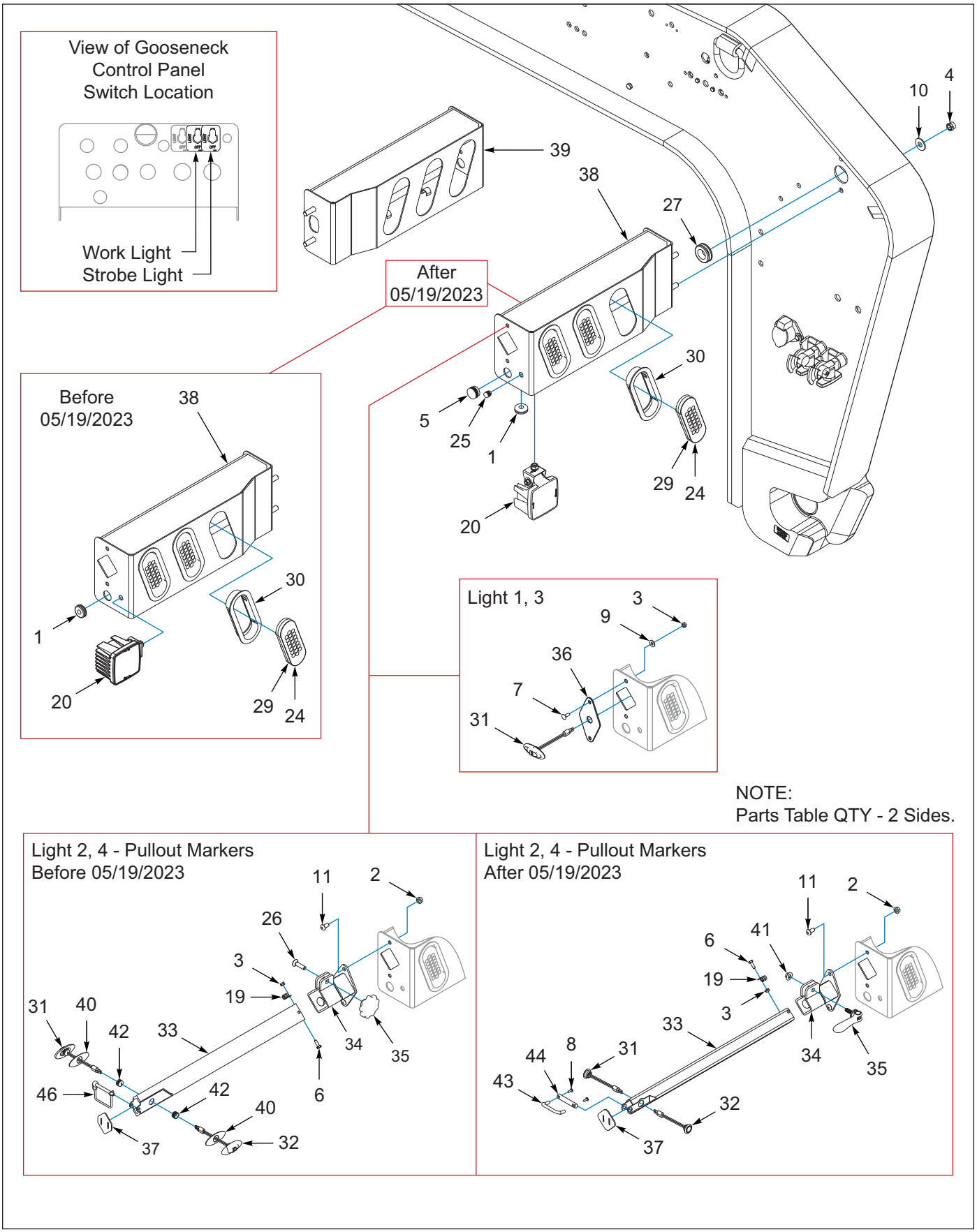


Figure 11-6: Gooseneck, Lights, Stop / Turn / Tail / Work Light (Options) (3 of 3)

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 20K / 30K, 2 Speed (Option)

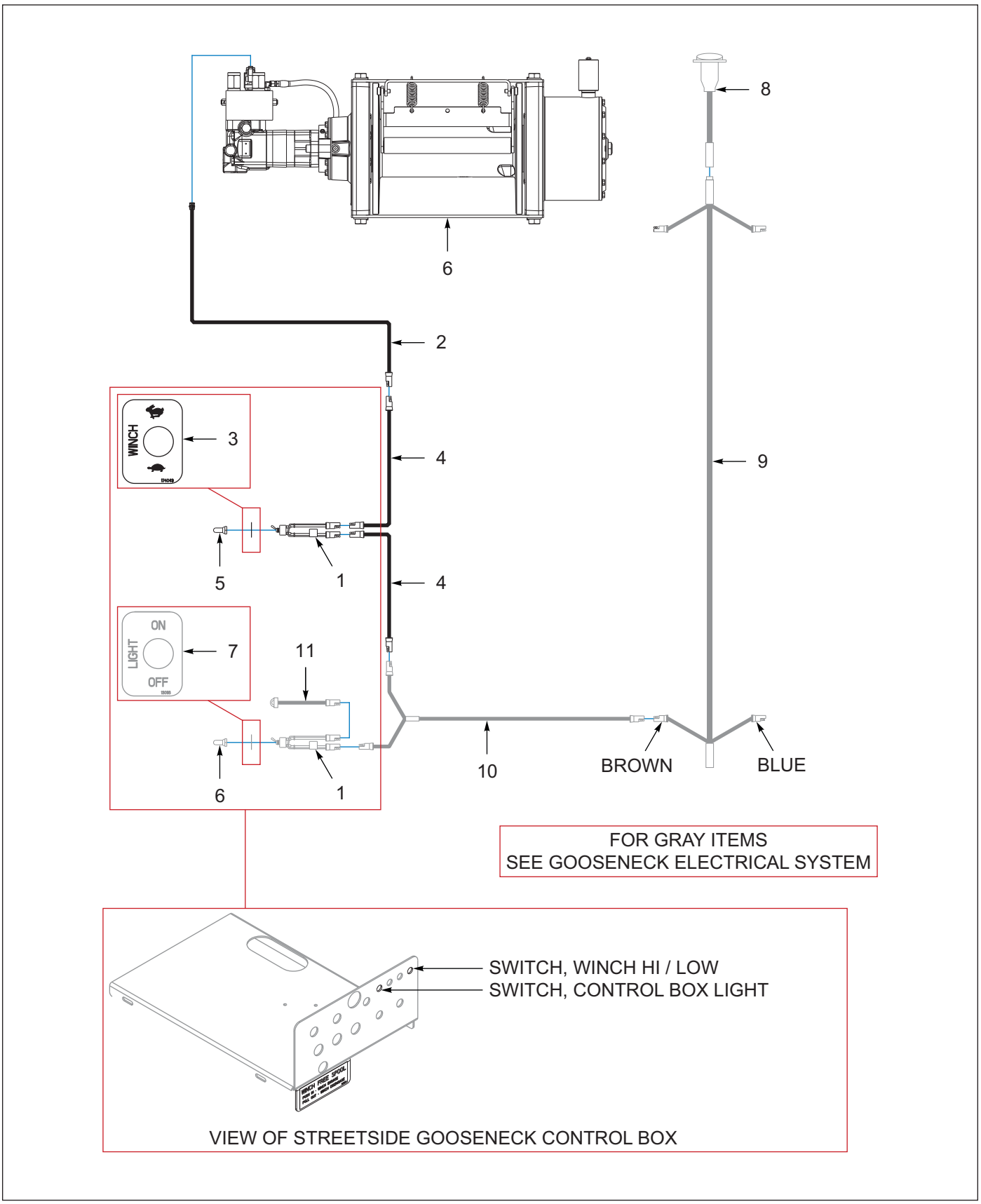


Figure 11-7: Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	245122	WINCH INSTL20K BRADEN E N/FL **(20K WO/ FLIP BRACKETS)**	- -
	245123	WINCH INSTL30K BRADEN E N/FL **(30K WO/ FLIP BRACKETS)**	- -
	245124	WINCH INSTL20K BRADEN E FLIP **(20K W/ FLIP BRACKETS)**	- -
	245125	WINCH INSTL30K BRADEN E FLIP **(30K W/ FLIP BRACKETS)**	- -
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 1-1)** **(AIR SYSTEM - SEE PAGE 10-13)** **(HYDRAULIC SYSTEM - SEE PAGE 13-7)** **(WINCH MOUNTING - SEE PAGE 8-5)**	1
6	239745	WINCH 30K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-13)** **(HYDRAULIC SYSTEM - SEE PAGE 13-7)** **(WINCH MOUNTING - SEE PAGE 8-5)**	1
7	130116	DECAL, ON/OFF LIGHT **(SEE PAGE 1-1)**	- -
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 / 30K, 2 Speed (Option)

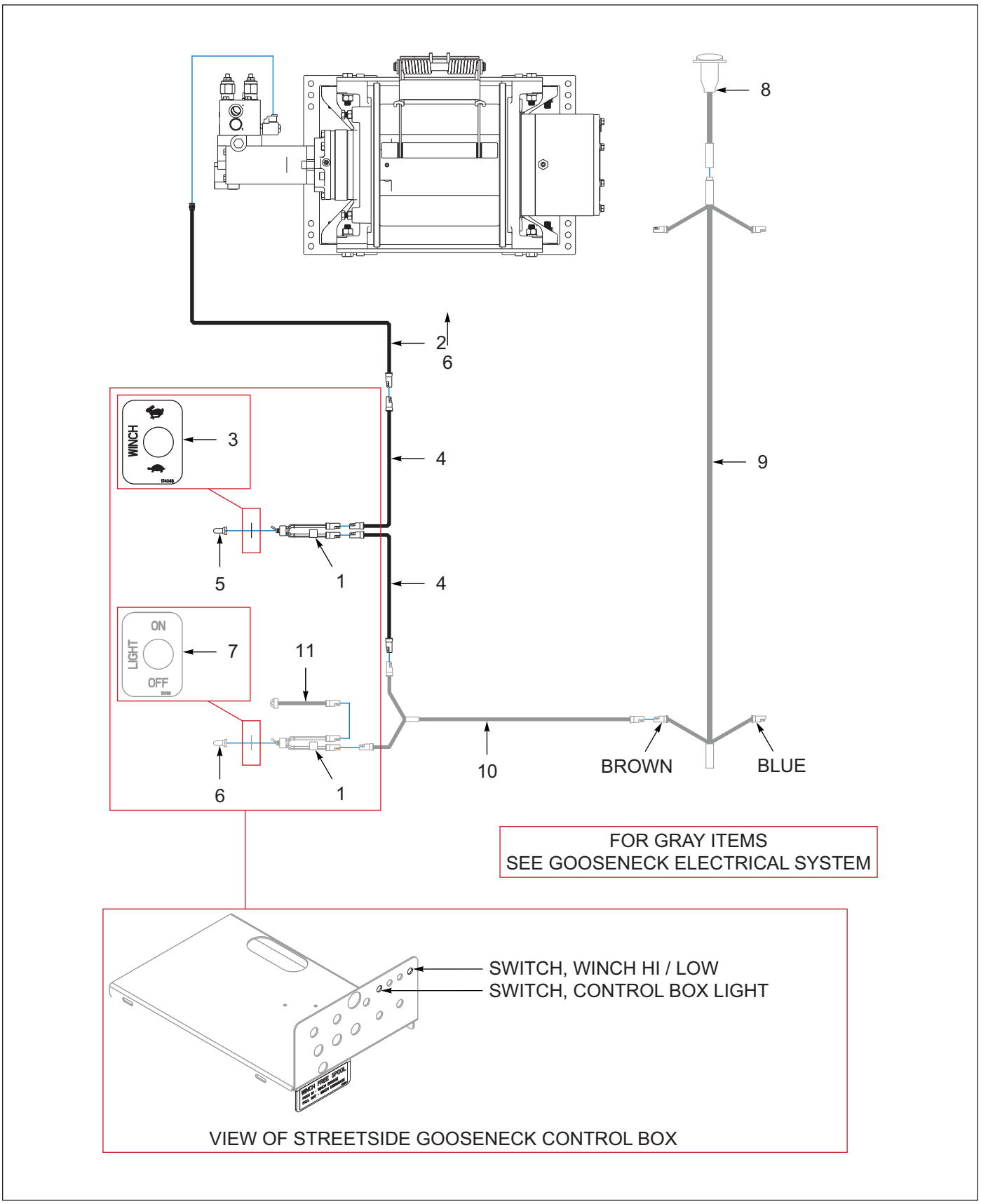


Figure 11-8: Gooseneck, Winch Installation, Ramsey 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	245537	WINCH INSTL 20K RAMSEY F N/FL **(20K WO/ FLIP BRACKETS)**	- -
	245538	WINCH INSTL 30K RAMSEY F N/FL **(30K WO/ FLIP BRACKETS)**	- -
	245539	WINCH INSTL 20K RAMSEY F FLIP **(20K W/ FLIP BRACKETS)**	- -
	245540	WINCH INSTL 30K RAMSEY F FLIP **(30K W/ FLIP BRACKETS)**	- -
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 1-1)** **(AIR SYSTEM - SEE PAGE 10-15)** **(HYDRAULIC SYSTEM - SEE PAGE 13-9)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1
6	240528	WINCH 30K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-15)** **(HYDRAULIC SYSTEM - SEE PAGE 13-9)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1
7	130116	DECAL, ON/OFF LIGHT **(SEE PAGE 1-1)**	- -
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 20K / 30K, 2 Speed (Option)

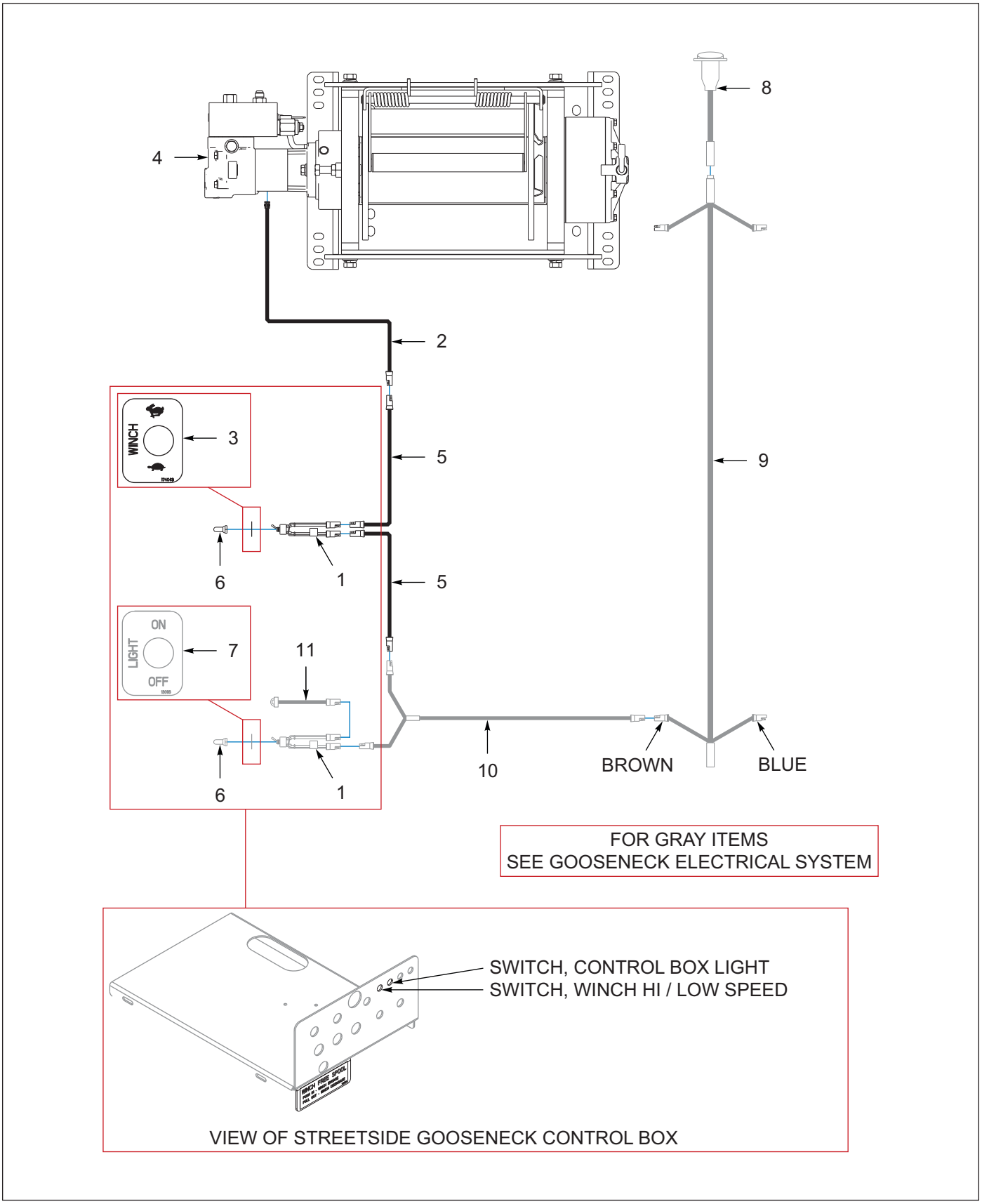


Figure 11-9: Gooseneck, Winch Installation, Warn 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	199217	WINCH INSTL20K WARN E-G/N N/FL	- -
	199218	WINCH INSTL30K WARN E-G/N N/FL	- -
1	150117	SWITCH ASSY LIGHT GROTE	1
2	164052	HARNESS,60"BRANCH,WORK LIGHT	1
3	174043	DECAL, WINCH, HI/LO	1
4	204959	WINCH ASSY WARN 20K 800 **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-17)** **(HYDRAULIC SYSTEM - SEE PAGE 13-11)** **(WINCH MOUNTING - SEE PAGE 8-9)**	1
4	204958	WINCH ASSY WARN 30K 800 **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-17)** **(HYDRAULIC SYSTEM - SEE PAGE 13-11)** **(WINCH MOUNTING - SEE PAGE 8-9)**	1
5	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
6	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
7	130116	DECAL, ON/OFF LIGHT **(SEE PAGE 11-1)**	- -
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, Lights, Non-Axle Flip Bumpers (Before 03/01/2022)

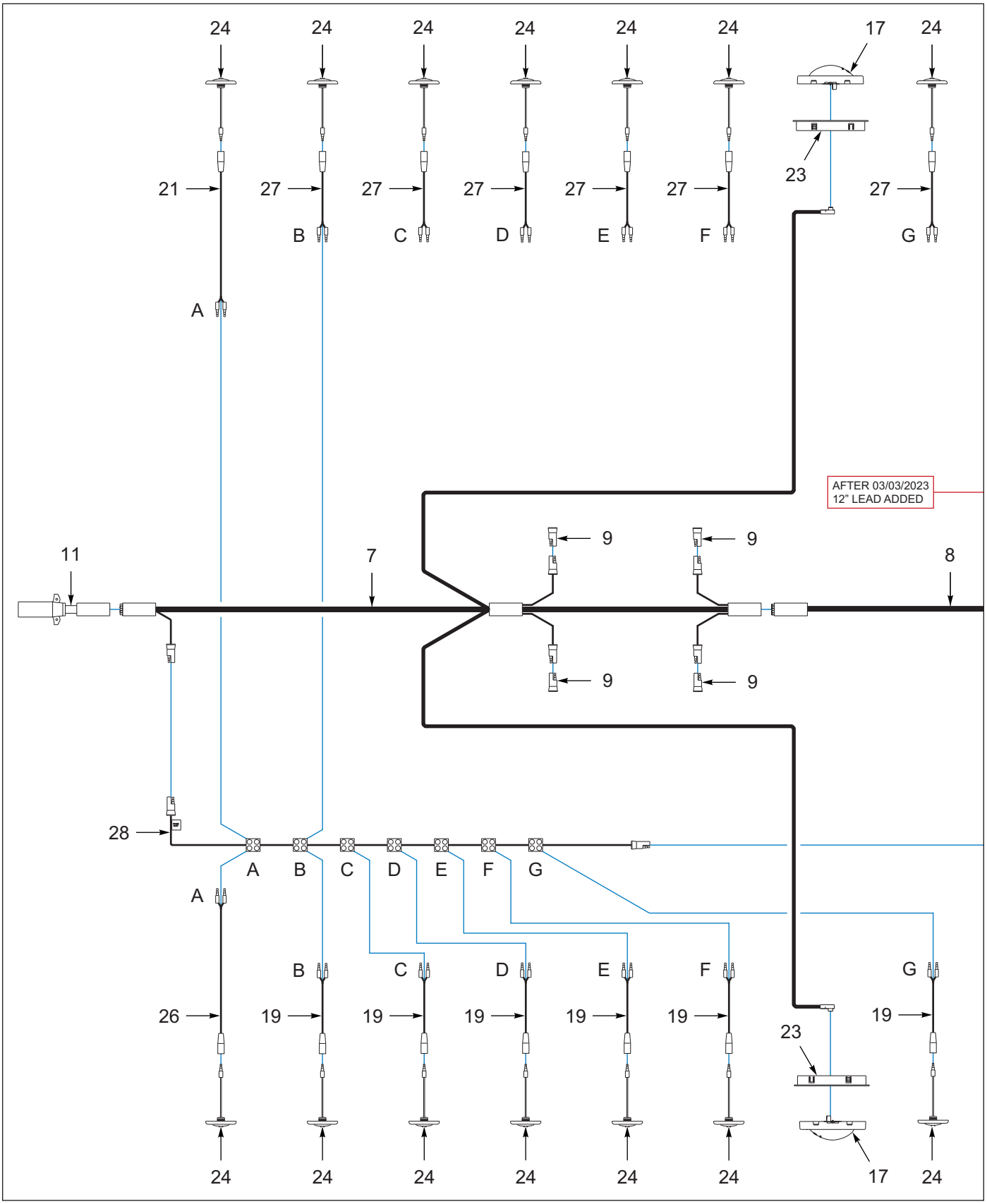


Figure 11-10: Frame, Lights, Non-Axle Flip Bumpers (Before 03/01/2022) (1 of 3)

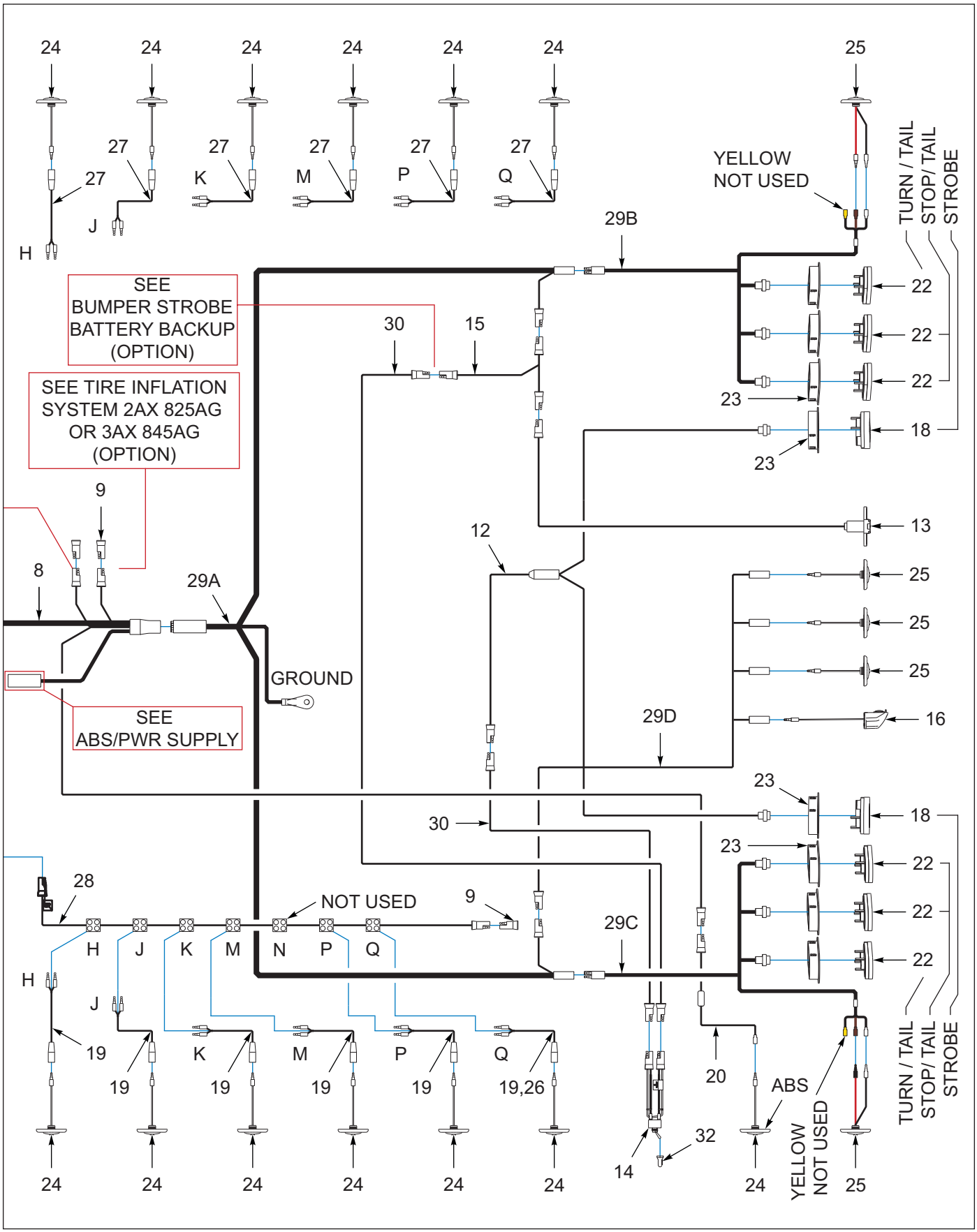


Figure 11-11: Frame, Lights, Non-Axle Flip Bumpers (Before 03/01/2022) (2 of 3)

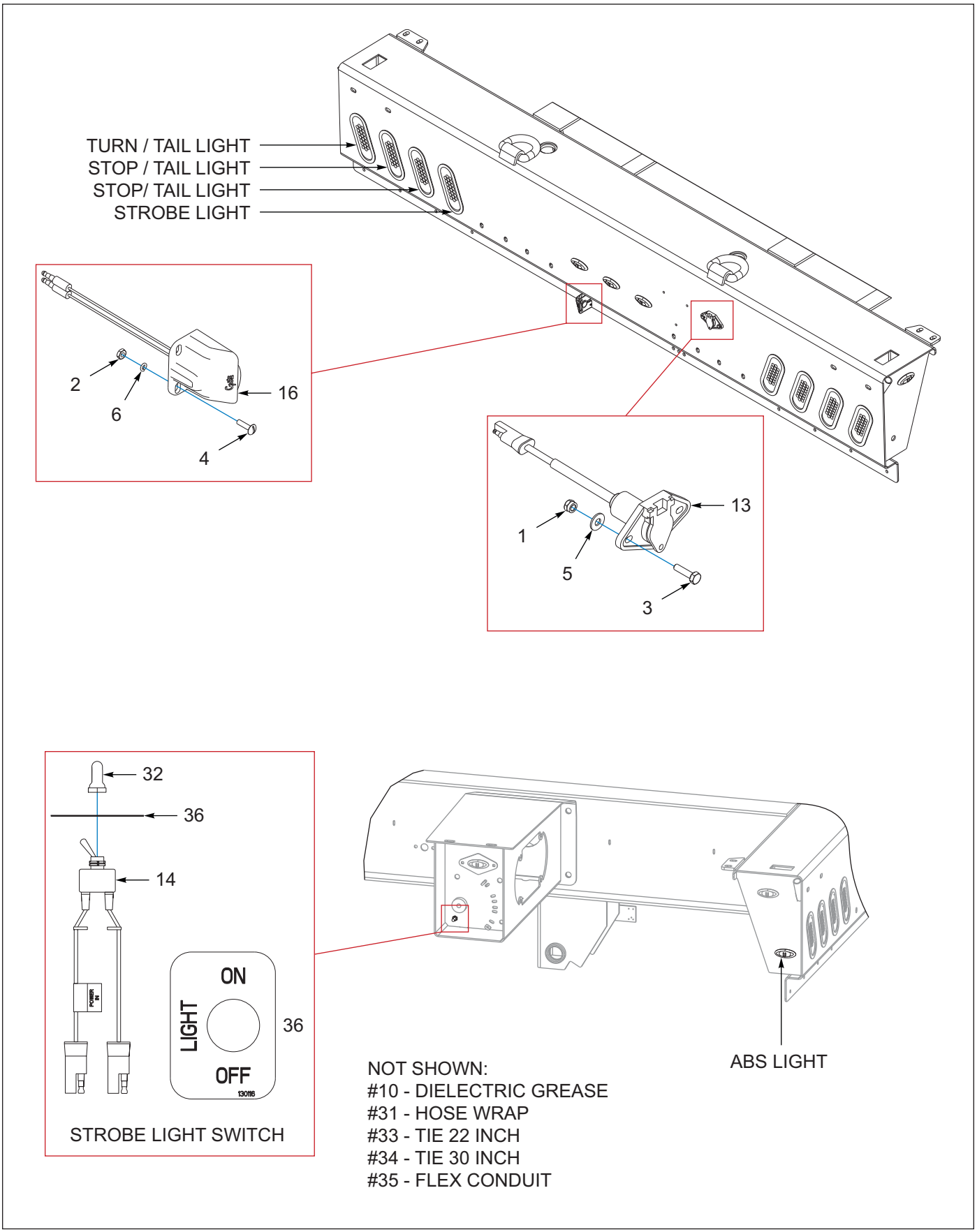


Figure 11-12: Frame, Lights, Non-Axle Flip Bumpers (Before 03/01/2022) (3 of 3)

Frame, Lights, Non-Axle Flip Bumpers (Before 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
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	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
6	1-861-010034-07	WASHER,LKG,HLCL SPR, NO 10	2
7	143102	HARNESS BED MAIN GROTE **(OLD STYLE SHOWN**) **(AFTER 12/13/2022, NEW STYLE - SEE PAGE 11-21)**	1
8	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)**	1
9	143121	DUMMY PLUG MALE/FEM BULLET	6
10	143123	GREASE DIELECTRIC 4 OZ TUBE **(NOT SHOWN)**	0.5
11	146898	HARNESS 7WAY PLUG G/N GROTE	1
12	150114	HARNESS BUMPER STROBE GROTE	1
13	150116	HARNESS ASSY RCPT 800	1
14	150117	SWITCH ASSY LIGHT GROTE	1
15	150118	HARNESS JUMPER BRANCH	1
16	187860	LIGHT ASSY LICENSE LED GROTE **(SEE PAGE 11-49)**	1
17	187868	LIGHT MID-TURN LED CLEAR LENS	2
18	187869	LIGHT STROBE YEL CLEAR LENS GR	2
19	191568	HARNESS MARKER LAMP MICRONOVA **(QTY VARIES WITH TRAILER LENGTH) (825-30 2AX, REQ 12 EACH) (845-26 3AX, BEFORE 07/14/2021, REQ 11 EACH - AFTER 07/14/2021, REQ 10 EACH, CHANGED STREETSIDE MARKER LIGHT HARNESS AT "Q" CONNECTION)**	- -
20	200037	HARNESS ABS LIGHT SHORT	1
21	202432	HARNESS, MARKER EXT 120"	1
22	213295	LIGHT CLEAR LENS S/T/T	6
23	143114	GROMMET OVAL GROTE **(BLACK PVC)**	10
23	213296	FLANGE CHROME FLAT OBLONG **(CHROME)**	10
24	213297	LIGHT YEL CLEAR LENS MKR **(QTY VARIES WITH TRAILER LENGTH) (825-30 2AX, REQ 27 EA) (845-26 3AX, REQ 25 EA)**	- -
25	213298	LIGHT RED CLEAR LENS MKR	5
26	225261	HARNESS,72" MKR EXTENSION **(BEFORE 07/14/2021, REQ 1 EACH - AFTER 07/14/2021 REPLACED STREETSIDE MARKER LIGHT HARNESS AT "Q" CONNECTION)**	2
27	225262	HARNESS,84" MKR EXTENSION **(QTY VARIES WITH TRAILER LENGTH) (825-30 2AX, REQ 12 EA) (845-26 3AX, REQ 11 EA)**	- -
28	225264	HARNESS,MKR JUMPER,7 LEAD	2
29	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 29A-29D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATLY)**	1
30	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
31	43029	HOSE WRAP AEROQUIP 1/4 **(NOT SHOWN) (BY THE FOOT)**	3
32	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
33	1-796-010001	TIE WIRE 22 PLASTIC **(NOT SHOWN)**	5
34	1-796-010004-02	TIE, STRAP,PLASTIC .301X13.38 **(NOT SHOWN)**	50
35	3-201-010002	CONDUIT 3/8 PLASTIC FLEX **(NOT SHOWN) (BY THE FOOT)**	8
36	130116	DECAL, ON/OFF LIGHT	1

Frame, Lights, Non-Axle Flip Bumpers (After 03/01/2022)

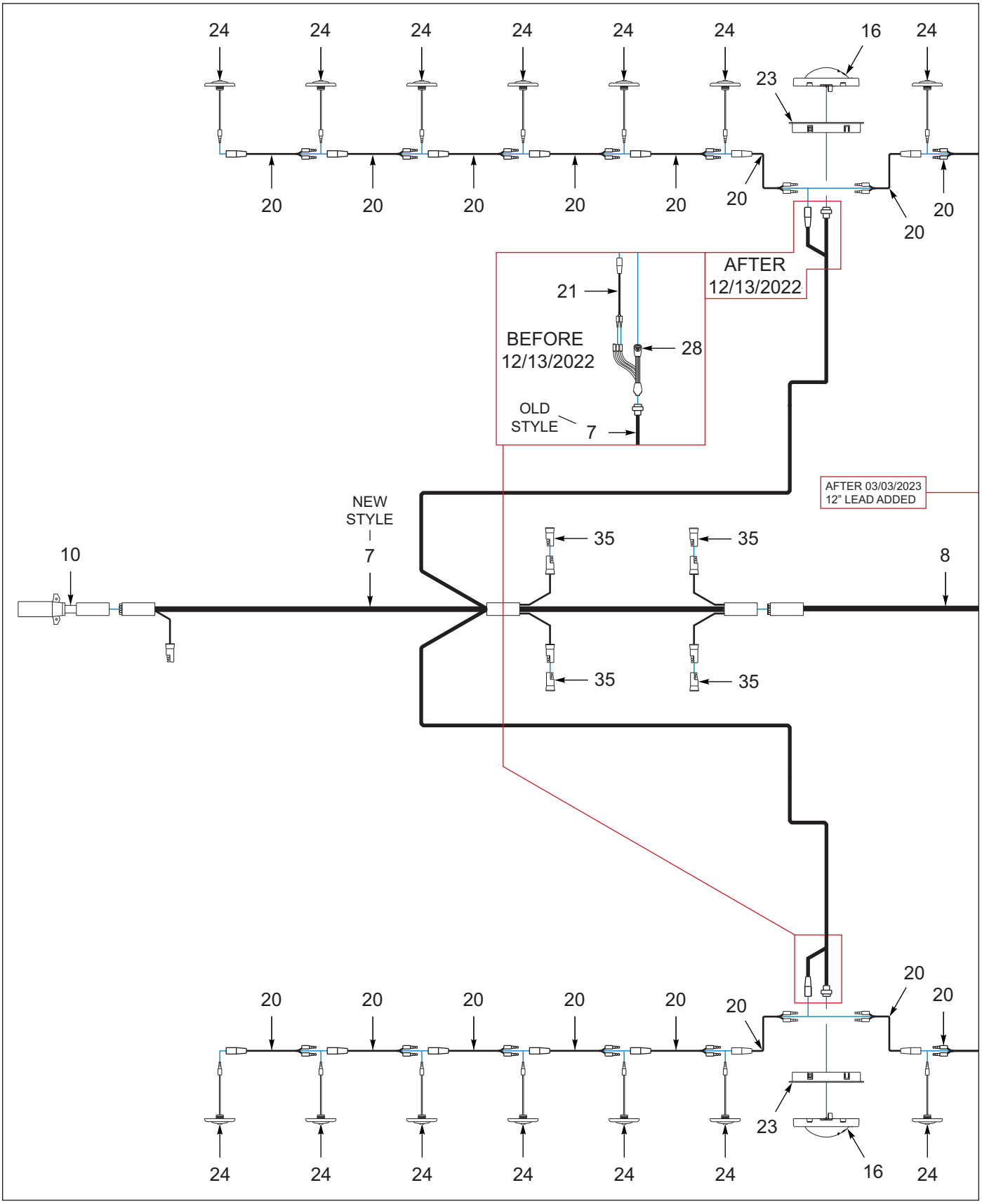


Figure 11-13: Frame, Lights, Non-Axle Flip Bumpers (After 03/01/2022) (1 of 3)

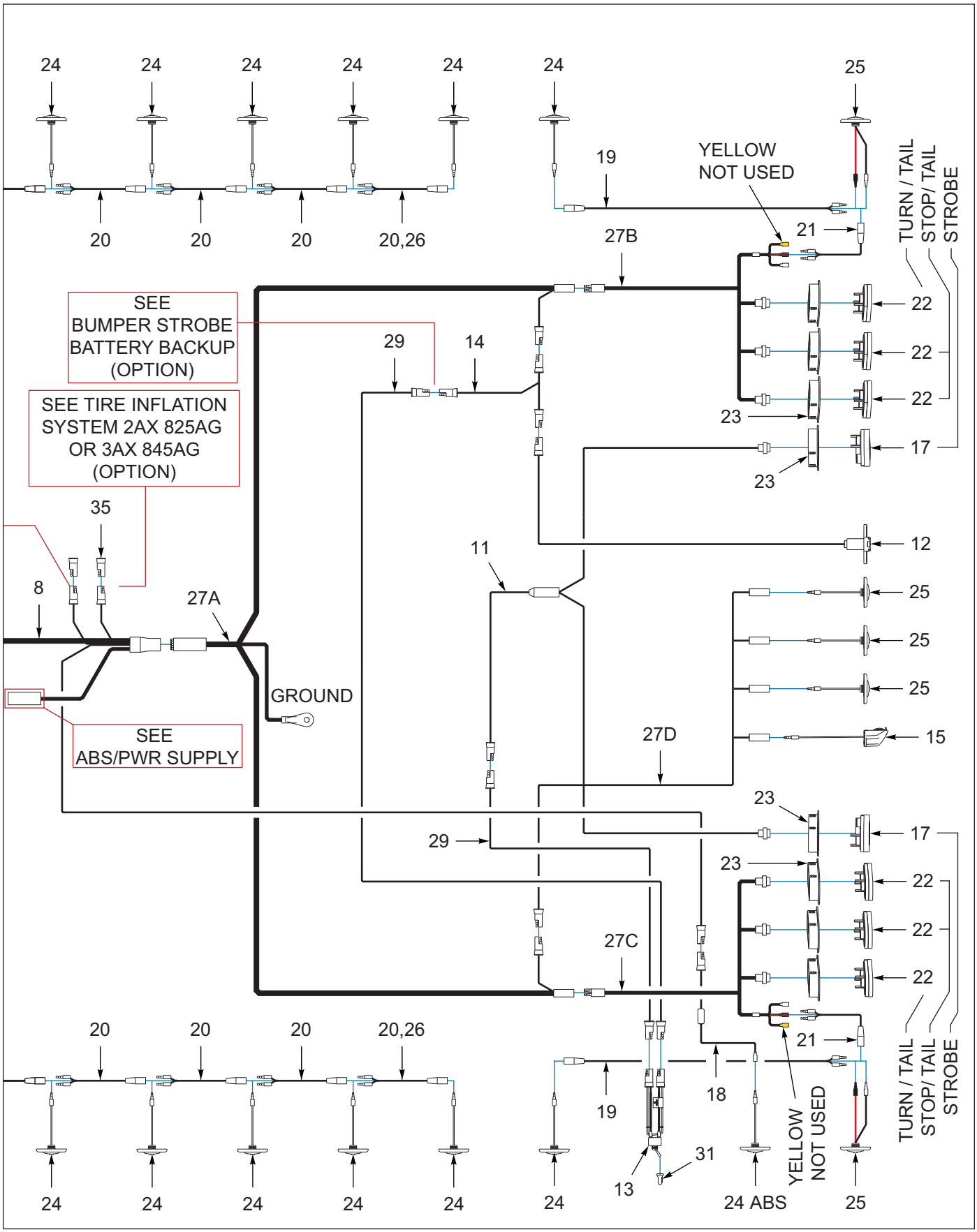


Figure 11-14: Frame, Lights, Non-Axle Flip Bumpers (After 03/01/2022) (2 of 3)

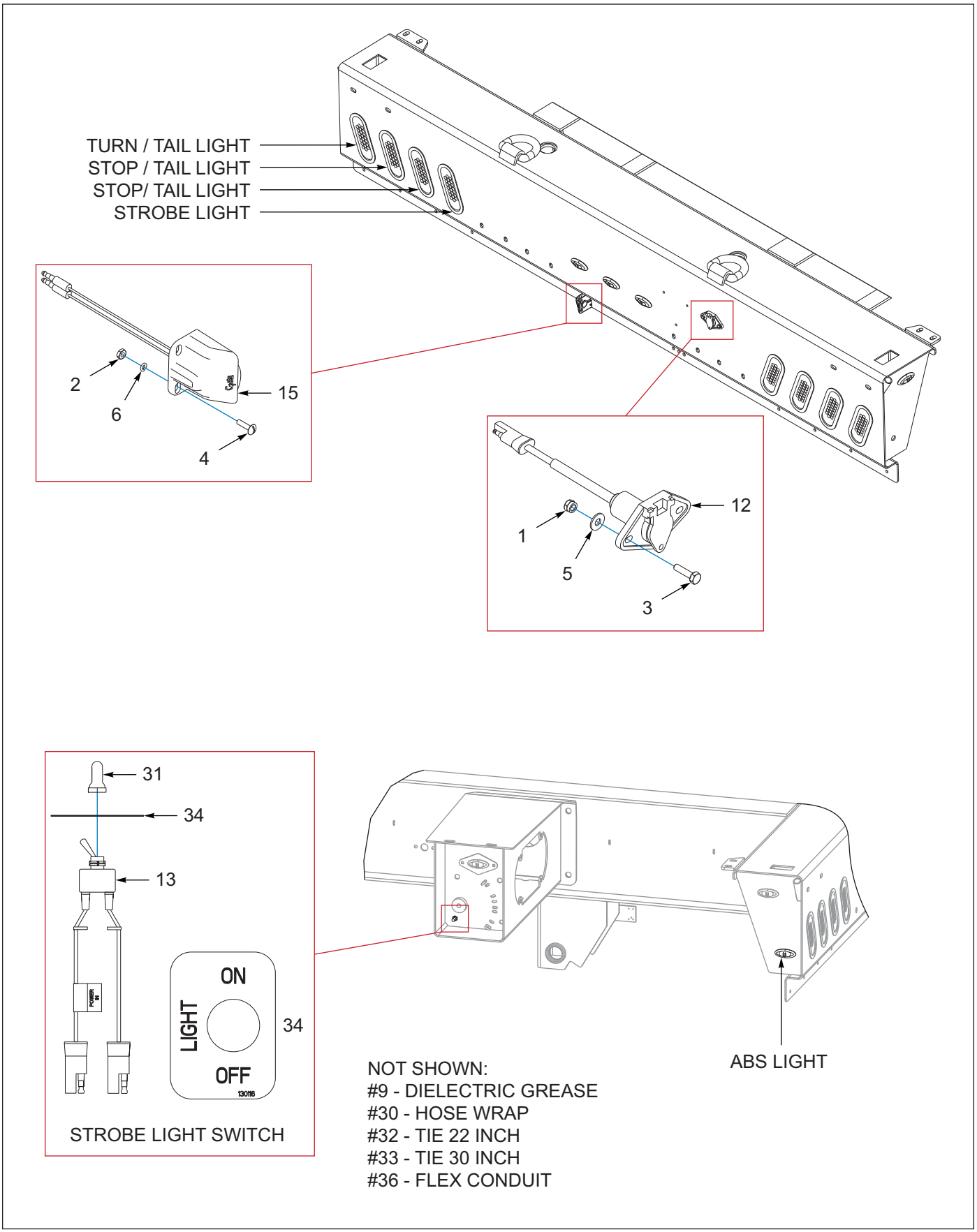


Figure 11-15: Frame, Lights, Non-Axle Flip Bumpers (After 03/01/2022) (3 of 3)

Frame, Lights, Non-Axle Flip Bumpers (After 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
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	1-861-010032-07	WASHER,FLAT 1/4 ZP	2
6	1-861-010034-07	WASHER,LKG,HLCL SPR, NO 10	2
7	143102	HARNESS BED MAIN GROTE **(NEW STYLE)**	1
8	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)**	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	150118	HARNESS JUMPER BRANCH	1
15	187860	LIGHT ASSY LICENSE LED GROTE **(SEE PAGE 11-49)**	1
16	187868	LIGHT MID-TURN LED CLEAR LENS	2
17	187869	LIGHT STROBE YEL CLEAR LENS GR	2
18	200037	HARNESS ABS LIGHT SHORT	1
19	202432	HARNESS, MARKER EXT 120"	2
20	204194	HARNESS MARKER EXT. 60" **(QTY VARIES WITH TRAILER LENGTH) (825-23' REQ 20 EA, 825-26' REQ 22 EA, 825-28' & 30' REQ 24 EA) (845-26' REQ 20 EA)**	- -
21	213290	HARNESS 6" MKR EXTENSION **(BEFORE 12/13/2022, REQ 4 EACH - AFTER USED ON SIDE REAR MARKER LIGHTS ONLY)**	2
22	213295	LIGHT CLEAR LENS S/T/T	6
23	143114	GROMMET OVAL GROTE **(BLACK PVC)**	10
23	213296	FLANGE CHROME FLAT OBLONG **(CHROME)**	10
24	213297	LIGHT YEL CLEAR LENS MKR **(QTY VARIES WITH TRAILER LENGTH) (825-23' REQ 23 EA, 825-26' REQ 25 EA, 825-28' & 30' REQ 27 EA) (845-26' REQ 25 EA)**	- -
25	213298	LIGHT RED CLEAR LENS MKR	5
26	225261	HARNESS,72" MKR EXTENSION **(845-26' ONLY)**	2
27	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 27A-27D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATLY)**	1
28	235747	ADAPTER.JUMPER,MID-TURN/MKR **(BEFORE 12/13/2022 - AFTER NOT USED)**	2
29	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
30	43029	HOSE WRAP AEROQUIP 1/4 **(NOT SHOWN) (BY THE FOOT) (USED ON BUMPER HARNESS)**	3
31	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
32	1-796-010001	TIE WIRE 22 PLASTIC **(NOT SHOWN)**	5
33	1-796-010004-02	TIE, STRAP,PLASTIC .301X13.38 **(NOT SHOWN)**	50
34	130116	DECAL, ON/OFF LIGHT	1
35	143121	DUMMY PLUG MALE/FEM BULLET	6
36	3-201-010002	CONDUIT 3/8 PLASTIC FLEX **(NOT SHOWN) (BY THE FOOT)**	8

Frame, Lights, Axle Flip Bumpers (Before 03/01/2022)

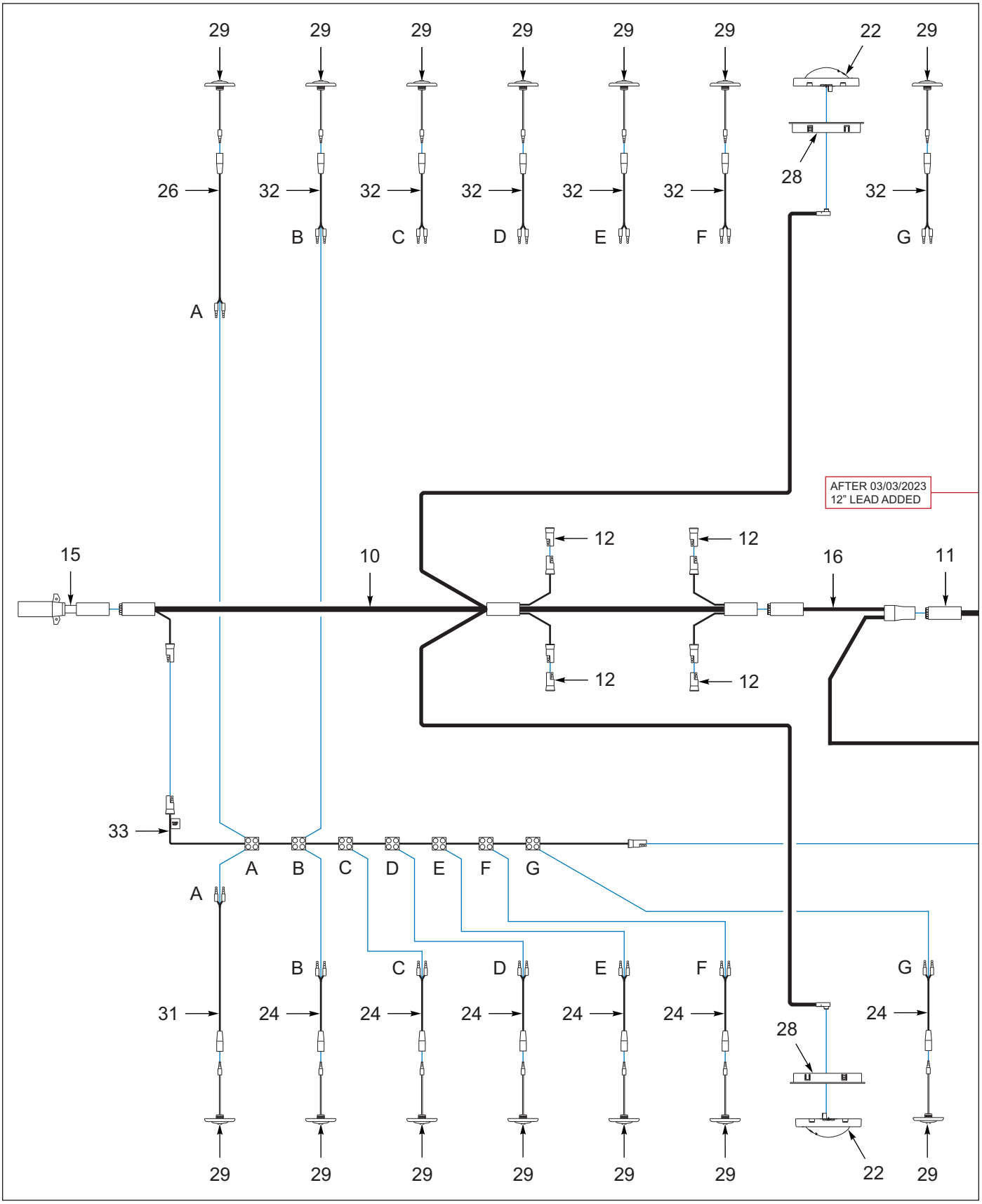


Figure 11-16: Frame, Lights, Axle Flip Bumpers (Before 03/01/2022) (1 of 3)

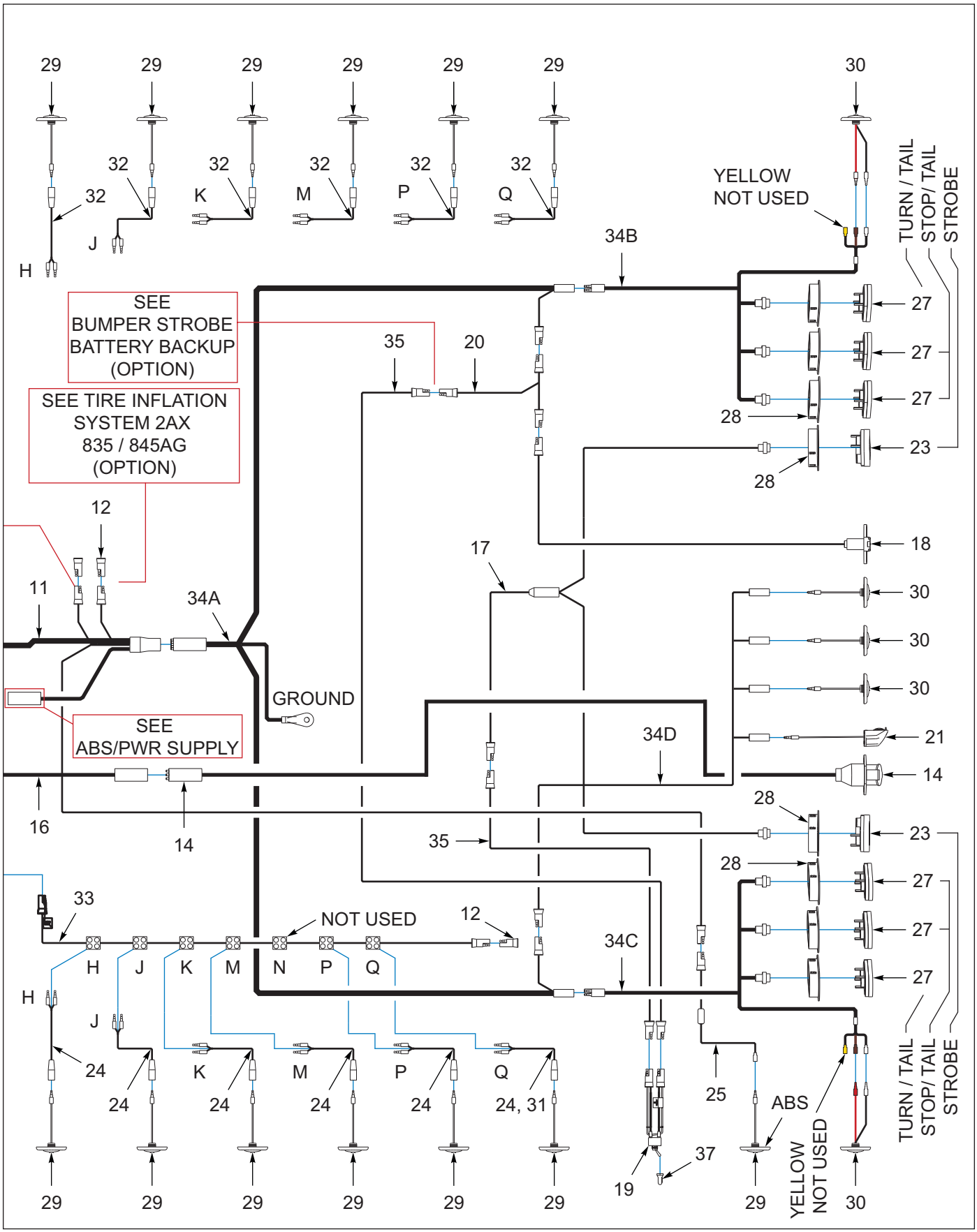


Figure 11-17: Frame, Lights, Axle Flip Bumpers (Before 03/01/2022) (2 of 3)

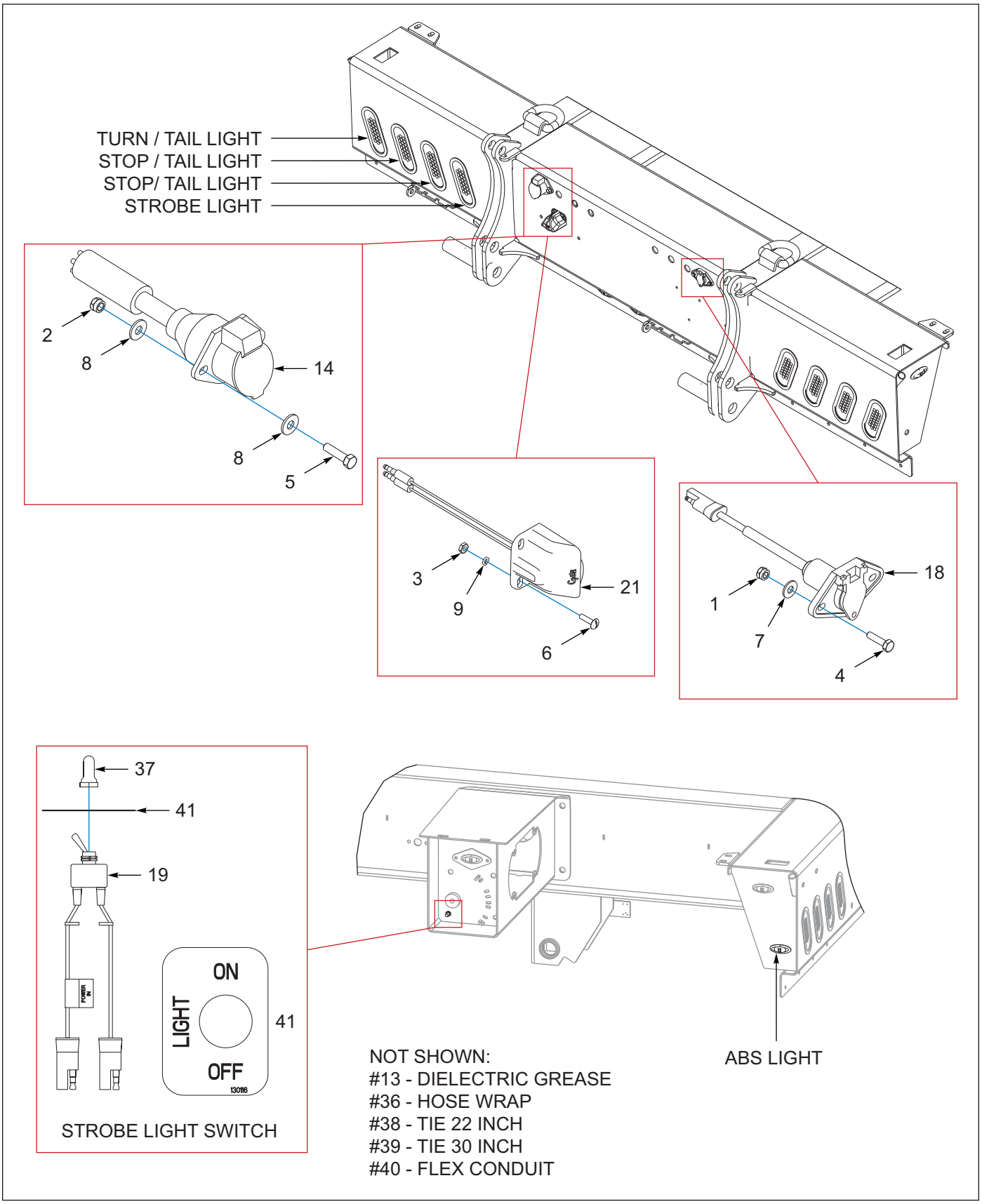


Figure 11-18: Frame, Lights, Axle Flip Bumpers (Before 03/01/2022) (3 of 3)

Frame, Lights, Axle Flip Bumpers (Before 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
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 12/13/2022, NEW STYLE - SEE PAGE 11-31)**	1
11	143103	HARNESS ECHAIN GROTE **(AFTER 03/03/2023, 12" LEAD ADDED)**	1
12	143121	DUMMY PLUG MALE/FEM BULLET	6
13	143123	GREASE DIELECTRIC 4 OZ TUBE **(NOT SHOWN)**	0.5
14	146897	HARNESS 7WAY RECP REAR GROTE	1
15	146898	HARNESS 7WAY PLUG G/N GROTE	1
16	146929	HARNESS Y SPLITTER GROTE	1
17	150114	HARNESS BUMPER STROBE GROTE	1
18	150116	HARNESS ASSY RCPT 800	1
19	150117	SWITCH ASSY LIGHT GROTE	1
20	150118	HARNESS JUMPER BRANCH	1
21	187860	LIGHT ASSY LICENSE LED GROTE **(SEE PAGE 11-49)**	1
22	187868	LIGHT MID-TURN LED CLEAR LENS	2
23	187869	LIGHT STROBE YEL CLEAR LENS GR	2
24	191568	HARNESS MARKER LAMP MICRONOVA **(QTY VARIES WITH TRAILER LENGTH) (BEFORE 07/14/2021, REQ 12 EACH - AFTER 07/14/2021, REQ 11 EACH, CHANGED STREETSIDE MARKER LIGHT HARNESS AT "Q" CONNECTION)**	- -
25	200037	HARNESS ABS LIGHT SHORT	1
26	202432	HARNESS, MARKER EXT 120"	1
27	213295	LIGHT CLEAR LENS S/T/T	6
28	143114	GROMMET OVAL GROTE **(CHROME)**	10
28	213296	FLANGE CHROME FLAT OBLONG **(BLACK PVC)**	10
29	213297	LIGHT YEL CLEAR LENS MKR **(QTY VARIES WITH TRAILER LENGTH) (835-27' REQ 25 EA, 835-30' & 34" REQ 27 EA)**	- -
30	213298	LIGHT RED CLEAR LENS MKR	5
31	225261	HARNESS,72" MKR EXTENSION **(BEFORE 07/14/2021, REQ 1 EACH - AFTER 07/14/2021 REPLACED STREETSIDE MARKER LIGHT HARNESS AT "Q" CONNECTION)**	2
32	225262	HARNESS,84" MKR EXTENSION **(QTY VARIES WITH TRAILER LENGTH)**	12
33	225264	HARNESS,MKR JUMPER,7 LEAD	2
34	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 34A-34D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATLY)**	1
35	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
36	43029	HOSE WRAP AEROQUIP 1/4 **(NOT SHOWN)**	3

Frame, Lights, Axle Flip Bumpers (Before 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY
37	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1
38	1-796-010001	TIE WIRE 22 PLASTIC **(NOT SHOWN)**	5
39	1-796-010004-02	TIE, STRAP,PLASTIC .301X13.38 **(NOT SHOWN)**	50
40	3-201-010002	CONDUIT 3/8 PLASTIC FLEX **(NOT SHOWN) (BY THE FOOT)**	8
41	130116	DECAL, ON/OFF LIGHT	1

Table provided for general use.

NOTES:

Frame, Lights, Axle Flip Bumpers (After 03/01/2022)

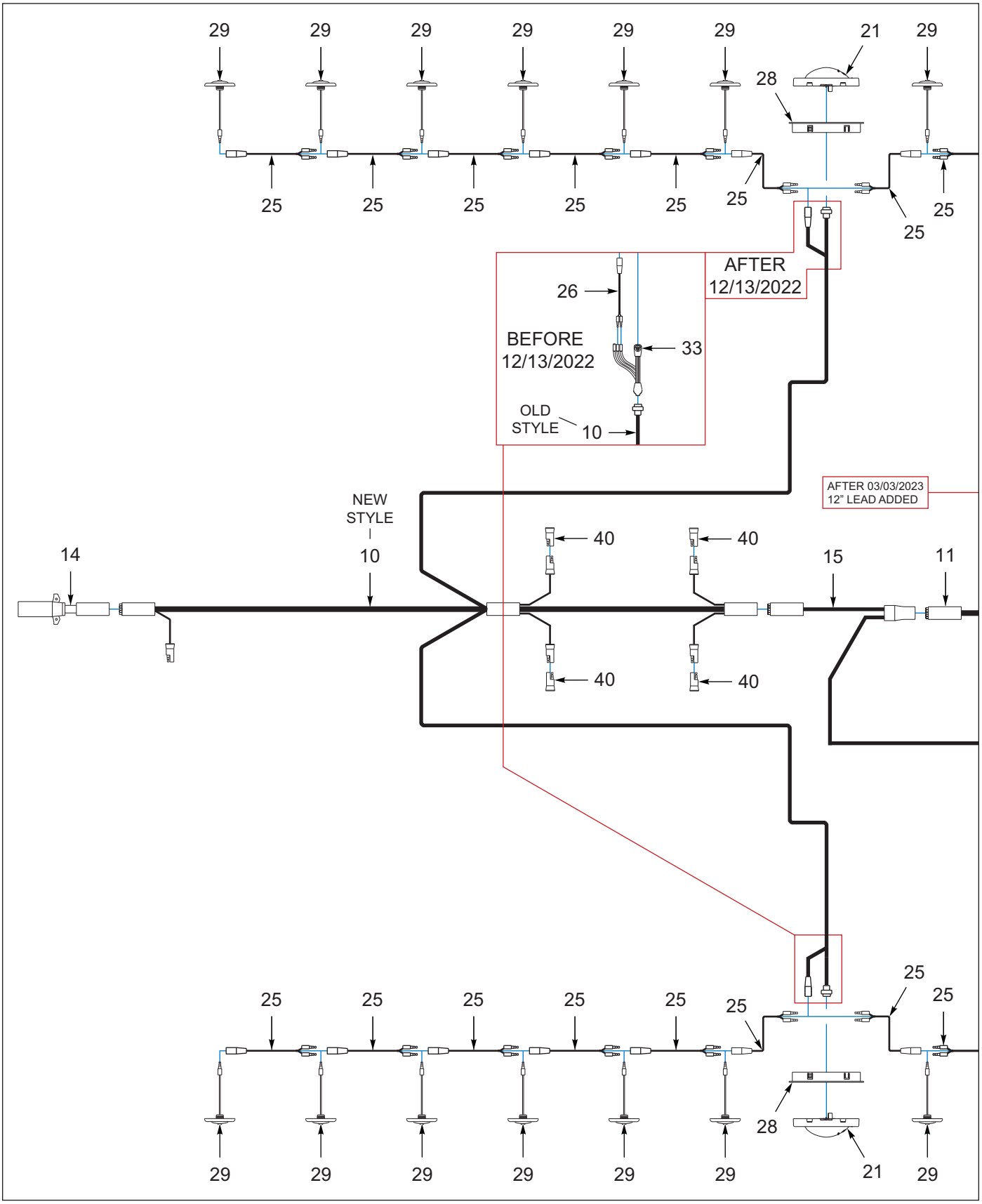


Figure 11-19: Frame, Lights, Axle Flip Bumpers (After 03/01/2022) (1 of 3)

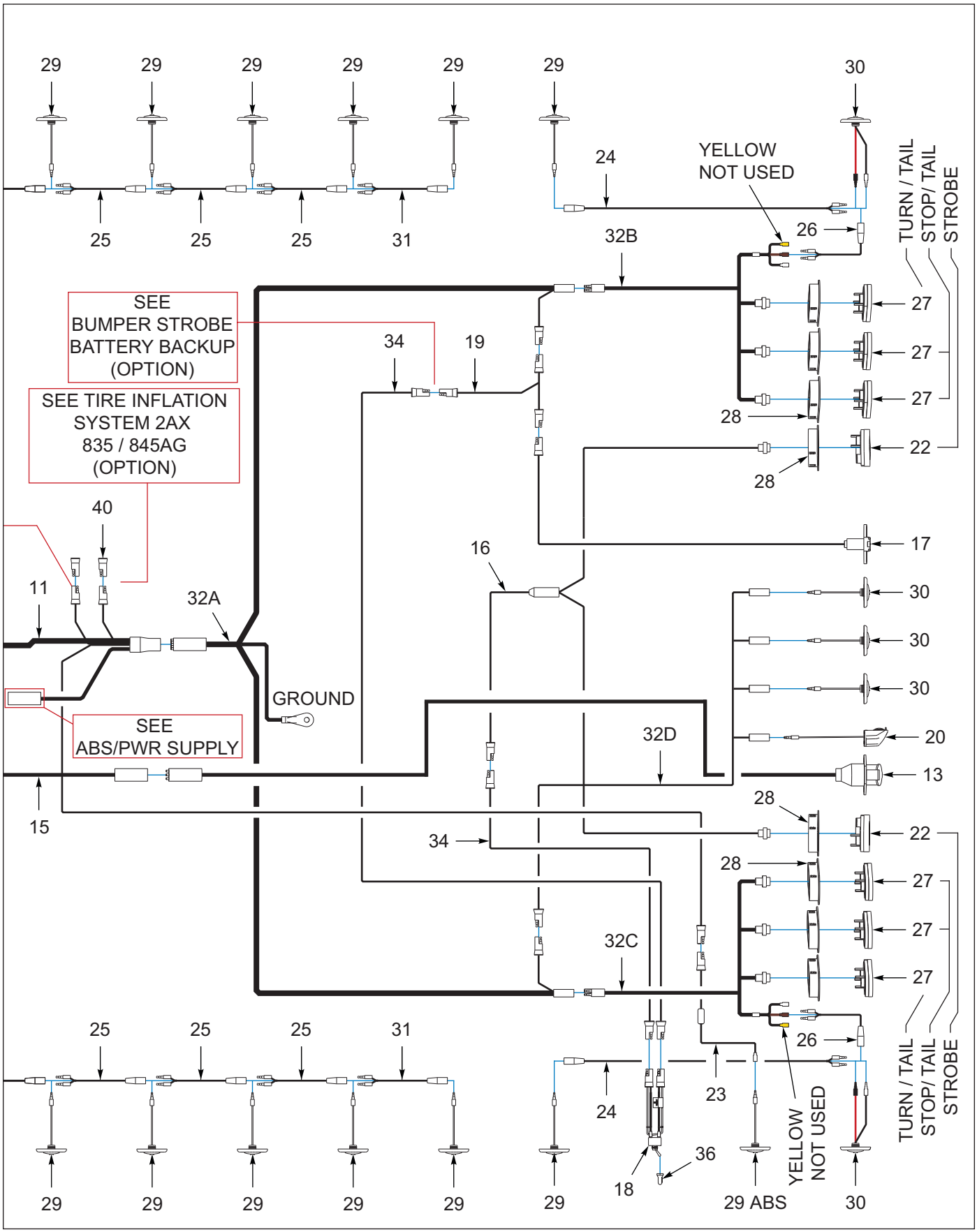


Figure 11-20: Frame, Lights, Axle Flip Bumpers (After 03/01/2022) (2 of 3)

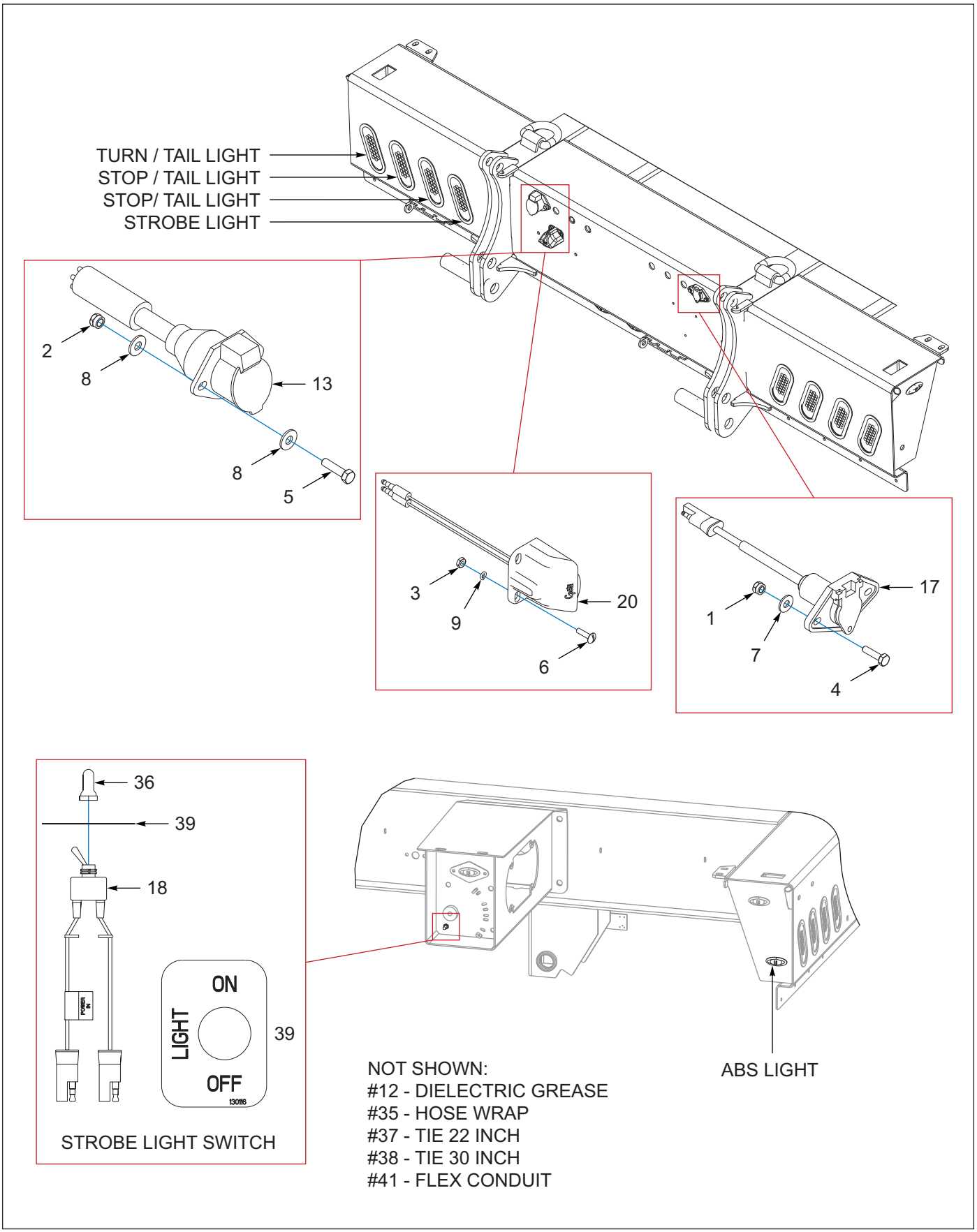


Figure 11-21: Frame, Lights, Axle Flip Bumpers (After 03/01/2022) (3 of 3)

Frame, Lights, Axle Flip Bumpers (After 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
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 **(SEE PAGE 11-49)**	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	202432	HARNESS, MARKER EXT 120"	2
25	204194	HARNESS MARKER EXT. 60" **(QTY VARIES WITH TRAILER LENGTH)** **(835-27' REQ 22 EA, 835-30' & 34" REQ 24 EA)**	- -
26	213290	HARNESS 6" MKR EXTENSION **(BEFORE 12/13/2022, REQ 4 EACH - AFTER USED ON SIDE REAR MARKER LIGHTS ONLY)**	4
27	213295	LIGHT CLEAR LENS S/T/T	6
28	143114	GROMMET OVAL GROTE **(BLACK PVC)**	10
28	213296	FLANGE CHROME FLAT OBLONG **(CHROME)**	10
29	213297	LIGHT YEL CLEAR LENS MKR **(QTY VARIES WITH TRAILER LENGTH)** **(835-27' REQ 25 EA, 835-30' & 34" REQ 27 EA)**	- -
30	213298	LIGHT RED CLEAR LENS MKR	5
31	225261	HARNESS,72" MKR EXTENSION	2
32	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 32A-32D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATLY)**	1
33	235747	ADAPTER.JUMPER,MID-TURN/MKR **(BEFORE 12/13/2022 - AFTER NOT USED)**	2
34	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
35	43029	HOSE WRAP AEROQUIP 1/4 **(NOT SHOWN)**	3
36	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1

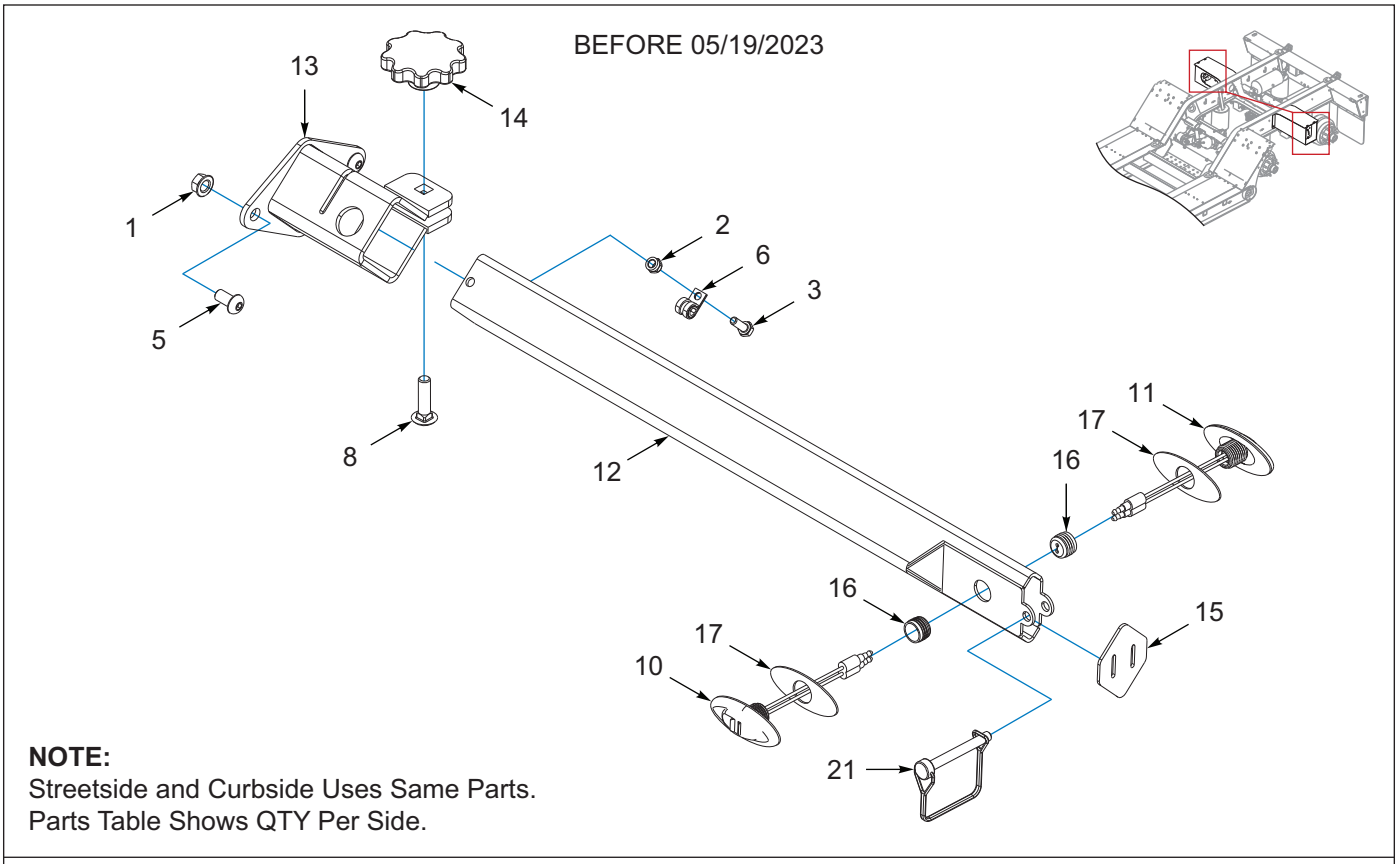
Frame, Lights, Axle Flip Bumpers (After 03/01/2022)

ITEM	PART NUMBER	DESCRIPTION	QTY
37	1-796-010001	TIE WIRE 22 PLASTIC **(NOT SHOWN)**	5
38	1-796-010004-02	TIE, STRAP,PLASTIC .301X13.38 **(NOT SHOWN)**	50
39	130116	DECAL, ON/OFF LIGHT	1
40	143121	DUMMY PLUG MALE/FEM BULLET	6
41	3-201-010002	CONDUIT 3/8 PLASTIC FLEX **(NOT SHOWN) (BY THE FOOT)**	8

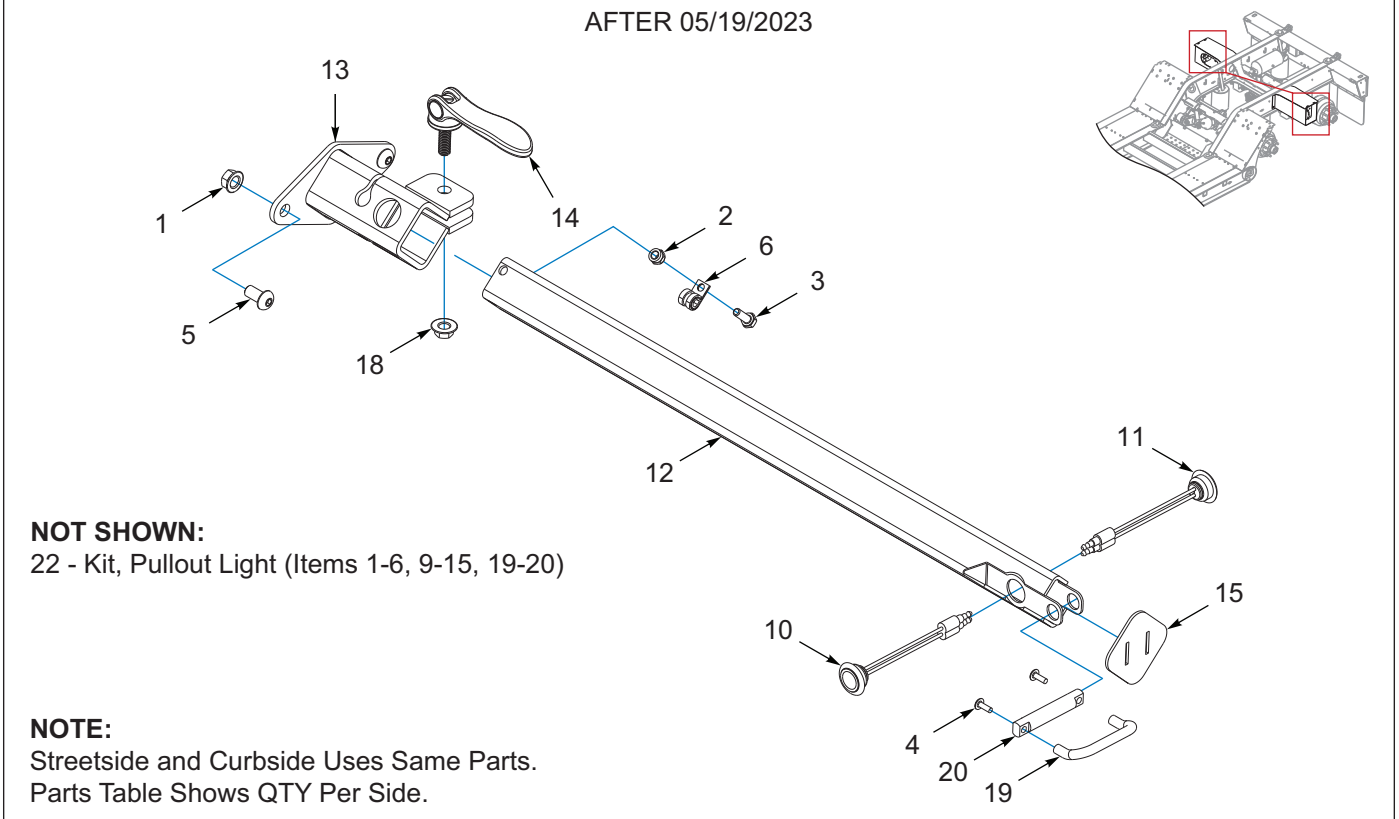
Table provided for general use.

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 11-22: Frame, Trunnion Lights, Pullout Markers (Option) (1 of 2)

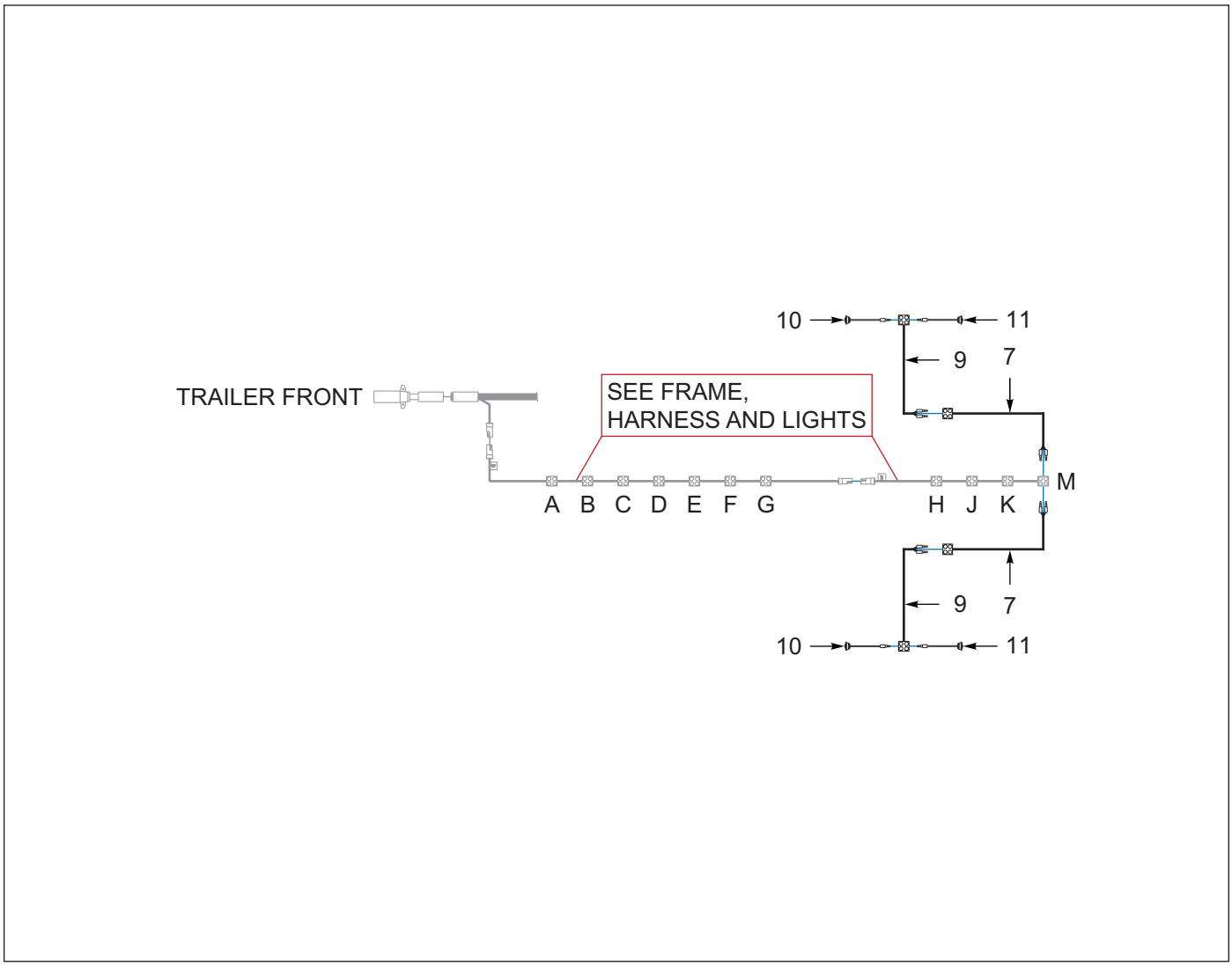


Figure 11-23: Frame, Trunnion Lights, Pullout Markers (Option) (2 of 2)

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, 835 / 845AG (Option)

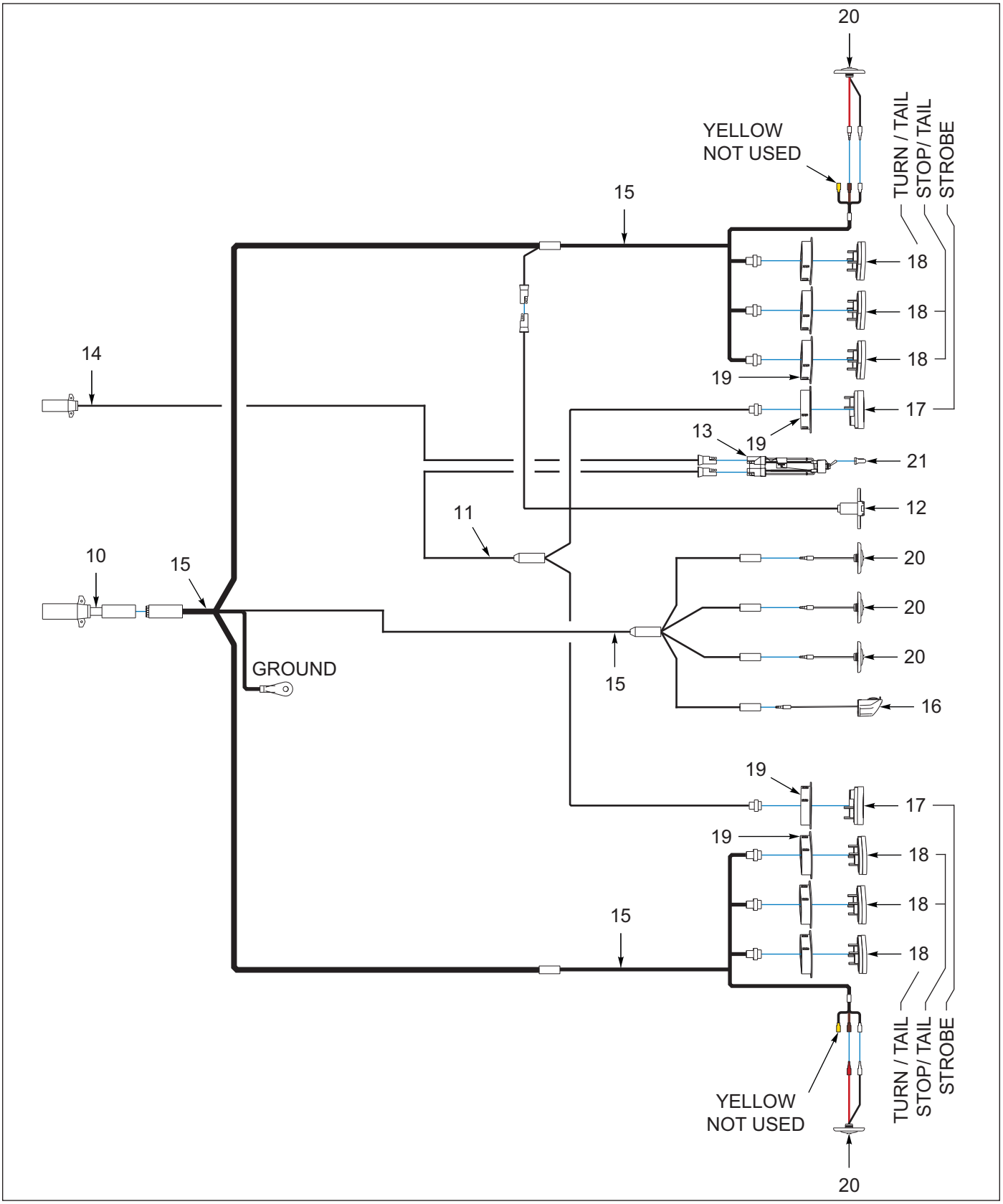


Figure 11-24: Flip Axle, Harness and Lights, 835 / 845AG (Option) (1 of 2)

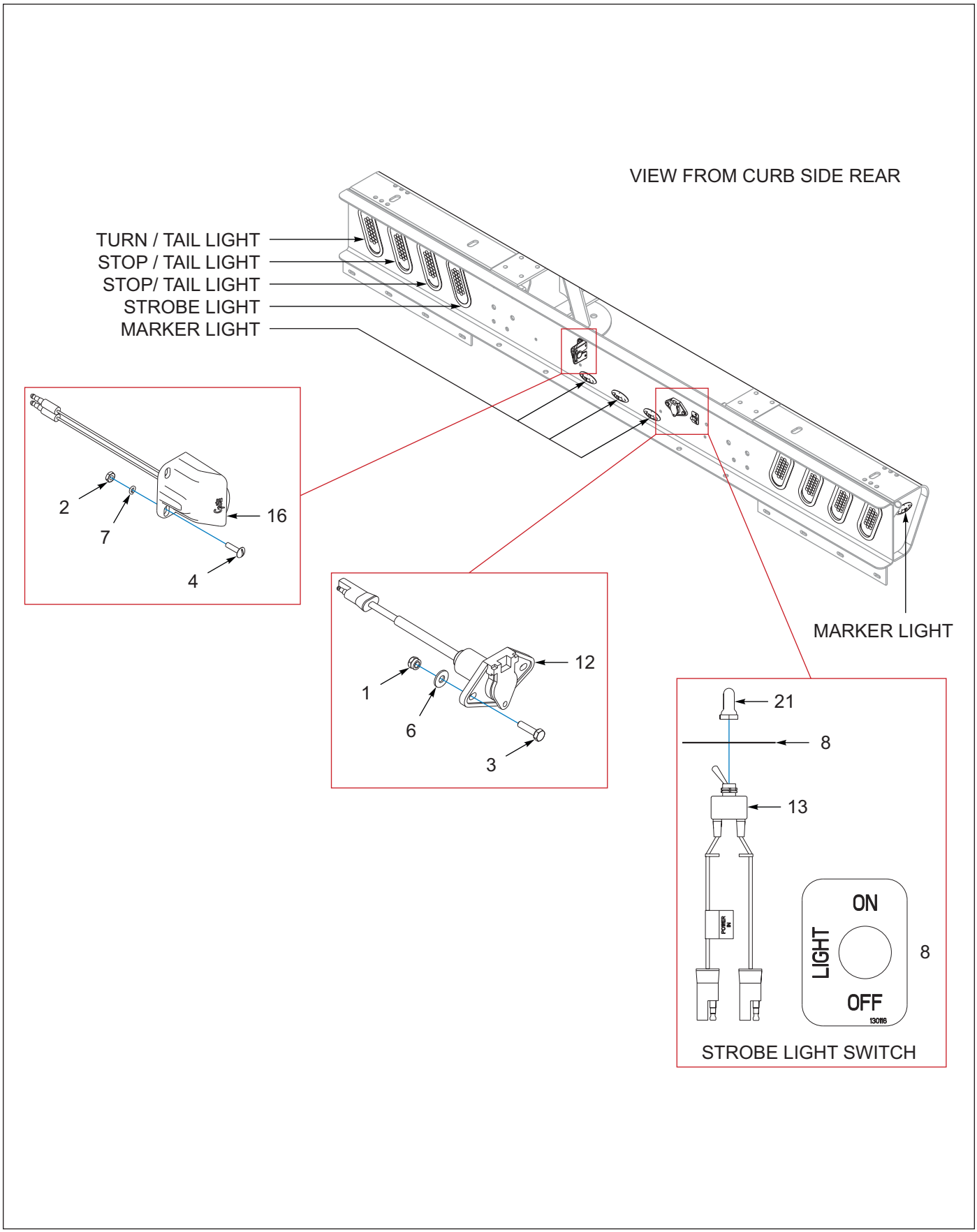


Figure 11-25: Flip Axle, Harness and Lights, 835 / 845AG (Option) (2 of 2)

Flip Axle, Harness and Lights, 835 / 845AG (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 **(SEE PAGE 11-49)**	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	FLANGE 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:

Anti-Lock Brake & Power Supply

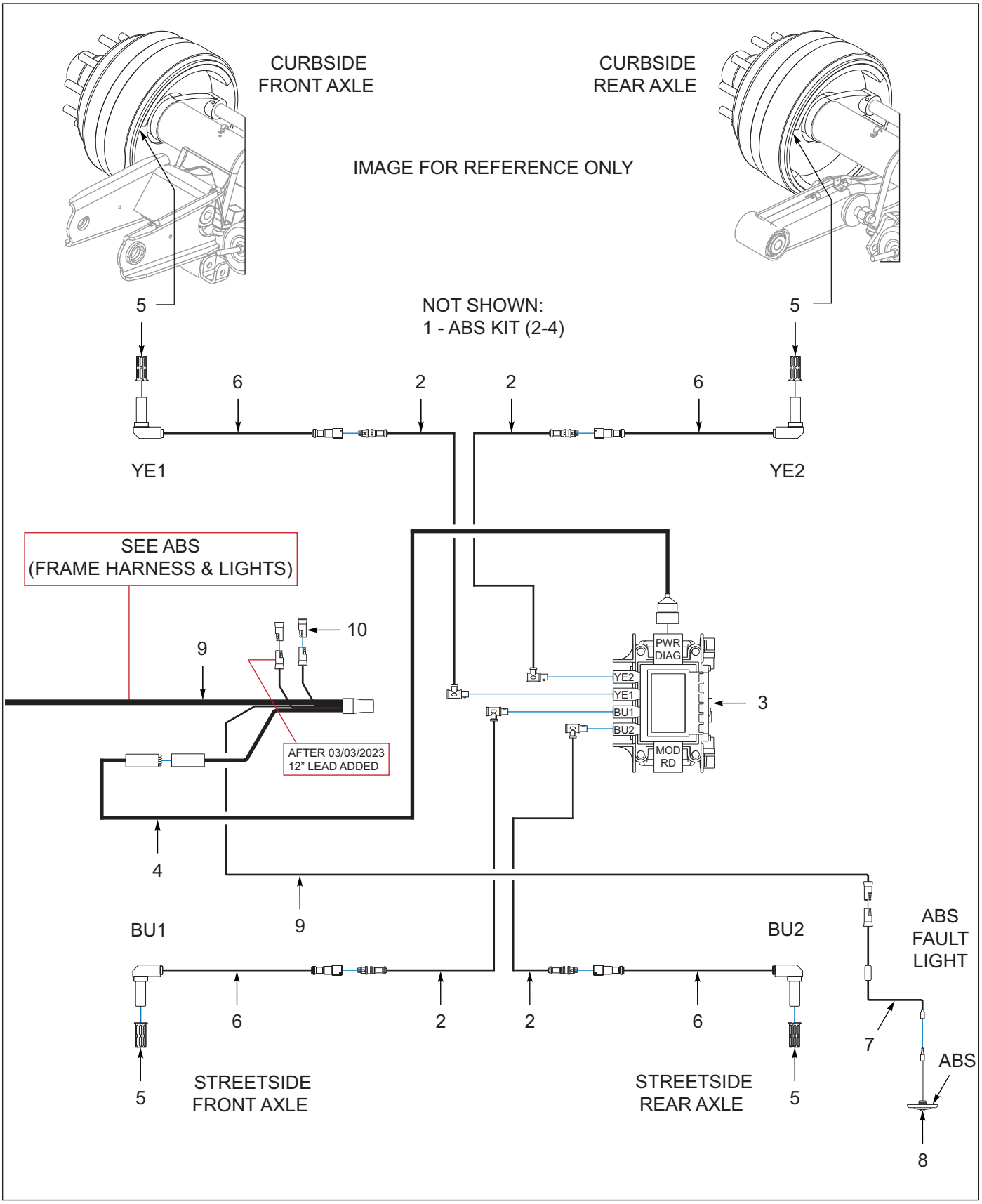


Figure 11-26: Anti-Lock Brake & Power Supply (1 of 2)

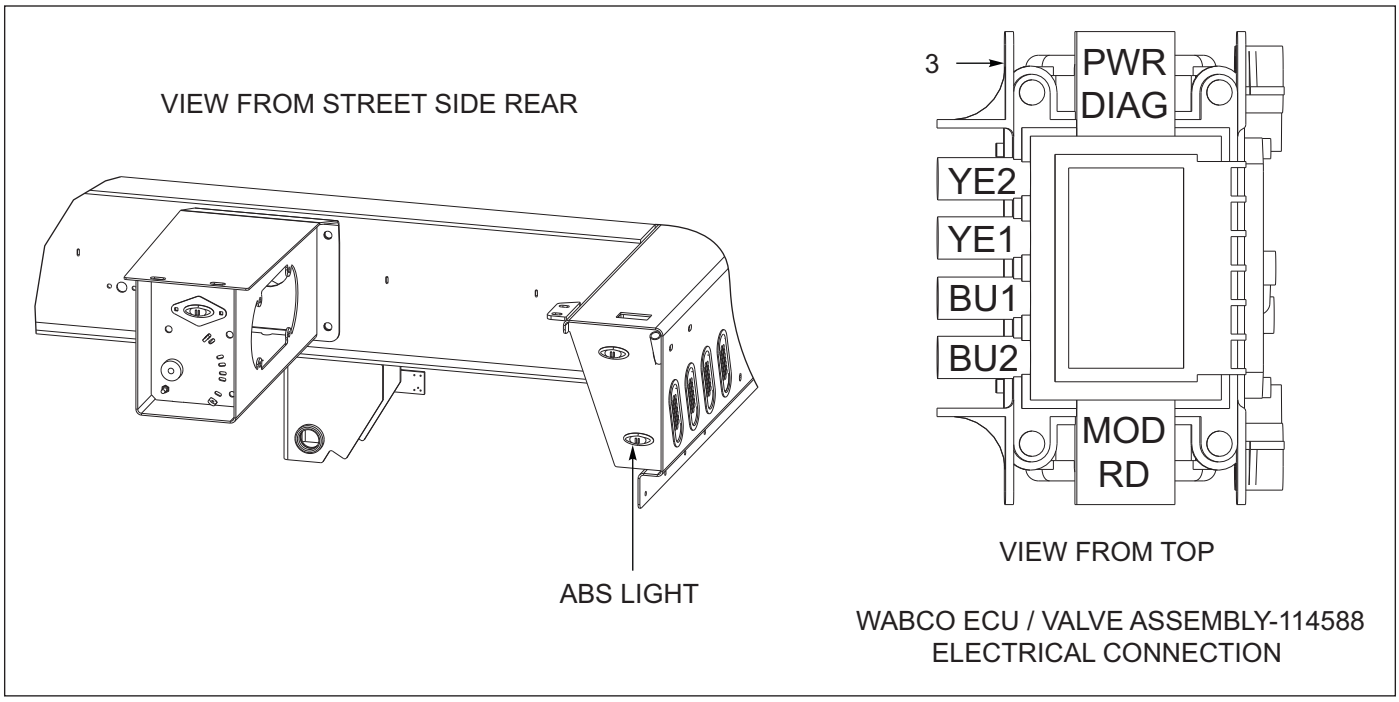


Figure 11-27: Anti-Lock Brake & Power Supply (2 of 2)

Anti-Lock Brake & Power Supply

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
	232517	FRAME ASSY 845-26 3AX 60SPRD	- -
1	114584	ABS KIT WABCO 4S/2M TAB **(2 AXLE)** **(INCLUDES ITEMS 2 - 101848, 3-4)** **(BEFORE 12/08/2021 - AFTER OBSOLETE USE 114586)**	- -
1	114586	ABS KIT WABCO 4S/2MTRI/SPREAD **(2 & 3 AXLE)** **(INCLUDES ITEMS 2 - 103861, 3-4) (2 AXLE ABS AIR SYSTEM - SEE PAGE 10-19) (3 AXLE ABS AIR SYSTEM - SEE PAGE 10-27)**	1
2	101848	SENSOR EXT. CABLE,1.78M,ABS **(2 AXLE - 70 INCH)** **(BEFORE 12/08/2021 - AFTER OBSOLETE USE 103861)** **(INCLUDED WITH ITEM 1, 114584)**	4
2	103861	SENSOR EXT CABLE-3M (10FT) **(2 & 3 AXLE - 118 INCH)** **(INCLUDED WITH ITEM 1, 114586)**	4
3	114588	ECU/VALVE ASSEMBLY 4S/2M **(INCLUDED WITH ITEM 1 - 114584, 114586)**	1
4	147464	POWER CABLE 4.0M **(13' FOOT)** **(INCLUDED WITH ITEM 1 - 114584, 114586)**	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)

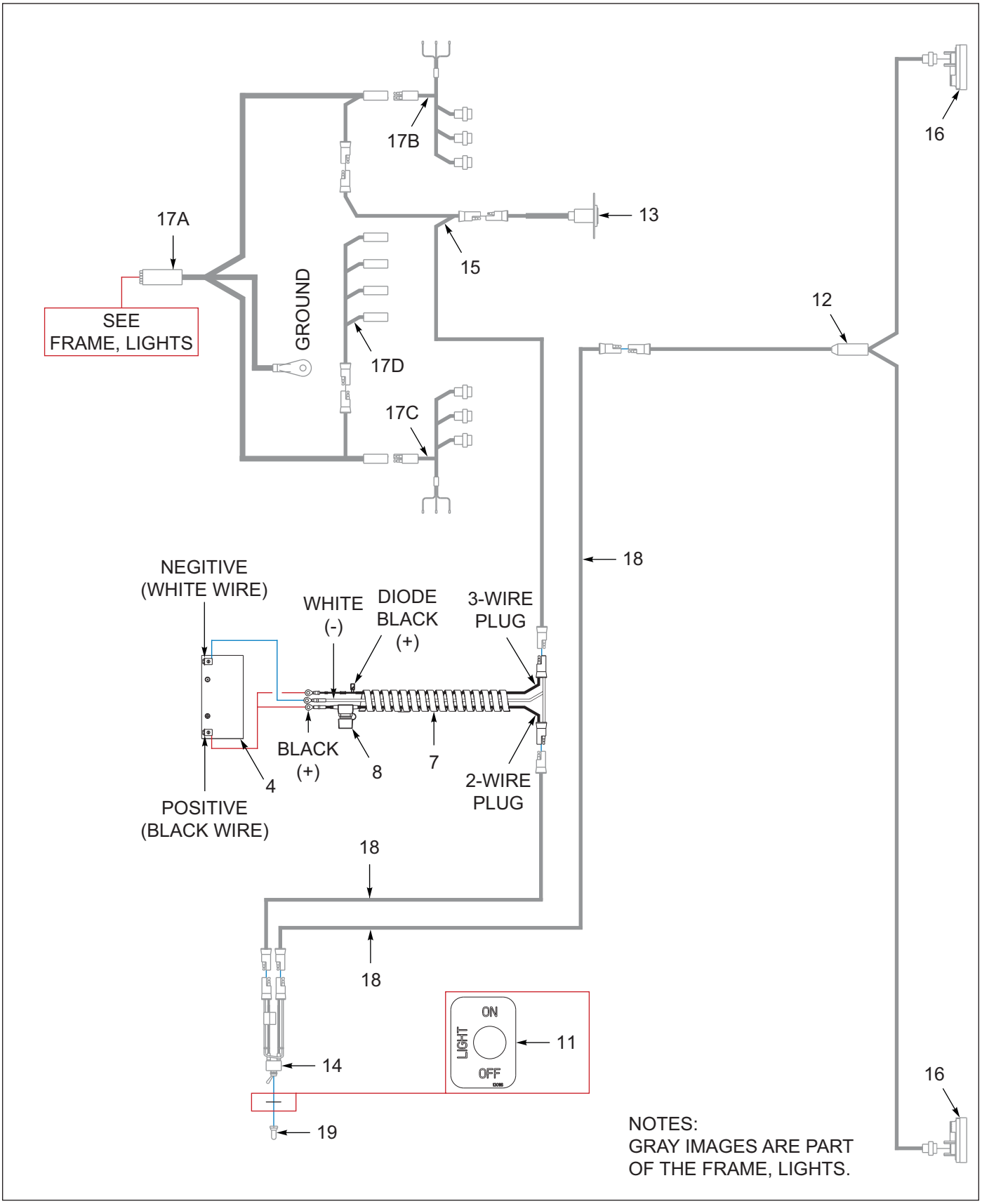


Figure 11-28: Bumper Strobe Battery Backup (Option) (1 of 2)

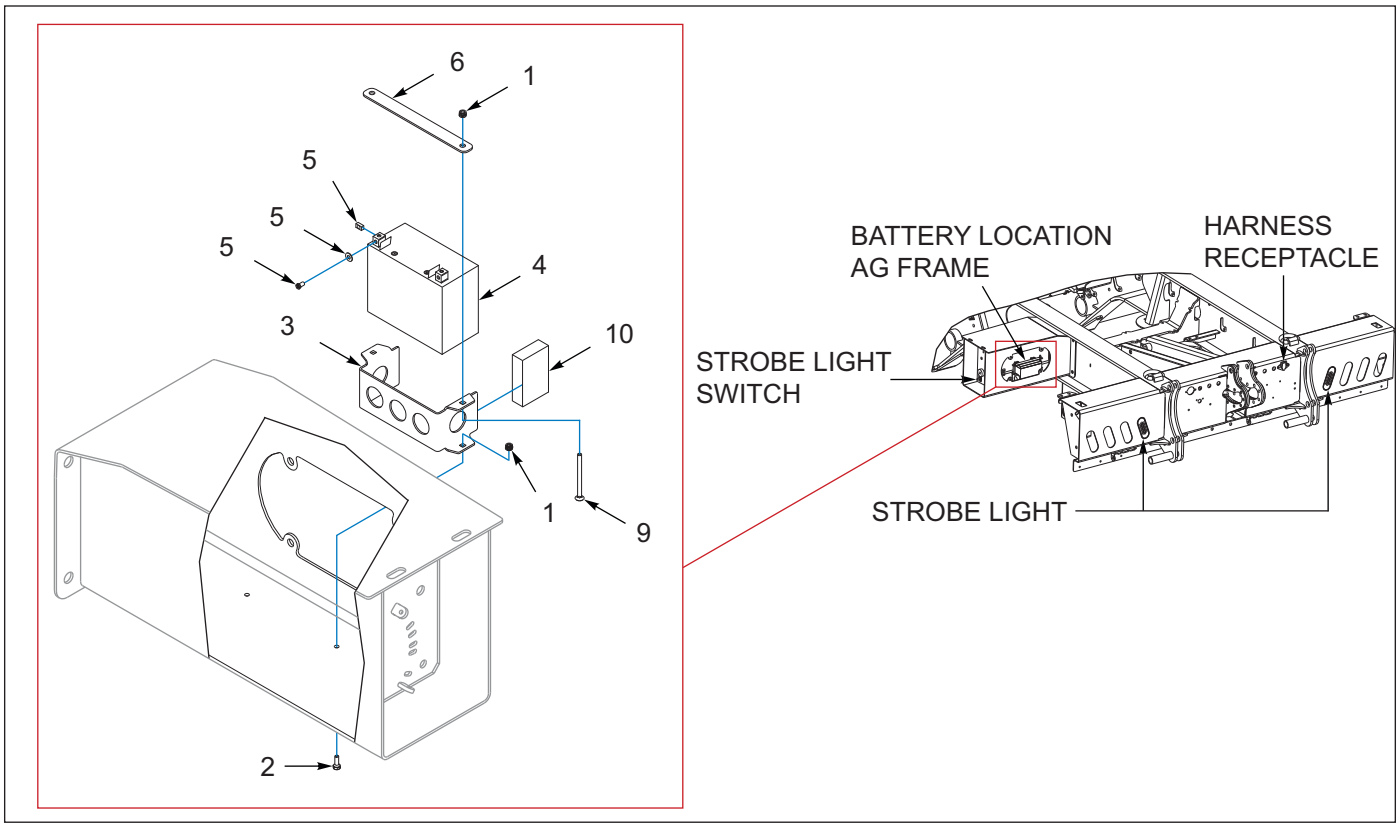


Figure 11-29: Bumper Strobe Battery Backup (Option) (2 of 2)

Bumper Strobe Battery Backup (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	223080	BATTERY BACKUP STROBE LIGHTS **(REQUIRES ITEMS 1-10)**	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	4
2	1-654-010047-04	SCREW,HEX CAP,1/4-20X3/4 GR5	2
3	223076	ANCHOR,BATTERY	1
4	223077	BATTERY,12V,POWERSPORT **(INCLUDES ITEM 5)**	1
5	225303	BOLT/NUT KIT BAT TERM M6X10MM **(INCLUDES 2 SCREW, 2 WASHERS, 2 NUTS)**	1
6	223078	STRAP,BATTERY HOLDDOWN	1
7	223079	HARNESS ASSY JUMPER TRIC CHG **(INCLUDES ITEM 8, FUSE) (BEFORE 07/19/2022, HARNESS DID NOT HAVE FUSE HOLDER)**	1
8	40-0917-10	FUSE, ATO/ATC 10AMP	1
9	225304	SCREW,RHD,SQ NCK 1/4-20X3-1/2	2
10	239-9961	INSULATION OUTER WTR HTR **(BY THE SQUARE FOOT)**	- -
11	130116	DECAL, ON/OFF LIGHT	1
12	150114	HARNESS BUMPER STROBE GROTE	1
13	150116	HARNESS ASSY RCPT 800	1
14	150117	SWITCH ASSY LIGHT GROTE	1
15	150118	HARNESS JUMPER BRANCH	1
16	187869	LIGHT STROBE YEL CLEAR LENS GR	2
17	225266	HARNESS,REAR BUMPER **(INCLUDES ITEMS 17A-17D, INDIVIDUAL COMPONENTS ARE NOT SOLD SEPARATLY)**	1
18	3-368-010252	HARNESS ASSY BKHD LIGHT EXT	2
19	81264	RUBBER BOOT FOR ELECT SWITCH **(12412330)**	1

Light Assembly, License Plate

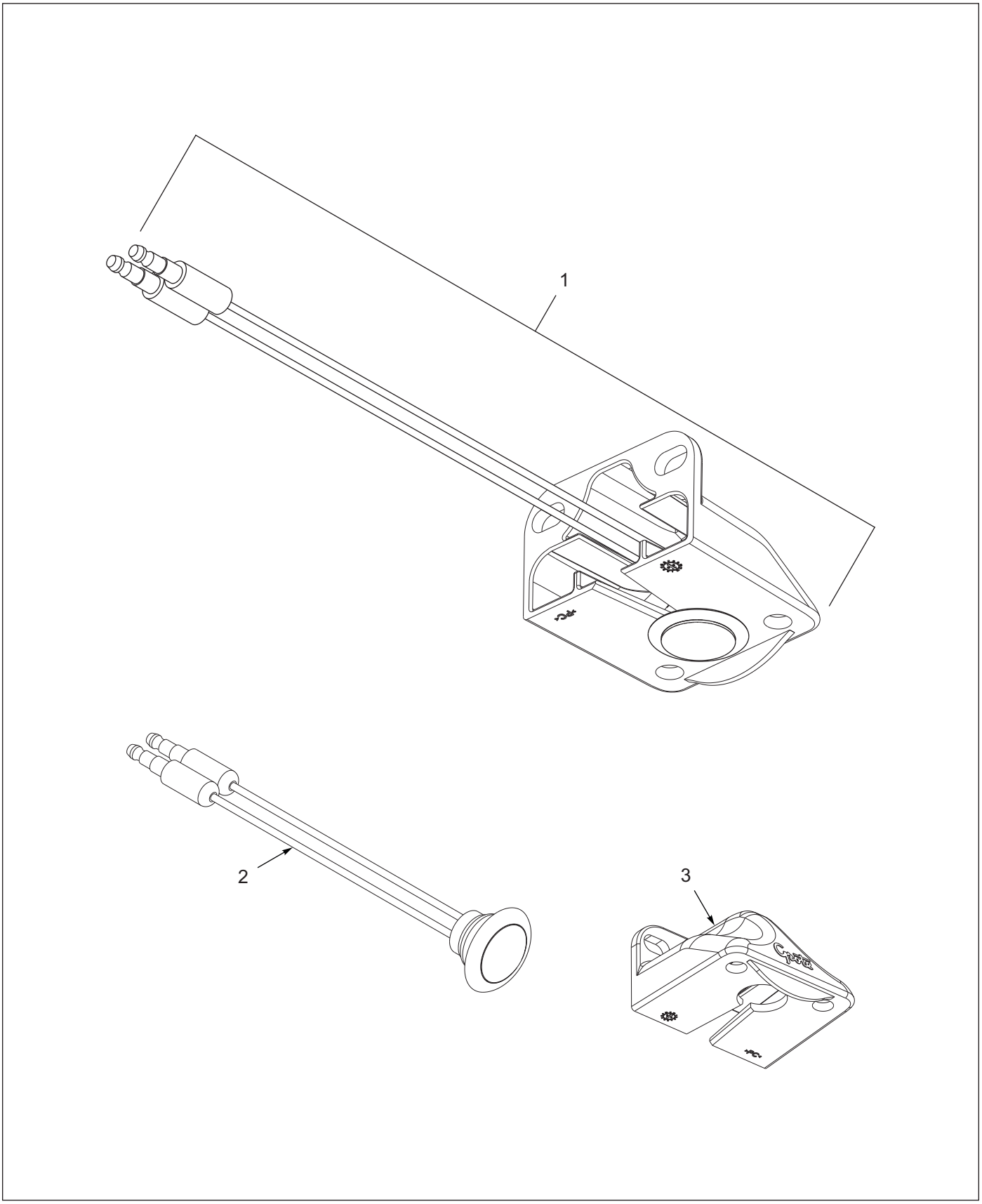


Figure 11-30: Light Assembly, License Plate

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 Assembly, Front Power (Option)

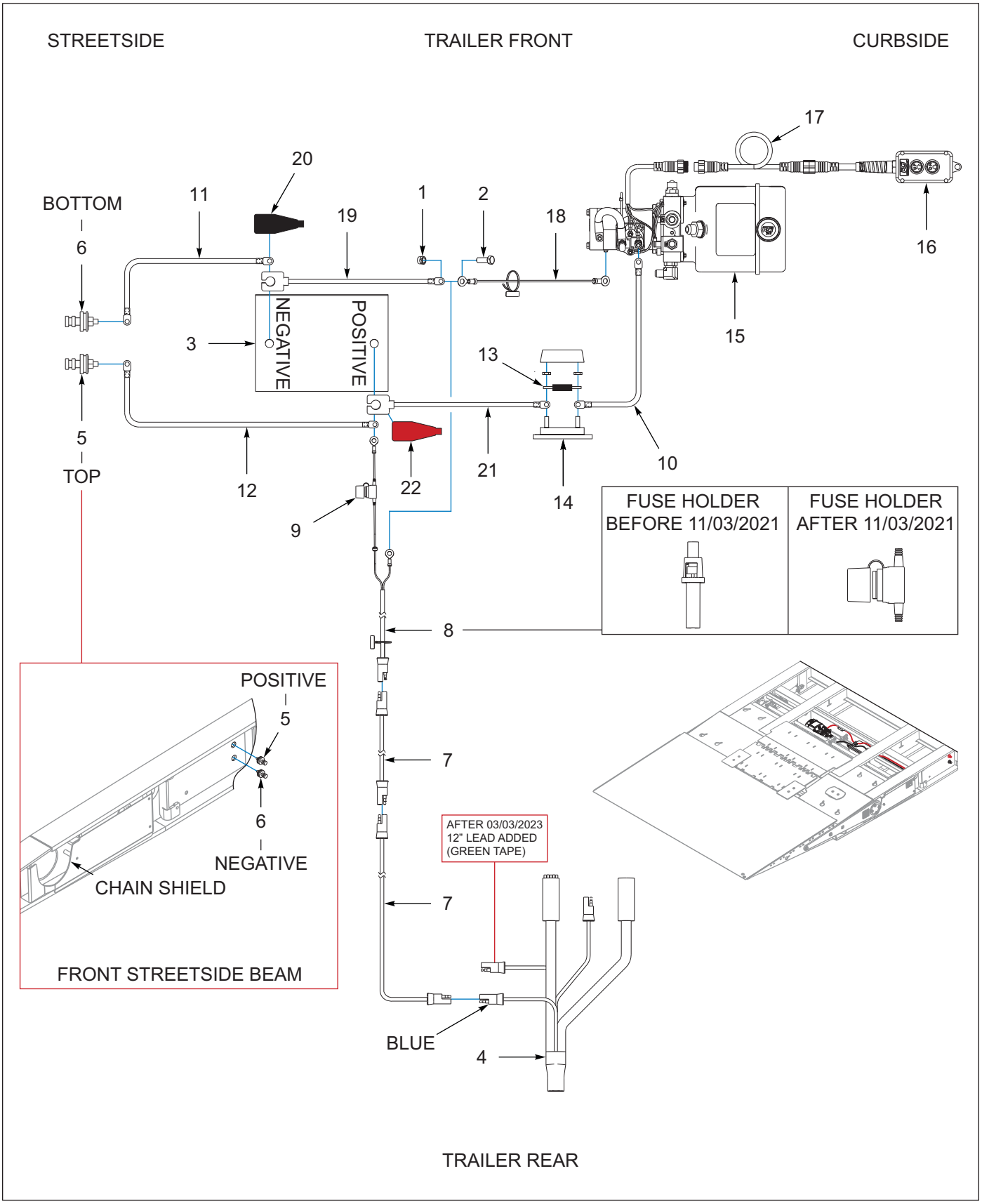


Figure 11-31: Ramp Assembly, Front Power (Option)

Ramp Assembly, Front Power (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	206908	RAMP INSTL 835 POWERED **(LONG RAMP)**	- -
	227749	RAMP INSTL PWR 30, 835 AG **(SHORT RAMP)**	- -
	230152	RAMP INSTL LONG PWR 825 **(LONG 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)** **(MAIN POWER - SEE PAGE 11-17)**	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)

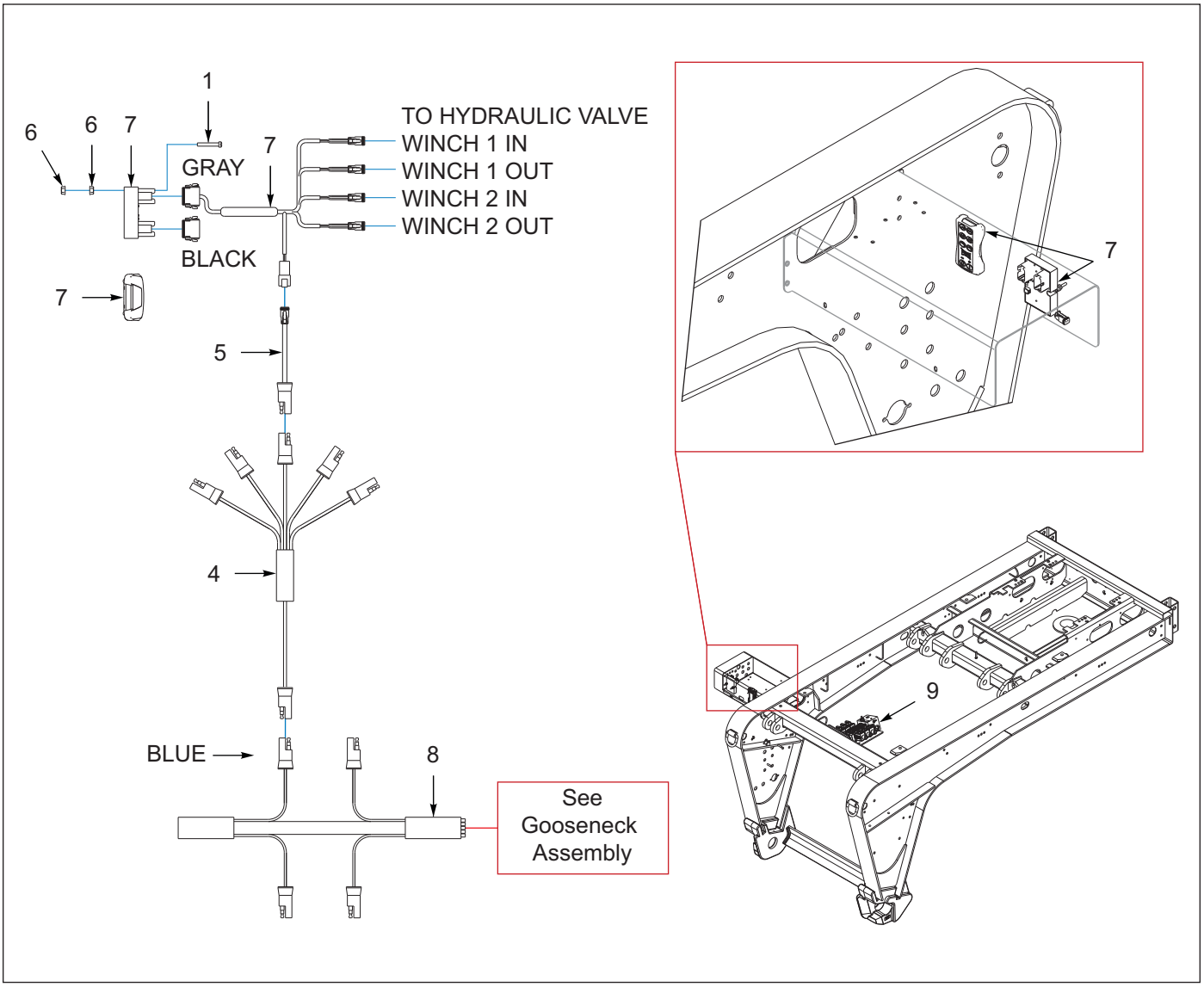


Figure 11-32: Remote Control, Wireless, Brand (Option)

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 FLANGE HD SERRATED	4
7	234701	REMOTE BRAND 4 FUNC WINCH **(KIT - SEE PAGE 11-54)**	1
8	143101	HARNESS FRONT MAIN GROTE **(MAIN POWER - SEE PAGE 11-17)**	1
9	186885	VALVE, 3 SP, MOTOR, SOLENOID **(VAVLE COMPONENTS - SEE PAGE 13-28)**	1

Remote Control, Kit Components, Brand (Option)

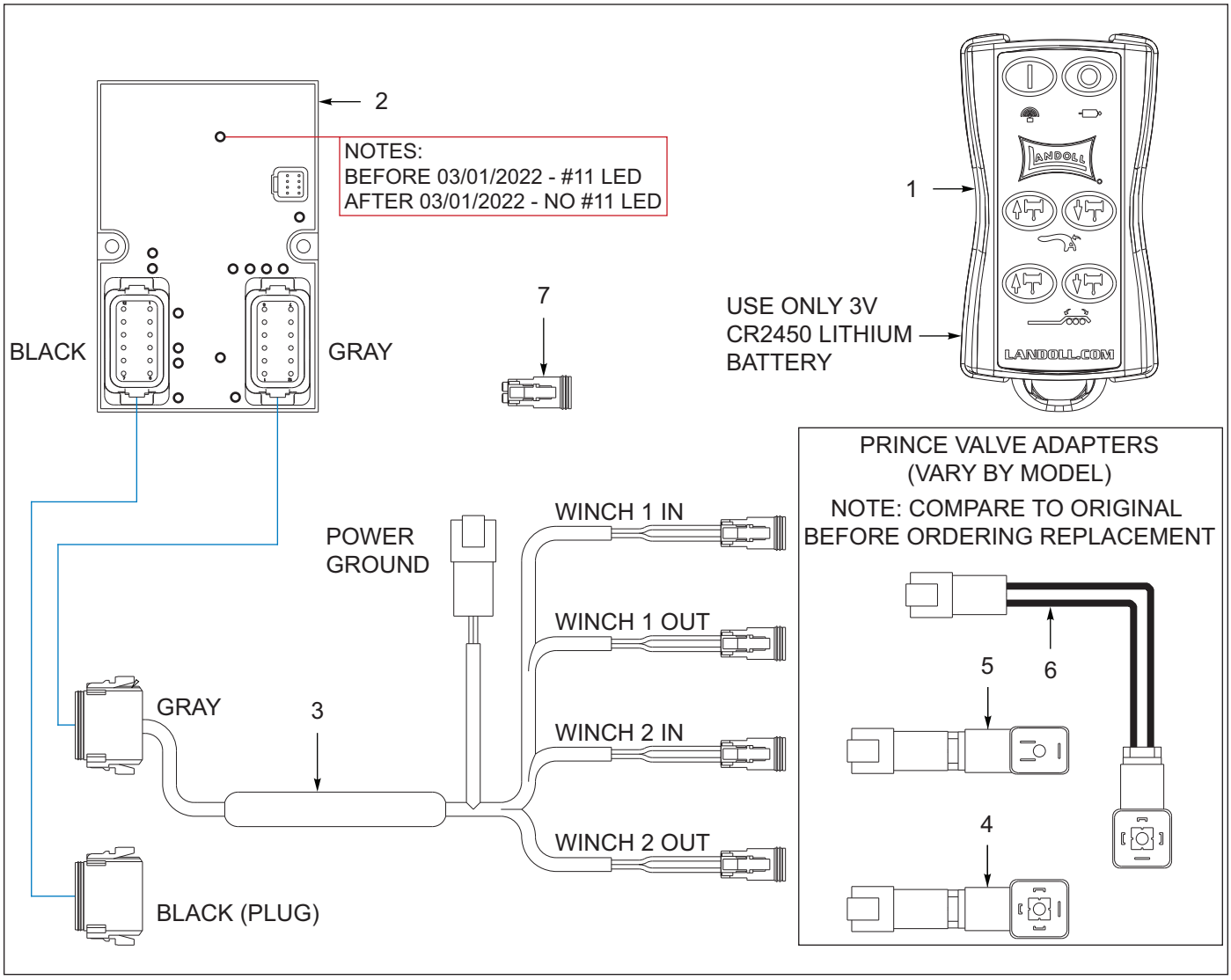


Figure 11-33: Remote Control, Kit Components, Brand (Option)

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)

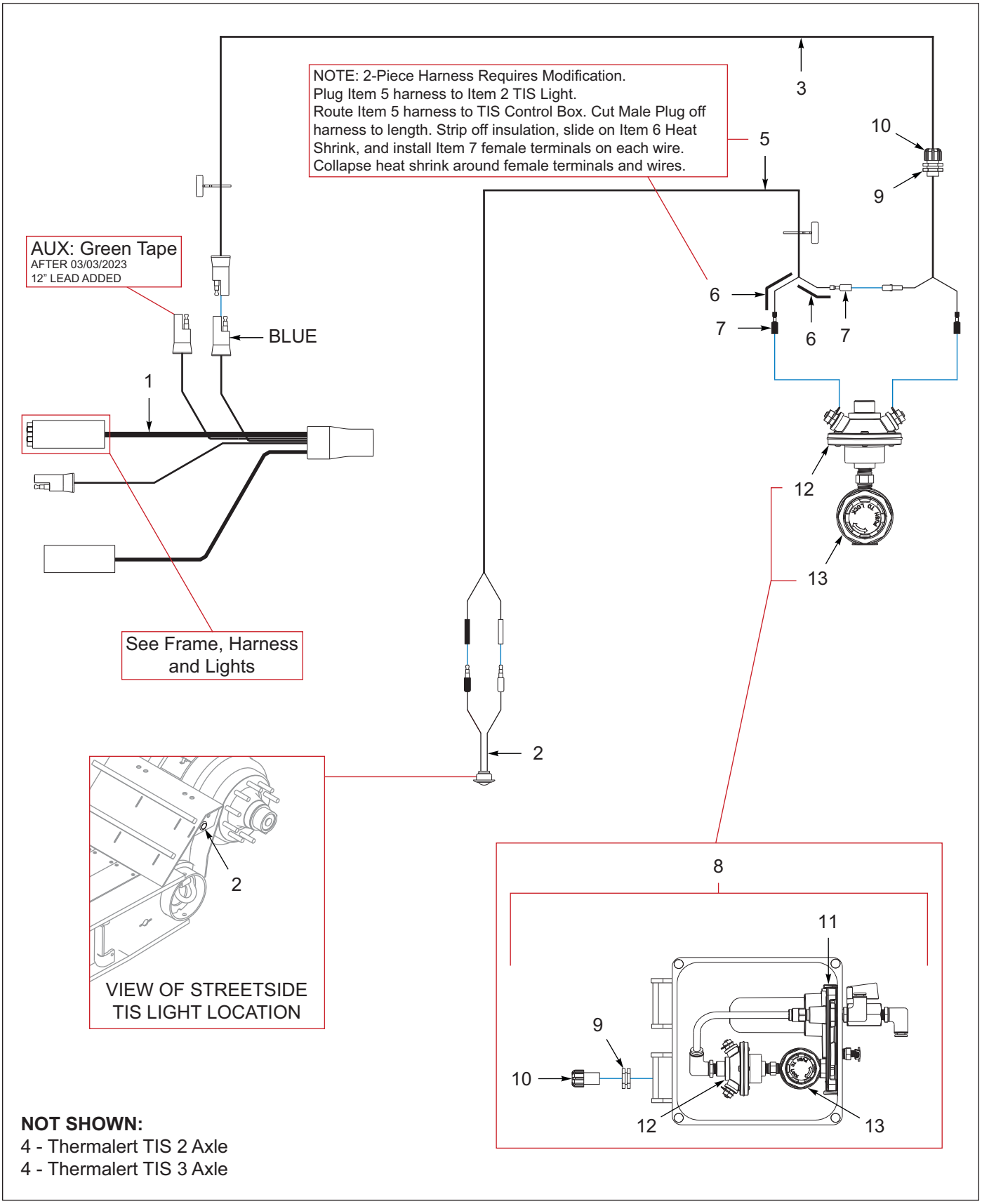


Figure 11-34: Tire Inflation System (Option)

Tire Inflation System (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	230037	FRAME ASSY,825-30 2AX50SPD	- -
	223305	2 AXLE TIS DETACH W/FLIP PROV	- -
	225394	FRAME ASSY 835-32 2AX 50SPD	- -
	223307	3 AXLE TIS DETACH W/FLIP PROV	- -
	238328	3 AXLE TIS DETACH RIGID FRAME	- -
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, MTIS POWER ASSY	1
4	168593	THERMALERT TIS 2 AXLE **(NOT SHOWN)**	1
		(825AG AIR SYSTEM - SEE PAGES 10-67 TO	
		(835AG, 845AG AIR SYSTEM - SEE PAGES 10-71 TO	
4	195395	THERMALERT TIS 3 AXLE **(NOT SHOWN)**	1
		(845AG AIR SYSTEM - SEE PAGES 10-75 TO	
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	1
		(AIR SYSTEMS - SEE PAGES 10-67 TO SEE PAGE 10-75)	
9	106-0006	NUT 1/2 CONDUIT STL	1
10	20125	STRAIN RELIEF, 1/4TO3/8	1
11	230613	TIS MANIFOLD ASSY (NEW STYLE)	1
		(INCLUDES ITEMS 13 AND GASKET, 4 SCREWS & 8" AIR LINE)	
12	180229	FLOW SENSING SWITCH **(216704)**	1
13	- - - - -	PRESSURE REGULATOR **(INCLUDED WITH ITEM 11)**	1

System, Grease

Gooseneck, Standard Duty / Heavy Duty

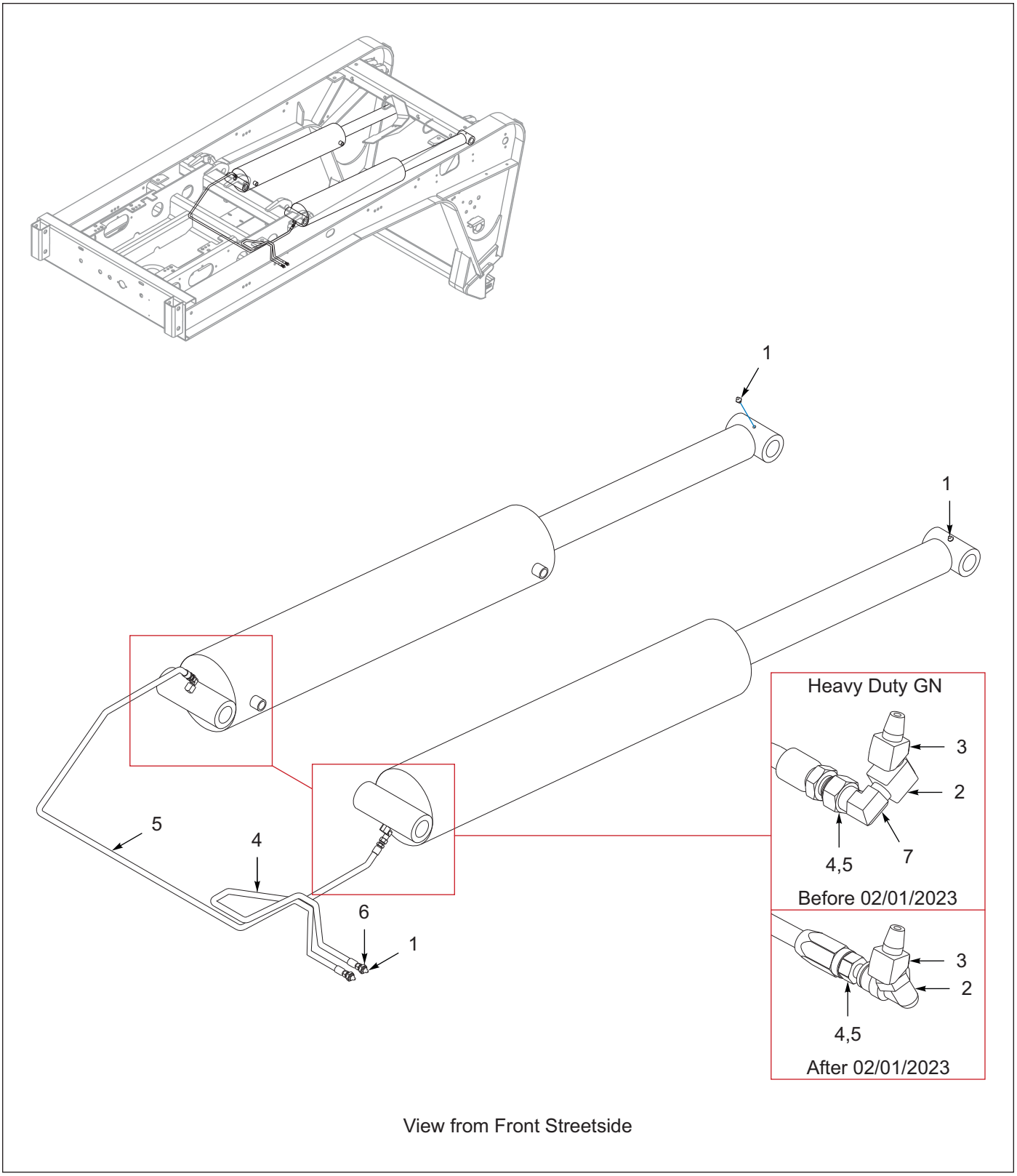


Figure 12-1: Gooseneck, Standard Duty / Heavy Duty (1 of 2)

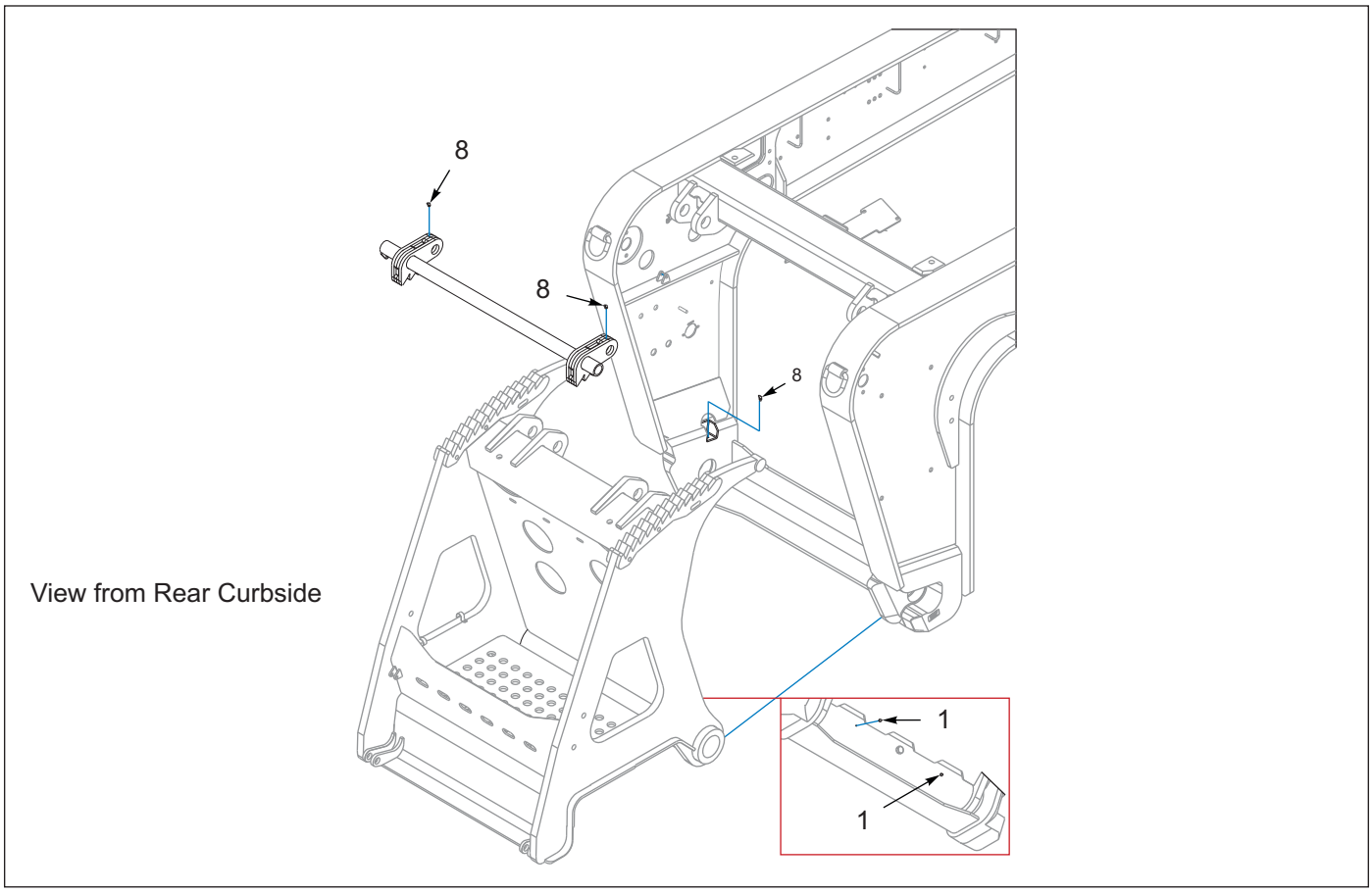


Figure 12-2: Gooseneck, Standard Duty / Heavy Duty (2 of 2)

Gooseneck, Standard Duty / Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY
	197600	GOOSENECK ASSY 835E-12'	- -
	196228	GOOSENECK ASSY 845HD-12'	- -
1	1-298-010001-1	ZERK FITTING 1/4 SAE **(INCLUDED IN ITEM 4-5)**	4
2	101528	ELBOW,BRASS PIPE STREET **(197600, BEF. 02/01/2023) (196228, BEF. 09/01/2023)**	2
2	202099	FITTING GREASE 90 SWIV PTC 1/8 **(197600, AFT. 02/01/2023) (196228, AFT. 09/01/2023)**	2
3	121355	ELBOW ST 45DEG 1/4-28X1/8PTF **(12' HEAVY DUTY ONLY)**	2
4	142441	HOSE ASSY,GREASE 1/4X45 **(INCLUDES ITEM 1)** **(197600, BEF. 02/01/2023) (196228, BEF. 09/01/2023)**	1
4	202103	HOSE ASSY GREASE 1/8 X 45 **(INCLUDES ITEM 1)** **(197600, AFT. 02/01/2023) (196228, AFT. 09/01/2023)**	1
5	142465	HOSE ASSY GREASE 1/4X67 **(INCLUDES ITEM 1)** **(197600, BEF. 02/01/2023) (196228, BEF. 09/01/2023)**	1
5	202105	HOSE ASSY GREASE 1/8 X 67 **(INCLUDES ITEM 1)** **(197600, AFT. 02/01/2023) (196228, AFT. 09/01/2023)**	1
6	142545	NUT 7/16 FOR BULKHEAD	2
7	2024-2-4S	ADAPTER, ELBOW **(197600, BEF. 02/01/2023 - AFTER NOT USED)** **(196228, BEF. 09/01/2023 - AFTER NOT USED)**	2
8	5210	ZERK FITTING 1/4-28X45 SAE	4

Frame, Axle Drum Brake Camshafts, 2 Axle

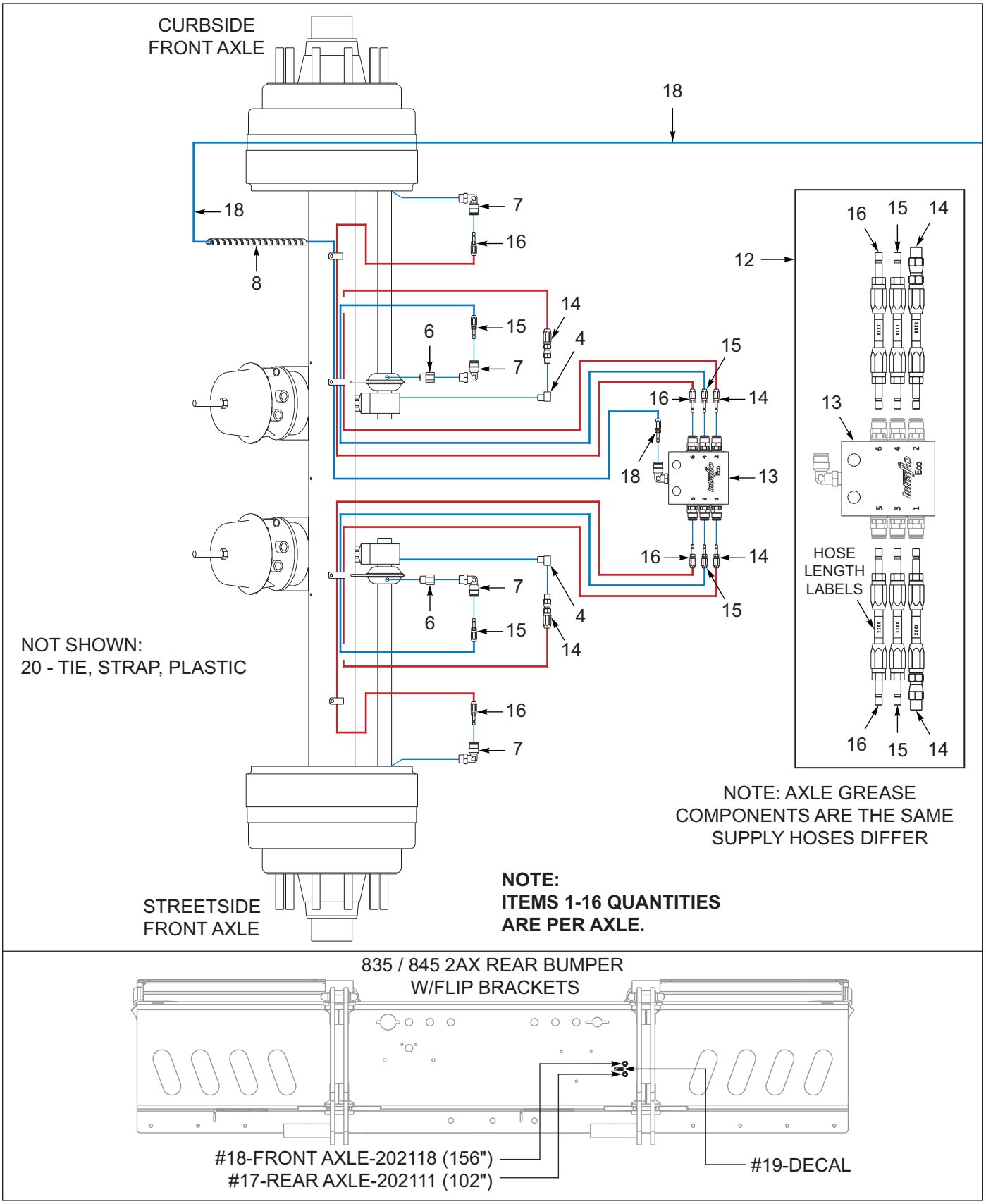


Figure 12-3: Frame, Axle Drum Brake Camshafts, 2 Axle (1 of 3)

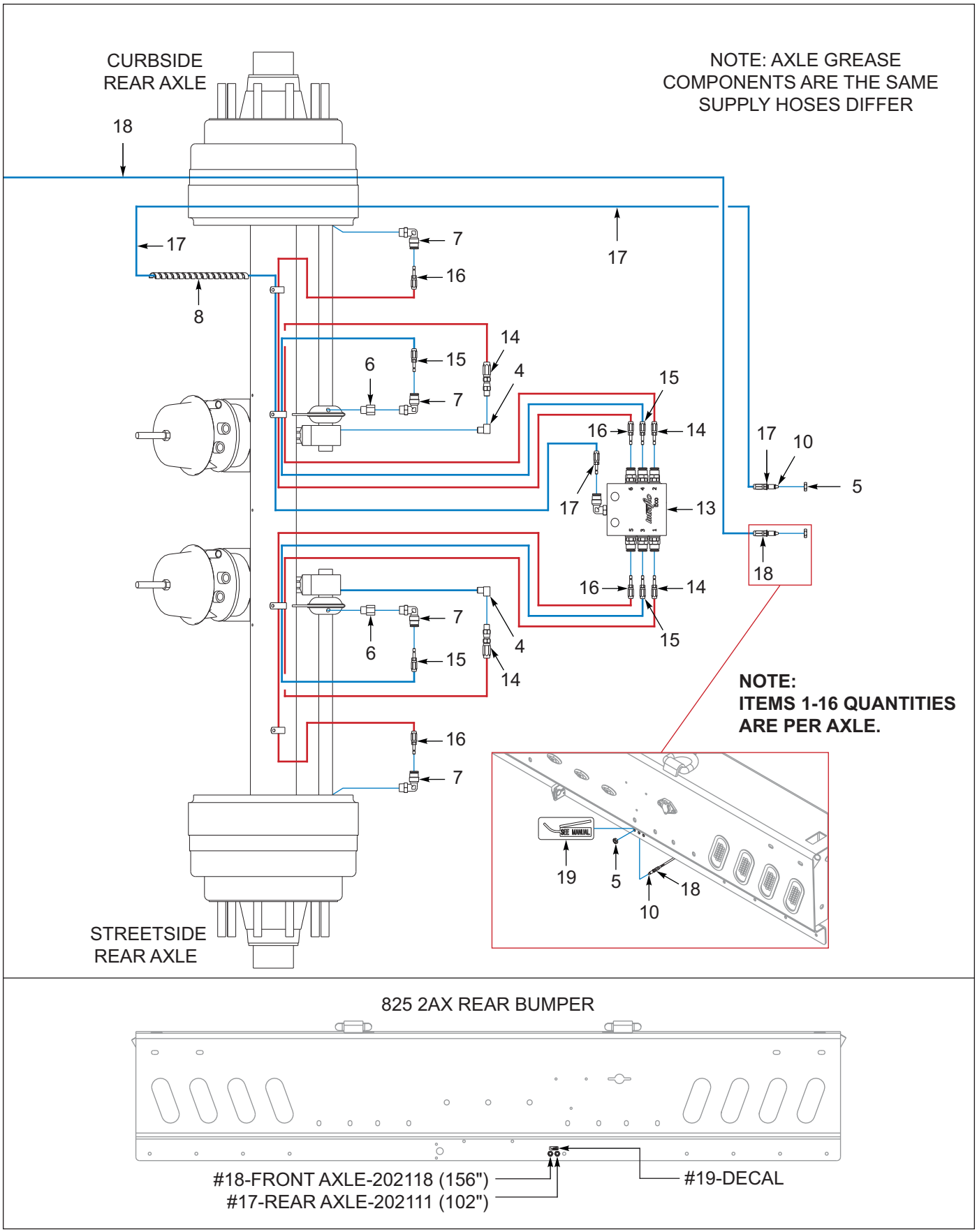


Figure 12-4: Frame, Axle Drum Brake Camshafts, 2 Axle (2 of 3)

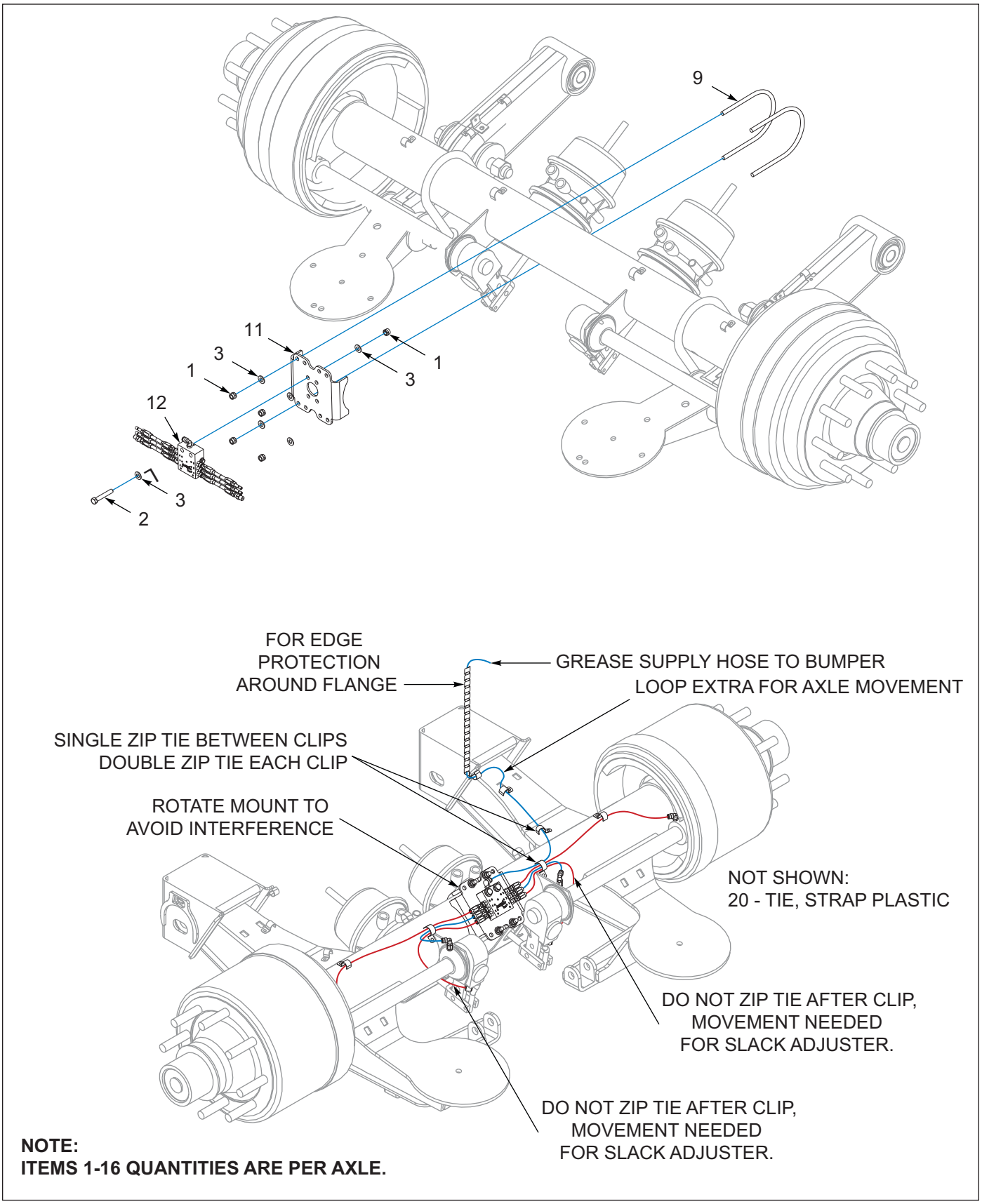


Figure 12-5: Frame, Axle Drum Brake Camshafts, 2 Axle (3 of 3)

Frame, Axle Drum Brake Camshafts, 2 Axle

ITEM	PART NUMBER	DESCRIPTION	QTY
	238619	GREASE ASSY 800-102 TAN DRUM **(102" WIDE TRAILER)**	- -
	238626	GREASE ASSY 800-108/120 TAN **(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 17-18)**	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 **(FRONT AXLE) (INCLUDES ITEM 10, 1 EACH)**	1
19	2-573-010330-04	DECAL LUBRICATION, SEE MANUAL	1
20	1-796-010003-01	TIE, STRAP, PLASTIC .184X7.31 **(BY THE LB) (NOT SHOWN)**	- -

Frame, Axle Drum Brake Camshafts, 3 Axle

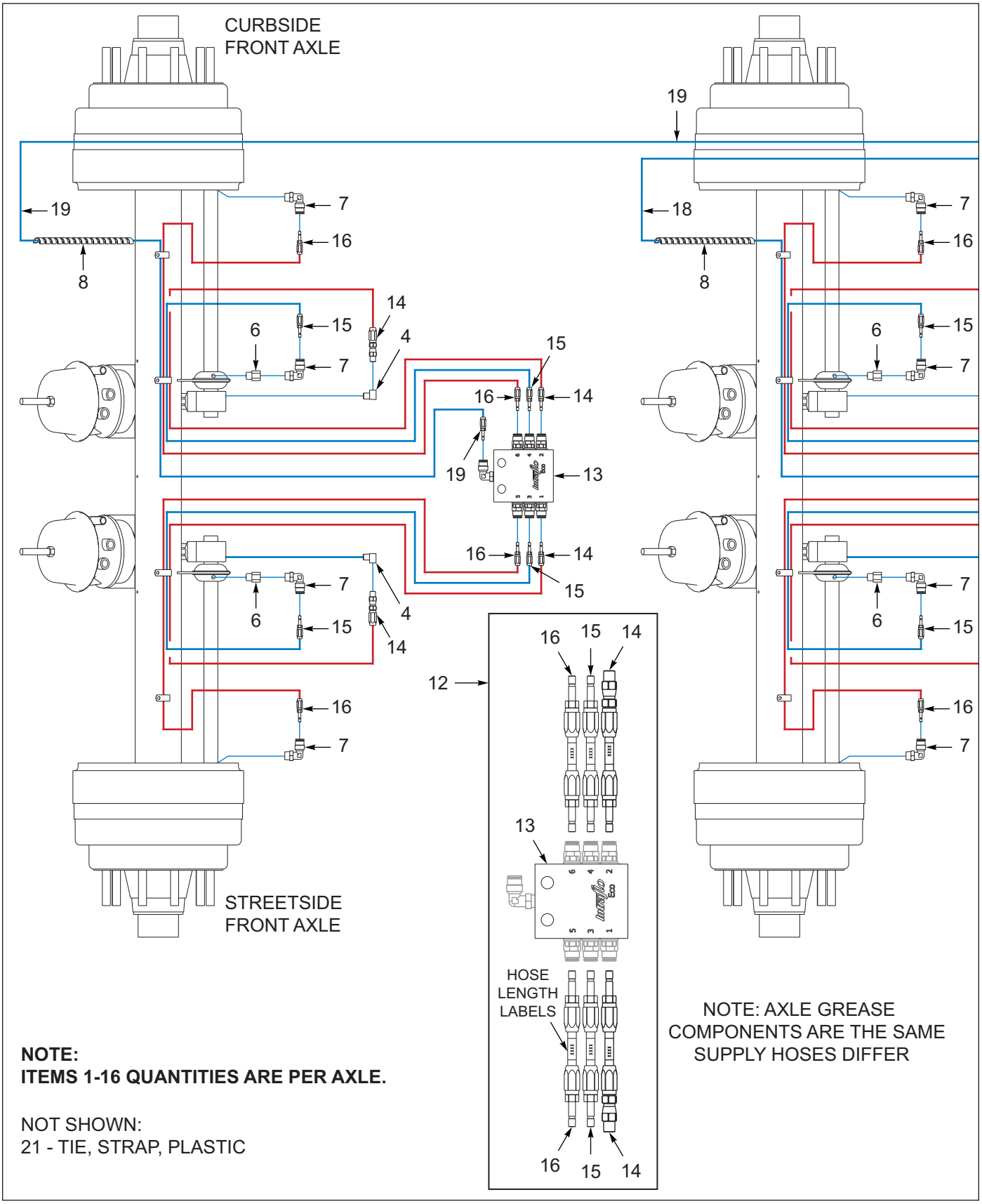


Figure 12-6: Frame, Axle Drum Brake Camshafts, 3 Axle (1 of 3)

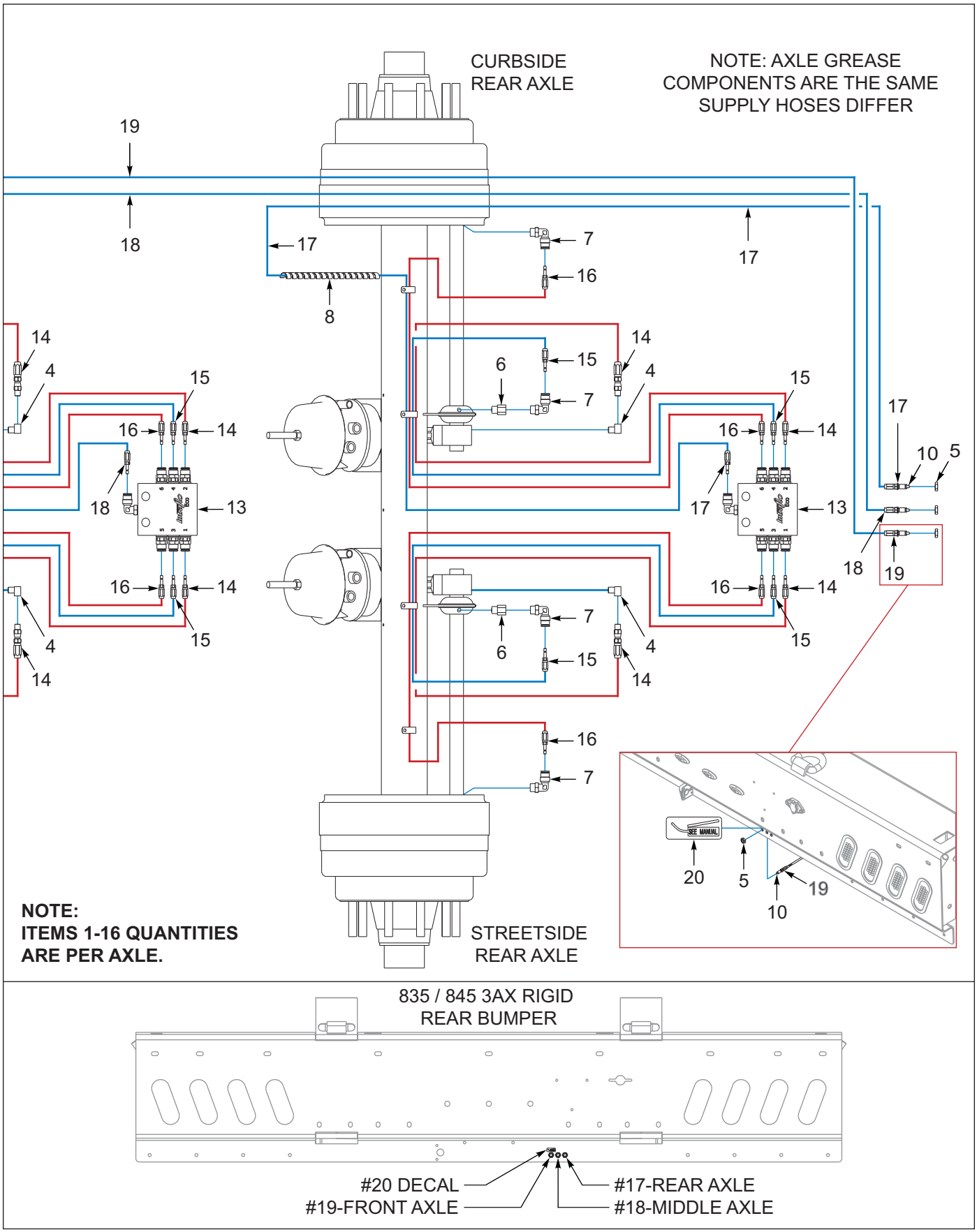


Figure 12-7: Frame, Axle Drum Brake Camshafts, 3 Axle (2 of 3)

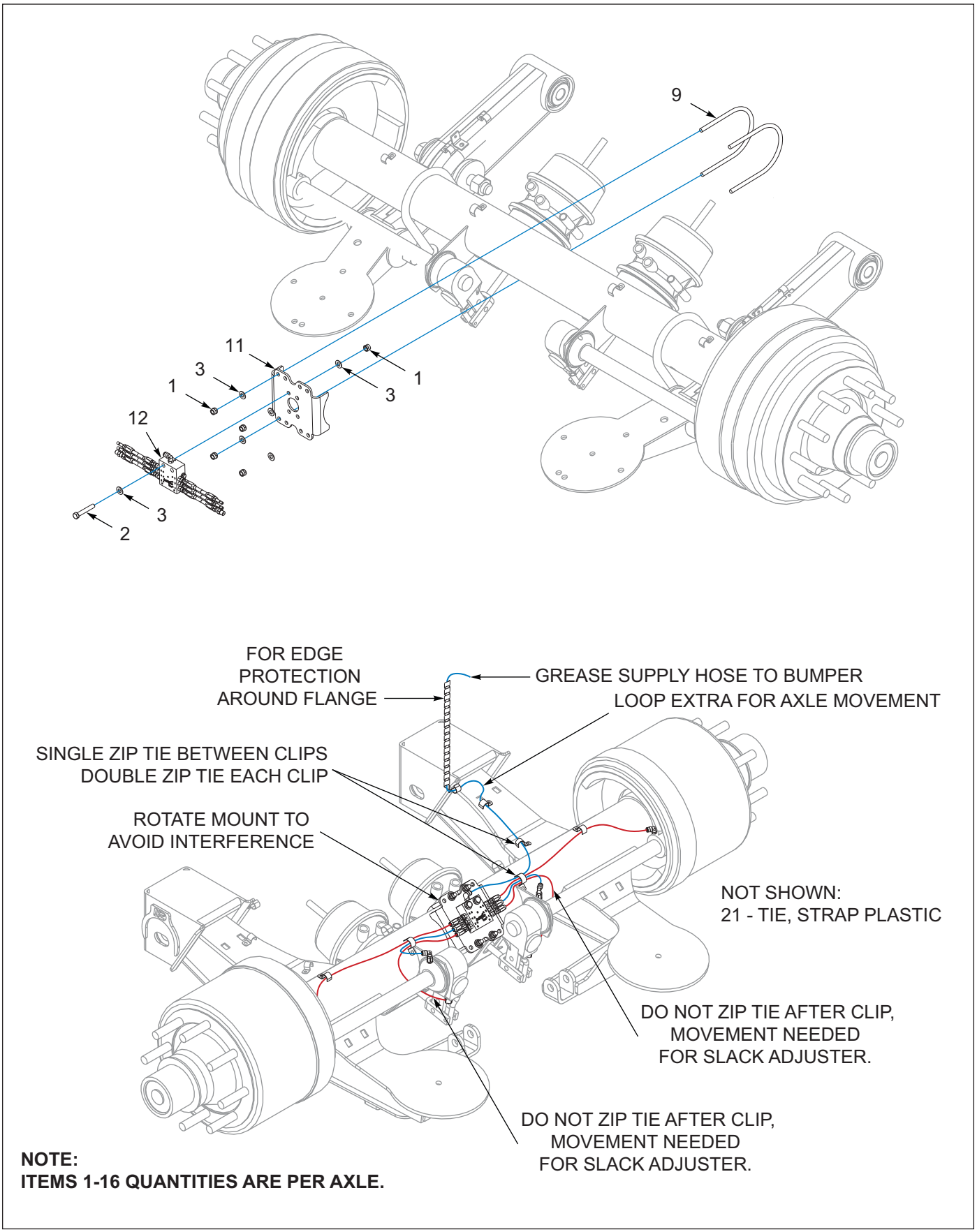


Figure 12-8: Frame, Axle Drum Brake Camshafts, 3 Axle (3 of 3)

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)**	- -

Frame, Flip Axle Drum Brake Camshafts

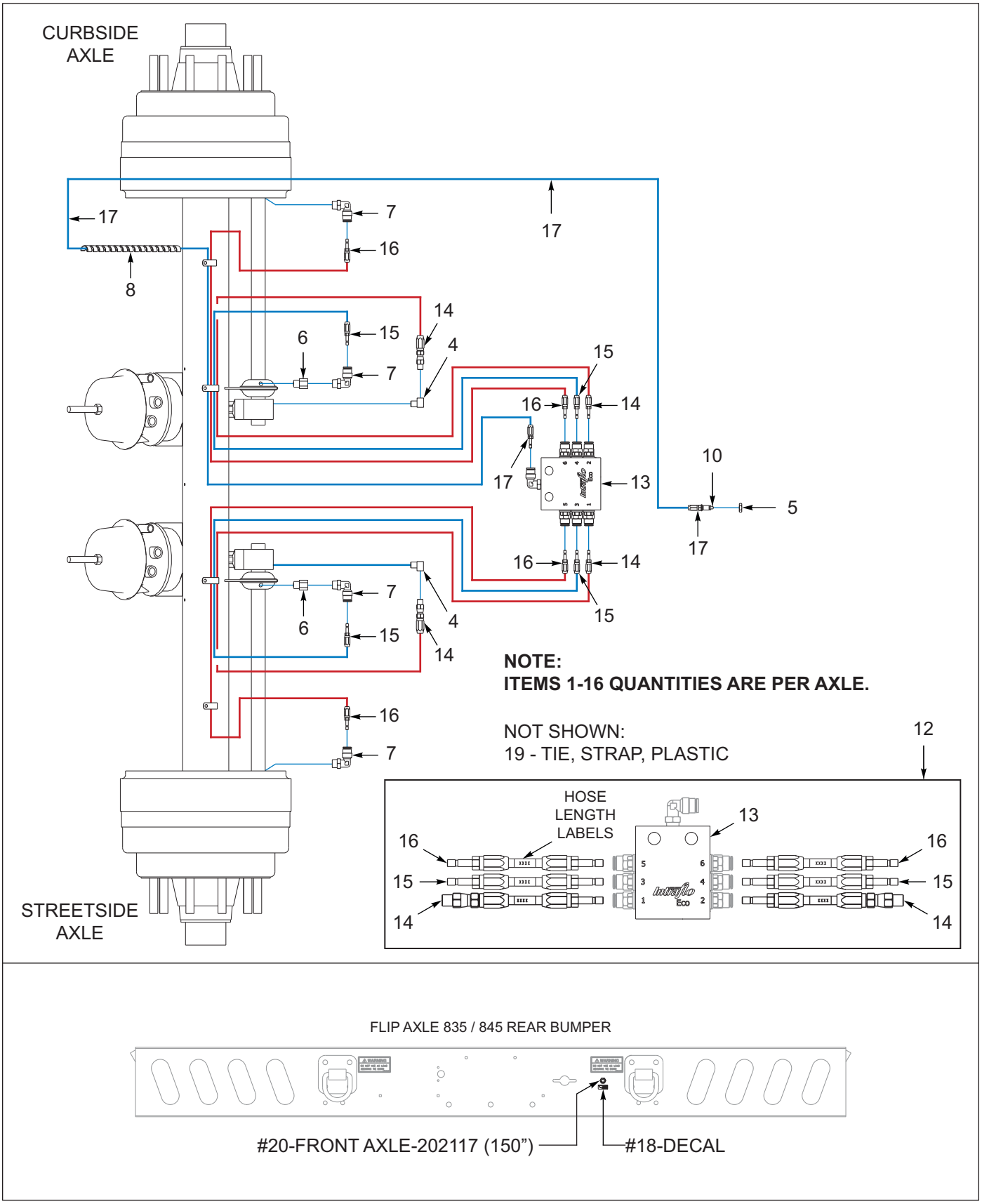


Figure 12-9: Frame, Flip Axle Drum Brake Camshafts (1 of 2)

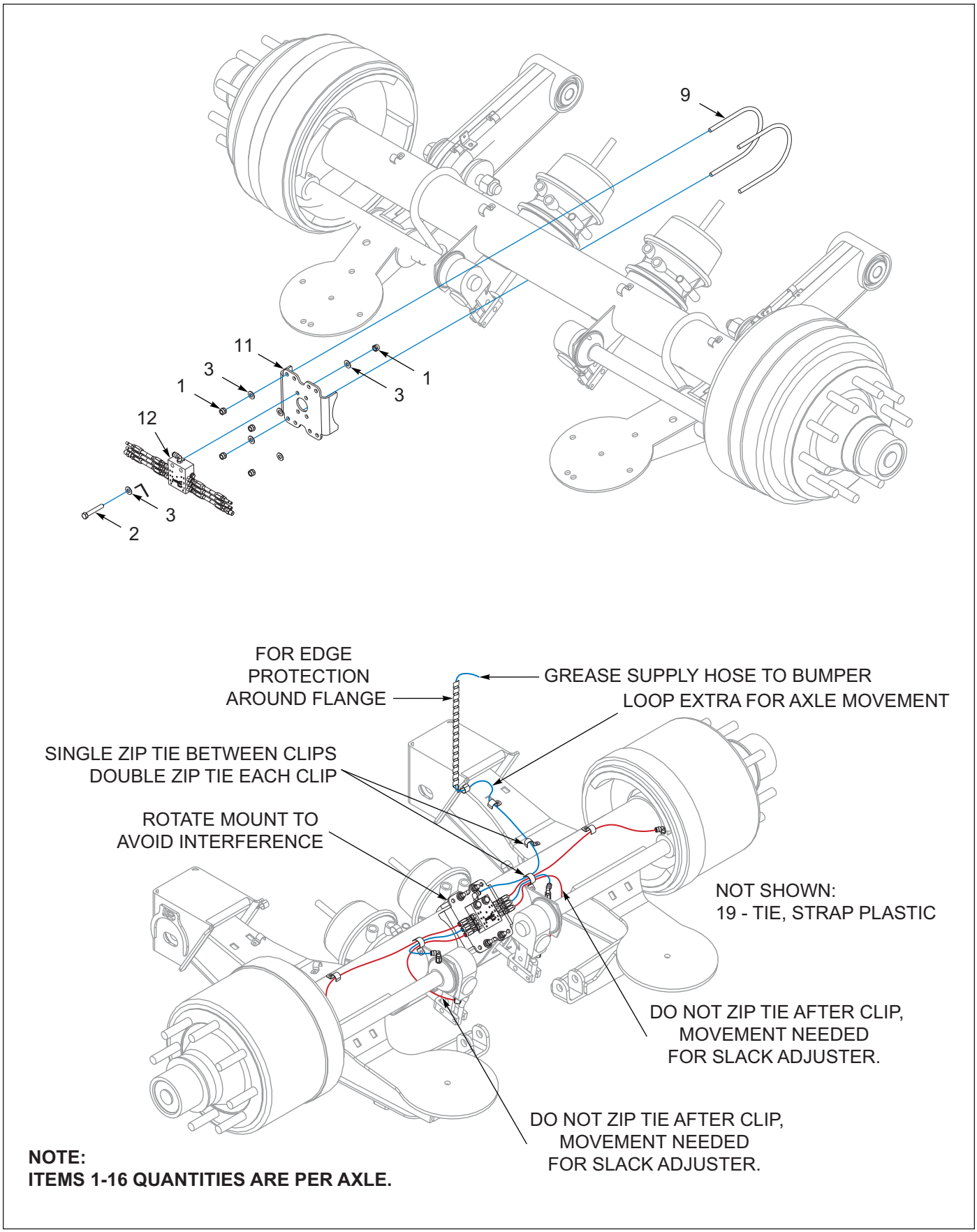


Figure 12-10: Frame, Flip Axle Drum Brake Camshafts (2 of 2)

Frame, 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, Standard Duty / Heavy Duty

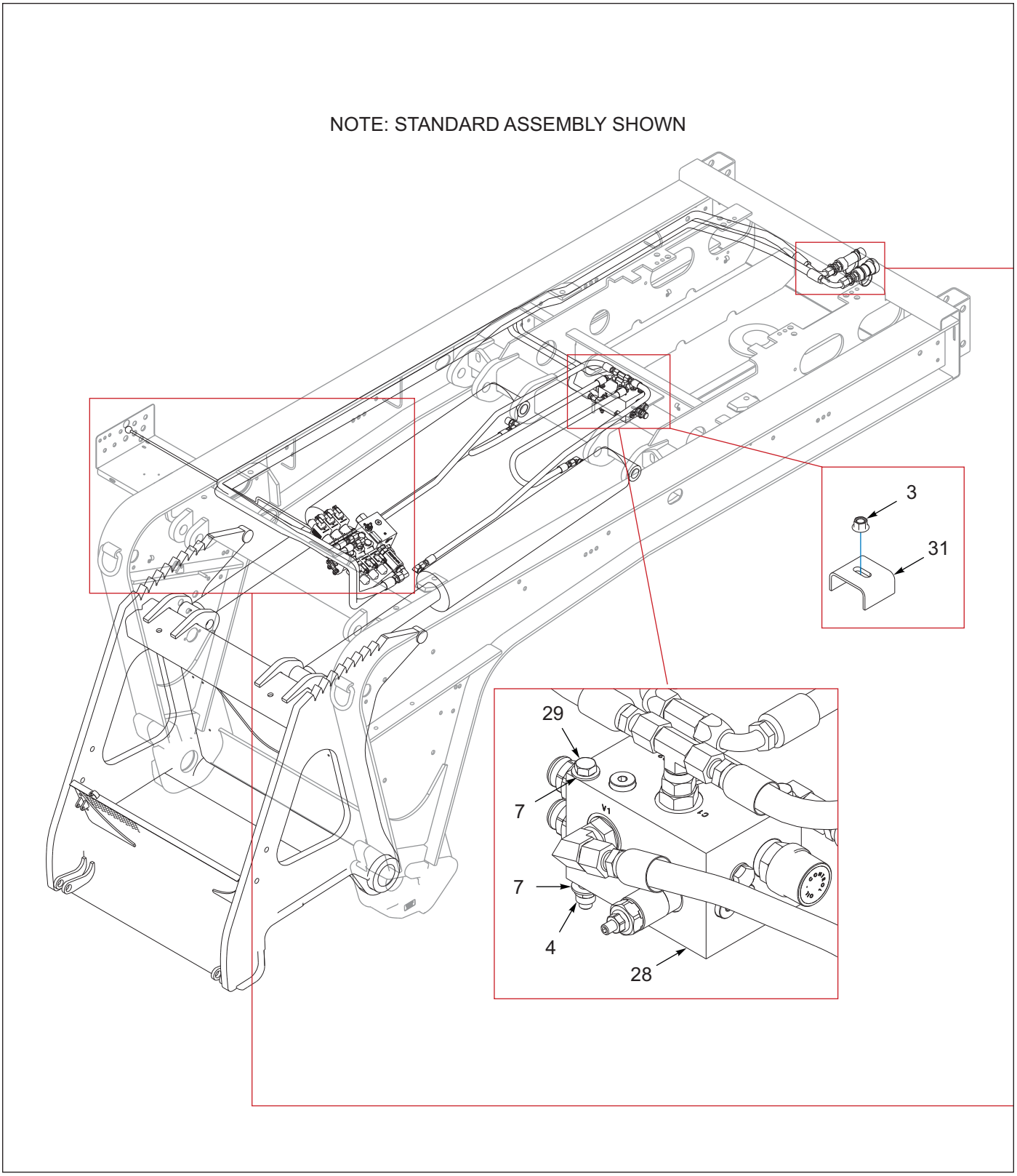


Figure 13-1: Gooseneck, Standard Duty / Heavy Duty (1 of 3)

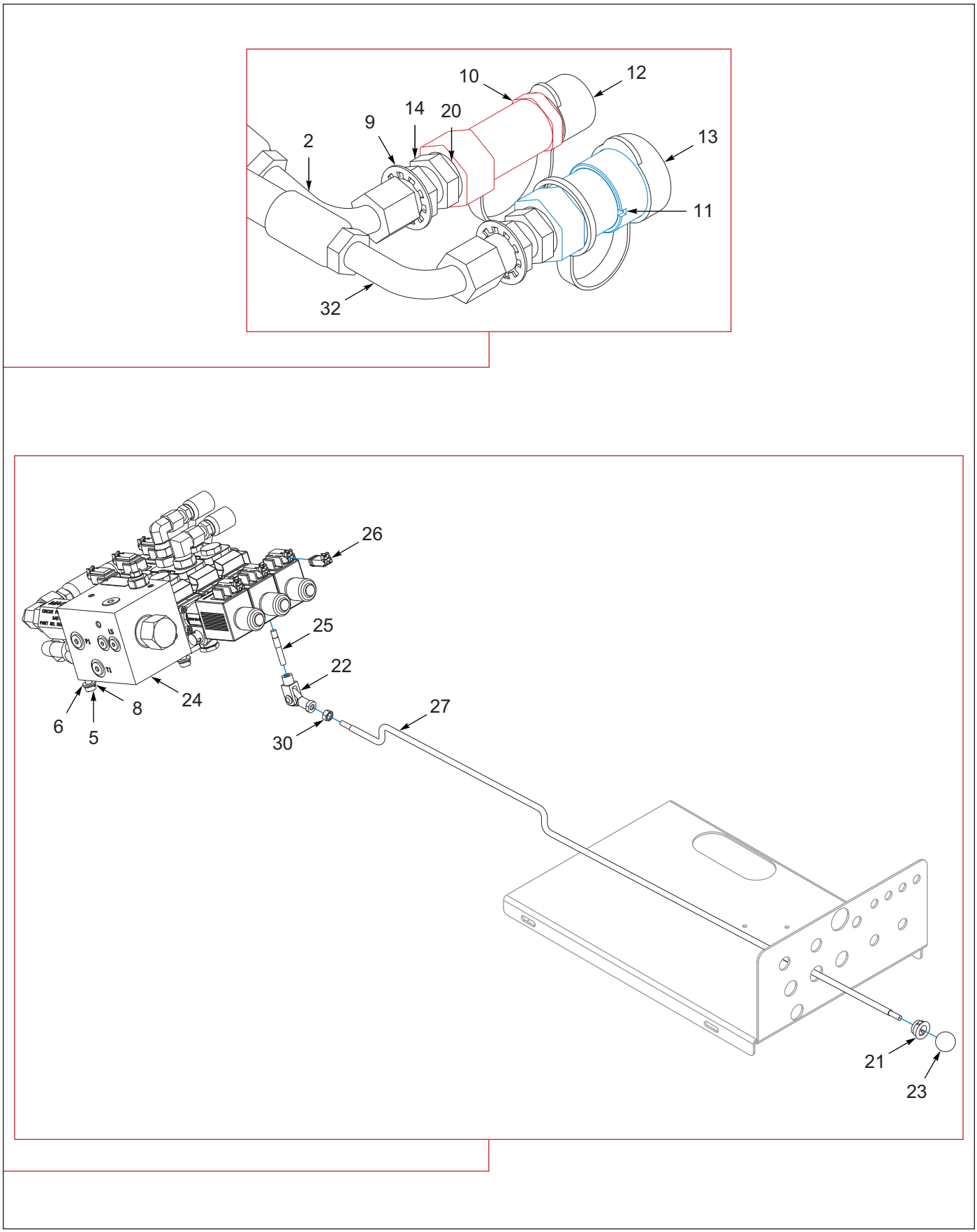
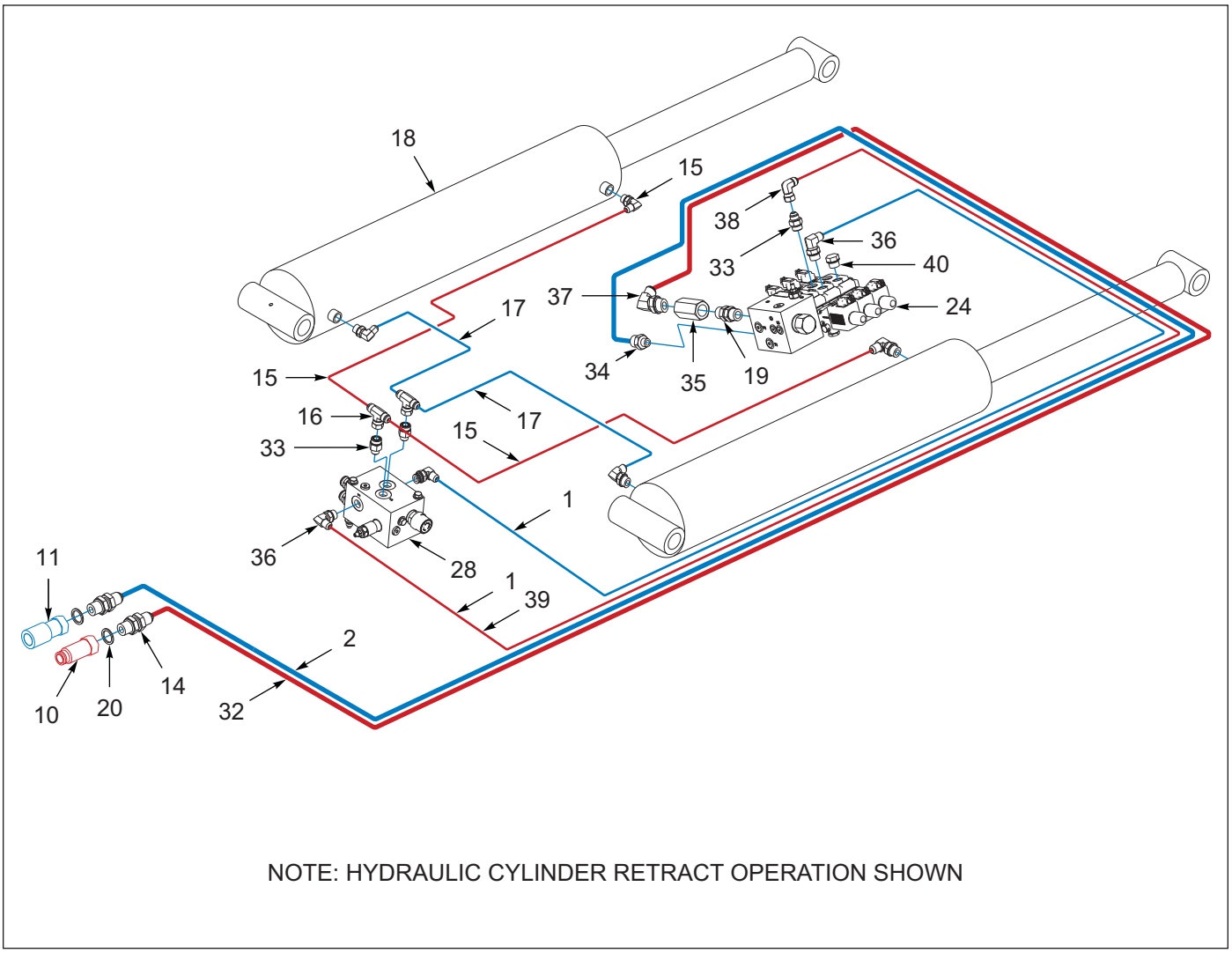


Figure 13-2: Gooseneck, Standard Duty / Heavy Duty (2 of 3)



NOTE: HYDRAULIC CYLINDER RETRACT OPERATION SHOWN

Figure 13-3: Gooseneck, Standard Duty / Heavy Duty (3 of 3)

Gooseneck, Standard Duty / Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY
	200002	GOOSENECK ASSY 835E 10'9" **(825-835)**	- -
	197600	GOOSENECK ASSY 835E-12' **(825-835)**	- -
	196228	GOOSENECK ASSY 845HD-12' **(835HD-845HD)**	- -
1	1-397-010301124	HOSE ASSY,1/2X124 SAE37,STR **(10' 9")**	1
1	1-397-010301114	HOSE ASSY,1/2X114,SAE 37,STR **(12')**	2
1	1-397-010301136	HOSE ASSY,1/2X136 SAE 37 STR **(12' HD)**	1
2	1-397-010305133	HOSE ASSY 3/4X133 SAE37,STR90 **(10' 9")**	1
2	197612	HOSE ASSY 3/4X164 #12 90-90L **(12')**	1
2	197632	HOSE ASSY 3/4X154 #12 90-90L **(12' HD)**	1
3	1-510-010001	NUT, 3/8-16 UNC FLANGE LOCK	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

Gooseneck, Standard Duty / Heavy Duty

ITEM	PART NUMBER	DESCRIPTION	QTY
10	105479	COUPLER FLAT FACE MALE NOSE **(PARTS - SEE PAGE 13-29) (BEFORE 03/01/2022 - SILVER BODY)**	- -
10	239677	COUPLER FL FACE ISO -12 MALE **(PARTS - SEE PAGE 13-29) (AFTER 03/01/2022 - BLACK BODY)**	1
11	105480	COUPLER FLAT FACE FEMALE BODY **(PARTS - SEE PAGE 13-29) (BEFORE 03/01/2022)**	- -
11	239678	COUPLER FL FACE ISO -12 FEMALE **(PARTS - SEE PAGE 13-29) (AFTER 03/01/2022)**	1
12	105481	COUPLER DUST CAP MALE **(BEFORE 03/01/2022)**	1
12	239679	DUST CAP -12 ISO MALE COUPLER **(AFTER 03/01/2022)**	1
13	105482	COUPLER DUST CAP FEMALE **(BEFORE 03/01/2022)**	1
13	239680	DUST CAP FEMALE COUPLER -12ISO **(AFTER 03/01/2022)**	1
14	105483	ADAPTER BLKHD 12JIC-12 ORING	2
15	121002	HOSE ASSY1/2X45,SAE37,STR-STR **(10' 9", 12' HD)**	2
15	1406044	HOSE ASSY 1/2X60SAE37STR-STR **(12' ONLY)**	2
16	123109	ADAPTER, TEE, #8JIC FEM BR	2
17	125871	HOSE ASSY 1/2X21 SAE37 STR-90 **(10' 9", 12' HD)**	2
17	105275	HOSE ASSY 1/2X45 SAE37 STR90 **(12')**	2
18	138711	CYL HYD 6X30 O-RING **(10' 9", 12") (CYLINDER COMPONENTS - SEE PAGE 13-22)**	2
18	160366	CYL HYD 7 X 34 O-RING **(12' HD) (CYLINDER COMPONENTS - SEE PAGE 13-23)**	2
19	158581	ADAPTER STR #12 ORB - #12 ORB	1
20	169365	SPACER HYDR COUPLERS **(USED BEFORE 02/01/202 - AFTER HEX RETAINER WELDED TO FRAME)**	2
21	178444	BUSHING NYLON INSERT 9/16ID	1
22	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
23	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
24	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(VAVLE COMPONENTS - SEE PAGE 13-28)**	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	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
31	2-181-010001	HOSE CLAMP	1
32	200014	HOSE ASSY 3/4X142 #12 90-90L **(10' 9")**	1
32	1-397-010305164	HOSE ASSY,3/4X164,SAE37,STR90 **(12')**	1
32	1-397-010305156	HOSE ASSY 3/4X156 SAE37STR90 **(12' HD)**	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	50976-09	HOSE ASSY #8 116.69 OAL **(10' 9")**	1
39	104370	HOSE ASSY 1/2X126,SAE37,STR90 **(12'HD)**	1
40	620-0887	FTG,PLUG #10 MALE O-RING BOSS	4

Gooseneck, Winch Installation, Braden 12K / 20K, 1 Speed (Option)

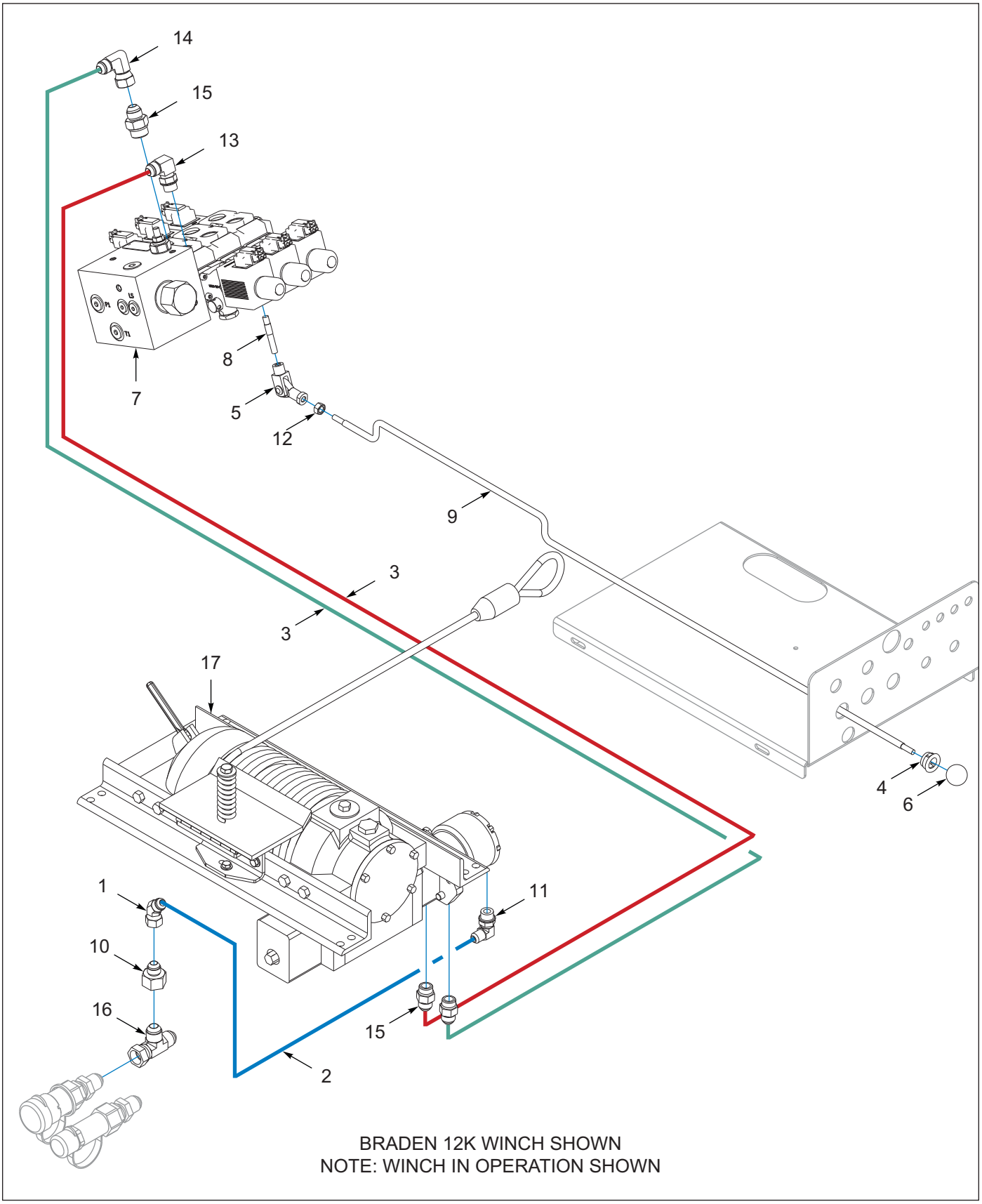


Figure 13-4: Gooseneck, Winch Installation, Braden 12K / 20K, 1 Speed (Option)

Gooseneck, Winch Installation, Braden 12K / 20K, 1 Speed (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	199213	WINCH INSTL12K BRAD E-G/N FLIP **(12K)** **(STANDARD DUTY GOOSENECK ONLY)**	- -
	199214	WINCH INSTL20K BRAD E-G/N FLIP **(20K)** **(STANDARD DUTY GOOSENECK ONLY)**	- -
1	121031	FITTING,45EL #8M X #8F 37SWVL	1
2	125659	HOSE ASSY,3/8X48,#6JICX#8JIC	1
3	173519	HOSE ASSY 1/2X124 SAE37 STR90	2
4	178444	BUSHING NYLON INSERT 9/16ID	1
5	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
6	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
7	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(INSTALLATION - SEE PAGE 13-1)** **(VALVE COMPONENTS - SEE PAGE 13-28)**	1
8	193910	STUD M8-1.25X50MM DBLE THD	1
9	197610	ROD HANDLE M8X1.25 ENDS LONG	1
10	102-1112	REDUCER 12X8 JIC	1
11	102-1238	ADAPTER,90-#4 O-RING/#6 JIC	1
12	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
13	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	1
14	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
15	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
16	203102-12-12S	ADAPTER,TEE, #12, SAE37 SWIVL	1
17	3-873-010126-2	WINCH ASSY,12,000 LB PARKER **(12K)** **(DECALS - SEE PAGE 1-1)** **(WINCH MOUNTING - SEE PAGE 8-3)**	1
17	3-873-010129-2	WINCH ASSY,20000 LB, PARKER **(20)** **(DECALS - SEE PAGE 1-1)** **(WINCH MOUNTING - SEE PAGE 8-3)**	1
18	102-0323	ADAPTER, #8 JIC CAP NUT **(NOT SHOWN)**	1

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

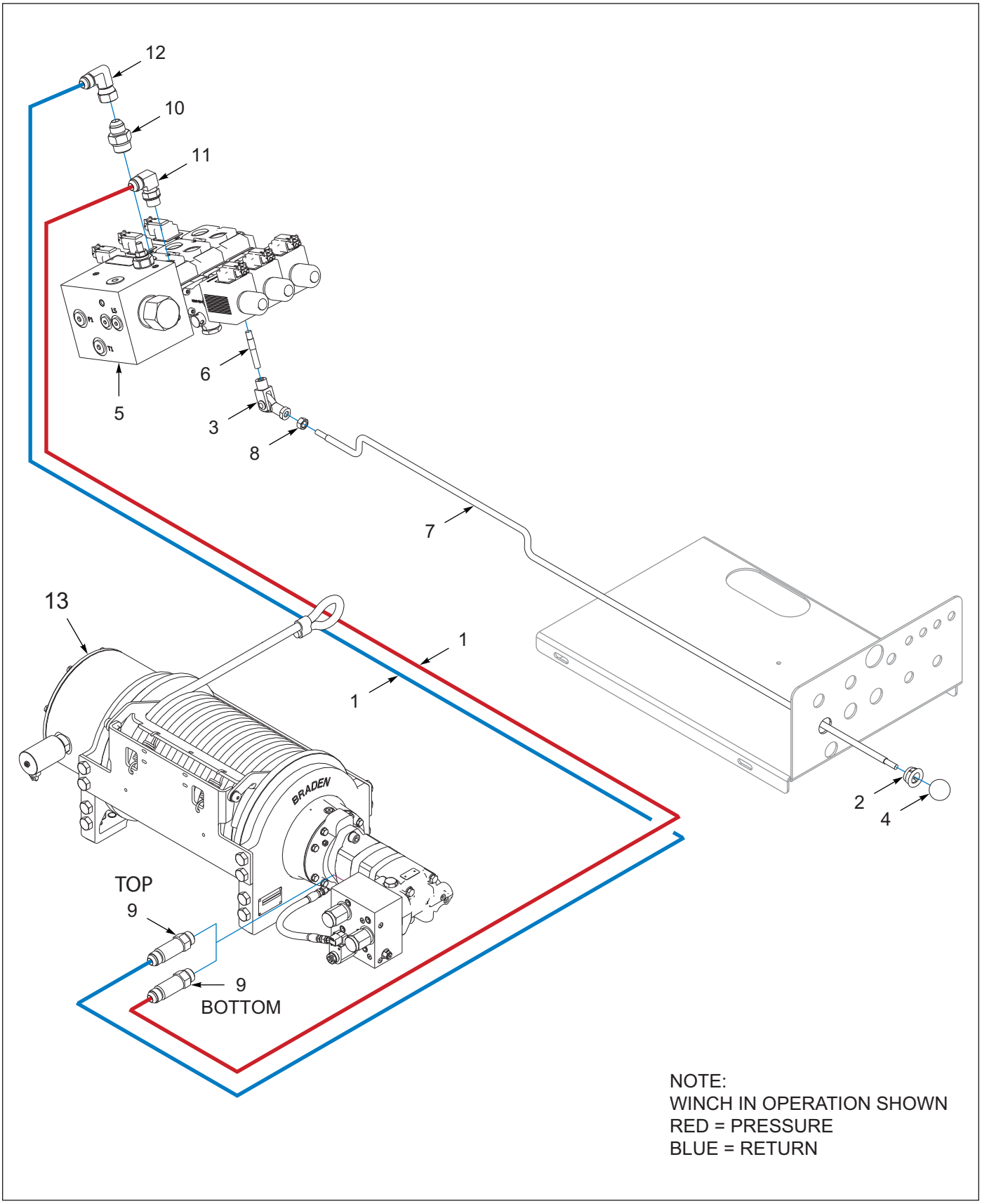


Figure 13-5: Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	245122	WINCH INSTL20K BRADEN E N/FL **(20K WO/ FLIP BRACKETS)**	- -
	245123	WINCH INSTL30K BRADEN E N/FL **(30K WO/ FLIP BRACKETS)**	- -
	245124	WINCH INSTL20K BRADEN E FLIP **(20K W/ FLIP BRACKETS)**	- -
	245125	WINCH INSTL30K BRADEN E FLIP **(30K W/ FLIP BRACKETS)**	- -
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 13-1)** **(VALVE COMPONENTS - SEE PAGE 13-28)**	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	189285	ADAPTER STR LONG #10 ORB#8MJIC	2
10	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	1
11	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	1
12	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
13	239740	WINCH 20K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-13)** **(ELECTRICAL SYSTEM - SEE PAGE 11-11)** **(WINCH MOUNTING - SEE PAGE 8-5)**	1
13	239745	WINCH 30K BRADEN 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-13)** **(ELECTRICAL SYSTEM - SEE PAGE 11-11)** **(WINCH MOUNTING - SEE PAGE 8-5)**	1

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

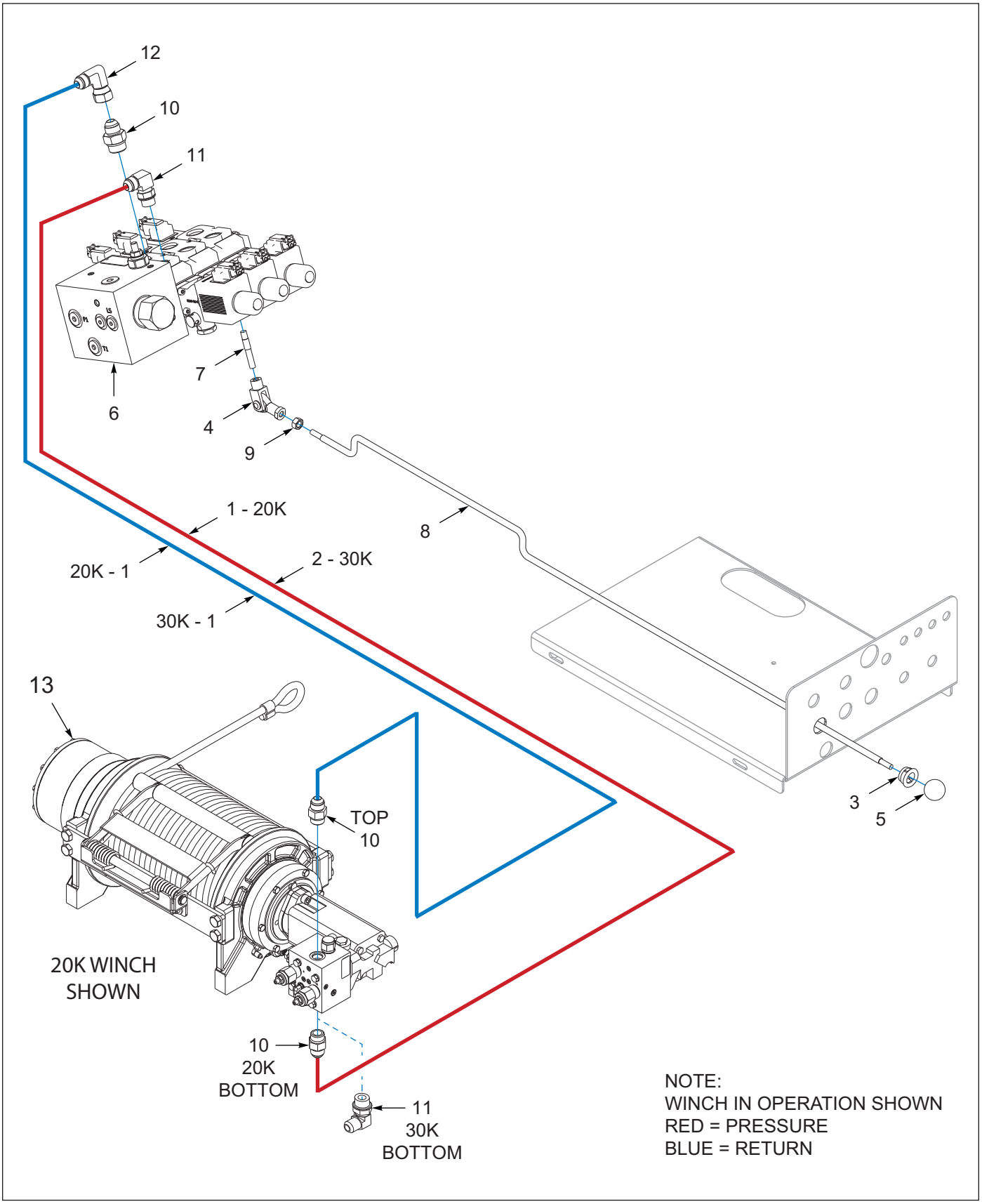
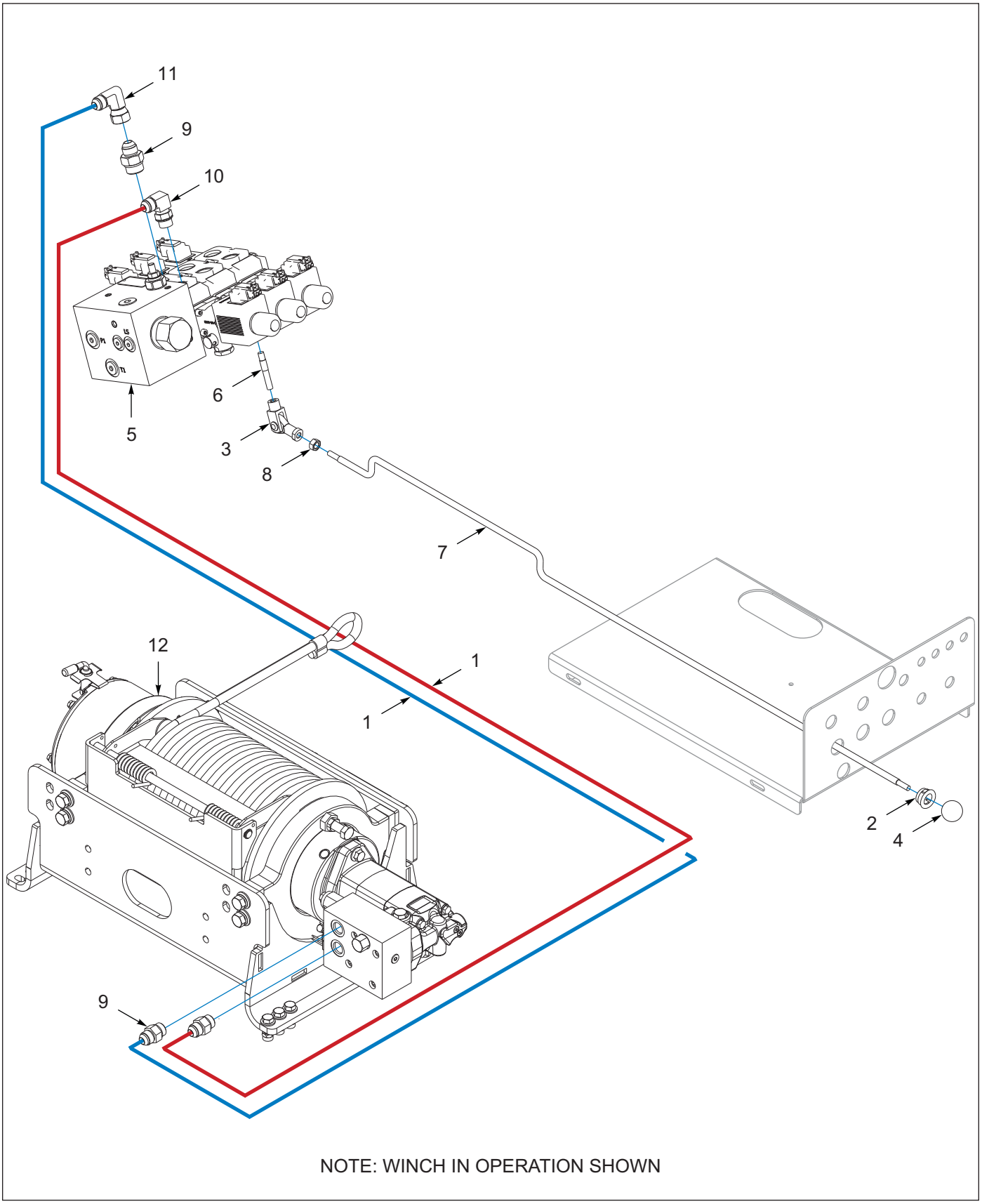


Figure 13-6: Gooseneck, Winch Installation, Braden 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	245537	WINCH INSTL 20K RAMSEY F N/FL **(20K WO/ FLIP BRACKETS)**	- -
	245538	WINCH INSTL 30K RAMSEY F N/FL **(30K WO/ FLIP BRACKETS)**	- -
	245539	WINCH INSTL 20K RAMSEY F FLIP **(20K W/ FLIP BRACKETS)**	- -
	245540	WINCH INSTL 30K RAMSEY F FLIP **(30K W/ FLIP BRACKETS)**	- -
1	104370	HOSE ASSY 1/2X126,SAE37,STR90 **(20K REQ 2 EACH) (30K REQ 1 EACH)**	- -
2	1-397-010302136	HOSE ASSY,1/2X136,SAE37,STR90 **(30K)**	1
3	178444	BUSHING NYLON INSERT 9/16ID	1
4	186875	CLEVIS JOINT,ROD ENDS M8.1.25	1
5	186877	KNOB BLACK 1" ROUND M8X1.25THD	1
6	186885	VALVE, 3 SP, 35 GPM, SOLENOID **(INSTALLATION - SEE PAGE 13-1)** **(VALVE COMPONENTS - SEE PAGE 13-28)**	1
7	193910	STUD M8-1.25X50MM DBLE THD	1
8	197610	ROD HANDLE M8X1.25 ENDS LONG	1
9	1DM8ER	NUT HEX HD M8X1.25 CL8.8	1
10	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE **(20K REQ 3 EACH) (30K REQ 2 EACH)**	- -
11	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE **(20K REQ 1 EACH) (30K REQ 2 EACH)**	- -
12	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	1
13	240526	WINCH 20K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-15)** **(ELECTRICAL SYSTEM - SEE PAGE 11-13)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1
13	240528	WINCH 30K RAMSEY 2 SPEED **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-15)** **(ELECTRICAL SYSTEM - SEE PAGE 11-13)** **(WINCH MOUNTING - SEE PAGE 8-7)**	1

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



NOTE: WINCH IN OPERATION SHOWN

Figure 13-7: Gooseneck, Winch Installation, Warn 20K / 30K, 2 Speed (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	199217	WINCH INSTL20K WARN E-G/N N/FL **(20K)**	- -
	199218	WINCH INSTL30K WARN E-G/N N/FL **(30K)**	- -
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 13-1)** **(VALVE COMPONENTS - SEE PAGE 13-28)**	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 **(20K)** **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-17)** **(ELECTRICAL SYSTEM - SEE PAGE 11-15)** **(WINCH MOUNTING - SEE PAGE 8-9)**	1
12	204958	WINCH ASSY WARN 30K 800 **(30K)** **(DECALS - SEE PAGE 1-1)** **(AIR SYSTEM - SEE PAGE 10-17)** **(ELECTRICAL SYSTEM - SEE PAGE 11-15)** **(WINCH MOUNTING - SEE PAGE 8-9)**	1

Flip Axle, Hydraulic Flip, 835 / 845AG (Option)

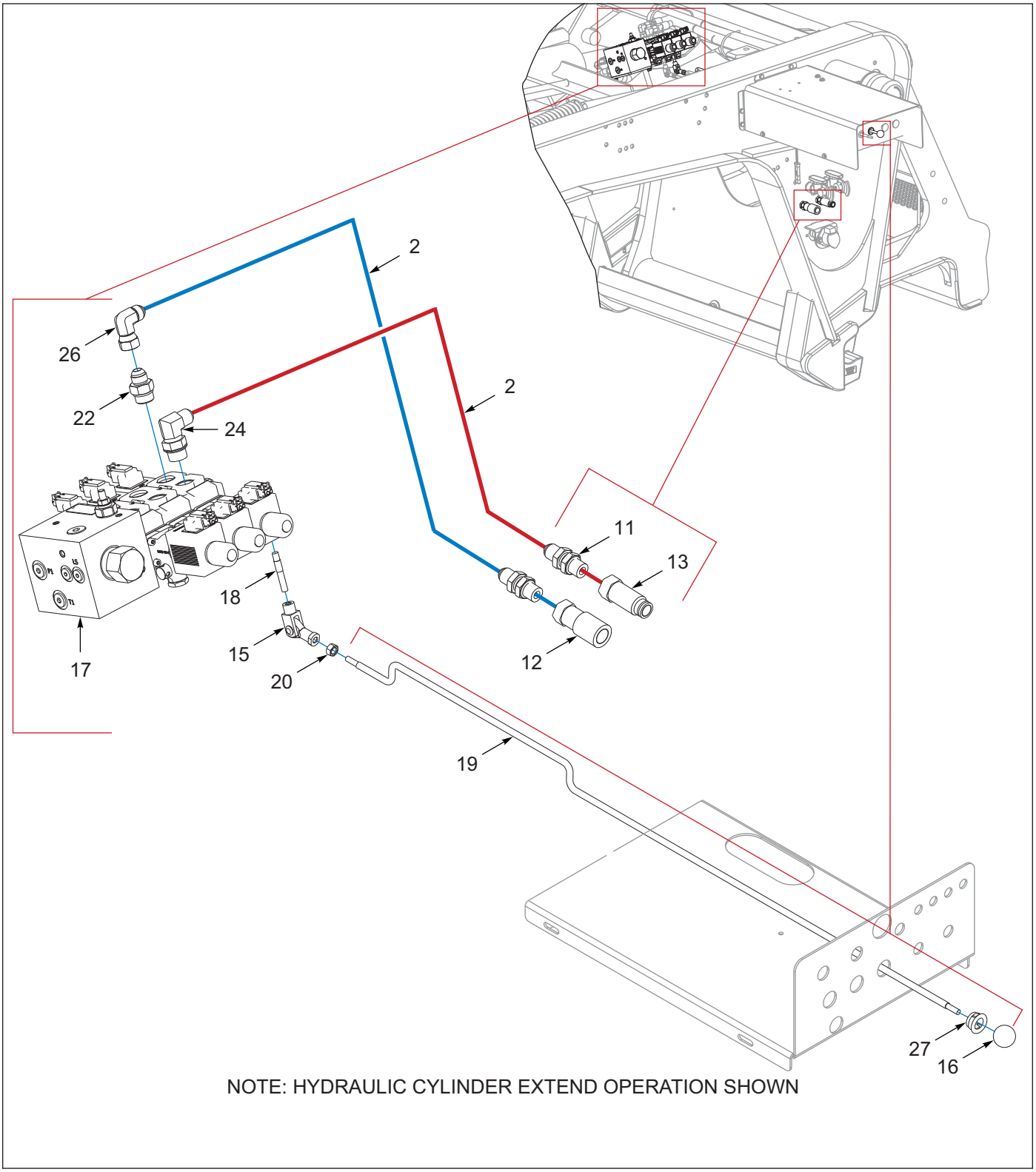


Figure 13-8: Flip Axle, Hydraulic Flip, 835 / 845AG (Option) (1 of 2)

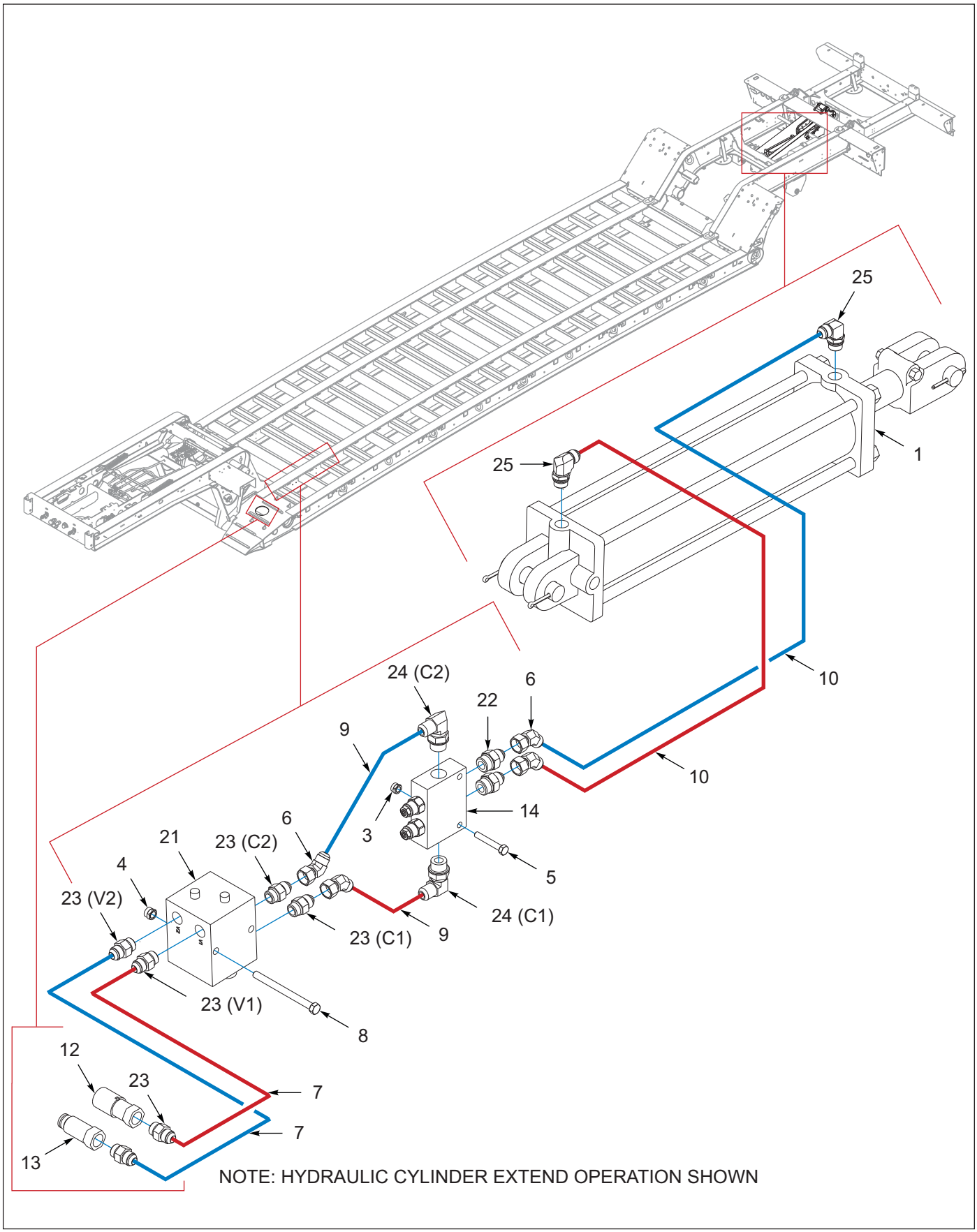


Figure 13-9: Flip Axle, Hydraulic Flip, 835 / 845AG (Option) (2 of 2)

Flip Axle, Hydraulic Flip, 835 / 845AG (Option)

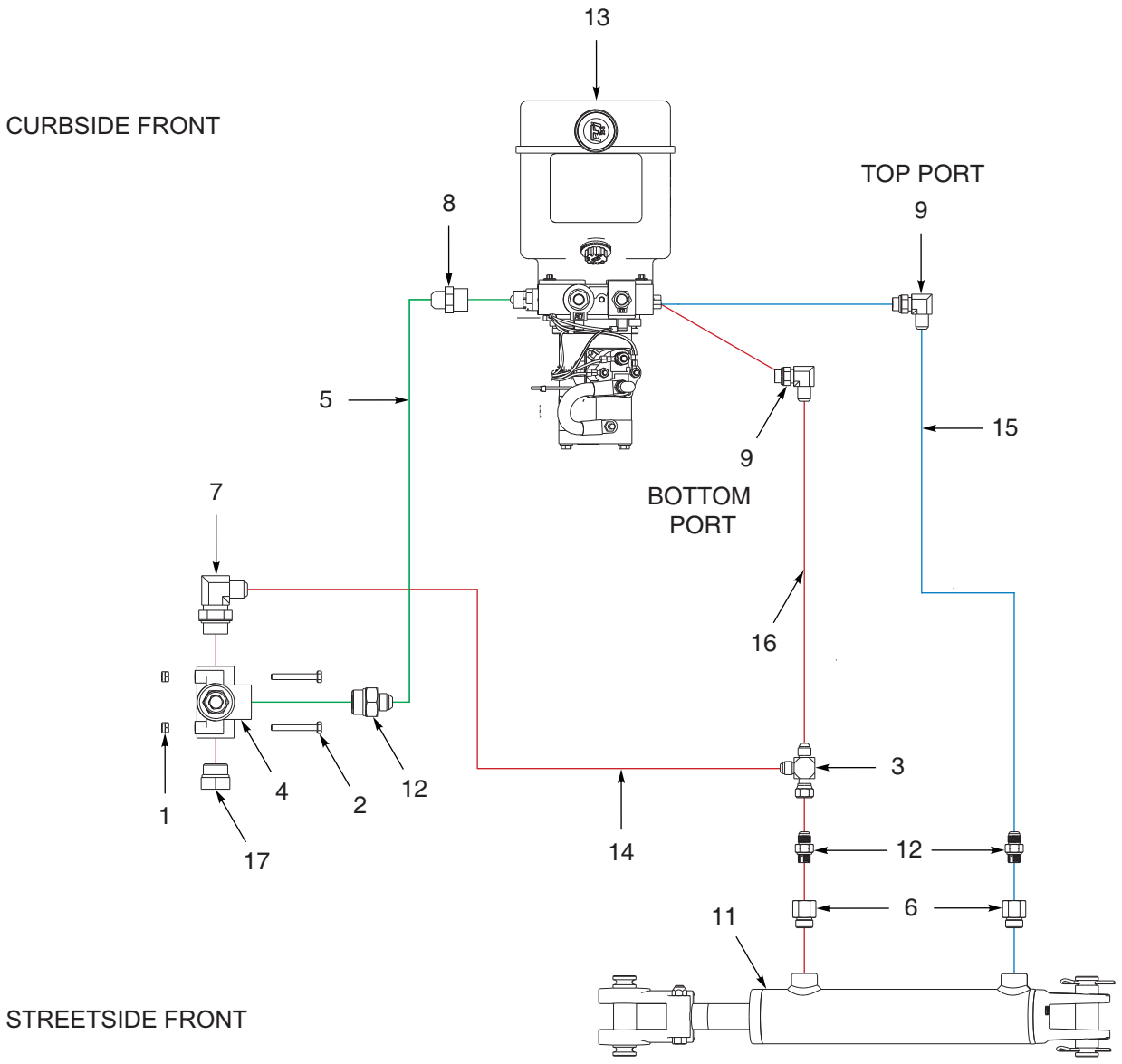
ITEM	PART NUMBER	DESCRIPTION	QTY
	199995	PLUMBING FOR HYD FLIP "E"	- -
1	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI	1
		(CYLINDER COMPONENTS - SEE PAGE 13-25)	
2	1-397-010302064	HOSE ASSY,1/2X64,SAE 37STR-90	2
3	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	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	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	1
		(VALVE COMPONENTS - SEE PAGE 13-28)	
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	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:

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

NOTE:
THIS POWER RAMP SYSTEM HAS BEEN DISCONTINUED,
CONTACT A AUTHORIZED LANDOLL SERVICE CENTER
FOR UPGRADE PARTS.
SEE RAMP ASSEMBLY, FRONT POWER (OPTION)
(AFTER 12/16/2021).



NOTE:
HYDRAULIC CYLINDER RETRACT OPERATION SHOWN
RED = PRESSURE
BLUE = RETURN
GREEN = PRESSURE BYPASS

NOT SHOWN:
#18 - DEXTRON III

Figure 13-10: Ramp Assembly, Front Power (Option) (Before 12/16/2021)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	206908	RAMP INSTL 835 POWERED **(LONG RAMP)**	- -
	227749	RAMP INSTL PWR 30, 835 AG **(SHORT RAMP)**	- -
	230152	RAMP INSTL LONG PWR 825 **(LONG RAMP)**	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
3	102-1158	TEE,RUN-SWVL .38SAE	1
4	120661	VALVE,HYD PRES,#12SAE,2500P	1
5	147582	HOSE ASSY 3/8X24 #8 JIC SWIV	1
6	179566	REDUCER ORB 3/4 TO 9/16	2
7	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	1
8	2021-12-8S	ADAPTER, #12 PIPE-#8 TUBE	1
9	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	2
10	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	1
11	206904	CYLINDER, 2 X 8	1
12	208408	FITTING FLOW CONTROL 1 WAY	2
13	210059	POWER UNIT 12VDC3QT .0305CU/IN **(RAMP ASSEMBLY - SEE PAGE 7-3)** **(ELECTRICAL ASSEMBLY - SEE PAGE 11-51)**	1
14	215159	HOSE ASSY 3/8 X 16 #8 STR #6-90	1
15	50013-140	HOSE ASSY 3/8X24.06 9/16 JIC X ST	1
16	51032-06	HOSE ASSY 3/8X12.31 9/16 JIC X ST	1
17	900598-12S	PLUG, O-RING BOSS #12	1
18	208083	ATF DEXRON III **(NOT SHOWN)**	1.75

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

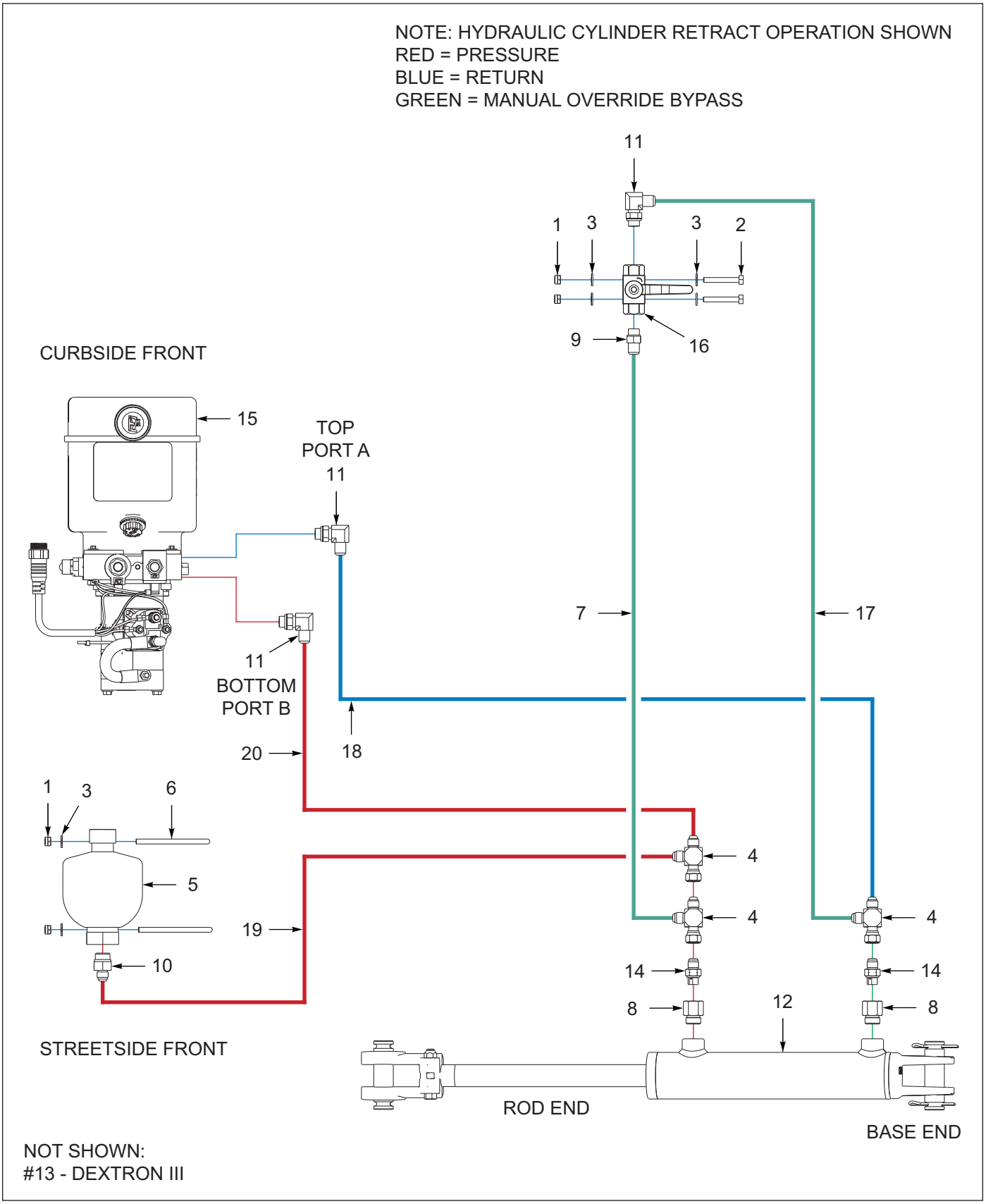


Figure 13-11: Ramp Assembly, Front Power (Option) (After 12/16/2021) (1 of 2)

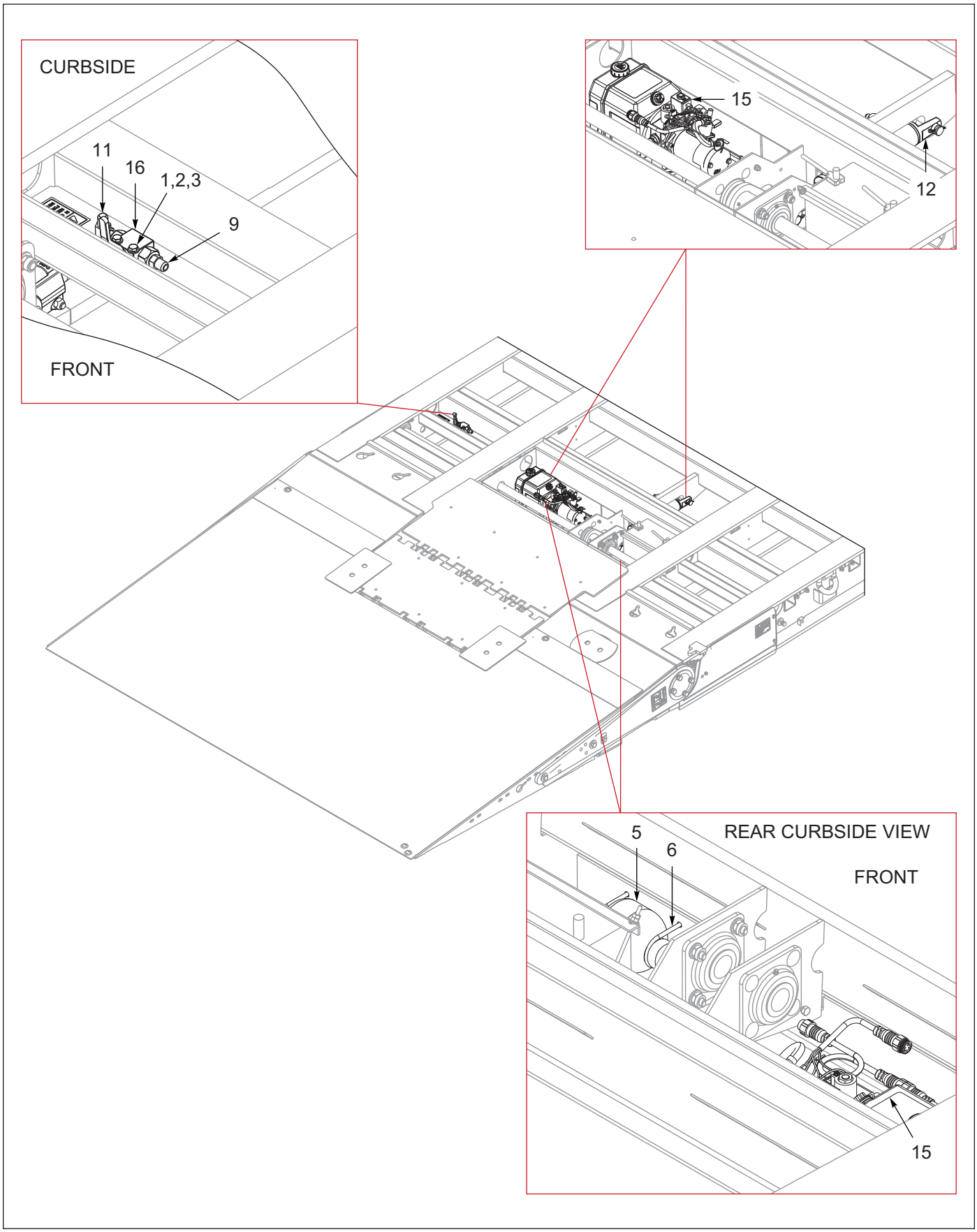


Figure 13-12: Ramp Assembly, Front Power (Option) (After 12/16/2021) (2 of 2)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	206908	RAMP INSTL 835 POWERED **(LONG RAMP)**	- -
	227749	RAMP INSTL PWR 30, 835 AG **(SHORT RAMP)**	- -
	230152	RAMP INSTL LONG PWR 825 **(LONG RAMP)**	- -
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	6
2	1-654-010047-10	SCREW,HX CP,1/4-20UNC X2 GR5	2
3	1-861-010032-06	WASHER, FLAT 1/4 N ZP/CD	6
4	102-1158	TEE,RUN-SWVL .38SAE	3
5	113509	RESERVOIR,31CU IN DIAPHRAM	1
6	114085	U-BOLT 1/4-20X2X3-1/4	2
7	116143	HOSE ASSY,3/8X45,SAE37,STR-ST	1
8	179566	REDUCER ORB 3/4 TO 9/16	2
9	202702-6-6S	ADAPTER, STR,#6 SAEX#6 JIC	1
10	202702-8-6S	ADAPTER #8 O-RING TO #6 TUBE	1
11	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	3
12	206904	CYLINDER, 2 X 8	1
13	208083	ATF DEXRON III **(NOT SHOWN)**	1.75
14	208408	FITTING FLOW CONTROL 1 WAY	2
15	210059	POWER UNIT 12VDC3QT .0305CU/IN **(RAMP ASSEMBLY - SEE PAGE 7-3)** **(ELECTRICAL ASSEMBLY - SEE PAGE 11-51)**	1
16	238166	MOD VALVE BALL HNDL F/800 FWPR	1
17	238167	HOSE ASY 3/8X52 9/16JICX90-STR	1
18	50013-140	HOSE ASSY 3/8X24.06 9/16 JIC X ST	1
19	51031-74	HOSE ASSY 3/8X20 SAE37 STR	1
20	51032-06	HOSE ASSY 3/8X12.31 9/16 JIC X ST	1

Cylinder Components, Gooseneck Standard Duty 6 x 30

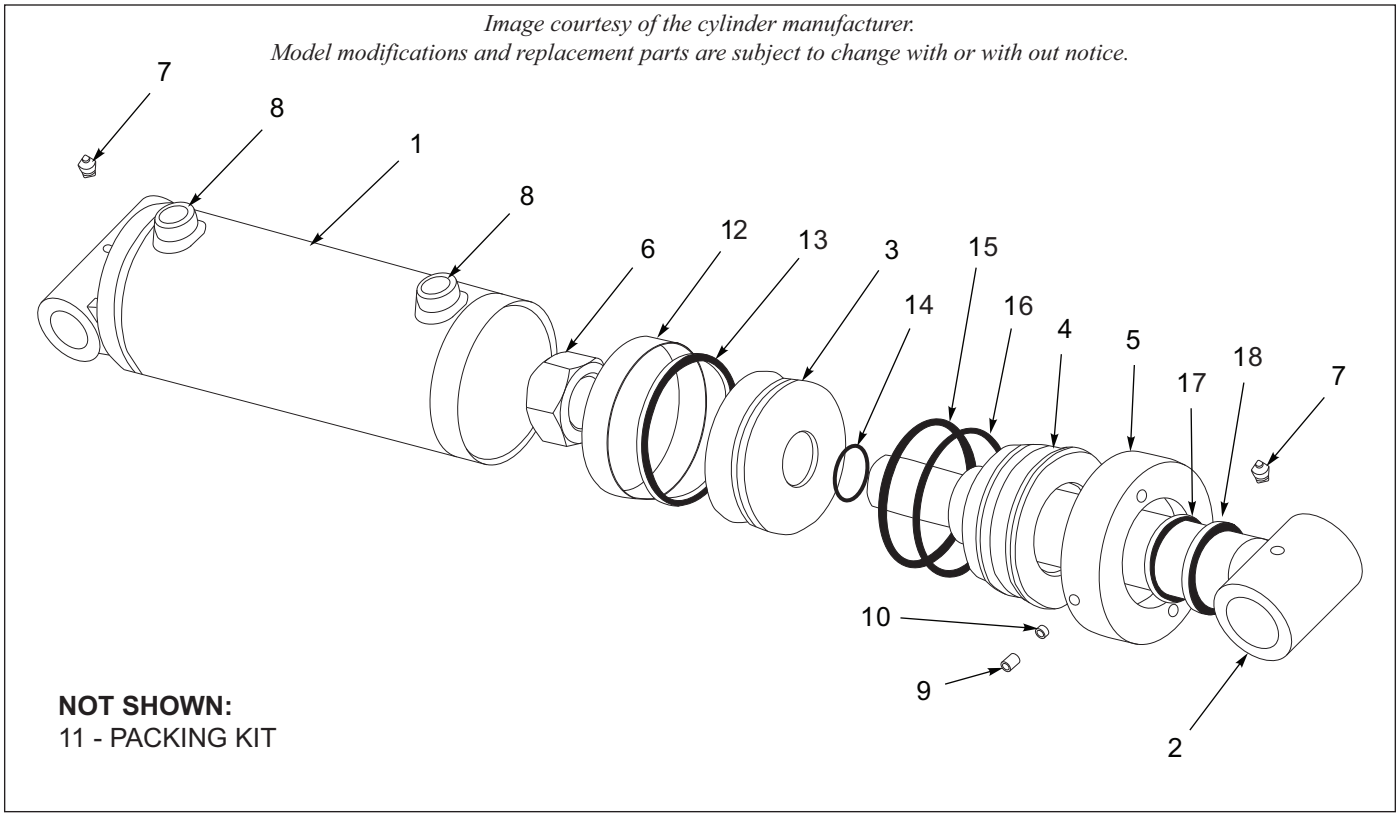


Figure 13-13: Cylinder Components, Gooseneck Standard Duty 6 x 30

Cylinder Components, Gooseneck Standard Duty 6 x 30

ITEM	PART NUMBER	DESCRIPTION	QTY
	138711	CYL HYD 6X30 O-RING **(10' 9", 12' GOOSENECK ASSEMBLY - SEE PAGE 2-1)**	1
1	- - - - -	BUTT AND TUBE ASSEMBLY	1
2	- - - - -	PISTON ROD ASSEMBLY	1
3	148138	PISTON	1
4	148139	GLAND	1
5	148140	GLAND CAP	1
6	- - - - -	LOCKNUT	1
7	125565	GREASE ZERK (270010002)	2
8	148142	PORT PLUG	2
9	148143	SET SCREW	1
10	148144	NYLON LOCK	1
11	PMCK-22000	PACKING KIT CYL HYD 6X41 **(NOT SHOWN)** **(INCLUDES ITEMS 12-19)**	1
12	- - - - -	BEARING RING **(INCLUDED WITH ITEM 11)**	1
13	- - - - -	CROWN SEAL **(INCLUDED WITH ITEM 11)**	1
14	- - - - -	O-RING **(INCLUDED WITH ITEM 11)**	1
15	- - - - -	O-RING **(INCLUDED WITH ITEM 11)**	1
16	- - - - -	BU-WASHER **(INCLUDED WITH ITEM 11)**	1
17	- - - - -	U-CUP **(INCLUDED WITH ITEM 11)**	1
18	- - - - -	WIPER **(INCLUDED WITH ITEM 11)**	1
19	- - - - -	WIPER **(NOT SHOWN) (INCLUDED WITH ITEM 11)**	1

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

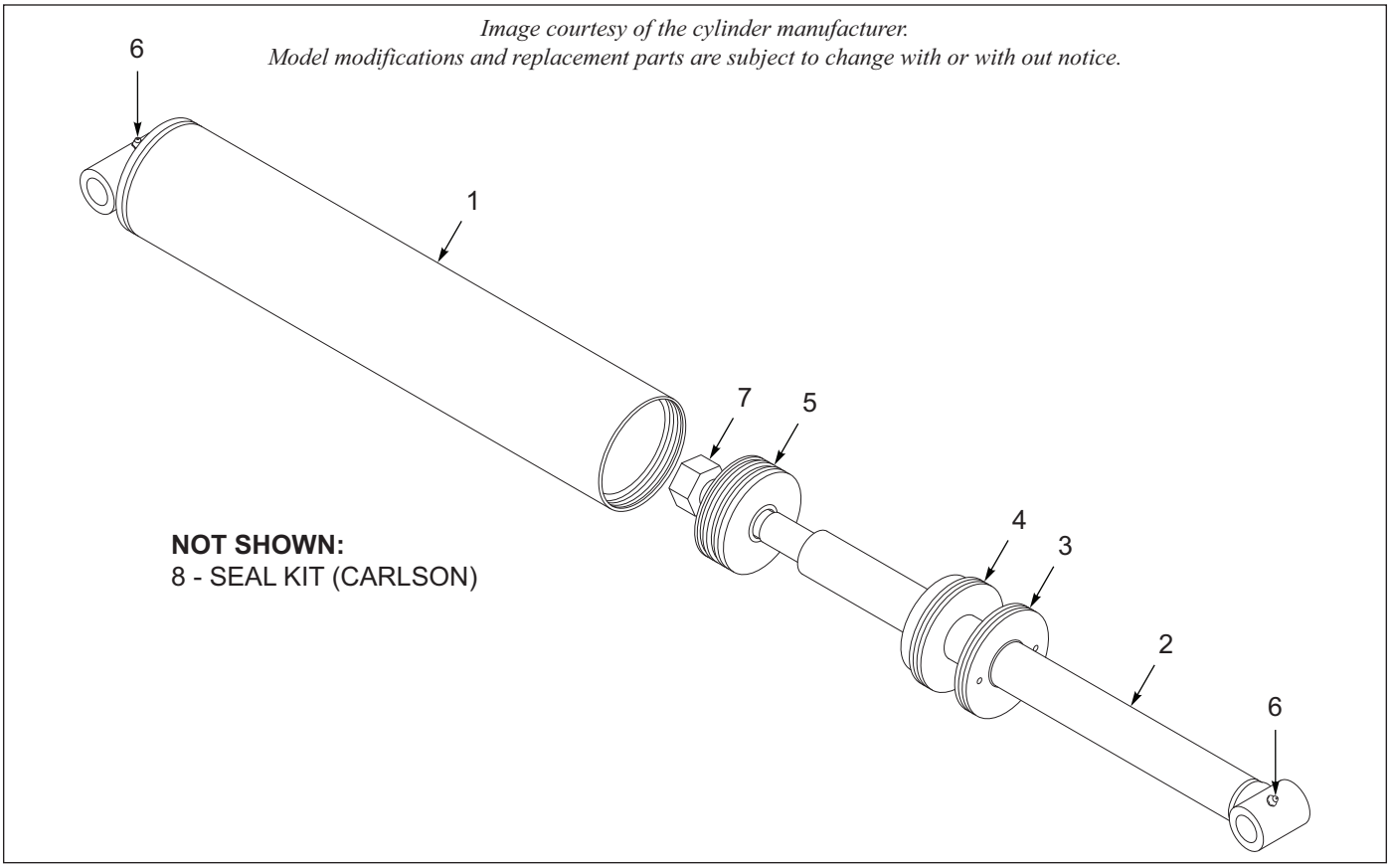


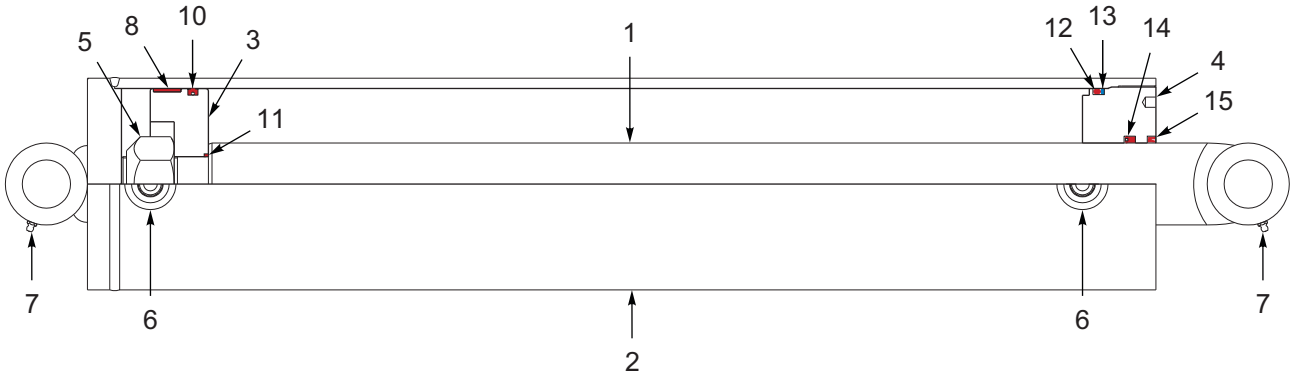
Figure 13-14: Cylinder Components, Gooseneck Heavy Duty 7 x 34 (Carlson)

Cylinder Components, Gooseneck Heavy 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 2-7)	
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, Heavy 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 13-15: Cylinder Components, Gooseneck, Heavy Duty 7 x 34 (Prince)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	160366	CYL HYD 7 X 34 O-RING **(PRINCE)**	1
		(12' HD GOOSENECK ASSEMBLY - SEE PAGE 2-7)	
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, Frame Flip Axle 4 x 20 (Option)

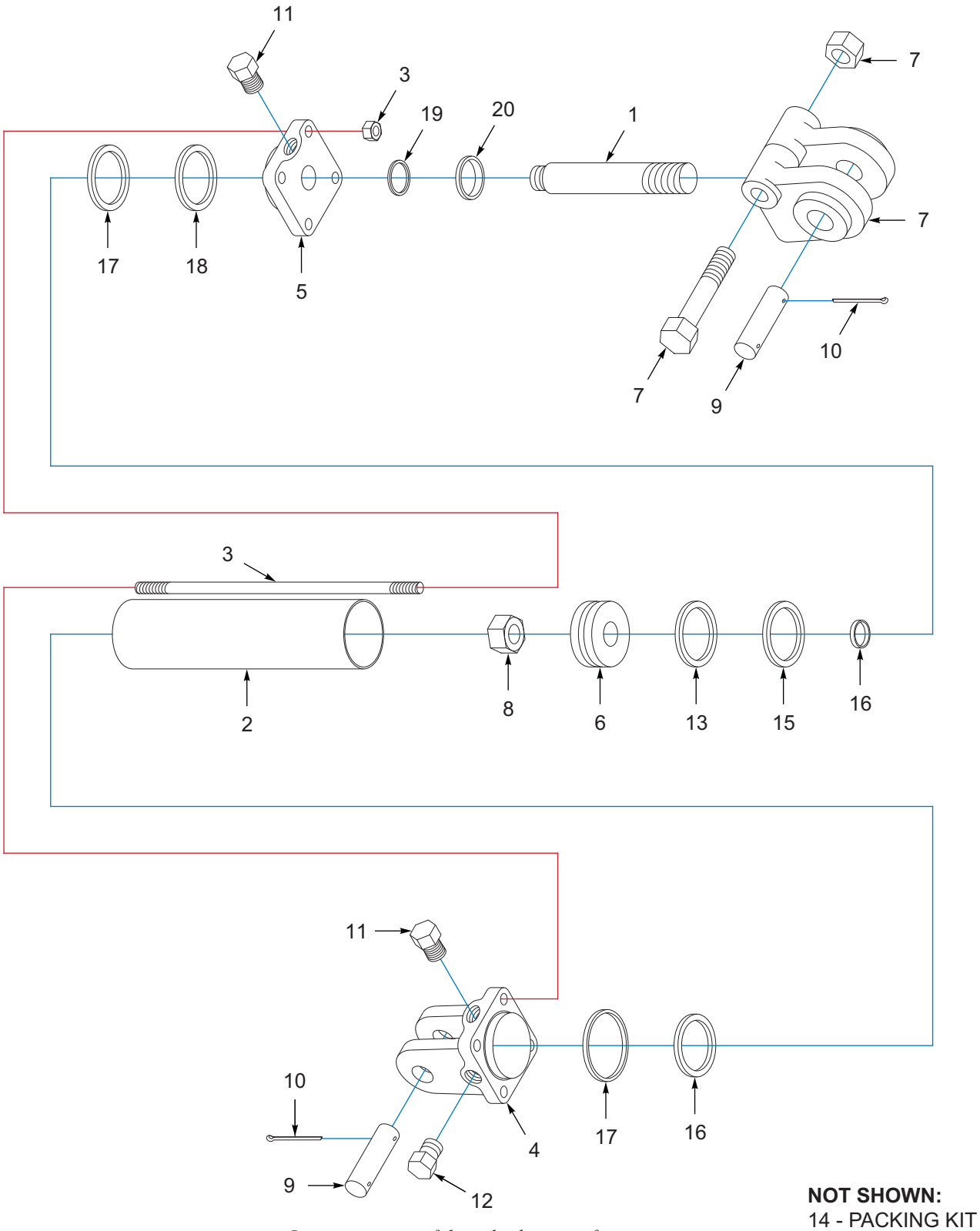


Image courtesy of the cylinder manufacturer.
Model modifications and replacement parts are subject to change with or with out notice.

Figure 13-16: Cylinder Components, Frame Flip Axle 4 x 20 (Option)

Cylinder Components, Frame Flip Axle 4 x 20 (Option)

ITEM	PART NUMBER	DESCRIPTION	QTY
	1-242-010180-3	CYLINDER,HYD 4X20STRK 3000PSI **(FLIP ASSEMBLY - SEE PAGE 4-13)**	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, 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.

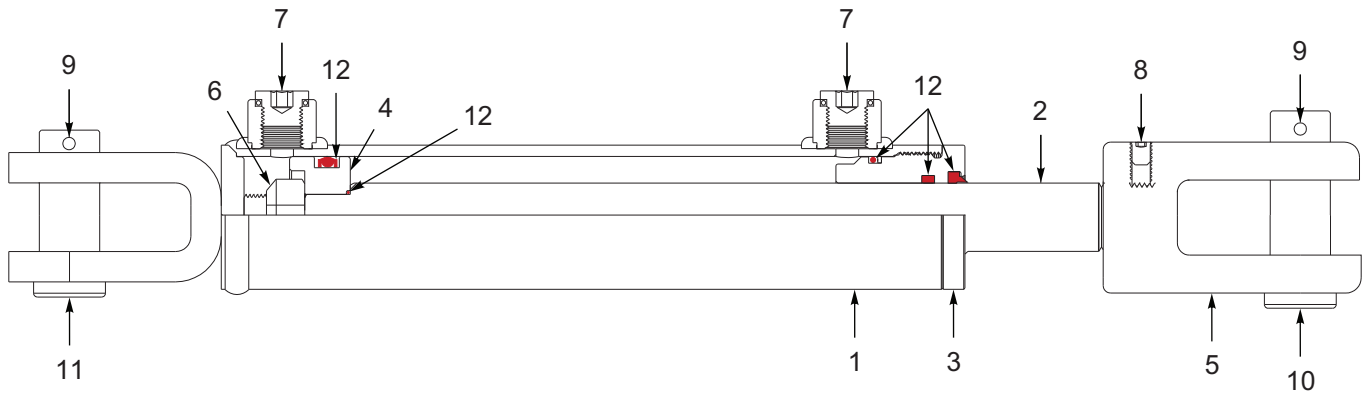
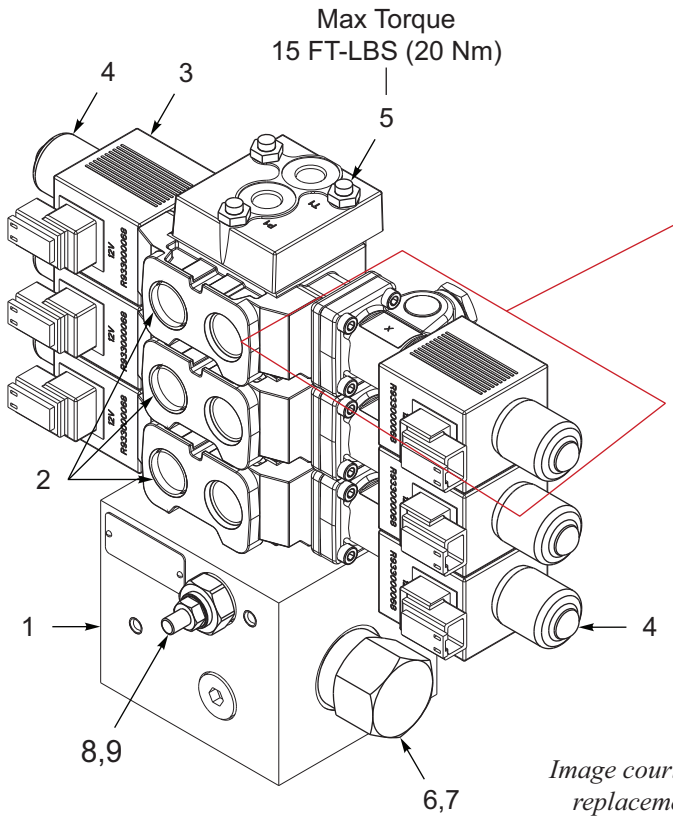


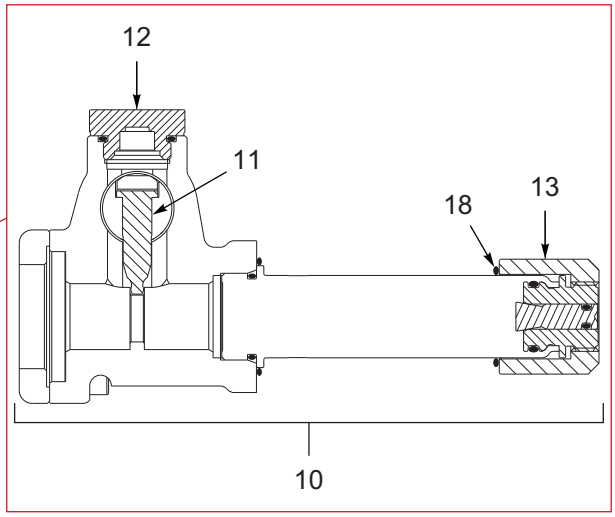
Figure 13-17: Cylinder Components, Ramp, Power 2 x 8 (Option)

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

ITEM	PART NUMBER	DESCRIPTION	QTY
	206904	CYLINDER, 2 X 8 **(FRONT, POWER RAMP - SEE PAGE 7-7)**	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 13-18: 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

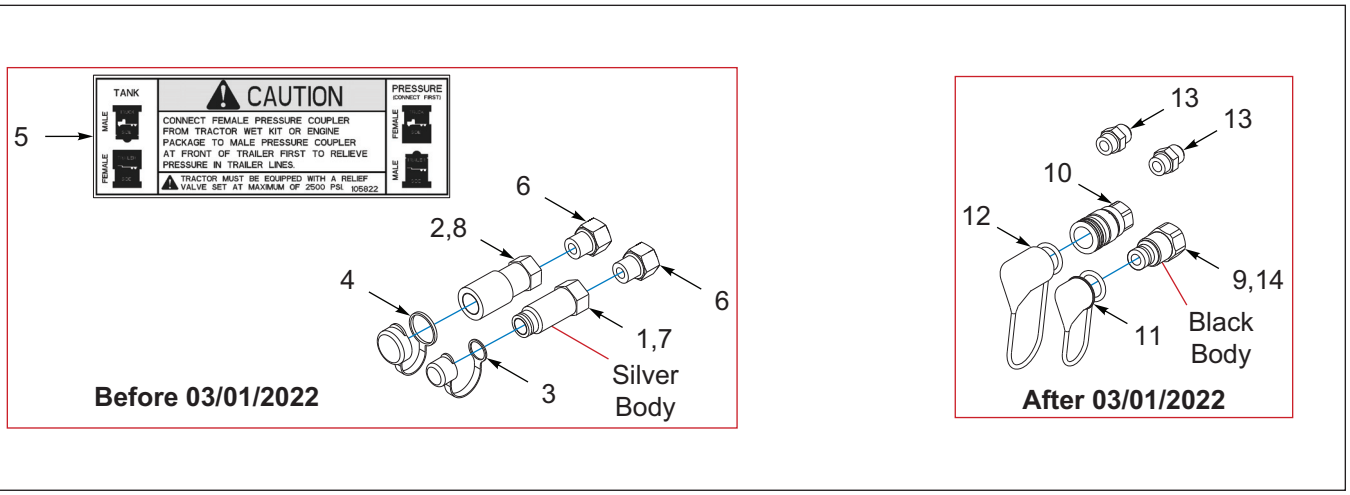


Figure 13-19: Coupler Kit, Hydraulic, Replacement & Repair

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

Table provided for general use.

NOTES:

Safety Systems

Banners, Flags, Warning Lights (Options)

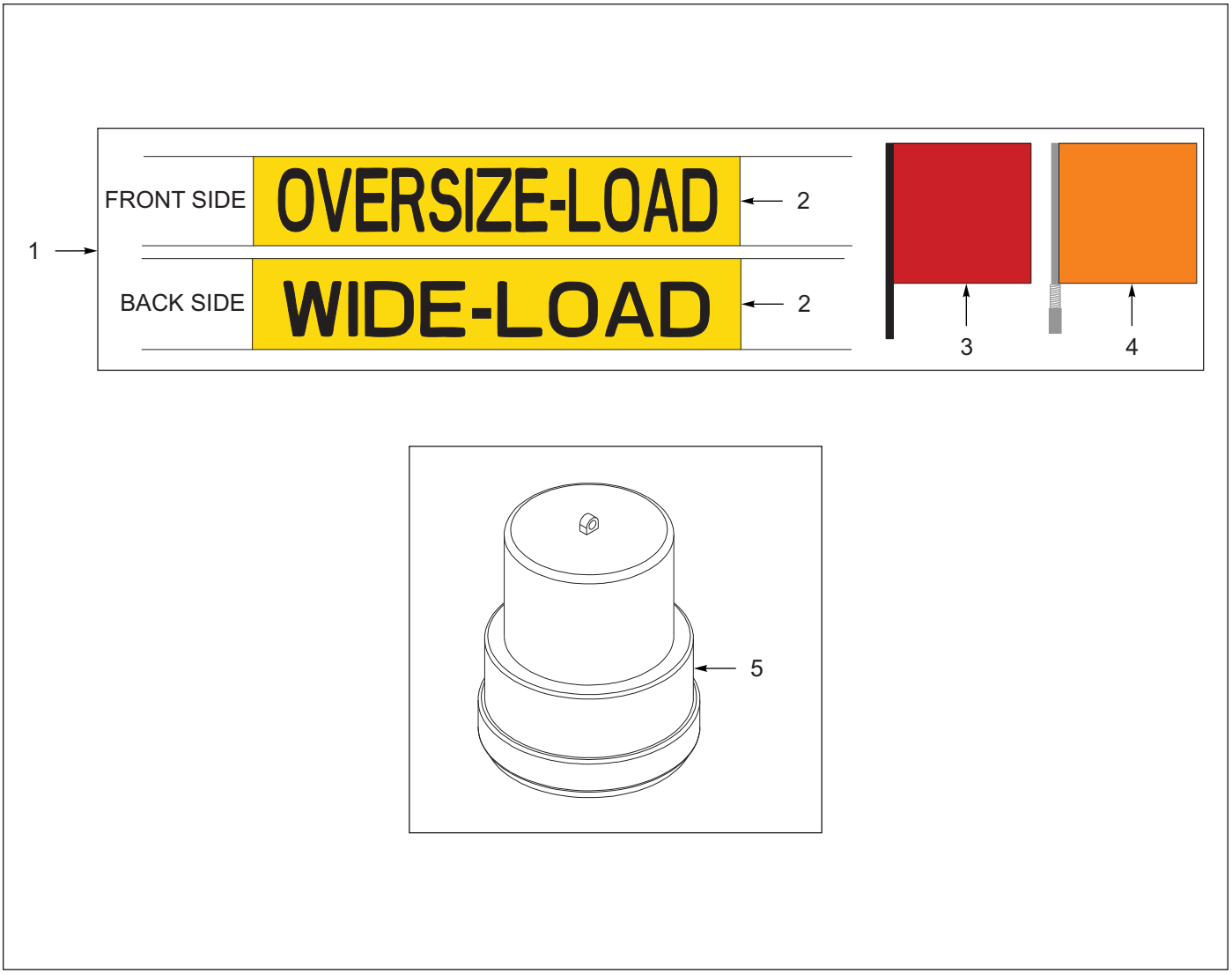


Figure 14-1: Banners, Flags, Warning Lights (Options)

Banners, Flags, Warning Lights (Options)

ITEM	PART NUMBER	DESCRIPTION	QTY
1	105297	FLAG & BANNER KIT WIDE/OVS LD **(1A INCLUDES ITEMS 2, 3)**	1
1	251707	BANNER/BO FLAG KIT WIDE/OVS LD **(1B INCLUDES ITEMS 2, 4**)	1
2	106655	BANNER WIDE/OVERSIZE LOAD 825 **(INCLUDED WITH ITEM 1, 2 EACH)**	1
3	106654	FLAG OVERWIDTH 825 **(INCLUDED WITH ITEM 1A, 6 EACH) (FLOURESCENT TRUE RED, WOODEN DOWEL ROD, SLIDE IN)**	1
4	161776	FLAG QUICKMOUNT ORANGE **(INCLUDED WITH ITEM 1B, 6 EACH) (FLOURESCENT ORANGE, ALUMINUM ROD / STEEL SPRING RECEIVER)**	1
5	160070	WARNING LIGHT,AMBER,MAG BASE **(REQUIRES 2 D-CELL BATTERIES)**	2

Table provided for general use.

NOTES:

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 . . . . . d Head Cap Screw
FHHCS . . . . . d Hex Head Cap Screw
FL OR **FLG** . . . . . .
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 16

TABLE OF CONTENTS

Index

Symbols

#242 LOCKTITE *2-14*, *13-4*

Numerics

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 . . . . . *11-26*
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 . . . . . *6-4*
061-003-00 . . . . . *5-2*
069-078-00 . . . . . *5-2*
071-122-00 . . . . . *5-2*
1/4-20WN *13-3*
1/4-20X1-1/4 CB *13-3*
1/4-20X3/4 SELF *6-4*
1/4X3 . . . . . *2-14*
100000326 . . . . . *11-26*
10030 . . . . . *13-8*, *13-14*
100600 . . . . . *1-18*, *12-4*, *12-18*, *12-21*
1-007-010006 . . . . . *11-32*
10078 . . . . . *12-18*, *12-20*
100855 . . . . . *2-4*, *2-10*, *7-2*
101003 . . . . . *8-12*, *8-22*
10109 . . . . . *13-3*, *13-14*
101510 . . . . . *2-20*
101528 . . . . . *10-2*, *10-6*, *10-10*, *10-13*, *13-3*
101847 . . . . . *5-2*, *9-43*
101848 . . . . . *9-43*
101849 . . . . . *5-2*, *9-43*
101855 . . . . . *1-10*
101988 . . . . . *6-4*
102-0188 . . . . . *12-26*, *12-30*, *12-36*
102-0323 . . . . . *11-6*, *13-3*
102-0511 . . . . . *13-3*
102-1112 . . . . . *11-6*
102-1158 . . . . . *11-18*, *11-21*
102-1238 . . . . . *11-6*
102186 . . . . . *12-12*
102732 . . . . . *5-28*, *8-36*, *8-41*, *8-47*
103103-002 . . . . . *5-4*, *5-6*
103738 . . . . . *8-30*
103805 . . . . . *5-2*
103841 . . . . . *13-18*
104-0505 . . . . . *13-3*
104252 . . . . . *3-23*, *3-24*, *3-25*, *3-26*, *3-27*, *3-28*
104253 . . . . . *3-23*, *3-24*, *3-25*, *3-26*, *3-27*, *3-28*
104370 . . . . . *11-4*, *11-8*, *11-10*, *11-12*
1046 . . . . . *12-22*
105-0105 . . . . . *13-3*
105-0327 . . . . . *2-17*, *3-9*, *3-12*
105-0722 . . . . . *13-3*
105106 . . . . . *5-4*, *5-6*
105107 . . . . . *5-4*
105195 . . . . . *12-2*
105237 . . . . . *2-4*, *2-10*
105239 . . . . . *2-4*
105241 . . . . . *2-4*

105242 2-4
105243 . . . . . 2-4, 2-10
105245 . . . . . 2-4, 2-10
105272 2-4
105275 11-4
105281 1-4
105282 1-4
105283 1-4
105285 2-4
105292 3-5
105293 3-5
105297 14-1
105479 . . . . . 11-4, 11-29, 11-32, 13-6, 13-14
105480 . . . . . 11-4, 11-29, 11-32, 13-6, 13-14
105481 . . . . . 11-4, 11-29, 11-32, 13-14
105482 . . . . . 11-4, 11-29, 11-32, 13-15
105483 11-4
105822 . . . . . 1-4, 11-29
105902 11-29
106-0006 . . . . . 8-62, 8-66, 8-70, 9-51
1-060-010004 13-3
106-0078 13-3
106120 11-26
1-065-010011 6-8
106654 14-1
106655 14-1
106657 1-10
106693 . . . . . 1-14, 4-10
106759 11-32
106760 11-32
106943 2-4
107-0039 . . . . 2-17, 3-7, 3-9, 3-10, 3-12, 3-13, 3-15
107470 4-14
107498 11-32
107499 11-32
107500 11-32
107513 11-32
107887 . . . . . 8-4, 8-10
108196 . . . . . 6-4, 9-47
108295 13-15
108417 . . . . . 4-3, 8-33
108439 . . . . . 12-10, 12-32, 12-36
108601 13-15
108801 . . . . . 8-4, 8-10, 8-22, 8-26, 8-30
108802 . . . . . 8-4, 8-10, 8-22, 8-26, 8-30
108859 . . . . . 3-23, 3-24, 3-25, 3-26, 3-27, 3-28
109533 5-14
109740 . . . . . 12-6, 12-8, 12-13
1-1/4ST ELL 11-32
110-0116 13-14
110-0253 13-14
110-4224 6-8
110-4337 13-3
110449 12-18
110452 12-18
110526 . . . . . 6-12, 6-15
110527 6-12
110578 13-15
110615 . . . . . 5-10, 5-14
110616 5-14
110617 5-14
110618 5-14
110621 5-10
110622 5-10
110975 5-4
110976 5-4
110996 . . . . . 13-6, 13-18
111008 . . . . . 5-10, 5-14
111010 . . . . . 5-10, 5-14
111011 . . . . . 5-10, 5-14
111021 5-28
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, 8-36, 8-41, 8-43, 8-47, 8-50, 8-58
111037 5-10
111038 5-10
111089 11-29
111090 11-29
111-1267 13-3
11117 12-17
11128 12-17
11129 12-17
11130 12-17
11133 12-17
111382 7-8
111390 7-8
111416 5-32
111417 5-32
11142 12-17
11144 12-17
111652 5-32
111785 11-26
111786 11-26
111787 11-26
111788 11-26
111899 ..... 9-8, 9-37
112-1511 ..... 12-32, 12-36
112-1513 12-36
112172 ..... 13-6, 13-8
112174 13-8
112175 13-8
112184 13-6
112248 13-8
11240 12-18
112598 ..... 3-23, 3-24
112599 ..... 3-23, 3-24
112986 7-1
112987 7-1
113064 4-15
11308 12-17
11309 12-20
11310 12-20
113109 5-4
113299 12-13
113509 11-21
113536 5-4
11368 12-17
113819 5-2
113856 13-15
113950 ..... 5-10, 5-14
11398 12-21
114085 11-21
11411 12-20
11419 12-20
11420 12-20
11421 12-20
11425 12-20
11426 12-21
11429 12-20
11430 12-20
11431 12-20
11434 12-20
11440 12-20
11441 12-20
11446 12-20
11449 12-20
114584 9-43
114586 9-43
114588 ..... 8-22, 8-26, 8-30, 9-43
114712 4-5
114723 ..... 3-10, 3-12
114814 ..... 7-4, 13-15
114815 ..... 13-8, 13-15
114987 4-14
115629 ..... 8-62, 8-66, 8-70
115851 12-18

115877 ..... *7-4*, *13-15*
116100 ..... *4-14*
116143 ..... *11-21*
116326 ..... *13-15*
116328 ..... *13-15*
116330 ..... *13-15*
117304 ..... *8-26*
117838 ..... *8-4*, *8-10*
117839 ..... *8-4*, *8-10*
117873 ..... *13-15*
11791 ..... *12-21*
118005 ..... *13-6*
118006 ..... *13-6*
118-2659-9 ..... *8-26*
11837 ..... *12-17*, *12-30*
118-7429 ..... *13-8*
118914 ..... *9-8*
119206 ..... *13-15*
119445 ..... *13-15*
120649 ..... *3-5*
120659 ..... *13-15*
120660 ..... *13-15*
120661 ..... *11-18*, *13-6*, *13-15*
12073 ..... *12-20*
12075 ..... *12-18*
120800 ..... *3-23*
121002 ..... *11-4*
121031 ..... *11-6*, *11-15*
121355 ..... *10-2*
12146 ..... *12-21*
12-16 070120 ..... *11-32*
122709 ..... *6-8*
122862 ..... *11-15*
123109 ..... *11-4*
123706 ..... *12-36*
123717 ..... *5-28*
123869 ..... *5-28*
123882 ..... *5-4*, *5-7*
12412408 ..... *7-4*
12412409 ..... *7-4*
1-242-010178-3 ..... *11-26*
1-242-010180-3 ..... *4-14*, *11-15*, *11-26*
12420301-017 ..... *1-4*, *1-12*
124549 ..... *12-20*
12465 ..... *12-20*
12486400-520 ..... *5-10*, *5-14*
12486400-521 ..... *5-10*, *5-14*
124971 ..... *13-18*
125130 ..... *11-32*, *13-6*
125565 ..... *11-22*
125659 ..... *11-6*
125684 ..... *12-21*
125833 ..... *6-15*
125836 ..... *6-15*
125871 ..... *11-4*
125894 ..... *2-4*, *2-10*, *12-6*, *12-8*, *12-10*
126292 ..... *5-2*
126629 ..... *8-18*
126677 ..... *8-18*
126680 ..... *8-18*
126862 ..... *8-18*
1-271-010005-05 ..... *13-3*
12767 ..... *12-21*
127744 ..... *2-20*, *2-23*
12783 ..... *12-20*
12817 ..... *12-17*
128448 ..... *13-6*
128601 ..... *8-52*
128774 ..... *13-15*
128797 ..... *3-23*, *3-24*
128798 ..... *3-23*, *3-24*
128868 ..... *1-10*
128873 ..... *4-5*, *4-8*
128874 ..... *2-14*, *4-3*, *4-10*, *4-14*, *4-15*
128886 ..... *2-32*, *2-34*
129004 ..... *5-10*, *5-14*

129005 . . . . . *5-14*
129006 . . . . . *5-10*, *5-14*
129146 . . . . . *4-14*
129264 . . . . . *13-15*
129454 . . . . . *3-17*, *3-18*
1-295-010001 . . . . . *11-32*, *13-3*, *13-6*, *13-14*
129645 . . . . . *12-32*
129698 . . . . . *11-15*
1-297-010004-04 . . . . . *8-4*, *8-10*, *8-12*
1-297-010004-07 . . . . . *8-22*
1-297-010007-05 . *8-5*, *8-10*, *8-14*, *8-16*, *8-18*, *8-47*, *8-58*
1-297-010007-06 . . . . . *8-4*, *8-10*, *8-58*, *8-65*, *8-72*
1-297-010007-11 . . . . . *8-12*
1-297-010007-12 *8-12*, *8-26*, *8-33*, *8-38*, *8-41*, *8-43*, *8-56*, *8-58*
1-297-010007-15 . . . . . *8-26*
1-297-010008-05 . *8-4*, *8-10*, *8-14*, *8-16*, *8-62*, *8-65*, *8-69*, *8-72*, *12-26*, *12-30*, *12-32*, *12-36*
1-297-010008-07 . *8-4*, *8-10*, *8-12*, *8-14*, *8-16*, *8-18*, *8-36*, *8-41*, *8-52*, *8-62*, *8-65*, *8-69*, *8-72*
1-297-010008-09 . . . . . *8-56*
1-297-010008-18 . *8-4*, *8-10*, *8-22*, *8-26*, *8-30*, *8-38*, *8-43*, *8-50*
1-297-010008-20 . *8-4*, *8-10*, *8-22*, *8-26*, *8-30*, *8-33*, *8-38*, *8-41*, *8-43*, *8-56*, *8-58*
1-297-010008-23 . . . . . *8-4*, *8-10*
1-297-010008-24 . . . . . *8-26*, *8-30*
1-297-010008-26 . . . . . *8-26*
1-297-010009-03 . . . . . *8-4*, *8-10*, *8-12*
1-297-010009-04 . . . . . *8-30*, *8-47*
1-297-010010-01 . *8-4*, *8-10*, *8-14*, *8-16*, *8-18*, *8-58*, *8-62*, *8-65*, *8-69*
1-297-010010-03 . . . . . *8-38*, *8-41*, *8-43*, *8-56*, *8-58*
1-297-010010-04 . . . . . *8-36*, *8-41*, *8-47*, *8-52*
1-297-010010-06 . . . . . *8-26*
1-297-010011-04 *8-36*, *8-38*, *8-41*, *8-43*, *8-47*, *8-50*, *8-58*
1-297-010012-16 . . . . . *8-4*, *8-10*
1-297-010013-11 . *8-36*, *8-38*, *8-41*, *8-43*, *8-47*, *8-58*
1-297-010013-12 . . . . . *8-50*
1-297-010013-16 . . . . . *8-22*
1-297-010014-02 . . . . . *8-52*
1-297-010015-06 . . . . . *8-4*, *8-10*
1-297-010015-07 . . . . . *8-22*, *8-26*, *8-30*
1-297-010015-09 . . . . . *8-4*, *8-10*
1-297-010015-10 . . . . . *8-26*
1-297-010015-11 . . . . . *8-30*
1-297-010017-03 . . . . . *8-33*
1-297-010018-02 . . . . . *8-12*
1-297-010018-03 . . . . . *8-30*
1-297-010020-02 . . . . . *8-4*, *8-10*
1-297-010022-02 . . . . . *8-4*, *8-10*, *8-12*, *8-52*
1-297-010022-03 . *8-22*, *8-26*, *8-30*, *8-41*, *8-43*, *8-50*, *8-65*, *8-72*
1-297-010033-03 . . . . . *8-4*, *8-10*, *8-12*
1-298-010001-1 . . . . . *4-8*, *10-2*, *10-6*, *10-10*, *10-13*
130116 . . *1-4*, *1-10*, *9-2*, *9-8*, *9-12*, *9-14*, *9-16*, *9-20*, *9-24*, *9-29*, *9-35*, *9-40*, *9-45*
13028 . . . . . *12-18*, *12-21*
130284 . . . . . *4-10*
130350 . . . . . *12-25*, *12-26*, *12-29*, *12-30*
130536 . . . . . *12-2*
131195 . . . . . *2-32*, *2-34*
1-316-010013 . . . . . *13-14*
1-323-010008 . . . . . *8-52*
132833 . . . . . *12-6*, *12-8*, *12-10*
133458 . . . . . *4-14*
133732 . . . . . *3-2*
133855 . . . . . *8-12*
134144 . . . . . *5-10*
13424 . . . . . *12-18*
1-343-010001 . . . . . *9-8*, *13-8*
134657 . . . . . *8-14*, *8-16*, *8-18*
13468 . . . . . *12-18*
134757 . . . . . *5-32*
135184 . . . . . *1-18*, *12-6*, *12-8*, *12-10*
135188 . . . . . *6-10*

135811 3-3
13680 12-18
136908 . . . . . 2-32, 2-34
137024 . . . . . 12-6, 12-8, 12-10
137108 5-4
137461 5-2
137485 5-2
138090 5-2
1-382-010035-06 . . . . . 12-6, 12-8, 12-10
138209 13-15
13839 12-18
1-384-010038024 . . . . . 8-26, 8-30
1-384-010038038 . . . . . 8-26, 8-30, 8-50, 8-72
1-384-010038054 8-26
1-384-010038056 8-4
1-384-010038060 . . . . . 8-10, 8-30
1-384-010038072 . . . . . 8-30, 8-33
1-384-010038076 8-22
1-384-010038084 . . . . . 8-22, 8-26, 8-30
1-384-010038120 8-30
138711 . . . . . 2-4, 11-4, 11-22
138814 . . . . . 8-4, 8-10
139140 13-3
139201 5-25
139383 5-2
139478 12-20
139479 12-20
139560 5-32
139619 6-10
139630 6-10
139631 6-10
1-397-010262-1 . . . . . 12-26, 12-30, 12-36
1-397-010301024 13-6
1-397-010301100 11-32
1-397-010301114 11-3
1-397-010301124 11-3
1-397-010301136 11-3
1-397-010302060 . . . . . 13-3, 13-6
1-397-010302064 11-15
1-397-010302136 11-10
1-397-010304016 13-3
1-397-010304018 13-14
1-397-010304060 13-14
1-397-010305060 . . . . . 13-3, 13-6
1-397-010305133 11-3
1-397-010305156 11-4
1-397-010305164 11-4
1-397-010312032 13-14
1-397-010318018 13-3
139826 6-4
139830 6-10
140450 . . . . . 5-30, 8-58
1406044 11-4
140927 6-4
140929 6-4
1410792 13-16
141251 . . . . . 4-5, 4-8
141900037 11-26
142064 2-32
142065 2-32
142441 10-2
142465 10-2
142545 . . . . . 10-2, 10-6, 10-10, 10-13
143100 . . . . . 9-2, 9-9, 9-12, 9-14, 9-16
143101 . . . . . 9-2, 9-9, 9-12, 9-14, 9-16, 9-48
143102 . . . . . 9-20, 9-24, 9-28, 9-34
143103 8-54, 9-20, 9-24, 9-28, 9-34, 9-43, 9-47, 9-51
143114 . . . . . 2-28, 9-8
143121 . . . . . 9-2, 9-8, 9-20, 9-24, 9-28, 9-35, 9-43
143123 . . . . . 9-20, 9-24, 9-28, 9-34, 9-40
143166 9-4
143850 13-15
144608 9-8
144736 13-3
145499 . . . . . 2-20, 3-5, 3-6, 3-17, 3-18, 3-20
145696 5-32

145697 5-32
146897 . . . . . 9-2, 9-4, 9-28, 9-34
146898 . . . . . 9-20, 9-24, 9-28, 9-34, 9-40
146929 . . . . . 9-4, 9-8, 9-28, 9-34
147304 2-34
147464 9-43
147475 5-32
147582 . . . . . 11-15, 11-18
148028 4-14
148036 11-15
148043 11-15
148044 11-15
148045 11-15
148138 11-22
148139 11-22
148140 11-22
148142 11-22
148143 11-22
148144 11-22
148581 9-47
148582 9-47
148783 4-14
148786 6-13
148787 6-13
148811 . . . . . 2-14, 4-3, 4-11, 4-14, 4-15
148890 4-10
150057 4-14
150058 4-14
150059 4-14
150076 . . . . . 2-4, 2-10
150093 9-48
150109 3-5
150111 9-47
150114 . . . . . 9-8, 9-20, 9-24, 9-28, 9-34, 9-40, 9-45
150116 . . . . . 9-20, 9-24, 9-28, 9-34, 9-40, 9-45
150117 . 9-2, 9-8, 9-12, 9-14, 9-16, 9-20, 9-24, 9-28, 9-34, 9-40, 9-45
150118 . . . . . 9-20, 9-24, 9-28, 9-34, 9-45
150346 5-32
1-510-010001 2-11, 2-32, 2-34, 3-21, 4-3, 4-10, 8-4, 8-10, 8-26, 9-8, 9-37, 11-3
1-510-010003-09 . . 2-14, 4-3, 4-10, 4-14, 4-15, 5-28
1-512-010002-09 . 2-20, 2-23, 3-17, 3-18, 3-20, 12-6, 12-8, 12-10
1-512-010002-14 6-10
1-512-010002-15 3-2
1-512-010003-03 . . . . . 13-6, 13-14
1-512-010003-05 13-8
1-512-010003-14 6-4
1-512-010004-03 . . . . . 13-8, 13-14
1-512-010005-01 . . . 2-4, 2-10, 3-21, 5-28, 8-5, 8-10, 8-54, 8-62, 8-65, 8-69, 9-8, 9-20, 9-24, 9-28, 9-34, 9-37, 9-40, 9-45, 11-18, 11-21, 12-6, 12-8, 12-10, 13-3
1-512-010005-03 . . 9-2, 9-4, 9-28, 9-34, 9-47, 11-15, 13-3, 13-6, 13-18
1-512-010005-05 2-4, 2-10, 2-34, 3-2, 4-3, 5-28, 6-4, 8-4, 8-22, 8-26, 8-30, 8-33, 8-52, 10-6, 10-10, 10-13, 11-3, 11-15, 12-12, 13-3, 13-8, 13-14
1-512-010005-09 . . 2-4, 2-10, 2-17, 2-20, 2-23, 2-26, 2-28, 2-29, 2-32, 2-34, 3-3, 3-7, 3-10, 3-13, 4-8, 5-28, 6-4, 6-8, 6-15, 7-1, 7-6, 7-8, 9-8, 12-2, 12-4, 12-12, 13-3, 13-14
1-512-010005-10 13-16
1-512-010005-13 . . 2-17, 2-20, 2-23, 3-9, 3-12, 3-13, 3-15, 3-20, 4-3, 4-10, 4-15, 6-15, 7-4
1-512-010005-15 . . 2-4, 2-10, 5-25, 6-10, 6-13, 6-14, 6-15, 7-2, 8-12, 9-4, 12-4, 12-6, 12-8, 12-10
1-512-010005-19 . . . . . 13-6, 13-18
1-512-010007-03 . . . . . 9-20, 9-24, 9-28, 9-34, 9-40
1-512-010007-05 . . . . . 3-2, 5-2, 13-3
1-512-010007-06 . . . . . 6-4, 13-3
1-512-010007-09 . . . . . 5-14, 6-12
1-512-010007-11 . . . . . 2-17, 3-9, 3-12, 6-12
1-512-010007-12 . . . . . 2-4, 2-10
151822 5-10
153018 2-4
153032 . . . . . 9-47, 13-3
1-533-010001 . . . 3-23, 3-24, 3-25, 3-26, 3-27, 3-28
153366 5-6

153408 ..... *5-6*
153409 ..... *5-6*, *9-43*
153754 ..... *7-4*
154234 ..... *12-13*
1-557-010014 ..... *2-28*
1-557-010327 ..... *4-10*
1-557-010362-63 ..... *2-28*, *4-14*
1-557-010362-87 ..... *4-5*, *4-8*
155780 ..... *1-4*, *1-12*
1-560-010002-02 . *8-4*, *8-10*, *8-26*, *8-62*, *8-66*, *8-70*, *8-72*
1-560-010002-03 ..... *8-22*, *8-30*, *13-14*
1-560-010002-04 ..... *8-22*, *8-26*, *8-30*, *8-33*
1-560-010002-05 ..... *8-22*, *8-30*, *13-3*
156430 ..... *2-4*, *2-10*
157330 ..... *11-32*
1-578-010015-14 ..... *9-8*
158581 ..... *11-4*
158732 ..... *2-20*, *3-5*, *3-6*, *3-17*, *3-18*, *3-20*
159001 ..... *5-2*
159522 ..... *2-34*, *4-14*
160070 ..... *14-1*
160366 ..... *2-10*, *11-4*, *11-23*, *11-24*
161165 ..... *2-10*
161168 ..... *2-10*
161172 ..... *2-10*
161775 ..... *2-18*, *2-20*, *2-23*
161776 ..... *14-1*
161811 ..... *12-2*
161825 ..... *5-30*
161830 ..... *5-30*
161833 ..... *5-30*
162037 ..... *2-10*
162038 ..... *2-10*
162039 ..... *2-10*
162041 ..... *13-16*
162042 ..... *13-16*
162049 ..... *7-2*
162051 ..... *7-2*
162056 ..... *2-4*, *2-10*
162207 ..... *12-38*, *12-40*
162208 ..... *12-38*
162210 ..... *12-38*, *12-40*
162211 ..... *12-38*, *12-40*
162213 ..... *12-38*
162214 ..... *12-38*
162215 ..... *12-38*, *12-40*
162216 ..... *12-38*, *12-40*
162217 ..... *12-40*
162218 ..... *12-38*, *12-40*
162219 ..... *12-38*, *12-40*
162248 ..... *13-16*
162290 ..... *9-8*, *9-37*
162551 ..... *3-2*
162788 ..... *2-10*
162941 ..... *12-38*, *12-40*
162942 ..... *12-40*
162943 ..... *12-40*
162944 ..... *12-40*
1-630-010021-01 ..... *2-4*
163472 ..... *12-20*
163474 ..... *11-23*
163475 ..... *11-23*
163476 ..... *11-23*
163477 ..... *11-23*
163478 ..... *11-23*
163480 ..... *11-23*
163481 ..... *11-23*
163567 ..... *4-8*
163572 ..... *4-8*
163573 ..... *4-8*
163574 ..... *4-8*
163575 ..... *4-8*
163578 ..... *8-26*
163596 ..... *5-32*
163597 ..... *5-32*

163996 9-8
164052 . . . . . 9-8, 9-12, 9-14, 9-16, 9-48
164087 . . . . . 5-30, 8-58
164088 5-30
164090 5-30
164091 5-30
164092 8-58
164093 5-30
164095 5-32
164398 4-10
164435 11-15
1-647-010004177 . . . . . 3-23, 3-24, 3-27, 3-28
1-647-010004181 . . . . . 3-25, 3-26
1-647-010004221 . . . . . 2-4, 2-10, 4-8
1-647-010004255 6-12
1-647-010004259 . . . . . 6-12, 12-2
164807 6-13
164814 6-13
1-654-010024055 9-48
1-654-010032-05 3-2
1-654-010047-03 2-10
1-654-010047-04 . . 2-4, 3-21, 5-28, 9-8, 9-37, 9-45, 12-6, 12-8, 12-10
1-654-010047-05 . . . . . 2-4, 2-10, 8-5, 8-10
1-654-010047-06 9-20, 9-24, 9-28, 9-34, 9-40, 13-14
1-654-010047-07 . . . . . 8-54, 8-62, 8-66, 8-69
1-654-010047-10 . . 11-18, 11-21, 12-6, 12-8, 12-10
1-654-010049-03 . . . . . 5-4, 5-6, 11-3
1-654-010049-05 . . . . . 9-2, 9-47, 12-32
1-654-010049-06 . . . . . 9-2, 9-4, 9-28, 9-34
1-654-010049-09 11-15
1-654-010049-11 12-32
1-654-010050-07 13-3
1-654-010051-03 . . . . . 6-4, 8-52
1-654-010051-05 2-4, 3-2, 5-10, 5-14, 5-28, 8-4, 13-3, 13-8
1-654-010051-06 . 2-32, 2-34, 3-2, 3-21, 4-10, 5-28, 6-4, 12-12, 13-3, 13-14
1-654-010051-07 . . . . . 2-4, 2-34, 4-3, 5-28
1-654-010051-08 . . . 2-4, 2-10, 2-32, 2-34, 4-3, 5-28, 8-22, 8-26, 8-30, 8-33
1-654-010051-09 13-14
1-654-010051-10 . . . . . 10-6, 10-10, 10-13
1-654-010051-11 . . . . . 4-14, 12-32
1-654-010051-12 5-28
1-654-010051-15 6-4
1-654-010052-17 12-36
1-654-010053-05 6-4
1-654-010055-01 . . . . . 3-10, 3-12, 3-18, 7-1, 13-3
1-654-010055-02 . . . . . 4-8, 4-14, 12-2
1-654-010055-03 . 2-17, 2-23, 2-26, 2-28, 2-32, 2-34, 4-3, 4-10, 4-15, 6-4, 6-12, 6-15, 7-1, 7-8, 11-32, 12-4, 13-3, 13-14
1-654-010055-04 2-17, 2-20, 2-23, 2-29, 12-2, 12-18, 12-21, 13-18
1-654-010055-05 . . . . . 2-14, 3-3, 4-10
1-654-010055-07 . 3-23, 3-24, 3-25, 3-26, 3-27, 3-28, 7-6
1-654-010055-09 12-36
1-654-010055-10 . . . . . 4-3, 4-10, 4-15
1-654-010055-12 . . . . . 4-10, 7-8
1-654-010055-13 . . . . . 2-14, 2-28, 13-14
1-654-010055-15 7-1
1-654-010055-16 12-12
1-654-010055-17 12-12
1-654-010059-01 12-32
1-654-010059-03 . 3-13, 3-15, 3-20, 4-10, 6-12, 6-15
1-654-010059-05 . . . . . 2-20, 2-23, 4-15
1-654-010059-06 . . . . . 4-3, 4-10, 12-36
1-654-010059-07 6-10
1-654-010059-09 . . . . . 2-17, 3-9, 3-12
1-654-010059-11 . . . . . 4-10, 6-10
1-654-010059-14 . . . . . 3-9, 3-12, 7-4
1-654-010059-17 2-17
1-654-010061-07 . . . . . 8-12, 9-4
1-654-010061-13 . . . . . 12-4, 12-6, 12-8, 12-10
1-654-010061-15 5-26
1-654-010065-17 . . . . . 13-6, 13-18

1-654-010070-02 6-8
1-654-010089-15 . . . . . 3-7, 3-10, 3-13
1-654-010100015 13-3
1-654-010121-06 . . . . . 13-6, 13-18
1-654-010133-05 . . . . . 2-4, 2-10
1-654-010158-02 . . . . . 4-3, 8-33
1-654-010158-1 . . . . . 3-2, 9-8
1-656-010003026 . . . . . 9-8, 9-37
1-656-010003051 9-20, 9-24, 9-28, 9-34, 9-40, 13-8, 13-16
1-656-010003076 13-8
1-660-010006 9-48
166766 13-15
166916 9-47
167199 11-24
167200 11-24
167201 11-24
167368 4-10
167391 5-10
167521 . . . . . 12-13, 12-38
168193 11-32
168518 2-29
168528 . . . . . 12-4, 12-6, 12-8, 12-10
168531 2-29
168593 . . . . . 8-62, 8-66, 9-51
168610 . . . . . 8-62, 8-66, 8-70
168613 9-51
168616 . . . . . 8-62, 8-66, 8-70, 8-72
168617 . . . . . 8-62, 8-66, 8-70, 8-72
168618 . . . . . 8-62, 8-66, 8-70, 9-51
169365 11-4
169372 2-10
169531 13-15
169532 13-15
169690 12-2
169853 . . . . . 9-2, 9-8, 9-12, 9-14, 9-16
170109 13-15
170110 13-15
170114 13-16
170115 5-26
170118 5-26
170120 5-26
1709AS669-01 6-4
171441 13-8
171664 8-30
171910 2-17
171915 . . . . . 2-17, 2-20, 2-23, 2-26
171965 7-4
172298 2-34
172426 4-8
172827 12-13
172877 . . . . . 12-13, 12-40
173044 6-4
173519 11-6
173860 13-15
174031 2-17
174037 2-34
174038 2-34
174039 2-34
174042 1-10
174043 . . . . . 1-18, 9-12, 9-14, 9-16
174069 4-8
174071 9-40
174133 5-26
174178 5-28
174540 2-17
174545 2-34
174546 2-34
174559 4-8
174681 2-14
175353 4-8
175354 4-8
175591 . . . . . 9-9, 9-37, 13-6, 13-15
175592 . . . . . 9-9, 9-37
178425 13-15
178428 13-15

178431 . . . . . *13-15*
178432 . . . . . *13-3*
178434 . . . . . *13-18*
178435 . . . . . *13-18*
178436 . . . . . *13-18*
178444 . . *2-4*, *2-10*, *11-4*, *11-6*, *11-8*, *11-10*, *11-12*, *11-15*, *12-6*, *12-8*, *12-10*
178592 . . . . . *8-62*, *8-66*, *8-70*, *8-72*
178638 . . . . . *13-15*
178714 . . . . . *12-40*
178715 . . . . . *12-38*, *12-40*
178716 . . . . . *12-40*
178717 . . . . . *12-40*
178718 . . . . . *12-38*
178999 . . . . . *12-38*
179000 . . . . . *12-38*
179001 . . . . . *12-38*
179011 . . . . . *2-20*
179045 . . . . . *13-8*
179046 . . . . . *13-8*
179050 . . . . . *13-8*
179057 . . . . . *13-8*
179090 . . . . . *13-15*
179105 . . . . . *5-26*
179106 . . . . . *5-26*
179566 . . . . . *11-18*, *11-21*
1-796-010001 . . . . . *9-20*, *9-24*, *9-29*, *9-35*
1-796-010002-01 . . . . . *9-48*
1-796-010003-01 *8-33*, *8-50*, *8-72*, *9-40*, *10-6*, *10-10*, *10-13*
1-796-010003-02 . . . . . *13-8*
1-796-010004-02 . . . . . *9-2*, *9-20*, *9-24*, *9-29*, *9-35*
179862 . . . . . *2-14*
179883 . . . . . *2-14*
179885 . . . . . *2-14*
179891 . . . . . *2-17*
179955 . . . . . *5-4*
18002 . . . . . *12-18*, *12-21*
18009 . . . . . *12-17*
18015 . . . . . *12-17*
18016 . . . . . *12-17*
18019 . . . . . *12-17*
18020 . . . . . *12-17*
18022 . . . . . *12-20*
180223 . . . . . *8-62*, *8-66*, *8-70*
180225 . . . . . *8-62*, *8-66*, *8-70*
180229 . . . . . *8-62*, *8-66*, *8-70*, *9-51*
18024 . . . . . *12-18*
180254 . . . . . *13-8*
18026 . . . . . *12-17*
18027 . . . . . *12-17*
18028 . . . . . *12-18*
18029 . . . . . *12-18*
18030 . . . . . *12-17*
18032 . . . . . *12-17*
18033 . . . . . *12-20*
18034 . . . . . *12-20*
18035 . . . . . *12-20*
18039 . . . . . *12-17*
18044 . . . . . *12-18*
18047 . . . . . *12-17*, *12-20*
180529 . . . . . *12-6*, *12-8*, *12-10*
18056 . . . . . *12-18*
180600 . . . . . *2-14*
180601 . . . . . *2-14*
180605 . . . . . *12-2*
18077 . . . . . *12-17*
18078 . . . . . *12-17*
180839 . . . . . *8-62*, *8-66*, *8-70*, *8-72*
180840 . . . . . *8-62*, *8-66*, *8-70*, *8-72*
180931 . . . . . *1-4*
182056 . . . . . *6-14*
182057 . . . . . *6-14*
182070 . . . . . *3-7*, *3-9*, *3-10*, *3-12*
182072 . . . . . *2-17*
182073 . . . . . *2-17*, *3-13*, *3-15*

182090 . . . . . *2-17*
1-822-010001 . . . . . *4-3*, *8-33*
1-822-010002 . . . . . *3-2*, *4-3*, *8-33*, *13-3*, *13-14*
1-833-010001 *8-4*, *8-10*, *8-14*, *8-16*, *8-18*, *8-52*, *8-58*
1-833-010002 . . . . . *8-12*
1-833-010003 . . . . . *8-22*, *8-26*, *8-30*
183413 . . . . . *9-51*
1-843-010014 . . . . . *5-32*
184441 . . . . . *8-4*, *8-10*, *8-22*, *8-26*, *8-30*, *8-33*
184442 . . . . . *8-4*, *8-10*, *8-22*, *8-26*, *8-30*
185059 . . . . . *9-2*, *9-12*, *9-14*, *9-16*
186009 . . *1-6*, *1-14*, *2-17*, *3-7*, *3-9*, *3-10*, *3-12*, *3-13*, *4-10*
1-861-010032-02 . . . . . *13-6*, *13-14*
1-861-010032-03 . . . . . *13-3*, *13-8*
1-861-010032-06 . . . . . *8-5*, *8-10*, *11-21*
1-861-010032-07 . . *2-4*, *2-10*, *3-2*, *3-21*, *8-54*, *8-62*, *8-66*, *8-69*, *9-8*, *9-20*, *9-24*, *9-28*, *9-34*, *9-40*, *12-6*, *12-8*, *12-10*, *13-3*
1-861-010032-08 . . . . . *6-4*, *11-3*
1-861-010032-09 . . . *9-2*, *9-4*, *9-28*, *9-34*, *13-3*, *13-6*
1-861-010032-10 *5-28*, *6-4*, *10-6*, *10-10*, *10-13*, *11-3*, *12-12*, *13-8*
1-861-010032-11 *2-4*, *2-32*, *2-34*, *3-2*, *3-21*, *4-3*, *4-10*, *5-28*, *8-4*, *8-22*, *8-26*, *8-30*, *8-33*, *13-3*, *13-14*
1-861-010032-13 . . . . . *6-4*
1-861-010032-14 . *4-8*, *6-8*, *12-4*, *12-6*, *12-8*, *12-10*, *13-16*
1-861-010032-15 *2-14*, *2-17*, *2-20*, *2-23*, *2-26*, *2-28*, *2-29*, *2-32*, *2-34*, *3-3*, *3-7*, *3-10*, *3-12*, *3-13*, *3-17*, *3-18*, *3-20*, *3-23*, *3-24*, *3-25*, *3-26*, *3-27*, *3-28*, *4-3*, *4-8*, *4-10*, *4-15*, *5-28*, *6-12*, *6-15*, *7-1*, *9-8*, *12-2*, *12-12*, *13-3*, *13-14*, *13-18*
1-861-010032-18 . *2-17*, *3-9*, *3-12*, *6-10*, *6-12*, *6-15*, *12-6*, *12-8*, *12-13*
1-861-010032-19 . *2-17*, *2-20*, *2-23*, *3-9*, *3-12*, *3-13*, *3-20*, *4-3*, *4-8*, *4-10*, *4-15*, *6-10*, *7-4*
1-861-010032-20 . . . . . *5-25*, *7-2*
1-861-010032-21 . . *2-4*, *2-10*, *3-2*, *5-25*, *5-26*, *6-13*, *6-14*, *12-4*, *12-6*, *12-8*, *12-10*, *13-18*
1-861-010032-25 . . . . . *4-14*
1-861-010034-07 . *9-20*, *9-24*, *9-28*, *9-34*, *9-40*, *13-3*
1-861-010034-09 . . . . . *3-2*, *13-14*
1-861-010034-10 . . . . . *5-4*, *5-6*, *11-3*, *12-32*
1-861-010034-11 . . . . . *3-2*, *6-4*, *12-32*, *12-36*
1-861-010034-13 . . . *3-10*, *3-12*, *3-18*, *11-32*, *12-18*, *12-21*, *12-32*, *12-36*, *13-14*
1-861-010034-15 . . . . . *6-10*, *12-6*, *12-8*, *12-13*
1-861-010059-21 . . . . . *11-3*
186811 . . . . . *13-15*
186875 . . . . . *11-4*, *11-6*, *11-8*, *11-10*, *11-12*, *11-15*
186877 . . . . . *11-4*, *11-6*, *11-8*, *11-10*, *11-12*, *11-15*
186885 *9-48*, *11-4*, *11-6*, *11-8*, *11-10*, *11-12*, *11-15*, *11-28*
186922 . . . . . *4-5*
187859 . . . . . *9-8*, *9-40*
187860 . . . . . *9-20*, *9-24*, *9-28*, *9-34*, *9-40*
187863 . . . . . *2-20*, *2-23*, *2-26*
187868 . . . . . *9-20*, *9-24*, *9-28*, *9-34*
187869 . . . . . *9-8*, *9-20*, *9-24*, *9-28*, *9-34*, *9-40*, *9-45*
189278 . . . . . *2-4*, *2-10*, *3-2*, *4-3*, *9-8*
189279 . . . . . *2-4*, *2-10*
189280 . . . . . *2-4*, *2-10*
189282 . . . . . *2-4*, *2-10*
189285 . . . . . *11-8*
189292 . . . . . *1-10*
189308 . . . . . *13-16*
189309 . . . . . *13-15*
189310 . . . . . *13-15*
189311 . . . . . *13-15*
189360 . . . . . *13-14*
189361 . . . . . *13-15*
189364 . . . . . *13-16*
189369 . . . . . *13-16*
189374 . . . . . *13-16*
190400035 . . . . . *11-26*
19045 . . . . . *12-17*, *12-20*
191535 . . . . . *6-4*
191543 . . . . . *2-17*, *3-7*, *3-9*, *3-10*, *3-12*, *3-13*, *4-11*
191568 . . . . . *9-20*, *9-28*, *9-37*

191578 . . . . . 8-5, 8-10
191588 5-10
191589 5-10
191847 11-28
191848 11-28
191849 11-28
191850 11-28
192387 6-14
192388 6-14
192651 4-15
193400 11-28
193401 11-28
193402 11-28
193442 11-28
193443 11-28
193444 11-28
193445 11-28
193446 11-28
193447 11-28
193904 13-16
193910 . . . . . 11-4, 11-6, 11-8, 11-10, 11-12, 11-15
194380 6-1
194384 6-1
194407 . . . . . 9-49, 11-4
194414 . . . . . 8-33, 8-50, 8-72
194415 5-28
194417 5-28
194418 5-28
194419 5-28
194425 . . . . . 5-28, 8-38, 8-41, 8-43
194426 5-28
194427 5-28
194465 . . . . . 2-20, 3-5, 3-6, 3-17, 3-18, 3-20
195009 . . . . . 9-8, 9-37
195395 . . . . . 8-70, 9-51
196167 . . 1-4, 1-6, 1-14, 2-17, 2-20, 2-23, 2-26, 3-7, 3-9, 3-10, 3-12, 3-13, 3-15, 3-17, 3-18, 3-20, 4-10
196168 . . 1-4, 1-6, 1-14, 2-17, 2-20, 2-23, 2-26, 3-7, 3-9, 3-10, 3-12, 3-13, 3-15, 3-17, 3-18, 3-20, 4-10
196169 . . 1-4, 1-6, 1-14, 2-17, 2-20, 2-23, 2-26, 3-7, 3-9, 3-10, 3-12, 3-13, 3-15, 3-17, 3-18, 3-20, 4-10
196172 1-4
196173 1-4
196177 1-10
196228 . . . . . 2-10, 8-10, 9-2, 10-2, 11-3
196242 . . . . . 1-6, 2-17
196243 2-17
197318 . . . . . 8-62, 8-66, 8-70, 8-72
197596 2-4
197600 . . . . . 2-4, 8-4, 9-2, 10-2, 11-3, 13-6
197601 13-6
197606 5-4
197610 . . . . . 11-4, 11-6, 11-8, 11-10, 11-12, 11-15
197612 11-3
197613 . . . . . 8-62, 8-66, 8-70, 8-72
197615 11-4
197617 11-4
197621 2-10
197632 11-3
199029 3-28
199030 3-28
199104 . . . . . 12-38, 12-40
199105 13-16
199125 . . . . . 1-6, 2-17
199128 4-10
199130 4-10
199132 . . . . . 1-4, 1-10
199134 . . . . . 1-6, 2-17
199140 . . . . . 1-4, 1-10
199141 . . . . . 1-4, 1-10
199142 1-10
199161 . . . . . 3-10, 3-12, 3-18
199213 . . . . . 11-6, 12-2, 12-4
199214 . . . . . 11-6, 12-2, 12-4, 12-12
199217 . . . . . 8-18, 9-16, 11-12, 12-2, 12-10

199218 . . . . . *8-18*, *9-16*, *11-12*, *12-2*, *12-10*
199707 . . . . . *8-18*
199708 . . . . . *8-18*
199927 . . . . . *1-6*, *2-26*
199928 . . . . . *2-26*
199942 . . . . . *2-10*
199995 . . . . . *4-14*, *11-15*
199999 . . . . . *13-6*
1DM8ER *11-4*, *11-6*, *11-8*, *11-10*, *11-12*, *11-15*
200001 . . . . . *13-6*
200002 . . . . . *2-4*, *8-4*, *11-3*
200006 . . . . . *2-4*
200014 . . . . . *11-4*
200015 . . . . . *11-15*
200036 . . . . . *9-2*
200037 . . . . . *9-20*, *9-24*, *9-28*, *9-34*, *9-43*
200300040 . . . . . *11-26*
201125 . . . . . *4-10*
201128 . . . . . *4-10*
20-12 140140 . . . . . *11-32*
20125 . . . . . *8-62*, *8-66*, *8-70*, *9-51*
201530 . . . . . *2-10*
201635 . . . . . *8-14*, *8-16*, *8-18*
201642 . . . . . *12-38*, *12-40*
201643 . . . . . *12-38*, *12-40*
201644 . . . . . *12-38*, *12-40*
201645 . . . . . *12-38*, *12-40*
201650 . . . . . *12-38*, *12-40*
202094 . . . . . *10-6*, *10-10*, *10-13*
202099 . . . . . *10-2*, *10-6*, *10-10*, *10-13*
202103 . . . . . *10-2*
202105 . . . . . *10-2*
202109 . . . . . *10-13*
202111 . . . . . *10-6*, *10-10*
2021-12-8S *11-18*, *13-6*
202118 . . . . . *10-6*, *10-10*
202120 . . . . . *10-10*
202207 . . . . . *9-51*
202225 . . . . . *13-16*
202226 . . . . . *13-16*
202355 . . . . . *3-2*
2024-12-12S *11-32*, *13-4*, *13-6*, *13-14*
2024-12-8S *11-32*, *13-6*
2024-2-4S *10-2*
202432 . . . . . *9-20*, *9-24*, *9-28*, *9-34*
202578 . . . . . *1-4*, *1-6*, *2-17*, *2-20*, *2-23*, *2-26*
202702-10-8S *11-4*, *11-6*, *11-8*, *11-10*, *11-12*, *11-15*
202702-12-12S *11-4*, *11-29*, *13-6*
202702-12-8S *11-18*, *13-6*
202702-6-6S *11-21*
202702-8-6S *11-21*
202702-8-8S *11-15*
202713-16-16S *13-16*
202930 . . . . . *4-3*, *8-33*
203102-12-12S *11-6*, *13-16*
203288 . . . . . *12-13*
204038 . . . . . *8-69*
204124 . . . . . *11-4*
204174 . . . . . *13-8*
204189 . . . . . *11-28*
204194 . . . . . *9-8*, *9-24*, *9-34*, *9-37*
204223 . . . . . *10-10*
204225 . . . . . *10-10*
204355 . . . . . *6-10*
204358 . . . . . *6-10*
204363 . . . . . *6-10*
2047-12-12S *11-32*
204958 . . . . . *8-18*, *9-16*, *11-12*, *12-10*, *12-13*
204959 . . . . . *8-18*, *9-16*, *11-12*, *12-13*
205712 . . . . . *13-16*
205836 . . . . . *8-62*, *8-66*, *8-70*
205837 . . . . . *8-62*, *8-66*, *8-70*
2062-10-12S *13-4*
2062-10-8S . . *11-4*, *11-6*, *11-8*, *11-10*, *11-12*, *11-15*, *13-4*
2062-12-12S *11-4*, *13-14*

2062-12-8S *11-18*, *13-6*
2062-16-8S *11-32*
2062-6-6S *11-18*, *11-21*
2062-8-8S *11-15*
206900 . . . . . *6-8*
206903 . . . . . *6-8*
206904 . . . . . *6-8*, *11-18*, *11-21*, *11-27*
206905 . . . . . *6-8*
206906 . . . . . *6-4*
206907 . . . . . *6-8*
206908 . . . . *1-16*, *6-4*, *6-8*, *6-10*, *9-47*, *11-18*, *11-21*
206909 . . . . . *6-8*
206910 . . . . . *6-8*
206911 . . . . . *6-8*
206912 . . . . . *6-10*
206913 . . . . . *6-10*
206917 . . . . . *6-4*
206919 . . . . . *6-4*
2071-8-8S . . . *11-4*, *11-6*, *11-8*, *11-10*, *11-12*, *11-15*, *13-4*
207358 . . . . . *8-72*
208052 . . . . . *5-32*
208053 . . . . . *5-32*
208054 . . . . . *5-32*
208062 . . . . . *5-32*
208063 . . . . . *5-32*
208064 . . . . . *5-32*
208081 . . . . . *6-4*
208082 . . . . . *6-10*
208083 . . . . . *11-18*, *11-21*
208084 . . . . . *9-47*
208085 . . . . . *9-47*
2081-8-6S *8-22*, *8-26*, *8-30*, *8-33*, *12-36*
2083-12-8S *8-22*, *8-30*
2083-8-4S . *8-36*, *8-38*, *8-41*, *8-43*, *8-47*, *8-62*, *8-66*, *8-70*
2083-8-8S *8-22*, *8-30*
208390 . . . . . *11-28*
208391 . . . . . *11-28*
208392 . . . . . *11-28*
208402 . . . . . *6-4*
208403 . . . . . *6-4*
208406 . . . . . *9-47*
208407 . . . . . *9-47*
208408 . . . . . *11-18*, *11-21*
208413 . . . . . *9-47*
208414 . . . . . *6-4*, *9-47*
208684 . . . . . *1-4*
208685 . . . . . *1-4*
208686 . . . . . *1-4*
2088-6-6S *8-22*, *8-26*, *8-30*
208883 . . . . . *6-10*
2089-6-6S *8-33*
2089-8-8S *8-30*, *8-47*
209102 . . . . . *9-49*
2092-6-6S *8-26*
209878 . . . . . *13-16*
209887 . . . . . *1-6*, *2-26*
209890 . . . . . *2-26*
209914 . . . . . *6-10*
210034 . . . . . *6-10*
210059 . . . . . *6-4*, *9-47*, *11-18*, *11-21*
210377 . . . . . *13-16*
210459 . . . . . *6-10*
212074 . . . . . *9-48*
212216 . . . . . *8-54*
212293 . . . . . *3-27*
212294 . . . . . *3-27*
212424 . . . . . *5-2*
212425 . . . . . *5-2*
212426 . . . . . *5-2*
212785 . . . . . *10-6*, *10-10*, *10-13*
213179 . . . . . *9-47*
213290 . . . . . *9-24*, *9-34*
213295 . . . . . *9-8*, *9-20*, *9-24*, *9-28*, *9-34*, *9-40*
213296 . . . . . *9-8*, *9-20*, *9-24*, *9-28*, *9-34*, *9-40*

213297 . *2-17*, *2-34*, *9-2*, *9-9*, *9-20*, *9-24*, *9-28*, *9-34*, *9-37*, *9-43*
213298 . . . . . *9-9*, *9-20*, *9-24*, *9-28*, *9-34*, *9-37*, *9-40*
213332 . . . . . *8-10*
213451 . . . . . *8-36*, *8-41*, *8-47*
213452 . . . . . *8-36*, *8-41*, *8-47*, *8-56*, *8-58*
213453 *8-36*, *8-38*, *8-41*, *8-43*, *8-47*, *8-50*, *8-56*, *8-58*
214104 . . . . . *5-2*
215159 . . . . . *11-18*
216347 . . . . . *3-27*
216348 . . . . . *3-27*
216581 . . . . . *12-18*, *12-20*
216601 . . . . . *11-28*
216705 . . . . . *8-62*, *8-66*, *8-70*
2-174-010029 . . . . . *6-4*
218023 . . . . . *9-49*
218046 . . . . . *13-4*, *13-16*
218058 . . . . . *12-18*
218060 . . . . . *13-16*
2-181-010001 . . . . . *2-11*, *4-14*, *8-4*, *11-4*
218163 . . . . . *2-17*
218164 . . . . . *2-17*
218177 . . . . . *3-21*
218337 . . . . . *4-3*
218803 . . . . . *1-12*, *4-3*, *8-33*, *8-50*, *9-40*, *10-13*
218808 . . . . . *1-12*, *4-3*, *8-33*, *8-50*, *9-40*, *10-13*
21925 . . . . . *12-17*
220000212 . . . . . *11-26*
220004 . . . . . *8-54*
220271 . . . . . *2-32*, *2-34*
220272 . . . . . *2-32*, *2-34*
220283 . . . . . *2-34*
220301 . . . . . *2-34*
220302 . . . . . *2-34*
220305 . . . . . *2-4*, *2-10*
220306 . . . . . *2-5*, *2-10*
220309 . . . . . *2-17*, *2-20*, *2-23*
220310 . . . . . *2-17*, *2-20*, *2-23*
220313 . . . . . *4-11*
220314 . . . . . *4-11*
220322 . . . . . *6-5*
220323 . . . . . *6-5*
220333 . . . . . *6-10*
220334 . . . . . *6-10*
220692 . . . . . *9-49*
220977 . . . . . *13-6*, *13-16*
221021 . . . . . *13-18*
2215-16-20S *13-14*
2216-12-12S *11-29*
222479 . . . . . *10-6*, *10-10*, *10-13*
223076 . . . . . *9-45*
223077 . . . . . *9-45*
223078 . . . . . *9-45*
223079 . . . . . *9-45*
223080 . . . . . *9-45*
223087 . . . . . *9-9*, *9-37*
223089 . . . . . *9-9*, *9-37*
223114 . . . . . *3-2*
223115 . . . . . *3-2*
223117 . . . . . *3-2*
223122 . . . . . *9-9*, *9-37*
223127 . . . . . *3-2*
223128 . . . . . *3-2*, *9-9*
223129 . . . . . *9-9*, *9-37*
223131 . . . . . *3-13*, *3-20*
223136 . . . . . *3-17*
223139 . . . . . *3-17*
223142 . . . . . *5-28*
223147 . . . . . *5-28*
223148 . . . . . *5-28*
223149 . . . . . *3-2*, *8-38*, *8-41*, *8-43*, *8-56*
223150 . . . . . *8-58*
223219 . . . . . *13-6*, *13-16*
223220 . . . . . *13-16*
223247 . . . . . *4-11*
223305 . . . . . *8-65*, *9-51*

223307 9-51
224002 5-6
224003 5-6
2240-12-12S 13-14
224304 . . . . . 10-6, 10-10, 10-13
224325 . . . . . 10-6, 10-10, 10-13
224935 . . . . . 3-17, 3-18, 3-20
224938 3-27
224939 3-27
224940 3-27
224952 . . . . . 3-7, 3-9, 3-10, 3-12
224953 . . . . . 3-7, 3-10, 3-13
225212 3-6
225238 6-16
225245 9-9
225246 9-9
225252 9-8
225253 9-8
225254 9-37
225261 . . . . . 9-20, 9-24, 9-28, 9-34
225262 . . . . . 9-20, 9-28
225264 . . . . . 9-20, 9-28
225266 . . . . . 9-20, 9-24, 9-28, 9-34, 9-45
225267 . . . . . 1-12, 3-2
225268 8-58
225270 1-10
225271 1-10
225272 1-10
225275 7-4
225276 7-4
225277 7-4
225278 7-4
225280 7-4
225281 7-4
225282 7-4
225283 1-10
225303 9-45
225304 9-45
225308 4-11
225319 . . . . . 3-7, 3-9
225320 . . . . . 3-7, 3-9
225326 . . . . . 3-7, 3-9
225327 . . . . . 3-7, 3-9
225336 7-6
225339 7-6
225394 . 3-2, 3-6, 3-21, 5-28, 8-26, 8-41, 8-43, 8-65, 9-28, 9-34, 9-43, 9-51
225406 . . . . . 3-7, 3-9
225407 . . . . . 3-7, 3-9
225696 . . . . . 10-6, 10-10, 10-13
225698 . . . . . 10-6, 10-10, 10-13
225700 . . . . . 10-6, 10-10, 10-13
225770 . . . . . 10-6, 10-10, 10-13
225785 4-10
225786 4-10
225798 5-25
225880 2-28
225881 2-28
225885 8-54
225887 8-72
225939 1-4
225956 . . . . . 5-18, 5-20, 5-22, 5-24
225958 . . . . . 5-22, 5-24
225960 . . . . . 5-22, 5-24
225969 5-22
225970 5-22
225976 . . . . . 12-38, 12-40
2263 12-22
226552 3-24
226553 3-24
226554 3-24
226560 3-18
226563 3-18
226650 8-54
226651 8-54
226652 8-54

226653 8-54
226654 8-54
226655 8-54
226658 8-54
226659 8-54
226662 8-54
226663 8-54
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
226938 7-8
226939 7-8
226953 3-17
226956 3-17
226980 . . . . . 8-5, 8-10
226982 . . . . . 3-10, 3-12
226983 . . . . . 3-10, 3-12
226988 . . . . . 3-10, 3-12
226989 . . . . . 3-10, 3-12
227010 . . . . . 3-2, 8-58
227042 8-58
227044 5-30
227073 . . . . . 3-13, 3-15
227074 . . . . . 3-13, 3-15
227518 7-6
22752 12-17
227521 7-6
227749 . . . . 1-16, 6-4, 6-8, 6-10, 9-47, 11-18, 11-21
227811 . . . . . 9-9, 9-37
227861 7-6
227863 7-6
228069 . . . . . 8-62, 8-66, 8-70, 8-72
228891 . . . . . 5-18, 5-20, 5-22, 5-24
228952 5-25
228958 13-15
229179 . . . . . 10-6, 10-10
229494 9-49
230037 . 3-2, 3-6, 3-21, 5-28, 8-22, 8-36, 8-38, 8-62, 9-20, 9-24, 9-43, 9-51
230057 1-10
230121 7-6
230125 7-6
230147 6-4
230148 6-4
230152 . . . . 1-16, 6-4, 6-8, 6-10, 9-47, 11-18, 11-21
230496 3-3
230537 3-20
230541 3-20
230610 . . . . . 5-18, 5-20, 5-22, 5-24, 5-25
230613 . . . . . 8-62, 8-66, 8-70, 9-51
23078 12-18
23079 12-18
23081 12-18
23083 12-18
231-4310 13-8
23144 12-21
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 13-16
232034 13-16
232159 6-4
232161 6-4
232211 6-4
232212 6-4
232213 6-4
232214 6-4
232229 8-26

232509 5-28
232517 . 3-2, 3-6, 3-21, 5-28, 8-30, 8-47, 9-20, 9-24, 9-43
232526 3-20
232529 3-20
232557 3-20
232560 3-20
232562 3-20
232577 3-28
232578 3-28
232579 3-28
232580 3-28
232581 3-28
232588 7-6
232590 7-6
232650 2-20
232651 . . . . . 1-6, 2-20
232654 2-20
232664 2-20
232665 . . . . . 1-6, 2-20
232668 2-20
232692 4-11
232697 4-11
232768 5-25
232774 5-25
232775 5-25
232776 5-25
23303 12-17
233148 8-73
233400 . . . . . 9-9, 9-37
23367 12-20
233682 . . . . . 10-6, 10-10
233683 . . . . . 10-6, 10-10
233684 . . . . . 10-6, 10-10
233923 3-20
234001 3-20
234010 . . . . . 3-13, 3-15
234011 . . . . . 3-13, 3-15
234206 4-11
234209 4-11
234683 2-28
234688 2-28
23470 12-17
234701 . . . . . 9-48, 9-49
234702 9-49
234703 9-48
234713 4-11
235221 5-6
235222 5-6
235567 9-49
235632 4-11
235639 . . . . . 3-23, 3-24, 3-25, 3-26
235640 . . . . . 3-23, 3-24, 3-25, 3-26
235683 . . . . . 2-5, 2-11, 8-4, 8-10, 8-73
235684 9-8
235685 9-8
235703 6-10
235704 6-10
235747 . . . . . 9-24, 9-34
235783 3-2
236475 5-6
236476 5-6
236497 5-6
236498 5-6
236499 5-6
236500 5-6
236501 5-6
236503 5-7
236537 5-6
236543 2-14
236552 2-34
236554 2-34
236560 . . . . . 8-4, 8-10
236567 . . . . . 5-18, 5-20
236569 5-18
237-2308-012 9-8

238166 11-21
238167 11-21
238202 . . . . . 1-16, 6-5
238235 4-15
238237 4-15
238328 . . . . . 8-69, 9-51
238554 . . . . . 5-6, 5-7
238555 5-6
238556 5-6
238557 5-7
238565 . . . . . 5-18, 5-20, 5-22, 5-24
238619 10-6
238620 10-10
238626 10-6
238627 10-10
238634 11-29
238643 11-27
238644 11-27
238645 11-27
238646 11-27
238647 11-27
238648 11-27
238649 11-27
238650 11-27
238651 11-27
238652 11-27
238653 11-27
238654 11-27
239029 . . . . . 9-9, 9-37
239078 2-23
239079 . . . . . 1-6, 2-23
239081 2-23
239082 2-23
239164 . . . . . 1-17, 8-56
239165 . . . . . 1-17, 3-2, 8-56
239180 4-15
239189 6-16
239190 6-16
239191 6-16
239192 6-16
239194 6-16
239-3650-1 9-51
239-4890-3 9-47
239-4899 13-8
239677 . . . . . 11-4, 11-29, 11-32, 13-6, 13-14
239678 . . . . . 11-4, 11-29, 11-32, 13-6, 13-14
239679 . . . . . 11-4, 11-29, 11-32, 13-14
239680 . . . . . 11-4, 11-29, 11-32, 13-15
239702 13-4
239705 11-29
239740 . . . . . 8-14, 9-12, 11-8, 12-6, 12-10, 12-25
239745 . . . . . 8-14, 9-12, 11-8, 12-6, 12-29
239780 . . . . . 2-5, 2-11, 8-4, 8-10, 8-73
239-8113-36 9-47
239842 9-8
239924 2-28
239-9961 9-45
240011 2-28
240012 2-28
240051 . . . . . 8-4, 8-10
240096 5-18
240097 . . . . . 5-18, 5-20
240098 5-18
240099 5-18
240101 5-18
240102 . . . . . 8-38, 8-43
240141 . . . . . 8-38, 8-43
240526 . . . . . 8-16, 9-14, 11-10, 12-8, 12-32
240528 . . . . . 8-16, 9-14, 11-10, 12-8, 12-36
240545 12-8
240571 12-6
240572 12-6
242508 . . . . . 3-9, 3-12
242509 . . . . . 3-9, 3-12
242607 . . . . . 8-12, 9-4
242608 . . . . . 8-12, 9-4

242615 2-10
242617 2-4
243287 3-13
243358 . . . . . 1-12, 4-3
243559 3-25
243560 3-26
243561 . . . . . 3-25, 3-26
243562 . . . . . 3-25, 3-26
243563 3-26
243564 3-26
243586 7-2
243587 7-2
243588 7-2
243589 7-2
243590 7-2
244222 . . . . . 9-9, 9-37
244223 . . . . . 9-9, 9-37
244228 . . . . . 9-9, 9-37
244331 . . . . . 9-9, 9-37
244332 . . . . . 9-9, 9-37
244333 . . . . . 9-9, 9-37
244561 9-9
244563 9-9
245122 . . . . . 8-14, 9-12, 11-8, 12-6
245123 . . . . . 8-14, 9-12, 11-8, 12-6
245124 . . . . . 8-14, 9-12, 11-8, 12-6
245125 . . . . . 8-14, 9-12, 11-8, 12-6
245537 . . . . . 8-16, 9-14, 11-10, 12-8
245538 . . . . . 8-16, 9-14, 11-10, 12-8
245539 . . . . . 8-16, 9-14, 11-10, 12-8
245540 . . . . . 8-16, 9-14, 11-10, 12-8
245785 2-28
247866 12-36
247867 12-36
247868 12-36
247869 12-36
247870 12-36
247871 . . . . . 12-32, 12-36
247872 12-36
247873 12-36
247874 12-36
247875 12-36
247876 12-36
247877 12-36
247878 12-36
247879 12-36
247880 12-36
247881 12-36
247882 12-36
247883 12-36
247884 12-36
247885 12-36
247886 12-36
247887 . . . . . 12-33, 12-36
247888 12-36
247889 12-36
247890 12-36
247891 12-32
247892 12-32
247893 12-32
247894 12-32
247895 12-32
247896 12-32
247897 12-32
247898 12-32
247899 12-32
247900 12-32
247901 12-32
247902 12-32
247903 12-32
247904 12-32
247905 12-32
247906 12-32
247907 12-32
247908 12-32
247909 12-32

247910 12-32
247911 12-32
247912 12-32
247913 12-32
247914 12-32
247915 12-32
247916 12-32
247917 12-32
247918 12-32
247919 12-32
247920 12-32
247921 12-32
247922 12-32
247923 12-32
247924 12-32
247925 12-33
247926 12-33
247927 12-33
247928 12-33
247929 12-33
247930 12-33
247931 12-33
247932 12-33
247933 12-25
247934 12-26
247935 . . . . . 12-26, 12-30
247936 12-26
247937 12-25
247938 . . . . . 12-25, 12-29
247939 . . . . . 12-25, 12-29
247940 12-25
247941 12-25
247942 . . . . . 12-25, 12-29
247943 . . . . . 12-18, 12-25
247944 12-25
247945 . . . . . 12-25, 12-29
247947 . . . . . 12-38, 12-40
247948 . . . . . 12-38, 12-40
247949 . . . . . 12-38, 12-40
247950 . . . . . 12-38, 12-40
247951 . . . . . 12-38, 12-40
2481X 13-16
248264 12-25
248265 12-25
248266 12-25
248267 12-25
248268 12-25
248269 . . . . . 12-25, 12-29
248270 . . . . . 12-25, 12-29
248271 . . . . . 12-25, 12-29
248272 . . . . . 12-25, 12-29
248273 12-25
248274 12-25
248275 . . . . . 12-25, 12-29
248276 . . . . . 12-25, 12-29
248277 . . . . . 12-25, 12-29
248278 . . . . . 12-25, 12-29
248279 . . . . . 12-25, 12-29
248280 . . . . . 12-25, 12-29
248281 . . . . . 12-25, 12-29
248282 . . . . . 12-25, 12-29
248283 . . . . . 12-25, 12-29
248284 . . . . . 12-25, 12-29
248285 12-25
248286 . . . . . 12-25, 12-29
248287 12-25
248288 12-25
248289 12-25
248290 12-25
248291 12-25
248293 12-25
248294 12-25
248295 12-25
248296 12-25
248297 12-25
248298 12-26

248299 12-25
248300 12-26
248301 12-26
248302 12-26
248303 12-26
248304 12-26
248305 12-26
248306 12-26
248307 12-26
248308 12-26
248309 . . . . . 12-20, 12-26
248310 12-26
248311 12-29
248312 12-29
248313 12-29
248314 12-29
248315 12-29
248316 12-29
248317 12-29
248318 12-29
248319 12-29
248320 12-29
248321 12-29
248322 12-29
248323 12-29
248324 12-29
248325 12-29
248326 12-29
248327 12-29
248328 12-29
248329 12-29
248330 12-29
248331 12-29
248332 12-29
248333 12-29
248334 12-29
248335 12-29
248336 12-30
248337 12-30
248338 12-30
248339 12-30
248340 12-30
248341 12-30
248344 12-30
248345 12-29
248346 12-30
248347 12-30
248348 12-30
248349 12-30
248350 12-30
248351 12-30
248352 12-30
248353 12-30
248354 12-20
248355 12-20
248356 12-20
248357 12-20
248358 . . . . . 12-17, 12-20
248359 12-20
248360 12-20
248361 12-20
248363 12-20
248364 12-20
248501 12-21
248502 12-21
248503 12-21
248504 12-21
248505 12-21
248506 . . . . . 12-18, 12-21
248507 . . . . . 12-18, 12-21
248508 12-21
248509 12-21
248510 12-21
248511 . . . . . 12-18, 12-21
248512 12-21
248513 12-21

248516 12-21
248578 12-26
248579 12-26
248580 ..... 12-26, 12-30
248581 ..... 12-26, 12-30
248582 ..... 12-26, 12-30
248583 ..... 12-26, 12-30
248584 ..... 12-26, 12-30
248585 ..... 12-26, 12-30
248586 ..... 12-26, 12-30
248587 ..... 12-26, 12-30
248588 ..... 12-26, 12-30
248589 ..... 12-26, 12-30
248590 ..... 12-26, 12-30
248591 ..... 12-26, 12-30
248592 ..... 12-26, 12-30
248593 ..... 12-26, 12-30
248594 12-17
248595 12-17
248596 12-17
248597 12-17
248598 12-17
248599 12-18
248600 12-18
248601 12-18
248604 ..... 1-14, 3-20
249506 12-18
249507 12-18
249508 12-18
249509 12-18
249510 12-17
249591 ..... 3-9, 3-12
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 12-26
251166 12-30
251169 5-24
251219 ..... 5-6, 9-43
251242 12-30
251700 ..... 3-23, 3-24, 3-25, 3-26, 3-27, 3-28
251707 14-1
252140 3-25
252141 3-25
252285 9-4
252300 5-24
252309 ..... 5-20, 5-24
252310 ..... 5-20, 5-24
252311 5-24
252312 5-24
2-573-010037 ..... 1-12, 4-14
2-573-010330-04 .... 1-12, 1-15, 10-6, 10-10, 10-13
2-573-010335 ..... 1-4, 1-16, 6-5, 6-10
26976 12-20
2-720-010006 ..... 2-4, 2-10
2-720-010007 ..... 2-4, 2-10
2J084 ..... 5-18, 5-22
3/4-10X2-1/2CB 6-14
3/4NIPPLE 13-6
3/8P COUPL 13-14
3-007-010042 13-4
3-014-010023 13-4
3-054-010066 13-4
3067 ..... 5-4, 5-6
3-120-010124 13-14
3-120-010445 ..... 8-4, 8-52
3-120-010463 13-8
3-141-010008 7-1
3-141-010121-3 2-28
3-141-010123-4 2-28

3-141-010147 . . . . . *2-28*
3-141-010152 . . . . . *2-28*
3-153-010024040 . . . . . *13-8*
3-155-010017-4 . . . . . *12-4*
3-155-010018-6 . . . . . *12-4*, *12-6*, *12-8*, *12-10*
3-156-010042 . . . . . *13-4*
3-162-010001 . . . . . *13-4*, *13-14*
3-174-010038 . . . . . *12-4*, *12-6*, *12-8*, *12-10*
3-174-010039036 . . . . . *12-4*, *12-6*, *12-8*, *12-10*
3-174-010059 . . . . . *12-6*, *12-8*, *12-10*
3-174-010060036 . . . . . *12-6*, *12-8*, *12-10*
3-181-010006 . . . . . *8-4*, *8-10*
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 . . . . . *13-14*
3-182-010034 . . . . . *13-8*
3-201-010002 . . . . . *9-20*, *9-24*, *9-29*, *9-35*, *13-4*
3-220-010004 . . . . . *8-26*, *8-41*, *8-43*, *8-66*
3-220-010005 . . . . . *8-33*, *8-50*, *8-72*
3-220-010010 . . . . . *13-4*
3-238-010007 . . . . . *8-4*
3-272-010021 . . . . . *13-4*
3-273-010014 . . . . . *13-4*
3-316-010008 . . . . . *13-4*, *13-14*
3-368-010068 . . . . . *13-3*
3-368-010252 . . . *9-12*, *9-14*, *9-16*, *9-20*, *9-24*, *9-28*, *9-34*, *9-45*, *13-4*
3-380-010006 . . . . . *13-4*
3-384-010031 . . . . . *8-22*, *8-30*
3-399-010001 . . . . . *11-32*
3-443-010018 . . . . . *13-14*
3-481-010006 . . . . . *12-12*, *12-18*, *12-22*
3-481-010007 . . . . . *12-12*, *12-21*, *12-22*
3-482-010051 . . . . . *13-4*
3-482-010137 . . . . . *13-4*
3-485-010001 . . . . . *3-21*, *4-3*
3-557-010116 . . . . . *6-12*
3-557-010273 . . . . . *2-14*
3-557-010380 . . . . . *2-28*
3-561-010001 . . . . . *11-32*
3-565-010172 . . . . . *13-4*
3-565-010173 . . . . . *13-4*
3-573-010210 . . . . . *1-10*
3-573-010298 . . . . . *1-4*
3-573-010299 . . . *1-4*, *1-18*, *12-4*, *12-6*, *12-8*, *12-10*
3-573-010377 *1-4*, *1-6*, *1-10*, *1-12*, *1-14*, *2-18*, *2-20*, *2-23*, *2-26*, *3-17*, *3-18*, *3-20*
3-573-010378 . . . . . *2-28*
3-573-010496 . . . . . *1-12*, *2-14*, *4-3*
3-591-010001 . . . . . *11-32*
3-591-010010 . . . . . *13-4*
3-619-010065 . . . . . *6-12*
3-619-010066 . . . . . *6-12*
3-659-010012 . . . . . *5-4*
3-681-010056 . . . . . *13-4*
3-681-010057 . . . . . *13-4*
3-681-010069 . . . . . *13-4*
3-707-010001 . . . . . *6-5*
3-711-010025 . . . . . *2-28*
3-720-010010 . . . . . *12-12*
3-720-010075 . . . . . *2-5*, *2-11*
3-762-010017 . . . . . *2-32*, *2-34*, *4-3*, *4-11*
3-765-010015 . . . . . *13-3*
3-765-010050 . . . . . *13-15*
3-780-010002 *4-3*, *8-22*, *8-26*, *8-30*, *8-33*, *8-36*, *8-38*, *8-41*, *8-43*, *8-47*, *8-62*, *8-66*, *8-70*
3-786-010033 . . . . . *13-6*
3-786-010037 . . . . . *13-4*
3-793-010018 . . . . . *2-18*
3-793-010040 . . . . . *4-11*, *7-8*
3-793-010041 . . . . . *7-8*
3-793-010044 . . . . . *2-18*
3-798-010023 . . . . . *5-32*
3-798-010026 . . . . . *5-32*
3-831-010050 . . . . . *2-18*
3-846-010155 . . . . . *13-6*

3-850-010002 . . . . . *13-4*
3-870-010107 . . . . . *5-4*, *5-7*
3-870-010110 . . . . . *5-32*
3-873-010122 . . . . . *12-12*, *12-17*
3-873-010123 . . . . . *12-12*, *12-20*
3-873-010124 . . . . . *12-12*
3-873-010126-2 . . . . . *11-6*, *12-4*, *12-12*, *12-17*
3-873-010129-2 . . . . . *11-6*, *12-4*, *12-12*, *12-20*
3F843-010034 . . . . . *5-28*
3P257 . . . . . *6-10*
40-0667-02 . . . . . *13-14*
4009 . . . . . *5-4*, *5-6*
40-0917-10 . . . . . *9-45*
40-0917-20 . . . . . *9-47*
405129 . . . . . *5-2*
405999-001 . . . . . *5-2*
408101-001 . . . . . *5-2*
43029 . . . . . *9-9*, *9-20*, *9-24*, *9-28*, *9-34*
456008 . . . . . *12-32*, *12-36*
481-00-225 . . . . . *5-28*
494002 . . . . . *12-33*, *12-36*
5/16-18X2 HHCS *13-4*
50013-140 . . . . . *11-18*, *11-21*
50976-09 . . . . . *11-4*
51031-74 . . . . . *11-21*
51032-06 . . . . . *11-18*, *11-21*
514-9045-12 . . . . . *9-47*
514-9045-30 . . . . . *13-14*
514-9073-30 . . . . . *13-14*
516-22PTL *2-11*, *2-14*, *4-5*, *4-8*, *9-9*, *9-37*, *12-2*
5210 . . . . . *10-2*
55B61 . . . . . *8-5*, *8-10*, *8-26*
55B61-6 . . . . . *8-5*, *8-10*, *8-26*
55B61-7 . . . . . *8-5*, *8-10*, *8-26*
56D4 . . . . . *8-22*, *8-26*, *8-30*, *8-33*
61333 . . . . . *12-18*
620-0887 . . . . . *11-4*
620-6940-003 . . . . . *9-47*
620-6940-004 . . . . . *9-47*
622-3511-008 . . . . . *2-5*, *2-11*
6-557-010163 . . . . . *2-28*
6828 . . . . . *11-32*
758-181 . . . *8-22*, *8-26*, *8-30*, *8-36*, *8-41*, *8-43*, *8-47*, *8-62*, *8-66*, *8-70*
7HCGHT500 . . . . . *12-4*, *12-6*, *12-8*, *12-10*
805-2 . . . . . *4-3*, *8-22*, *8-26*, *8-30*, *8-33*
81006 . . . . . *12-17*
81009 . . . . . *12-17*
81025 . . . . . *12-17*
81077 . . . . . *12-20*
81078 . . . . . *12-20*
81080 . . . . . *12-20*
81081 . . . . . *12-20*
81254 . . . . . *9-45*
81264 . . *9-2*, *9-9*, *9-12*, *9-14*, *9-16*, *9-20*, *9-24*, *9-29*, *9-34*, *9-40*
81530 . . . . . *12-17*
85G816E *13-6*, *13-16*
88005 . . . . . *12-21*
900-08-139 . . . . . *5-14*
900 23 002 . . . . . *5-14*
900-44-162 . . . . . *5-10*, *5-14*, *5-26*
900 54 007 . . . . . *5-28*, *8-36*, *8-41*, *8-47*, *8-56*
900598-12S *11-18*, *13-16*
905-54-107 . *5-28*, *8-5*, *8-10*, *8-36*, *8-38*, *8-41*, *8-43*, *8-47*
930 03 597 . . . . . *5-10*, *5-14*
934 00 149 . . . . . *5-10*, *5-14*
934-00-367 . . . . . *5-26*
934 00 492 . . . . . *5-26*
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*

B

B1821BH050C175N *12-6*, *12-8*
B7-141-003 . . . . . *7-1*
B7-273-008 . . . . . *13-3*

C

C3069X12 . . . . . *11-32*
CA-1595 . . . . . *13-4*, *13-6*
CH545 . . . . . *7-4*
CO-975-74-2000 . . . . . *6-12*

H

HEHM240 . . . . . *9-51*
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 . . . . . *12-32*, *12-36*

P

PMCK-22000 . . . . . *11-22*

R

RWD34999 . . . . . *2-20*, *3-5*, *3-6*, *3-17*, *3-18*, *3-20*

S

STP-164 . . . . . *13-4*

T

T30291 . . . . . *13-4*

W

W908406-4 . . . . . *5-26*, *6-10*
W908409-4 . . . . . *7-2*

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

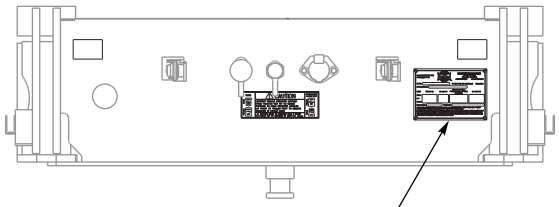
The following information will help decode the serial number.

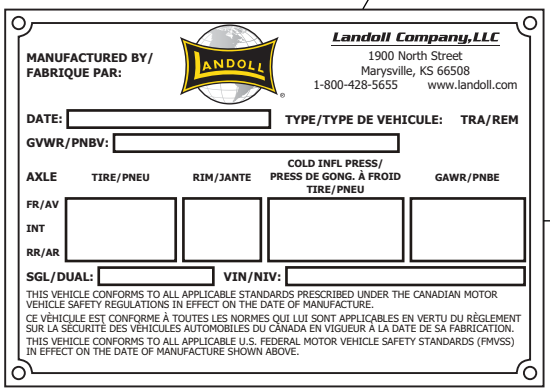
AAABBBCDEFGHJJJJJ

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

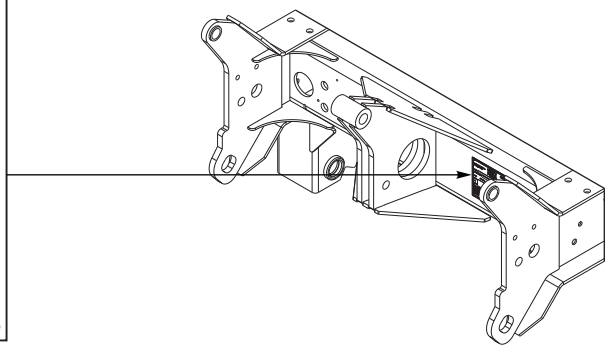
F	= model year
G	= plant of manufacture
H	= model version
JJJJJ	= serial number

VIEW FROM FRONT OF GOOSENECK ASSEMBLY
(HEAVY ASSEMBLY SHOWN)





VIEW FROM STREETSIDE FRONT OF FLIP ASSEMBLY
(IF EQUIPPED WITH THE FLIP AXLE OPTION.)



NOTE: THE MODEL AND SERIAL NUMBERS OF THE FLIP AXLE ASSEMBLE ARE DIFFERENT THAN THE TRAILER

Figure: Data Plate and Location

Manuals for 825F-835F-840F-845F

Manual Number	Manual Type
F-1093	Operator's Manual
F-1094	Parts Manual

Document Control Revision Log:

Date	Form #	Improvement(s): Description and Comments
03/22/2021	F-1094-0321	Initial Release
04/28/2021	F-1094-0421	Format Revision
09/14/2021	F-1094-0921	Updated 16.5 Disc Brakes.
10/24/2022	F-1094-1022	ECN Updates
11/02/2023	F-1094-2311	Updated with Corrections, Updates and ECN's.
12/17/2024	F-1094-2412	Updated with Corrections, Updates and ECN's.
01/03/2025	F-1094-2501	Added 840F Pullouts and New Pullout Warning Flag Holder.
11/04/2025	F-1094-2511	Updated with Corrections, Updates and ECN's.

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

825F / 835F / 840F / 845F
Detachable Semitrailer
Parts Manual

Re-Order Part Number F-1094

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