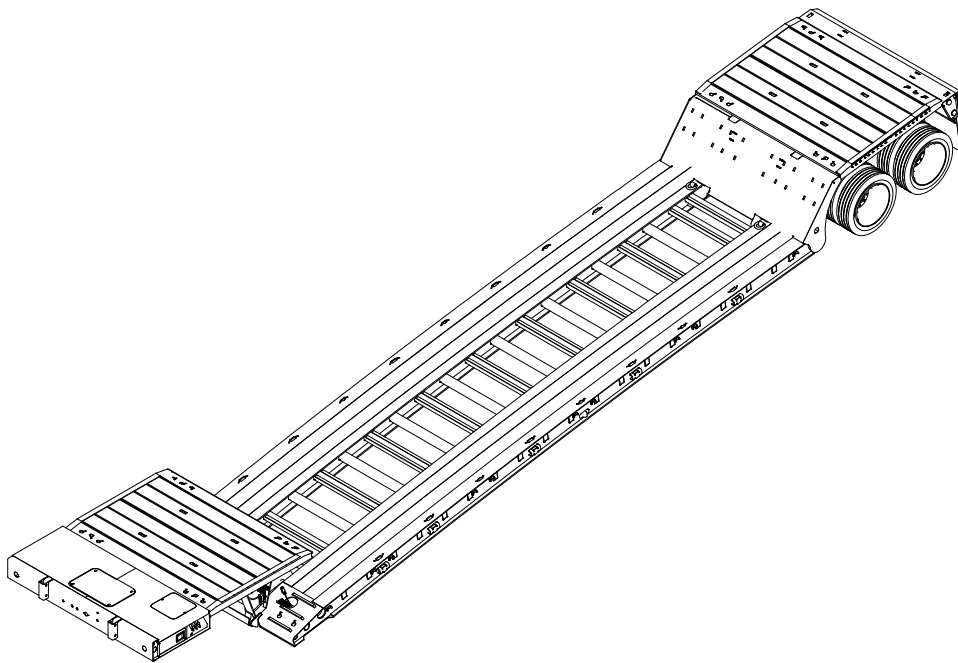




Model 825C/835C/855C Series Detachable Semitrailer Parts Manual



LANDOLL CORPORATION

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Instructions for Ordering Parts

ORDER PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

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

PHONE NO.: 1-800-423-4320 OR 1-800-428-5655 OR 1-785-562-5381

FAX NO.: 888-527-3909

ORDER ONLINE: companystore.landoll.com

IDENTIFICATION PLATE

The identification plate, which lists the model number and serial number, is located on the front of the frame (See Figure 1-1.)

SERIAL NUMBER NOMENCLATURE

The serial number for the 825C/835C/855C detachable semitrailer is located on the identification plate.

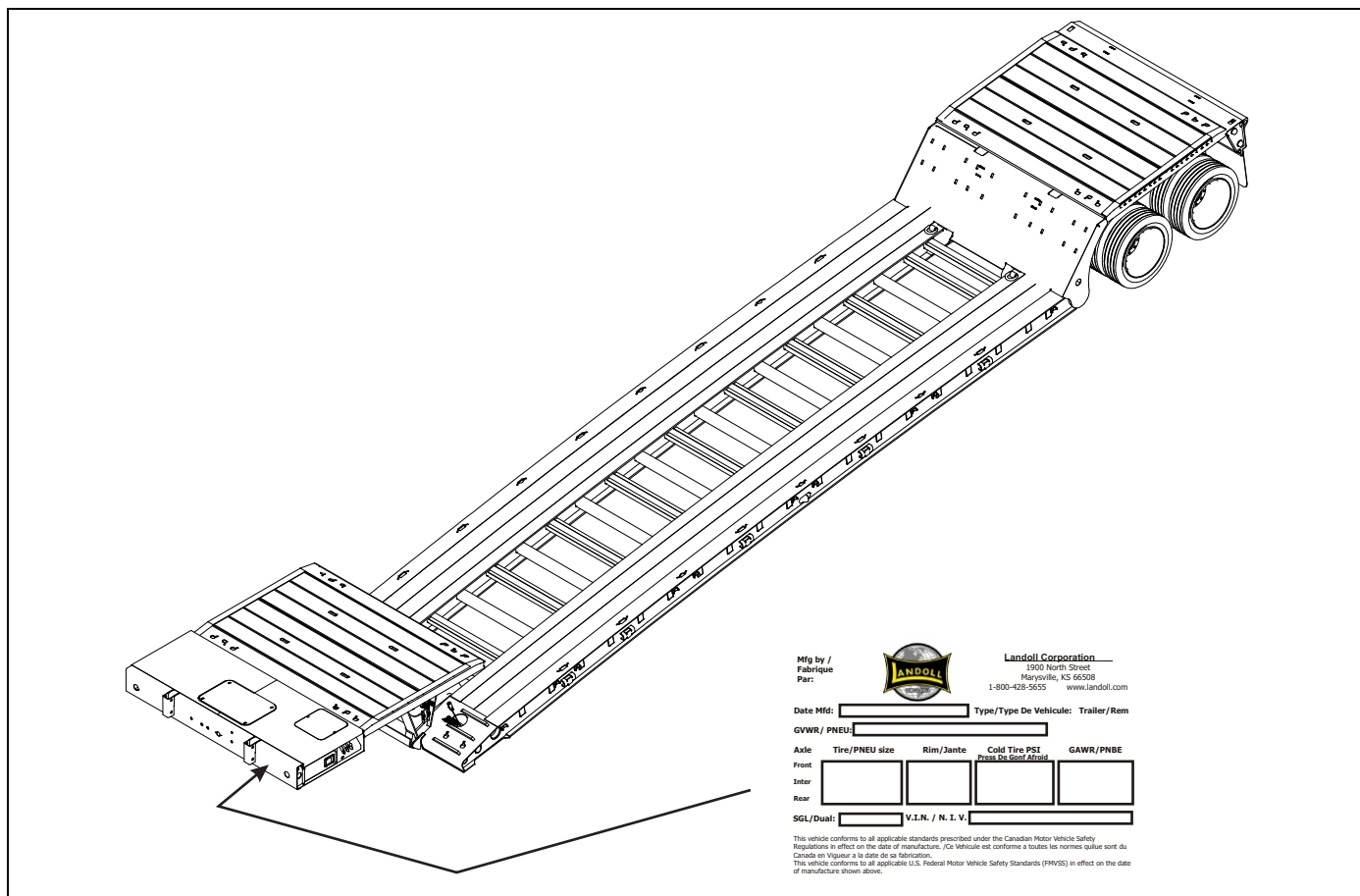


Figure 1-1: Identification Plate and Location

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Illustrated Parts List

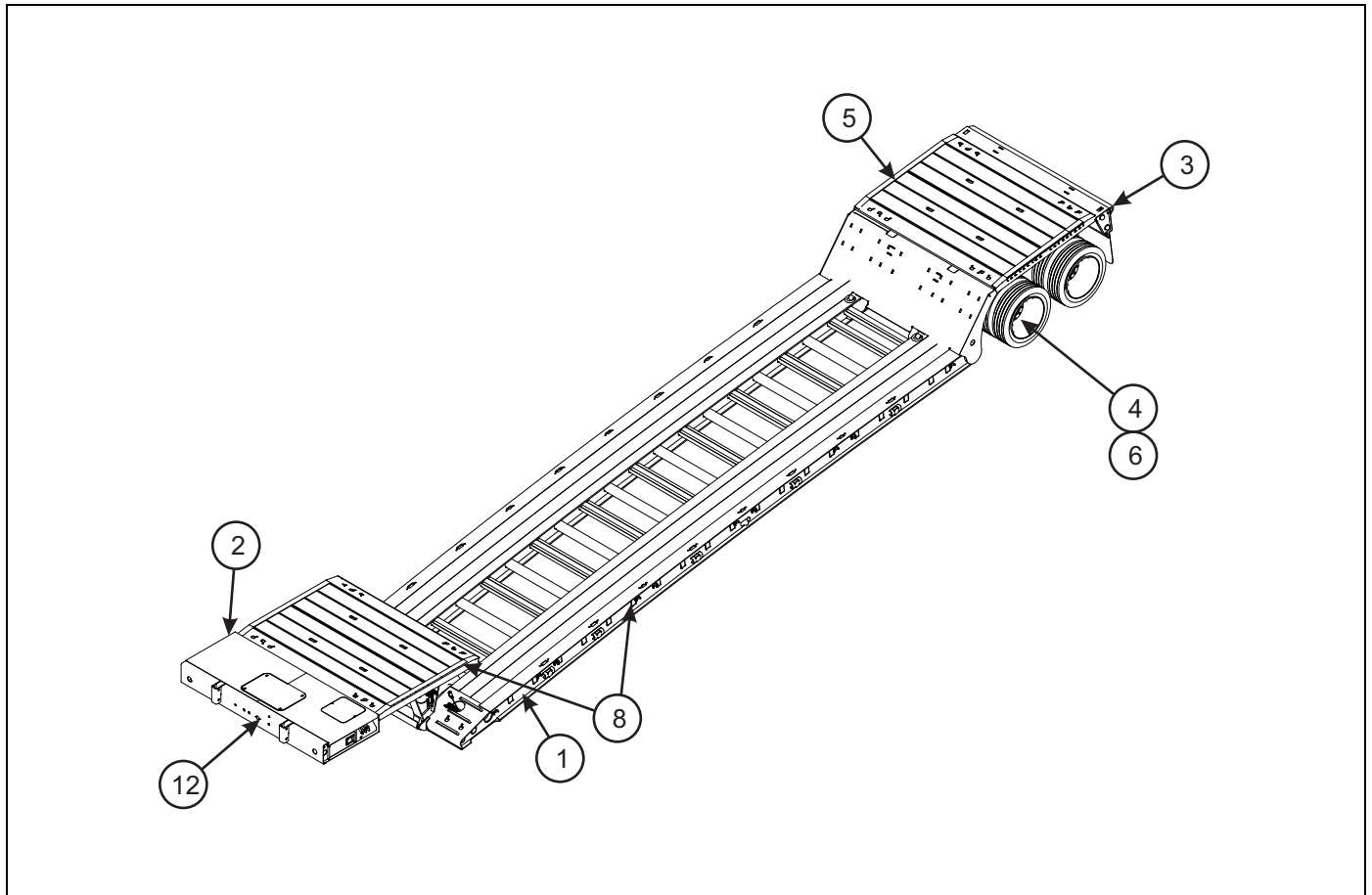


Figure 2-1: General Assembly

GENERAL ASSEMBLY

ITEM	PAGE NO.	DESCRIPTION	QTY.
1	2-2 - 2-5	DECAL INSTALLATION	
2	2-6 - 2-30	GOOSENECK ASSEMBLIES	
3	2-32 - 2-35	ELECTRICAL ASSEMBLIES	
4	2-36 - 2-55	AIR BRAKE SYSTEMS	
5	2-56 - 2-69	FRAME AND GREASE ASSEMBLIES	
6	2-70 - 2-89	FRAME SUSPENSION, AXLE, AND HUB/DRUM ASSEMBLIES	
7	2-90 - 2-107	FLIP ASSEMBLIES (NOT SHOWN)	
8	2-108 - 2-123	BED, BULKHEAD, AND PULL/SWING OUT INSTALLATIONS	
9	2-124 - 2-130	ENGINE ASSEMBLIES (NOT SHOWN)	
10	2-132 - 2-133	HYDRAULIC WET KIT ASSEMBLIES (NOT SHOWN)	
11	2-134 - 2-153	WINCH ASSEMBLIES (NOT SHOWN)	
12	2-154 - 2-181	MISCELLANEOUS OPTIONS	



ILLUSTRATED PARTS LIST

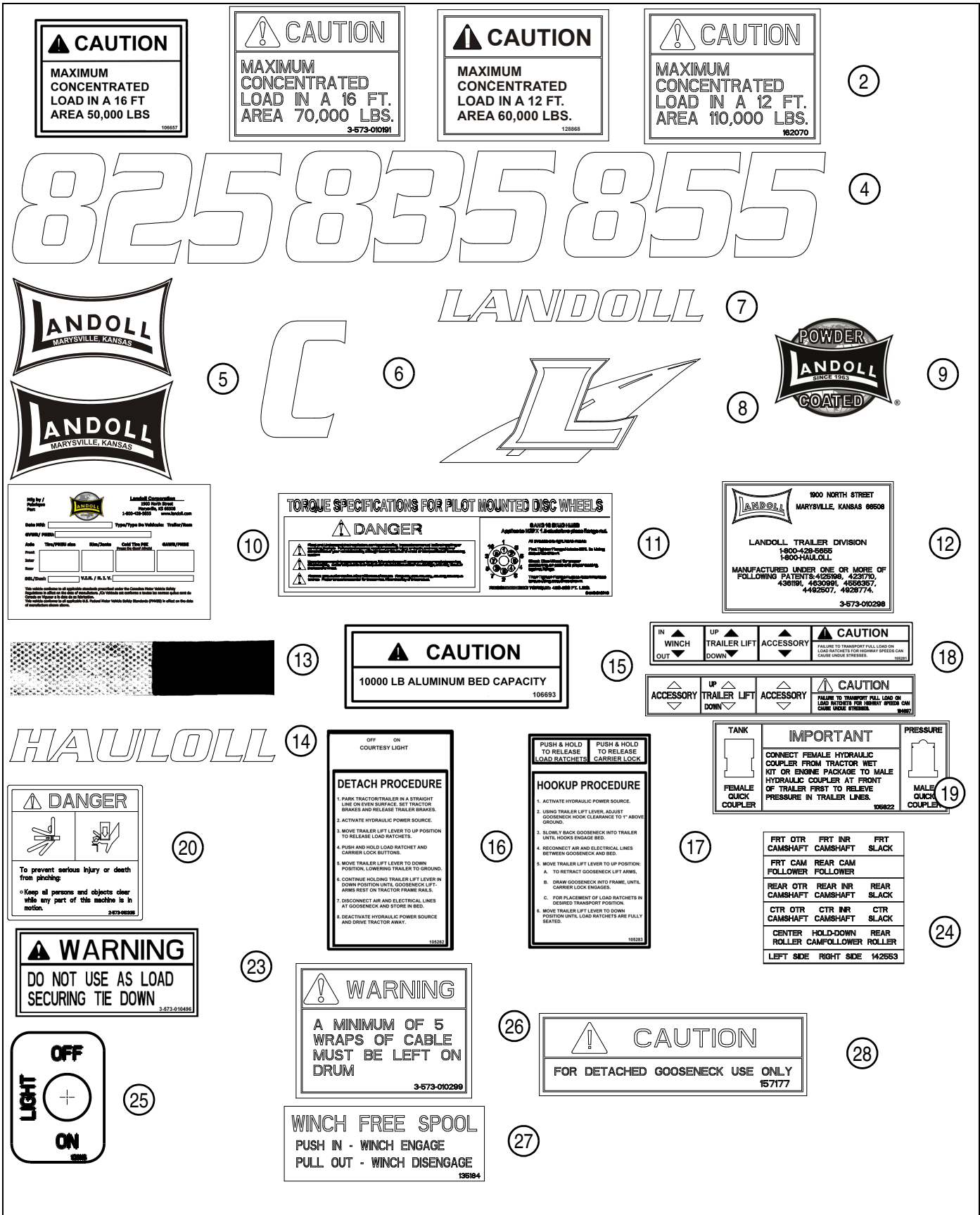
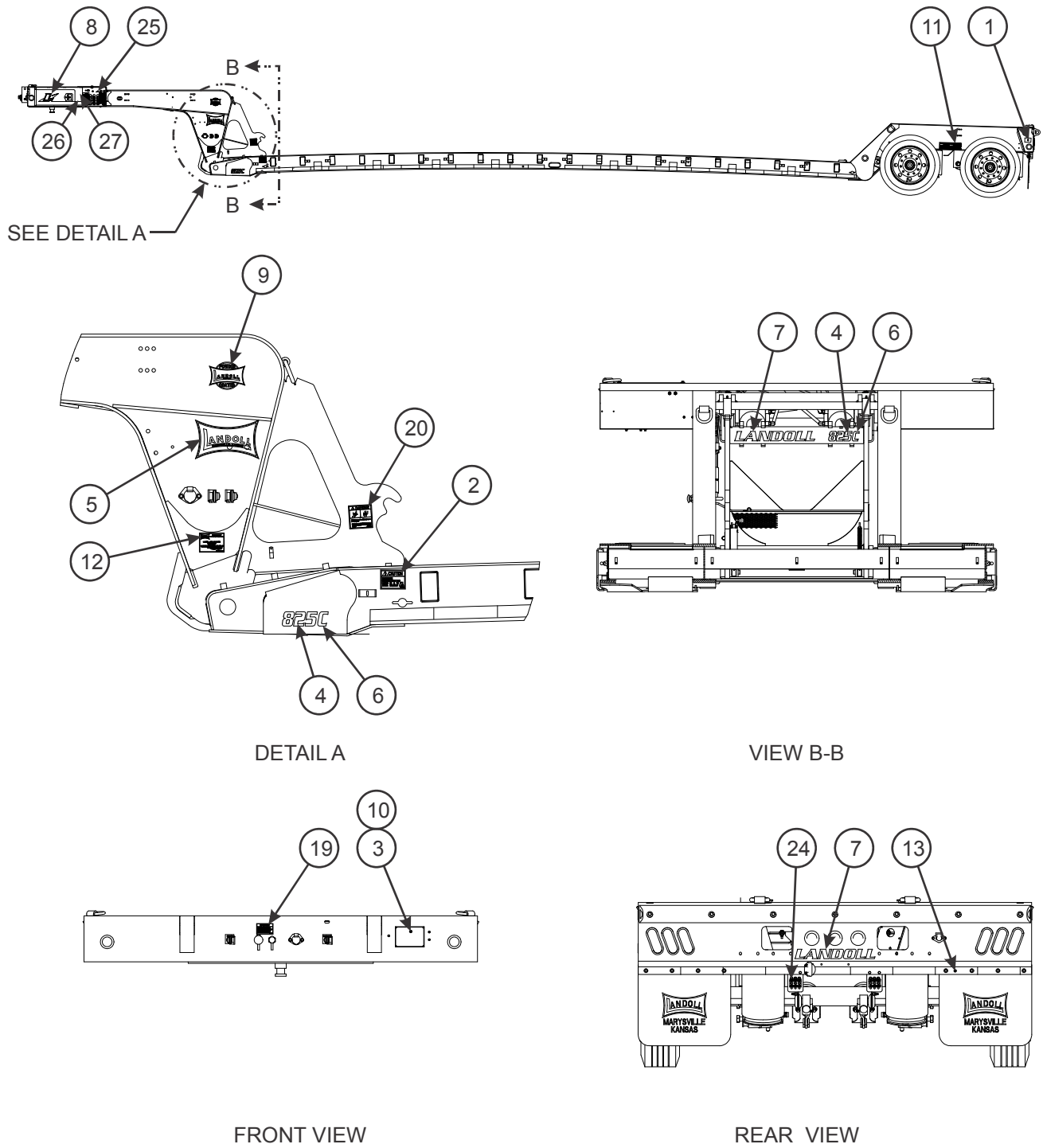


Figure 2-2: Decals



825C/835C MODELS

m155181

Figure 2-3: Decal Placement

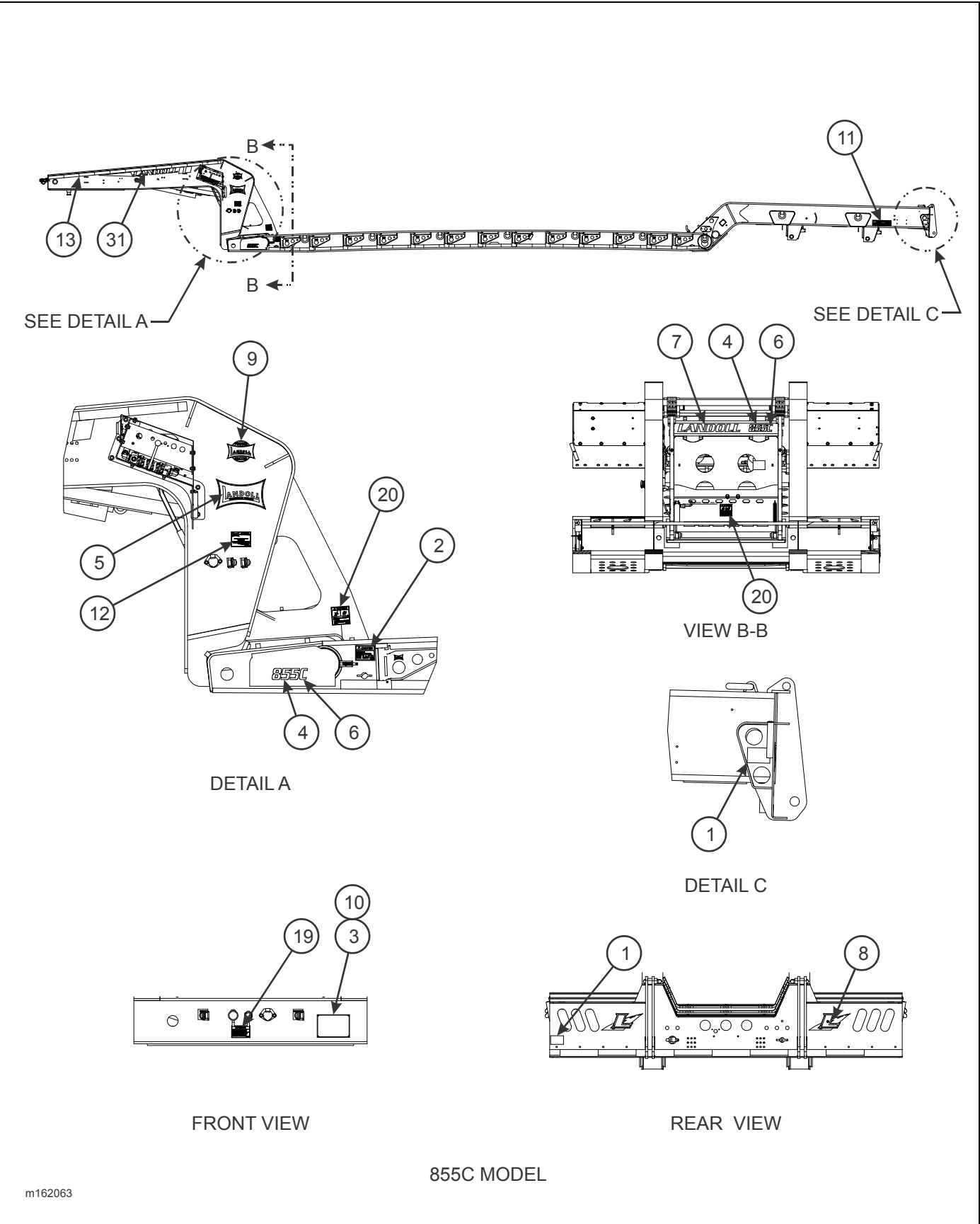


Figure 2-4: Decal Placement

DECAL PLACEMENT

ITEM	PART NO.	DESCRIPTION	QTY.
	155181	DECAL PLACEMENT 825	REF
	155186	DECAL PLACEMENT 835	REF
	162063	DECAL PLACEMENT 855	REF
1	101855	WARNING LAMP LABEL, ABS	
2	106657	DECAL, CAUTION 50K/16 FT CONC. (825C)	
	128868	DECAL, CAUTION 60K/12 FT CONC. (835C)	
	3-573-010191	DECAL, CAUTION 70K/16 FT CONC. (835C CONSTR. O/R FRAME)	
	162070	DECAL, CAUTION 110K/12 FT CONC. (855C)	
3	12420301-017	RIVET, BLIND .156 X 1/4	
4	153735	DECAL, 825 REFLECTIVE	
	153736	DECAL, 835 REFLECTIVE	
	162062	DECAL, 855 REFLECTIVE	
5	153754	DECAL, BOW TIE (WHITE/DK) REFLECTIVE	
	153755	DECAL, BOW TIE (BLACK/LT) REFLECTIVE	
6	153792	DECAL, "C" 2-1/2" REFLECTIVE	
7	153795	DECAL, LANDOLL 2-1/2" REFLECTIVE	
	155273	DECAL, LANDOLL 2-1/2" BLACK REFLECTIVE	
8	153797	DECAL, HIGHWAY L 5" REFLECTIVE	
9	153798	DECAL, POWDER COATED REFLECTIVE	
10	155780	TRAILER VIN PLATE	
11	3-573-010210	DECAL, TORQUE SPEC 8-10 STUD HUB	
12	3-573-010298	DECAL, PATENT	
13	3-573-010377	DECAL, 2" REFLEXITE TAPE RED/WHITE	
14	155274	DECAL, HAULLOLL 2-1/2" BL REFL (SEE PAGE 2-109 FOR LOCATION)	
15	186009	DECAL, 14,000 LB. ALUM BED (SEE PAGE 2-109 FOR LOCATION)	
16*	105282	DECAL, 825 DETACH PROCEDURE	
17*	105283	DECAL, 825 HOOKUP PROCEDURE	
18*	105281	DECAL, 825 CONTROLS (825C/835C)	
	164897	DECAL, 855 CONTROLS (855C)	
19	105822	DECAL, HYDRAULIC COUPLER	
20	2-573-010335	DECAL, DANGER PINCHING	
21	3-573-010378	DECAL, 2 X 12 REFL. WHITE (BULKHEAD) (NOT SHOWN)	
22	3-573-010378	DECAL, 2 X 10 REFL. WHITE (BULKHEAD) (NOT SHOWN)	
23	3-573-010496	DECAL, WARNING TIE DOWN (FLIP WELDMENT) (NOT SHOWN)	
24	142553	DECAL, GREASE TRAILER U/C	
25	130116	DECAL, ON/OFF LIGHT	
26	3-573-010299	DECAL, WARNING WINCH CABLE	
27	135184	DECAL, WINCH FREE SPOOL	
28	157177	DECAL, DETACHED G/N (SEE PAGE 2-123 FOR LOCATION)	
29	100600	DECAL, WARNING BRADEN (NOT SHOWN)	
30	153748	DECAL, TAPERED STRIPE RH REFL (NOT SHOWN)	
31	153749	DECAL, TAPERED STRIPE LH REFL	

* SEE PAGE 2-9 FOR LOCATION

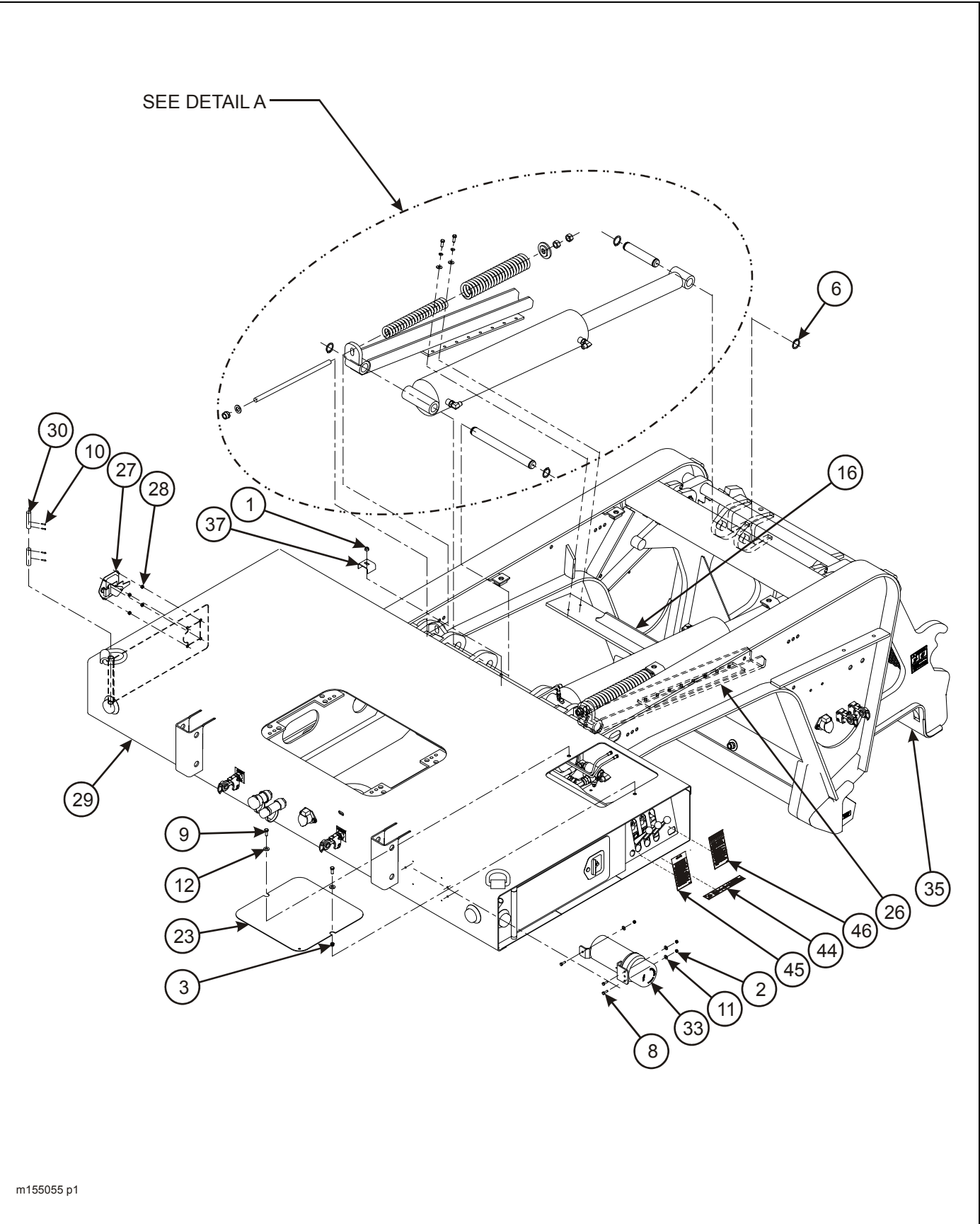
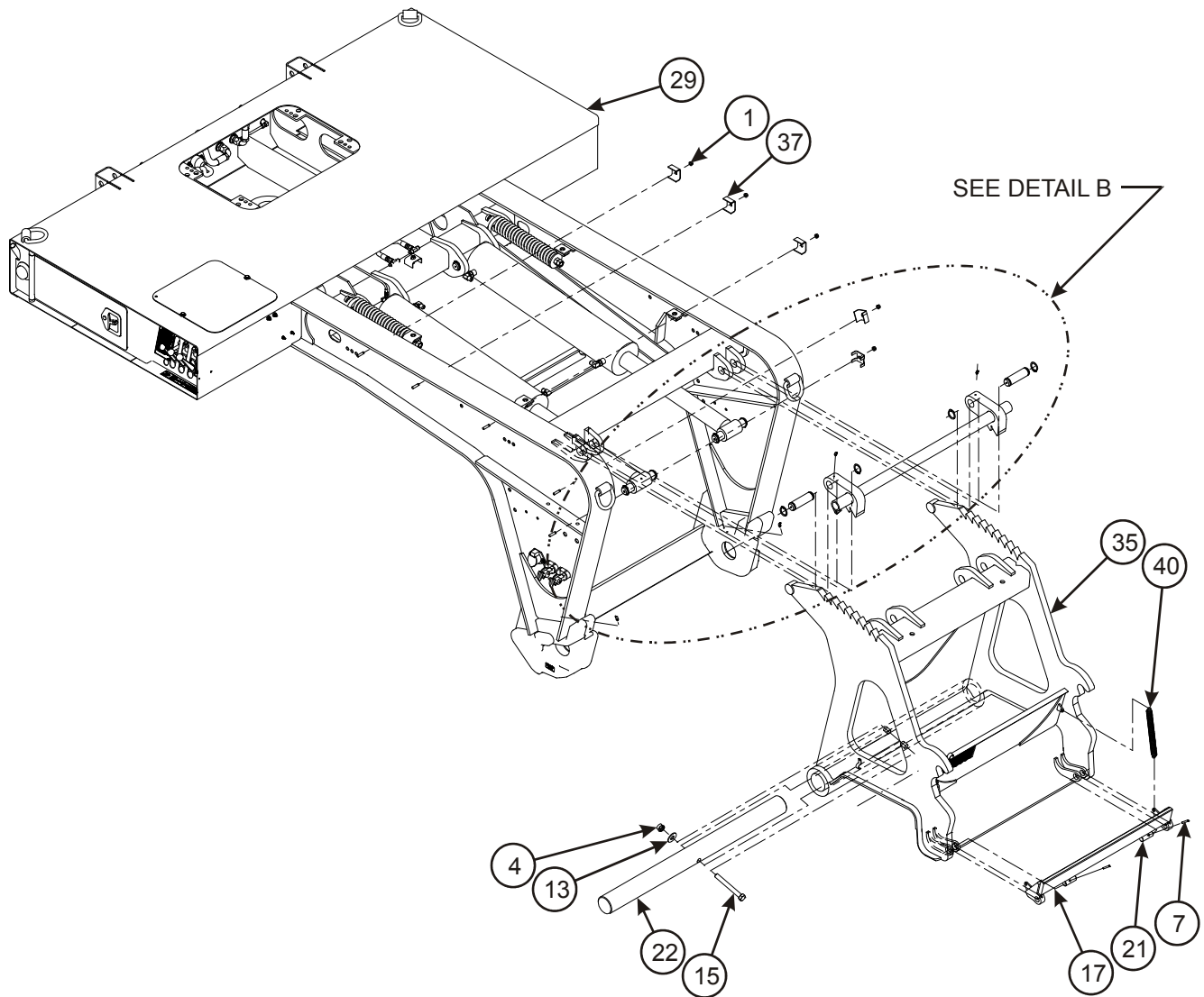


Figure 2-5: Gooseneck Assembly (825C/835C)(1 of 3)



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Figure 2-6: Gooseneck Assembly (825C/835C) (2 of 3)

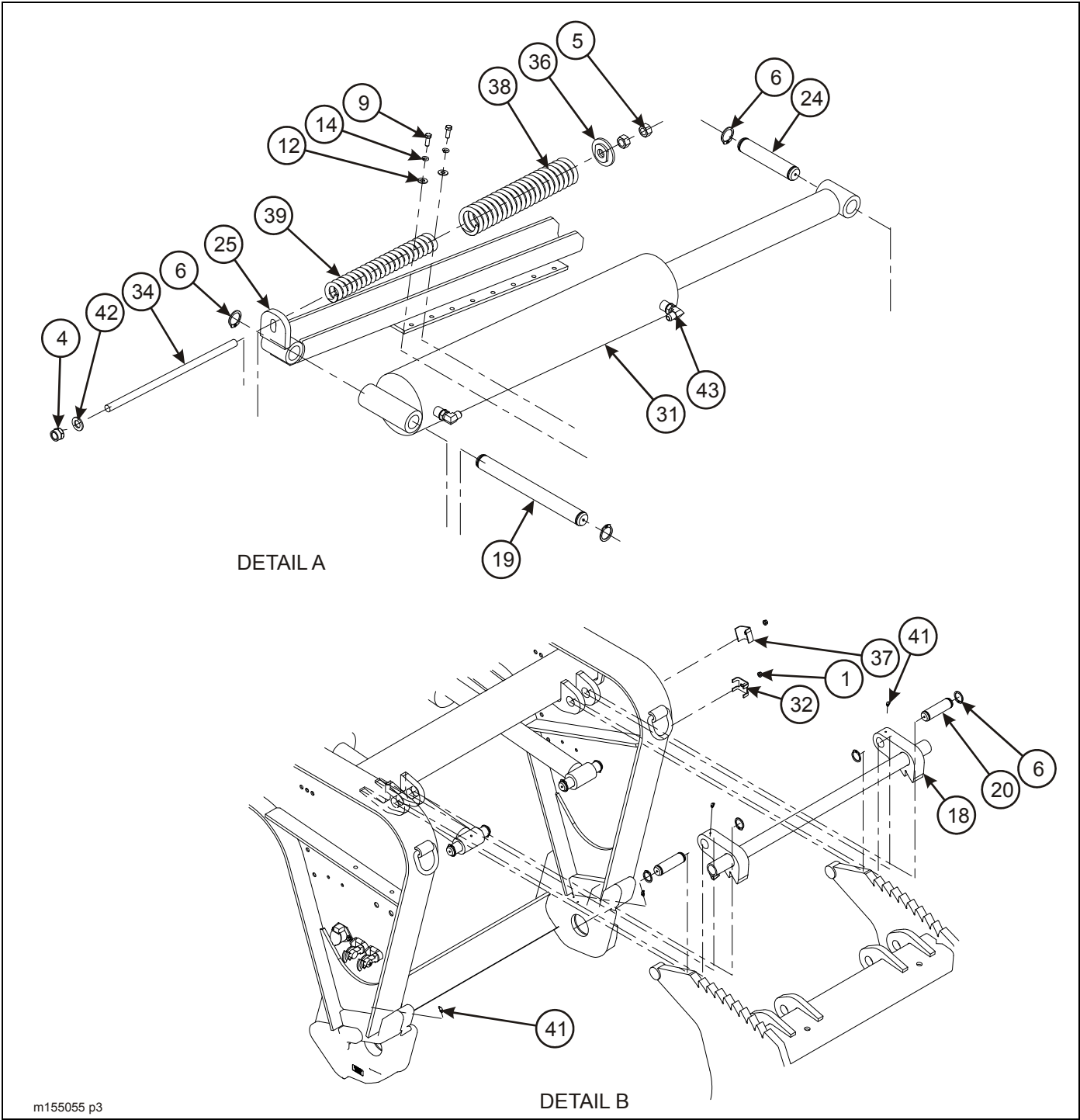


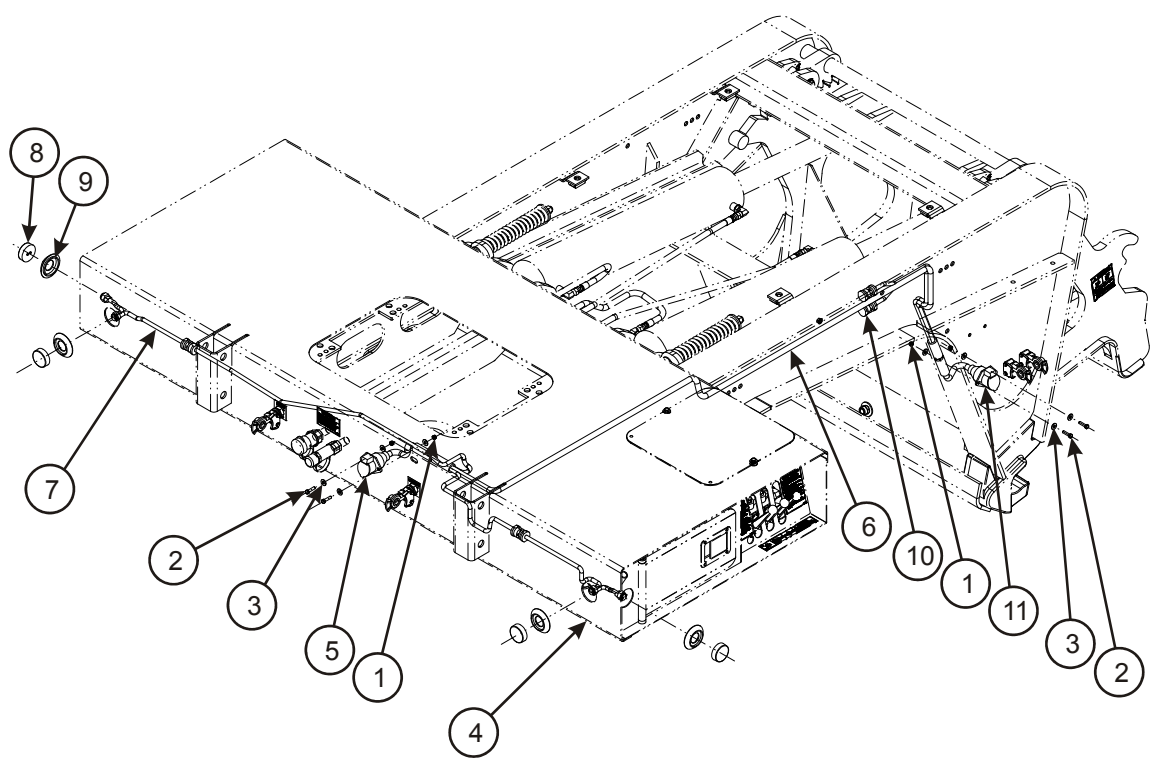
Figure 2-7: Gooseneck Assembly (825C/835C) (3 of 3)

GOOSENECK ASSEMBLY (825C/835C)

ITEM	PART NO.	DESCRIPTION	QTY.
	146899	GOOSENECK ASSEMBLY (825C)	
	155055	GOOSENECK ASSEMBLY 12' (825C/835C)	
1	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	AR
2	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	3
3	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	2

GOOSENECK ASSEMBLY (825C/835C)

ITEM	PART NO.	DESCRIPTION	QTY.
4	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	3
5	1-512-010007-12	NUT, HEX 3/4-10 GRB	4
6	1-630-010021-01	RING, RETAINING HEAVY DUTY	12
7	1-647-010004221	ROLL PIN, SLOTTED 1/4 X 2	2
8	1-654-010047-05	SCREW, HEX HEAD CAP 1/4-20 X 7/8 GR5	3
9	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	4
10	1-654-010147-06	SCREW, RD HEAD SELF TAPPING #6-20 X 3/4	8
11	1-861-010032-07	WASHER, FLAT 1/4W	3
12	1-861-010032-11	WASHER, FLAT 3/8W	6
13	1-861-010032-21	WASHER, FLAT 3/4W	1
14	1-861-010034-11	WASHER, SPLIT LOCK 3/8	4
15	100855	SCREW, HEX HEAD CAP 3/4-10 X 6-1/2 GR5	1
16	105209	BAR, LIFT ARM CONNECTION	1
17	105237	LATCH, WELDMENT G/N LOWER	1
18	105239	LATCH, WELDMENT G/N UPPER	1
19	105241	PIN, 1-1/2 X 15	2
20	105242	PIN, 1-1/2 X 5-1/4	2
21	105243	PIN, LOWER G/N LATCH	2
22	105245	PIN, G/N TO CARRIER	1
23	105257	COVER, TOOLBOX	1
24	105272	PIN, 1-1/2 X 7-3/4	2
25	105285	WELDMENT, RH CHANNEL, LIFT G/N	1
26	106943	WELDMENT, LH CHANNEL LIFT G/N	1
27	114814	LATCH, FOLDING T LOCKABLE	2
28	115877	NUT, HEAVY HEX 1/4-20 GR5	8
29	131900	GOOSENECK WELDMENT 10'-7" (825C)	1
	155056	GOOSENECK WELDMENT 12' (825C & 835C)	1
30	135181	BUSHING, NYLATRON TOOLBOX	4
31	138711	CYLINDER, HYDRAULIC 6 X 30 (SEE PAGE 2-29)	2
32	138814	HOSE CLAMP, NOTCHED	1
33	150076	MANUAL HOLDER	1
34	153018	SPRING ROD, G/N LIFTARM	2
35	155061	CARRIER WELDMENT	1
36	156430	SPRING CAP WELDMENT	2
37	2-181-010001	CLAMP	5
38	2-720-010006	OUTER SPRING	2
39	2-720-010007	INNER SPRING	2
40	3-720-010075	SPRING EXTENSION 7/8 X 6	1
41	5210	FITTING, GREASE 1/4-28 X 45	*8,4
42	622-3511-008	WASHER, FLAT 3/4 MIL-CARB	2
43	2062-10-8S	ADAPTER, 90	4
44	105281	DECAL, 825 CONTROLS	1
45	105282	DECAL, 825 DETACH PROCEDURE	1
46	105283	DECAL, 825 HOOKUP PROCEDURE	1



m146899 gn elect assy

Figure 2-8: Gooseneck Electrical System

GOOSENECK ELECTRICAL SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	4
2	1-654-010049-06	SCREW, HEX HEAD CAP 5/16-18 X 1-1/4 GR5	4
3	1-861-010032-09	WASHER, FLAT 5/16W	4
4	-----	GOOSENECK WELDMENT	REF
5	143100	HARNESS, 7 WAY RECEPTACLE	1
6	143101	HARNESS, FRONT MAIN	1
7	143105	HARNESS, MARKER FRONT CORNER (825C/835C)	2
8	143109	LIGHT, YELLOW LED 2.5 CL/MARKER	4
9	143110	GROMMET, 2.5 SURFACE MOUNT	4
10	143121	DUMMY PLUG MALE/FEM BULLET	REF
11	146897	HARNESS, 7 WAY RECP REAR GROTE	1

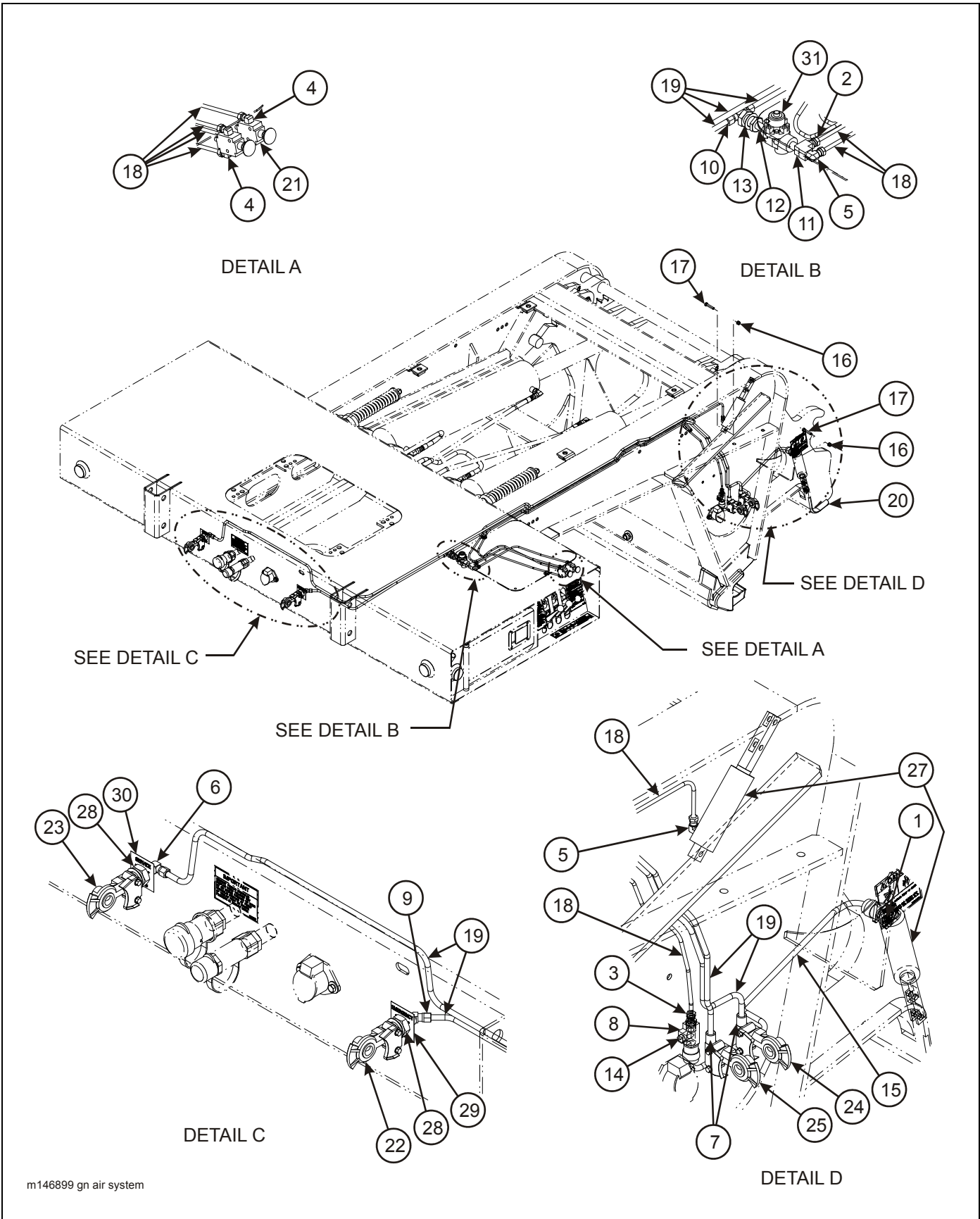


Figure 2-9: Gooseneck Air System (825C/835C)

GOOSENECK AIR SYSTEM (825C/835C)

ITEM	PART NO.	DESCRIPTION	QTY.
	146899	GOOSENECK ASSEMBLY (825C)	
	155055	GOOSENECK ASSEMBLY 12' (825C/835C)	
1	1-297-010004-04	FITTING, BRASS PIPE ADAPTER	1
2	1-297-010007-05	FITTING, AIR	1
3	1-297-010007-06	FITTING, AIR	1
4	1-297-010008-05	FITTING, AIR 90	4
5	1-297-010008-07	FITTING, AIR 90	2
6	1-297-010008-18	FITTING, AIR 90	1
7	1-297-010008-20	FITTING, AIR 90	2
8	1-297-010009-03	FITTING, AIR PIPE TEE	1
9	1-297-010013-11	FITTING, AIR 45 EL	1
10	1-297-010015-06	FITTING, AIR, BRASS TEE	1
11	1-297-010018-02	FITTING, BRASS PIPE ST TEE	1
12	1-297-010020-02	FITTING, AIR ANCHOR CL NIP	1
13	1-297-010022-02	FITTING, AIR ANCHOR COUPLING	1
14	1-297-010033-03	FITTING, BRASS PLUG HEX	1
15	1-384-010038056	HOSE, AIR 3/8 X 56	1
16	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	2
17	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	2
18	1-833-010001	TUBING, NYLON 1/4	AR
19	1-833-010002	TUBING, NYLON 3/8	AR
20	160396	CARRIER WELDMENT	REF
21	107887	VALVE, AIR PUSH BUTTON	2
22	108801	GLAD HAND, RED AIR	1
23	108802	GLAD HAND, BLUE AIR	1
24	117838	GLAD HAND W/ SHUTOFF EMERGENCY	1
25	117839	GLAD HAND W/ SHUTOFF SERVICE	1
26	-----	GOOSENECK WELDMENT	REF
27	3-238-010007	CYLINDER, AIR 1-3/4 BORE	2
28	55B61	FRAME UNION	2
29	55B61-6	TAG EMERGENCY LINE	1
30	55B61-7	TAG SERVICE LINE	1
31	905-54-107	BRAKE PROTECTION VALVE	1

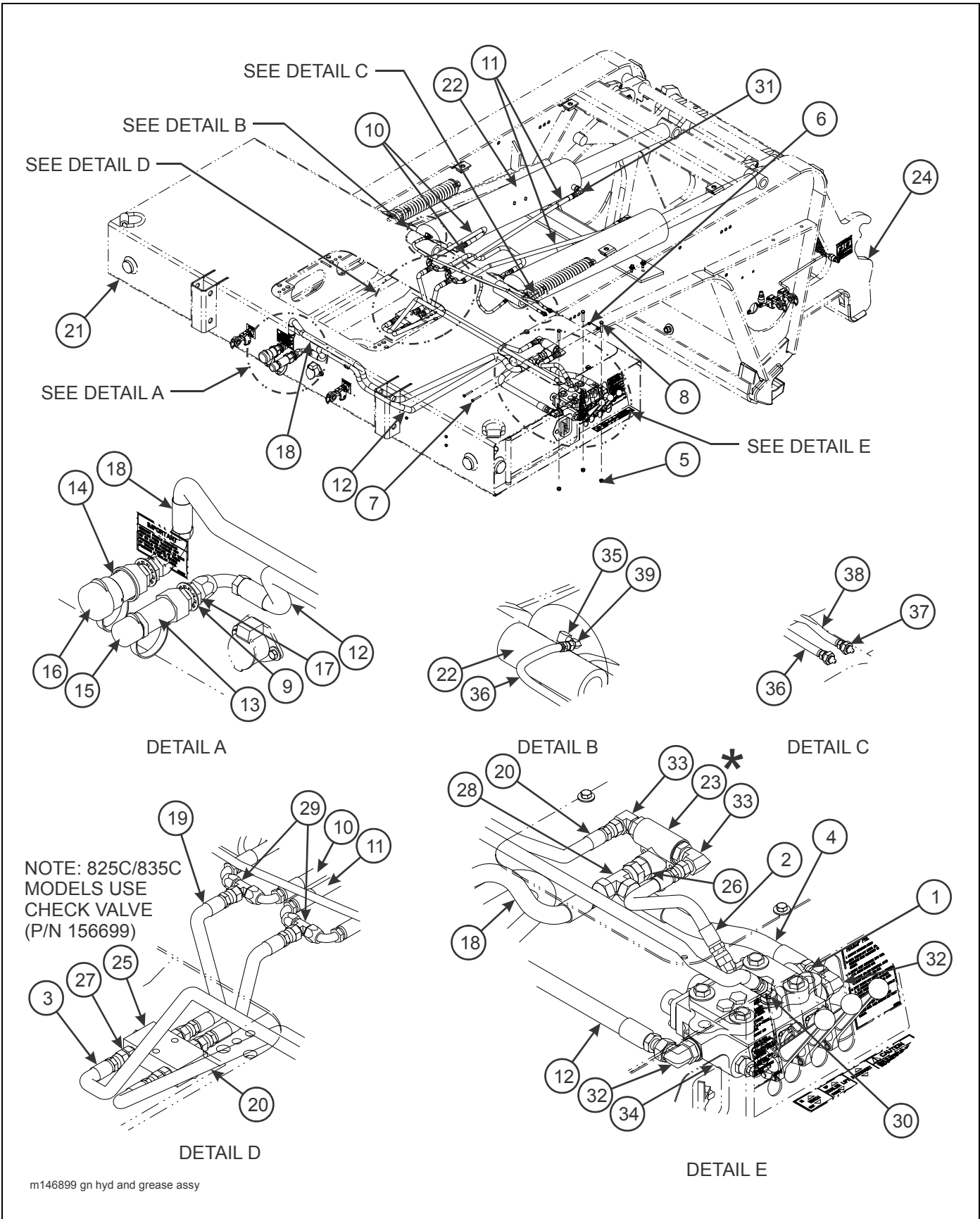


Figure 2-10: Gooseneck Hydraulic and Grease System (825C)

GOOSENECK HYDRAULIC AND GREASE SYSTEM (825C)

ITEM	PART NO.	DESCRIPTION	QTY.
	146899	GOOSENECK ASSEMBLY	
1	1-007-010025	PLUG, O-RING 3/4-16	4
2	1-397-010301024	HOSE ASSEMBLY 1/2 X 24	1
3	1-397-010301051	HOSE ASSEMBLY 1/2 X 51	1
4	1-397-010304025	HOSE ASSEMBLY 3/4 X 25	1
5	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	3
6	1-512-010005-01	NUT, HEX LOCK 1/4-20	2
7	1-654-010047-10	SCREW, HEX HEAD CAP 1/4-20 X 2 GR5	2
8	1-654-010051-09	SCREW, HEX HEAD CAP 3/8-16 X 2 GR5	3
9	1-861-010059-21	WASHER, LOCKING INT TOOTH 1-1/8	2
10	105274	HOSE ASSEMBLY 1/2 X 34	2
11	105275	HOSE ASSEMBLY 1/2 X 45	3
12	105277	HOSE ASSEMBLY 3/4 X 78	1
13	105479	COUPLER, FLAT FACE MALE NOSE	1
14	105480	COUPLER, FLAT FACE FEMALE BODY	1
15	105481	COUPLER, DUST CAP MALE	1
16	105482	COUPLER, DUST CAP FEMALE	1
17	105483	ADAPTER, BULKHEAD	2
18	109166	HOSE ASSEMBLY, 3/4 X 60	1
19	123967	HOSE ASSEMBLY, 1/2 X 10	2
20	125872	HOSE ASSEMBLY, 1/2 X 54	1
21	131900	GOOSENECK WELDMENT	REF
22	138711	CYLINDER, HYDRAULIC 6 X 30 (SEE PAGE 2-29)	2
23	*138712	VALVE, HYDRAULIC PRESSURE RELIEF 1500	1
24	155061	CARRIER WELDMENT	REF
25	156699	VALVE, DOUBLE CHECK SEALED PILOT	1
26	202702-12-12S	ADAPTER, STR	1
27	202702-8-8S	ADAPTER, STR	1
28	203102-12-12S	ADAPTER TEE SWIVEL	1
29	2033-8-8S	ADAPTER TEE	2
30	2061-8-8S	ADAPTER, 45	2
31	2062-10-8S	ADAPTER, 90	4
32	2062-12-12S	ADAPTER, 90	2
33	2062-12-8S	ADAPTER, 90	2
34	3-846-010159	VALVE, 3 SPOOL 2500 PSI (SEE PAGE 2-27)	1
35	101528	ELBOW, BRASS PIPE	2
36	142441	HOSE ASSEMBLY, GREASE 1/4 X 45	1
37	142545	NUT, HEX JAM 7/16-20 GR2	2
38	146924	HOSE ASSEMBLY, GREASE 1/4 X 36	1
39	2024-2-4S	ADAPTER, ELBOW	2

*SET AT 500 PSI TO PREVENT LIFT ARM FROM OVERLOADING REAR SUPPORT X-MEMBER OR TRACTOR

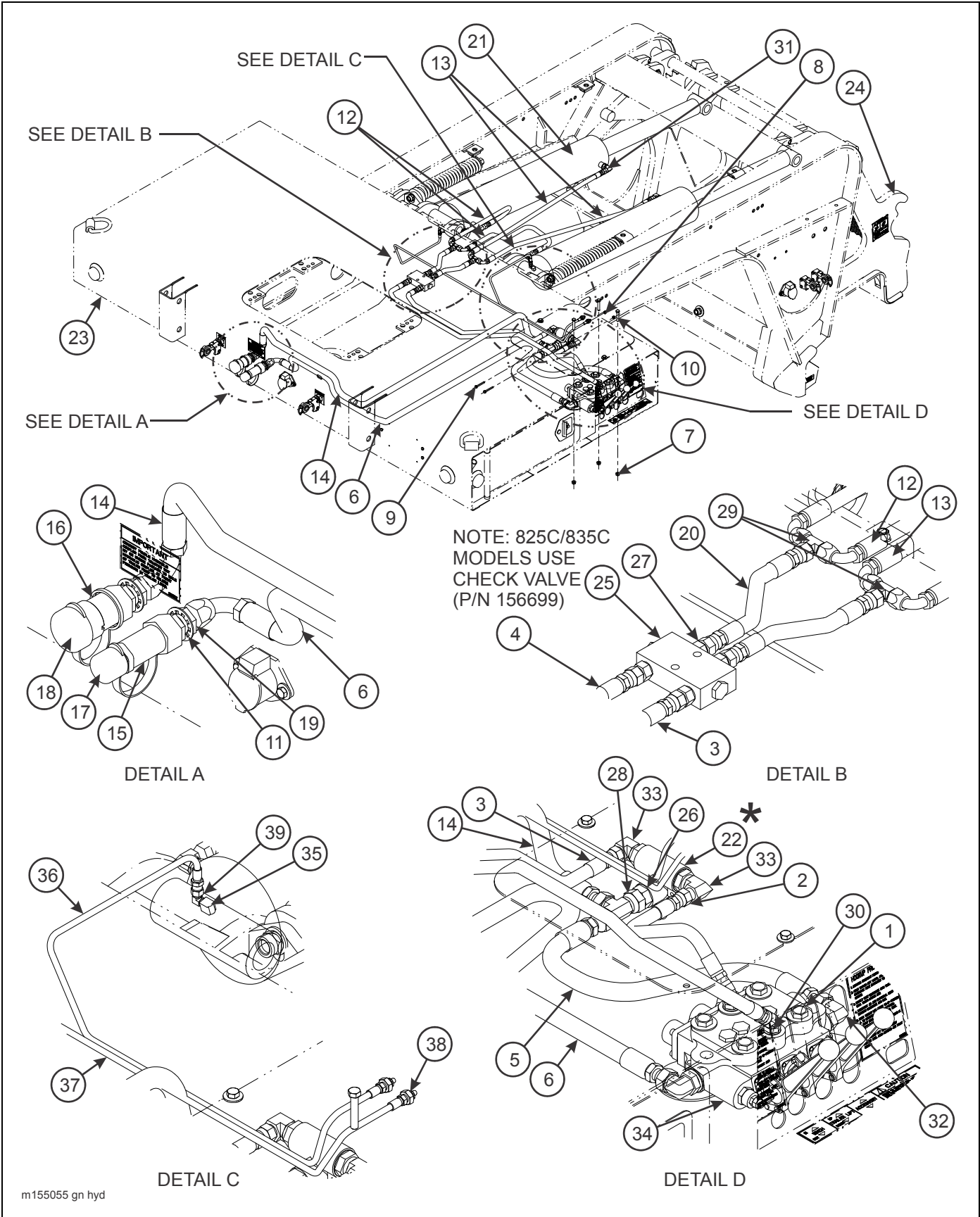


Figure 2-11: Gooseneck Hydraulic and Grease System (835C)

GOOSENECK HYDRAULIC AND GREASE SYSTEM (835C)

ITEM	PART NO.	DESCRIPTION	QTY.
	155055	GOOSENECK ASSEMBLY	
1	1-007-010025	PLUG, O-RING 3/4-16	4
2	1-397-010301024	HOSE ASSEMBLY 1/2 X 24	1
3	1-397-010301051	HOSE ASSEMBLY 1/2 X 51	1
4	1-397-010301054	HOSE ASSEMBLY 1/2 X 54	1
5	1-397-010304025	HOSE ASSEMBLY 3/4 X 25	1
6	1-397-0100305088	HOSE ASSEMBLY 3/4 X 88	1
7	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	3
8	1-512-010005-01	NUT, HEX LOCK 1/4-20	2
9	1-654-010047-10	SCREW, HEX HEAD CAP 1/4-20 X 2 GR5	2
10	1-654-010051-09	SCREW, HEX HEAD CAP 3/8-16 X 2 GR5	3
11	1-861-010059-21	WASHER, LOCKING INT TOOTH 1-1/8	2
12	105274	HOSE ASSEMBLY 1/2 X 34	2
13	105275	HOSE ASSEMBLY 1/2 X 45	3
14	105277	HOSE ASSEMBLY 3/4 X 78	1
15	105479	COUPLER, FLAT FACE MALE NOSE	1
16	105480	COUPLER, FLAT FACE FEMALE BODY	1
17	105481	COUPLER, DUST CAP MALE	1
18	105482	COUPLER, DUST CAP FEMALE	1
19	105483	ADAPTER, BULKHEAD	2
20	123967	HOSE ASSEMBLY, 1/2 X 10	2
21	138711	CYLINDER, HYDRAULIC 6 X 30 (SEE PAGE 2-29)	REF
22	*138712	VALVE, HYDRAULIC PRESSURE RELIEF 1500	1
23	155056	GOOSENECK WELDMENT	REF
24	155061	CARRIER WELDMENT	REF
25	156699	VALVE, DOUBLE CHECK SEALED PILOT	1
26	202702-12-12S	ADAPTER, STR	1
27	202702-8-8S	ADAPTER, STR	4
28	203102-12-12S	ADAPTER TEE SWIVEL	1
29	2033-8-8S	ADAPTER TEE	2
30	2061-8-8S	ADAPTER, 45	2
31	2062-10-8S	ADAPTER, 90	4
32	2062-12-12S	ADAPTER, 90	2
33	2062-12-8S	ADAPTER, 90	2
34	3-846-010159	VALVE, 3 SPOOL 2500 PSI (SEE PAGE 2-27)	1
35	101528	ELBOW, BRASS PIPE	2
36	142441	HOSE ASSEMBLY, GREASE 1/4 X 45	1
37	142465	HOSE ASSEMBLY, GREASE 1/4 X 67	1
38	142545	NUT, HEX JAM 7/16-20 GR2	2
39	2024-2-4S	ADAPTER, ELBOW	2

*SET AT 500 PSI TO PREVENT LIFT ARM FROM OVERLOADING REAR SUPPORT X-MEMBER OR TRACTOR

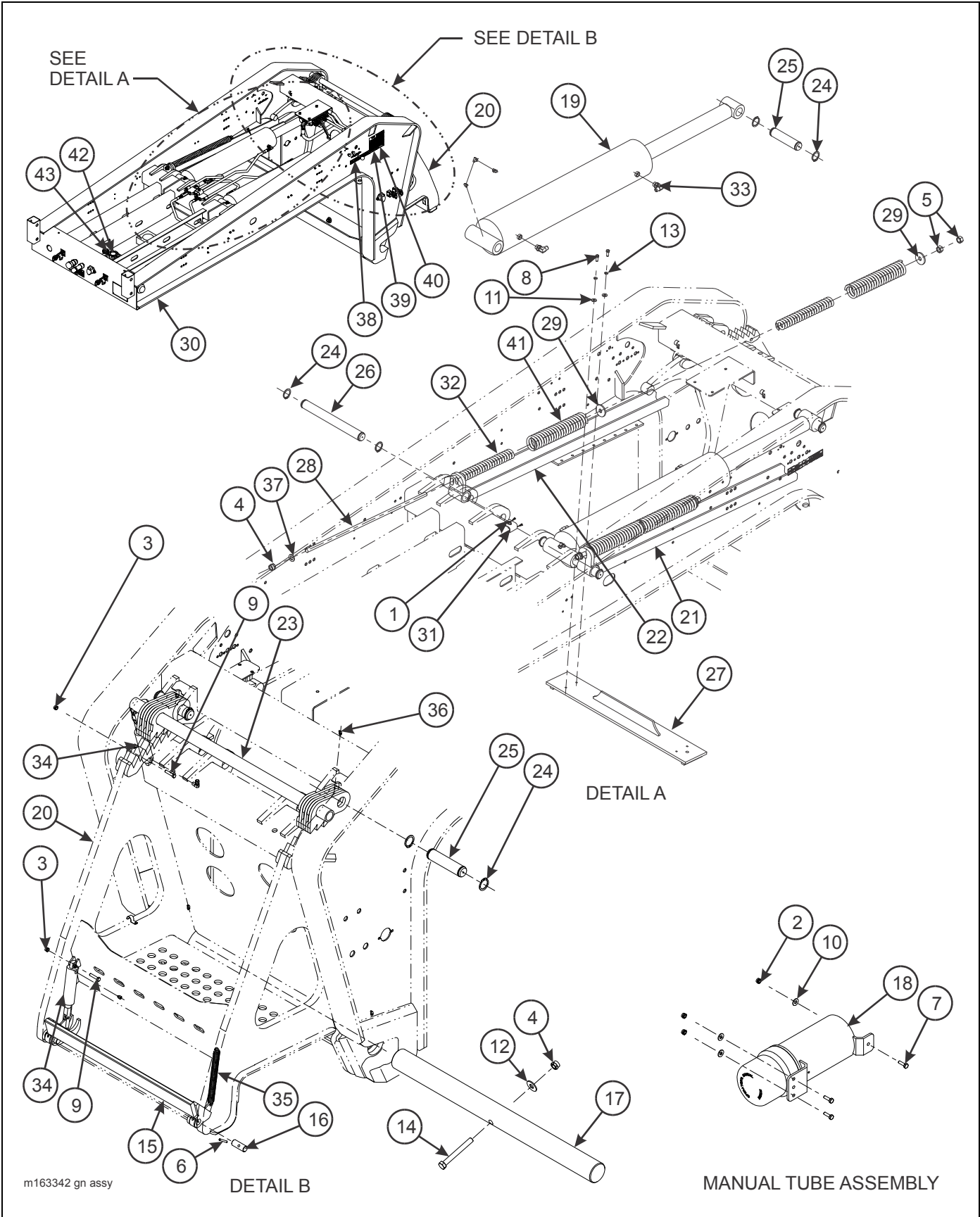


Figure 2-12: Gooseneck Assembly (855C)

GOOSENECK ASSEMBLY (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
	163342	GOOSENECK ASSEMBLY, 12'-5" (855C)	
	163616	GOOSENECK ASSEMBLY, 10'-9" (855C)	
1	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	AR
2	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
3	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	3
4	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	3
5	1-512-010007-12	NUT, HEX 3/4-10 GRB	4
6	1-647-010004221	ROLL PIN, SLOTTED 1/4 X 2	2
7	1-654-010047-05	SCREW, HEX HEAD CAP 1/4-20 X 7/8 GR5	3
8	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	5
9	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	2
10	1-861-010032-07	WASHER, FLAT 1/4W	5
11	1-861-010032-11	WASHER, FLAT 3/8W	5
12	1-861-010032-21	WASHER, FLAT 3/4W	1
13	1-861-010034-11	WASHER, SPLIT LOCK 3/8	4
14	100855	SCREW, HEX HEAD CAP 3/4-10 X 6-1/2 GR5	1
15	105237	LATCH, WELDMENT G/N LOWER	1
16	105243	PIN, LOWER G/N LATCH	2
17	105245	PIN, G/N TO CARRIER	1
18	150076	MANUAL HOLDER	1
19	160366	CYLINDER, HYDRAULIC 7 X 34 (SEE PAGE 2-30 OR 2-31)	2
20	160396	CARRIER WELDMENT	1
21	161165	LIFT G/N WELDMENT, LH CHANNEL	1
22	161168	LIFT G/N WELDMENT, RH CHANNEL	1
23	161172	UPPER LATCH WELDMENT	1
24	162037	RETAINING RING, 1-3/4	12
25	162038	PIN, 1-3/4 X 7-1/2	4
26	162039	PIN, 1-3/4 X 16-1/2	2
27	162056	BAR WELDMENT, LIFT ARM	1
28	162788	SPRING ROD, G/N LIFT ARM	2
29	106945	WASHER, G/N LIFT	4
30	163343	GOOSENECK WELDMENT 13'	1
	163617	GOOSENECK WELDMENT 11-1/2'	1
31	2-181-010001	CLAMP (NOT SHOWN)	AR
32	2-720-010007	INNER SPRING	4
33	2062-10-8S	ADAPTER, 90	4
34	3-238-010007	CYLINDER, AIR 1-3/4	REF
35	3-720-010075	SPRING EXTENSION 7/8 X 6	1
36	5210	FITTING, GREASE 1/4-28 X 45	4
37	622-3511-008	WASHER, FLAT 3/4 MIL-CARB	2
38	164897	DECAL, 855 CONTROLS	1
39	105282	DECAL, 825 DETACH PROCEDURE	1
40	105283	DECAL, 825 HOOKUP PROCEDURE	1
41	2-720-010006	OUTER SPRING	4
42	169372	KINGPIN WELDMENT, DROP-IN 2"	1
43	516-22PTL	RETAINING PIN, MUD FLAP	2

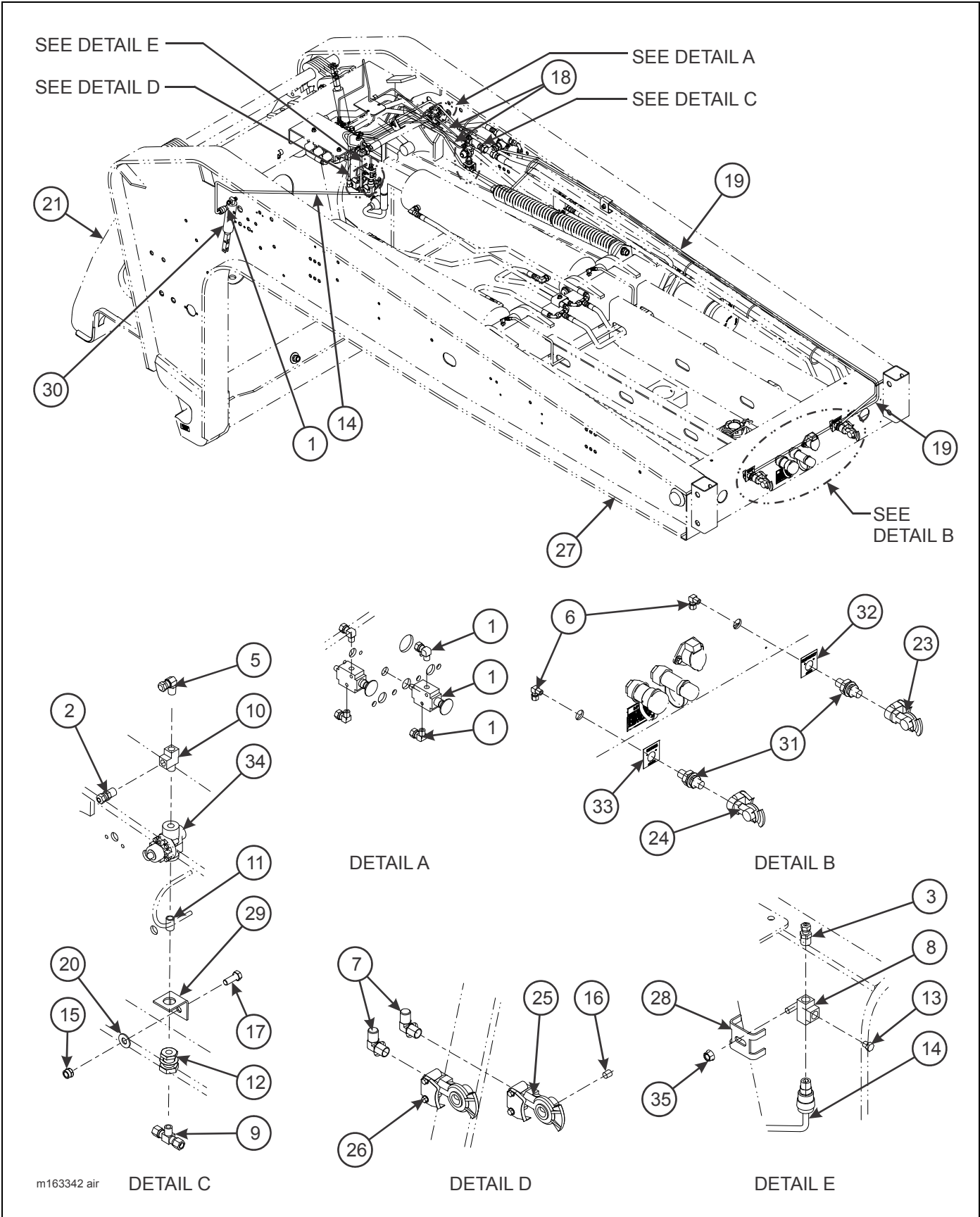


Figure 2-13: Gooseneck Air System (855C)

GOOSENECK AIR SYSTEM (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
	163342	GOOSENECK ASSEMBLY, 12'-5" (855C)	
	163616	GOOSENECK ASSEMBLY, 10'-9" (855C)	
1	1-297-010004-04	FITTING, BRASS PIPE ADAPTER	1
2	1-297-010007-05	FITTING, AIR	1
3	1-297-010007-06	FITTING, AIR	1
4	1-297-010008-05	FITTING, AIR 90	4
5	1-297-010008-07	FITTING, AIR 90	2
6	1-297-010008-18	FITTING, AIR 90	1
7	1-297-010008-20	FITTING, AIR 90	2
8	1-297-010009-03	FITTING, AIR PIPE TEE	1
9	1-297-010015-06	FITTING, AIR, BRASS TEE	1
10	1-297-010018-02	FITTING, BRASS PIPE ST TEE	1
11	1-297-010020-02	FITTING, AIR ANCHOR CL NIP	1
12	1-297-010022-02	FITTING, AIR ANCHOR COUPLING	1
13	1-297-010033-03	FITTING, BRASS PLUG HEX	1
14	1-384-010038056	HOSE, AIR 3/8 X 56	1
15	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	1
16	1-560-010002-02	PLUG, PIPE 1/4	1
17	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	1
18	1-833-010001	TUBING, NYLON 1/4	AR
19	1-833-010002	TUBING, NYLON 3/8	AR
20	1-861-010032-11	WASHER, FLAT 3/8W	1
21	160396	CARRIER WELDMENT	REF
22	107887	VALVE, AIR PUSH BUTTON	2
23	108801	GLAD HAND, RED AIR	1
24	108802	GLAD HAND, BLUE AIR	1
25	117838	GLAD HAND W/ SHUTOFF EMERGENCY	1
26	117839	GLAD HAND W/ SHUTOFF SERVICE	1
27	-----	GOOSENECK WELDMENT	REF
28	138814	HOSE CLAMP, NOTCHED	1
29	3-120-010445	BRACKET, PRESSURE REGULATOR	1
30	3-238-010007	CYLINDER, AIR 1-3/4 BORE	2
31	55B61	FRAME UNION	2
32	55B61-6	TAG EMERGENCY LINE	1
33	55B61-7	TAG SERVICE LINE	1
34	905-54-107	BRAKE PROTECTION VALVE	1

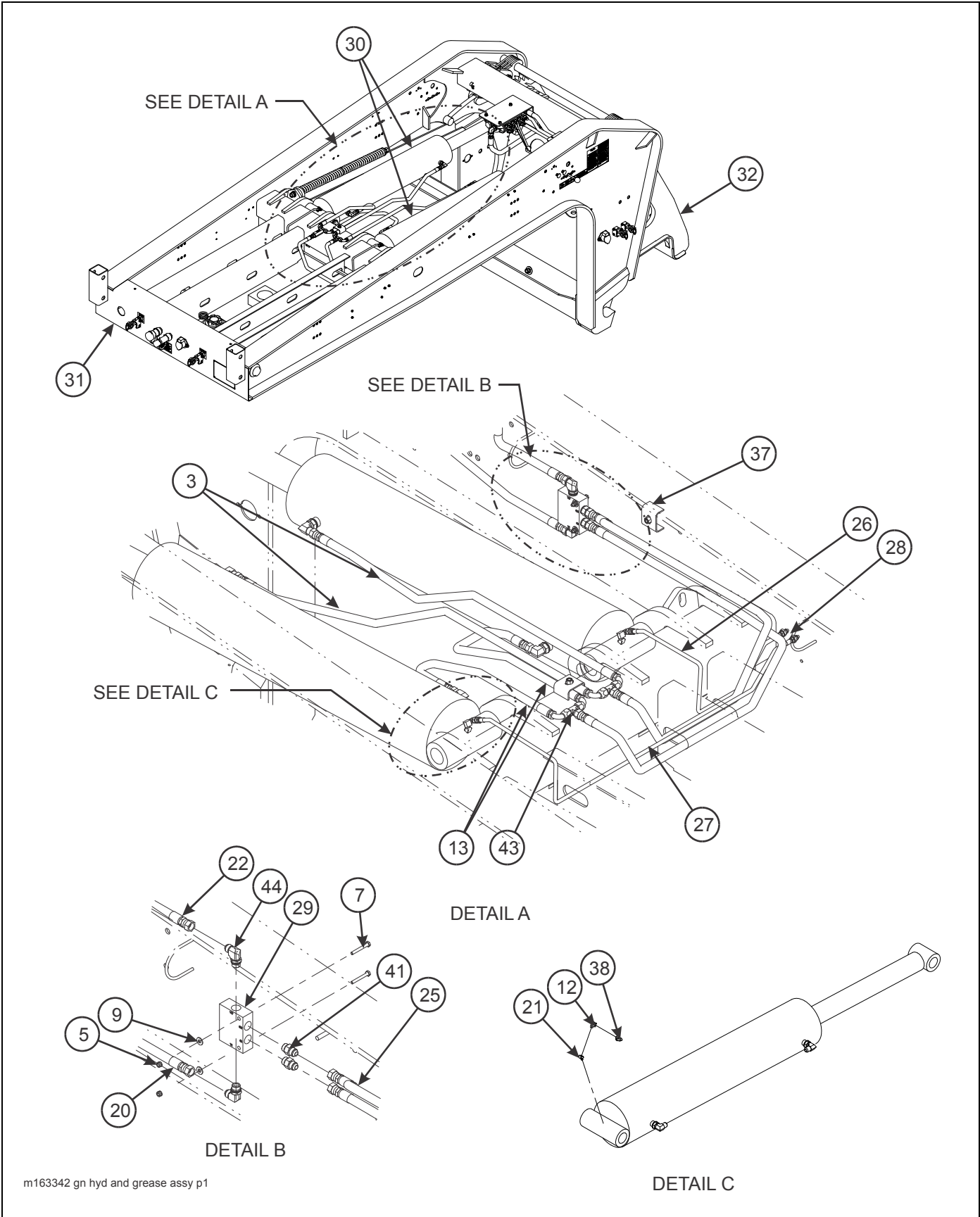


Figure 2-14: Gooseneck Hydraulic and Grease System (855C) (1 of 2)

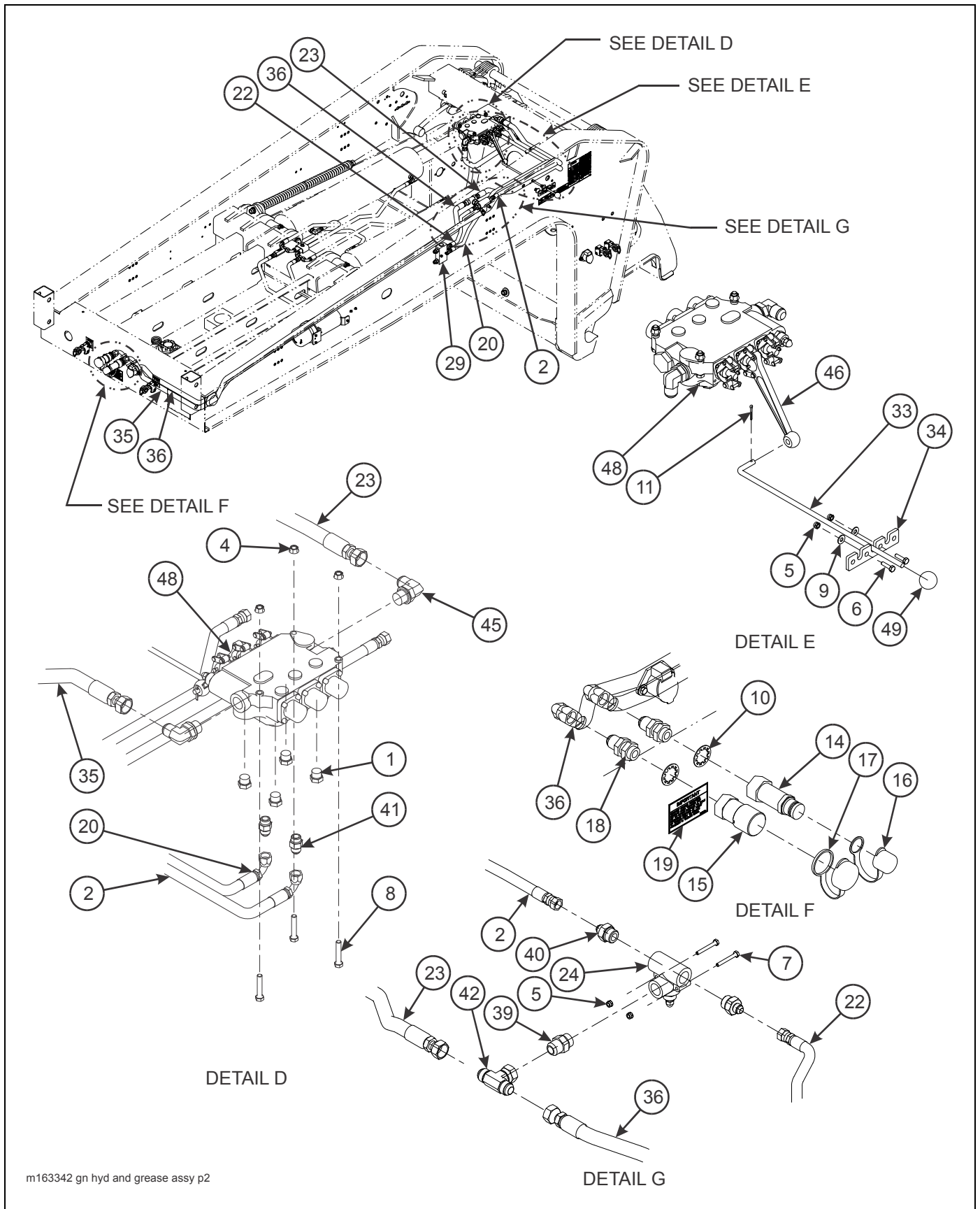


Figure 2-15: Gooseneck Hydraulic and Grease System (855C) (2 of 2)

GOOSENECK HYDRAULIC AND GREASE SYSTEM (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
	163342	GOOSENECK ASSEMBLY, 12'-5" (855C)	
	163616	GOOSENECK ASSEMBLY, 10'-9" (855C)	
1	1-007-010025	PLUG, O-RING 3/4-16	4
2	1413916	HOSE ASSEMBLY 1/2 X 54	1
3	1-397-010302050	HOSE ASSEMBLY 1/2 X 50	2
4	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	3
5	1-512-010005-01	NUT, HEX LOCK 1/4-20	2
6	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	2
7	1-654-010047-10	SCREW, HEX HEAD CAP 1/4-20 X 2 GR5	4
8	1-654-010051-09	SCREW, HEX HEAD CAP 3/8-16 X 2 GR5	3
9	1-861-010032-07	WASHER, FLAT 1/4W	2
10	1-861-010059-21	WASHER, LOCKING INT TOOTH 1-1/8	2
11	101386	PIN, COTTER 1/8 X 1	1
12	101528	ELBOW, BRASS PIPE STREET	2
13	105274	HOSE ASSEMBLY 1/2 X 34	2
14	105479	COUPLER, FLAT FACE MALE NOSE	1
15	105480	COUPLER, FLAT FACE FEMALE BODY	1
16	105481	COUPLER, DUST CAP MALE	1
17	105482	COUPLER, DUST CAP FEMALE	1
18	105483	ADAPTER, BULKHEAD	2
19	105822	DECAL, HYD COUPLER	1
20	1-397-010302068	HOSE ASSEMBLY, 1/2 X 68	1
21	121355	ELBOW, 90	2
22	125870	HOSE ASSEMBLY 1/2 X 14	1
23	134901	HOSE ASSEMBLY 3/4 X 83	1
24	*138712	VALVE, HYDRAULIC PRESSURE RELIEF 1500	1
25	1406044	HOSE ASSEMBLY, 1/2 X 60	2
26	142441	HOSE ASSEMBLY, GREASE 1/4 X 45	1
27	142465	HOSE ASSEMBLY, GREASE 1/4 X 67	1
28	142545	NUT, HEX JAM 1/4-28	2
29	164435	VALVE, COUNTERBALANCE	1
30	160366	CYLINDER, HYDRAULIC 7" X 34" (SEE PAGE 2-30 OR 2-31)	2
31	163343	GOOSENECK WELDMENT 13'	REF
	163617	GOOSENECK WELDMENT 11-1/2'	REF
32	160396	CARRIER WELDMENT	1
33	163346	HANDLE EXTENSION	1
34	163351	GUIDE ROD	1
35	163796	HOSE ASSEMBLY 3/4 X 160 (163342)	1
	1-397-010305145	HOSE ASSEMBLY 3/4 X 145 (163616)	1
36	116536	HOSE ASSEMBLY 3/4 X 120 (163342)	1
	1-397-010305102	HOSE ASSEMBLY 3/4 X 102 (163616)	1
37	2-181-010001	CLAMP	3
38	2024-2-4S	ADAPTER, ELBOW	2
39	202702-12-12S	ADAPTER, STR	1
40	202702-12-8S	ADAPTER, STR	1
41	202702-8-8S	ADAPTER, STR	1
42	203101-12-12S	ADAPTER TEE SWIVEL	1
43	2033-8-8S	ADAPTER TEE	2
44	2062-8-8S	ADAPTER, 90	2

GOOSENECK HYDRAULIC AND GREASE SYSTEM (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
45	2062-12-12S	ADAPTER, 90	2
46	3-360-010008	VALVE, HANDLE MODIFICATION	1
48	3-846-010159	VALVE, 3 SPOOL 2500 PSI (SEE PAGE 2-27)	1
49	95	KNOB	1

*SET AT 500 PSI TO PREVENT LIFT ARM FROM OVERLOADING REAR SUPPORT X-MEMBER OR TRACTOR

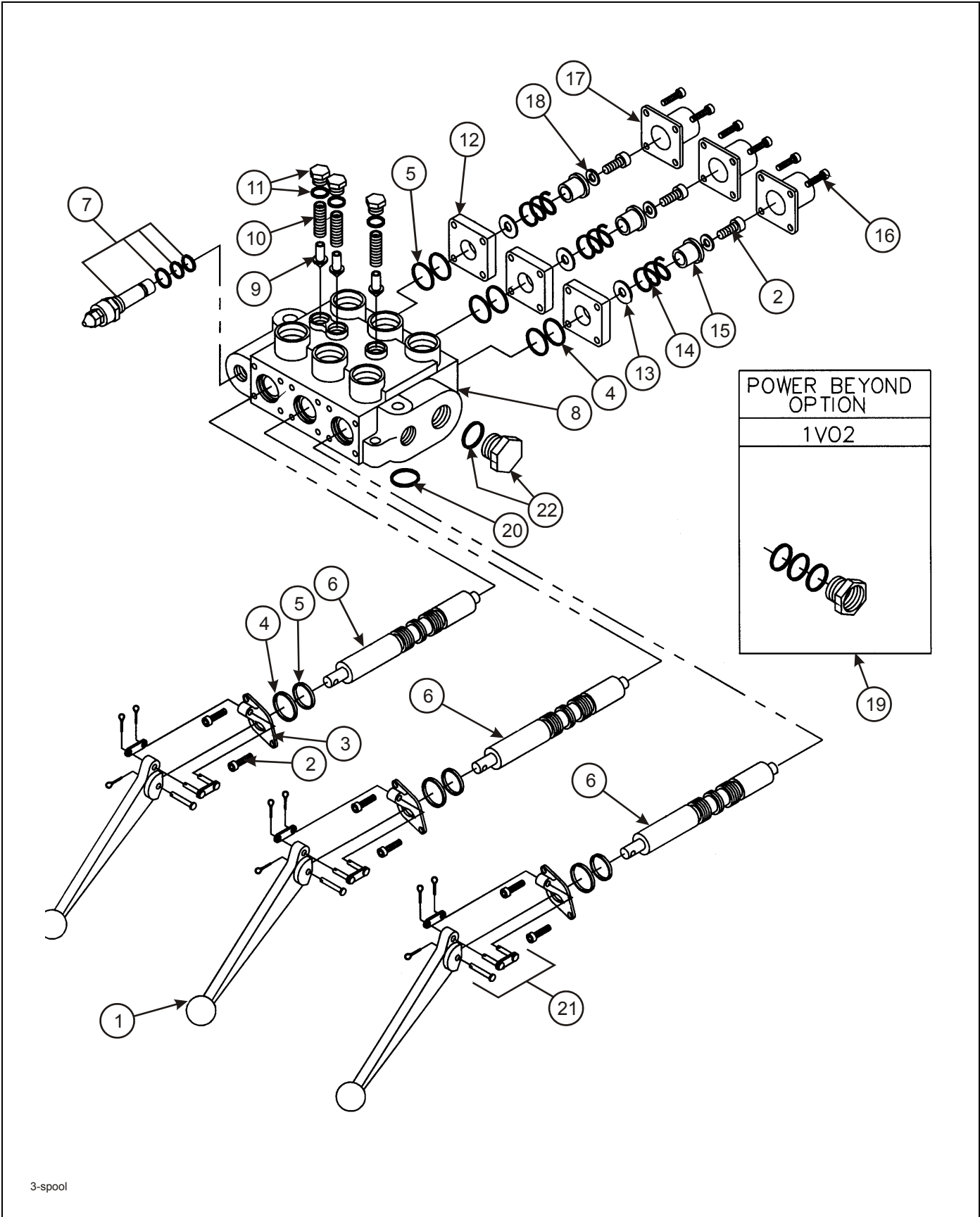


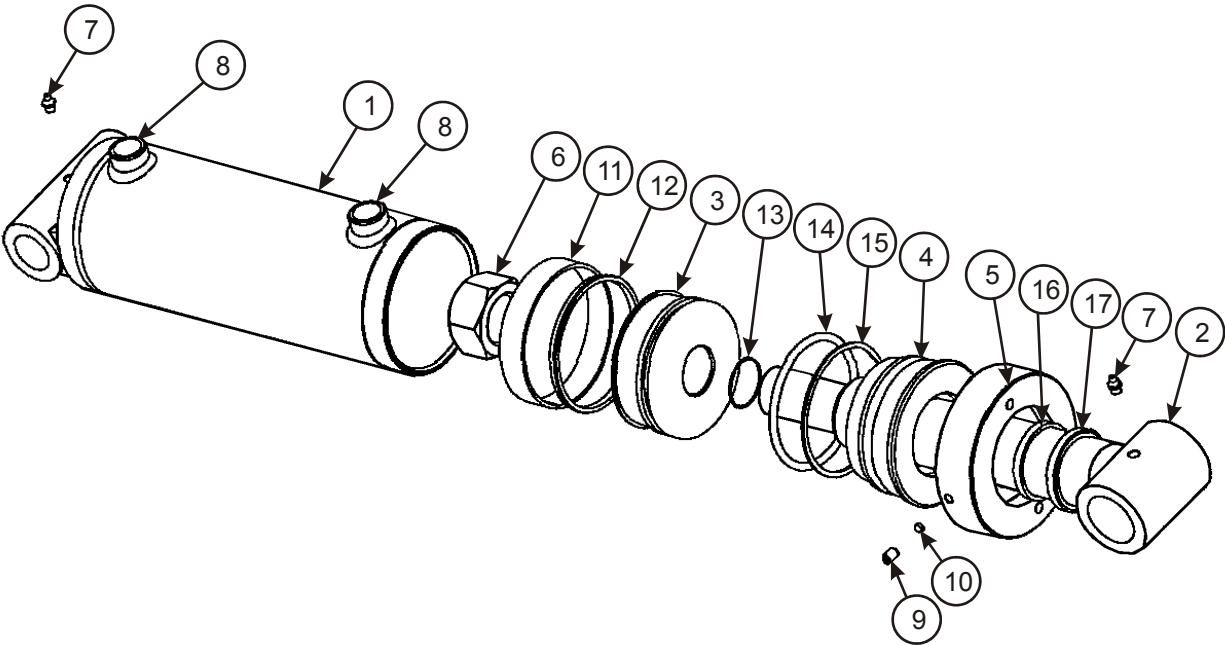
Figure 2-16: Three Spool Valve

THREE SPOOL VALVE

ITEM	PART NO.	DESCRIPTION	QTY.
	3-846-010159	VALVE ASSEMBLY, COMPLETE THREE SPOOL	
1	1V1703	VALVE, HANDLE	3
2	2A0079-404	CAP SCREW (TIGHTEN TO 7 - 11 FT.-LBS.)	9
3	4Z4306	BRACKET, HANDLE	3
4	1A0711	WASHER, O-RING SPOOL	6
5	2A0283-7214	SEAL, SPOOL	6
6	*	SPOOL, 4-WAY	**2
6A	*	MOTOR SPOOL, 4-WAY	**1
7	1R0017	RELIEF ASSEMBLY (1500 - 3000 PSI)(PRESET @ 2500 PSI)	1
8	*	HOUSING, VALVE	1
9	1V0081	POPPET, LOAD CHECK	3
10	1A0757	SPRING, LOAD CHECK	3
11	1V1725	PLUG, LOAD CHECK	3
12	1A0709	SPACER, END	3
13	1A0291	WASHER, STOP	3
14	1A0744	SPRING, CENTERING	3
15	1A0292	COLLAR, STOP	3
16	2A0079-406	CAP SCREW (TIGHTEN TO 7 -11 FT.-LBS.)	12
17	1A0294	CAP, END	3
18	1A0290	WASHER, CENTERING SPRING	3
19	1V0208	ADAPTER ASSEMBLY, REMOTE POWER BEYOND (CONTAINS ALL NECESSARY O-RINGS)	1
20	-----	GROMMET, RUBBER (BOTTOM OUTLET)	1
21	1V1701	PIN KIT	3
22	-----	PLUG, CONVERSION	1
	2V0010	SEAL KIT	

*NOT SOLD SEPARATELY.

** COMPONENT IS 3-SPOOL VALVE WITH 1ST STAGE MOTOR SPOOL USED IN PLANETARY WINCH APPLICATIONS.



m138711

Figure 2-17: Cylinder, Hydraulic 6 x 30

CYLINDER, HYDRAULIC 6 X 30

ITEM	PART NO.	DESCRIPTION	QTY.
	138711	CYLINDER HYDRAULIC 6 X 30	
1	----	BUTT AND TUBE ASSEMBLY	1
2	----	PISTON ROD ASSEMBLY	1
3	148138	PISTON	1
4	148139	GLAND	1
5	----	GLAND CAP	1
6	----	LOCKNUT	1
7	----	GREASE ZERK	2
8	----	PORT PLUG	2
9	----	SET SCREW	1
10	----	NYLON LOCK	1
11*	----	BEARING RING	1
12*	----	CROWN SEAL	1
13*	----	O-RING	1
14*	----	O-RING	1
15*	----	BU-WASHER	1
16*	----	U-CUP	1
17*	----	WIPER	1
18**	----	WIPER	1
	PMCK-22000	PACKING KIT (CONTAINS ITEMS 11 THRU 18)	1

* PARTS AVAILABLE IN PACKING KIT ONLY.

**PART OF PACKING KIT ONLY

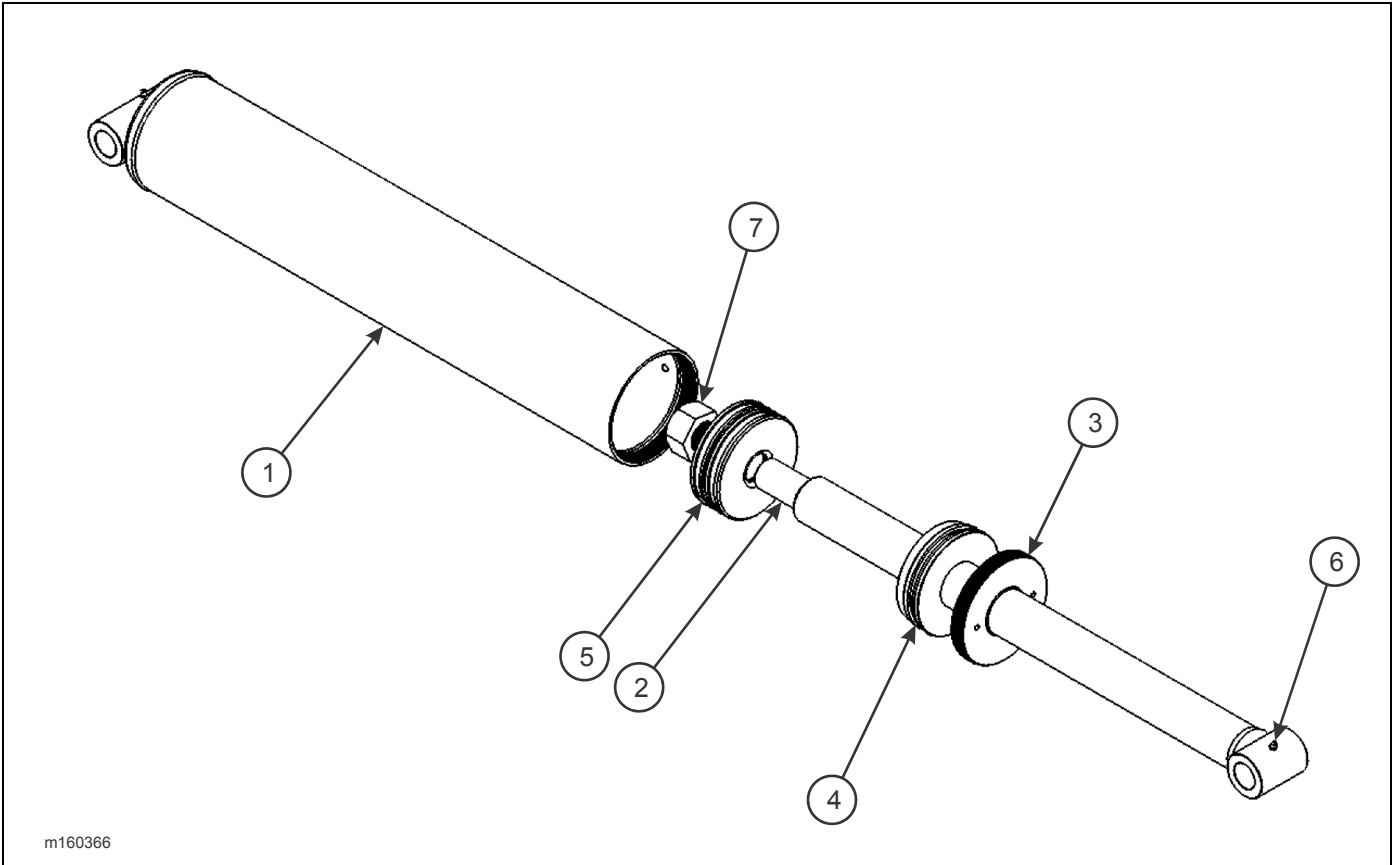


Figure 2-18: Cylinder, Hydraulic 7 x 34 (Carlson)

CYLINDER, HYDRAULIC 7 X 34 (CARLSON)

ITEM	PART NO.	DESCRIPTION	QTY.
	160366	CYLINDER HYDRAULIC 7 X 34	
1	163474	7" BARREL ASSEMBLY	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	163479	1/4-20 STRAIGHT ZERK	2
7	163480	2" NYLOCK NUT	1
	163481	SEAL KIT	1

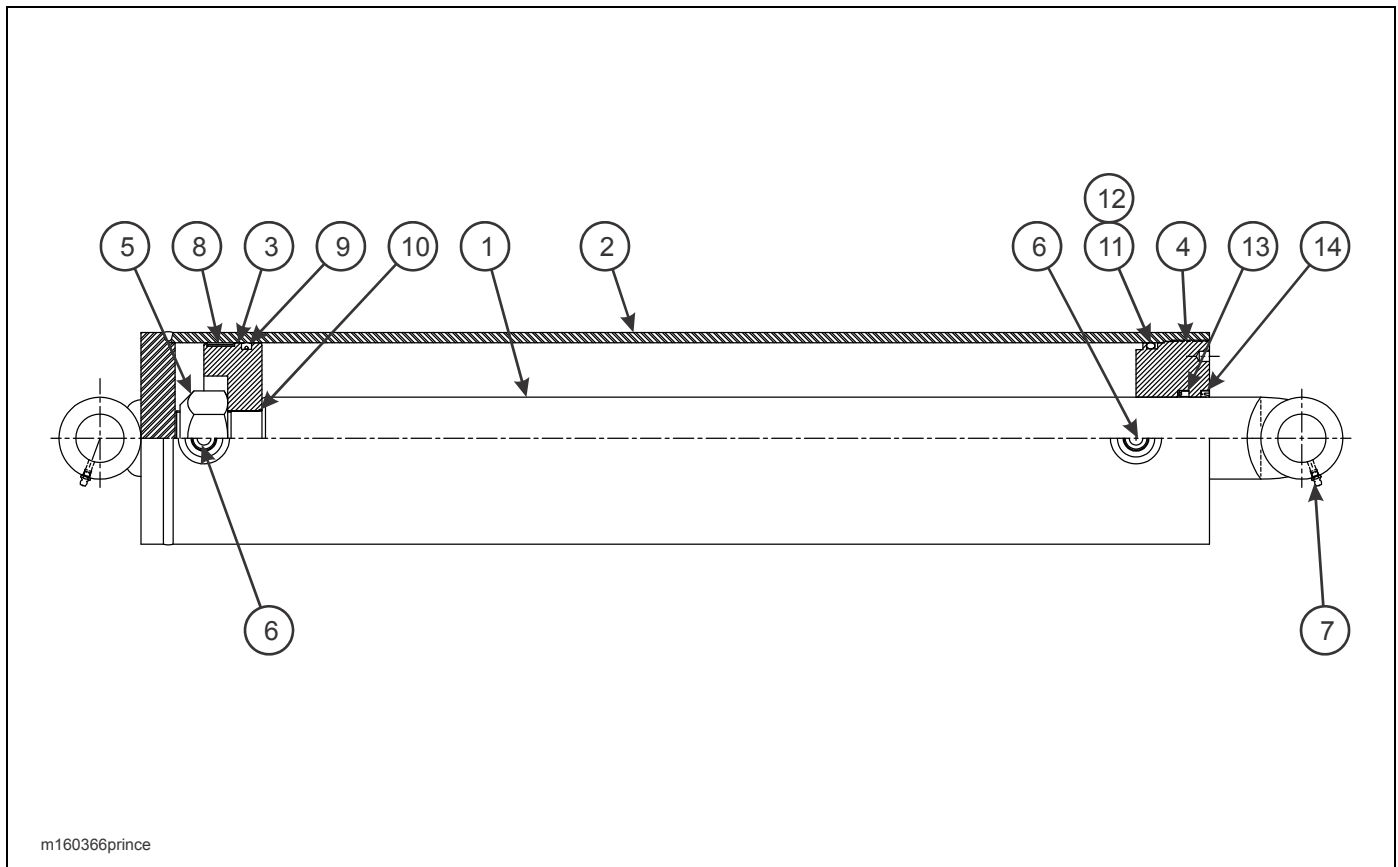


Figure 2-19: Cylinder, Hydraulic 7 x 34 (Prince)

CYLINDER, HYDRAULIC 7 X 34 (PRINCE)

ITEM	PART NO.	DESCRIPTION	QTY.
	160366	CYLINDER HYDRAULIC 7 X 34	
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*	----	CROWN SEAL	1
10*	----	O-RING	1
11*	----	O-RING	1
12*	----	BU-WASHER	1
13*	----	U-CUP	1
14*	----	WIPER	1
	167201	PACKING KIT (INCLUDES 9-14)	

* INCLUDED W/ REPLACEMENT PACKING KIT ONLY

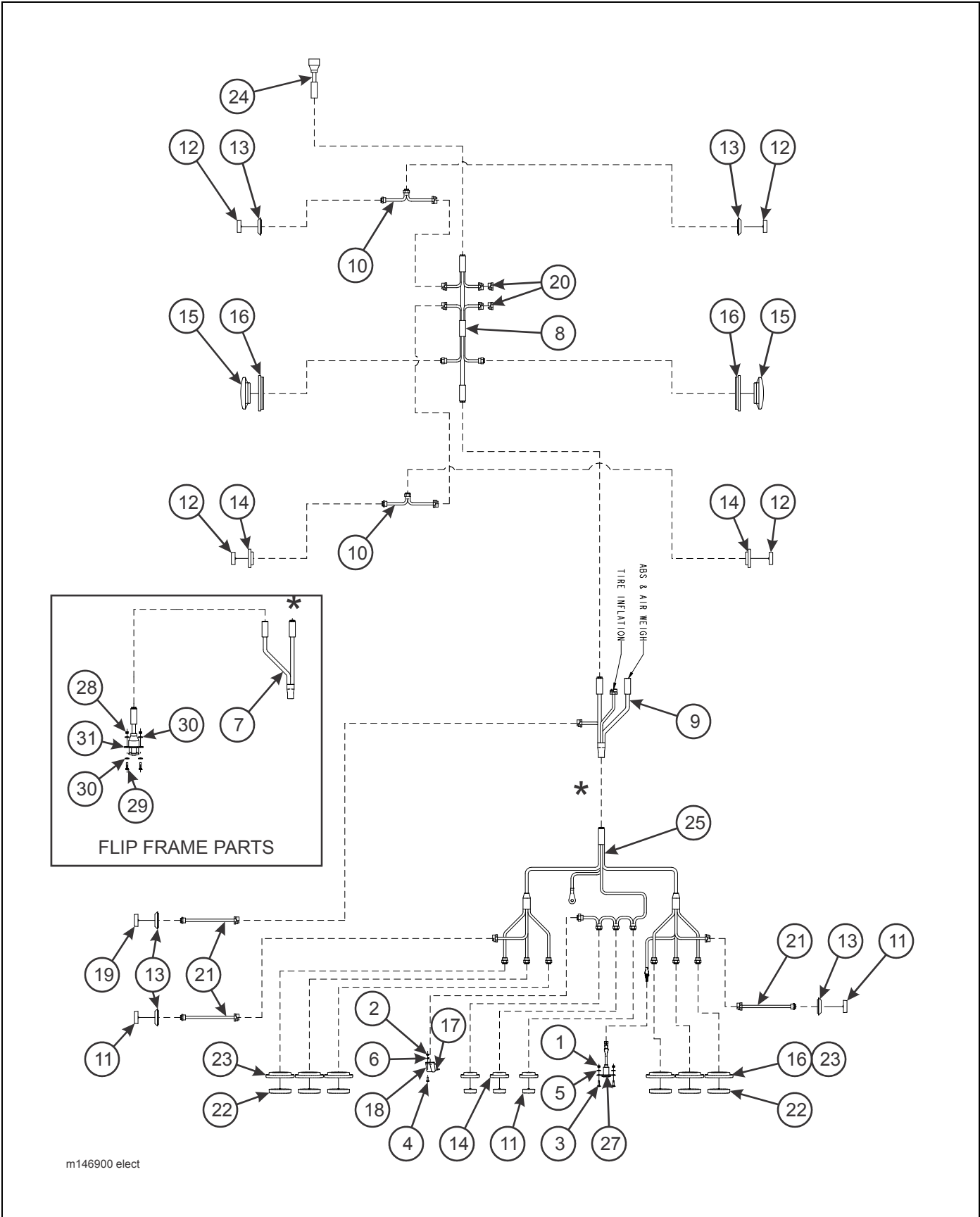
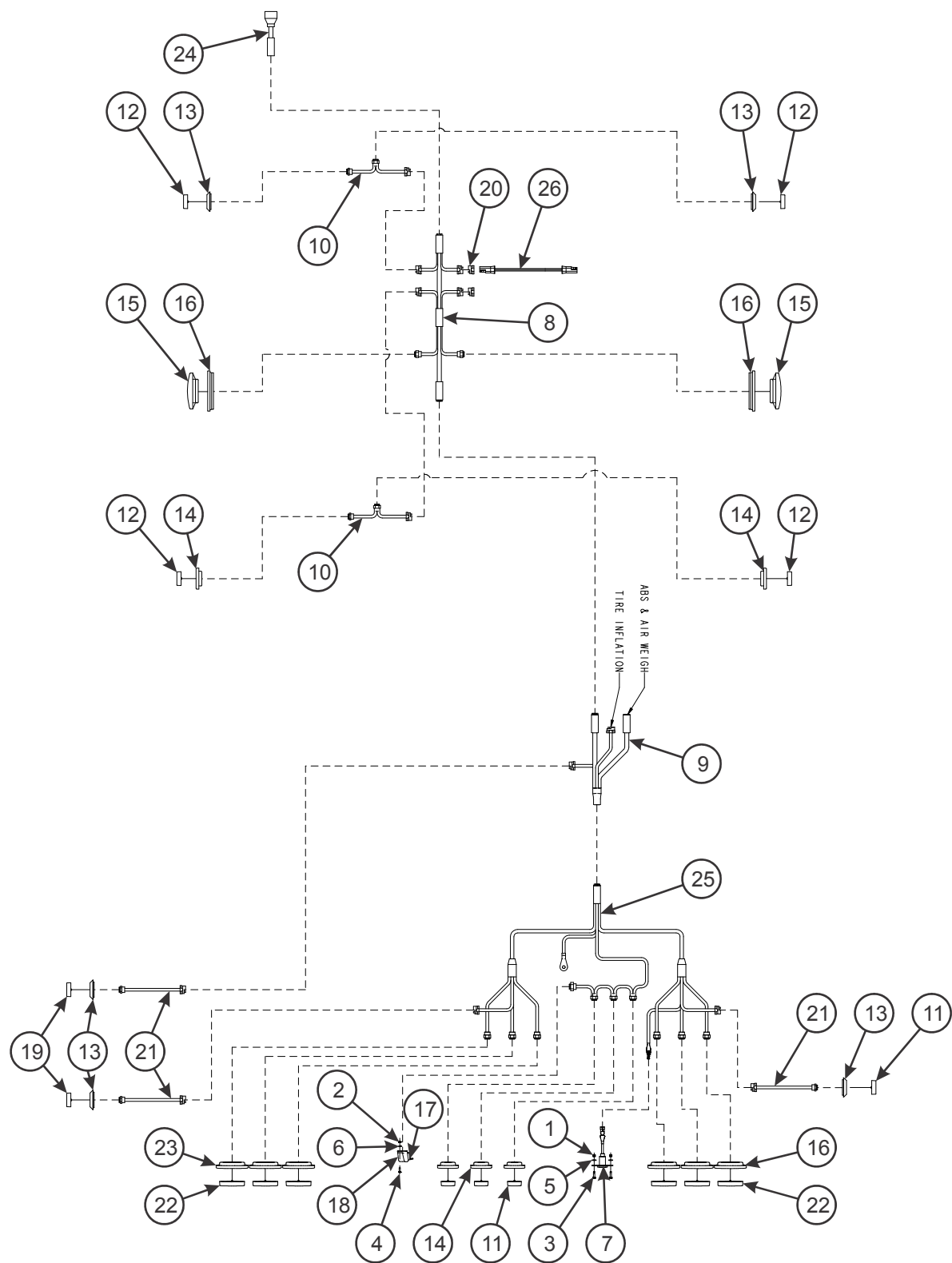


Figure 2-20: Frame Electrical System (825C/835C)

FRAME ELECTRICAL SYSTEM (825C/835C)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	4
2	1-512-010007-03	NUT, HEX 10-24 GRB	2
3	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	4
4	1-656-010003051	SCREW, RD HEAD MACH 10-24 X 3/4	2
5	1-861-010032-07	WASHER, FLAT 1/4W	4
6	1-861-010034-07	WASHER, SPLIT LOCK #10	4
7	146929	HARNESS, Y SPLITTER	1
8	143102	HARNESS, BED MAIN	1
9	143103	HARNESS, E-CHAIN	1
10	143106	HARNESS, MARKER FRONT BED	2
11	143108	LIGHT, RED LED 2.5 CL/MARKER	5
12	143109	LIGHT, YELLOW LED 2.5 CL/MARKER	4
13	143110	GROMMET, 2.5 SURFACE MOUNT	*5,7
14	143111	GROMMET, 2.5 RECESSED MOUNT	*5,3
15	169410	LIGHT, YELLOW MID TURN	2
16	143114	GROMMET, OVAL	8
17	143117	LIGHT, CLEAR LED LICENSE	1
18	143118	BRACKET, LIGHT LICENSE	1
19	143119	LIGHT, YELLOW LED ABS	1
20	143121	DUMMY PLUG MALE/FEM BULLET	REF
21	144609	MARKER LAMP PIGTAIL HARNESS	3
22	144679	LIGHT, RED ROUND LED 4" S/T/T	6
	143113	LIGHT, RED OVAL LED 4" S/T/T	6
23	144680	GROMMET, 4 IN ROUND	6
24	146898	HARNESS, 7 WAY PLUG G/N	1
25	143104	HARNESS, BUMPER	1
26	3-201-010002	CONDUIT 3/8 PLASTIC FLEX (NOT SHOWN)	8
27	150116	HARNESS/PLUG ASSEMBLY	1
28	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	2
29	1-654-010049-06	SCREW, HEX HEAD CAP 5/16-18 X 1-1/4 GR5	2
30	1-861-010032-09	WASHER, FLAT 5/16W	4
31	146897	HARNESS, 7 WAY RECP MAIN	1

* 1ST QUANTITY LISTED IS USED ON 825C MODELS; 2ND QUANTITY LISTED IS USED ON 835C MODELS



m162060 frame elect

Figure 2-21: Frame Electrical System (855C)

FRAME ELECTRICAL SYSTEM (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
2	1-512-010007-03	NUT, HEX 10-24 GRB	2
3	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	2
4	1-656-010003051	SCREW, RD HEAD MACH 10-24 X 3/4	2
5	1-861-010032-07	WASHER, FLAT 1/4W	2
6	1-861-010034-07	WASHER, SPLIT LOCK #10	2
7	150116	HARNESS/PLUG ASSEMBLY	1
8	143102	HARNESS, BED MAIN	1
9	143103	HARNESS, E-CHAIN	1
10	143106	HARNESS, MARKER FRONT BED	2
11	143108	LIGHT, RED LED 2.5 CL/MARKER	5
12	143109	LIGHT, YELLOW LED 2.5 CL/MARKER	4
13	143110	GROMMET, 2.5 SURFACE MOUNT	5
14	143111	GROMMET, 2.5 RECESSED MOUNT	5
15	169410	LIGHT, YELLOW MID TURN	2
16	143114	GROMMET, OVAL	8
17	143117	LIGHT, CLEAR LED LICENSE	1
18	143118	BRACKET, LIGHT LICENSE	1
19	143119	LIGHT, YELLOW LED ABS	1
20	143121	DUMMY PLUG MALE/FEM BULLET (USED ONLY WHEN FLIP AXLE IS NOT IN ROAD POSITION)	REF
21	144609	MARKER LAMP PIGTAIL HARNESS	3
22	143113	LIGHT, RED LED OVAL S/T/T	6
23	3-201-010002	CONDUIT 3/8 PLASTIC FLEX (NOT SHOWN)	8
24	146898	HARNESS, 7 WAY PLUG G/N	1
25	143104	HARNESS, BUMPER	1
26	3-368-010252	HARNESS ASSEMBLY, BULKHEAD LIGHT	1'
27	156068	BATTERY BU JUMPER, FLIP STROBE (INCL ITEMS 20 & 26)	

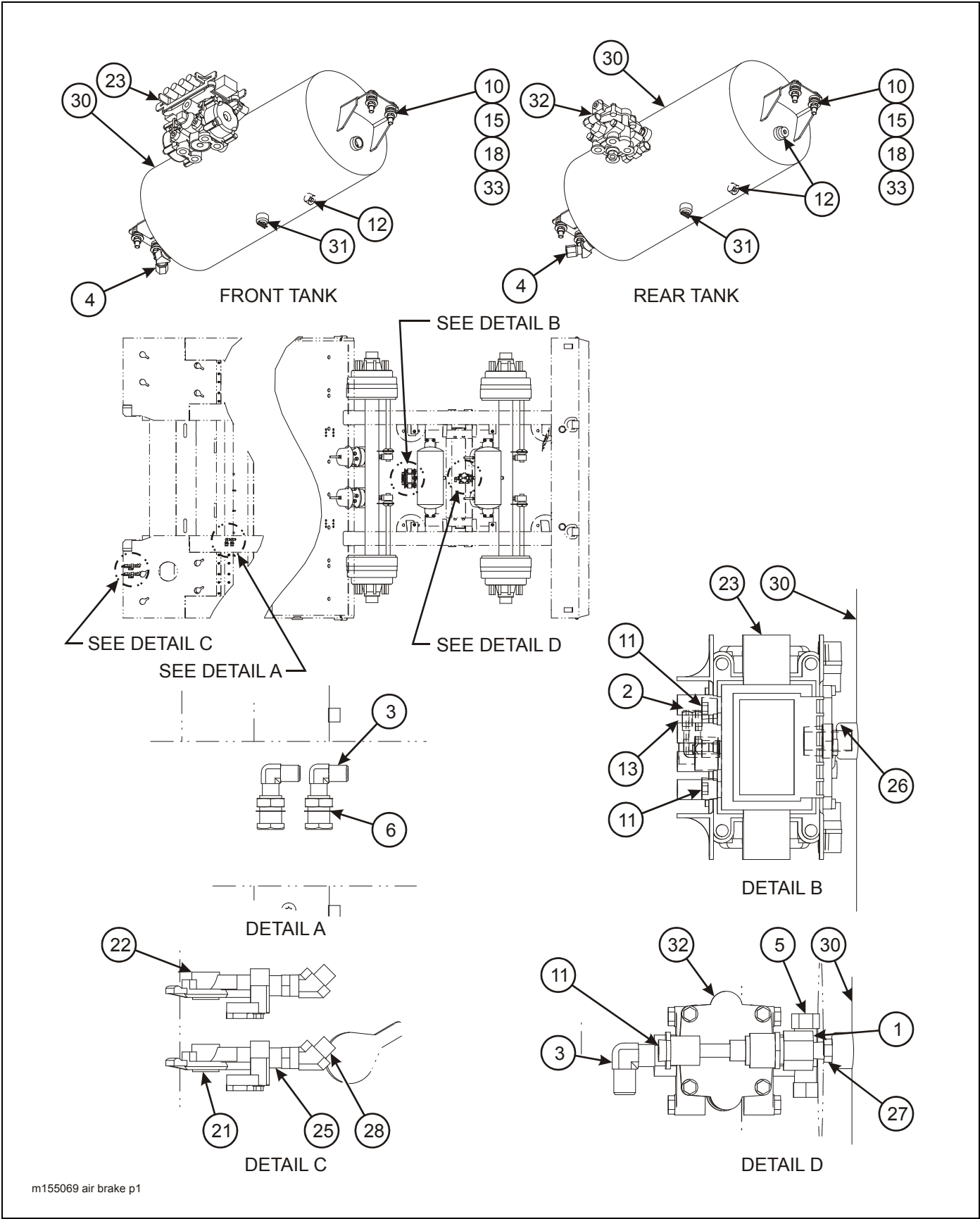


Figure 2-22: Air Brake System (825C) (1 of 2)

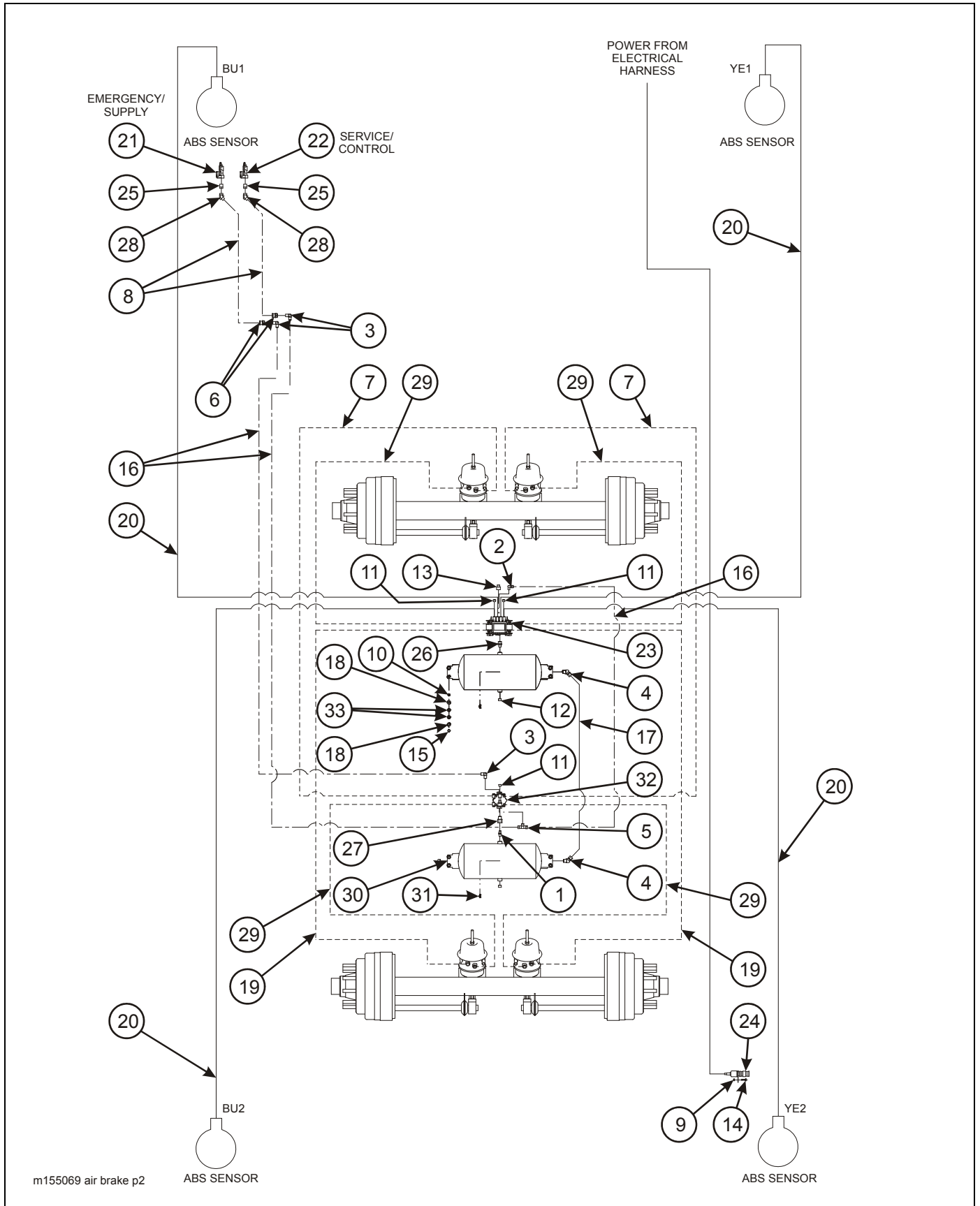


Figure 2-23: Air Brake System (825C) (2 of 2)

AIR BRAKE SYSTEM (825C)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-297-010004-07	FITTING, AIR BRASS	1
2	1-297-010008-18	FITTING, AIR 90	1
3	1-297-010008-20	FITTING, AIR 90	3
4	1-297-010013-16	FITTING, AIR 45 W/ ELBOW	2
5	1-297-010015-07	FITTING, AIR BR TEE 3/8	1
6	1-297-010022-03	FITTING, AIR ANCHOR COUPLING	2
7	1-384-010038060	HOSE, AIR 3/8 X 60	2
8	1-384-010038084	HOSE, AIR 3/8 X 84	2
9	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
10	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	8
11	1-560-010002-03	PLUG, PIPE 3/8	3
12	1-560-010002-04	PLUG, PIPE 1/2	3
13	1-560-010002-05	PLUG, PIPE 3/4	1
14	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	2
15	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	8
16	1-833-010002	TUBING, NYLON 3/8	AR
17	1-833-010003	TUBING, NYLON 1/2	AR
18	1-861-010032-11	WASHER, FLAT 3/8W	16
19	101003	HOSE, AIR 3/8 X 48	2
20	103861	SENSOR, EXT CABLE 3M (10 FT.)	REF
21	108801	GLAD HAND - RED - AIR	1
22	108802	GLAD HAND - BLUE - AIR	1
23	114584	ABS KIT 4S/2M (SEE PAGE 2-55)	1
24	114590	DIAGNOSTIC CABLE BLINK LIGHT	REF
25	2081-8-6S	REDUCER	2
26	2083-12-8S	NIPPLE, HEX	1
27	2083-8-8S	NIPPLE, HEX	1
28	2088-6-6S	ADAPTER 45	2
29	3-384-010020	HOSE, AIR 3/8 X 32	4
30	3-780-010002	AIR TANK	2
31	56D4	COCK, DRAIN AIR TANK	2
32	758-181	VALVE, TASK 4 PORT	1
33	805-2	BUSHING, STEP	16

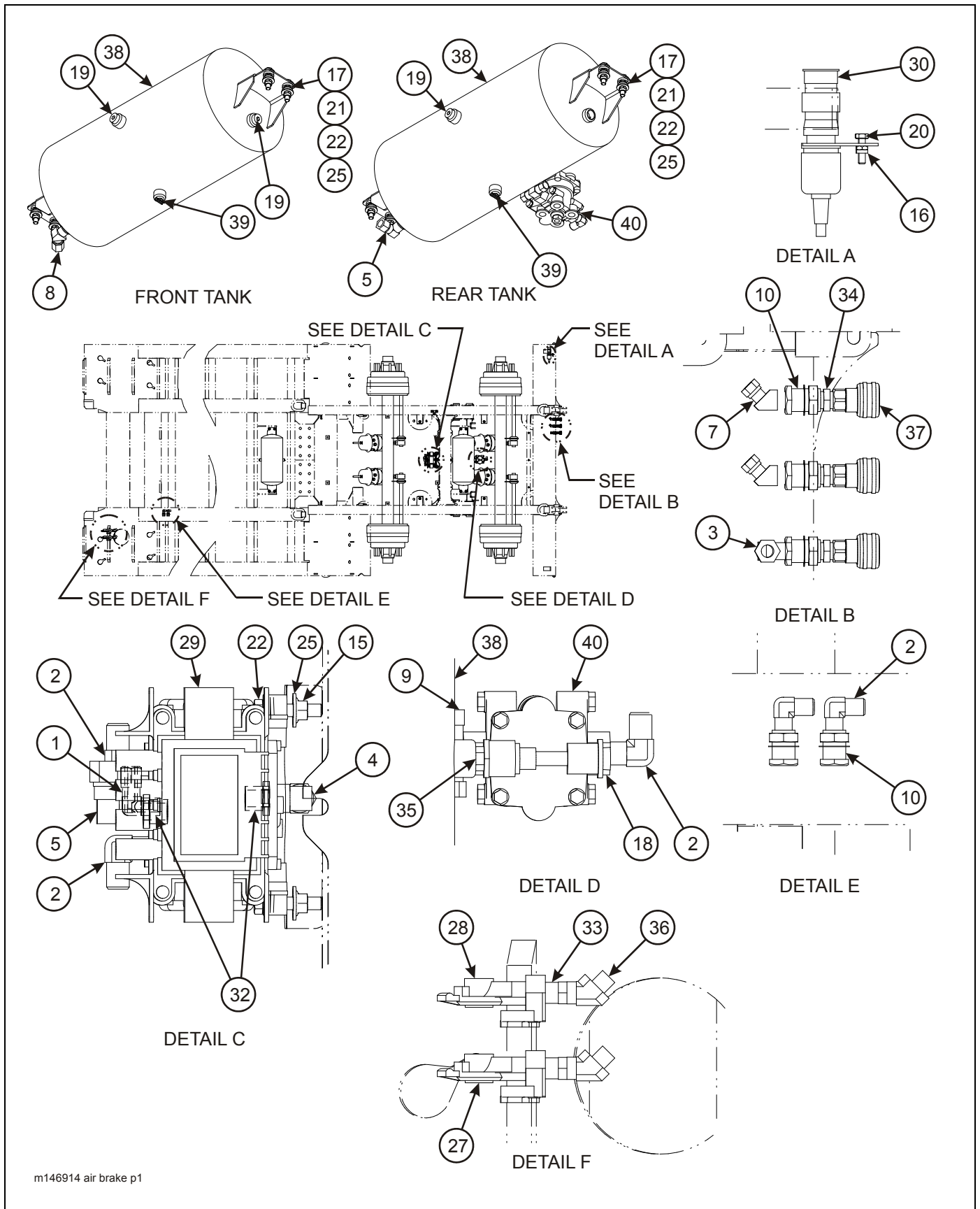


Figure 2-24: Air Brake System (835C) (1 of 2)

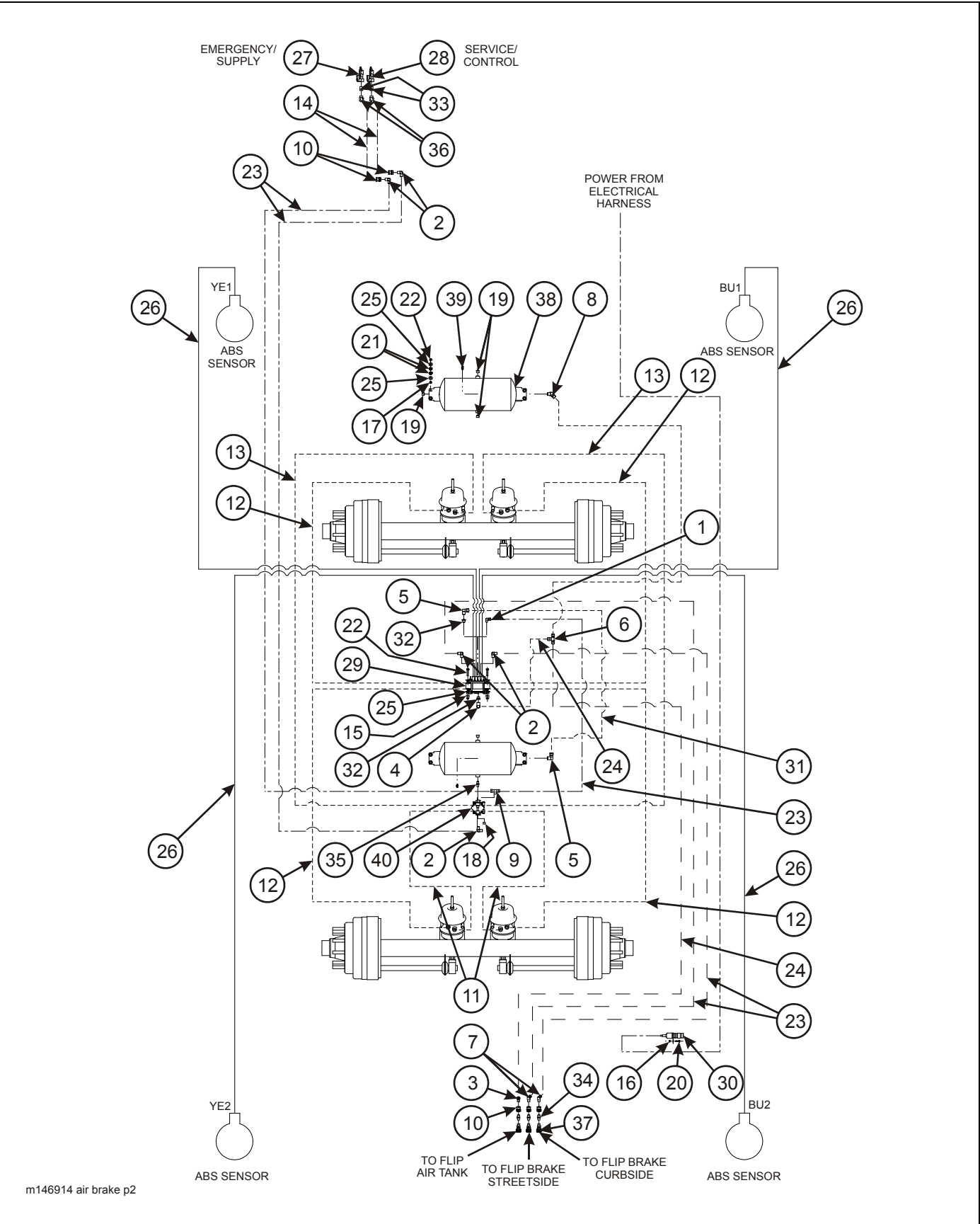
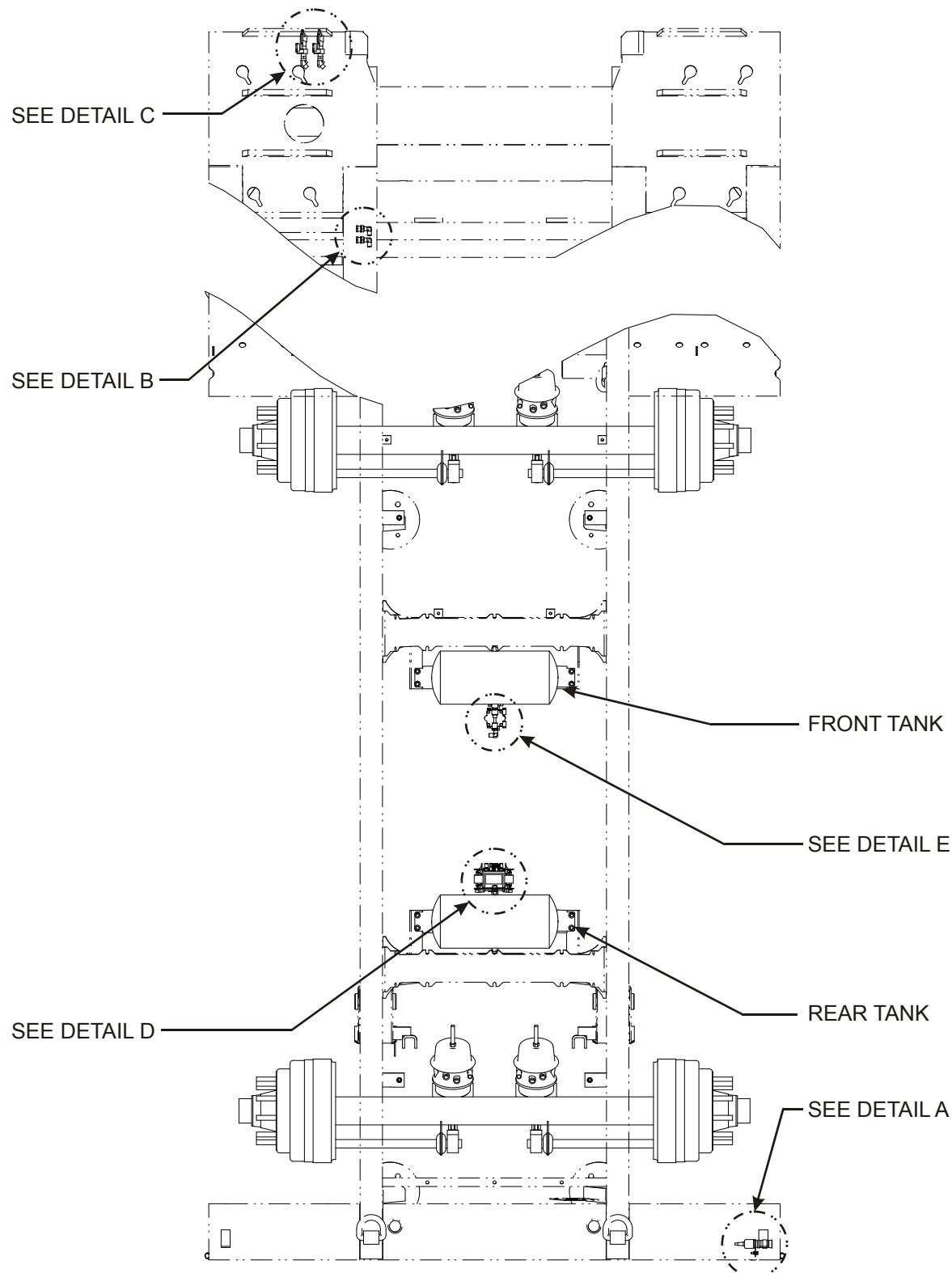


Figure 2-25: Air Brake System (835C w/ Flip Provision) (2 of 2)

AIR BRAKE SYSTEM (835C W/ FLIP PROVISION)

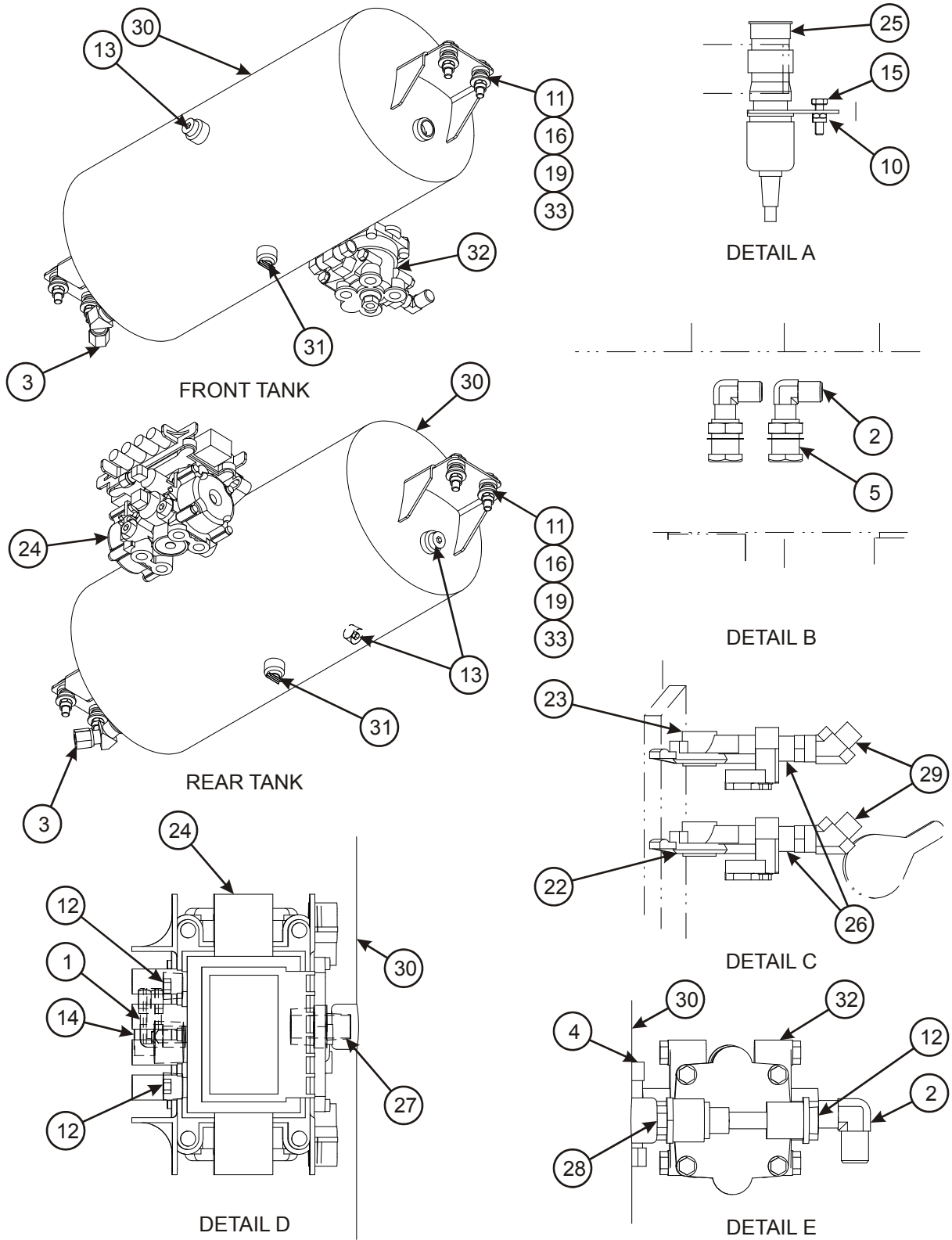
ITEM	PART NO.	DESCRIPTION	QTY.
1	1-297-010008-18	FITTING, AIR 90	1
2	1-297-010008-20	FITTING, AIR 90	3
3	1-297-010008-23	FITTING, AIR 90	1
4	1-297-010008-24	FITTING, AIR 90	1
5	1-297-010008-26	FITTING, AIR 90	2
6	1-297-010010-06	FITTING, AIR UNION TEE	1
7	1-297-010013-12	FITTING, AIR 45 W/ ELBOW 3/8	2
8	1-297-010013-16	FITTING, AIR 45 W/ ELBOW 1/2	2
9	1-297-010015-07	FITTING, AIR BR TEE 3/8	1
10	1-297-010022-03	FITTING, AIR ANCHOR COUPLING	2
11	1-384-010038024	HOSE, AIR 3/8 X 24	2
12	1-384-010038038	HOSE, AIR 3/8 X 38	*2,4
13	1-384-010038060	HOSE, AIR 3/8 X 60	2
14	103738	HOSE, AIR 3/8 X 100	2
15	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	2
16	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
17	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	8
18	1-560-010002-03	PLUG, PIPE 3/8	3
19	1-560-010002-04	PLUG, PIPE 1/2	3
20	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	2
21	805-2	BUSHING, STEP	16
22	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	8
23	1-833-010002	TUBING, NYLON 3/8	AR
24	1-833-010003	TUBING, NYLON 1/2	AR
25	1-861-010032-11	WASHER, FLAT 3/8W	16
26	103861	SENSOR, EXT CABLE 3M (10 FT.)	REF
27	108801	GLAD HAND - RED - AIR	1
28	108802	GLAD HAND - BLUE - AIR	1
29	114584	ABS KIT 4S/2M (SEE PAGE 2-55)	1
	114586	ABS KIT 4S/2M TRI/SPREAD (SEE PAGE 2-55)	1
30	114590	DIAGNOSTIC CABLE BLINK LIGHT	REF
31	117304	TUBING, NYLON 5/8	AR
32	118-2659-9	BUSHING, BLACK PIPE	2
33	2081-8-6S	REDUCER	2
34	2083-6-6S	ADAPTER, HYD NIPPLE 3/8-18	3
35	2083-8-8S	NIPPLE, HEX	2
36	2088-6-6S	ADAPTER 45	2
37	3-220-010004	COUPLER, AIR FEMALE 3/8-18	3
38	3-780-010002	AIR TANK	2
39	56D4	COCK, DRAIN AIR TANK	2
40	758-181	VALVE, TASK 4 PORT	1

*QTY 2 OF ITEMS 17 AND 18 USED WHEN NO OPTIONAL FLIP; QTY 4 OF THE 17 USED WHEN OPTIONAL FLIP.



m146910 air brake p1

Figure 2-26: Air Brake System (835C Spread Axle) (1 of 3)



m146910 air brake p2

Figure 2-27: Air Brake System (835C Spread Axle) (2 of 3)

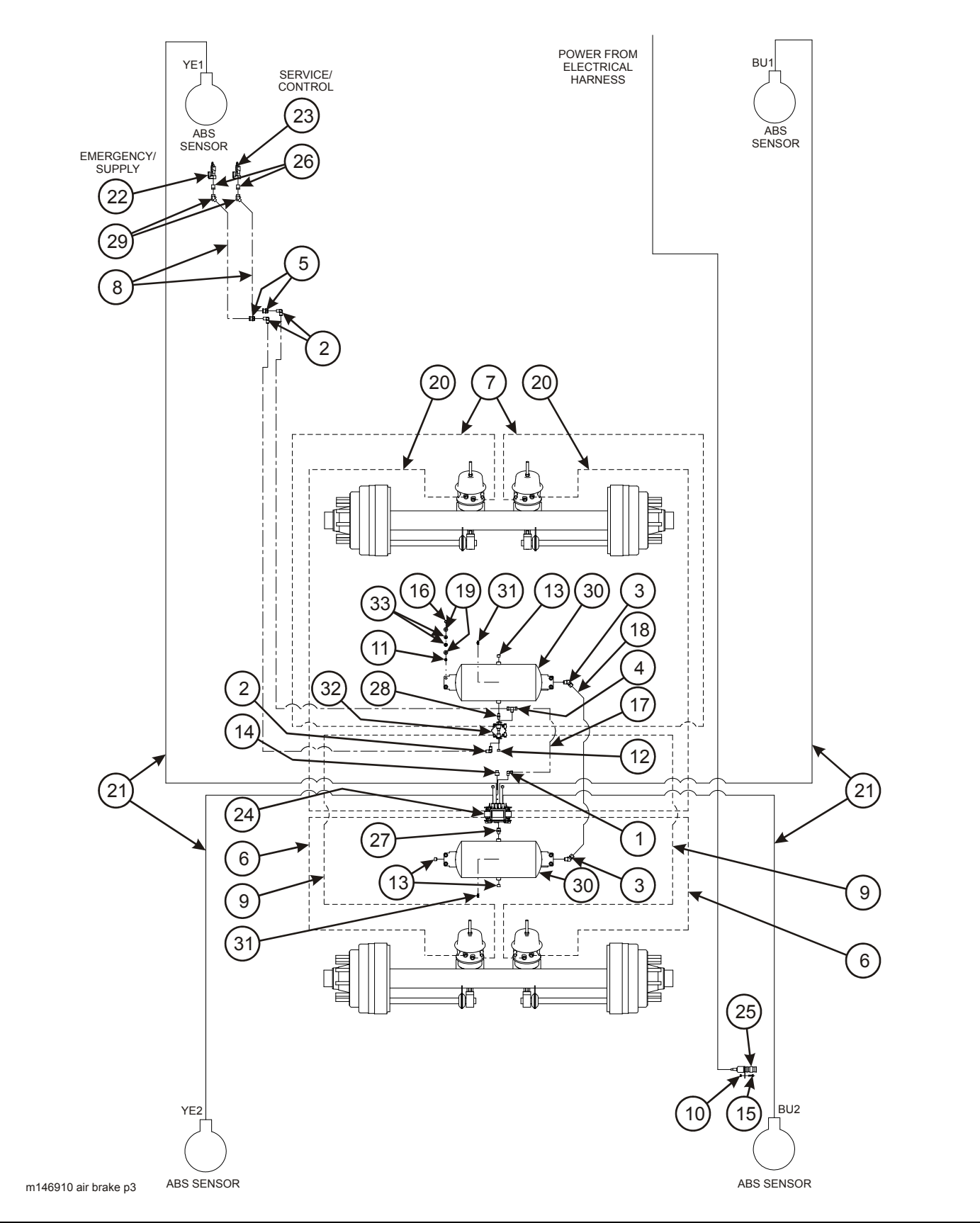
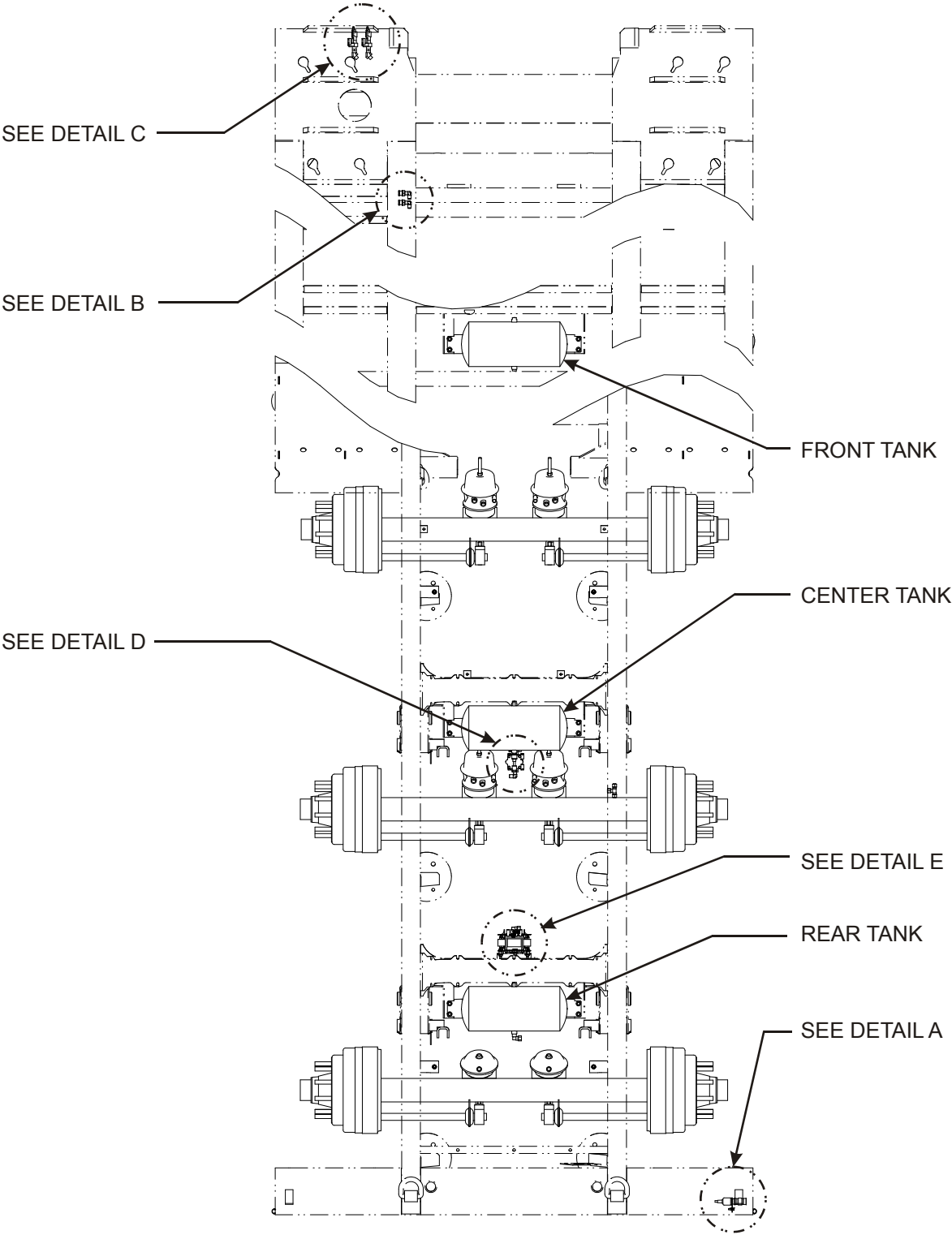


Figure 2-28: Air Brake System (835C Spread Axle) (3 of 3)

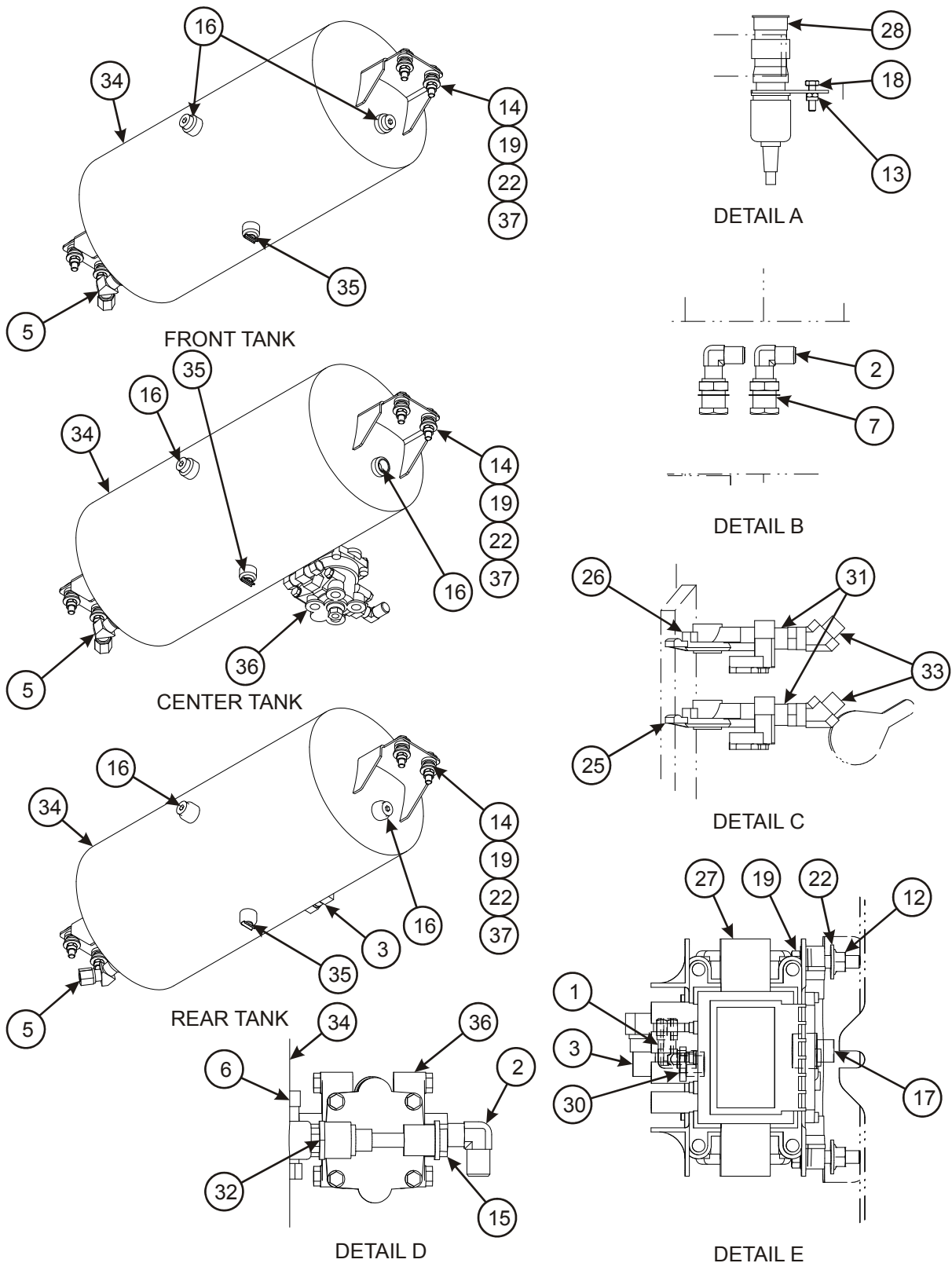
AIR BRAKE SYSTEM (835C SPREAD AXLE)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-297-010008-18	FITTING, AIR 90	1
2	1-297-010008-20	FITTING, AIR 90	3
3	1-297-010013-16	FITTING, AIR 45 W/ ELBOW 1/2	2
4	1-297-010015-07	FITTING, AIR BR TEE 3/8	1
5	1-297-010022-03	FITTING, AIR ANCHOR COUPLING	2
6	1-384-010038038	HOSE, AIR 3/8 X 38	2
7	1-384-010038060	HOSE, AIR 3/8 X 60	2
8	103738	HOSE, AIR 3/8 X 100	2
9	1-384-010038090	HOSE, AIR 3/8 X 90	2
10	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
11	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	8
12	1-560-010002-03	PLUG, PIPE 3/8	3
13	1-560-010002-04	PLUG, PIPE 1/2	3
14	1-560-010002-05	PLUG, PIPE 3/4-14	1
15	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	2
16	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	8
17	1-833-010002	TUBING, NYLON 3/8	AR
18	1-833-010003	TUBING, NYLON 1/2	AR
19	1-861-010032-11	WASHER, FLAT 3/8W	16
20	103738	HOSE, AIR 3/8 X 100	2
21	103861	SENSOR, EXT CABLE 3M (10 FT.)	REF
22	108801	GLAD HAND - RED - AIR	1
23	108802	GLAD HAND - BLUE - AIR	1
24	114586	ABS KIT 4S/2M TRI/SPREAD (SEE PAGE 2-55)	1
25	114590	DIAGNOSTIC CABLE BLINK LIGHT	REF
26	2081-8-6S	REDUCER	2
27	2083-12-8S	NIPPLE, HEX	1
28	2083-8-8S	NIPPLE, HEX	1
29	2088-6-6S	ADAPTER 45	2
30	3-780-010002	AIR TANK	2
31	56D4	COCK, DRAIN AIR TANK	2
32	758-181	VALVE, TASK 4 PORT	1
33	805-2	BUSHING, STEP	16



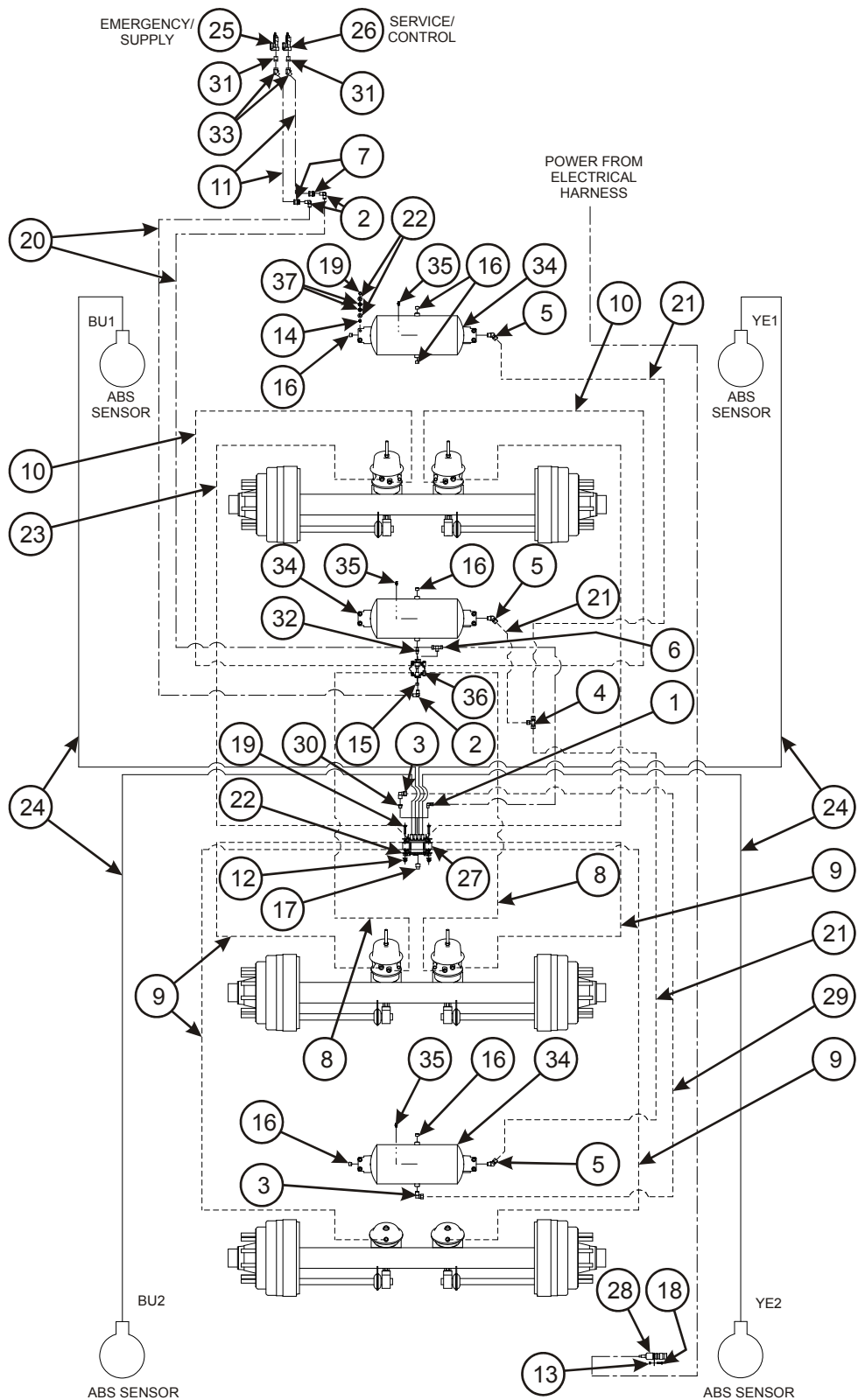
m146911 air brake p1

Figure 2-29: Air Brake System (835C Triple Axle) (1 of 3)



m146910 air brake p2

Figure 2-30: Air Brake System (835C Triple Axle) (2 of 3)



m146911 air brake p3

Figure 2-31: Air Brake System (835C Triple Axle) (3 of 3)

AIR BRAKE SYSTEM (835C TRIPLE AXLE)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-297-010008-18	FITTING, AIR 90	1
2	1-297-010008-20	FITTING, AIR 90	3
3	1-297-010008-26	FITTING, AIR 90	2
4	1-297-010010-06	FITTING, AIR UNION TEE	1
5	1-297-010013-16	FITTING, AIR 45 W/ ELBOW 1/2	3
6	1-297-010015-07	FITTING, AIR BR TEE 3/8	1
7	1-297-010022-03	FITTING, AIR ANCHOR COUPLING	2
8	1-384-010038024	HOSE, AIR 3/8 X 24	2
9	1-384-010038038	HOSE, AIR 3/8 X 38	4
10	1-384-010038060	HOSE, AIR 3/8 X 60	2
11	103738	HOSE, AIR 3/8 X 100	2
12	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	2
13	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
14	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	8
15	1-560-010002-03	PLUG, PIPE 3/8	1
16	1-560-010002-04	PLUG, PIPE 1/2	6
17	1-560-010002-05	PLUG, PIPE 3/4	1
18	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	4
19	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	8
20	1-833-010002	TUBING, NYLON 3/8	AR
21	1-833-010003	TUBING, NYLON 1/2	AR
22	1-861-010032-11	WASHER, FLAT 3/8W	34
23	103738	HOSE, AIR 3/8 X 100	2
24	103861	SENSOR, EXT CABLE 3M (10 FT.)	REF
25	108801	GLAD HAND - RED - AIR	1
26	108802	GLAD HAND - BLUE - AIR	1
27	114586	ABS KIT 4S/2M TRI/SPREAD (SEE PAGE 2-55)	1
28	114590	DIAGNOSTIC CABLE BLINK LIGHT	REF
29	117304	TUBING, NYLON 5/8	AR
30	118-2659-9	BUSHING, BLACK PIPE	1
31	2081-8-6S	REDUCER	2
32	2083-8-8S	NIPPLE, HEX	1
33	2088-6-6S	ADAPTER 45	2
34	3-780-010002	AIR TANK	3
35	56D4	COCK, DRAIN AIR TANK	3
36	758-181	VALVE, TASK 4 PORT	1
37	805-2	BUSHING, STEP	24

SEE DETAIL A

SEE DETAIL B

SEE DETAIL C

SEE DETAIL D

m162060 air brake p1

Figure 2-32: Air Brake System (855C) (1 of 3)

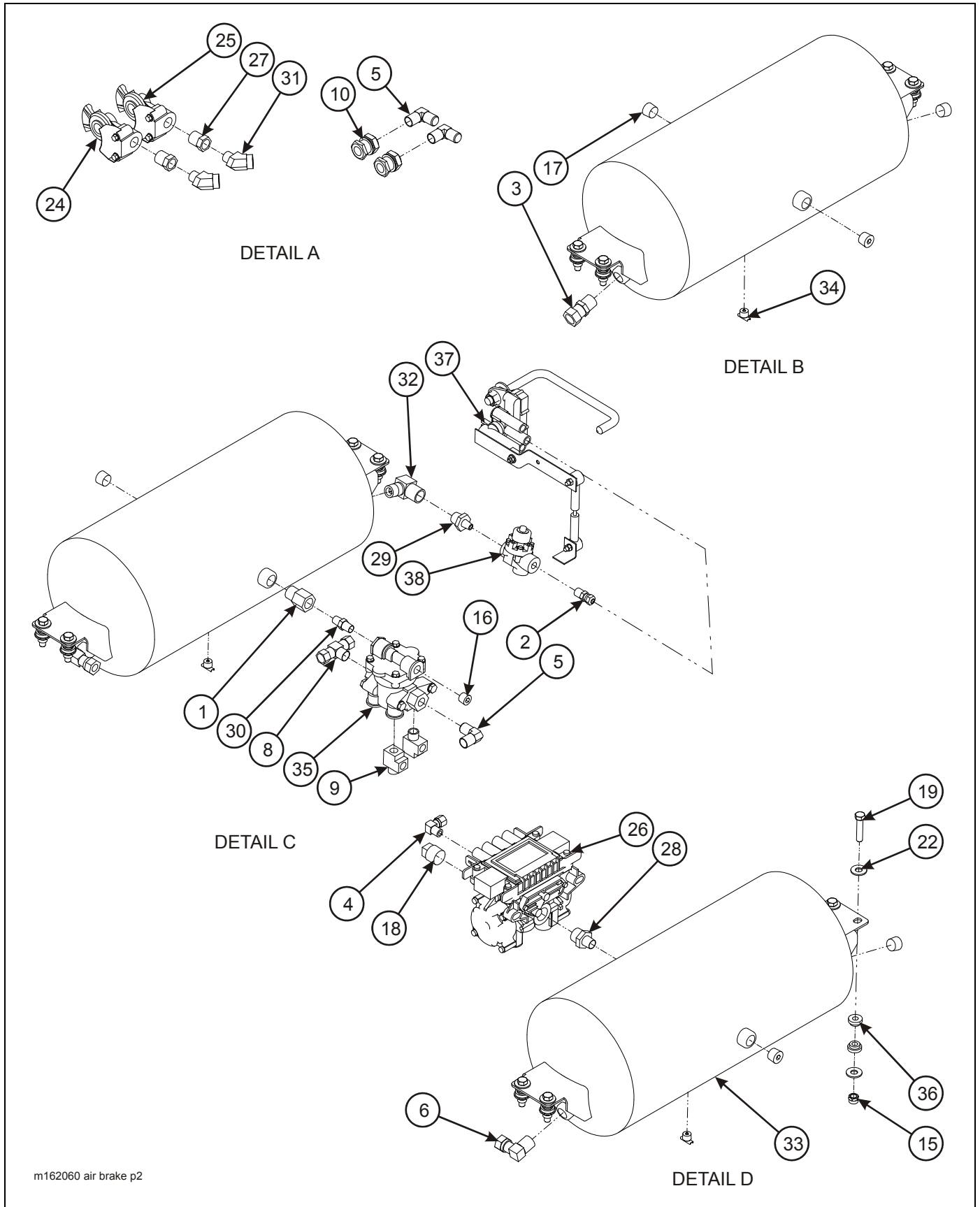


Figure 2-33: Air Brake System (855C) (2 of 3)

ILLUSTRATED PARTS LIST

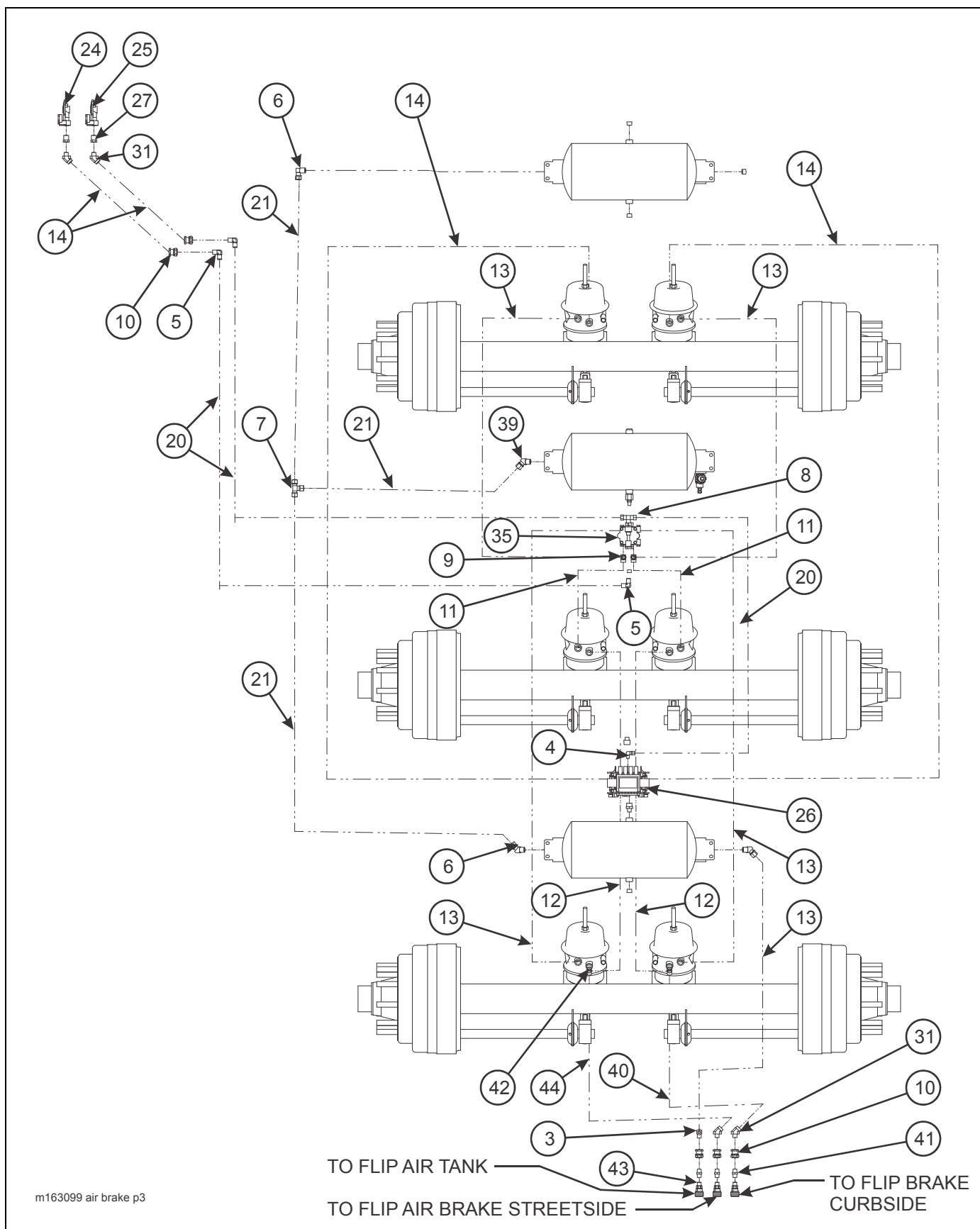
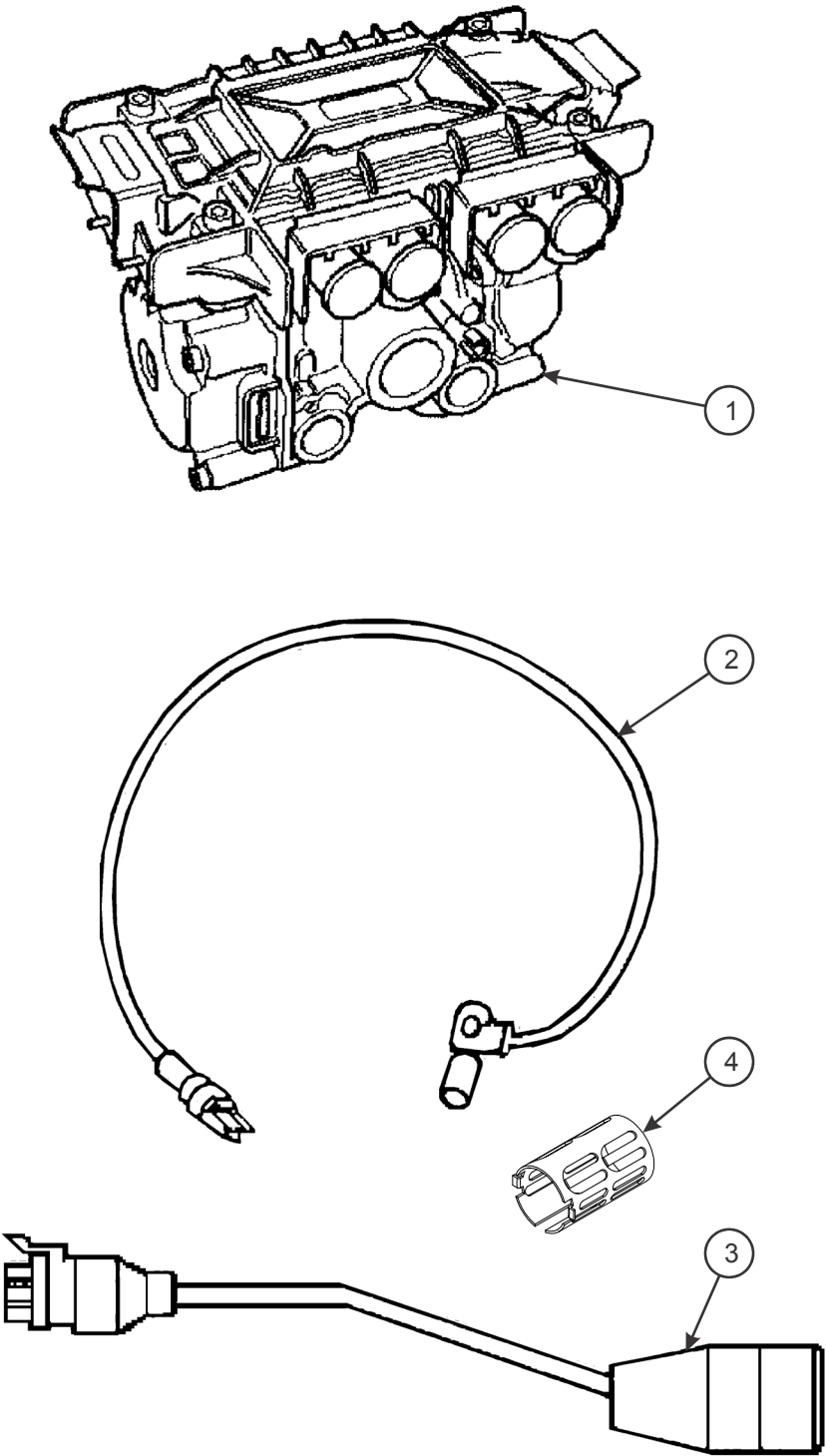


Figure 2-34: Air Brake System (855C) (3 of 3)

AIR BRAKE SYSTEM (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
	163099	FRAME ASSEMBLY 855-26	
	163515	FRAME ASSEMBLY 855-23-1/2	
1	1-297-010004-07	FITTING, BRASS PIPE ADAPTER 1/2 X 1/2	1
2	1-297-010007-05	FITTING, AIR 1/4 X 1/4	1
3	1-297-010008-23	FITTING, AIR 90	1
4	1-297-010008-18	FITTING, AIR 90	1
5	1-297-010008-20	FITTING, AIR 90	3
6	1-297-010008-24	FITTING, AIR 90	2
7	1-297-010010-06	FITTING, AIR UNION TEE	1
8	1-297-010015-07	FITTING, AIR BR TEE 3/8	1
9	1-297-010009-03	FITTING, AIR TEE	2
10	1-297-010022-03	FITTING, AIR ANCHOR COUPLING	2
11	1-384-010038024	HOSE, AIR 3/8 X 24	2
12	1-384-010038060	HOSE, AIR 3/8 X 60	2
13	1-384-010038072	HOSE, AIR 3/8 X 72	4
14	1-384-010038084	HOSE, AIR 3/8 X 84	4
15	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	8
16	1-560-010002-03	PLUG, PIPE 3/8	1
17	1-560-010002-04	PLUG, PIPE 1/2	6
18	1-560-010002-05	PLUG, PIPE 3/4	1
19	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	12
20	1-833-010002	TUBING, NYLON 3/8	AR
21	1-833-010003	TUBING, NYLON 1/2	AR
22	1-861-010032-11	WASHER, FLAT 3/8W	24
23	103861	SENSOR, EXT CABLE 3M (10 FT.) (NOT SHOWN)	REF
24	108801	GLAD HAND - RED - AIR	1
25	108802	GLAD HAND - BLUE - AIR	1
26	114586	ABS KIT 4S/2M TRI/SPREAD (SEE PAGE 2-55)	1
27	2081-8-6S	REDUCER	2
28	2083-12-8S	NIPPLE, HEX	1
29	2083-8-4S	NIPPLE, HEX	1
30	2083-8-8S	NIPPLE, HEX	1
31	2088-6-6S	ADAPTER 45	2
32	2089-8-8S	ADAPTER, 90	1
33	3-780-010002	AIR TANK	3
34	56D4	COCK, DRAIN AIR TANK	3
35	758-181	VALVE, TASK 4 PORT	1
36	805-2	BUSHING, STEP	24
37	900 54 007	HEIGHT CONTROL VALVE	REF
38	905-54-107	BRAKE PROTECTION VALVE	REF
39	1-297-010013-16	FITTING, AIR 45	3
40	1-384-010038054	HOSE, AIR 3/8 X 54	1
41	2083-6-6S	ADAPTER, HYD NIPPLE	3
42	2092-6-6S	TEE	2
43	3-220-010004	COUPLER, AIR FEMALE	3
44	1-384-010038072	HOSE, AIR 3/8 X 72	2

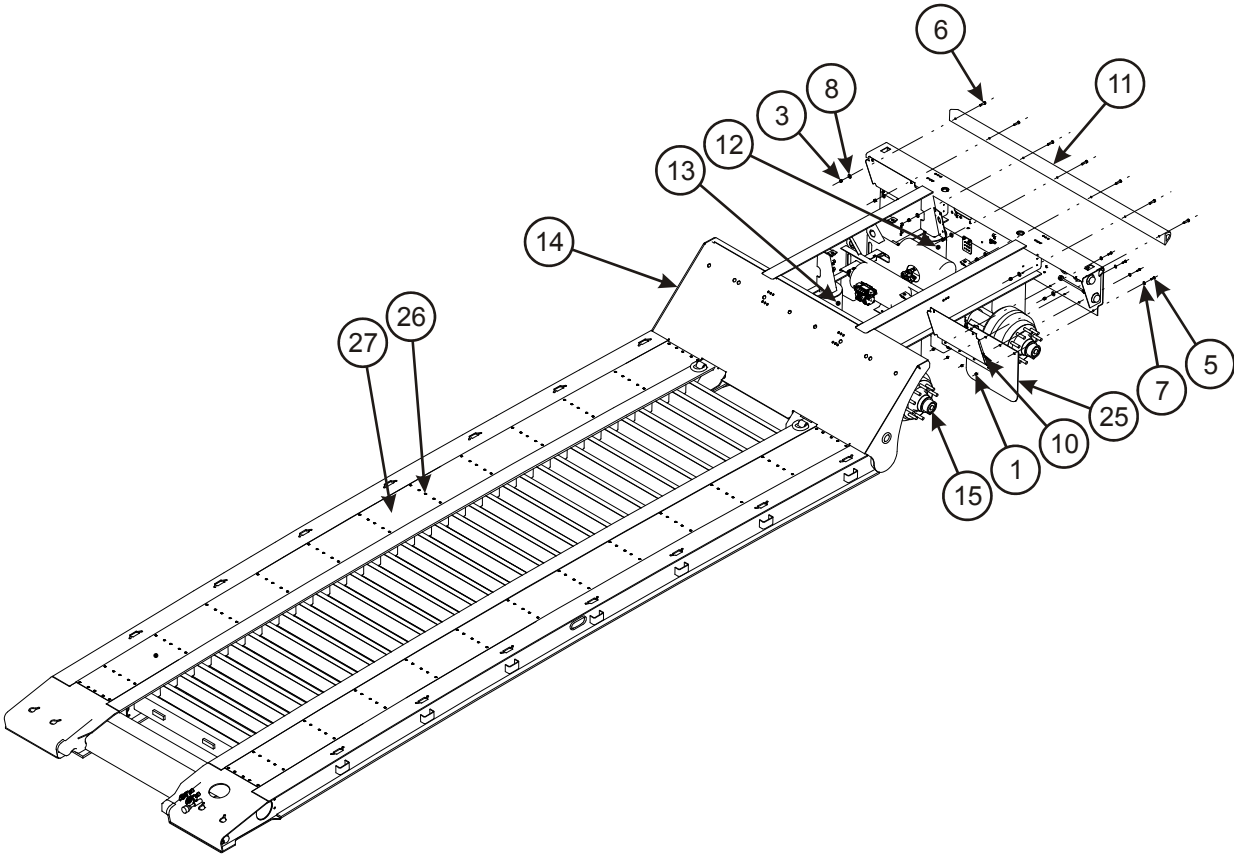


ma114584

Figure 2-35: Brake Kit, ABS (Rockwell)

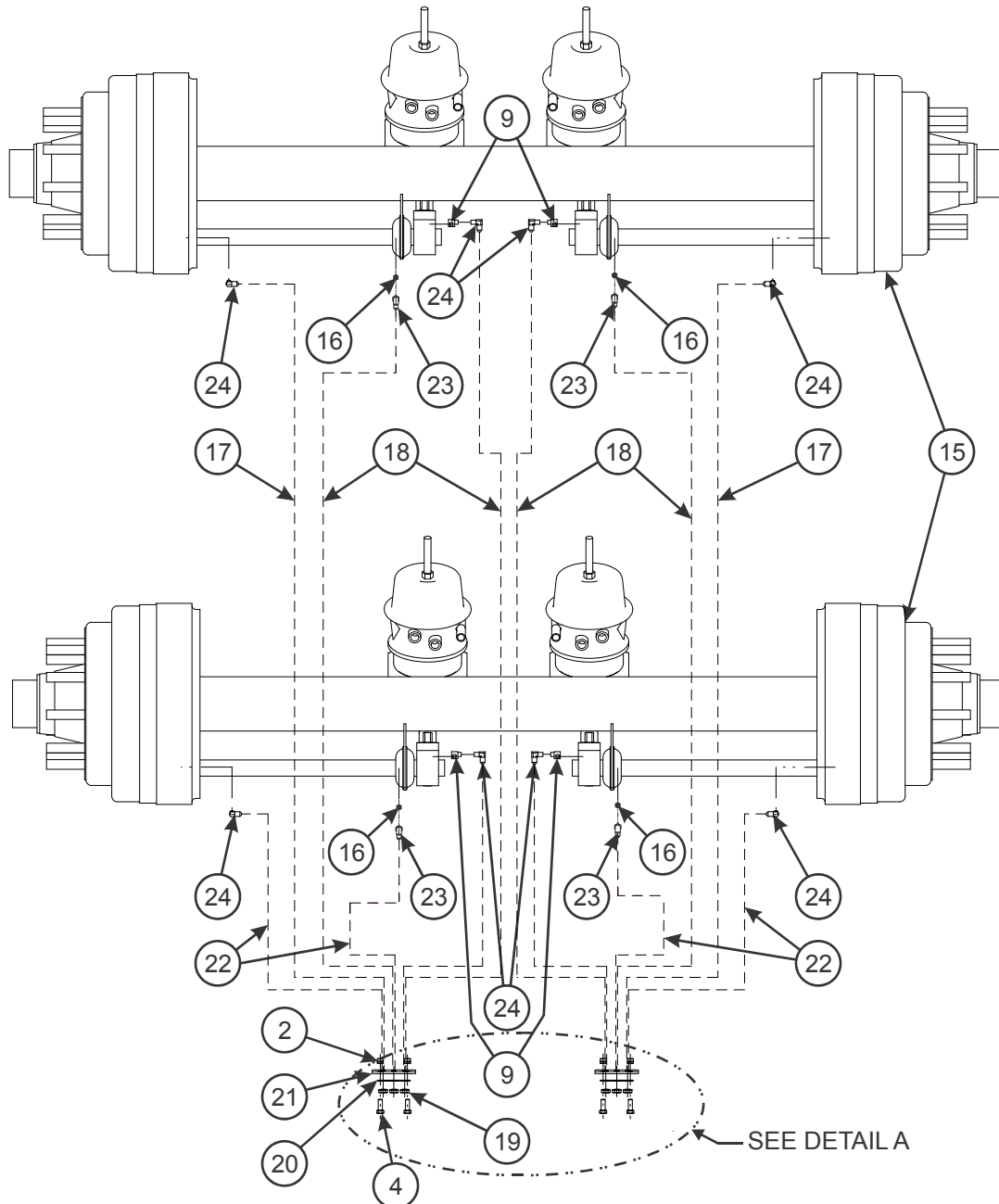
BRAKE KIT, ABS (ROCKWELL)

ITEM	PART NO.	DESCRIPTION	QTY.
	114584	BRAKE KIT, ROCKWELL ABS, 4S/2M	
	114586	BRAKE KIT, ROCKWELL ABS, 4S/2M TRI/SPD	
1	114588	ECU/VALVE ASSEMBLY	1
2	101848	SENSOR EXTENSION CABLE 1.78M (6 FT) (114584)	1
	103861	SENSOR EXTENSION CABLE 3M (10 FT) (114586)	1
3	147464	POWER/DIAGNOSTIC CABLE	1
4	101849	SPRING CLIP, ABS SENSOR	2
NOTE:	101847	ABS SENSOR CABLE-4M 90° (1FT) (NOT SHOWN) (SEE PAGE 2-87 FOR REFERENCE)	2



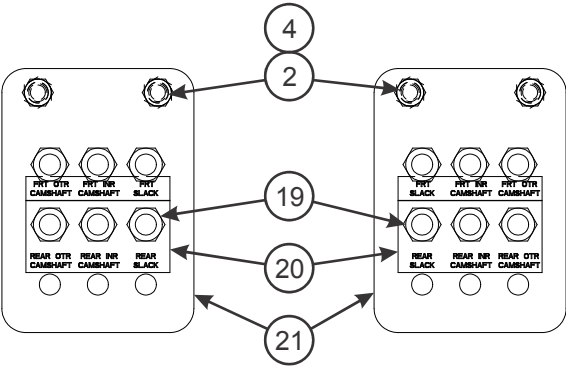
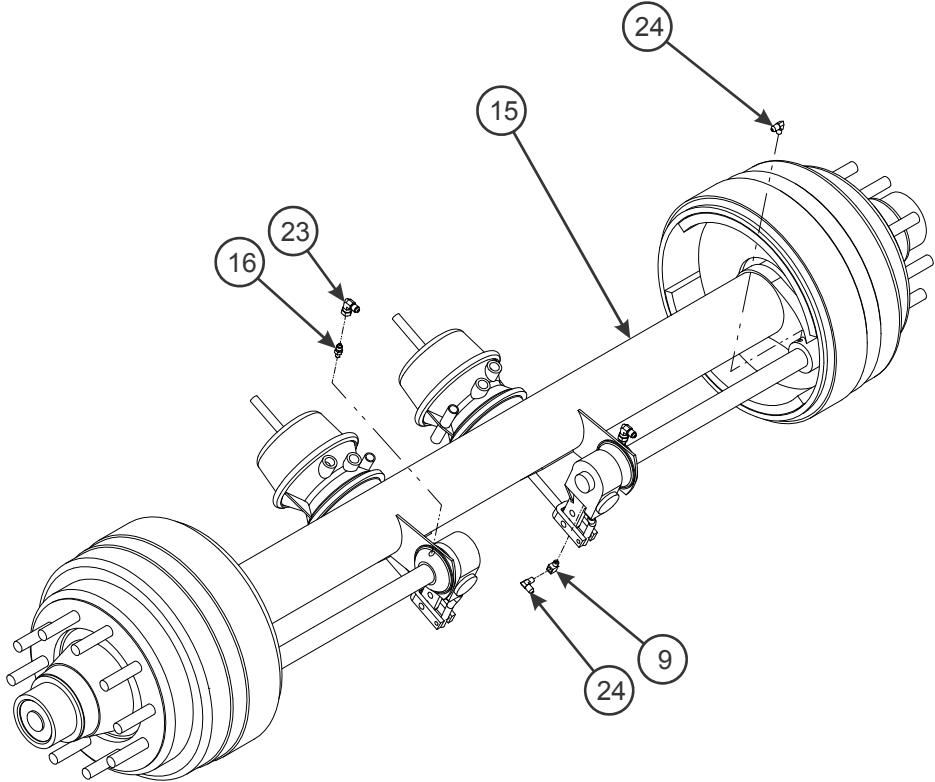
m155069 frame

Figure 2-36: Frame Assembly and Grease System (825C) (1 of 3)



m155069 grease p1

Figure 2-37: Frame Assembly and Grease System (825C) (2 of 3)

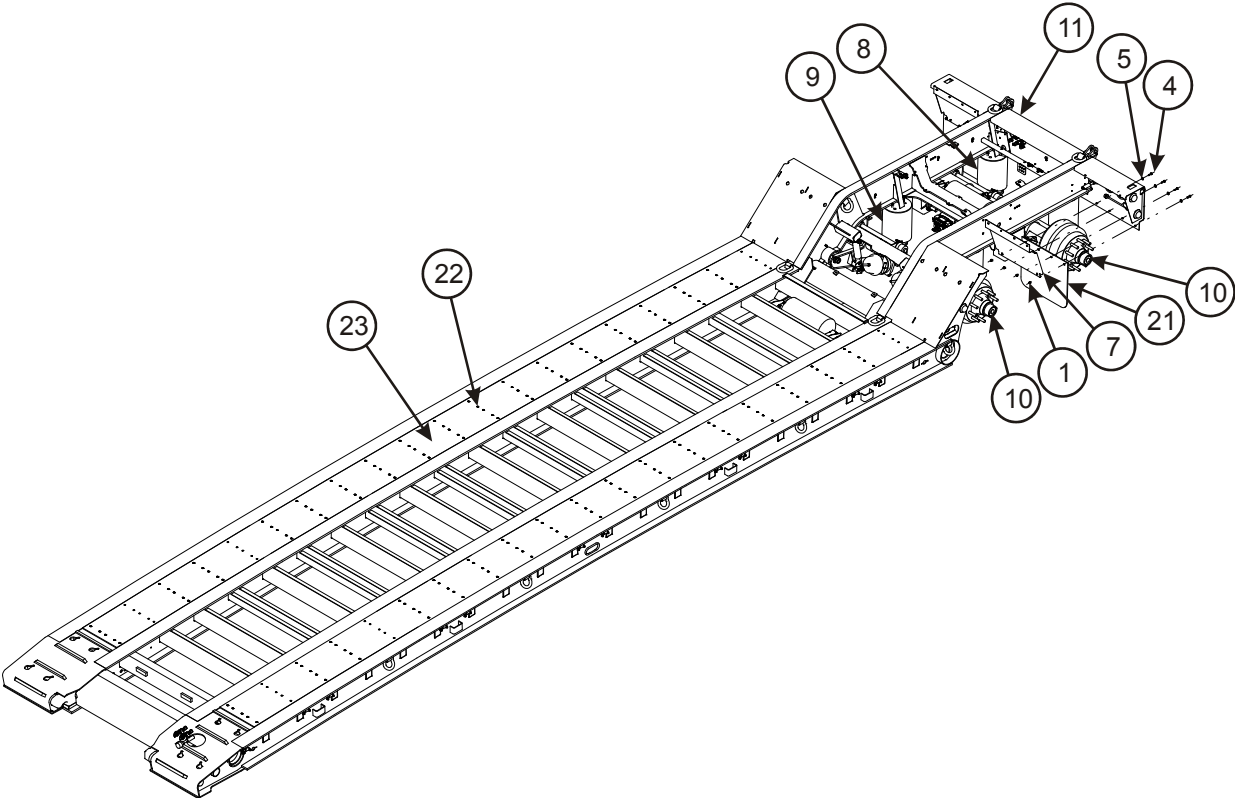


m155069 grease p2

Figure 2-38: Frame Assembly and Grease System (825C) (3 of 3)

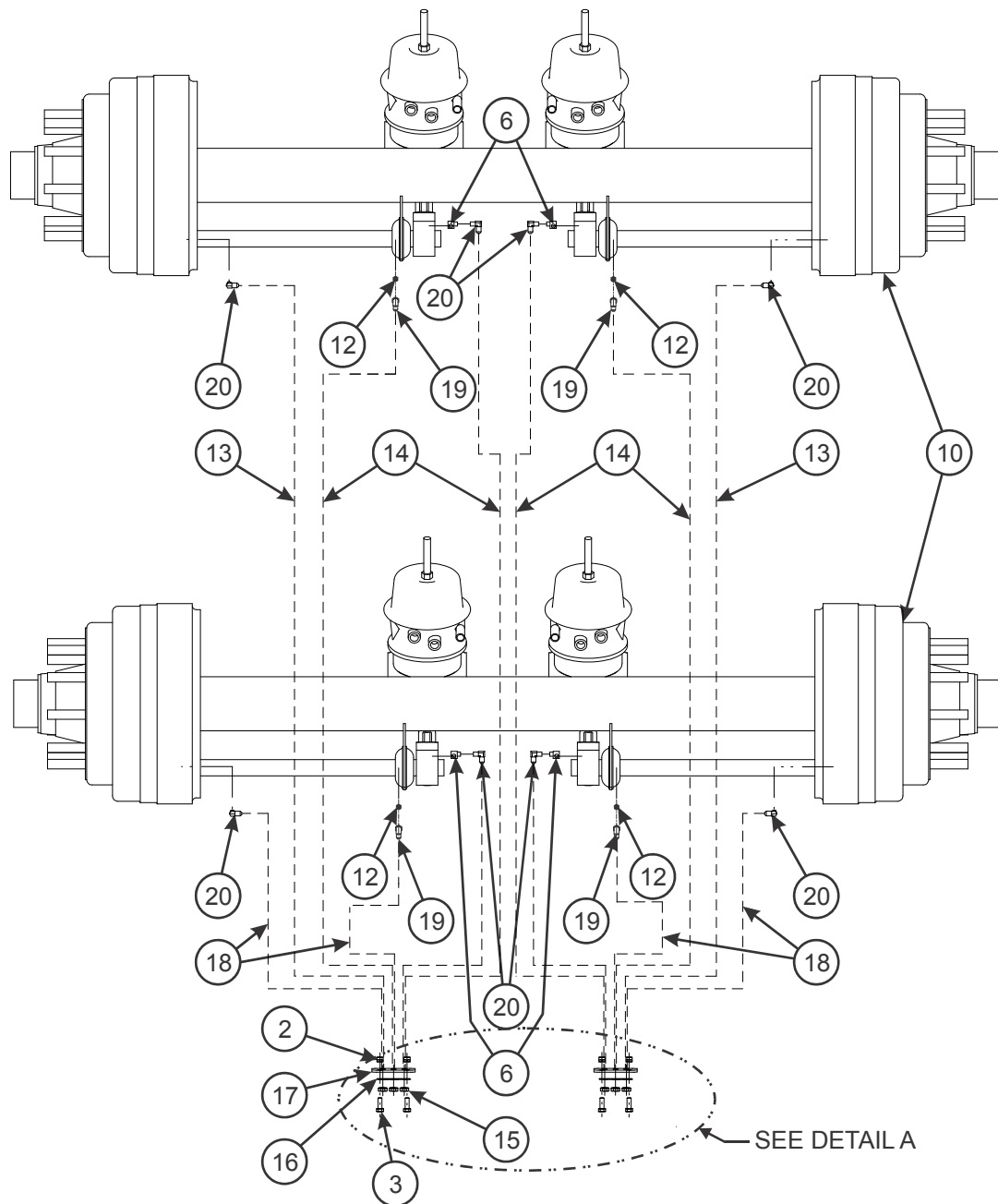
FRAME ASSEMBLY AND GREASE SYSTEM (825C)

ITEM	PART NO.	DESCRIPTION	QTY.
	155077	FRAME ASSEMBLY 825-23 I-BEAM	
	155076	FRAME ASSEMBLY 825-26 TANDEM	
	155071	FRAME ASSEMBLY 825-28 W/ RLU 250-9 TANDEM	
	155075	FRAME ASSEMBLY 825-28+3	
	155073	FRAME ASSEMBLY 825-28 I-BEAM	
	155072	FRAME ASSEMBLY 825-30 TANDEM	
	155074	FRAME ASSEMBLY 825-30+3	
1	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	8
2	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	4
3	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	7
4	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	4
5	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	8
6	1-654-010055-05	SCREW, HEX HEAD CAP 1/2-13 X 2 GR5	7
7	1-861-010032-11	WASHER, FLAT 3/8W	7
8	1-861-010032-15	WASHER, FLAT 1/2W	7
9	101528	ELBOW, BR PIPE STR	4
10	105132	SHIELD, TAIL LIGHT	2
11	106611	BUMPER, REAR TRAILER (825)	1
12	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 2-85)	1
13	110622	SUSPENSION FASTENER, RLU 250 FMT (SEE PAGE 2-83)	1
14	155088	FRAME WELDMENT 825-28 W/ RLU	1
	155080	FRAME WELDMENT 825-30 W/ RLU	1
	155102	FRAME WELDMENT 825-23	1
	155098	FRAME WELDMENT 825-26	1
	155092	FRAME WELDMENT 825-28 I-MBR	1
15	115752	AXLE WELDMENT 2516 SPG 79 327 FRT	1
	115756	AXLE WELDMENT 2516 SPG 79 327 CTR	1
	138961	AXLE WELDMENT 2516 SPG 79 FMT 79	1
	138962	AXLE WELDMENT 2516 SPG 79 FMT 79 (FOR AXLE BREAKDOWNS, SEE PAGE 2-87)	1
16	161797	ADAPTER, STR	4
17	142445	HOSE ASSEMBLY, GREASE 1/4 X 102	2
18	142446	HOSE ASSEMBLY, GREASE 1/4 X 118	4
19	142545	NUT, HEX JAM 7/16-20	12
20	142553	DECAL, GREASE TRAILER	2
21	146922	BRACKET, BULKHEAD GREASE LINE	2
22	146924	HOSE ASSEMBLY, GREASE 1/4 X 36	6
23	138155	ADAPTER, 90	4
24	2024-2-4S	ADAPTER, ELBOW	8
25	3-485-010001	MUD FLAP 21"	2
26	158732	SCREW, TORX FLOOR 5/16 X 2-1/4	AR
27	RWD34999	DECK, WOOD TRACK	AR



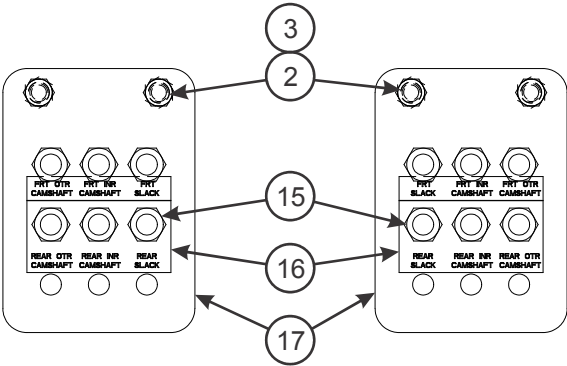
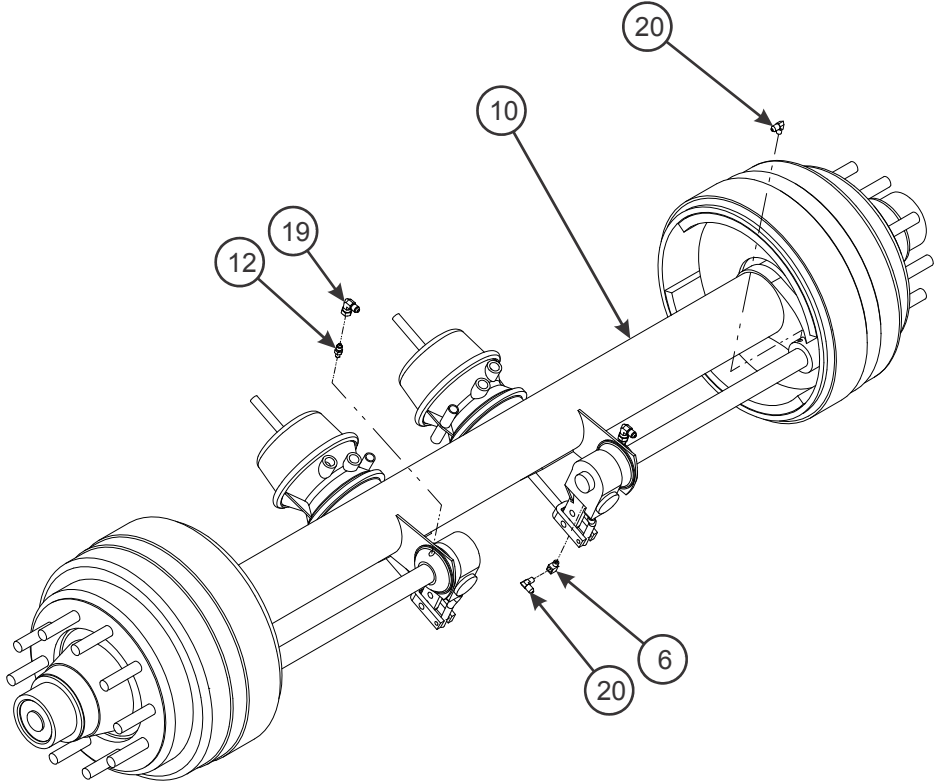
m146914 frame

Figure 2-39: Frame Assembly and Grease System (835C) (1 of 5)



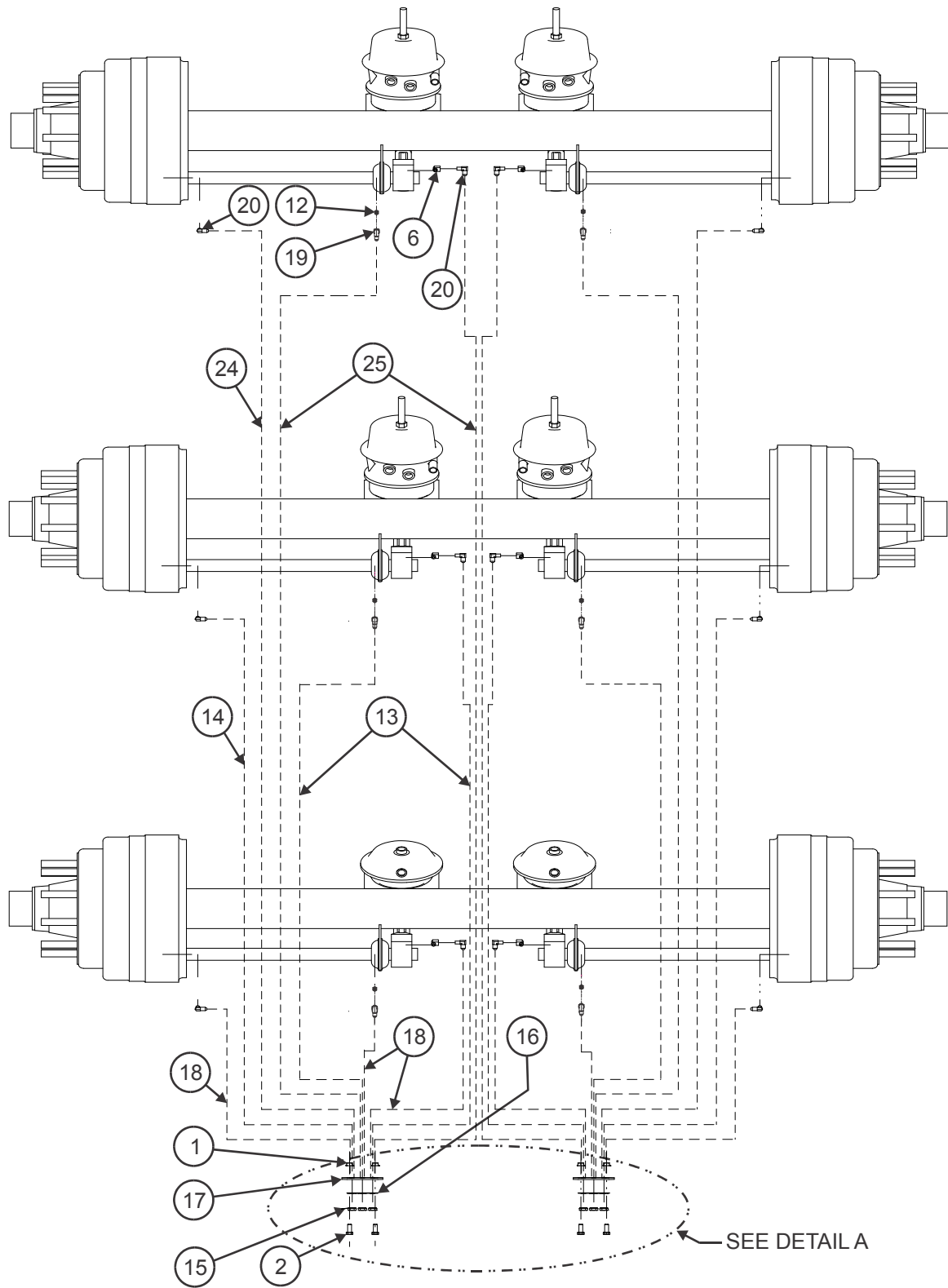
m146914 grease p1

Figure 2-40: Frame Assembly and Grease System (835C - Tandem) (2 of 5)



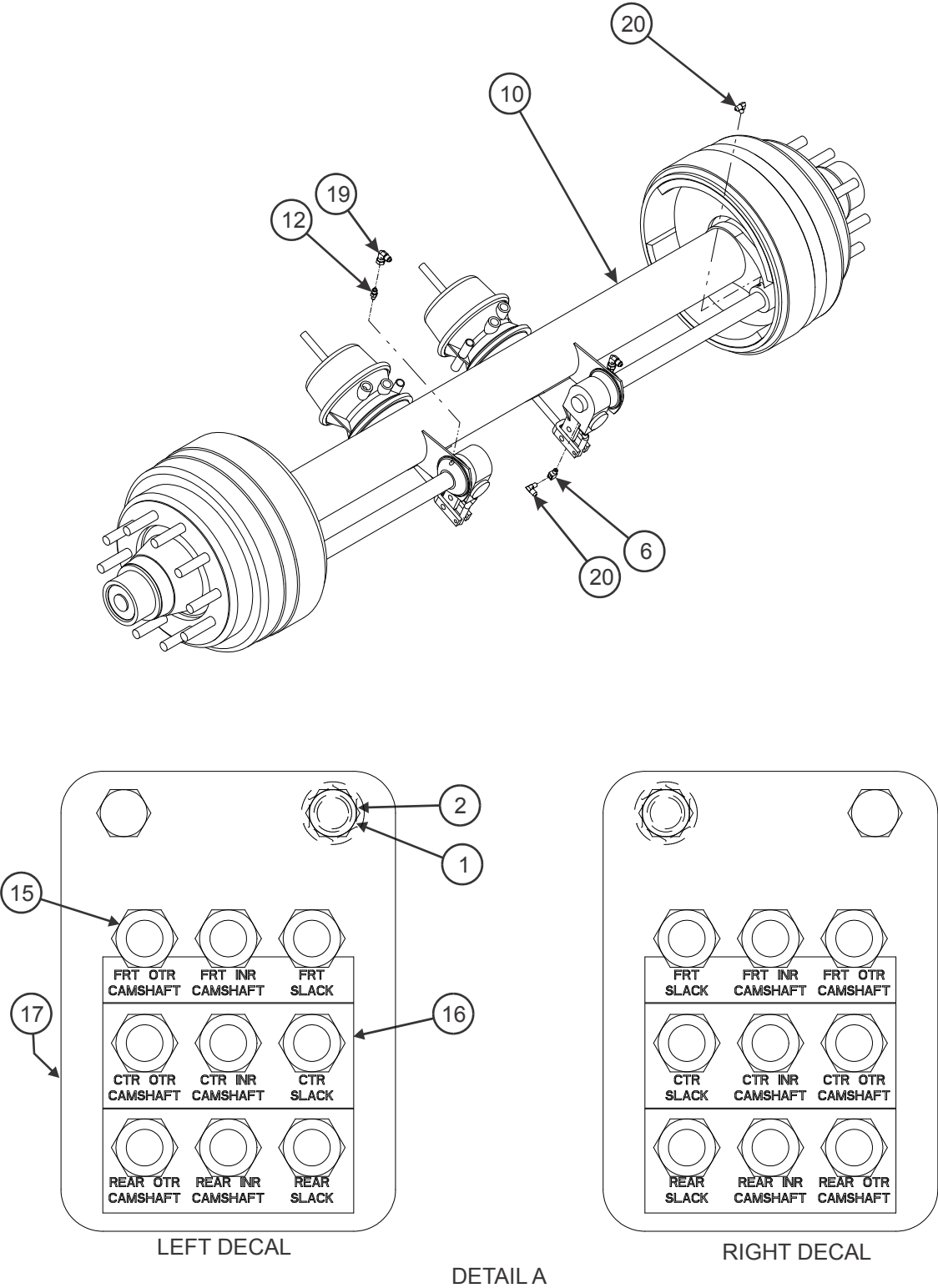
m146914 grease p2

Figure 2-41: Frame Assembly and Grease System (835C - Tandem) (3 of 5)



m146912 P1

Figure 2-42: Frame Assembly and Grease System (835C - Triple) (4 of 5)



m146912 P2

Figure 2-43: Frame Assembly and Grease System (835C - Triple) (5 of 5)

FRAME ASSEMBLY AND GREASE SYSTEM (835C)

ITEM	PART NO.	DESCRIPTION	QTY.
	146910	FRAME ASSEMBLY 835AG-S26 TANDEM	
	146911	FRAME ASSEMBLY 835AG-R26 TANDEM	
	146912	FRAME ASSEMBLY 835AG-R27 TRIPLE	
	146913	FRAME ASSEMBLY 83AG-27 TANDEM	
	146914	FRAME ASSEMBLY 835AG-30	
	146918	FRAME ASSEMBLY 835AG-26-53	
1	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	8
2	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	4
3	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	4
4	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	8
5	1-861-010032-11	WASHER, FLAT 3/8W	7
6	101528	ELBOW, BR PIPE STR	4
7	105132	SHIELD, TAIL LIGHT	2
8	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 2-85)	1
9	110622	SUSPENSION FASTENER, RLU 250 FMT (SEE PAGE 2-83)	1
10	115752	AXLE WELDMENT 2516 SPG 79 FRT	1
	115756	AXLE WELDMENT 2516 SPG 79 CTR	1
	115757	AXLE WELDMENT 2516 SER 79 REAR	1
	138961	AXLE WELDMENT 2516 SPG 79 FMT 79	1
	138962	AXLE WELDMENT 2516 SPG 79 FMT 79 (FOR AXLE BREAKDOWNS, SEE PAGE 2-87)	1
11	129874	FRAME WELDMENT 835AG-S26 TANDEM	1
	129857	FRAME WELDMENT 835AG-R26 TANDEM	1
	129293	FRAME WELDMENT 835AG-R27 TRIPLE	1
	127844	FRAME WELDMENT 83AG-27 TANDEM	1
	120819	FRAME WELDMENT 835AG-30	1
	146936	FRAME WELDMENT 835AG-26-53	1
	160048	FRAME WELDMENT 835-30 P/O	
12	161797	ADAPTER, STR	4
13	142445	HOSE ASSEMBLY, GREASE 1/4 X 102	2
14	142446	HOSE ASSEMBLY, GREASE 1/4 X 118	4
15	142545	NUT, HEX JAM 7/16-20	12
16	142553	DECAL, GREASE TRAILER	2
17	146922	BRACKET, BULKHEAD GREASE LINE	2
18	146924	HOSE ASSEMBLY, GREASE 1/4 X 36	6
19	138155	ADAPTER, 90	4
20	2024-2-4S	ADAPTER, ELBOW	8
21	3-485-010001	MUD FLAP 21"	2
22	3-654-010129-1	SCREW, TORX FLOOR 5/16	AR
23	RWD34999	DECK, WOOD TRACK	AR
24	142451	HOSE ASSEMBLY, GREASE 1/4 X 156	2
25	144614	HOSE ASSEMBLY, GREASE 1/4 X 172	6

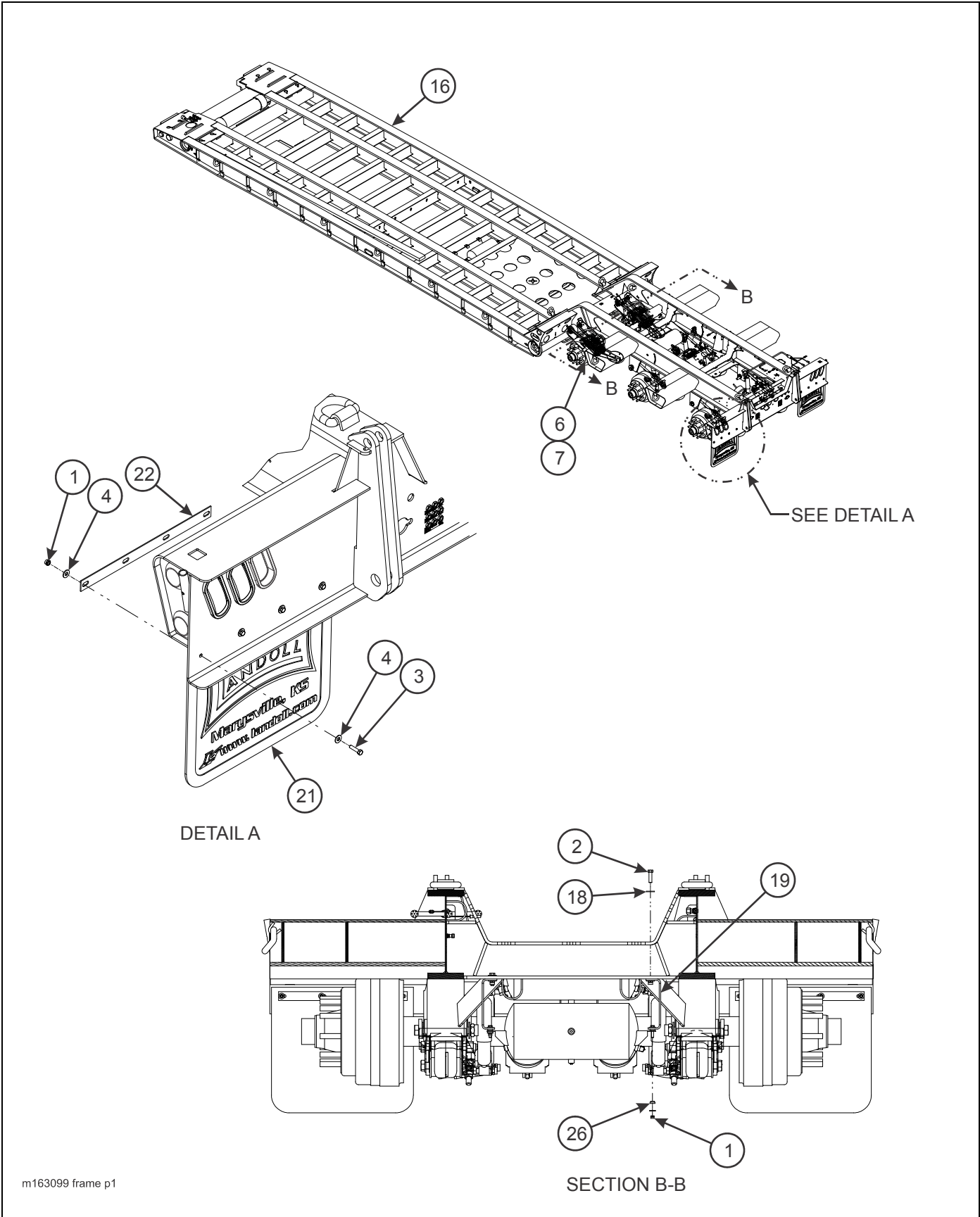
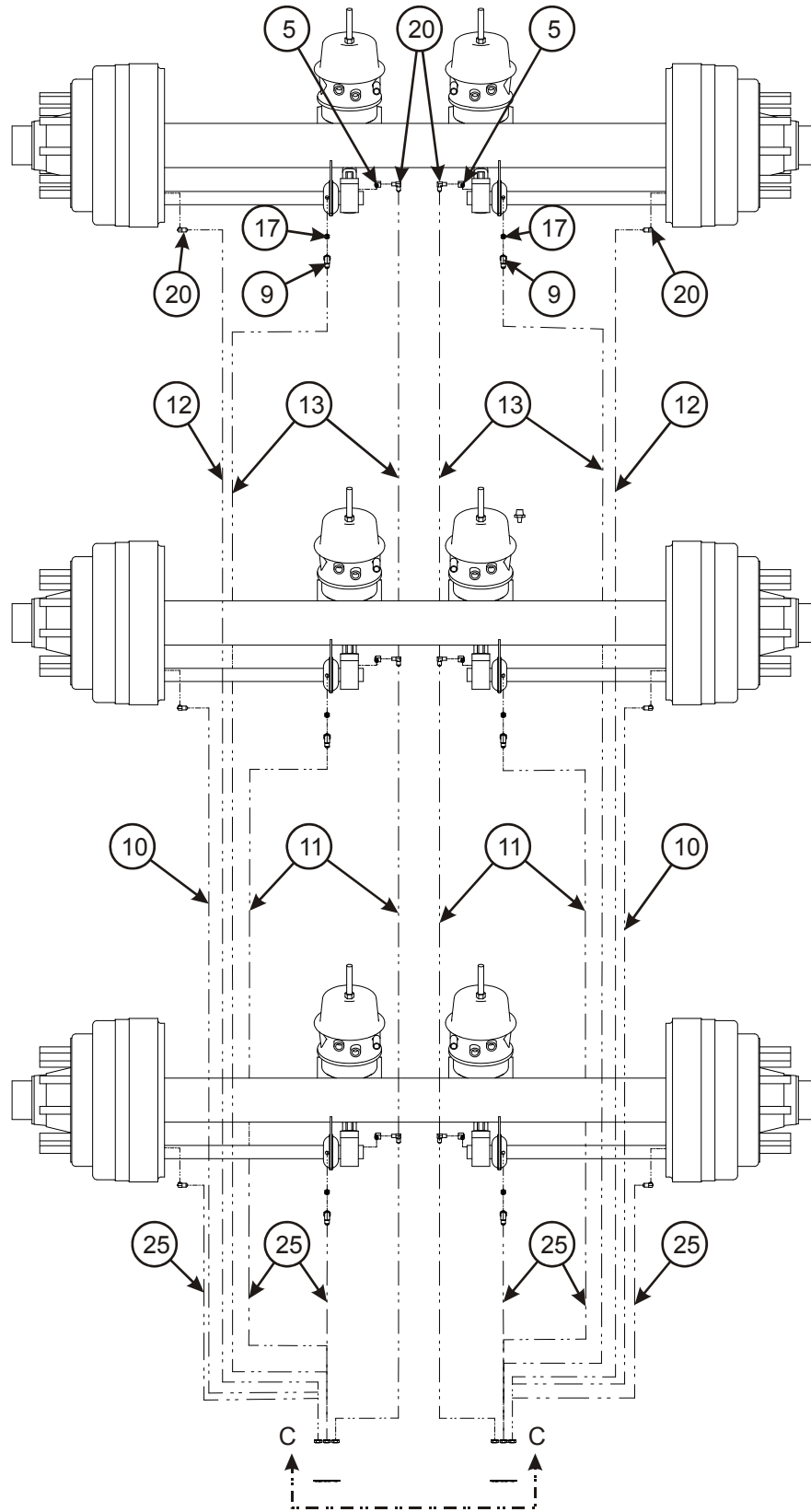
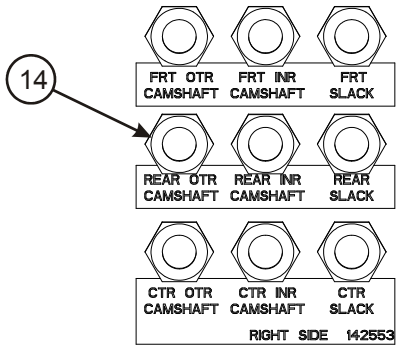
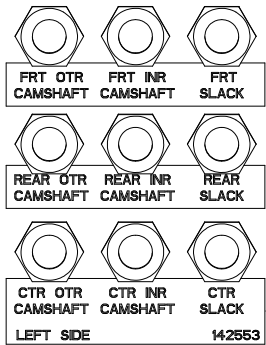
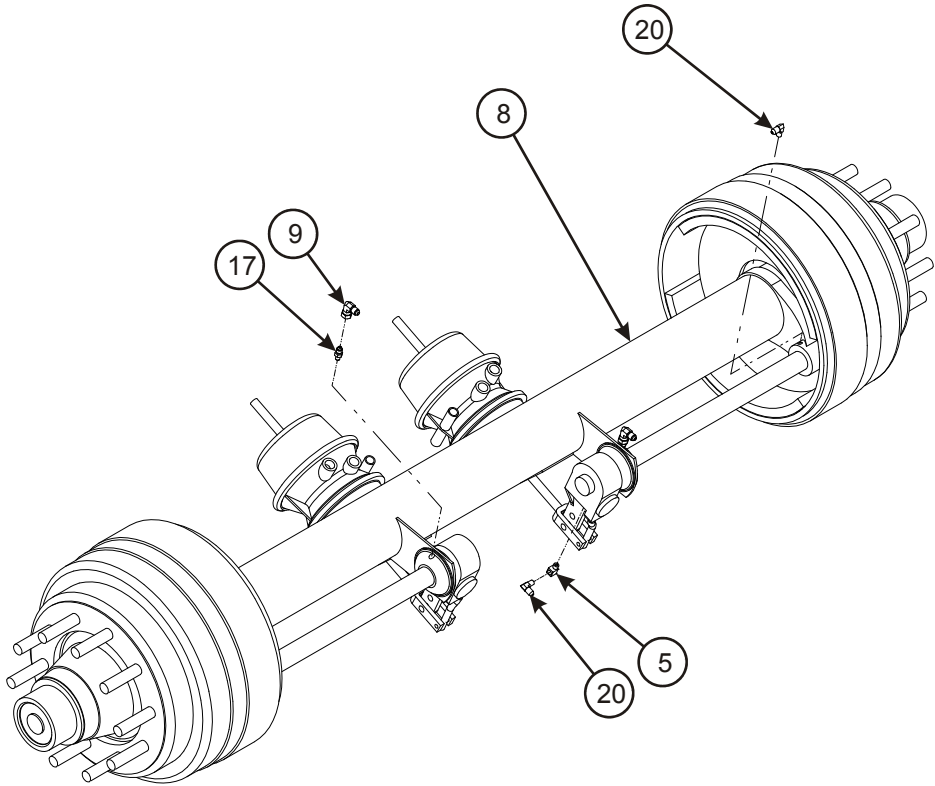


Figure 2-44: Frame Assembly and Grease System (855C) (1 of 3)



m162060 grease

Figure 2-45: Frame Assembly and Grease System (855C) (2 of 3)



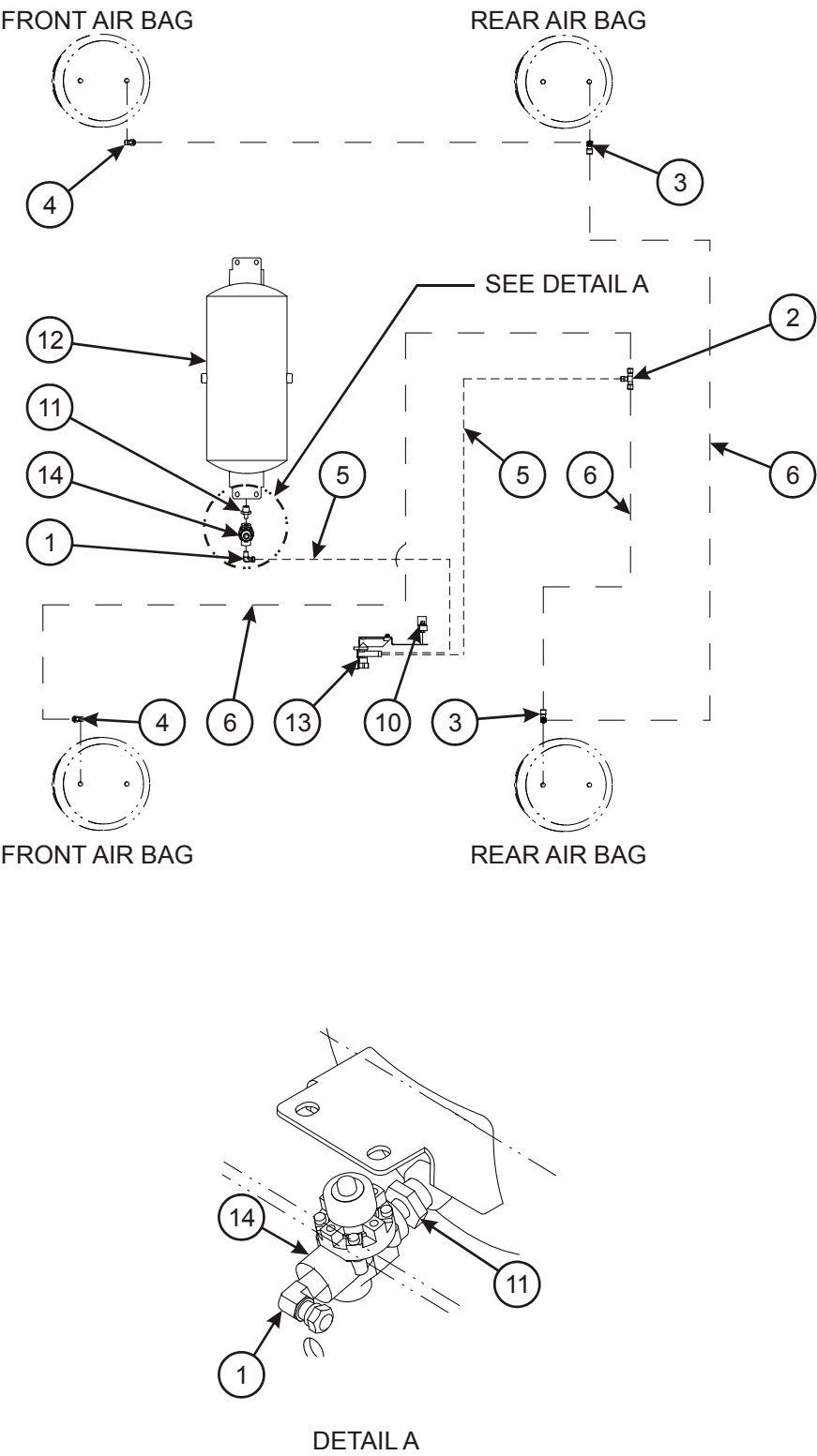
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m162060 grease p2

Figure 2-46: Frame Assembly and Grease System (855C) (3 of 3)

FRAME ASSEMBLY AND GREASE SYSTEM (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
	163099	FRAME ASSEMBLY 855-26	
	163515	FRAME ASSEMBLY 855-23-1/2	
1	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	25
2	1-654-010055-04	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	5
3	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	4
4	1-861-010032-11	WASHER, FLAT 3/8W	50
5	101528	ELBOW, BR PIPE STR	6
6	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 2-85)	REF
7	110622	SUSPENSION FASTENER, RLU 250 FMT (SEE PAGE 2-83)	REF
8	115752	AXLE WELDMENT 2516 SPG 79 FRT	REF
	115756	AXLE WELDMENT 2516 SPG 79 CTR (FOR AXLE BREAKDOWNS, SEE PAGE 2-87)	REF
9	138155	ADAPTER, 90	6
10	142445	HOSE ASSEMBLY, GREASE 1/4 X 102	2
11	142446	HOSE ASSEMBLY, GREASE 1/4 X 118	4
12	142451	HOSE ASSEMBLY, GREASE 1/4 X 156	2
13	142452	HOSE ASSEMBLY, GREASE 1/4 X 162	4
14	142545	NUT, HEX JAM 7/16-20	18
15	142553	DECAL, GREASE TRAILER	2
16	163065	FRAME WELDMENT 855-26 (163099)	1
	163517	FRAME WELDMENT 855-23-1/2 (163515)	1
17	161797	ADAPTER, STRAIGHT 5/16-18	6
18	1-861-010032-15	WASHER, FLAT 1/2W	9
19	163092	BRACKET, AIR TANK	1
20	2024-2-4S	ADAPTER, ELBOW	12
21	3-485-010001	MUD FLAP 21"	2
22	3-762-010017	CLAMP, MUD FLAP	2
23	158732	SCREW, TORX FLOOR 5/16 (NOT SHOWN)	AR
24	RWD34999	DECK, WOOD TRACK (NOT SHOWN)	AR
25	146924	HOSE ASSEMBLY, GREASE 1/4 X 36	6
26	805-2	BUSHING, STEP	24

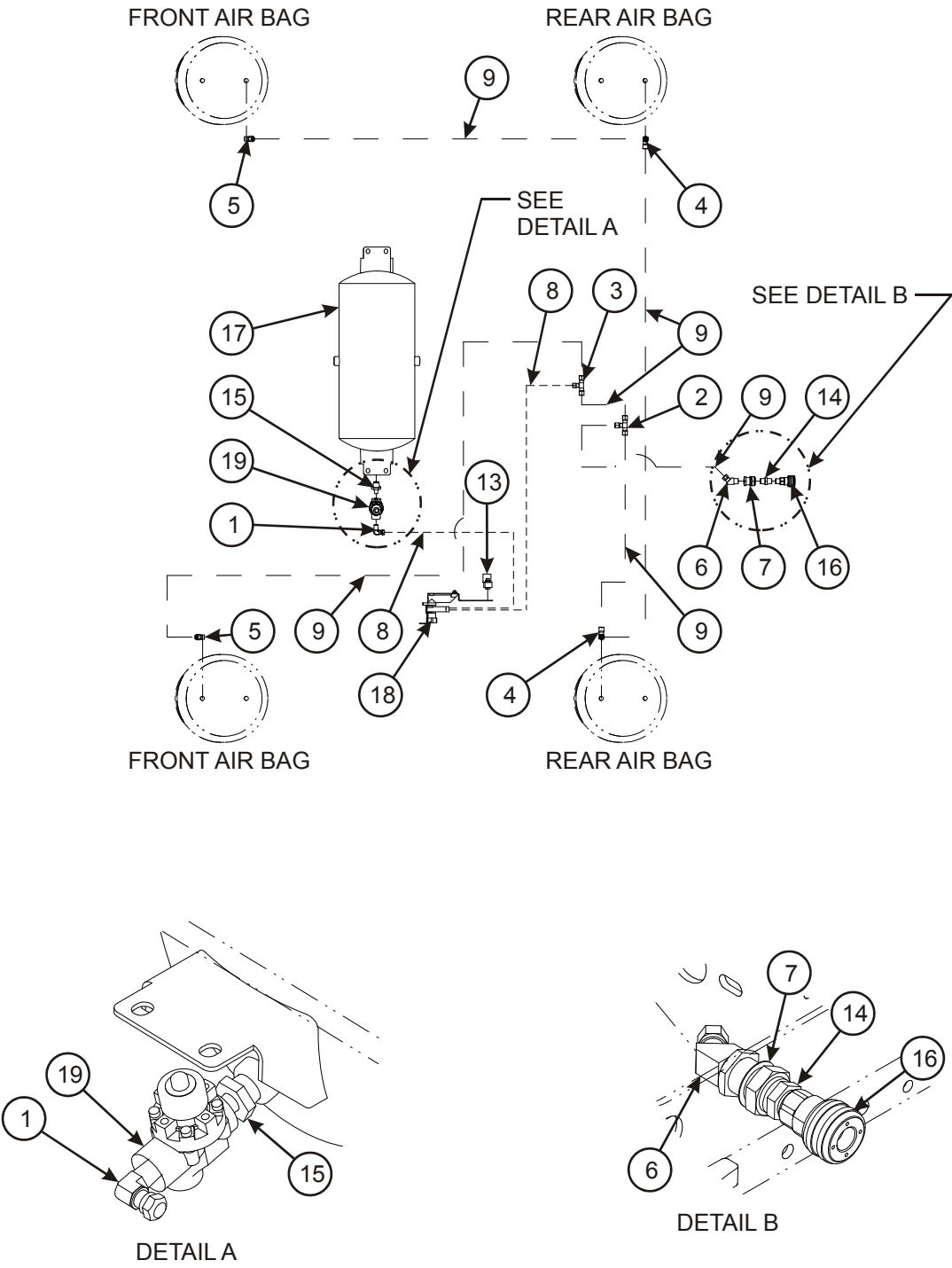


m155069 air ride susp

Figure 2-47: Frame Assembly - Air Ride Suspension (825C)

FRAME ASSEMBLY - AIR RIDE SUSPENSION (825C)

ITEM	PART NO.	DESCRIPTION	QTY.
	155077	FRAME ASSEMBLY 825-23 I-BEAM	
	155076	FRAME ASSEMBLY 825-26 TANDEM	
	155071	FRAME ASSEMBLY 825-28 W/ RLU 250-9 TANDEM	
	155075	FRAME ASSEMBLY 825-28+3	
	155073	FRAME ASSEMBLY 825-28 I-BEAM	
	155072	FRAME ASSEMBLY 825-30 TANDEM	
	155074	FRAME ASSEMBLY 825-30+3	
1	1-297-010008-07	FITTING, AIR 90	1
2	1-297-010010-04	FITTING, AIR UNION TEE	1
3	1-297-010011-04	FITTING, AIR M/RUN TEE	2
4	1-297-010013-11	FITTING, AIR 45 EL	2
5	1-833-010001	TUBING, NYLON 1/4	AR
6	1-833-010002	TUBING, NYLON 3/8	AR
7	102732	AIR CONTROL KIT (INCL ITEMS 10, 13, & 14) (SEE PAGE 2-81)	1
8	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 2-85)	REF
9	110622	SUSPENSION FASTENER, RLU 250 FMT (SEE PAGE 2-83)	REF
10	111021	KIT, SRK-167	REF
11	2083-8-4S	NIPPLE 1/4 X 1/2	1
12	3-780-010002	TANK, AIR 9.5 X 22.5	2
13	900 54 007	HEIGHT CONTROL VALVE	REF
14	905-54-107	BRAKE PROTECTOR VALVE	REF



m146914 air ride susp

Figure 2-48: Frame Assembly - Air Ride Suspension (Tandem) (835C)

FRAME ASSEMBLY - AIR RIDE SUSPENSION (TANDEM) (835C)

ITEM	PART NO.	DESCRIPTION	QTY.
	146910	FRAME ASSEMBLY 835AG-S26 TANDEM	
	146913	FRAME ASSEMBLY 83AG-27 TANDEM	
	146914	FRAME ASSEMBLY 835AG-30 TANDEM	
	146918	FRAME ASSEMBLY 835AG-26-53 TANDEM	
1	1-297-010008-07	FITTING, AIR 90	1
2	1-297-010010-03	FITTING, AIR UNION TEE	1
3	1-297-010010-04	FITTING, AIR UNION TEE	1
4	1-297-010011-04	FITTING, AIR TEE	2
5	1-297-010013-11	FITTING, AIR 45 EL	2
6	1-297-010013-12	FITTING, AIR 45	1
7	1-297-010022-03	FITTING, AIR	2
8	1-833-010001	TUBING, NYLON 1/4	AR
9	1-833-010002	TUBING, NYLON 3/8	AR
10	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 2-85)	1
11	110622	SUSPENSION FASTENER, RLU 250 FMT (SEE PAGE 2-83)	1
12	102732	AIR CONTROL KIT (INCL ITEMS 13, 18-19) (SEE PAGE 2-81)	1
13	111021	KIT, SRK-167	REF
14	2083-6-6S	ADAPTER, HYD NIPPLE	1
15	2083-8-4S	NIPPLE 3/4 X 1/2	1
16	3-220-010004	COUPLER, AIR FEMALE	1
17	3-780-010002	TANK, AIR 9.5 X 22.5	2
18	900 54 007	HEIGHT CONTROL VALVE	REF
19	905-54-107	BRAKE PROTECTOR VALVE	REF

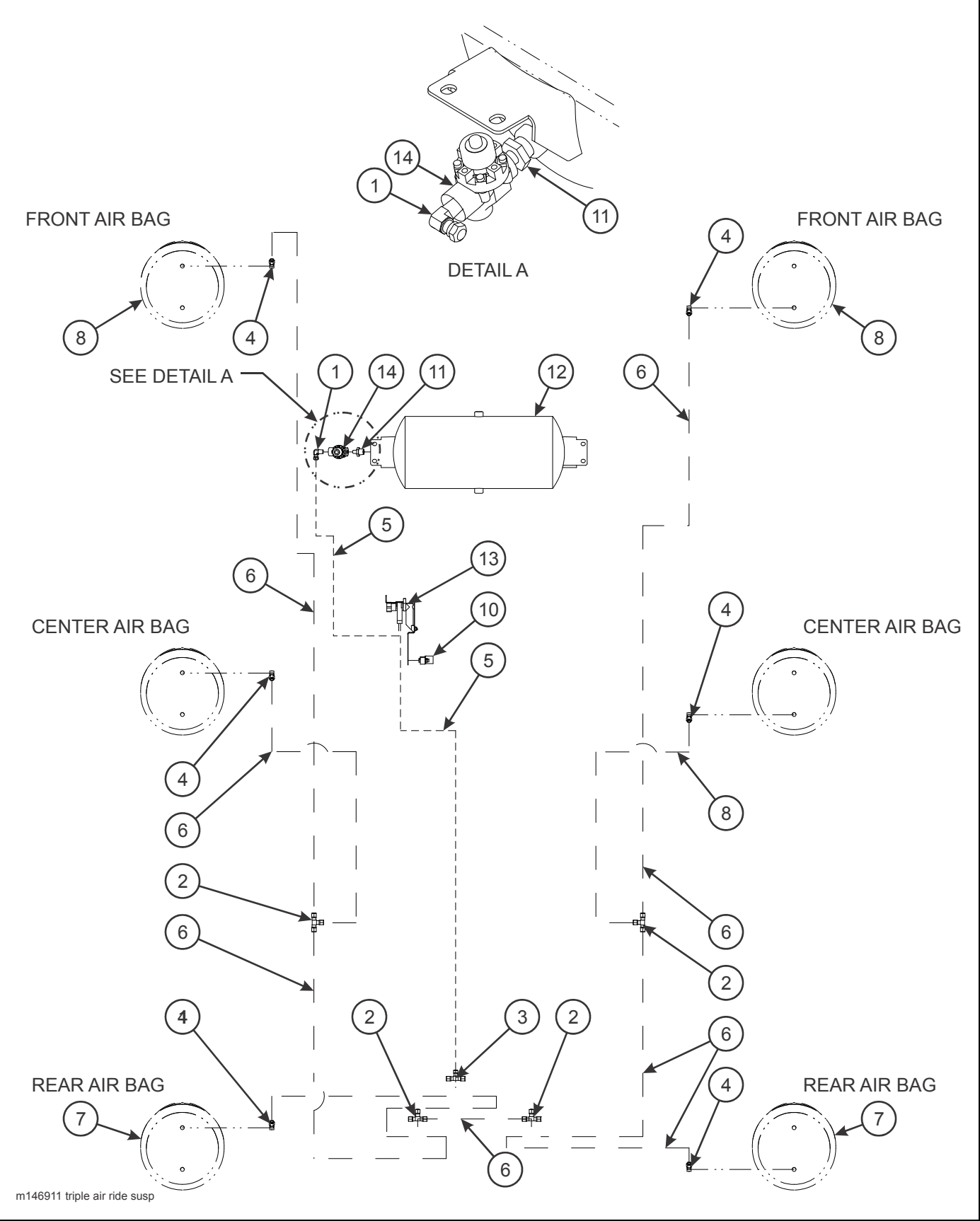
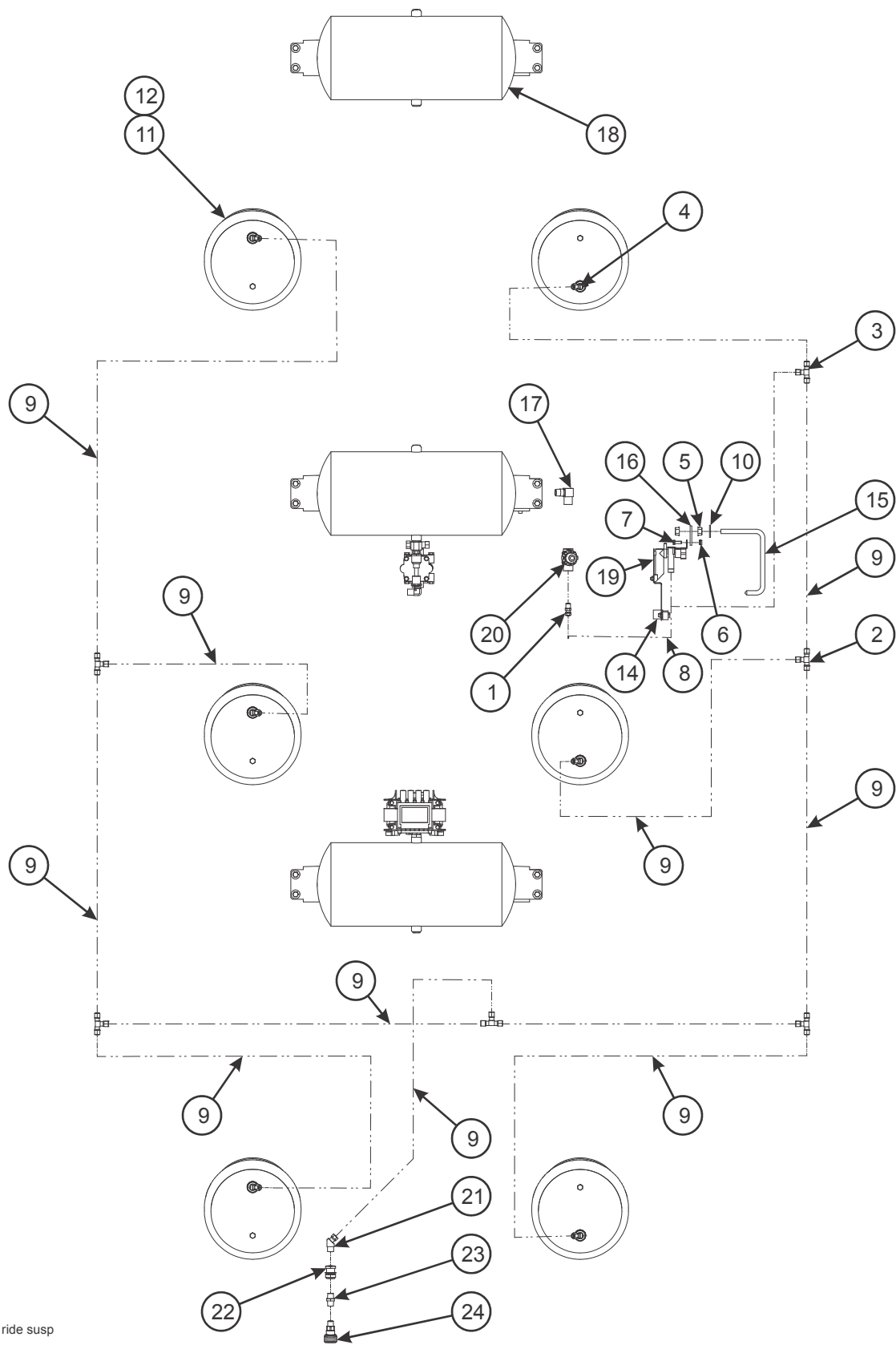


Figure 2-49: Frame Assembly - Air Ride Suspension (Triple) (835C)

FRAME ASSEMBLY - AIR RIDE SUSPENSION (TRIPLE) (835C)

ITEM	PART NO.	DESCRIPTION	QTY.
	146911	FRAME ASSEMBLY 835AG-R26 TRIPLE	
	146912	FRAME ASSEMBLY 835AG-R27 TRIPLE	
1	1-297-010008-07	FITTING, AIR 90	1
2	1-297-010010-03	FITTING, AIR UNION TEE	4
3	1-297-010010-04	FITTING, AIR UNION TEE	1
4	1-297-010013-11	FITTING, AIR 45 EL	6
5	1-833-010001	TUBING, NYLON 1/4	AR
6	1-833-010002	TUBING, NYLON 3/8	AR
7	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 2-85)	1
8	110622	SUSPENSION FASTENER, RLU 250 FMT (SEE PAGE 2-83)	1
9	102732	AIR CONTROL KIT (INCL ITEMS 10, 13-14) (SEE PAGE 2-81)	1
10	111021	KIT, SRK-167	REF
11	2083-8-4S	NIPPLE 3/4 X 1/2	1
12	3-780-010002	TANK, AIR 9.5 X 22.5	3
13	900 54 007	HEIGHT CONTROL VALVE	REF
14	905-54-107	BRAKE PROTECTOR VALVE	REF



m163099 air ride susp

Figure 2-50: Frame Assembly - Air Ride Suspension (855C)

FRAME ASSEMBLY - AIR RIDE SUSPENSION (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
	163099	FRAME ASSEMBLY 855-26	
	163515	FRAME ASSEMBLY 855-23-1/2	
1	1-297-010007-05	FITTING, AIR	1
2	1-297-010010-03	FITTING, AIR UNION TEE	5
3	1-297-010010-04	FITTING, AIR UNION TEE	1
4	1-297-010013-11	FITTING, AIR 45 EL	6
5	1-510-010003-09	NUT, FLANGE HEAD SERRATED 1/2-13	2
6	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	4
7	1-654-010047-04	SCREW, HEX HEAD CAP 1/4-20 X 3/4 GR5	2
8	1-833-010001	TUBING, NYLON 1/4	AR
9	1-833-010002	TUBING, NYLON 3/8	AR
10	1-861-010032-15	WASHER, FLAT 1/2W	1
11	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 2-85)	1
12	110622	SUSPENSION FASTENER, RLU 250 FMT (SEE PAGE 2-83)	1
13	102732	AIR CONTROL KIT (INCL ITEMS 14, 19-20) (SEE PAGE 2-81)	1
14	111021	KIT, SRK-167	REF
15	162067	ROD, SUSPENSION HEIGHT CONTROL	1
16	162068	PLATE, MOUNT HEIGHT CONTROL	1
17	2089-8-8S	ADAPTER, 90	1
18	3-780-010002	TANK, AIR 9.5 X 22.5	3
19	900 54 007	HEIGHT CONTROL VALVE	REF
20	905-54-107	BRAKE PROTECTOR VALVE	REF
21	1-297-010013-12	FITTING, AIR 45	1
22	1-297-010022-03	FITTING, AIR	6
23	2083-6-6S	ADAPTER, HYD NIPPLE	6
24	3-220-010004	COUPLER, AIR FEMALE	4

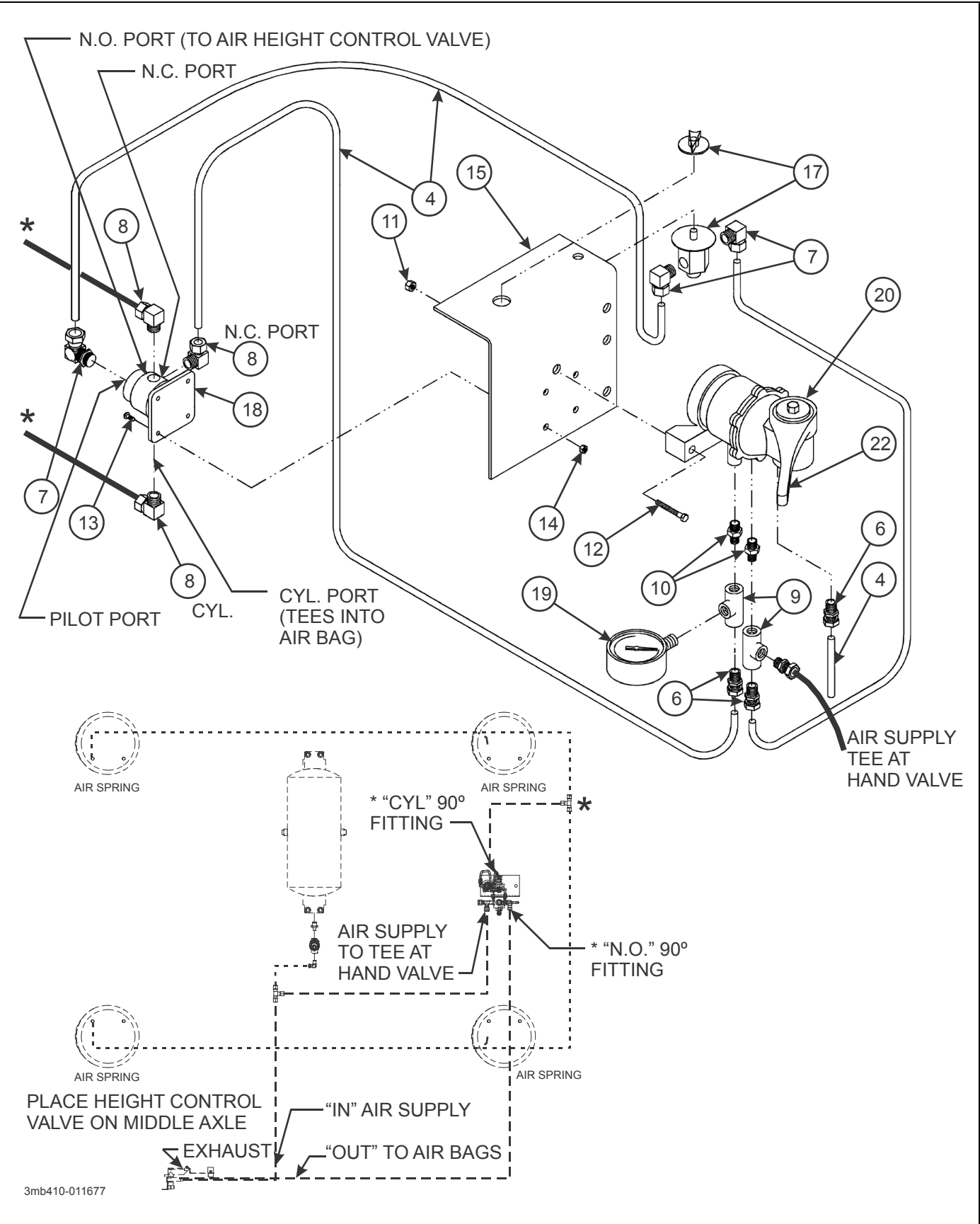


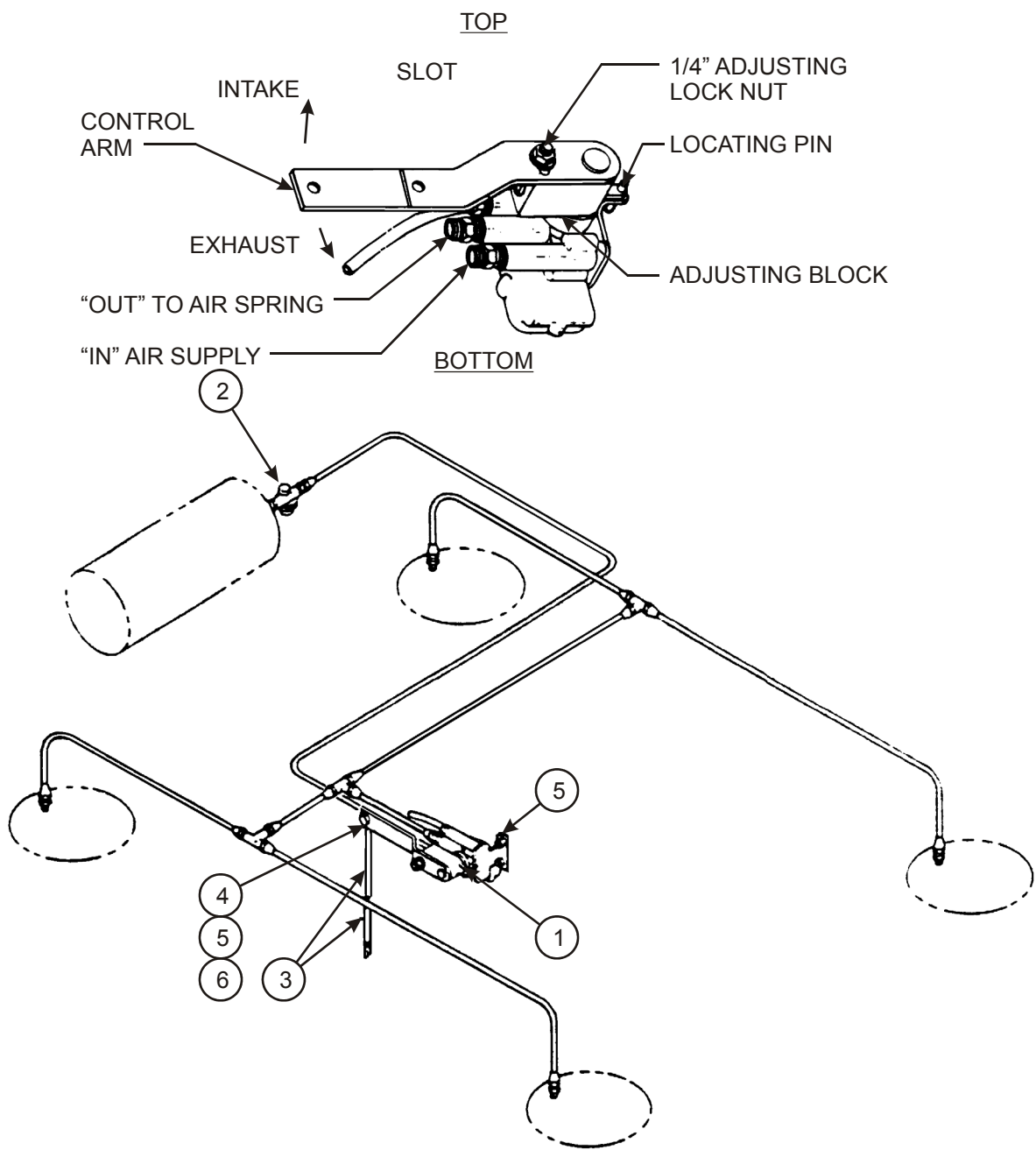
Figure 2-51: Manual Air Height Control Assembly (Option)

MANUAL AIR HEIGHT CONTROL ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	112326	CONTROL ASSEMBLY, AIR R/L	
1	*1-297-010010-01	FITTING, AIR UNION TEE 1/4 (NOT SHOWN)	1
2	**1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB (NOT SHOWN)	3
3	**1-654-010049-05	SCREW, HEX HEAD CAP 5/16-18 X 1 GR (NOT SHOWN)	3
4	1-833-010001	NYLON TUBING 1/4	AR
5	**1-861-010032-09	WASHER, FLAT 5/16 (NOT SHOWN)	3
6	1-297-010007-05	FITTING, AIR	2
7	1-297-010008-05	FITTING, AIR 90	3
8	1-297-010008-07	FITTING, AIR 90	5
9	1-297-010009-02	FITTING, AIR PIPE TEE 1/4	2
10	1-297-010020-02	FITTING, BRASS PIPE	2
11	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	2
12	1-654-010049-06	SCREW, HEX HEAD CAP 5/16-18 X 1-1/4 GR5	2
13	1-656-010003051	SCREW, RD HEAD MACH #10-24 X 3/4	4
14	1-512-010003-06	NUT, HEX LOCK 10-24	4
15	112324	PLATE, MOUNTING AIR LIFT KIT	1
16	112325	AIR CONTROL KIT MANUAL (INCL ITEMS 17-21)	1
17	900-54-088	VALVE, MANUALLY OPERATED	1
	900-54-211	KNOB FOR 900-54-088	1
18	900-54-079	PILOT VALVE	1
19	-----	AIR GAUGE	1
20	900-54-082	HAND CONTROL VALVE	1
21	-----	DECAL (NOT SHOWN)	1
22	105390	HANDLE REPLACEMENT MANUAL HEIGHT CONTROL	1

*USED TO CONNECT HEIGHT CONTROL ASSEMBLY TO AIR RIDE SYSTEM

**USED TO CONNECT HEIGHT CONTROL ASSEMBLY TO THE TRAILER FRAME

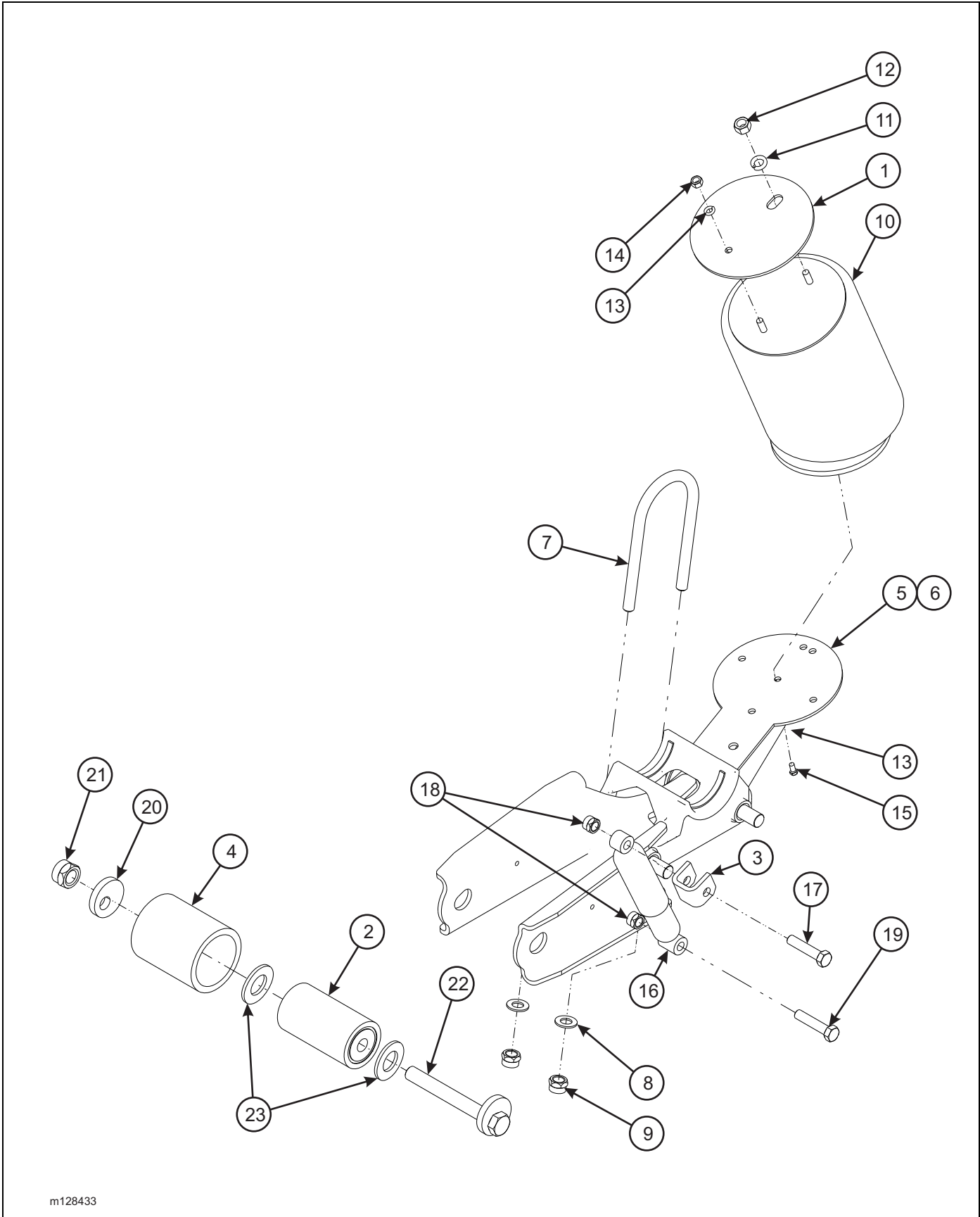


m102732

Figure 2-52: Air Control Kit

AIR CONTROL KIT

ITEM	PART NO.	DESCRIPTION	QTY.
	102732	AIR CONTROL KIT NEWAY	
1	900 54 007	HEIGHT CONTROL VALVE	1
2	905-54-107	AIR PRESSURE PROTECTION VALVE & FILTER	1
3	111021	SRK - 167 KIT (ADJUSTABLE LINK ASSEMBLY)	1
4	1-654-010047-04	SCREW, HEX HEAD CAP 1/4-20 X 3/4 GR5	2
5	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
6	-----	DECAL (OPERATING)	1



m128433

Figure 2-53: Suspension, Fastener RLU 250 FMT

SUSPENSION HANGER RLU 250 FMT (FRONT)

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
	128433		SUSPENSION RLU 250 FMT (MODEL 825 FRONT)	REF
	167392		SUSPENSION RLU 250 FMT LP (MODEL 835 FRONT)	REF
	110621		SUSPENSION BRACKET (ITEMS 1-4)	
	110620		SUSPENSION, BEAM RLU 250 FMT (ITEMS 5-9) (MODEL 825)	
	167391		SUSPENSION, BEAM RLU 250 FMT (ITEMS 5-9) (MODEL 835)	
	110622		SUSPENSION, FASTENER RLU 250 FMT (ITEMS 10-23)	
1	110615	90003785	AIR SPRING MOUNTING PLATE	2
2	111029	90538019	BUSHING YOKE	2
3	111027	90018159	BRACKET, SHOCK UPPER	2
4	111028	900 38 393	BUSHING SLEEVE 5.5	2
5	111034	905 46 676	BEAM EQUALIZING ASSY RH W/ ADAPTERS (USED ONLY W/ MODEL 825)	1
	191588	90517226	BEAM EQUALIZING ASSY RH W/ ADAPTERS (USED ONLY W/ MODEL 835)	1
6	111035	905 46 675	BEAM EQUALIZING ASSY LH W/ ADAPTERS (USED ONLY W/ MODEL 825)	1
	191589	90517225	BEAM EQUALIZING ASSY LH W/ ADAPTERS (USED ONLY W/ MODEL 835)	1
7	111033	900 41 170	U-BOLT .875-9 X 11 GR8	2
8	936 00 162	936 00 162	WASHER, FLAT .78	4
9	934 00 498	934 00 498	NUT, HEX LOCK .875-9 GRC	4
10	111036	905 57 235	AIR SPRING	2
11	936 00 077	936 00 077	3/4 WASHER	2
12	934 00 149	934 00 149	3/4-16 HEX NUT (TOP OF AIR SPRING)	2
13	12486400-520	936 00 072	WASHER, 1/2	2
14	1-654-010051-05	930 02 571	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	2
15	12486400-521	934 00 136	1/2-13 HEX NUT	2
16	900-44-162	900 44 162	SHOCK ABSORBER	2
17	12486400-526	930 03 597	SCREW, HEX HEAD CAP 3/4-10 X 3-1/2 (UPPER SHOCK)	2
18	934-00-492	934-00-492	LOCK NUT 3/4-10 (UPPER SHOCK)	4
19	129004	930 03 609	SCREW, HEX HEAD CAP 3/4-10 X 4 GR5 (LOWER SHOCK)	2
20	129006	900 08 238	ALIGN BLOCK NON-WELD	2
21	111008	934 00 506	1-1/8" LOCK NUT	6
22	111038	905 08 016	ALIGNMENT BLOCK ASSEMBLY (PIVOT)	2
23	111037	936 00 530	WEAR WASHER 1.125	4
24	134144		ALIGNMENT, BLOCK ASSY (ITEMS 20-23)	1

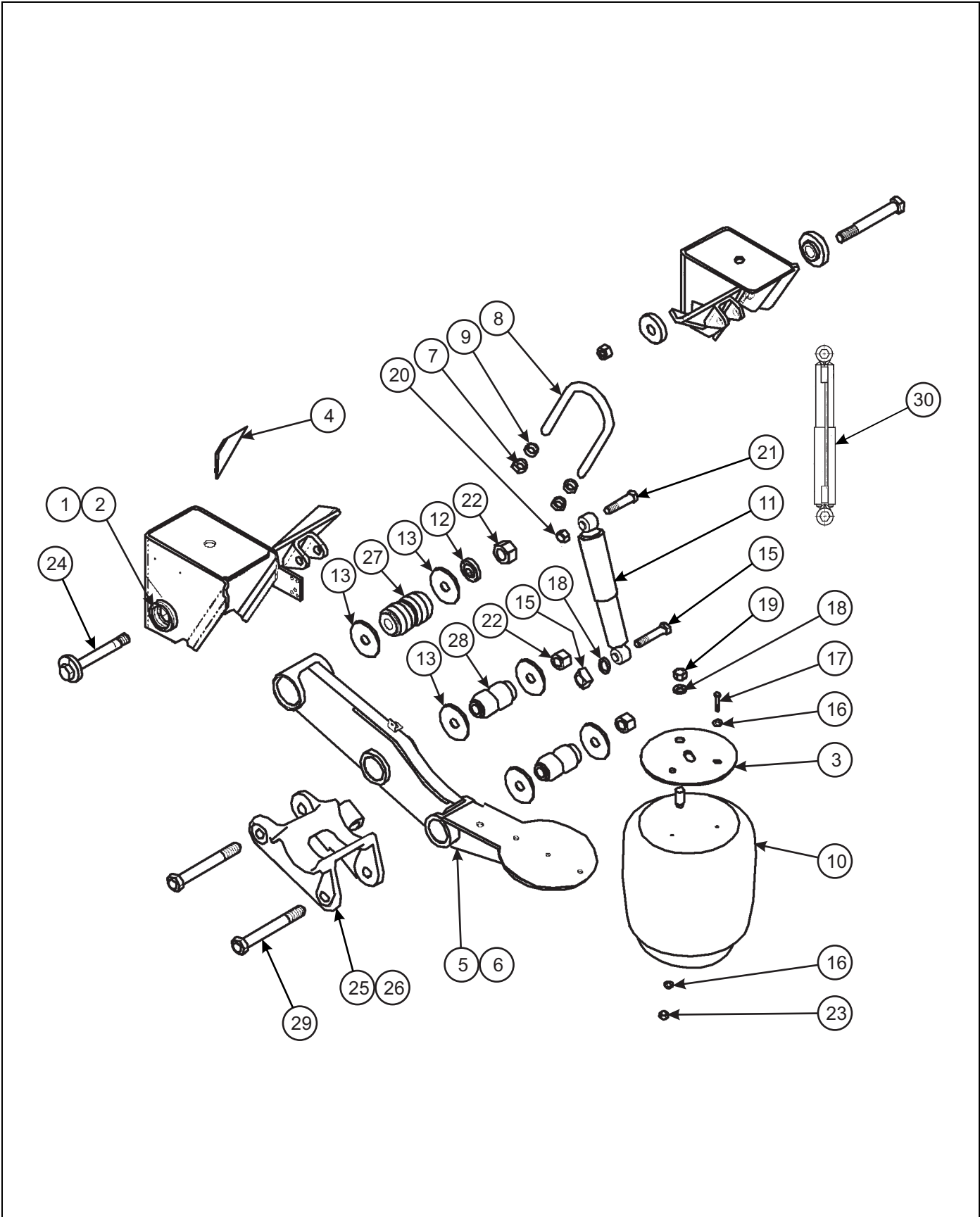


Figure 2-54: Suspension, Fastener RLU-250-9-4

SUSPENSION HANGER RLU 250-9-4

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
	110617		SUSPENSION BRACKET (ITEMS 1-4)	
	110616		SUSPENSION, BEAM RLU 250-9-4 (ITEMS 5-9)	
	110618		SUSPENSION, FASTENER RLU 250-9-4 (ITEMS 10-23)	
1	111026	905 21 298	FRAME BRACKET (CURBSIDE EZ-ALIGN)	1
2	111025	905 21 297	FRAME BRACKET (ROADSIDE EZ-ALIGN)	1
3	110615	900 33 785	PLATE, AIR BAG MOUNT	2
4	900 23 002	900 23 002	ANGLE BRACE	2
5	111031	905 46 795	EQUALIZING BEAM W/ ADAPTERS (ROADSIDE)	1
6	111030	905 46 796	EQUALIZING BEAM W/ ADAPTERS (CURBSIDE)	1
7	934 00 498	934 00 498	NUT, HEX LOCK .875-9 GRC	4
8	111033	900 41 170	U-BOLT .875-9 X 11 GR8	2
9	936 00 162	936 00 162	WASHER, FLAT .78	4
10	111036	905 57 235	AIR SPRING	2
11	900-44-162	900 44 162	SHOCK ABSORBER	4
12	129006	900 08 238	ALIGN BLOCK NON-WELD	2
13	900-36-177	900 36 177	1-1/8" SPACER WASHER	4
14	934-00-367	934 00 367	3/4-10 SQUARE NUT (LOWER SHOCK)	2
15	129004	930 03 609	SCREW, 3/4-10X4 GR5 (LOWER SHOCK)	2
16	12486400-520	936 00 072	WASHER, 1/2	2
17	1-654-010051-05	930 02 571	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	2
18	1-512-010005-15	936 00 077	3/4 WASHER	2
19	1-654-010061-13	934 00 149	3/4-16 HEX NUT (TOP OF AIR SPRING)	2
20	1-512-010007-09	934 00 492	NUT, HEX 3/4-10 (UPPER SHOCK)	4
21	12486400-526	930 03 597	SCREW, HEX HEAD CAP 3/4-10 X 3-1/2 (UPPER SHOCK)	2
22	111008	934 00 506	1-1/8" LOCK NUT	2
23	12486400-521	934 00 136	1/2-13 HEX NUT	2
24	129005	905 08 019	1-1/8-7 X 9.5" PIVOT BOLT ALIGNMENT BLOCK ASSY (EZ-ALIGN)	1
25	-----	905 01 379	AXLE ADAPTER (ROADSIDE)	1
26	-----	905 01 380	AXLE ADAPTER (CURBSIDE)	1
27	900-08-139	900 08 139	PIVOT BUSHING	1
28	111011	900 08 149	AXLE BUSHING	2
29	932 01 051	932 01 051	1-1/8-7 BOLT	4
30	170115	-----	WIRE ROPE STRAP KIT RLU 250-9-4	2
31	170133	481 00 206	KIT, AXLE SRK-149 (INCL. ITEMS 13, 21, 12, & 22) (COMPLETE HARDWARE REQUIRED FOR FOR ONE AXLE - CONTAINS SPACER WASHERS WHICH ARE NOT USED) (NOT SHOWN)	1
32	109533	481 00 294	ALIGNMENT BLOCK ASSEMBLY (INCL. ITEMS 3, 9, 13, 15, & 21) (NOT SHOWN)	1

NOTE: QUANTITIES LISTED ARE PER AXLE

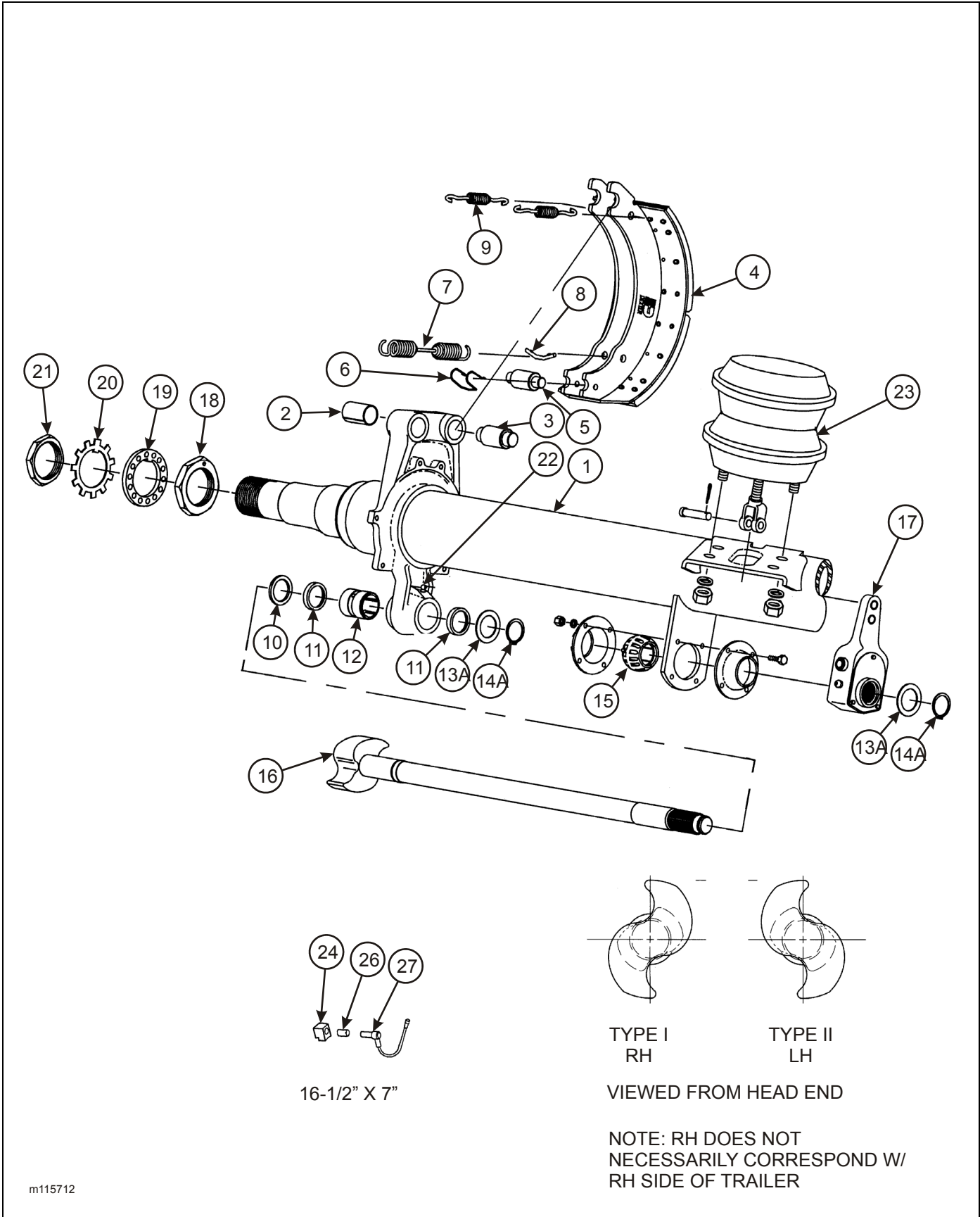


Figure 2-55: Axle and Brake Assembly

AXLE AND BRAKE ITEMS (DEXTER) (16-1/2" x 7")

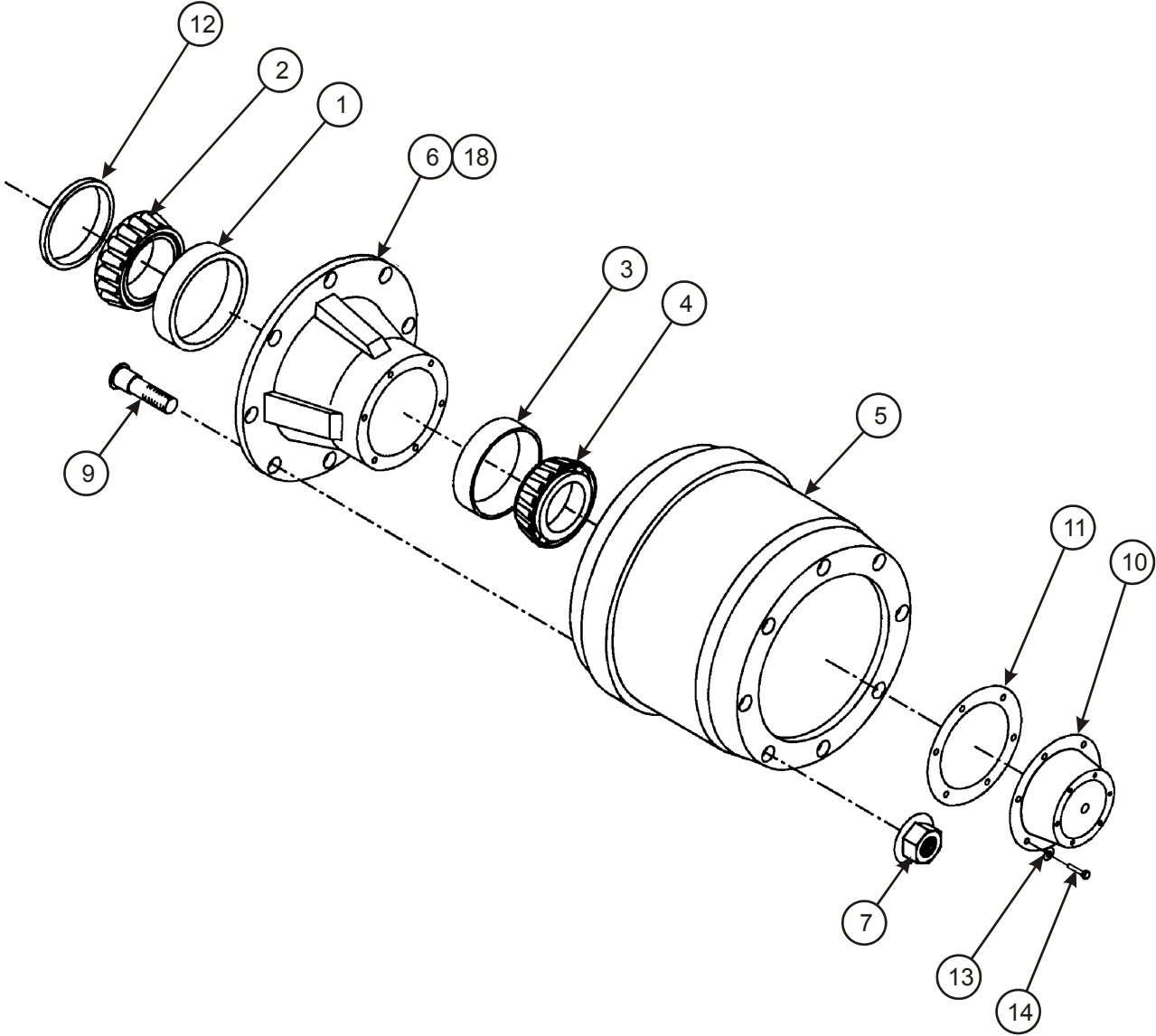
ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
	115717		AXLE 79" TRK, 16.5 X 7 SPG BRK 25K	
	115722		AXLE 79" TRK, 16.5 X 7 SER BRK 25K	
	138956		AXLE 79" TRK, 16.5 X 7 SPG BRK 25K TIS	
	138960		AXLE 79" TRK, 16.5 X 7 SER BRK 25K TIS	
1A*	-----	D-2H16	BEAM W/ BRACKETS	1
	**K71-136-00	**K71-136-00	BRAKE SHOE HARDWARE KIT (ITEMS 2, 3, 5, 6, 7, 8, & 9)	
2**	-----	014-068-00	BUSHING, SPIDER ANCHOR PIN	4
3**	-----	056-017-00	PIN, ANCHOR	4
4	040-180-00	040-180-00	SHOE AND LINING ASSEMBLY	4
4A	-----	041-058-01	LINING - BRAKE BLOCK CAM	2
4B	-----	041-059-01	LINING - BRAKE BLOCK ANCHOR	4
	-----	K71-138-00	BRAKE BLOCK KIT	4
5**	014-065-00	014-065-00	ROLLER	4
6**	071-122-00	071-122-00	RETAINER, ROLLER	4
7**	046-096-00	046-096-00	SPRING, SHOE RETRACTOR	2
8**	056-018-00	056-018-00	RETAINER PIN RETRACTOR SPRING	4
9**	046-097-00	046-097-00	KEEPER SPRING	4
	138090	***K71-135-00	CAMSHAFT REPAIR KIT (ITEMS 10-15, & 22)	
10***	005-096-00	005-096-00	WASHER CAMSHAFT	2
11***	010-052-00	010-052-00	SEAL GREASE	4
12***	-----	014-056-00	BUSHING CAMSHAFT SPIDER	2
13A***	-----	005-134-00	WASHER CAMSHAFT END	2
14A***	069-078-00	069-078-00	RETAINER, CAMSHAFT END	2
15***	-----	014-058-00	BUSHING CAMSHAFT SUPPORT	2
16	137461	034-192-08	CAMSHAFT, 25" LH	1
	137485	034-193-08	CAMSHAFT, 25" RH	1
17	139383	055-040-98	SLACK ADJUSTER, AUTOMATIC	2
18	006-114-00	006-114-00	NUT, INNER SPINDLE	2
19	005-098-00	005-098-00	WASHER, SPINDLE LOCK	2
20	005-099-00	005-099-00	WASHER, TABBED SPINDLE LOCK	2
21	006-115-00	006-115-00	NUT, OUTER SPINDLE	2
22***	-----	061-006-00	FITTING, GREASE 45°	2
23	034-058-01	034-058-01	AIR CHAMBER, SPRING BRAKE	4
	034-057-01	034-057-01	AIR CHAMBER, SERVICE BRAKE	2
24	103805	024-100-00	SENSOR BLOCK	2
26	144979	097-002-00	RETAINER CLIP	2
27	101847	-----	ABS SENSOR CABLE-4M 90° (1FT)	2

* WHEN ORDERING THE BEAM WITH SPINDLE, SPIDER, AND BRACKETS ATTACHED, YOU WILL NEED THE BEAM NUMBER, TRACK LENGTH, BRAKE SIZE, AND CAMSHAFT LENGTH.

** THESE PARTS ARE AVAILABLE AS PART OF THE BRAKE SHOE REPAIR KIT LISTED

*** THESE PARTS ARE AVAILABLE AS PART OF THE CAMSHAFT REPAIR KIT LISTED

NOTE: FOR HUB AND DRUM INFORMATION, SEE PAGE 2-89



huboabs2

Figure 2-56: Outboard Pilot Mount Hub and Drum

OUTBOARD PILOT MOUNT HUB AND DRUM ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
1	HM218210	INNER BEARING CUP	1
2	HM218248	INNER BEARING CONE	1
3	HM212011	OUTER BEARING CUP	1
4	HM212049	OUTER BEARING CONE	1
5	110976	OUTBOARD MOUNTED BRAKE DRUM	1
6	110975	HUB W/ STUDS	1
7	179933	NUT FLANGE MM22X1.5	10
9	113536	STUD R.H. 22MM 3.5 STANDOUT	10
10	4009	CAP, HUB	1
11	3067	GASKET, OIL CAP	1
12	3-659-010012	SEAL	1
13	1-861-010034-10	WASHER, SPLIT LOCK 5/16	6
14	1-654-010049-03	SCREW, HEX HEAD CAP 5/16-18 GR5	6
15	3-870-010106	WHEEL, POLISHED ALUM PILOT MNT 22.5 X 7.50 (10 BOLT)	1
	111652	WHEEL, PILOT MNT 22.5 X 8.25, PP (10 BOLT) (ALUM COLOR.)	1
	3-870-010116	WHEEL, MACHINED ALUM PILOT MNT 22.5 X 7.50(10 BOLT)	1
	3-870-010110	WHEEL, DISC PILOT MNT 22.5 X 8.25 (10 BOLT)(STD. STEEL)	1
	111416	WHEEL, ALUM PILOT 22.5 X 8.25 POL (10 BOLT)	1
	111417	WHEEL, ALUM PILOT 22.5 X 8.25 MACH (10 BOLT)	1
	134757	WHEEL, ALUM PILOT 22.5 X 8.25 POL (10 BOLT)	1
	139600	WHEEL, ALUM DURABRITE 255/70R GY (10 BOLT)	1
		(NOT SHOWN)	
16	TR573	VALVE STEM (NOT SHOWN)	1
	TR545D	VALVE STEM (ALUM.) (NOT SHOWN)	1
18	*	ABS TONE RING	1
19	**3-870-010107	WHEEL GUARD 10 HOLE 285.75MM BC (NOT SHOWN)	
20	137108	HUBODOMETER 255/70R22.5 TIRE (NOT SHOWN)	1

*THIS PART SHOULD BE REPLACED IN CONJUNCTION WITH HUB ONLY. IT SHOULD NEVER BE SOLD SEPARATELY.

**USE BETWEEN STEEL DRUM OR WHEEL AND ALUMINUM WHEEL.

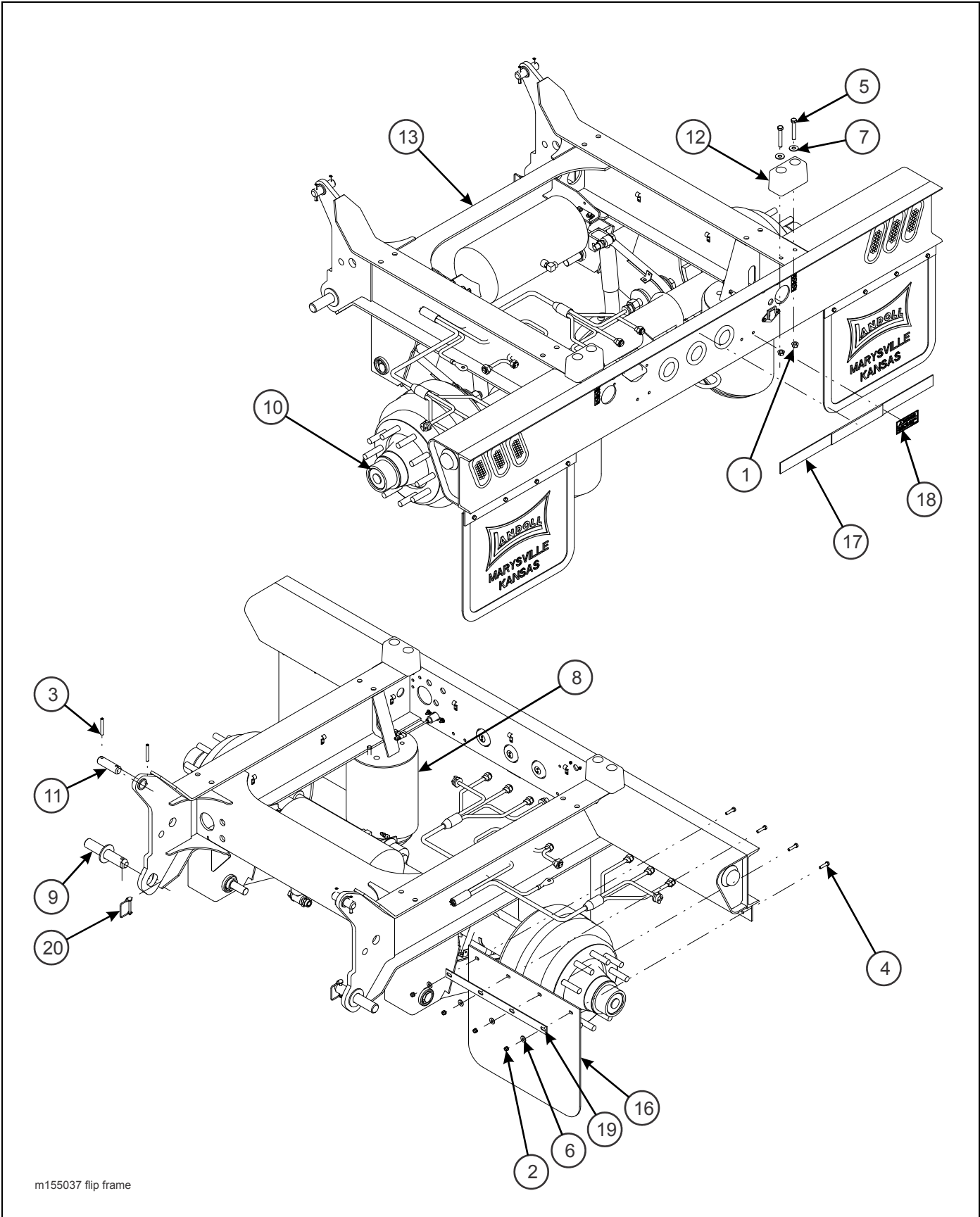


Figure 2-57: Flip Assembly - Frame

FLIP ASSEMBLY - FRAME

ITEM	PART NO.	DESCRIPTION	QTY.
	155037	FLIP ASSEMBLY 835 AG-60	
1	1-510-010003-09	NUT, FLANGE HEAD SERRATED 1/2-13	4
2	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	8
3	1-647-010004259	ROLL PIN, SLOTTED 3/8 X 3	4
4	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	8
5	1-654-010055-10	SCREW, HEX HEAD CAP 1/2-13 X 3-1/4 GR5	4
6	1-861-010032-11	WASHER, FLAT 3/8W	8
7	1-861-010032-15	WASHER, FLAT 1/2W	4
8	110618	SUSPENSION, FASTENER RLU250-9-4	1
9	114712	PIN WELDMENT, FLIP LOWER	2
10	115757	AXLE WELDMENT, RLU250 D2516-SER-79	1
11	128873	PIN, FLIP W/ BUSHING	2
12	128874	BUMPER, RUBBER 6 X 3 X 3-1/2	2
13	155036	FLIP WELDMENT W/ BUSHING	1
14	3-201-010002	CONDUIT, 3/8 PLASTIC FLEX (NOT SHOWN)	AR
15	3-395-010001	CF FIRE HOSE (NOT SHOWN)	AR
16	3-485-010001	MUD FLAP, 21"	2
17	3-573-010377	DECAL, 2" REFLEXITE TAPE, RD/WHT	AR
18	3-573-010496	DECAL, WARNING TIE DOWN	1
19	3-762-010017	CLAMP, MUD FLAP	2
20	516-22PTL	PIN, MUD FLAP	2

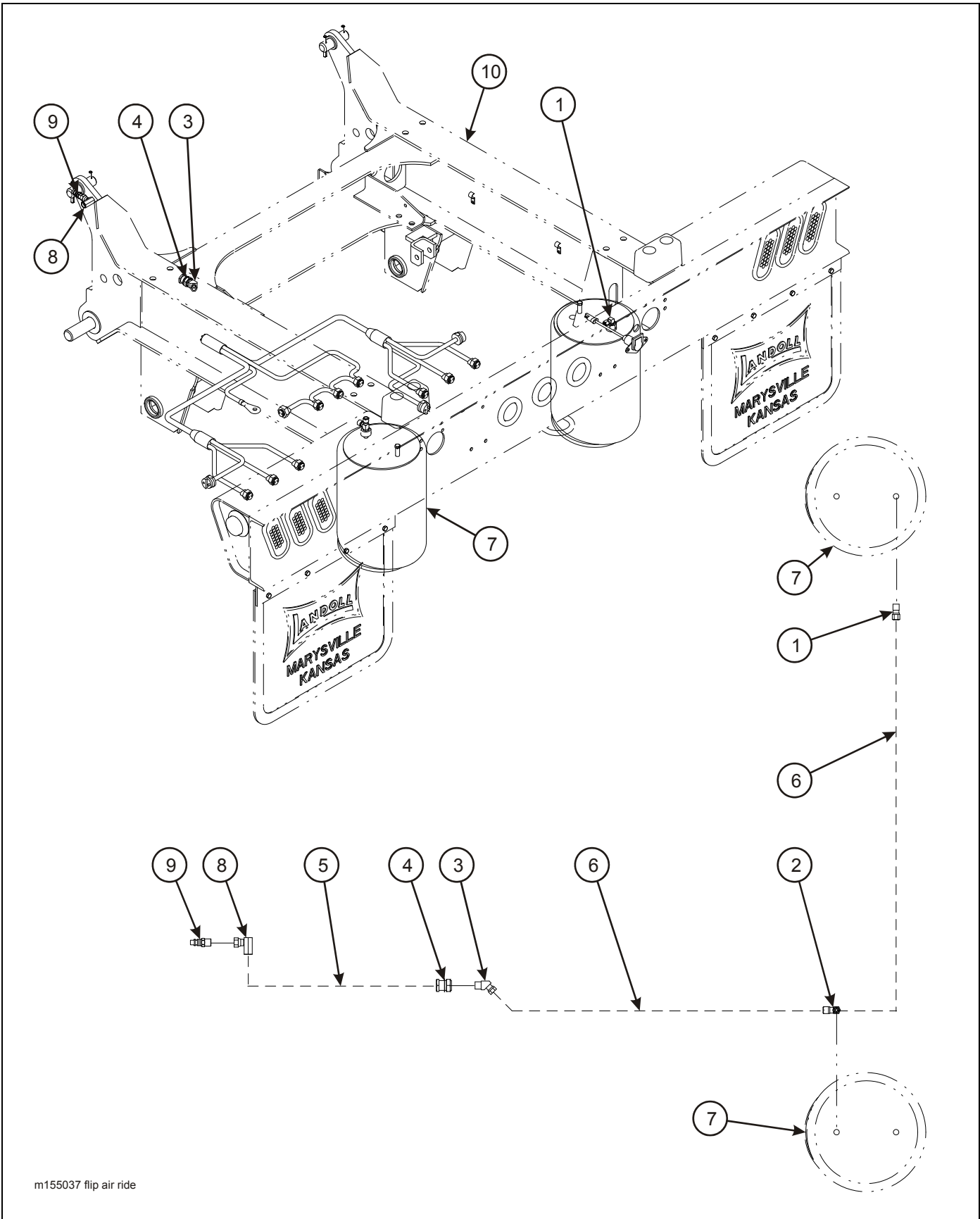
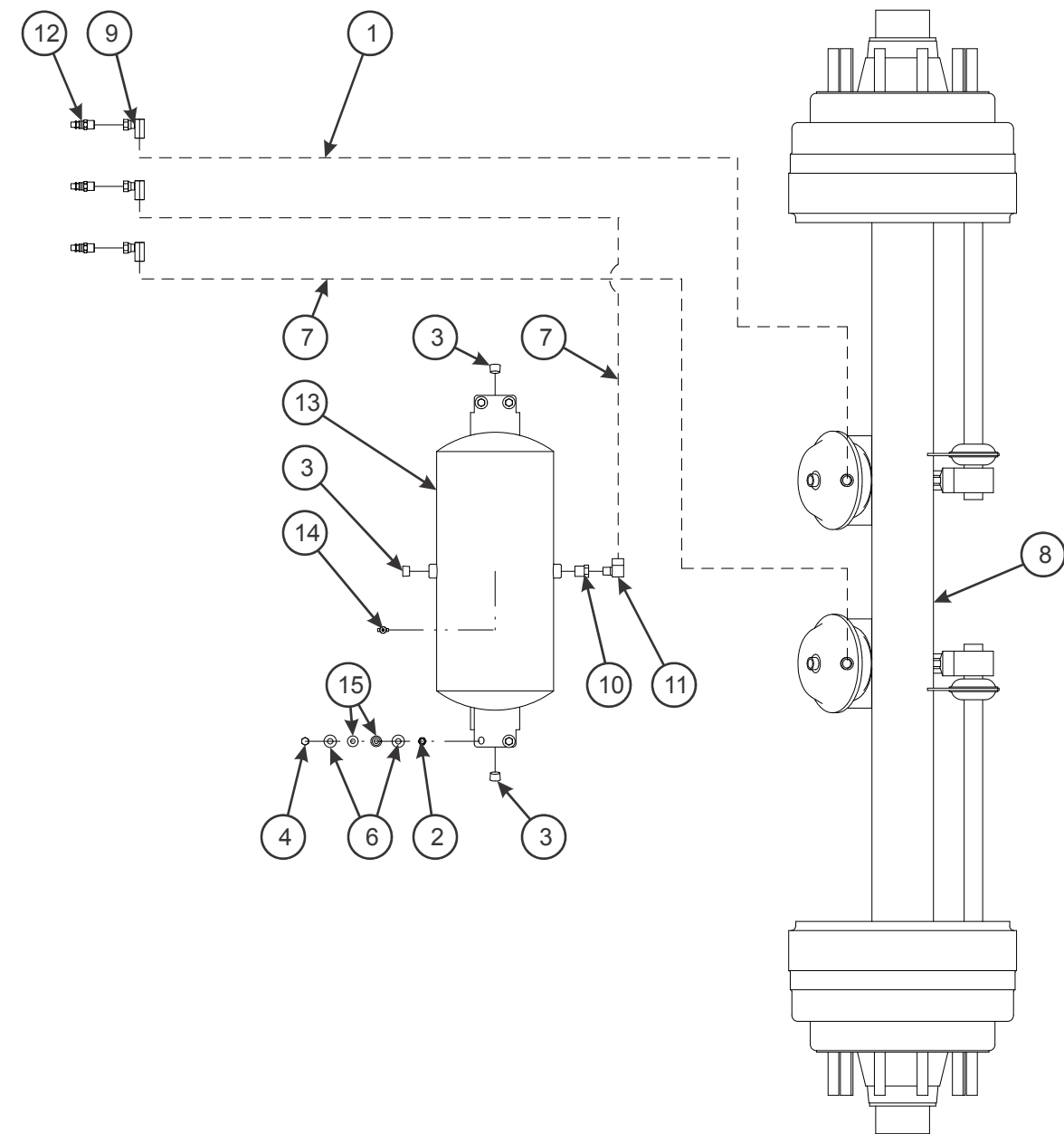


Figure 2-58: Flip Assembly - Air Ride Suspension

FLIP ASSEMBLY - AIR RIDE SUSPENSION

ITEM	PART NO.	DESCRIPTION	QTY.
	155037	FLIP ASSEMBLY 835 AG-60	
1	1-297-010008-18	FITTING, AIR 90	1
2	1-297-010011-04	FITTING AIR M/RUN TEE	1
3	1-297-010013-12	FITTING, AIR 45	1
4	1-297-010022-03	FITTING, AIR ANCHOR COUPLING	1
5	1-384-010038024	HOSE, AIR 3/8 X 24	1
6	1-833-010002	TUBING, NYLON 3/8	AR
7	110618	SUSPENSION FASTENER RLU250-9-4 (SEE PAGE 2-85)	1
8	118-2650-6	SWIVEL, 90	4
9	3-220-010005	COUPLER, AIR MALE	4
10	155036	FLIP WELDMENT 835-60	REF



m146919 flip air brake

Figure 2-59: Flip Assembly - Air Brake System

FLIP ASSEMBLY - AIR BRAKE SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-384-010038054	HOSE, AIR 3/8 X 54	1
2	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	4
3	1-560-010002-04	PLUG, PIPE 1/2	3
4	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	4
5	1-796-010003-01	TIE STRAP, PLASTIC (NOT SHOWN)	AR
6	1-861-010032-11	WASHER, FLAT 3/8W	8
7	101003	HOSE, AIR 3/8 X 48	2
8	115757	AXLE WELDMENT RLU 250 D2516-SER-79 (FOR AXLE BREAKDOWNS, SEE PAGE 2-87)	1
9	118-2650-6	SWIVEL, 90	3
10	2081-8-6S	REDUCER	1
11	2089-6-6S	ADAPTER, 90	1
12	3-220-010005	COUPLER, AIR MALE	3
13	3-780-010002	AIR TANK	1
14	56D4	COCK, DRAIN AIR TANK	1
15	805-2	BUSHING, STEP	8

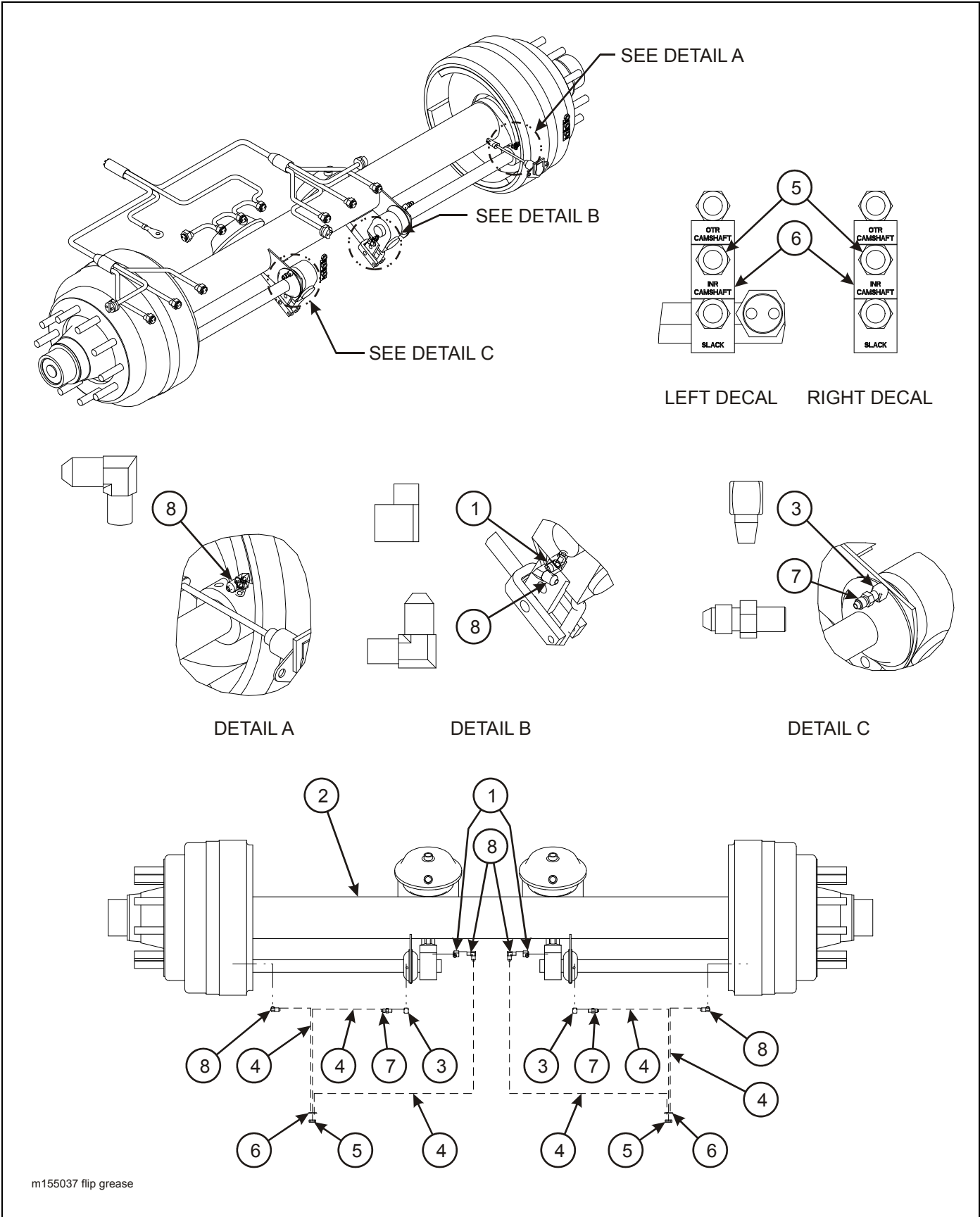
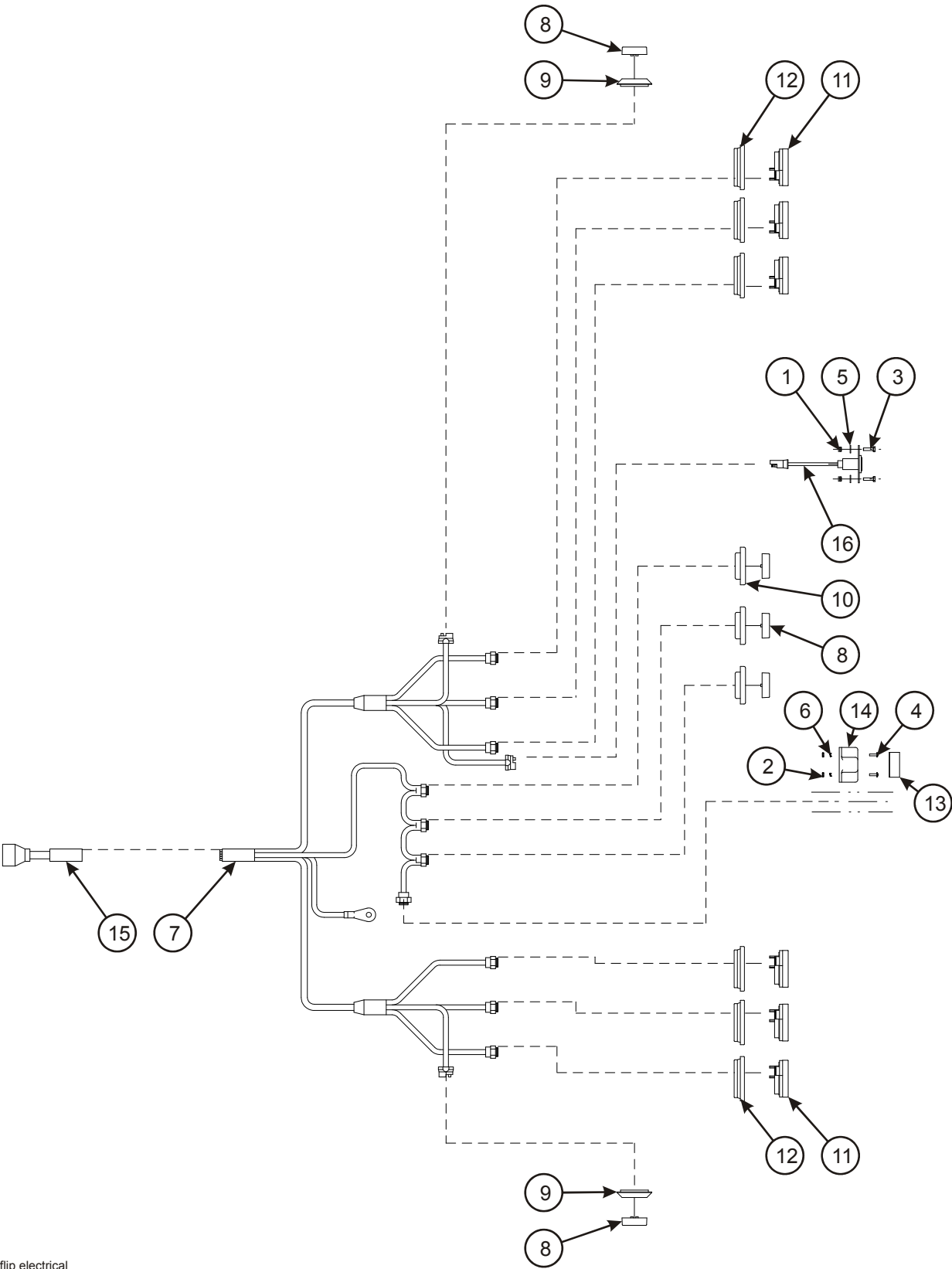


Figure 2-60: Flip Assembly - Grease System

FLIP ASSEMBLY - GREASE SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY.
	155037	FLIP ASSEMBLY - GREASE SYSTEM	
1	101528	ELBOW, BRASS PIPE STR	2
2	115757	AXLE WELDMENT, RLU 250 D2516-79 SER (FOR AXLE WELDMENT BREAKDOWNS, SEE PAGE 2-87)	1
3	121355	ELBOW, 90	2
4	142441	HOSE ASSEMBLY, GREASE 1/4 X 45	6
5	142545	NUT, HEX JAM 7/16-20 GRB	6
6	142553	DECAL, GREASE TRL U/C	2
7	2021-2-4	ADAPTER, STRAIGHT	2
8	2024-2-4S	ADAPTER, ELBOW	4



m155037 flip electrical

Figure 2-61: Flip Assembly - Electrical System

FLIP ASSEMBLY - ELECTRICAL SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY.
	155037	FLIP ASSEMBLY 835AG-60	
1	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
2	1-512-010007-03	NUT, HEX 10-24 GRB	2
3	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	2
4	1-656-010003051	SCREW, RD HEAD MACH 10-24 X 3/4	2
5	1-861-010032-07	WASHER, FLAT 1/4W	2
6	1-861-010034-07	WASHER SPLIT LOCK #10	2
7	143104	HARNESS, BUMPER	1
8	143108	LIGHT, RED LED 2.5 CL/MARKER	5
9	143110	GROMMET, 2.5 SURFACE MOUNT	2
10	143111	GROMMET, 2.5 RECESSED MOUNT	3
11	143113	LIGHT, RED LED OVAL STT	6
12	143114	GROMMET, OVAL	6
13	143117	LIGHT, CLEAR LED LICENSE	1
14	143118	BRACKET, LIGHT LICENSE	1
15	146898	HARNESS, 7 WAY PLUG G/N	1
16	150116	HARNESS/PLUG ASSEMBLY	1

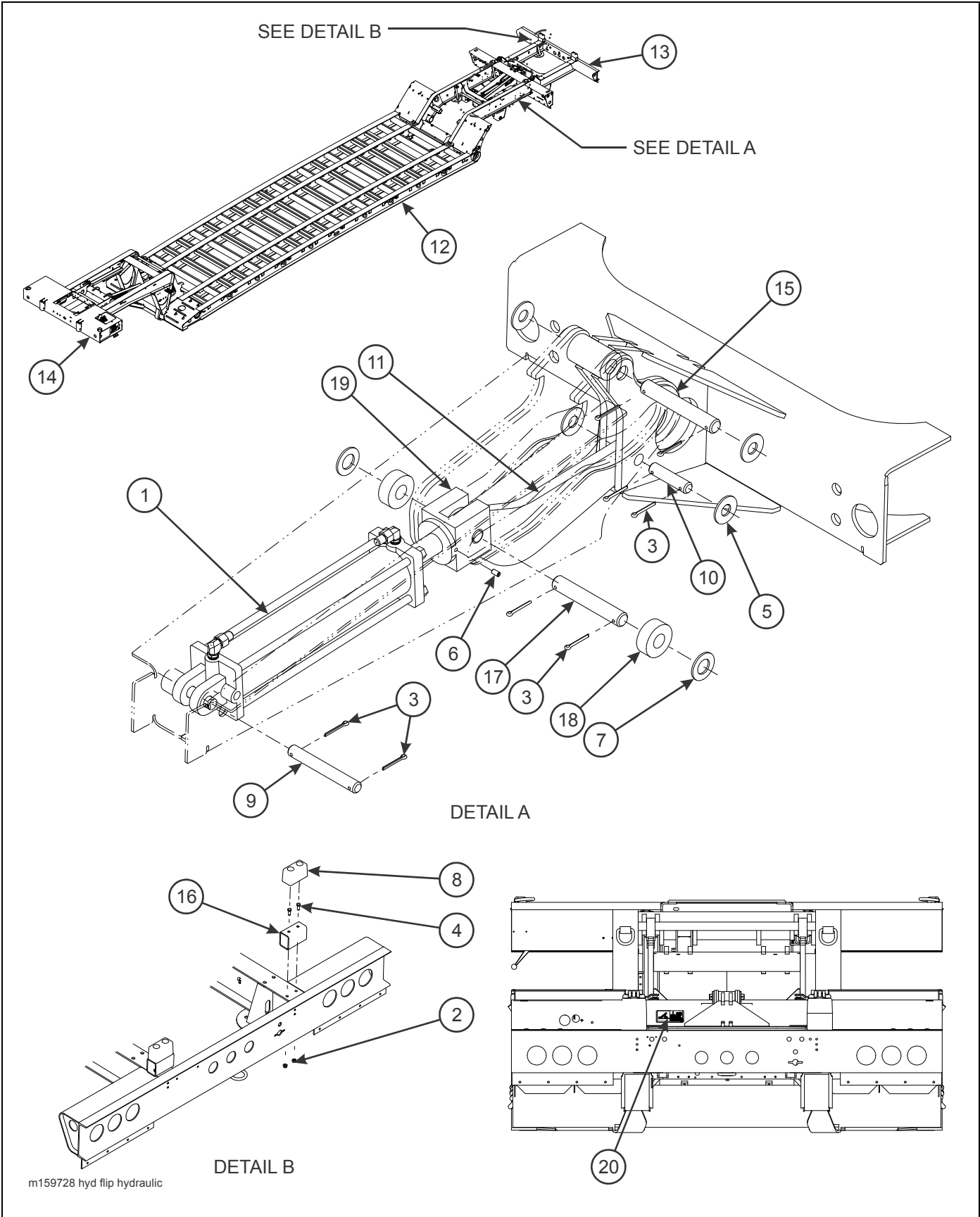
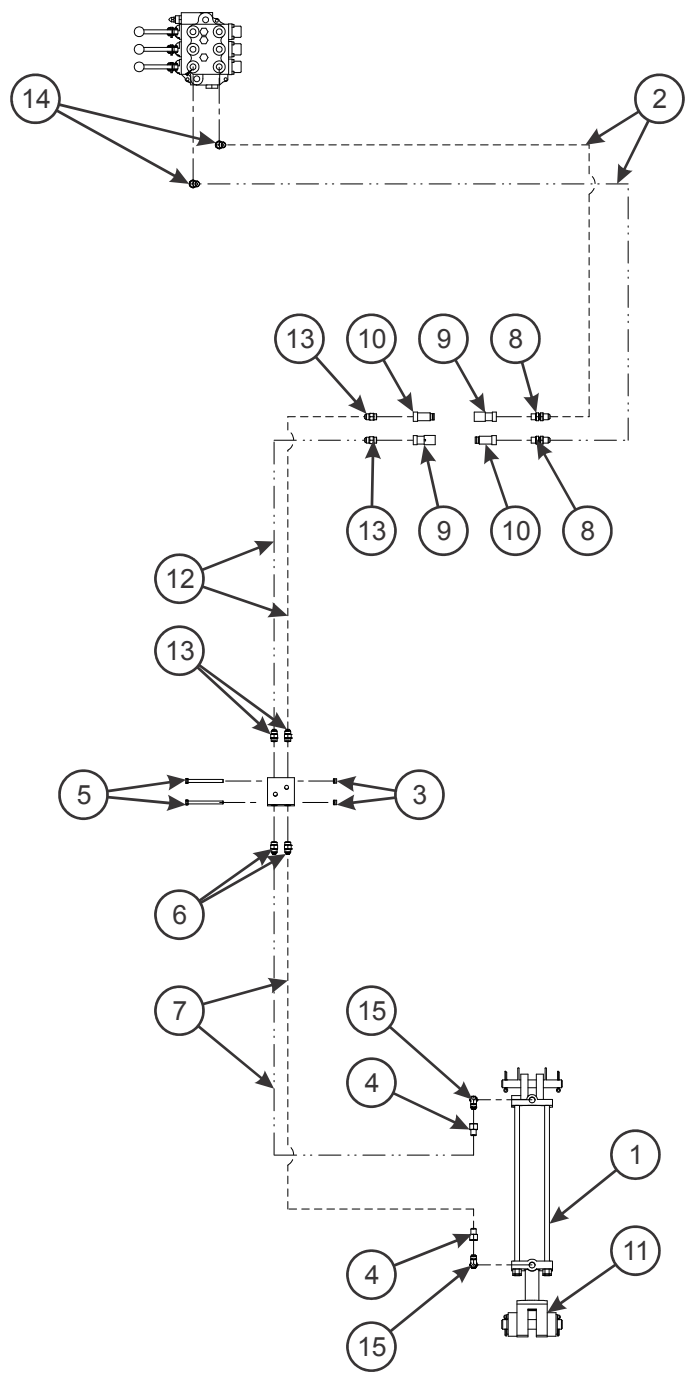


Figure 2-62: Hydraulic Flip Assembly - Frame and Cylinder Placement

HYDRAULIC FLIP ASSEMBLY - FRAME AND CYLINDER PLACEMENT

ITEM	PART NO.	DESCRIPTION	QTY.
	159728	FLIP ASSEMBLY, HYDRAULIC	REF
1	1-242-010180-3	CYLINDER, HYDRAULIC 4 X 20 (SEE PAGE 2-105)	1
2	1-510-010003-09	NUT, FLANGE HEAD SERRATED 1/2-13	4
3	1-557-010362-63	PIN, COTTER 1/4 X 2	2
4	1-654-010055-02	SCREW, HEX HEAD CAP 1/2-13 X 1-1/4 GR5	4
5	1-861-010032-25	WASHER, FLAT 1W	1
6	114987	SET SCREW, HEX SOCKET CUP POINT 3/8-16 X 3/4	1
7	116100	WASHER, FLAT 1-1/4N	1
8	128874	BUMPER, RUBBER 6 X 3 X 3-1/2	2
9	129146	HINGE PIN, BUMPER PIVOT	1
10	133458	PIN, CYLINDER ROD END	1
11	148028	LINK, HYD FLIP AXLE	1
12	148071	FRAME, MOD WELDMENT HYD FLIP BRACKET	1
13	148072	FLIP, MOD WELDMENT HYD FLIP BRACKET	1
14	148073	GOOSENECK, MOD ACCESSORY	REF
15	148783	PIN, HINGE HYD FLIP	1
16	148811	MOUNT, RUBBER BUMPER (ONLY USED IF NO BED)	2
17	150057	HINGE PIN, HYD FLIP	1
18	150058	ROLLER, HYD FLIP AXLE	2
19	150059	CLEVIS, CYLINDER FLIP AXLE	1
20	2-573-010037	DECAL, DANGER WING	1



m159728 hyd flip hydraulic

Figure 2-63: Hydraulic Flip Assembly - Hydraulic

HYDRAULIC FLIP ASSEMBLY - HYDRAULIC

ITEM	PART NO.	DESCRIPTION	QTY.
	159728	FLIP ASSEMBLY, HYDRAULIC	REF
1	1-242-010180-3	CYLINDER, HYDRAULIC 4 X 20 (SEE PAGE 2-105)	1
2	1-397-010302120	HOSE ASSEMBLY 1/2 X 120	2
3	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	2
4	127806	WASHER, FLAT 1-1/4N	2
5	129698	SCREW, HEX HEAD CAP 3/8-16 X 4-1/2 GR5	2
6	145377	VALVE, 6 GPM FLOW CONTROL 2 PORT	1
7	148036	HOSE ASSEMBLY 3/8 X 484	2
8	148043	ADAPTER, BULKHEAD	2
9	148044	COUPLER, FLAT FACE FEMALE	2
10	148045	COUPLER, FLAT FACE MALE	2
11	150059	CLEVIS, CYLINDER FLIP AXLE	1
12	150083	HOSE ASSEMBLY, 3/8 X 98	2
13	202702-8-8S	ADAPTER	6
14	2061-8-8S	ADAPTER, 45	2
15	2062-8-8S	ADAPTER, 90	2

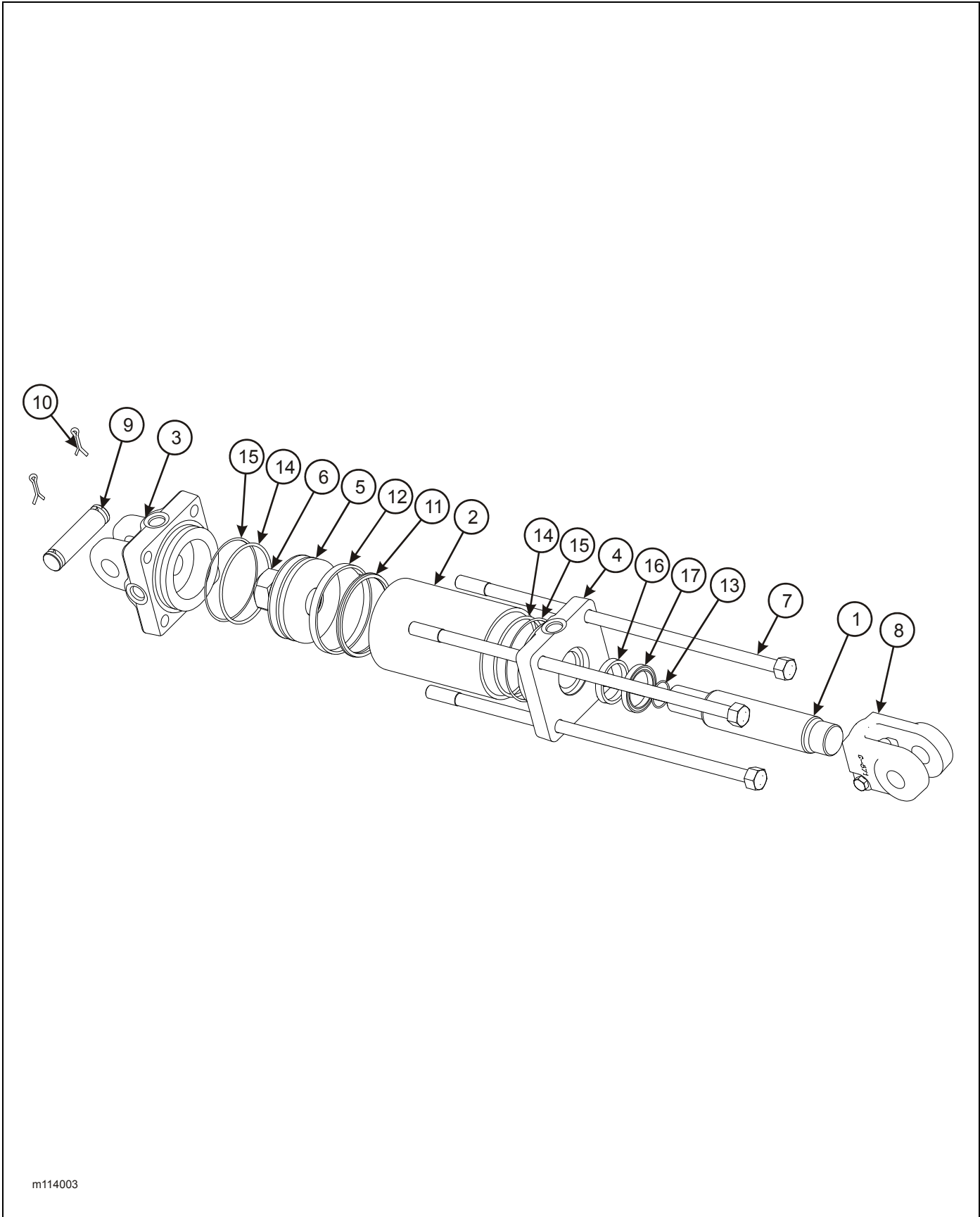


Figure 2-64: Cylinder, Hydraulic 4 X 20

CYLINDER, HYDRAULIC 4 X 20

ITEM	PART NO.	DESCRIPTION	QTY.
	1-242-010180-3	CYLINDER, 4 X 20 HYDRAULIC	
1	147372	PISTON ROD	
2	-----	TUBE	
3	-----	BUTT	
4	163045	GLAND	
5	-----	PISTON	
6	-----	LOCKNUT	
7	-----	TIEROD ASSEMBLY	
8	-----	CLEVIS ASSEMBLY	
9	-----	CLEVIS PIN	
10	-----	COTTER PIN	
*11	-----	CROWN SEAL	
*12	-----	BEARING RING	
*13	-----	O-RING	
*14	-----	O-RING	
*15	-----	BU-WASHER	
*16	-----	U-CUP	
*17	-----	WIPER	
	147377	PACKING KIT (*INCL ITEMS 11 - 17)	

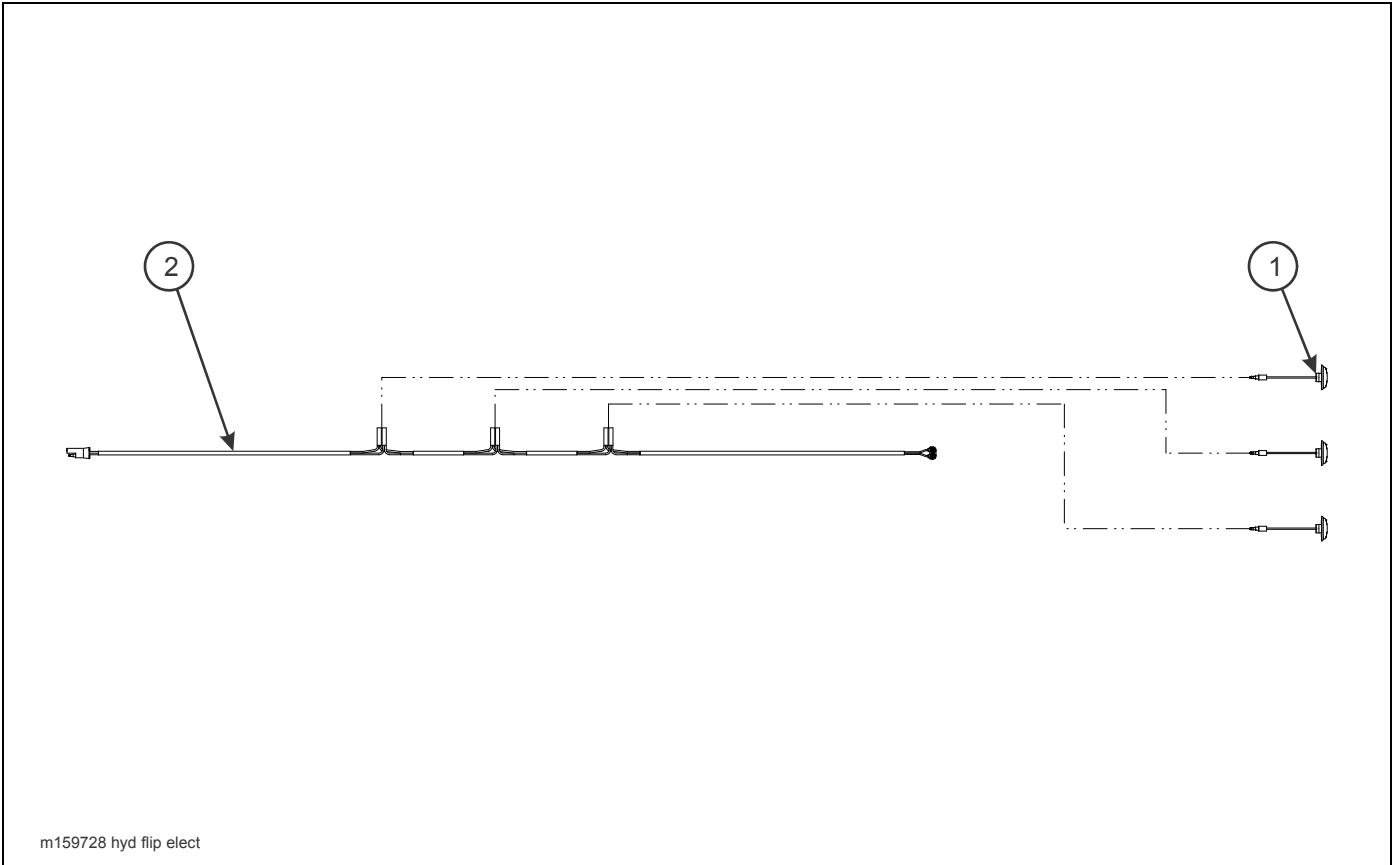


Figure 2-65: Hydraulic Flip Assembly - Electrical

HYDRAULIC FLIP ASSEMBLY - ELECTRICAL

ITEM	PART NO.	DESCRIPTION	QTY.
	159728	FLIP ASSEMBLY, HYDRAULIC	
1	148784	LIGHT, CLEARANCE/MARKER RED LED	3
2	148833	HARNESS, REAR ID AND TAG BULLET	1

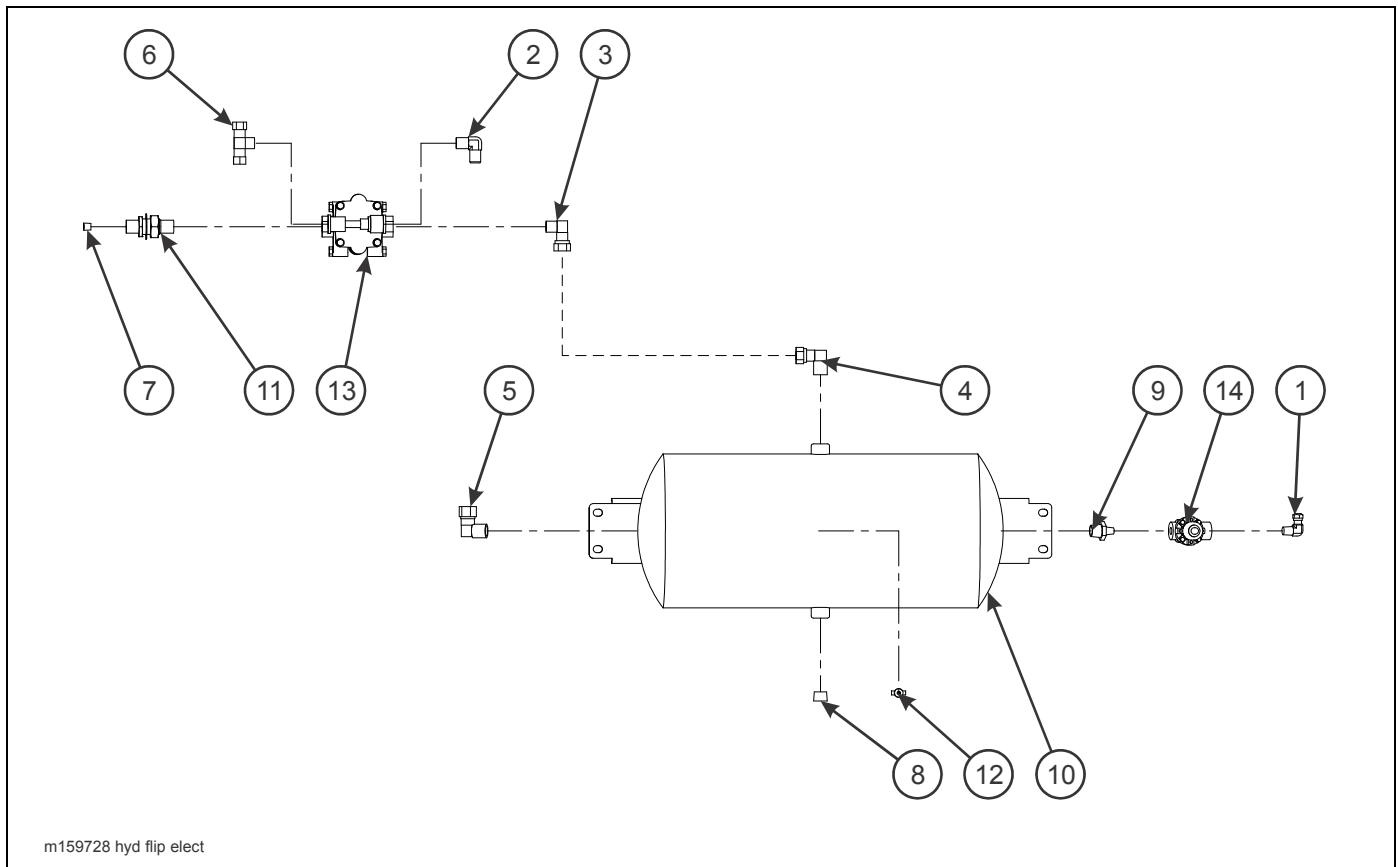
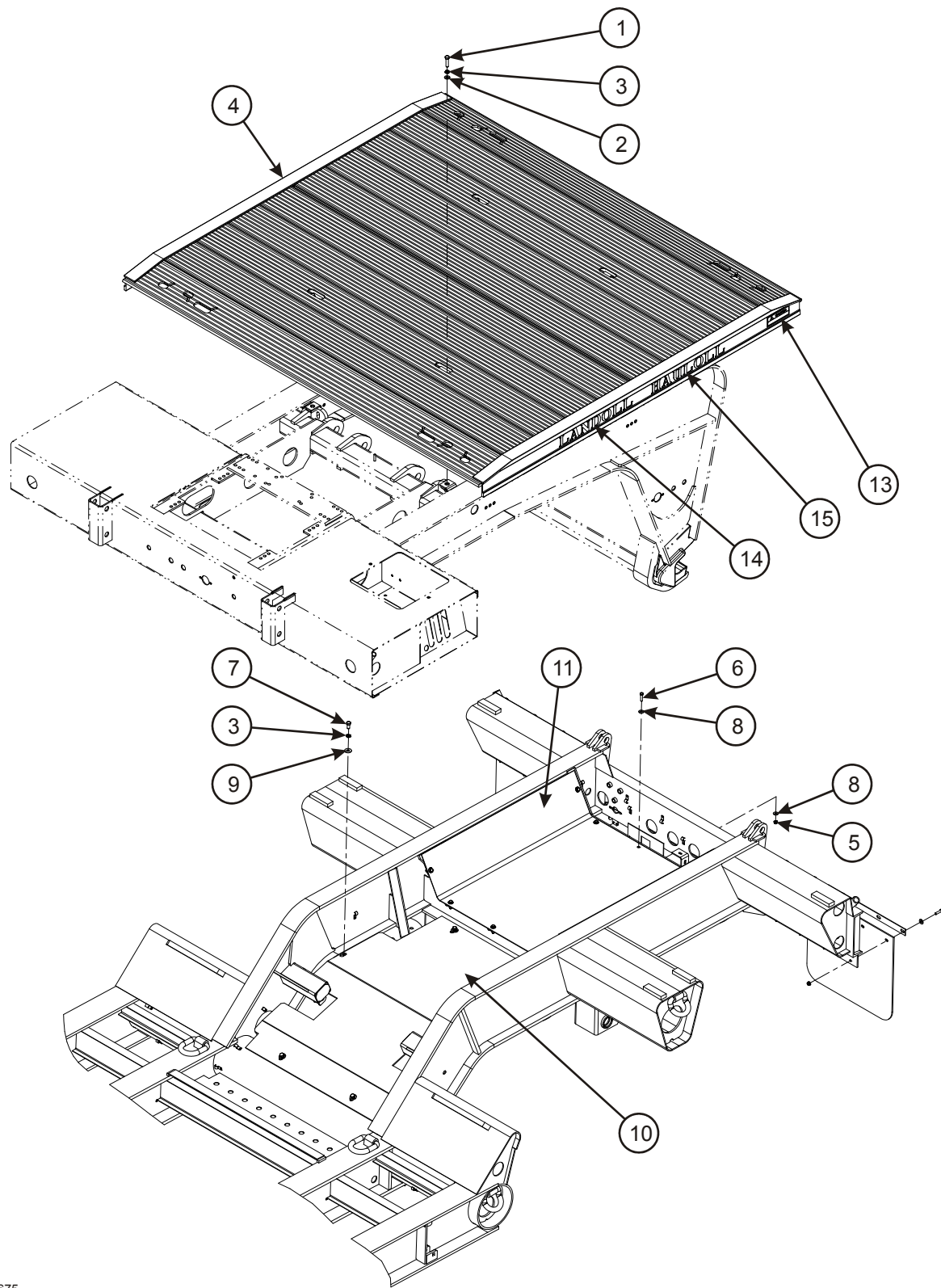


Figure 2-66: Hydraulic Flip Assembly - Air

HYDRAULIC FLIP ASSEMBLY - AIR

ITEM	PART NO.	DESCRIPTION	QTY.
	159728	FLIP ASSEMBLY, HYDRAULIC	
1	1-297-010008-07	FITTING, AIR 90	
2	1-297-010008-20	FITTING, AIR 90	
3	1-297-010008-23	FITTING, AIR 90	
4	1-297-010008-24	FITTING, AIR 90	
5	1-297-010008-26	FITTING, AIR 90	
6	1-297-010015-07	FITTING, AIR BR TEE	
7	1-560-010002-02	PLUG, PIPE 1/4	
8	1-560-010002-04	PLUG, PIPE 1/2	
9	2083-8-4S	NIPPLE, HEX	
10	3-780-010002	AIR TANK	
11	55B61	FRAME UNION	
12	56D4	COCK, DRAIN AIR TANK	
13	758-181	VALVE, TASK 4 PORT	
14	905-54-107	BRAKE PROTECTION VALVE	



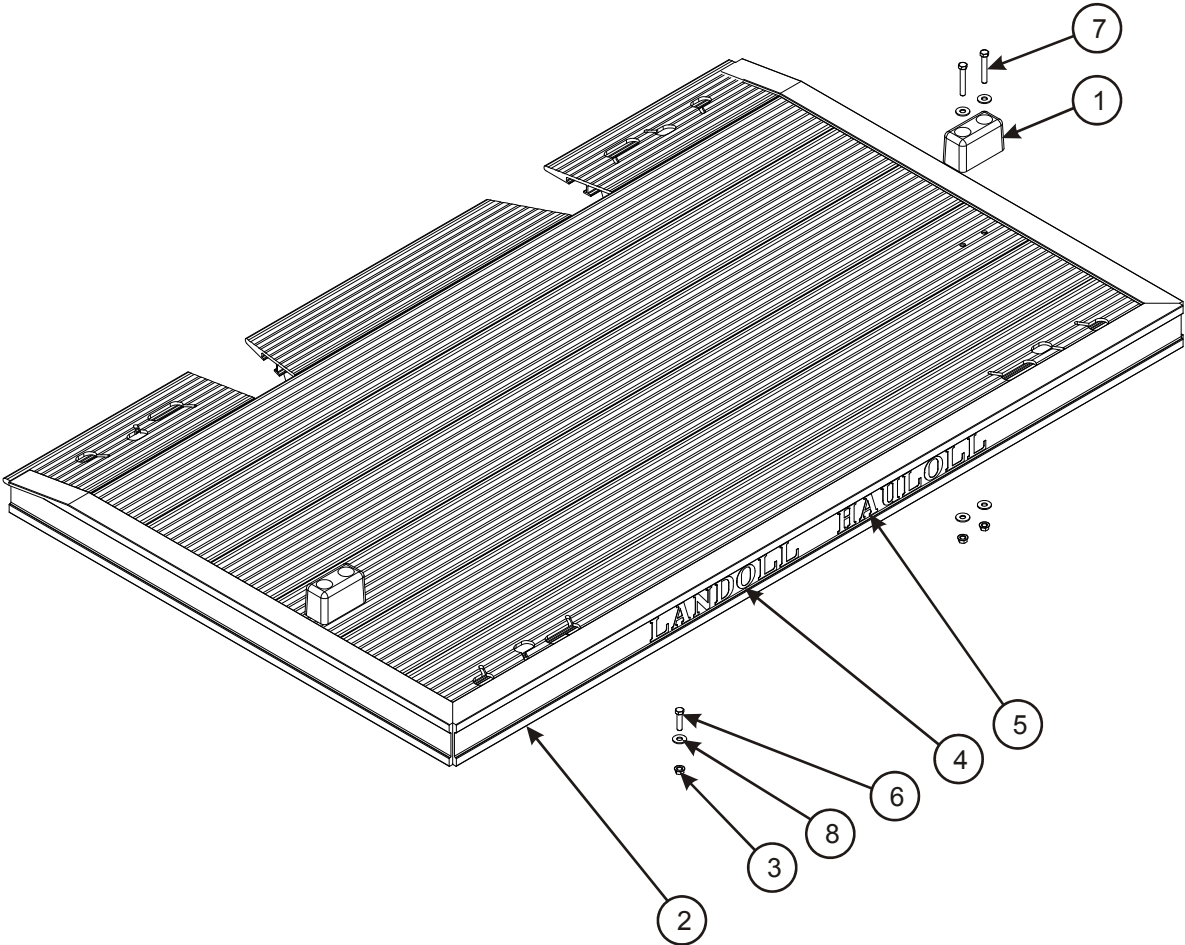
m120675

Figure 2-67: Bed Installation (Trunnion and Gooseneck)

BED INSTALLATION (TRUNNION AND GOOSENECK)

ITEM	PART NO.	DESCRIPTION	QTY.
	105190	BED INSTALLATION ALUM. (825/835C) (ITEMS 1-4)	
	129311	BED INSTALLATION ALUM. (835C) (ITEMS 1-4)	
	129876	BED INSTALLATION ALUM. (835C) (ITEMS 1-4)	
	120675	TRUNNION COVER (835C) (ITEMS 3, 5-11)	
1	1-654-010055-05	SCREW, HEX HEAD CAP 1/2-13 X 2 GR5	4
2	1-861-010032-14	WASHER, FLAT 1/2	4
3	1-861-010034-13	WASHER, SPLIT LOCK 1/2	*4,6
4	105193	BED WELDMENT 73-1/8" (825C & 835C)	1
	129312	BED WELDMENT ALUM 127-1/8" (835C)	1
	129877	BED WELDMENT ALUM 145-1/8" (835C SPREAD)	1
5	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	8
6	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	10
7	1-654-010055-01	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	6
8	1-861-010032-11	WASHER, FLAT 3/8 W	18
9	1-861-010032-15	WASHER, FLAT 1/2W	6
10	114723	COVER, TROUGH 835 FRONT	1
11	114724	COVER, TRUNNION FORMED	1
12	182070	BELT X 72" (105190 & 131150) (NOT SHOWN)	AR
	182073	BELT X 120" (129311) (NOT SHOWN)	AR
	182074	BELT X 138" (129876) (NOT SHOWN)	AR
	182071	BELT X 90" (128699) (NOT SHOWN)	AR
13	186009	DECAL, 14,000 LB ALUMINUM BED	2
14	155273	DECAL, LANDOLL 2-1/2" BLACK REFLECTIVE	2
15	155274	DECAL, HAULOLL 2-1/2" BLACK REFLECTIVE	2

* 1ST QUANTITY USED W/ P/N 105190; 2ND QUANTITY USED W/ P/N 120675



m130283

Figure 2-68: Bed Installation (Flip Axle)

BED INSTALLATION (FLIP AXLE)

ITEM	PART NO.	DESCRIPTION	QTY.
	130283	BED ASSEMBLY, FLIP AXLE (835C)	
	148889	BED ASSEMBLY, HYD FLIP AXLE (835C)	
	162408	BED ASSEMBLY, HYD FLIP AXLE W/ CLIP CORNER (835C)	
1	128874	BUMPER, RUBBER 6 X 3 X 3-1/2	2
2	130284	BED WELDMENT, 835 FLIP AXLE	1
	148890	BED WELDMENT, HYD FLIP AXLE (835C)	1
	162409	BED WELDMENT, HYD FLIP AXLE W/ CLIP CORNER (835C)	
3	1-510-010003-09	NUT, FLANGE HEAD SERRATED, 1/2-13	8
4	155273	DECAL, LANDOLL (BLACK)	1
5	155274	DECAL, HAULLOLL (BLACK)	1
6	1-654-010055-05	SCREW, HEX HEAD CAP 1/2-13 X 2 GR5	4
7	1-654-010055-10	SCREW, HEX HEAD CAP 1/2-13 X 3-1/4 GR5	4
8	1-861-010032-15	WASHER, FLAT 1/2W	12

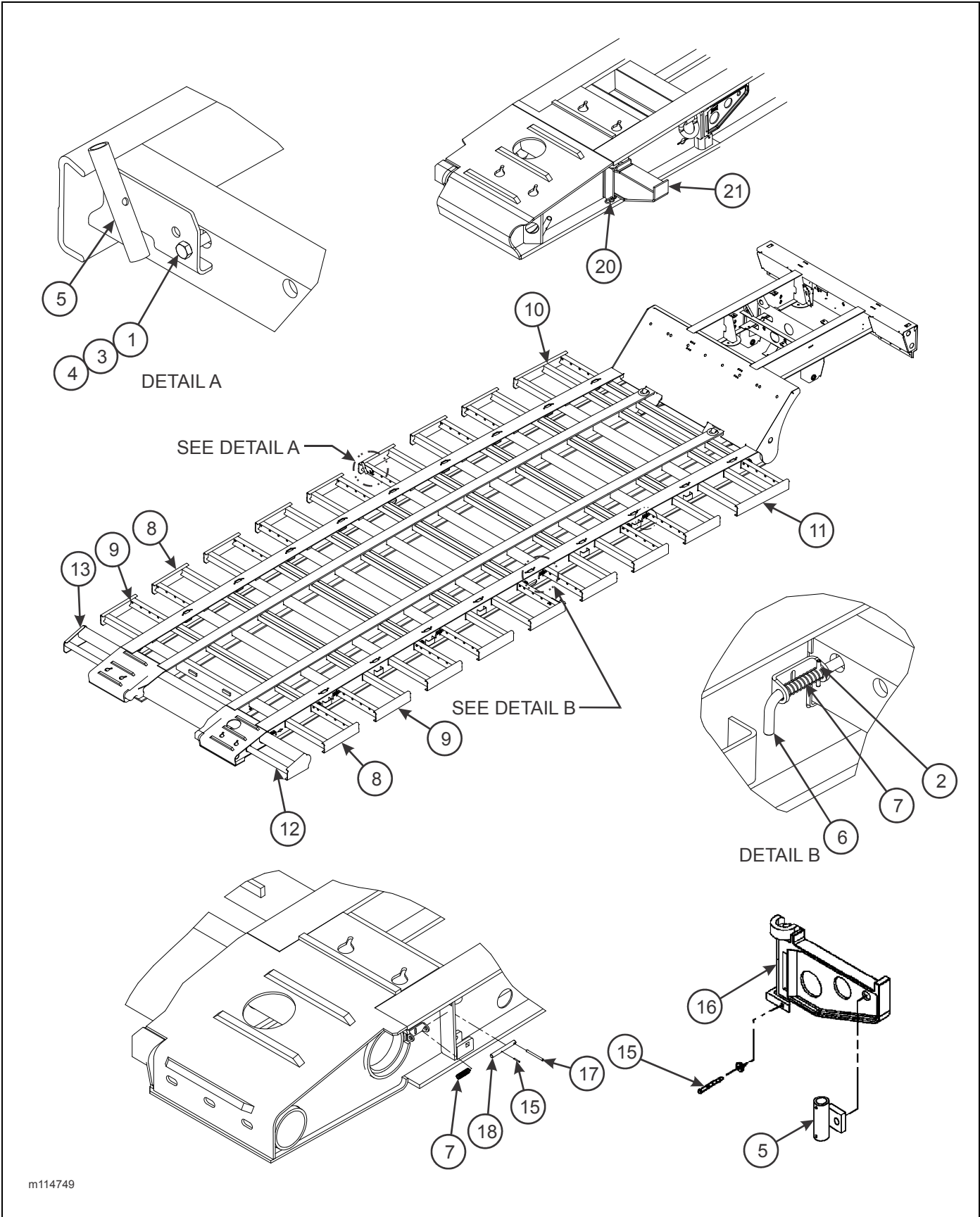
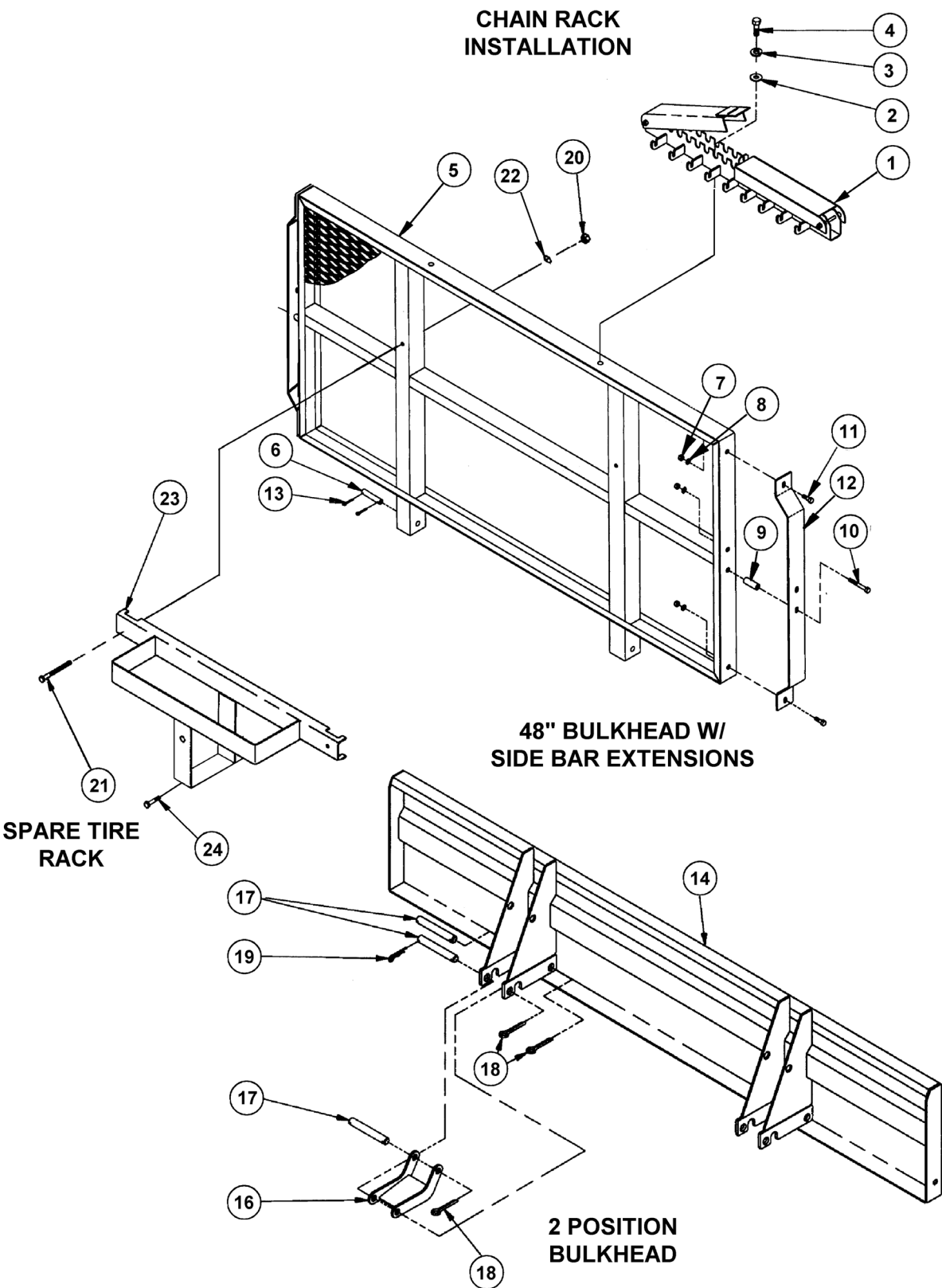


Figure 2-69: Pull and Swing Out Installation

PULL AND SWING OUT INSTALLATION

ITEM	PART NO.	DESCRIPTION	QTY.
	120799	PULL OUT EXTENSION INSTALLATION	REF
	155046	PULL OUT EXTENSION INSTALLATION	
	163101	SWING-OUT INSTALLATION (855-26)	
	163102	SWING-OUT INSTALLATION (855-23-1/2)	
1	1-533-010001	NUT, WING 1/2-13	
2	125520	ROLL PIN, SLTD 1/8 X 1-1/2	
	1-647-010004181	ROLL PIN, SLTD 3/16 X 2	
3	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5 (825C)	
	1-654-010055-04	SCREW, HEX HEAD CAP 1/2-13 X 1-3/4 GR5 (835C)	
	1-654-010055-07	SCREW, HEX HEAD CAP 1/2-13 X 2-1/2 GR5 (835C)	
4	1-861-010032-15	WASHER FLAT 1/2W	
5	108859	WELDMENT, BRACKET FLAG HOLDER (PULLOUT EXT)	
	114741	HOLDER, FLAG WELDMENT (SWINGOUT OUTRIGGER)	
6	104252	PIN, P/O EXT LOCK	
7	104253	SPRING, COMPRESSION P/O EXT LOCK	
8	112598	PULL OUT ASSEMBLY, RH	
	105178	PULL OUT ASSEMBLY, RH	
9	112599	PULL OUT ASSEMBLY, LH	
	105179	PULL OUT ASSEMBLY, LH	
10	112621	EXTENSION WELDMENT, P/O REAR RH	
	128712	PULLOUT WELDMENT, RH 10	
	160066	EXTENSION WELDMENT, P/O REAR RH	
	162384	PULL OUT WELDMENT, RH 10	
11	113026	EXTENSION WELDMENT P/O REAR LH	
	128711	PULLOUT WELDMENT, LH 10	
	160065	EXTENSION WELDMENT P/O REAR LH	
	162385	PULL OUT WELDMENT, LH 10	
12	134980	WELDMENT, PULL OUT EXT FRONT LH	
	128797	PULLOUT WELDMENT, STL FRONT LH	
	162381	PULLOUT WELDMENT, FRONT LH	
	162032	PULLOUT WELDMENT, STL FRONT LH	
13	134979	WELDMENT, PULL OUT EXT FRONT RH	
	128798	PULLOUT WELDMENT, STL FRONT RH	
	162382	PULLOUT WELDMENT, FRONT RH	
	162031	PULLOUT WELDMENT, STL FRONT RH	
14	0600-375-01500	PIN, ROLL 3/8 X 1-1/2 (NOT SHOWN) (163101 & 163102)	
15	1-647-010004117	ROLL PIN, SLOTTED 1/8 X1	
16	167-0022	OUTRIGGER FOR 10 CHANNEL	
17	1-647-010004225	ROLL PIN, SLOTTED 1/4 X 3	
18	3-557-010375	PIN, SLIDE LOCK	
19	RWD39000	WOOD, APITONG (NOT SHOWN)	
20	1-557-010014	PIN, HAIR 1/4	
21	3-311-015001	FRONT OUTRIGGER WELDMENT	

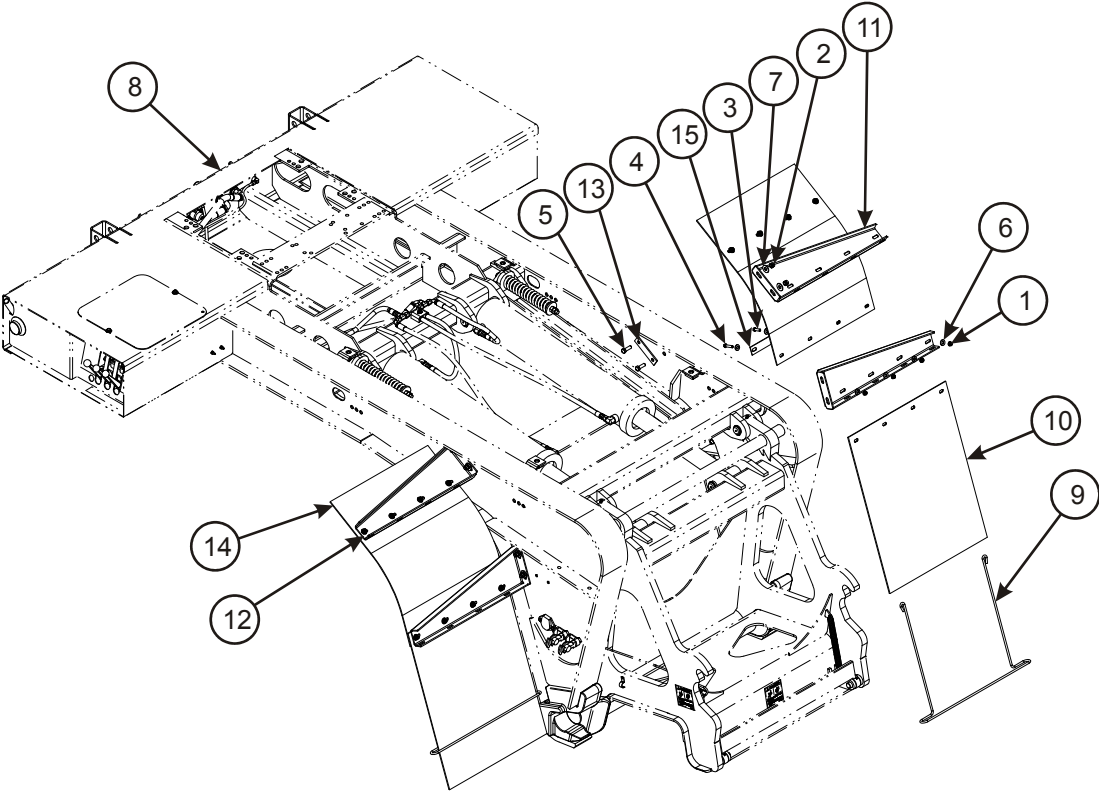


m112986

Figure 2-70: Bulkhead and Chain Rack Installation (Option)

BULKHEAD AND CHAIN RACK INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	B7-141-003	BULKHEAD CHAIN RACK INSTALLATION (ITEMS 1-4)	
	3-141-010121	BULKHEAD INSTALLATION (ITEMS 5-13)	REF
	3-141-010123	BULKHEAD INSTALLATION 2 POSITION (ITEMS 14-19)	REF
	112986	RACK INSTALLATION BHD FRT MOUNT (ITEMS 20-24)	
1	3-141-010008	CHAIN HANGER LOCKING CHANNEL WLDMT	1
2	1-861-010032-11	WASHER, FLAT 3/8	1
3	1-861-010034-11	WASHER, SPLIT LOCK 3/8	1
4	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	2
5	3-141-010155	BULKHEAD WELDMENT 48 X 96	1
	3-141-010152	BULKHEAD WELDMENT 16 X 102	1
6	6-557-010163	PIN, HITCH LEVEL LINK	2
7	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	6
8	1-861-010032-15	WASHER, FLAT 1/2W	6
9	3-711-010025	SPACER, BULKHEAD 48"	2
10	1-654-010055-13	SCREW, HEX HEAD CAP 1/2-13 X 4 GR5	2
11	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
12	3-054-010101	BAR SIDE, BULKHEAD 48"	2
13	1-557-010362-63	COTTER PIN 1/4 X 2	4
14	3-141-010147	BULKHEAD WELDMENT 16/24 X 102 2 POS	1
16	3-755-010080	SUPPORT WELDMENT, BULKHEAD	2
17	3-557-010380	PIN SUPPORT, BULKHEAD	6
18	1-557-010362-63	COTTER PIN 1/2 X 2	10
19	1-557-010014	HAIRPIN 1/4	2
20	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	3
21	1-654-010055-15	SCREW, HEX HEAD CAP 1/2-13 X 5 GR5	2
22	1-861-010032-15	WASHER, FLAT 1/2W	2
23	112987	RACK WELDMENT, BULKHEAD MOUNT	1
24	1-654-010055-01	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	1



m142065

Figure 2-71: Gooseneck Mud Flap Installation

GOOSENECK MUD FLAP INSTALLATION

ITEM	PART NO.	DESCRIPTION	QTY.
	142065	MUD FLAP INSTALLATION, GOOSENECK	
1	1-510-010001	NUT, FLANGE LOCK 3/8-16	16
2	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	8
3	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	12
4	1-654-010051-08	SCREW, HEX HEAD CAP 3/8-16 X 1-3/4 GR5	4
5	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	8
6	1-861-010032-11	WASHER, FLAT 3/8W	32
7	1-861-010032-15	WASHER, FLAT 1/2W	8
8	-----	GOOSENECK ASSEMBLY	REF
9	128886	BRACKET, ANTI-SAIL MUD FLAP	2
10	131195	MUD FLAP, BLACK POLYMER 24 X 30	2
11	136870	MOUNT, FENDER/ MUD FLAP RH	2
12	136871	MOUNT, FENDER/ MUD FLAP LH	2
13	136908	DOUBLER FENDER MOUNTING	4
14	142064	MUD FLAP, POLYMER MOD 24 X 30	2
15	3-762-010017	CLAMP, MUD FLAP	4

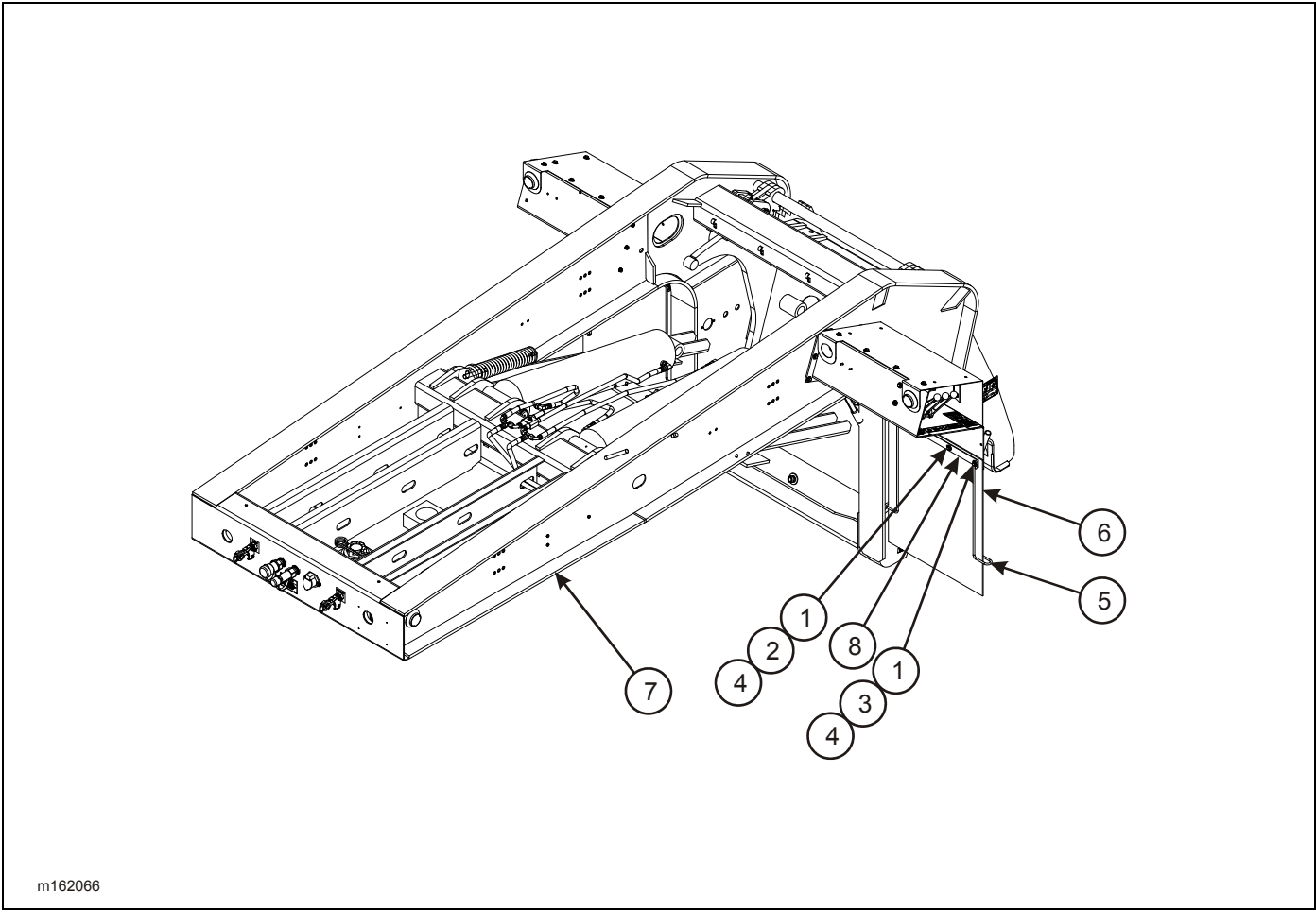


Figure 2-72: Gooseneck Mud Flaps (Option)

GOOSENECK MUD FLAPS (855C) (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	162066	GOOSENECK MUD FLAPS	
1	1-510-010001	NUT, FLANGE HEAD SERRATED 3/8-16	8
2	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	4
3	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	4
4	1-861-010032-11	WASHER, FLAT 3/8W	16
5	128886	BRACKET, ANTI-SAIL MUD FLAP	2
6	131195	MUD FLAP, BLACK POLYMER 24 X 30	2
7	160367	GOOSENECK ASSEMBLY, 13'	REF
8	3-762-010017	CLAMP, MUD FLAP	2

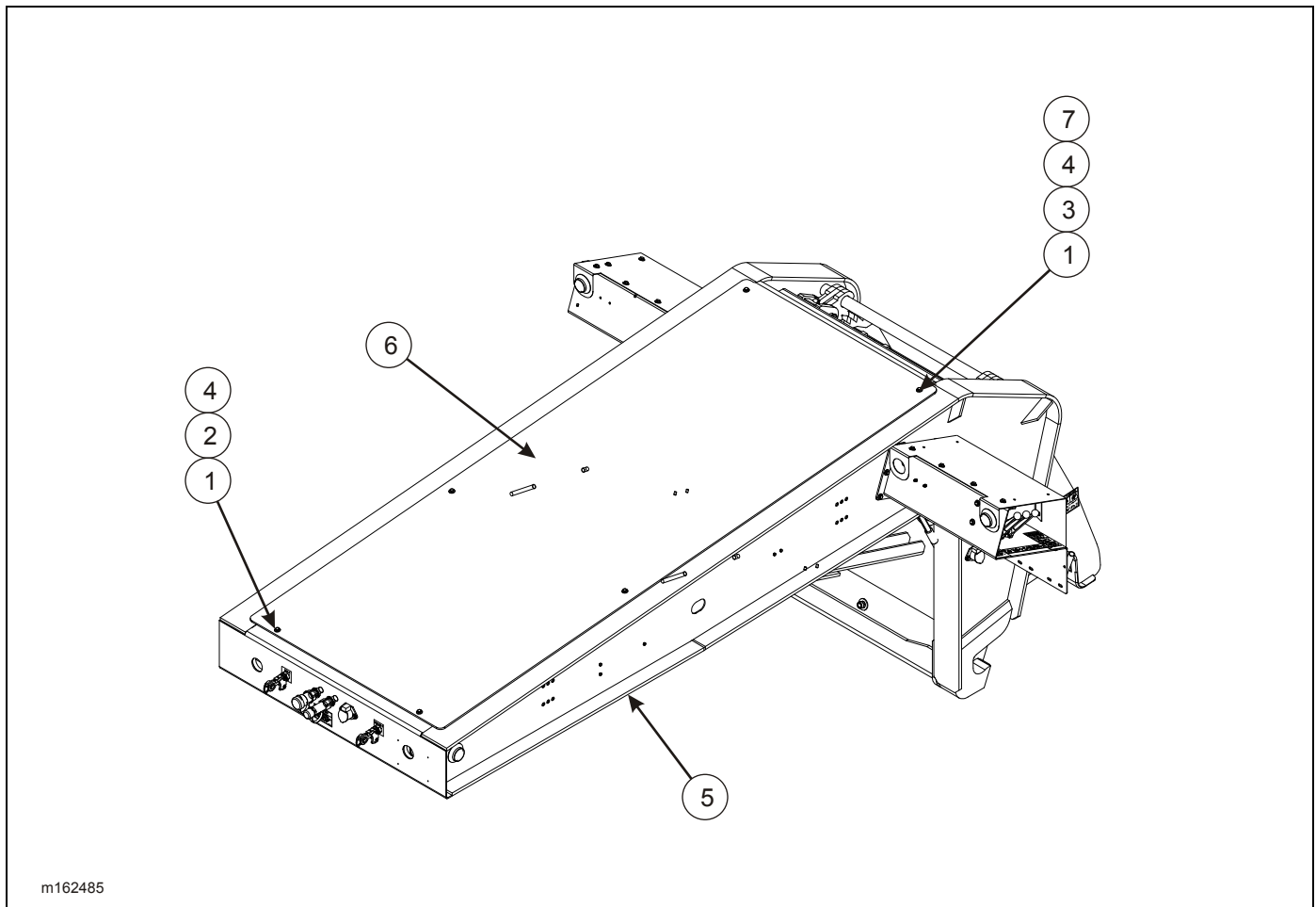


Figure 2-73: Gooseneck Cover Assembly (855C) (Option)

GOOSENECK COVER ASSEMBLY (855C) (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	162485	GOOSENECK COVER ASSEMBLY	
1	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	6
2	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	2
3	1-654-010051-09	SCREW, HEX HEAD CAP 3/8-16 X 2 GR5	4
4	1-861-010032-11	WASHER, FLAT 3/8W	12
5	160367	GOOSENECK ASSEMBLY, 13FT	REF
6	162483	COVER, GOOSENECK TOP ALUMINUM	1
7	162484	CLAMP, GOOSENECK COVER	4

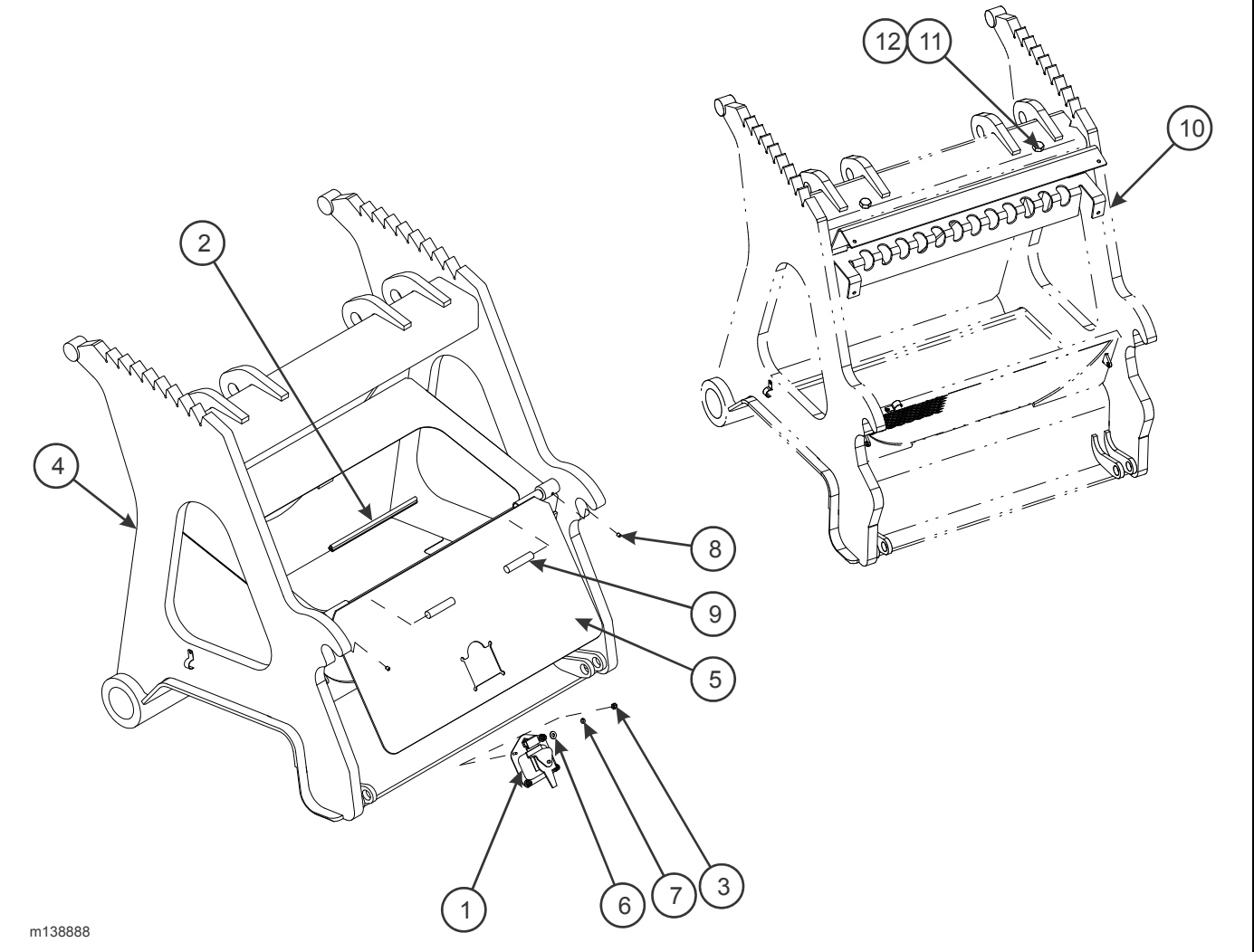
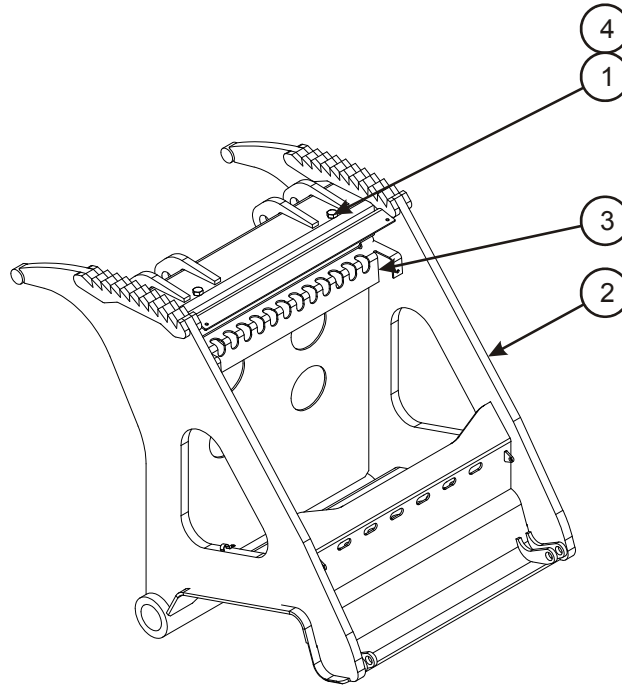


Figure 2-74: Chain Rack and Toolbox Assembly (Option)

CHAIN RACK AND TOOLBOX ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	138888	CHAIN RACK AND TOOLBOX ASSEMBLY	
	114488	CHAIN/BINDER RACK AND TRAY INSTALLATION	
1	114814	LATCH, FOLDING T LOCKABLE	1
2	114815	SEAL, SPONGE RUBBER TRIM	AR
3	115877	NUT, HEAVY HEX 1/4-20 GRB	4
4	138648	TOOLBOX BETWEEN LOCKARMS	1
5	138887	DOOR WELDMENT, TOOLBOX	1
6	1-861-010032-07	WASHER, FLAT 1/4W	4
7	1-861-010034-09	WASHER, SPLIT LOCK 1/4	4
8	107-0975	SCREW, SET LOCK 5/16-18 X 3/8	2
9	RPRB59004X3H	BAR, RD NYLATRON 3/4 X 3-1/2	2
10	114466	RACK WELDMENT, CHAIN/BINDER	1
11	1-654-010061-16	SCREW, HEX HEAD CAP 3/4-10 X 5-1/2 GR5	2
12	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	2

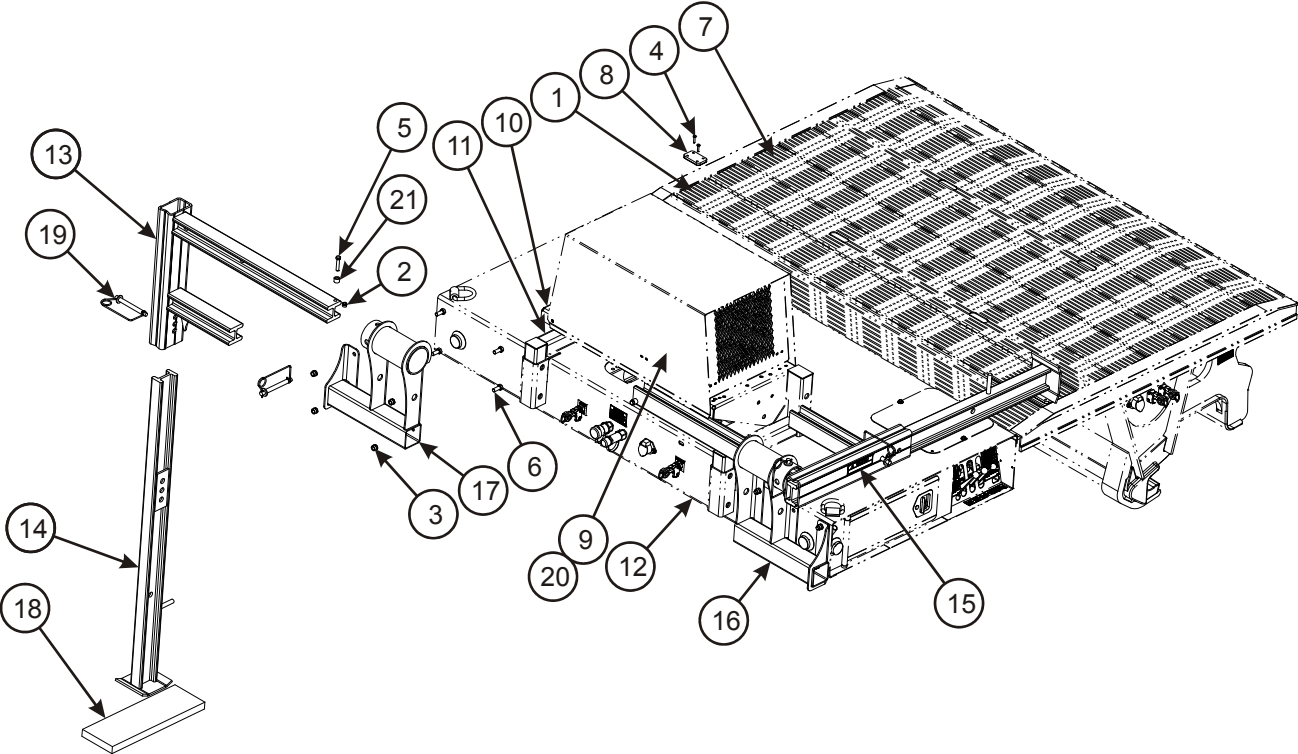


m162051

Figure 2-75: Rack and Tray Installation (855C) (Option)

RACK AND TRAY INSTALLATION (855C) (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	162051	RACK AND TRAY INSTALLATION (855C) (OPTION)	
1	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	2
2	160396	CARRIER WELDMENT	REF
3	162049	RACK WELDMENT CHAIN/BINDER	1
4	W908409-4	SCREW, HEX HEAD CAP 3/4-10 X 6 GR5	2



m156506

Figure 2-76: Gooseneck Leg Assembly

GOOSENECK LEG ASSEMBLY

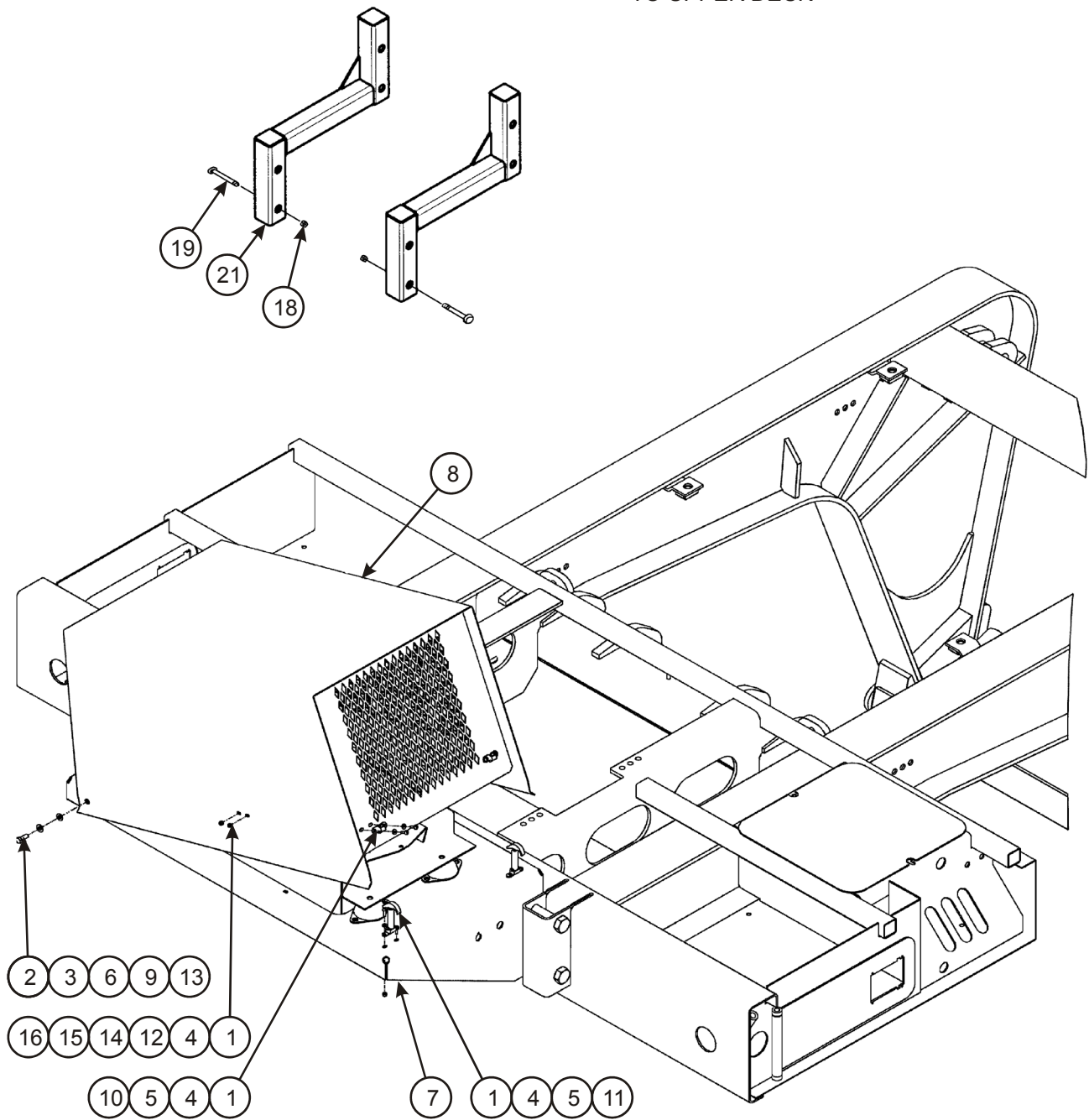
ITEM	PART NO.	DESCRIPTION	QTY.
	156506	GOOSENECK LEG ASSEMBLY	
1	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	4
2	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	2
3	1-512-010005-13	NUT, HEX LOCK 5/8-11 GRB	8
4	1-654-010047-07	SCREW, HEX HEAD CAP 1/4-20 X 1-1/4 GR5	4
5	1-654-010055-07	SCREW, HEX HEAD CAP 1/2-13 X 2-1/2 GR5	2
6	1-654-010059-03	SCREW, HEX HEAD CAP 5/8-11 X 1-1/2 GR5	8
7	105193	BED WELDMENT	REF
8	110996	PAD, SWING REST BOTTOM	2
9	112175	COVER WELDMENT 11HP	REF
10	112184	MOUNT WELDMENT, 11 HP FRONT ENG	REF
11	118006	MOUNT WELDMENT, ENG PKG	REF
12	155055	GOOSENECK ASSEMBLY 12'	REF
13	156509	SUPPORT WELDMENT, PIN DROP LEG	2
14	156524	LEG WELDMENT, PIN DROP	2
15	157177	DECAL, DETACHED GOOSENECK	2
16	157245	ANCHOR WELDMENT, LH G/N LEG	1
17	157246	ANCHOR WELDMENT, RH G/N LEG	1
18	157255	PLANK, APITONG 1-1/2 X 7-3/4 X 24	2
19	346SL	LOCK HITCH PIN	4
20	B7-273-008	ENGINE DRIVE, 11HP	REF
21	RRT128X.75	TUBE, ROUND 1 OD X 9/16 X 3/4	2



ENGINE INSTALLATION FRONT MOUNT (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	112172	ENGINE INSTALLATION FRONT MOUNT	
1	1-295-010001	RETURN LINE FILTER	REF
2	1-397-010301024	HOSE ASSEMBLY 1/2 X24	2
3	1-397-010305060	HOSE ASSEMBLY 3/4 X 60	1
4	1-512-010005-19	NUT, HEX LOCK 1-8 GRB	4
5	1-654-010065-17	SCREW, HEX HEAD CAP 1-8 X 6 GR5	4
6	105479	COUPLER FLAT FACE MALE NOSE	1
7	105480	COUPLER FLAT FACE FEMALE BODY	1
8	112184	MOUNT WELDMENT 11 HP FRONT ENGINE	1
9	125130	VALVE, HYDR PRESSURE RELIEF LW	1
10	-----	GOOSENECK ASSEMBLY	REF
11	2021-12-8S	ADAPTER STRAIGHT	1
12	2024-12-12S	ELBOW 90	REF
13	2024-12-8S	ELBOW 90	1
14	202702-12-12S	ADAPTER	1
15	202702-12-8S	ADAPTER	1
16	3-786-010033	TANK WELDMENT 5.5 GAL W/ ENG MOUNT	REF
17	3-846-010155	VALVE, RESTRICTOR (NOT SHOWN)	2
18	3/4NIPPLE	NIPPLE, ALL THREAD 3/4	1
19	CA-1595	MACHINE MOUNT 40 DUROMETER	REF
20	1-397-010302060	HOSE ASSEMBLY 1/2 X 60	1

NOTE: WHEN USING ITEM 21, ITEM 7
RELOCATED FROM FRONT OF TRAILER
TO UPPER DECK

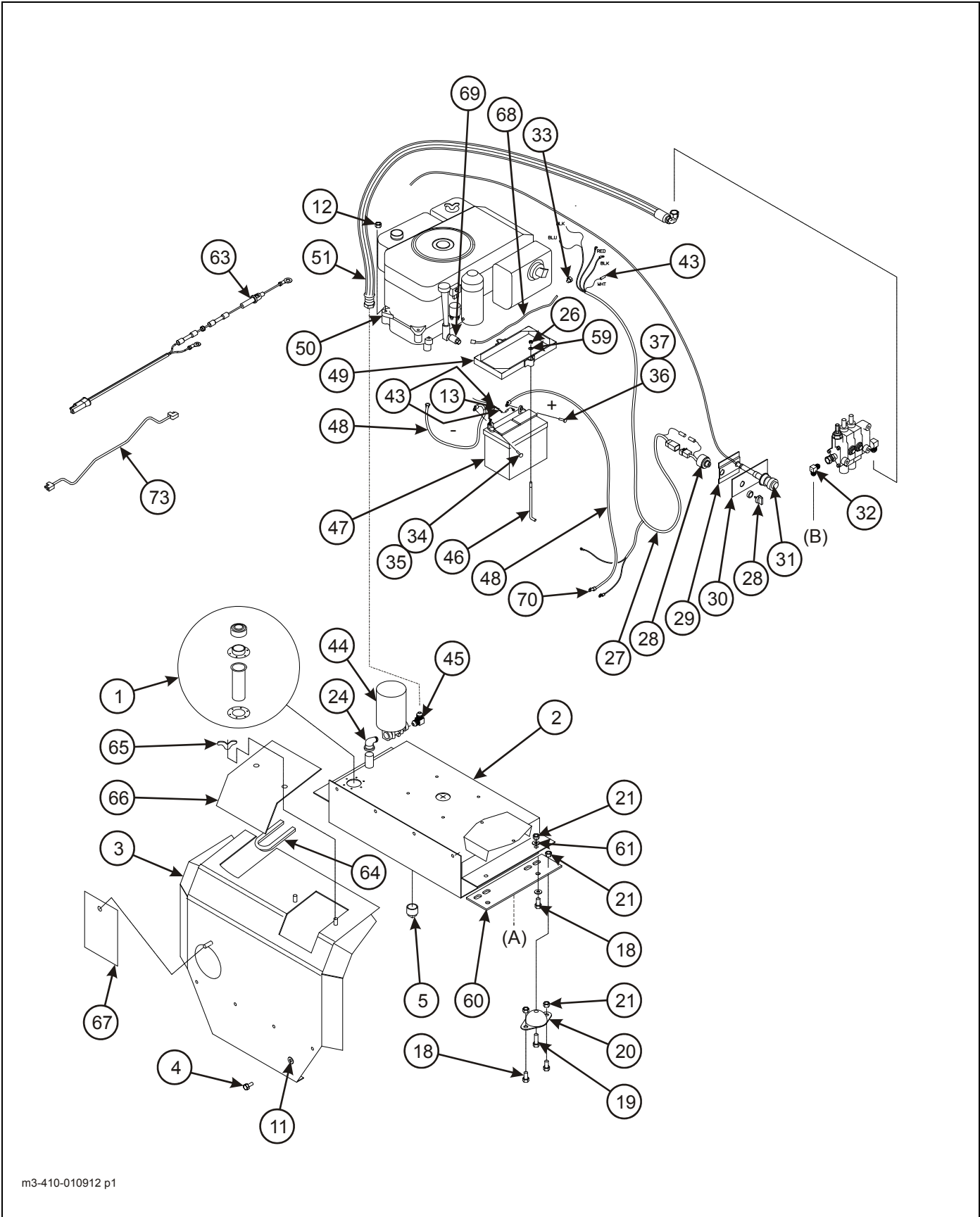


ma112174

Figure 2-78: Front Mount Engine Cover Installation (Option)

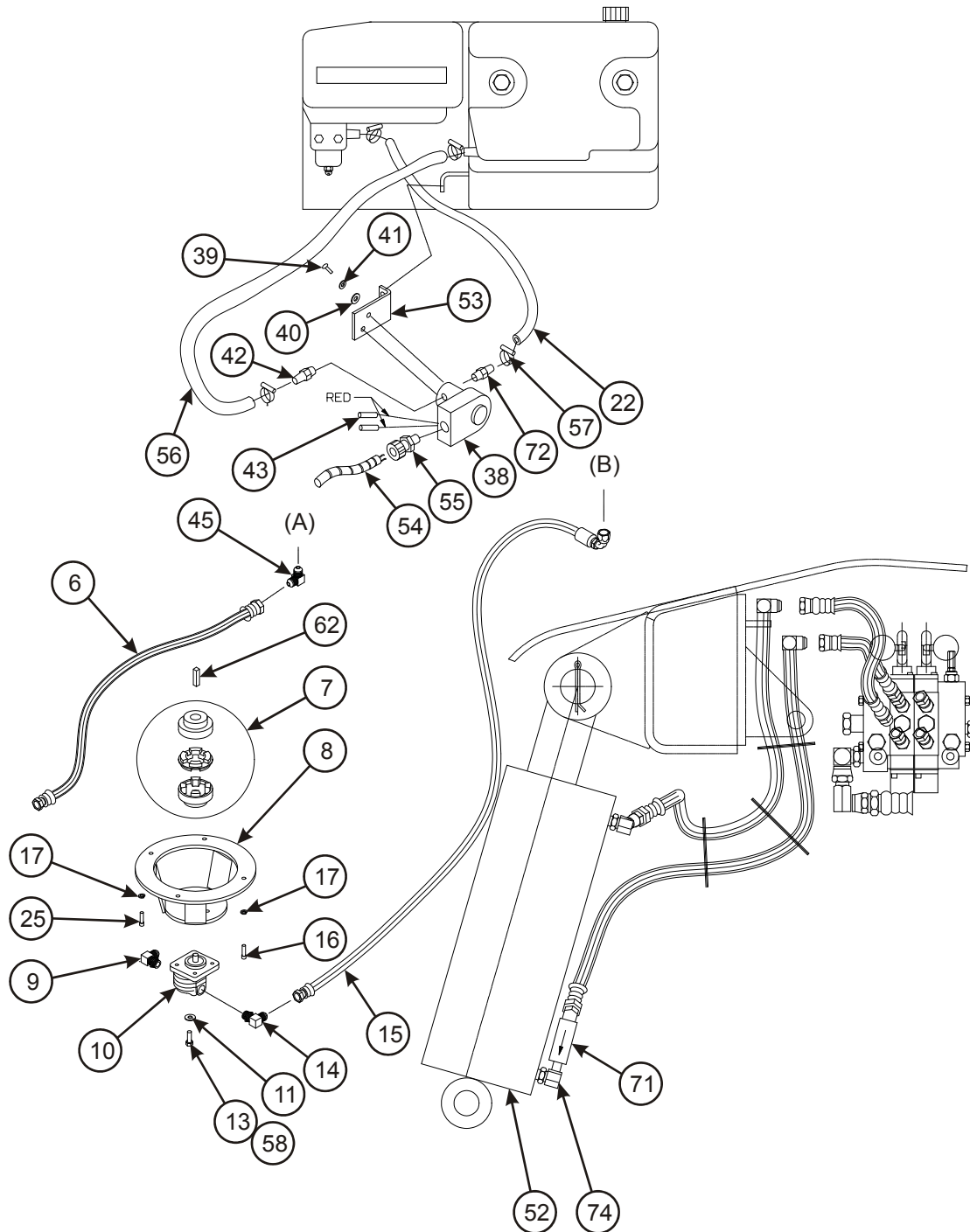
FRONT MOUNT ENGINE COVER INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	112174	COVER, INSTALLATION 11 HP FRONT MOUNT	
1	1-512-010004-03	NUT, HEX LOCK 10-24 GRA	10
2	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	2
3	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	2
4	1-656-010003051	SCREW, RD HEAD MACH #10-24 X 3/4	10
5	1-861-010032-03	WASHER, FLAT #10	10
6	1-861-010032-10	WASHER, FLAT 3/8N	2
7	112172	ENGINE INSTALLATION FRONT MOUNT (SEE PAGE 2-125)	REF
8	112175	COVER WELDMENT 11HP	1
9	112248	NYLON SHOULDER WASHER	4
10	231-4310	BRACKET, LATCHING	2
11	239-4899	LATCH, BATTERY COVER	2
12	1-343-010001	RUBBER GROMMET	1
13	10030	SEAL, BAR STOCK NEOPRENE SPNG	1
14	3-120-010463	BRACKET, HOOD STRAP	1
15	3-153-010024040	CABLE, VINYL COATED 1/8 X 40	1
16	3-182-010034	CLAMP, 1/8 WIRE ROPE	4
	118005	MOUNT KIT, ENG PACKAGE 825 DECK	1
17	1-397-010302042	HOSE ASSEMBLY, 1/2 X 42 (NOT SHOWN) (REPLACES ITEM 68 PAGE 2-131)	1
18	1-512-010005-19	NUT, HEX LOCK 1-8 GRB	2
19	1-654-010065-17	SCREW, HEX HEAD CAP 1-8 X 6 GR5	2
20	105276	HOSE ASSEMBLY, 3/4 X 52 (NOT SHOWN) (REPLACES ITEM 6 PAGE 2-130)	1
21	118006	MOUNT WELDMENT ENG PKG 825 DECK	2



m3-410-010912 p1

Figure 2-79: 42-11 HP Honda Engine Drive Installation (Option) (1 of 2)



m3-410-010912 p2

Figure 2-80: 42-11 HP Honda Engine Drive Installation (Option) (2 of 2)

42-11 HP HONDA ENGINE DRIVE INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-410-010912	42-11 HP HONDA ENGINE DRIVE INSTALLATION	REF
1	3-162-010001	FILLER BREATHER STRAINER ASSEMBLY	1
2	3-786-010037	TANK WELDMENT	1
3	3-681-010069	SHIELD WELDMENT	1
4	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	4
5	1-560-010002-05	PLUG, PIPE 3/4-14	1
6	1-397-010304016	HOSE ASSEMBLY 16"	1
7	3-220-010010	COUPLING ASSEMBLY	1
8	3-482-010051	PUMP MOUNT WELDMENT	1
9	2062-10-12S	ADAPTER 90	1
10	3-591-010010	PUMP, HYDRAULIC	1
11	1-861-010032-11	WASHER, FLAT 3/8W	8
12	1-512-010005-03	NUT, HEX LOCK 5/16-18	2
13	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	4
14	2062-10-8S	ADAPTER 90	1
15	1-397-010302060	HOSE ASSEMBLY 60"	1
16	1-654-010050-07	SCREW, HEX HEAD CAP 5/16 -24 X 1-1/2 GR5	2
17	1-861-010032-09	WASHER, FLAT 5/16	4
18	1-654-010055-01	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	12
19	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
20	CA-1595	MACHINE MOUNT 40 DUROMETER	4
21	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	16
22	3-316-010008	FUEL HOSE 3/16	1
23	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	8
24	1-271-010005-05	ELBOW, STR 3/4	1
25	5/16-18X2 HHCS	SCREW, HEX HEAD CAP 5/16-18 X 2 GR5	2
26	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
27	3-368-010068	HARNESS, WIRING	1
28	3-765-010015	SWITCH ASSEMBLY, STARTER	1
29	3-565-010173	PLATE, CLAMP	1
30	3-565-010172	PLATE MOUNTING ENGINE CONTROLS	1
31	139140	THROTTLE CABLE	1
32	2071-8-8S	ADAPTER 90	1
33	102-0323	CAP NUT	1
34	1/4-20X1-1/4 CB	SCREW, RD HEAD SQ NECK 1/4-20 X 1-1/4	1
35	1-512-010007-05	NUT, HEX 1/4-20	1
36	111-1267	SCREW, RD HEAD SQ NECK 5/16-18 X 1-1/4 GR5	1
37	1-512-010007-06	NUT, HEX 5/16-18	1
38	3-850-010002	FUEL SOLENOID 12V DC	1
39	1-654-010100015	SCREW, MACH SLOT TRUSS HEAD #8-32 X 5/8	2
40	1-861-010032-03	WASHER, FLAT #10	2
41	1-861-010034-07	WASHER SPLIT LOCK #10	2
42	102-0511	HOSE BARB	2
43	3-272-010021	ELECT. BUTT SPLICE	2
44	1-295-010001	RETURN LINE FILTER	1
45	2024-12-12S	ADAPTER, 90	2
46	3-014-010023	ANCHOR BOLT BATTERY	2
47	1-060-010004	BATTERY	1
48	3-156-010042	CABLE ASSEMBLY	2

42-11 HP HONDA ENGINE DRIVE INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
49	3-380-010006	HOLD DOWN BATTERY	1
50	3-273-010014	ENGINE, 11HP HONDA	1
51	1-397-010305060	HOSE ASSEMBLY 60"	1
52	2-242-010084	CYLINDER, HYDRAULIC 8 X 8	REF
53	3-482-010137	MOUNT FUEL SOLENOID	1
54	3-201-010002	CONDUIT, FLEX PLASTIC 3/8	1
55	106-0078	STRAIN RELIEF CONN 1/2	1
56	104-0505	HOSE FUEL LINE	2
57	105-0105	CLAMP, HOSE	4
58	#242 LOCKTITE	LOCKTITE 242	AR
59	1-861-010032-07	WASHER, FLAT 1/4	2
60	3-054-010066	BAR, 4 HOLE MOUNT	2
61	1-861-010032-15	WASHER, FLAT 1/2W	8
62	110-4337	KEY, STEEL	1
63	153032	HARNESS, TRICKLE CHARGE BATTERY	1
64	1-822-010002	TRIM-LOK 3/16 X 23	1
65	1/4-20WN	WING NUT, 1/4-20	3
66	3-681-010056	COVER, ENG ACCESS	1
67	3-681-010057	COVER, HYD ACCESS	1
68	1-397-010318018	HOSE ASSEMBLY 1/2	1
69	3-007-010042	ADAPTER	1
70	STP-164	CONNECTOR, FEMALE 1/4 SPADE INSULATED	1
71	3-846-010156	VALVE, RESTRICTOR ONE WAY	2
72	144736	HOSE BARB	1
73	3-368-010252	HARNESS ASSEMBLY, BULKHEAD LIGHT	1
74	2062-8-8S	ADAPTER, 90	REF

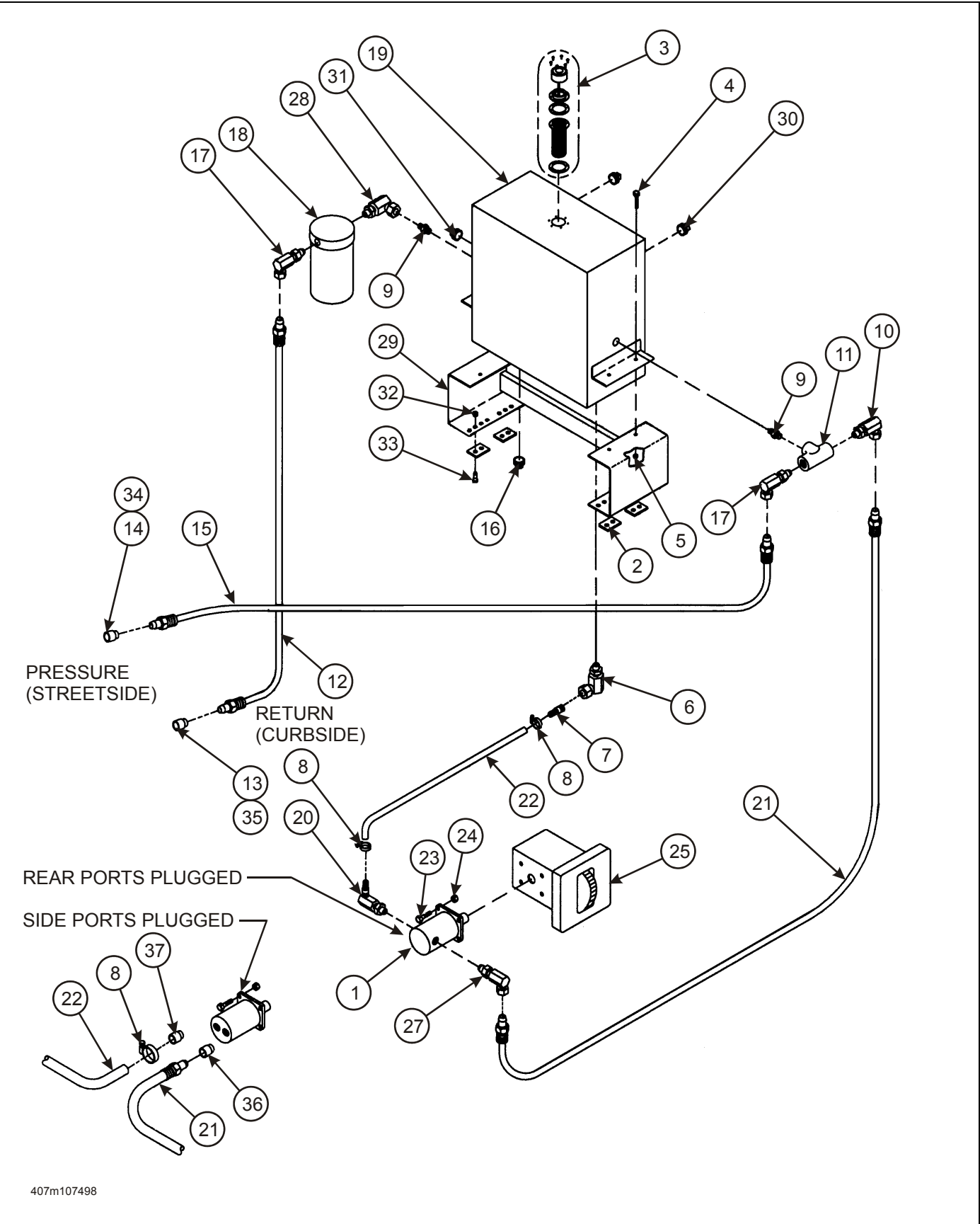


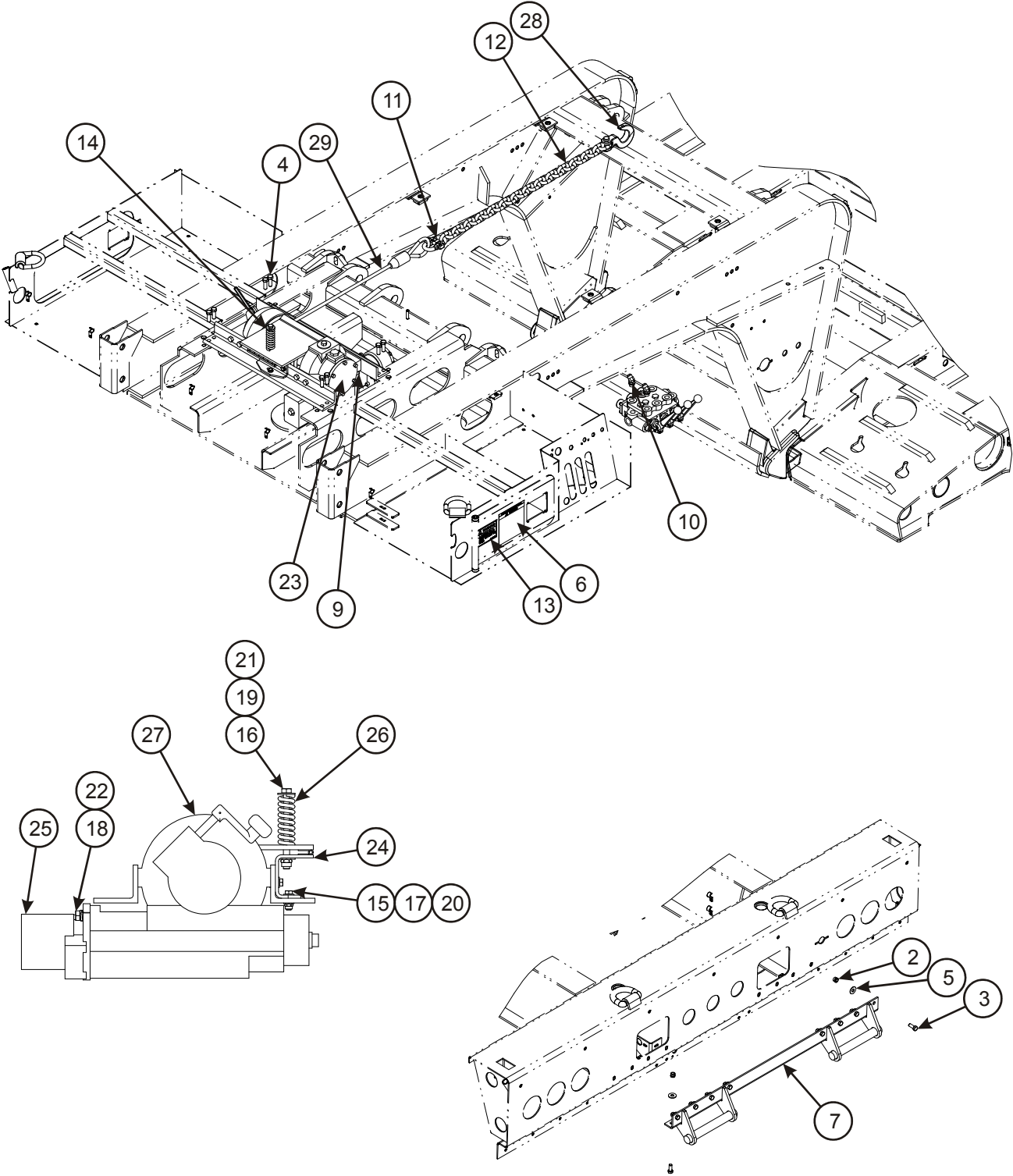
Figure 2-81: Hydraulic Wet Kit (Option)

HYDRAULIC WET KIT (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	107498	HYDRAULIC WET KIT W/ PTO INSTALLED	
	107499	HYDRAULIC WET KIT W/ PTO NOT INSTALLED	
1	3-591-010001	HYDRAULIC GEAR PUMP	1
2	3-120-010461	BRACKET, HYDRAULIC TANK MOUNT SUPPORT	4
3	3-162-010001	FILLER, BREATHER STRAINER	1
4	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	4
5	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	4
6	1-1/4ST ELL	PIPE ELBOW 90	1
7	3-561-010001	HOSE, BARB	1
8	6828	CLAMP, HOSE	2
9	C3069X12	NIPPLE, HEX	2
10	2024-12-8S	ADAPTER, 90	1
11	125130	RD12D HYDRAULIC BY-PASS SRDD	1
12	106760	HOSE 3/4 X 164	1
13	105479	COUPLER, FLAT FACE MALE NOSE	1
14	105480	COUPLER, FLAT FACE FEMALE BODY	1
15	106759	HOSE 1/2 X 164	1
16	1-560-010002-07	PLUG, BLACK PIPE	1
17	2024-12-12S	ADAPTER 90	2
18	1-295-010001	FILTER, RETURN	1
19	3-786-010043	TANK, HYDRAULIC	1
20	1-007-010006	ELBOW 90	1
21	1-397-010301100	HOSE ASSEMBLY 1/2 X 100	1
22	3-399-010001	HOSE 1-1/4 X 4 SUCTION	8'
23	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
24	1-861-010034-13	WASHER SPLIT LOCK 1/2	4
25	PTO	POWER TAKEOFF	1
27	2062-16-8S	ADAPTER 90	1
28	2047-12-12S	ELBOW, 90 SWIVEL	1
29	3-482-010503	TANK MOUNT	1
30	1-560-010002-05	PIPE PLUG 3/4	2
31	1-560-010002-04	PIPE PLUG 1/2	1
32	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	4
33	1-654-010055-04	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
34	105482	COUPLER, DUST CAP FEMALE	1
35	105481	COUPLER, DUST CAP MALE	1
36	12-16 070120	ADAPTER #12 TUBE/ #16 O-RING	1
37	107513	ADAPTER	1

NOTES:

QUICK COUPLERS	3/4"
MAXIMUM OPERATING PRESSURE	2500 PSI
OPERATING FLOW	17 GPM
RESERVOIR REQUIREMENT	15 GAL.



m105098

Figure 2-82: Winch Installation

WINCH INSTALLATION (BRADEN)

ITEM	PART NO.	DESCRIPTION	QTY.
	105098	WINCH INSTALLATION, 825 G/N 12K	
	105099	WINCH INSTALLATION, 825 G/N 20K	
	130534	WINCH INSTALLATION, 835 AG G/N 12K (ITEMS 1-2, 4, 6, 9-14, 28, 30-32)	
	130535	WINCH INSTALLATION, 835 AG G/N 20K (ITEMS 1-2, 4, 6, 9-14, 28, 30-32)	
1	1-397-010302060	HOSE ASSEMBLY 1/2 X 60 (NOT SHOWN)	2
2	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	20
3	1-654-010055-02	SCREW, HEX HEAD CAP 1/2-13 X 1-1/4 GR5	12
4	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	8
5	1-861-010032-15	WASHER, FLAT 1/2	12
6	100600	DECAL, WARNING BRADEN	1
7	105195	ANCHOR WELDMENT	1
8	105301	HOOK, G/N CONNECT REAR PLATE (WELDED TO G/N) (NOT SHOWN)	2
9	202702-10-8S	ADAPTER, #10 O-RING	2
10	2061-8-8S	ADAPTER, 45, #8 O-RING (CONNECTS TO VALVE)	2
11	3-174-010038	CHAIN LINK CONNECTING 1/2	1
12	3-174-010039036	CHAIN 1/2 X 36	1
13	3-573-010299	DECAL, WARNING WINCH	1
14	3-873-010126-2	WINCH ASSEMBLY 12,000 LB (INCL ITEMS 15 - 27)	1
	3-873-010129-2	WINCH ASSEMBLY 20,000 LB (INCL ITEMS 15 - 27)	1
15	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	3
16	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	1
17	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	3
18	1-654-010055-04	SCREW, HEX HEAD CAP 1/2-13 X 1-3/4 GR5	2
19	1-654-010055-16	SCREW, HEX HEAD CAP 1/2-13 X 5-1/2 GR5 (12K)	1
	1-654-010055-17	SCREW, HEX HEAD CAP 1/2-13 X 6 GR5 (20K)	1
20	1-861-010032-10	WASHER, FLAT 3/8N	6
21	1-861-010032-15	WASHER, FLAT 1/2W	1
22	1-861-010034-13	WASHER, SPLIT LOCK 1/2	2
23	100600	DECAL, WARNING BRADEN	1
24	3-873-010124	WINCH TENSIONER WLDMT 12K	1
	102186	WINCH TENSIONER 20K BRADEN SPRING	1
25	3-481-010006	MOTOR, HYDRAULIC 12,000 LB (SEE PAGE 2-143)	1
	3-481-010007	MOTOR, HYDRAULIC 20,000 LB (SEE PAGE 2-143)	1
26	3-720-010010	SPRING COMP LEVEL WIND	1
27	3-873-010122	WINCH, WORM GEAR 12,000 LB (SEE PAGE 2-137)	1
	3-873-010123	WINCH, WORM GEAR 20,000 LB (SEE PAGE 2-140)	1
28	7HCGHT500	CLEVIS GRAB HOOK	1
29	3-155-010017-4	CABLE, 1/2 W/ LOOP 85FT	1
	3-155-010018-6	CABLE, 5/8 W/ LOOP 85FT	1
30	1-647-010004259	SPRING PIN, SLOTTED 3/8 X 3 (NOT SHOWN)	1
31	130536	PIN, HOOK ANCHOR (NOT SHOWN)	1
32	516-22PTL	RETAINING PIN MUD FLAP (NOT SHOWN)	1

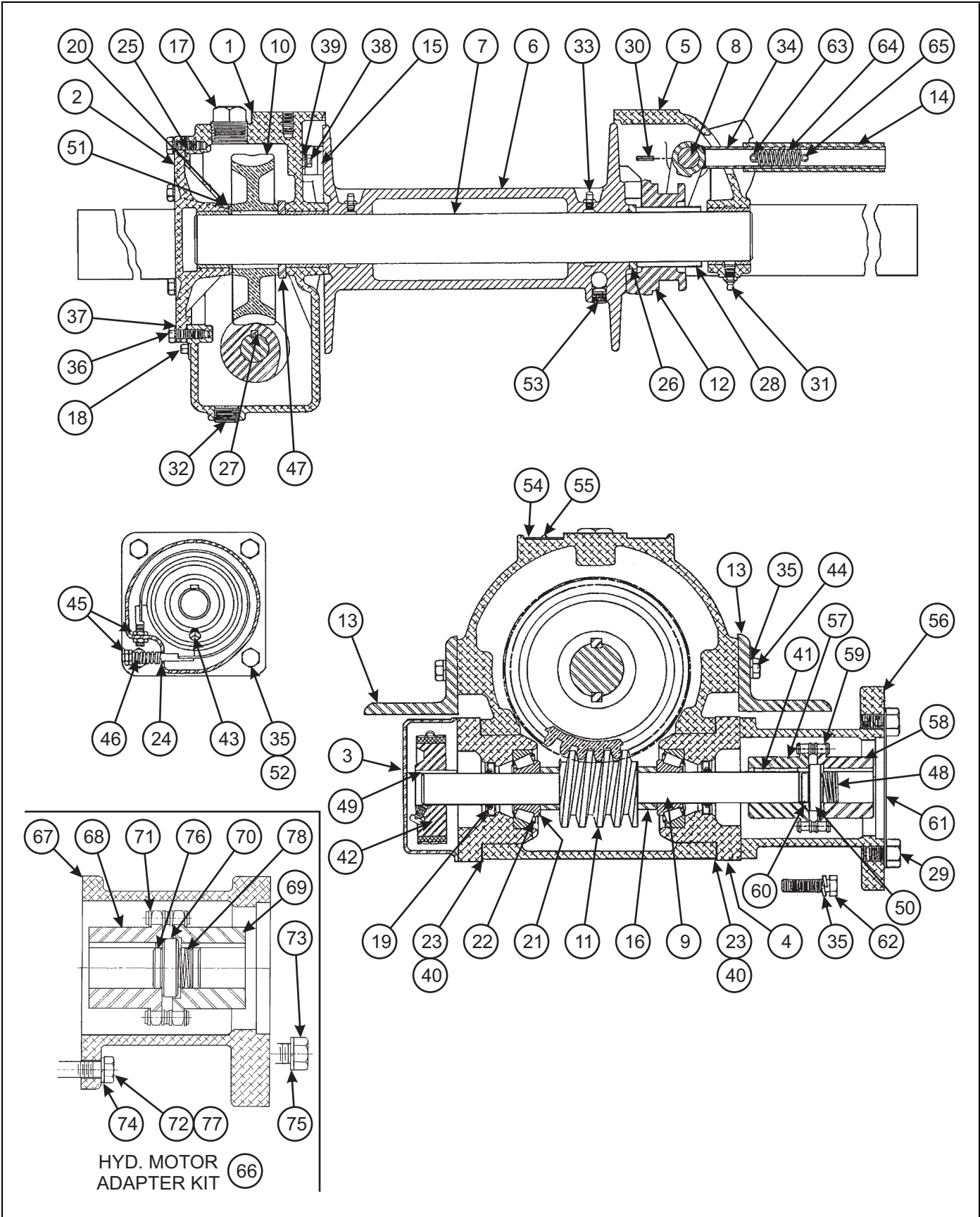


Figure 2-83: 12,000 Lb. Winch Assembly

12,000# WINCH ITEMS (BRADEN)

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
	3-873-010122		WINCH ASSEMBLY 12K (BRADEN)	
1	81006	81006	WORM HOUSING ASSEMBLY	1
1A	18078	18078	BUSHING	1
2	81009	81009	COVER ASSEMBLY WORM HOUSING	1
2A	11368	11368	BUSHING	1
3	18032	18032	HOUSING SAFETY BRAKE	1
4	23303	23303	CONTAINER BEARING	2
5	81530	81530	LEG ASSEMBLY BEARING	1
6	11128	11128	DRUM CABLE	1
7	11129	11129	DRUM SHAFT CABLE	1
8	11130	11130	SHIFTER SHAFT	1
9	23470	23470	SHAFT WORM	1
10	11144	11144	GEAR WORM LEFT HAND	1
11	11142	11142	WORM LEFT HAND	1
12	18039	18039	SLIDING CLUTCH	1
13	22752	22752	ANGLE BASE	2
14	12817	12817	SHIFTER HANDLE	1
15	81025	81025	BRAKE DRAG	1
16	11308	11308	SPACER WORM	2
17	----	22775	PLUG PIPE	1
18	18009	18009	PLUG PIPE	1
19	18026	18026	SEAL GREASE	2
20	11117	11117	KEY WORM GEAR	2
21	18015	18015	CONE BEARING	2
22	18016	18016	CUP BEARING	2
23	18027	18027	GASKET	3
24	21925	21925	BAND BRAKE	1
25	11133	11133	WORM HOUSING COVER GASKET	3
26	18019	18019	RETAINER RING	1
27	18030	18030	KEY WORM	1
28	18020	18020	KEY CLUTCH	2
29	----	10009	CAPSCREW	2
30	11837	11837	ROLLPIN	2
31	18047	18047	FITTING GREASE	1
32	19045	19045	PLUG PIPE	1
33	----	11799	FITTING GREASE	2
34	13839	13839	SHIFTER FORK	1
35	----	18003	WASHER LOCK	16
36	----	11767	CAPSCREW	6
37	----	11011	WASHER LOCK	6
38	13005	13005	CAPSCREW	2
39	----	12780	WASHER LOCK	2
40	18024	18024	BEARING CONTAINER GASKET	3
41	18044	18044	KEY	1
42	18028	18028	DRUM BRAKE	1
43	12075	12075	SETSCREW	1
44	----	21961	CAPSCREW	12
45	13468	13468	JAM NUT	4
46	18029	18029	BRAKE BAND SPRING	1

12,000# WINCH ITEMS (BRADEN)

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
47	11240	11240	RETAINER RING	1
48	----	23353	SPRING	1
49	10078	10078	KEY	1
50	23078	23078	SPACER	1
51	13680	13680	THRUST RING	1
52	----	22703	CAPSCREW	4
53	----	24032	SETSCREW	1
54	----	23310	WARNING PLATE	1
55	----	11842	DRIVE SCREW	2
56	23079	23079	MOTOR ADAPTER	1
57	23081	23081	COUPLING HALF (WORM SHAFT)	1
58	23083	23083	COUPLING HALF (MOTOR SHAFT)	1
59	13424	13424	ROLLER CHAIN	1
60	23085	23085	SPACER	1
61	----	21959	SHIPPING COVER	1
62	----	22704	CAPSCREW	4
63	13028	13028	ROLLPIN	1
64	18002	18002	SPRING	1
65	18056	18056	ROLLPIN	1
66	61333	61333	HYD. MOTOR ADAPTER KIT, 12,000# WINCH (INCL ITEMS 67- 78)	1
67	23079	23079	ADAPTER, MOTOR	1
68	23081	23081	COUPLING HALF, WINCH	1
69	23083	23083	COUPLING HALF, MOTOR	1
70	23078	23078	SPACER, CONSTANT	1
71	13424	13424	CHAIN ROLLER	1
72	----	----	CAPSCREW	4
73	----	----	CAPSCREW	4
74	----	27152	LOCKWASHER	4
75	----	11026	LOCKWASHER	4
76	----	23085	SPACER	1
77	----	----	CAPSCREW	4
78	110452	23353	SPRING SPACER	1

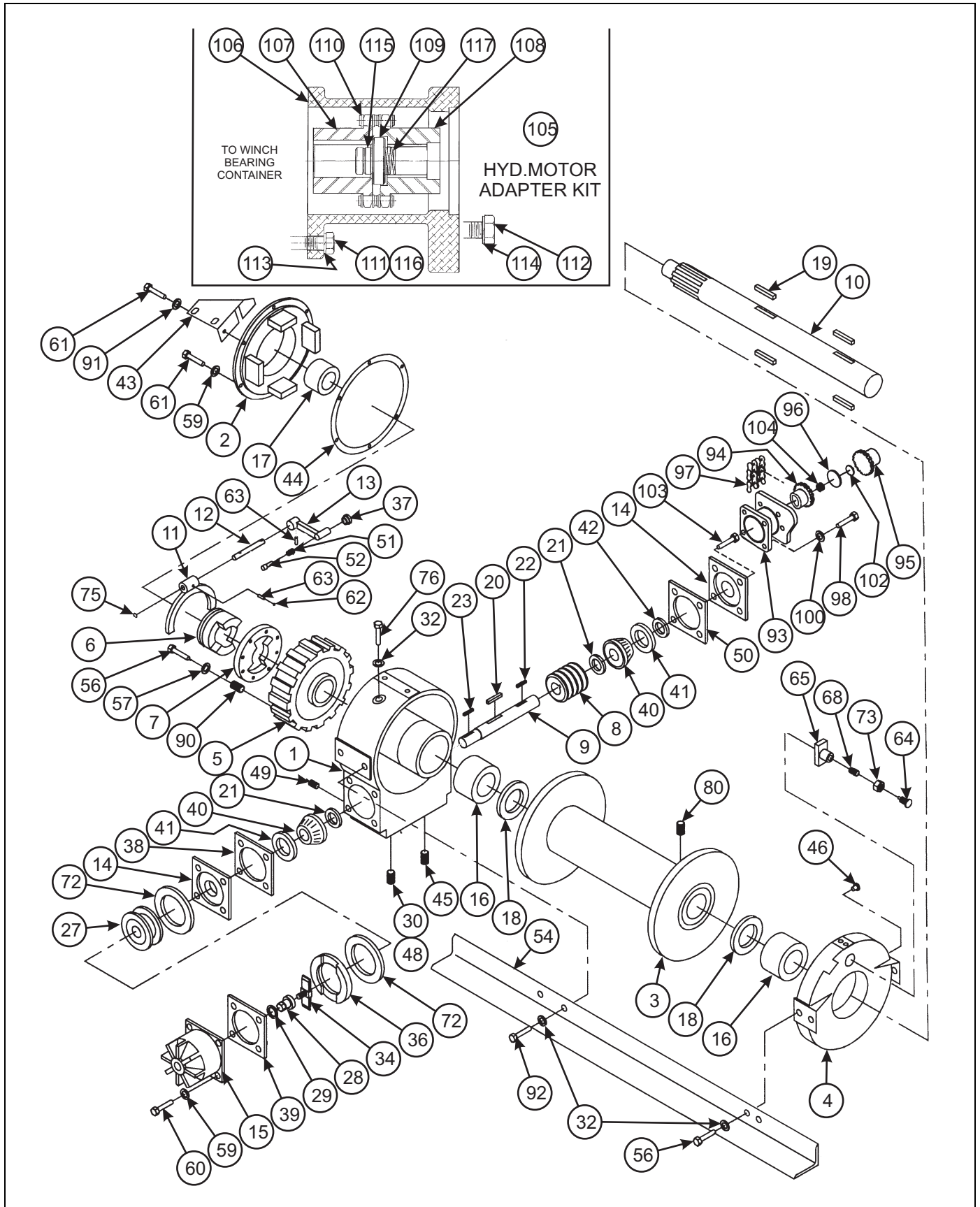


Figure 2-84: 20,000 Lb. Winch Assembly

20,000# WINCH ITEMS (BRADEN)

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
	3-873-010123		WINCH 20,000# W/BOLT-ON ANGLES	
1	81078	81078	WORM HOUSING ASSEMBLY	1
2	106956	81082	COVER ASSEMBLY WORM HOUSING	1
3	----	101142	DRUM CABLE	1
4	81077	81077	LEG ASSEMBLY BEARING	1
5	11434	11434	WORM, GEAR RIGHT	1
6	11421	11421	CLUTCH, SLIDING	1
7	11419	11419	DRIVE, CLUTCH	1
8	154166	11404	WORM RIGHT	1
9	----	11405	SHAFT, WORM	1
10	139479	11414	SHAFT, CABLE DRUM	1
11	11440	11440	FORK SHIFTER	1
12	11441	11441	SHAFT SHIFTER	1
13	26976	26976	HANDLE SHIFTER	1
14	124549	11427	CONTAINER BEARING	2
15	----	11445	COVER WORM BRAKE	1
16	18035	18035	BUSHING	2
17	11425	11425	BUSHING	1
18	11420	11420	RING, RETAINING	2
19	163472	22055	DRUM, KEY CABLE	4
20	11402	11402	KEY, WORM	1
21	11407	11407	SPACER, WORM	2
22	23367	23367	KEY, SPROCKET	1
23	10078	10078	KEY, ROTOR	1
27	81080	81080	ROTOR ASSEMBLY, BRAKE	1
28	11599	11599	ADJUSTING NUT, WORM BRAKE	1
29	12465	12465	O-RING	1
30	----	19014	PLUG, FILLER	1
32	----	11026	WASHER, LOCK	10
34	81081	81081	SPRING ASSEMBLY, SAFETY BRAKE	1
36	11431	11431	PLATE, PRESSURE	1
37	18022	18022	KNOB, SHIFTER	1
38	11429	11429	GASKET	4
39	11446	11446	GASKET	2
40	18033	18033	BEARING CONE	2
41	18034	18034	BEARING CUP	2
42	12073	12073	SEAL GREASE	1
43	12783	12783	BRACKET SHIFTER	1
44	11411	11411	COVER GASKET HOUSING	1
45	19045	19045	PLUG DRAIN	1
46	18047	18047	FITTING GREASE	1
48	----	22775	PLUG VENT	1
49	----	18009	PLUG LEVEL	1
50	11430	11430	GASKET	4
51	11310	11310	SPRING SHIFTER KNOB	1
52	11309	11309	STEM SHIFTER KNOB	1
54	----	28942	ANGLE FRONT BASE	1
55	----	28943	ANGLE REAR BASE (NOT SHOWN)	1

20,000# WINCH ITEMS (BRADEN)

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
56	----	13938	CAPSCREW	16
57	----	12781	WASHER, LOCK	8
58	----	21044	CAPSCREW	4
59	----	11025	WASHER, LOCK	3
60	----	22695	CAPSCREW	4
61	----	21964	CAPSCREW	6
62	12146	12146	PLUG, EXPANSION	A/R
63	13028	13028	ROLLPIN	A/R
64	11398	11398	SCREW, ADJUSTING	1
65	88005	88005	SHOE ASSEMBLY DRAG BRAKE	1
68	18002	18002	SHOE ASSEMBLY DRAG BRAKE	1
72	11426	11426	DISC, FRICTION	2
73	11791	11791	NUT, JAM	1
75	12767	12767	PLUG, EXPANSION	A/R
76	----	22729	CAPSCREW	2
77	----	23245	SAE PLATE-AMU7-16F (NOT SHOWN)	1
78	----	23310	PLATE, WARNING (NOT SHOWN)	1
79	----	11842	SCREW, DRIVE (NOT SHOWN)	4
80	139478	12228	SCREW, SET	1
90	----	11435	INSERT THREAD	8
91	----	11014	LOCKWASHER	1
92	----	22697	CAPSCREW (NOT SHOWN)	5
93	23144	23144	ADAPTER - MOTOR	1
94	23081	23081	COUPLING HALF-WINCH	1
95	110448	23142	COUPLING HALF-MOTOR	1
96	23078	23078	SPACER - CONSTANT	1
97	13424	13424	ROLLER, CHAIN	1
98	----	22704	CAPSCREW	4
99	----	13413	CAPSCREW (NOT SHOWN)	4
100	----	18003	LOCKWASHER	4
101	----	11026	LOCKWASHER (NOT SHOWN)	4
102	----	23183	SPACER - VARIABLE	2
103	----	22703	CAPSCREW	4
104	----	23353	SPRING - SPACER	1
105	61344	61344	HYD. MOTOR ADAPTER KIT, 20,000# WINCH (INCL ITEMS 106-117)	1
106	23144	23144	ADAPTER, MOTOR	1
107	23081	23081	COUPLING HALF, WINCH	1
108	110448	23142	COUPLING HALF, MOTOR	1
109	23078	23078	SPACER, CONSTANT	1
110	13424	13424	CHAIN ROLLER	1
111	----	----	CAPSCREW	4
112	----	----	CAPSCREW	4
113	----	27152	LOCKWASHER	4
114	----	11026	LOCKWASHER	4
115	110451	23183	SPACER	1
116	----	----	CAPSCREW	4
117	110452	23353	SPRING SPACER	1



Figure 2-85: Winch Motor Assembly

WINCH MOTOR ASSEMBLY

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
	3-481-010006		MOTOR, HYDRAULIC (FOR 12K WINCH)	
	3-481-010007		MOTOR, HYDRAULIC (FOR 20K WINCH)	
1	-----	2183	SEAL DUST	1
2	-----	2177	BACK-UP RING	1
3	-----	2175	SEAL LIP	1
4	-----	1644	ROTARY VALVE	1
5	-----	1021	CHECK VALVE BALL	2
6	-----	1004-6	IGR ASSEMBLY (FOR 20K WINCH)	1
	-----	1004-3	IGR ASSEMBLY (FOR 12K WINCH)	1
7	-----	1296	SNAP RING	1
8	1046	1046	SQUARE RING SEAL	3
9	-----	1019-4	PLUG VENT W/O-RING	1
10	-----	1014-4	BOLTS HEX (FOR 20K WINCH)	8
	-----	1114-5	BOLTS HEX (FOR 12K WINCH)	8
11	-----	1655	KEY WOODRUFF	1
12	-----	2265-6	SHAFT(FOR 20K WINCH)	1
	-----	2109-3	SHAFT(FOR 12K WINCH)	1
15	-----	M110AB-4	BODY/BEARING ASSEMBLY (FOR 20K WINCH)	1
	-----	PA-2328-2	BODY/BEARING ASSEMBLY (FOR 12K WINCH)	1
17	-----	M110C-1	COVER/BEARING ASSEMBLY	1
21	-----	2180	SNAP RING SHAFT	1
22	-----	1865	COMMUTATOR PLATE	1
	2263	2263	SEAL KIT BODY	1
	-----	2480	SEAL KIT BODY VITON	1

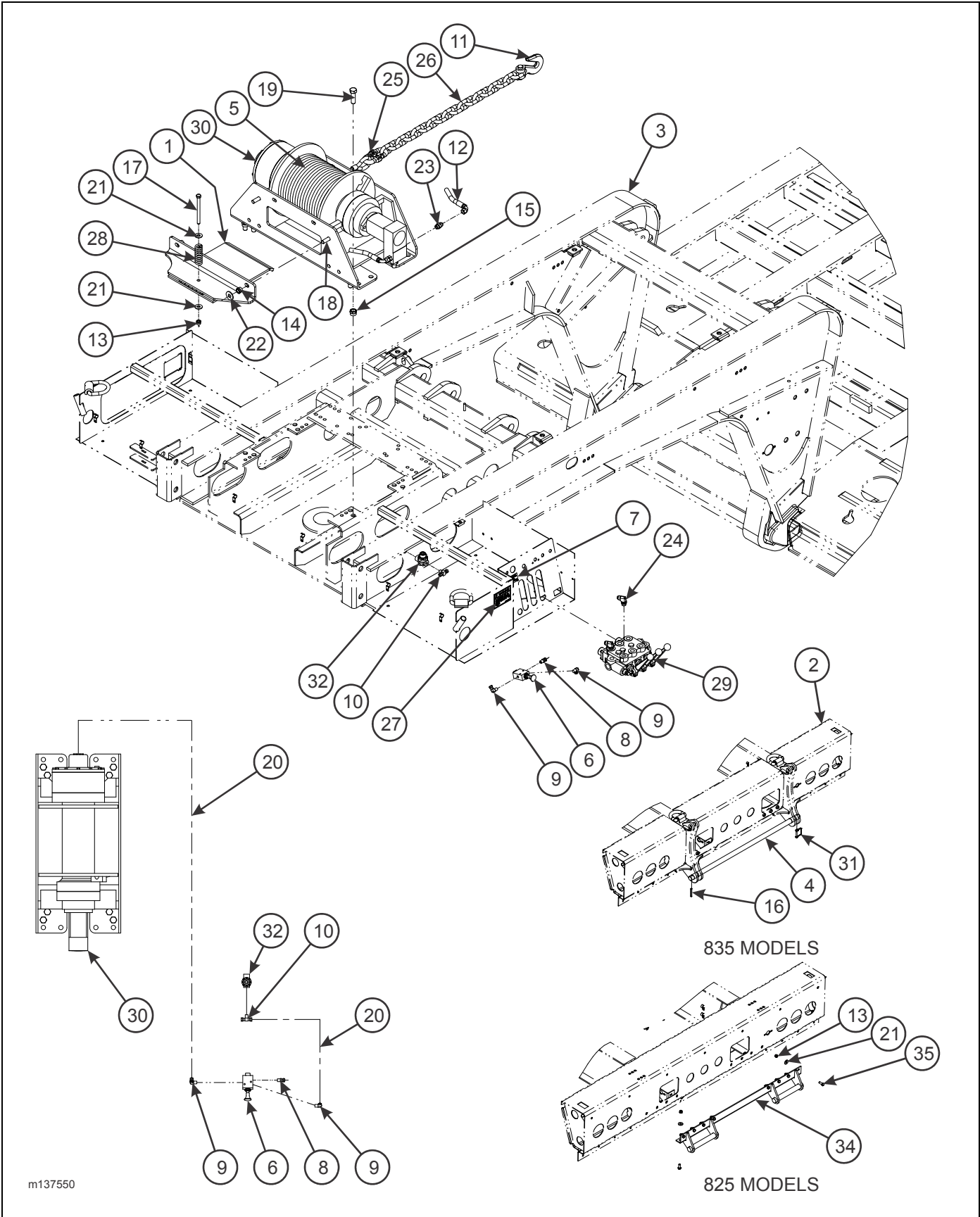


Figure 2-86: 30,000 Lb. Winch Installation (DP)

30,000 LB. WINCH INSTALLATION (DP)

ITEM	PART NO.	DESCRIPTION	QTY.
	137548	30K DP WINCH INSTALLATION	
	137550	30K DP WINCH INSTALLATION	
1	111641	WINCH TENSIONER WELDMENT	1
2	-----	FRAME WELDMENT	REF
3	-----	GOOSENECK WELDMENT	REF
4	130536	PIN, HOOK ANCHOR	1
5	132833	CABLE ASSEMBLY 5/8 X 85 FLEX	REF
6	134657	VALVE, AIR 3 WAY 2 POS	1
7	135184	DECAL, WINCH FREE SPOOL	1
8	1-297-010007-05	FITTING, AIR	1
9	1-297-010008-07	FITTING, AIR 90	2
10	1-297-010015-03	FITTING, AIR BR TEE	1
11	1-382-010035-06	HOOK, CLEVIS GRAB 5/8 GR80	1
12	1-397-010302050	HOSE ASSEMBLY, 1/2 X 50 (NOT SHOWN)	2
13	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	1
14	1-512-010005-13	NUT, HEX LOCK 5/8-11 GRB	2
15	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	8
16	1-647-010004259	ROLL PIN, SLOTTED 3/8 X 3	1
17	1-654-010055-17	SCREW, HEX HEAD CAP 1/2-13 X 6 GR5	1
18	1-654-010059-05	SCREW, HEX HEAD CAP 5/8-11 X 2 GR5	2
19	1-654-010061-07	SCREW, HEX HEAD CAP 3/4-10 X 2-1/2 GR5	8
20	1-833-010001	TUBING, NYLON 1/4	10
21	1-861-010032-15	WASHER, FLAT 1/2W	2
22	1-861-010032-19	WASHER, FLAT 5/8W	2
23	202702-8-8S	ADAPTER	2
24	2062-8-8S	ADAPTER 90	2
25	3-174-010059	CHAIN LINK, CONNECTING 5/8	1
26	3-174-010060036	CHAIN, 5/8 X 36 GR 80	1
27	3-573-010299	DECAL, WARNING WINCH CABLE	1
28	3-720-010010	SPRING, COMPRESSION	1
29	3-846-010159	VALVE ASSEMBLY, 3 SPOOL (SEE PAGE 2-27)	1
30	3-873-010173	WINCH, 30K PLANETARY UWD DP (SEE PAGE 2-147)	1
31	516-22PTL	PIN, MUD FLAP	1
32	905-54-107	BRAKE PROTECTION VALVE	REF
33	100600	DECAL, WARNING BRADEN WINCH	1
34	105195	ANCHOR WELDMENT	1
35	1-654-010055-02	SCREW, HEX HEAD CAP 1/2-13 X 1-1/4 GR5	12

ILLUSTRATED PARTS LIST

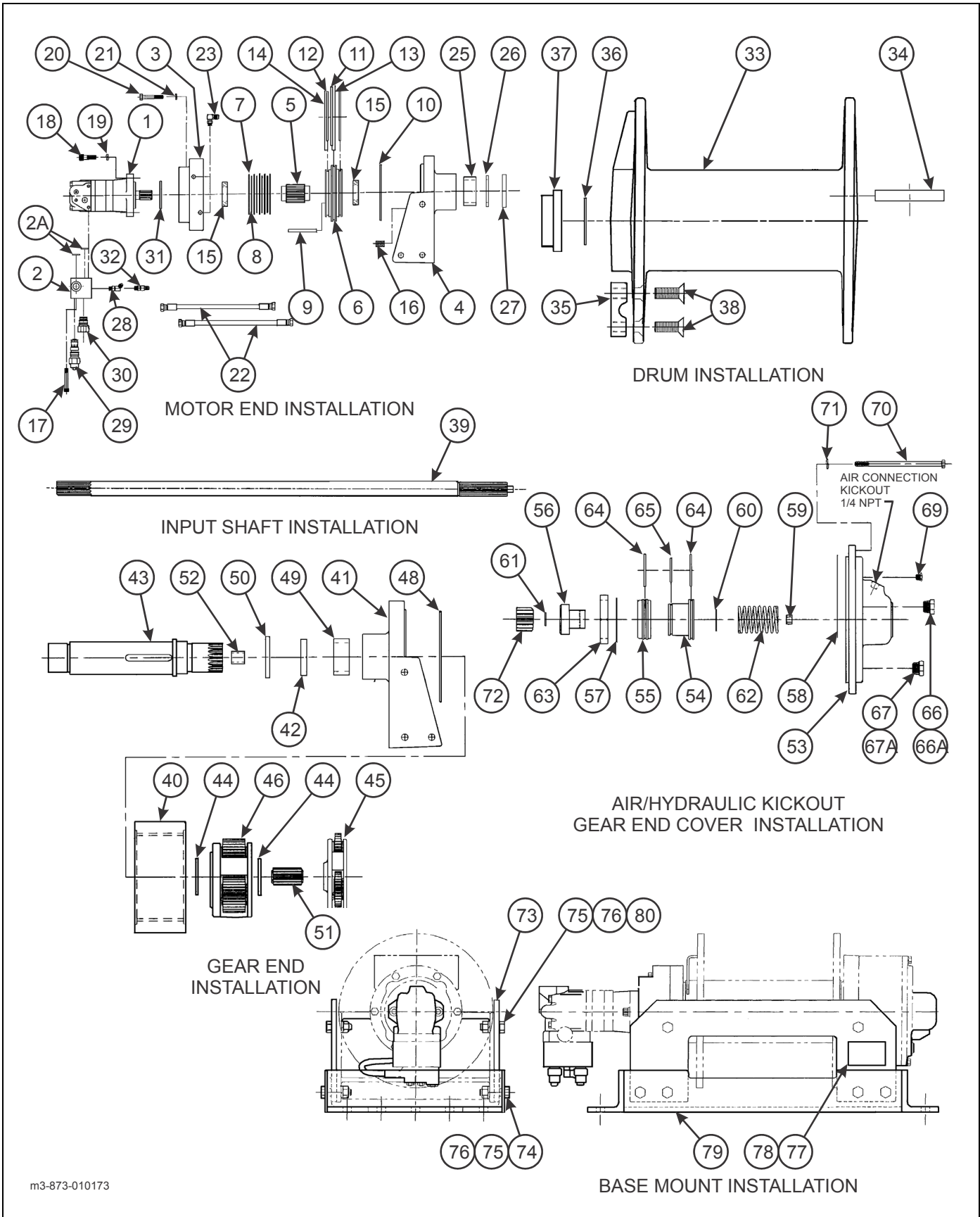


Figure 2-87: 30,000 Lb. Winch Items (DP)

30,000# WINCH ITEMS (DP)

ITEM	PART NO.	REFERENCENO.	DESCRIPTION	QTY.
	3-873-010173		WINCH 30K ITEMS	
			MOTOR END INSTALLATION	
1	----	73076	MOTOR, HYDRAULIC	1
2	137888	11604	VALVE, COUNTERBALANCE	1
2A	----	9817	O-RING, 13/16 I.D. X 3/32 SECTION	2
3	----	11535	BRAKE HOUSING	1
4	----	13299	SUPPORT MOTOR END	1
5	----	11750	SHAFT BRAKE	1
6	----	11443	PISTON BRAKE	1
7	----	11603	PLATE DISC FRICTION	10
8	----	3159	PLATE DRIVE BRAKE	9
9	----	3263	PIN DOWEL 5/16 DIA. X 3-1/2	2
10	137993	9844	O-RING, 7 O.D. X 6-3/4 I.D.	1
11	137994	9853	O-RING, 6-1/2 I.D. X 3/16 SECTION	1
12	137421	9851	O-RING, 5-3/8 I.D. X 5-3/4 O.D. X 3/16	2
13	----	9854	RING, BACK-UP	1
14	137422	9852	RING, BACK-UP 5-3/8 I.D.	1
15	----	81434	BEARING BALL 1-3/4 I.D.	2
16	----	2319	SPRING COMPRESSION	12
17	----	1345	CAP SCREW, SOCKET HEAD 3/8-16 X 2-1/2	2
18	----	1143	CAP SCREW, SOCKET HEAD 1/2-13 X 1-1/2	2
19	----	1144	WASHER, LOCK HI COLLAR 1/2	6
20	----	1376	CAP SCREW, HEX HEAD 7/16 X 2-1/2	6
21	----	1388	WASHER, LOCK 7/16	4
22	----	75038	HOSE 1/4R1 X 12"	1
23	----	76017	ADAPTER 90	1
24	----	10708	TAG WARNING (NOT SHOWN)	1
25	----	81454	BEARING -TORRINGTON	1
26	----	13288	WASHER THRUST BRONZE	1
27	137880	9890	SEAL SHAFT	1
28	137641	76029	ADAPTER 45	
29	137883	3177	CARTRIDGE COUNTERBALANCE	1
30	137884	70035	PLUG ASSEMBLY - VALVE COUNTERBALANCE	2
31	137882	9880	O-RING 3 ID X 1/8 SECTION	1
32	----	76027	ADAPTER STRAIGHT	
	137885	9400	DISC PLATE KIT (INCL ITEMS 7-8 & 16)	
	137886	9406	SEAL KIT (INCL ITEMS 10-14)	
			DRUM INSTALLATION	
33	----	13285	DRUM	1
34	----	13293	KEY DRUM	2
35	137569	12518	CLIP CABLE THREADED	1
36	----	9602	O-RING 2-5/8 ID X 1/8 W	1
37	----	13286	SPACER	1
38	137570	1587	CAP SCREW, FLAT SKT HEAD 5/8-11 X 1-3/4	
			INPUT SHAFT INSTALLATION	
39	----	13317	SHAFT INPUT	1
			GEAR END INSTALLATION	
40	----	3126	GEAR RING	1

30,000# WINCH ITEMS (DP)

ITEM	PART NO.	REFERENCENO.	DESCRIPTION	QTY.
41	----	13300	SUPPORT GEAR END	1
42	----	13288	WASHER THRUST	1
43	----	13301	SHAFT OUTPUT	1
44	----	13164	WASHER THRUST NYLON 3-1/2 OD X 3/16	2
45	----	12486	CARRIER ASSEMBLY PRIMARY	1
46	----	12516	CARRIER ASSEMBLY SECONDARY	1
47	----	10848	LABEL WARNING (NOT SHOWN)	1
48	137879	9695	O-RING 8-3/4 I.D. X 1/8 SECTION	1
49	----	81454	BEARING	1
50	137880	9890	SEAL SHAFT	1
51	----	13306	GEAR SUN	1
52	----	81608	BUSHING ID 1-1/4 OD X 1 LG	1
AIR/HYD. KICKOUT GEAR END COVER INSTALLATION				
53	----	13675	COVER GEAR END	1
54	----	13295	PISTON AKO B/C/D	1
55	----	13296	CYLINDER PISTON	1
56	----	13297	COUPLING DRIVE	1
57	----	3632	RING RETAINING RD SEC 3 O.D. X .10 SEC	1
58	137879	9695	O-RING 8-3/4 I.D. X 1/8 SECTION	1
59	----	81612	BUSHING BRONZE 3/8 I.D. X 3/8 L	1
60	----	3303	RING RETAINING 1-1/4	1
61	----	3321	RING RETAINING RD SEC .805 I.D.	1
62	----	2309	SPRING COMPRESSION	1
63	----	13288	WASHER THRUST BRONZE 3.81 X .406 W	1
64	137881	9672	O-RING 2-5/8 I.D. X 1/8 SECTION	2
65	----	9704	O-RING 2-1/8 I.D. X 2-3/8 O.D.	1
66	105967	76344	PLUG SKT HD O-RING #10 7/8 - 14	1
66A	----	9992	O-RING .755 I.D. X .097 W 3-910	1
67	105954	76343	PLUG SKT HD O-RING MAG #10	1
67A	----	9992	O-RING .755 I.D. X .097 W 3-910	1
68	----	1157	CAPLUG #4 RED (NOT SHOWN)	1
69	105953	3059	RELIEF VENT	1
70	----	1317	SCREW CAP HEX HEAD 3/8 X 16 X 5-1/2	12
71	----	1395	WASHER LOCK 3/8	12
72	----	13235	GEAR SUN AKO	1
BASE MOUNT INSTALLATION				
73	----	14068	BASE MOUNT CUSTOM - B SERIES - A LENGTH	2
74	----	1506	SCREW CAP HEX HEAD 5/8-11 X 2-1/2 GR5	12
75	----	1590	NUT HEX 5/8 - 11 GR2	12
76	----	1595	WASHER LOCK 5/8 MEDIUM PLAIN	12
77	----	1165	RIVET DRIVE U TYPE #2 X 1/4 LONG	4
78	----	10466	PLATE INFORMATION	1
79	----	14073	BASE SUPPORT	
80	----	1504	CAP SCREW, HEX HEAD 5/8-11 X 2 GR5	

NOTE: WHEN ORDERING WINCH PARTS, CUSTOMER MUST GIVE SERIAL NO. FOR WINCH. SERIAL NO. IS LOCATED ON SERIAL NO. TAG ON WINCH BASE AND STAMPED INTO TOP OF MOTOR END SUPPORT.

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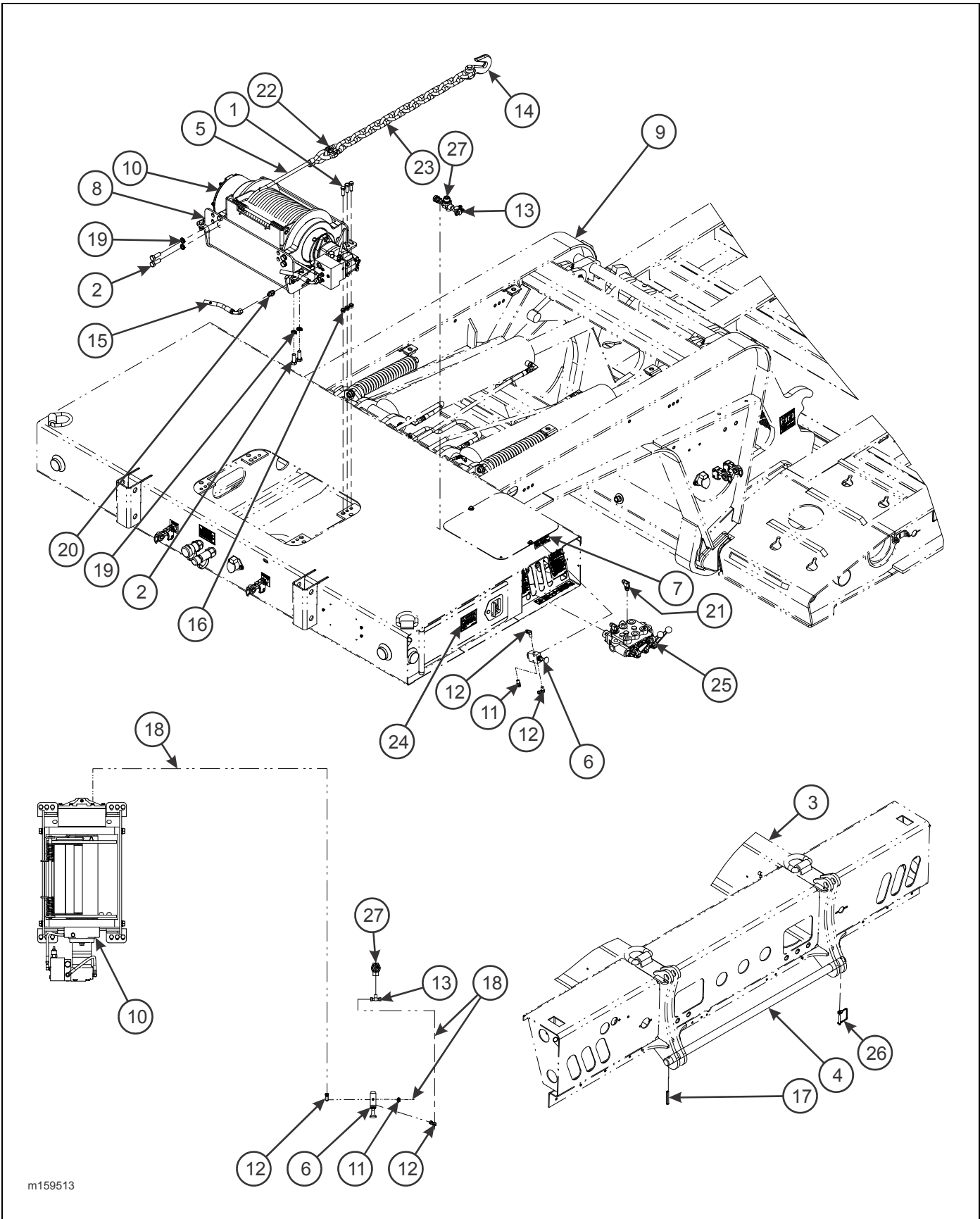


Figure 2-88: 30,000 Lb. Winch Installation (Warn)

30,000 LB. WINCH INSTALLATION (WARN)

ITEM	PART NO.	DESCRIPTION	QTY.
	159513	WINCH INSTALLATION, 30K	
1	108439	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR8	12
2	109740	SCREW, HEX HEAD CAP 5/8-11 X 1-3/4 GR8	16
3	-----	FRAME WELDMENT	REF
4	130536	PIN, HOOK ANCHOR	1
5	132833	CABLE ASSEMBLY 5/8 X 85 FLEX	REF
6	134657	VALVE, AIR 3 WAY 2 POS	1
7	135184	DECAL, WINCH FREE SPOOL	1
8	151817	MOUNT WELDMENT, WINCH WARN	1
9	-----	GOOSENECK WELDMENT	REF
10	155410	WINCH, 30K WARN AR KO (SEE PAGE 2-153)	1
11	1-297-010007-05	FITTING, AIR	1
12	1-297-010008-07	FITTING, AIR 90	2
13	1-297-010015-03	FITTING, AIR BR TEE	1
14	1-382-010035-06	HOOK, CLEVIS GRAB 5/8 GR80	1
15	1-397-010302050	HOSE ASSEMBLY, 1/2 X 50	2
16	1-512-010002-09	NUT, HEX LOCK 1/2-13 GRC	12
17	1-647-010004259	ROLL PIN, SLOTTED 3/8 X 3	1
18	1-833-010001	TUBING, NYLON 1/4 OD	AR
19	1-861-010034-15	WASHER, SPLIT LOCK 5/8	16
20	202702-10-8S	ADAPTER	2
21	2062-8-8S	ADAPTER, 90	2
22	3-174-010059	CHAIN LINK, CONNECTING 5/8	1
23	3-174-010060036	CHAIN, 5/8 X 36 GR 80	1
24	3-573-010299	DECAL, WARNING WINCH CABLE	1
25	3-846-010159	VALVE ASSEMBLY, 3 SPOOL (SEE PAGE 2-27)	1
26	516-22PTL	PIN, MUD FLAP	1
27	905-54-107	BRAKE PROTECTION VALVE	REF

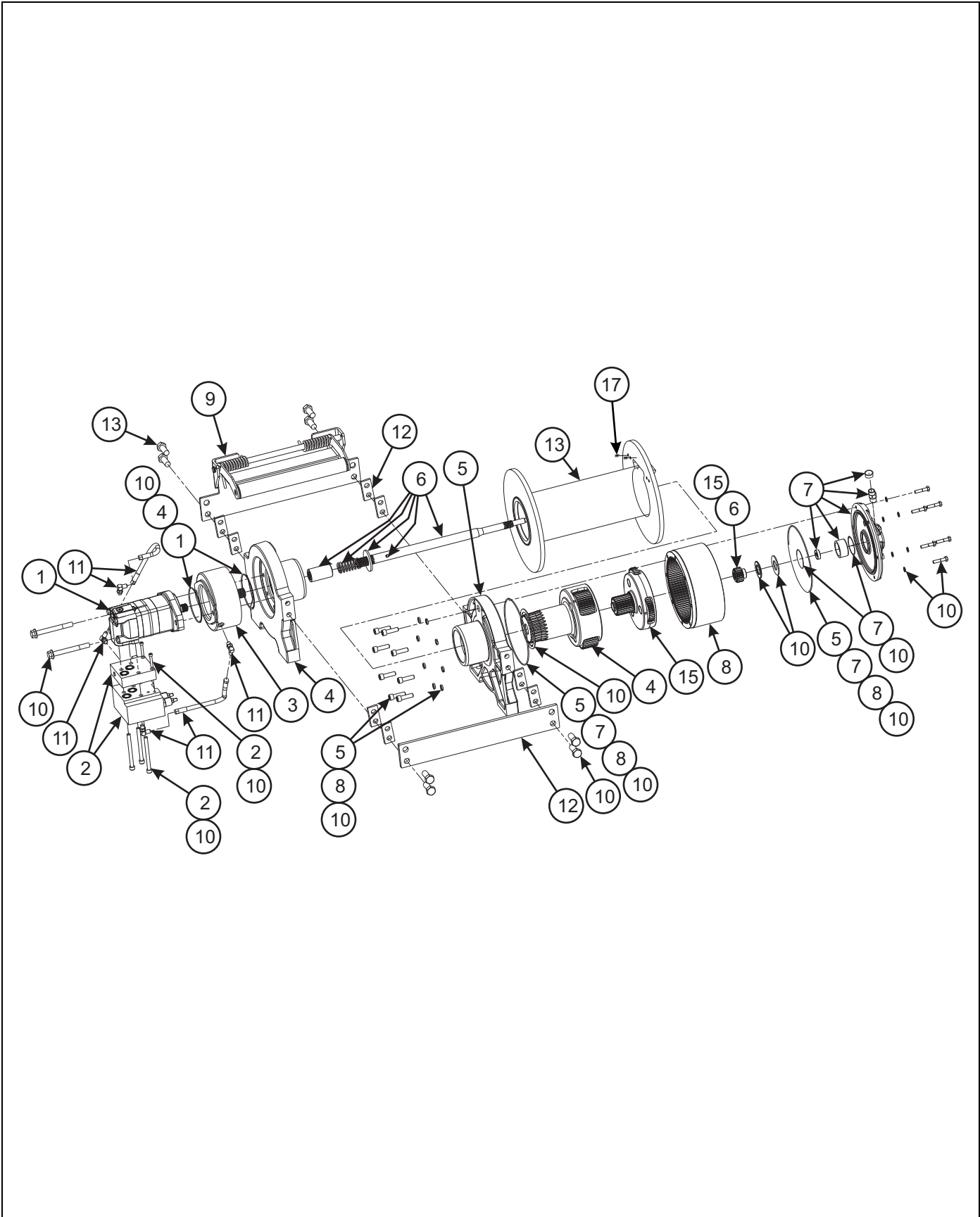


Figure 2-89: 30,000 Lb. Winch Items (Warn)

30,000 LB. WINCH ITEMS (WARN)

ITEM	PART NO.	DESCRIPTION	QTY.
	155410	WINCH, 30K WARN AIR KICKOUT	
1	162940	SERVICE KIT - MOTOR HYD 14.9CI	1
2	161590	SERVICE KIT - MANIFOLD HYD	1
3	162207	SERVICE KIT - BRAKE ASSEMBLY	1
4	162209	SERVICE KIT - DRUM SUPPORT, MOTOR END	1
5	162210	SERVICE KIT - DRUM SUPPORT, GEAR END	1
6	162211	SERVICE KIT - DRIVE SHAFT, LONG	1
7	162941	SERVICE KIT - END HSG ASSY AIR	1
8	162215	SERVICE KIT - RING GEAR	1
9	162216	SERVICE KIT - TENSIONER LONG	1
10	162217	SERVICE KIT - HARDWARE SEAL	1
11	162218	SERVICE KIT - HOSE HYD	1
12	162219	SERVICE KIT - TIE PLATE LONG	1
13	162942	SERVICE KIT - DRUM ASSEMBLY 30K LONG	1
14	162943	SERVICE KIT - CARRIER, STAGE 2 6.0-6.0	1
15	162944	SERVICE KIT - CARRIER, STAGE 1 6.0-6.0	1
16	162945	WIRE ROPE ASSEMBLY 5/8 EIPS X 245 FT (NOT SHOWN)	1
17	201650	SET SCREW	2

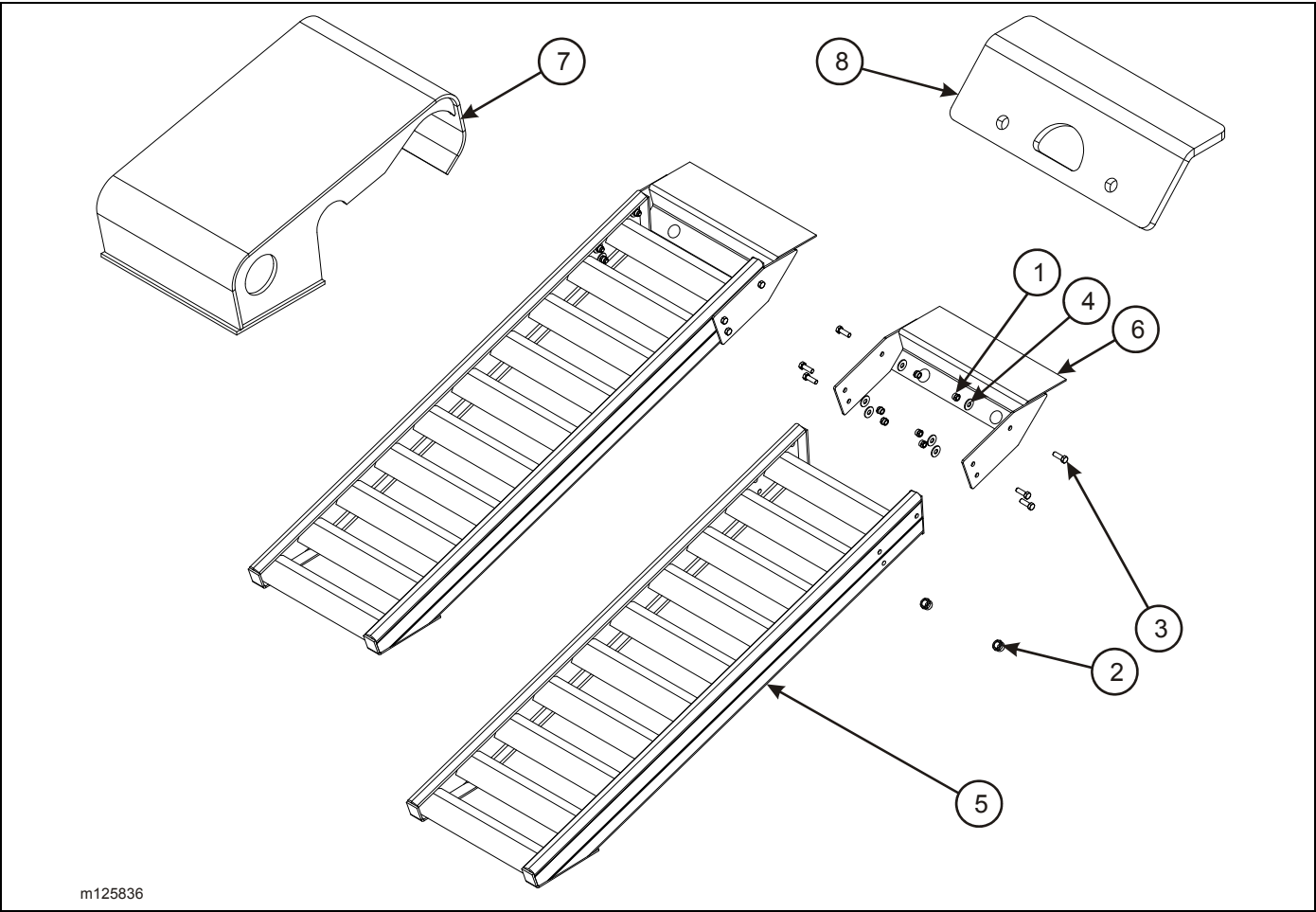
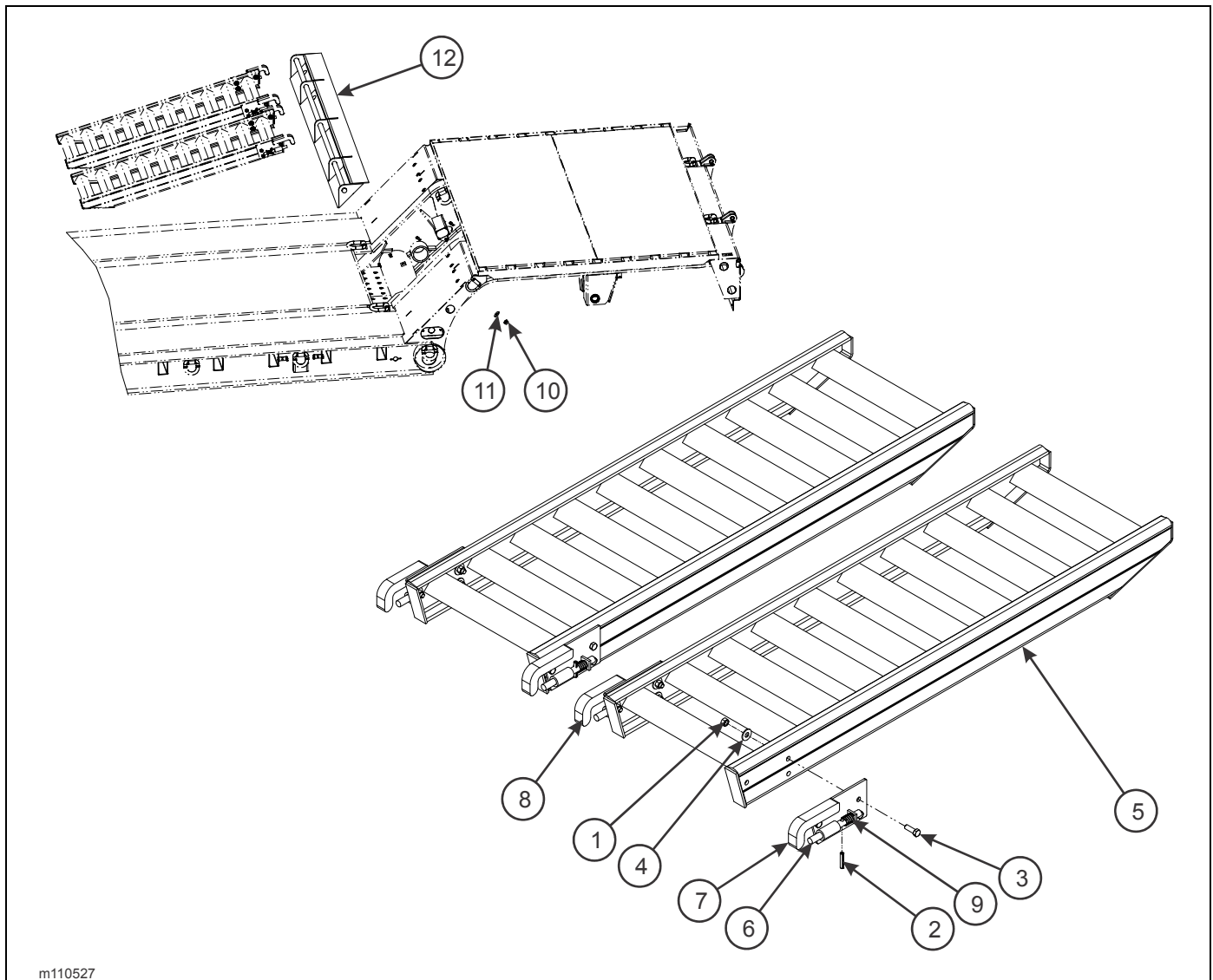


Figure 2-90: Aluminum Trunnion Ramp Assembly (Option)

ALUMINUM TRUNNION RAMP ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	125836	RAMP ASSEMBLY 70", TRUNNION	
1	1-512-010005-09	NUT, HEX LOCK 1/2-13 X GRB	12
2	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	4
3	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	12
4	1-861-010032-15	WASHER, FLAT 1/2W	12
5	110526	RAMP WELDMENT, 5.5 ALUM	2
6	125833	ANCHOR WELDMENT, RAMP SLOPE (110749)	2
7	129879	RAMP WELDMENT, TRACK ASSIST	2
8	135777	RAMP MOUNT, ADAPTER WELDMENT	2



m110527

Figure 2-91: Aluminum Beavertail Ramp Assembly (Option)

ALUMINUM BEAVERTAIL RAMP ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	110527	RAMP ASSEMBLY 5.5 FT ALUM	
	148786	BRACKET, TRUNNION SLOPE BEAVERTAIL RAMP	
1	1-512-010007-09	NUT, HEX 1/2-13	12
2	1-647-010004255	PIN, SPRING, SLOTTED 2 X 3/8	4
3	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	12
4	1-861-010032-15	WASHER, FLAT 1/2W	12
5	110526	RAMP WELDMENT, 5.5 ALUMINUM	2
6	3-557-010116	LOCK PIN RAMPS	4
7	3-619-010065	LT HOOK WELDMENT	2
8	3-619-010066	RT HOOK WELDMENT	2
9	CO-975-74-2000	SPRING COMPRESSION	4
10	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	4
11	1-861-010032-21	WASHER, FLAT 3/4W	4
12	148787	BRACKET WELDMENT, HOOK RAMP	1

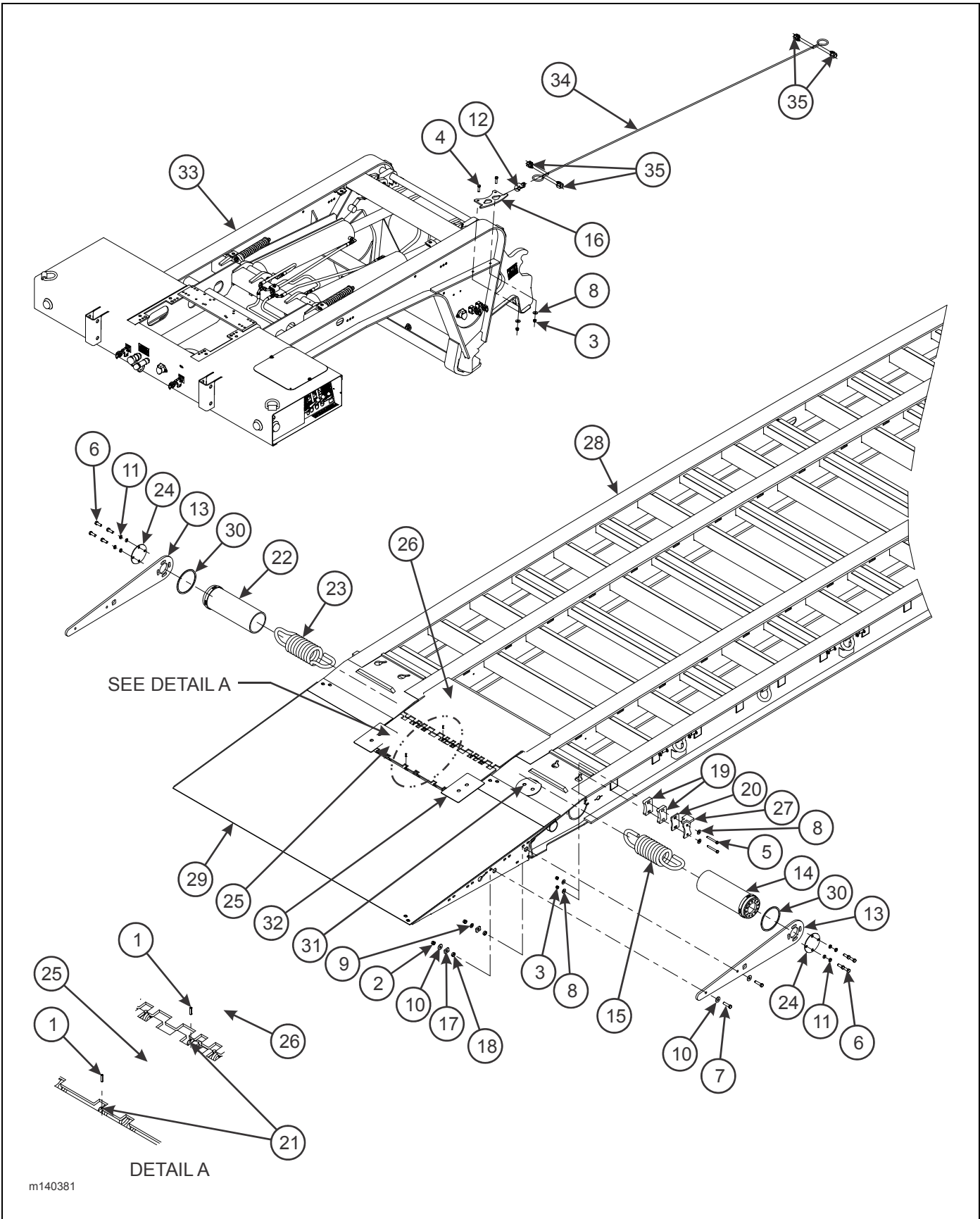
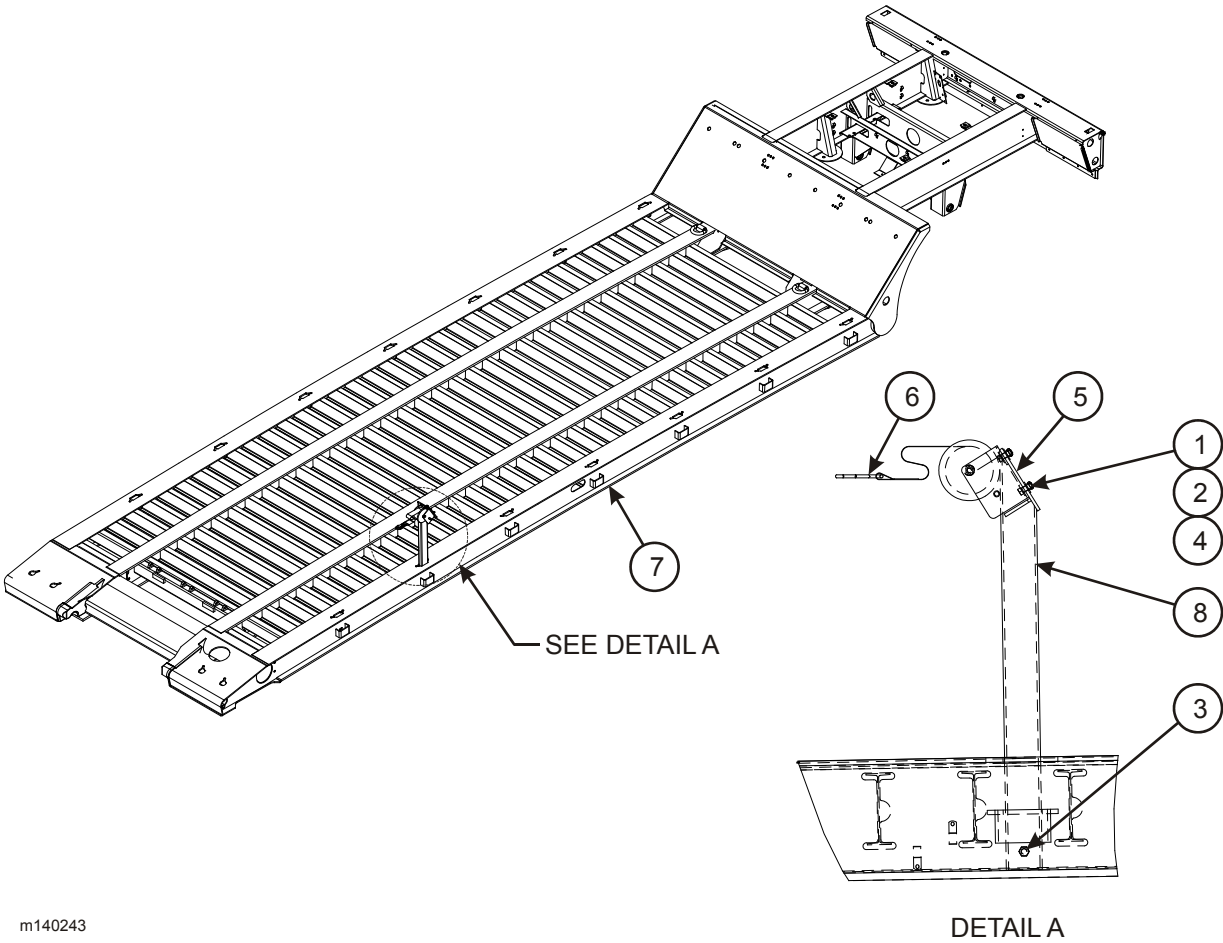


Figure 2-92: Front Fold Ramp Installation (Option)

FRONT FOLD RAMP INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	140381	FRONT FOLD RAMP INSTALLATION	
1	0600-250-01000	ROLL PIN, SLOTTED 1/4 X 1	12
2	1-512-010002-14	NUT, HEX LOCK 5/8-18 GRC	4
3	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	6
4	1-654-010055-04	SCREW, HEX HEAD CAP 1/2-13 X 1-3/4 GR5	2
5	1-654-010055-13	SCREW, HEX HEAD CAP 1/2-13 X 4 GR5	4
6	1-654-010059-04	SCREW, HEX HEAD CAP 7/8-11 X 1-3/4 GR5	8
7	1-654-010059-07	SCREW, HEX HEAD CAP 7/8-11 X 2-1/2 GR5	4
8	1-861-010032-15	WASHER, FLAT 1/2W	10
9	1-861-010032-18	WASHER, FLAT 5/8N	2
10	1-861-010032-19	WASHER, FLAT 5/8W	6
11	1-861-010034-15	WASHER, SPLIT LOCK 5/8	8
12	113479	HOOK, 3/8 CLEVIS SLIP	1
13	139413	PIVOT ARM, RAMP	2
14	139414	PIVOT ARM WELDMENT, RAMP	1
15	139619	SPRING, TORSION, RAMP LH	1
16	139628	ANCHOR CABLE, G/N	1
17	139630	BUSHING, RAMP ARM	4
18	139631	WASHER, RAMP ARM	4
19	139822	SPACER STOP, PIVOT RAMP	4
20	139823	STOP, PIVOT RAMP	2
21	139826	PIN, RAMP FLIPPER	6
22	139829	PIVOT ARM WELDMENT, RAMP	1
23	139830	SPRING, TORSION RAMP RH	1
24	139833	COVER, PIVOT ARM RAMP	2
25	140275	RAMP, CENTER FLIP WELDMENT	1
26	140278	RAMP, REAR FLIP WELDMENT	1
27	140281	STOP WELDMENT, ARM RAMP	2
28	140380	FRAME MOD W/ FULL RAMP	REF
29	140382	RAMP WELDMENT, FRONT FULL WIDTH	1
30	140391	SHIM, 3/16 X 8 OD X 7-1/4 ID	2
31	140927	FILLER WELDMENT APPROACH	1
32	140929	FILLER WELDMENT RAMP FLIPPER	2
33	146909	GOOSENECK WELDMENT	REF
34	3/8CABLE	CABLE, 3/8 WIRE ROPE	12'
35	3/8 WR CLAMP	CLIP, 3/8 WIRE ROPE CLAMP	4



m140243

Figure 2-93: Ramp Lift Assembly (Option)

RAMP LIFT ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	140243	RAMP LIFT ASSEMBLY (OPTION)	
1	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	3
2	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	3
3	1-654-010055-02	SCREW, HEX HEAD CAP 1/2-13 X 1-1/4 GR5	1
4	1-861-010032-11	WASHER, FLAT 3/8W	6
5	130054	WINCH, HAND	1
6	130055	STRAP, 2" X 25' W/ HOOK	1
7	-----	FRAME WELDMENT	REF
8	140242	LIFT RAMP WELDMENT	1

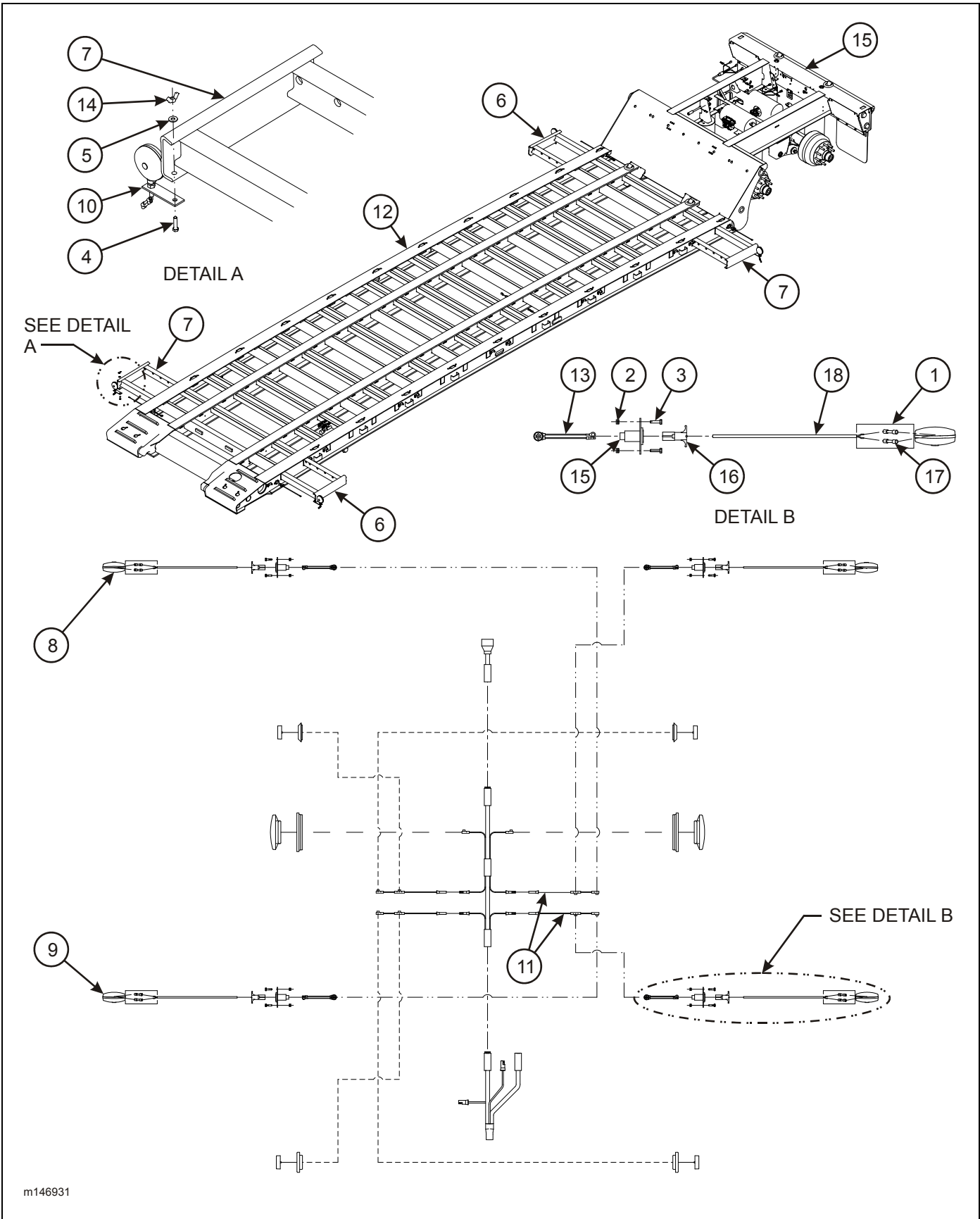


Figure 2-94: Pullout Extension Mounted Light Package (Option)

PULLOUT EXTENSION MOUNTED LIGHT PACKAGE (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	146931	PULLOUT EXTENSION MNTD LIGHT PACKAGE (OPTION)	
1	0013007	TUBING, HEAT SHRINK	AR
2	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	8
3	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	8
4	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	4
5	1-861-010032-11	WASHER, FLAT 3/8W	8
6	112598	PULL-OUT ASSEMBLY, RH	REF
7	112599	PULL-OUT ASSEMBLY, LH	REF
8	129893	LAMP, YELLOW TURN SIGNAL STUD MOUNT	2
9	129894	LAMP, RED TURN SIGNAL STUD MOUNT	2
10	129895	BRACKET, LAMP MOUNTING PULLOUT EXT	4
11	143106	HARNESS, MARKER FRONT BED GROTE	2
12	-----	FRAME WELDMENT	REF
13	147687	PIGTAIL MAKER	4
14	155628	NUT, WING 3/8-16	4
15	3-272-010003	4 POLE ELECTRICAL, FEMALE CONNECTOR	4
16	3-272-010010	CONNECTOR ELECT 4 POLE MALE	4
17	3-272-010021	ELECT BUTT SPLICE 16/14 W/ SEAL	8
18	W214S-1	CABLE, 2 WIRE 14AWG PVC JACKET	AR

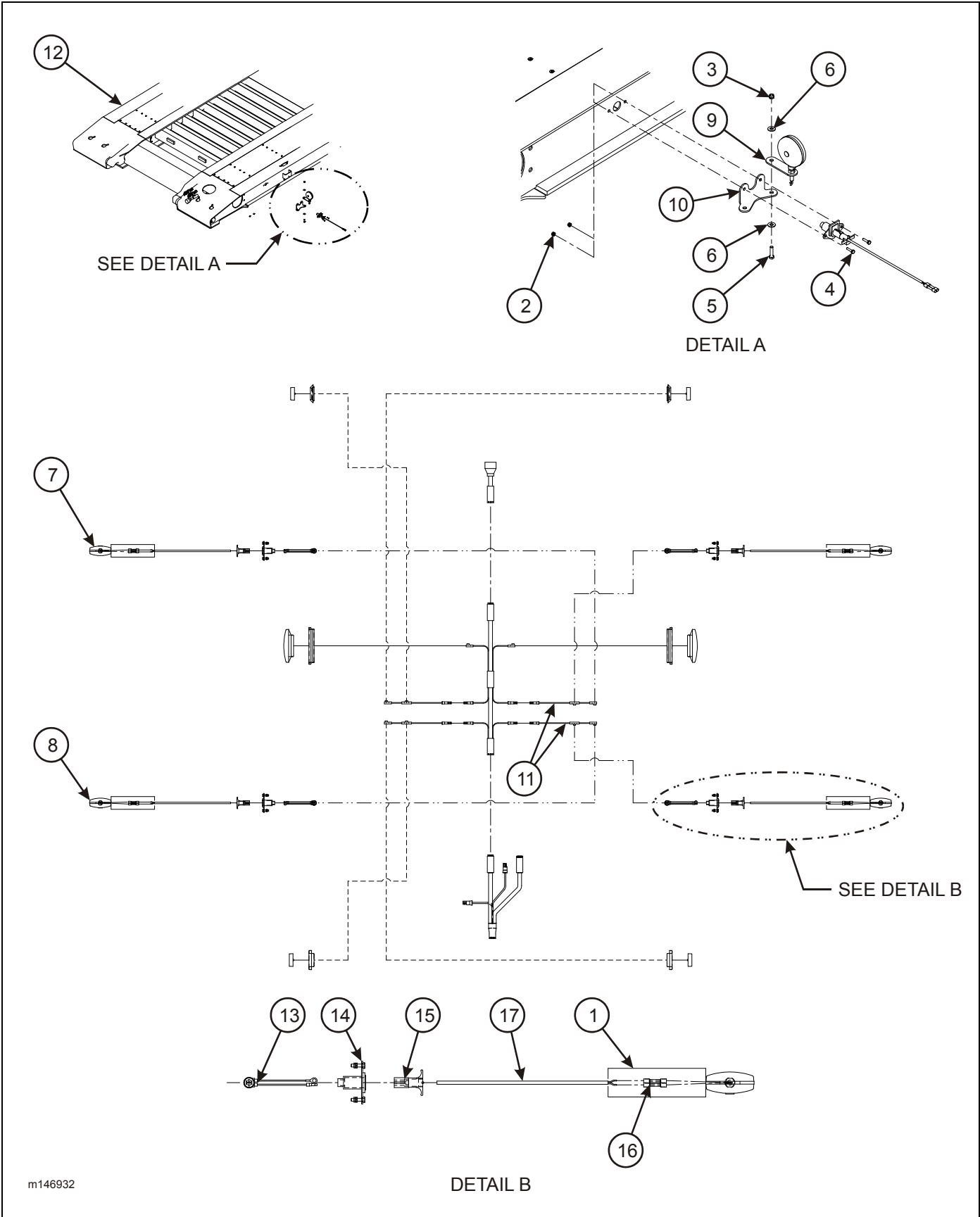


Figure 2-95: Web Mounted Four Corner Light Package (Option)

WEB MOUNTED FOUR CORNER LIGHT PACKAGE (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	146932	WEB MOUNTED FOUR CORNER LIGHT PACKAGE (OPTION)	
1	0013007	TUBING, HEAT SHRINK	1
2	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	8
3	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	4
4	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	8
5	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	4
6	1-861-010032-11	WASHER, FLAT 3/8W	8
7	129893	LAMP, YELLOW TURN SIGNAL STUD MOUNT	2
8	129894	LAMP, RED TURN SIGNAL STUD MOUNT	2
9	139132	BRACKET, LAMP MOUNTING SWING	4
10	139133	BRACKET, LAMP MOUNTING STATIONARY	4
11	143106	HARNESS, MARKER FRONT BED GROTE	2
12	-----	FRAME WELDMENT	REF
13	147687	PIGTAIL MARKER	4
14	3-272-010003	4 POLE ELECTRICAL FEMALE CONNECTOR	4
15	3-272-010010	CONNECTOR, ELECT 4 POLE MALE	4
16	3-272-010021	ELECT BUTT SPLICE 16/14 W/ SEAL	8
17	W214S-1	CABLE, 2 WIRE 14AWG PVC JACKET	AR

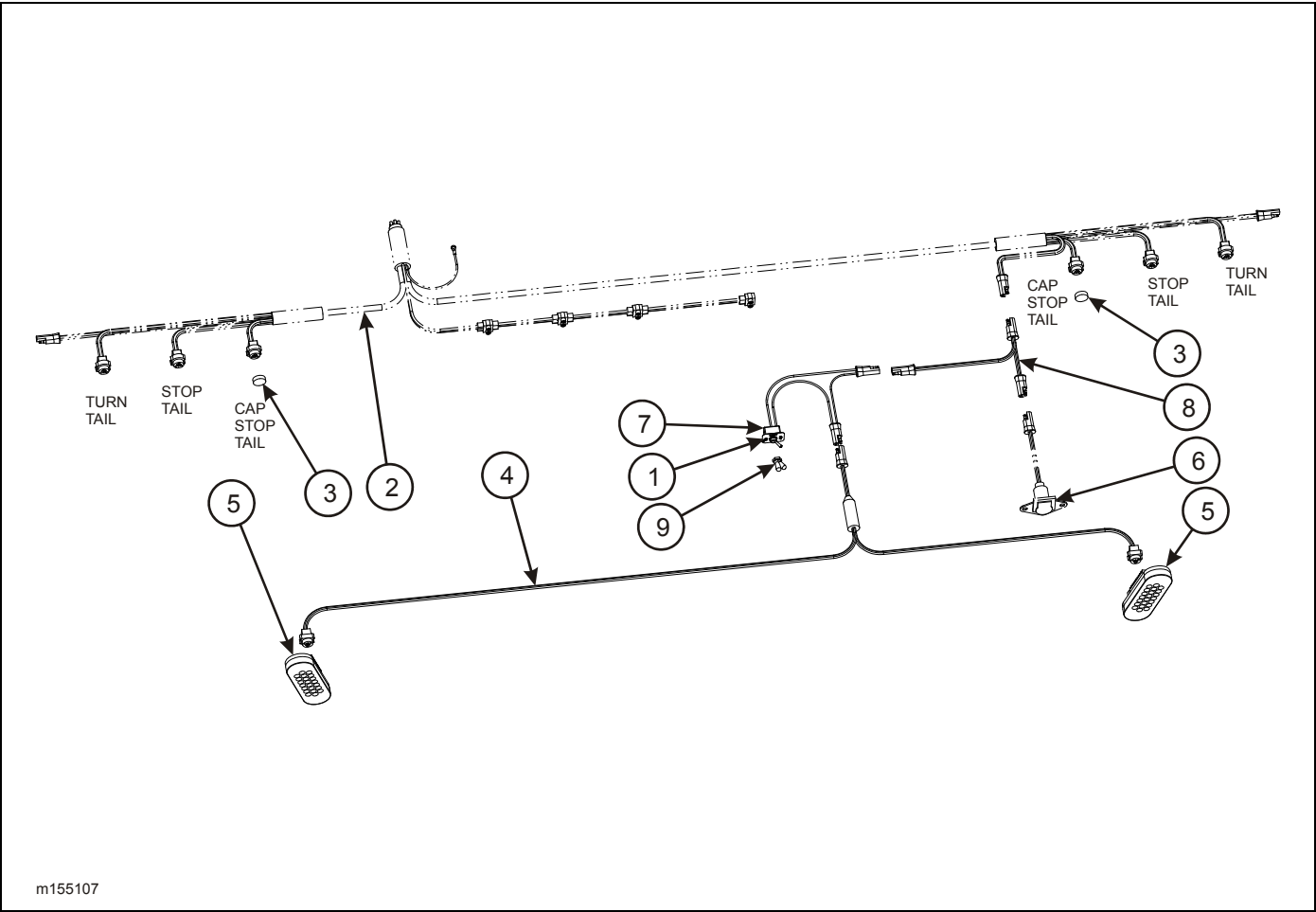


Figure 2-96: Bumper Strobe Light (Option)

BUMPER STROBE LIGHT (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	155107	BUMPER STROBE LIGHT	
1	130116	DECAL, ON/OFF LIGHT	1
2	143104	HARNESS, REAR LED	REF
3	144608	DUMMY PLUG FOR FEMALE PLUG	2
4	150114	HARNESS, BUMPER STROBE	1
5	150115	LIGHT, YELLOW STROBE OVAL	2
6	150116	HARNESS/RECEPTACLE ASSEMBLY	REF
7	150117	TOGGLE SWITCH SEALED SPST	1
8	150118	HARNESS, JUMPER BRANCH	1
9	81264	RUBBER BOOT FOR ELECT SWITCH	1

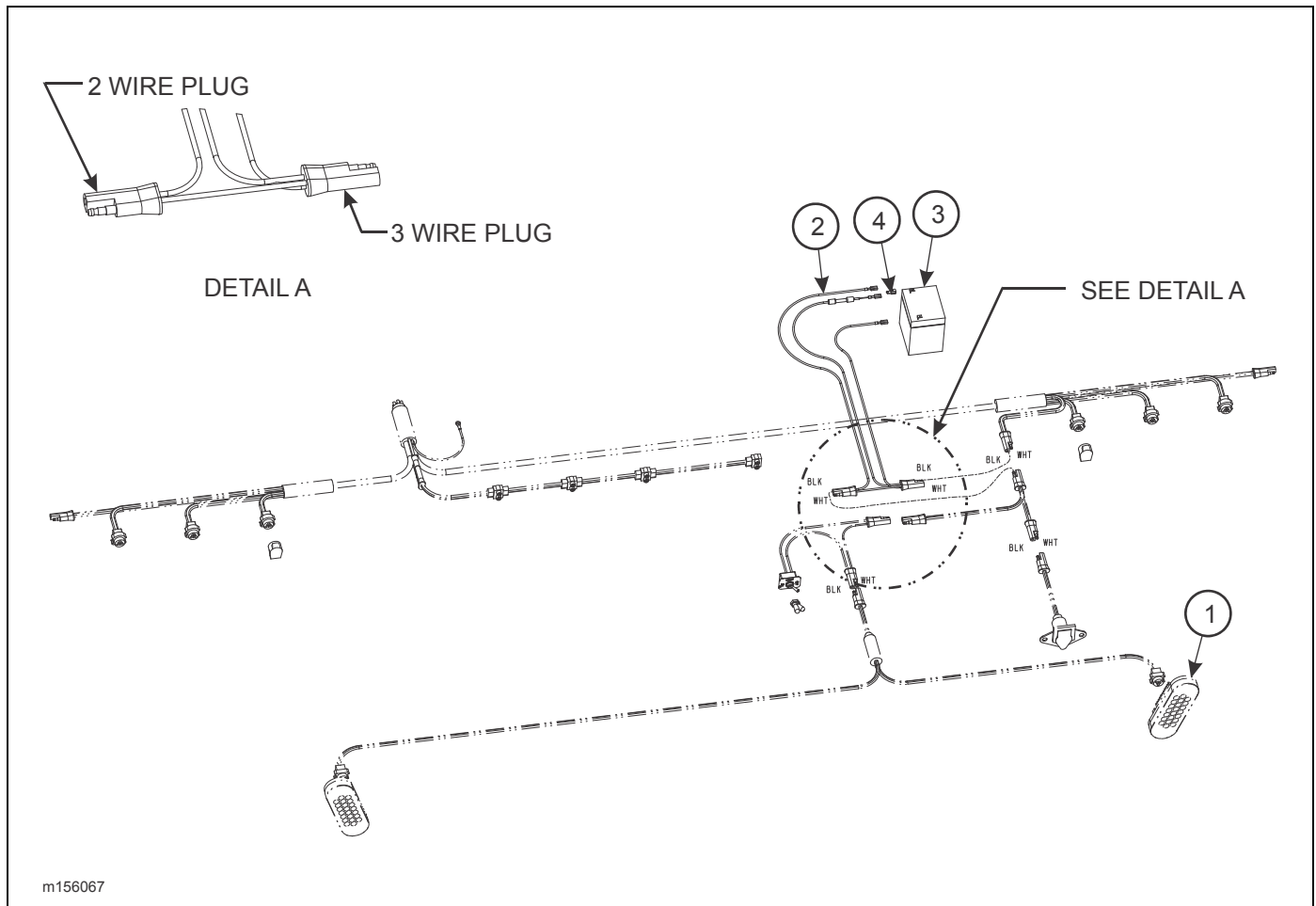


Figure 2-97: Battery Backup Bumper Strobe Light (Option)

BATTERY BACKUP BUMPER STROBE LIGHT (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	156067	BATTERY BACKUP BUMPER STROBE LIGHT (OPTION)	
1	155107	BUMPER STROBE LIGHT (SEE PAGE 2-164)	REF
2	156069	HARNESS ASSEMBLY, JUMPER TRIC CHG	1
3	3-128-010032	BATTERY BRAKE-AWAY	1
4	3-272-010157	ELECT ADAPTER CHAIR 1/4 PUSH ON	1

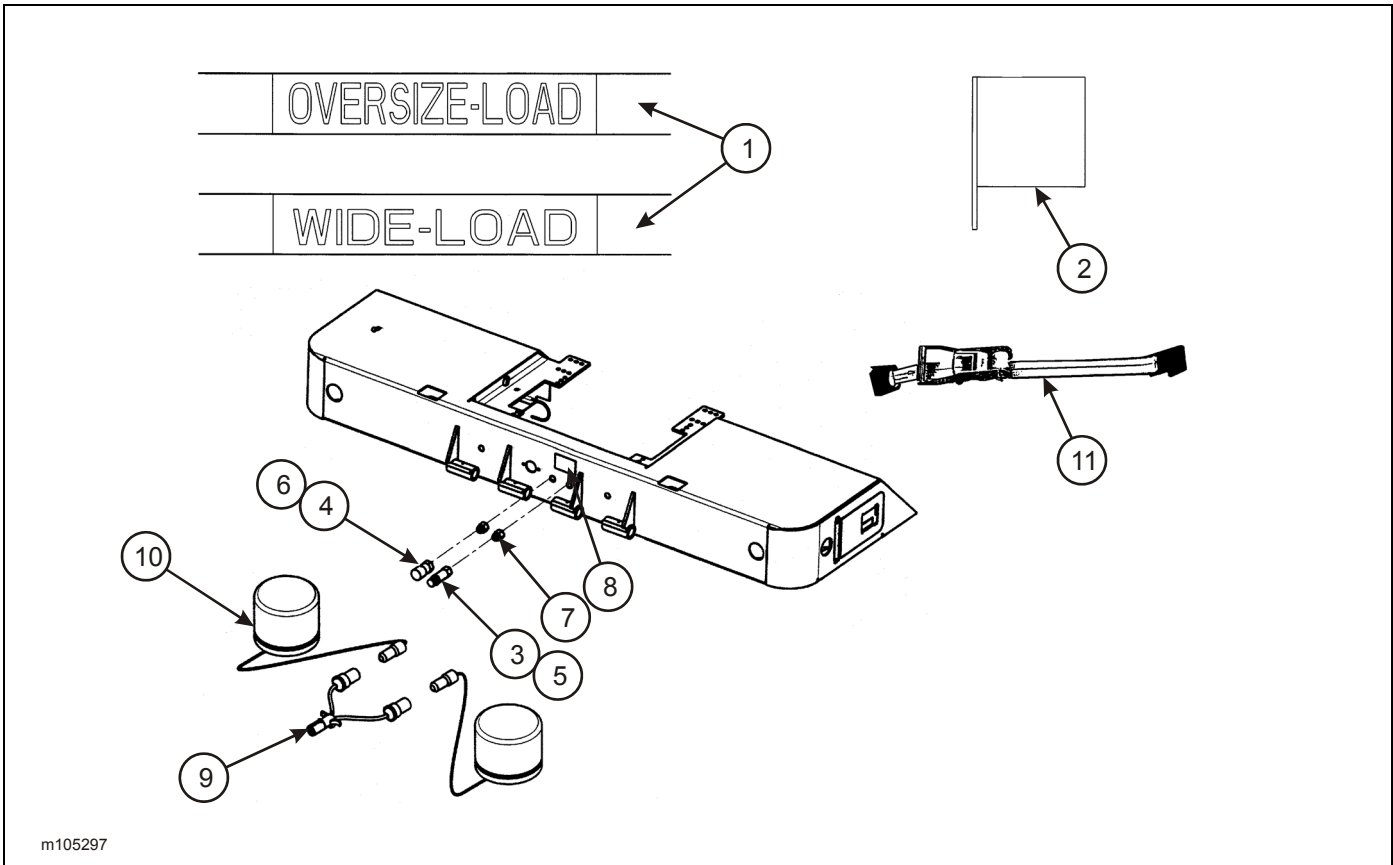


Figure 2-98: Miscellaneous Options

MISCELLANEOUS OPTIONS

ITEM	PART NO.	DESCRIPTION	QTY.
	105297	BANNER/FLAG KIT WIDE/OVS LS	
1	106655	BANNER WIDE/OVERSIZE LOAD	1
2	106654	FLAG, OVERWIDTH	6
	105902	HYDRAULIC CONVERSION KIT, BALL TO FLAT	
3	105479	COUPLER, FLAT FACE MALE NOSE	1
4	105480	COUPLER, FLAT FACE FEMALE NOSE	1
5	105481	COUPLER, DUST CAP MALE	1
6	105482	COUPLER, DUST CAP FEMALE	1
7	2216-12-12S	INTERNAL PIPE, O-RING BOSS	2
8	105822	DECAL, HYD COUPLER	1
	105296	LIGHT PACKAGE TWO MAG. STROBES	
9	105288	ELECTRICAL, DC-Y ADAPTER	1
10	106684	STROBE, LIGHT - MAGNETIC BASE	2
	127754	REPLACEMENT FLASH TUBE	1
11	100696	STRAP, RATCHET ASSEMBLY (NO PARTS BREAKDOWN)	2
	137108	HUBODOMETER INSTALLATION (NOT SHOWN)	
13	112529	BRACKET, HUBODOMETER	1
14	113109	HUBODOMETER, 572 RPM	1

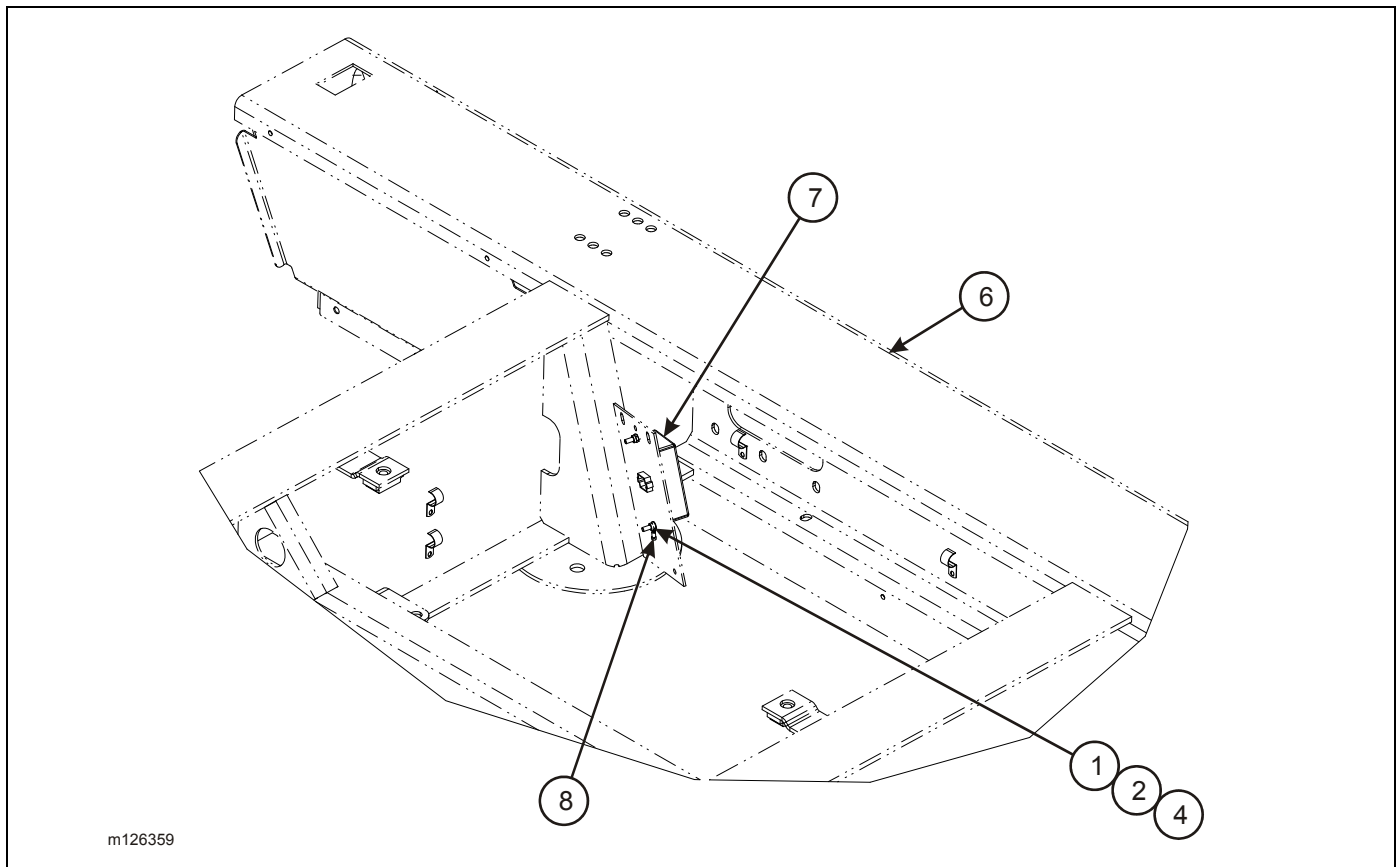


Figure 2-99: Air Weigh Scale Installation (Option)

AIR WEIGH SCALE INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	126359	SCALE INSTALLATION, AIR WEIGH	
1	1-512-010005-01	NUT, HEX LOCK 1/4-20	2
2	1-654-010047-07	SCREW, HEX HEAD CAP 1/4-20 X 1-1/4 GR5	2
3	1-796-010003-01	TIE STRAP, PLASTIC (NOT SHOWN)	2
4	1-861-010032-07	WASHER, FLAT 1/4W	2
5	104043	CONNECTOR (NOT SHOWN)	1
6	-----	FRAME WELDMENT	REF
7	128436	SCALE, AIR DIGITAL	1
8	239-3646-5	TERMINAL RING	1
9	3-395-010001	HOSE, CF FIRE (NOT SHOWN)	AR

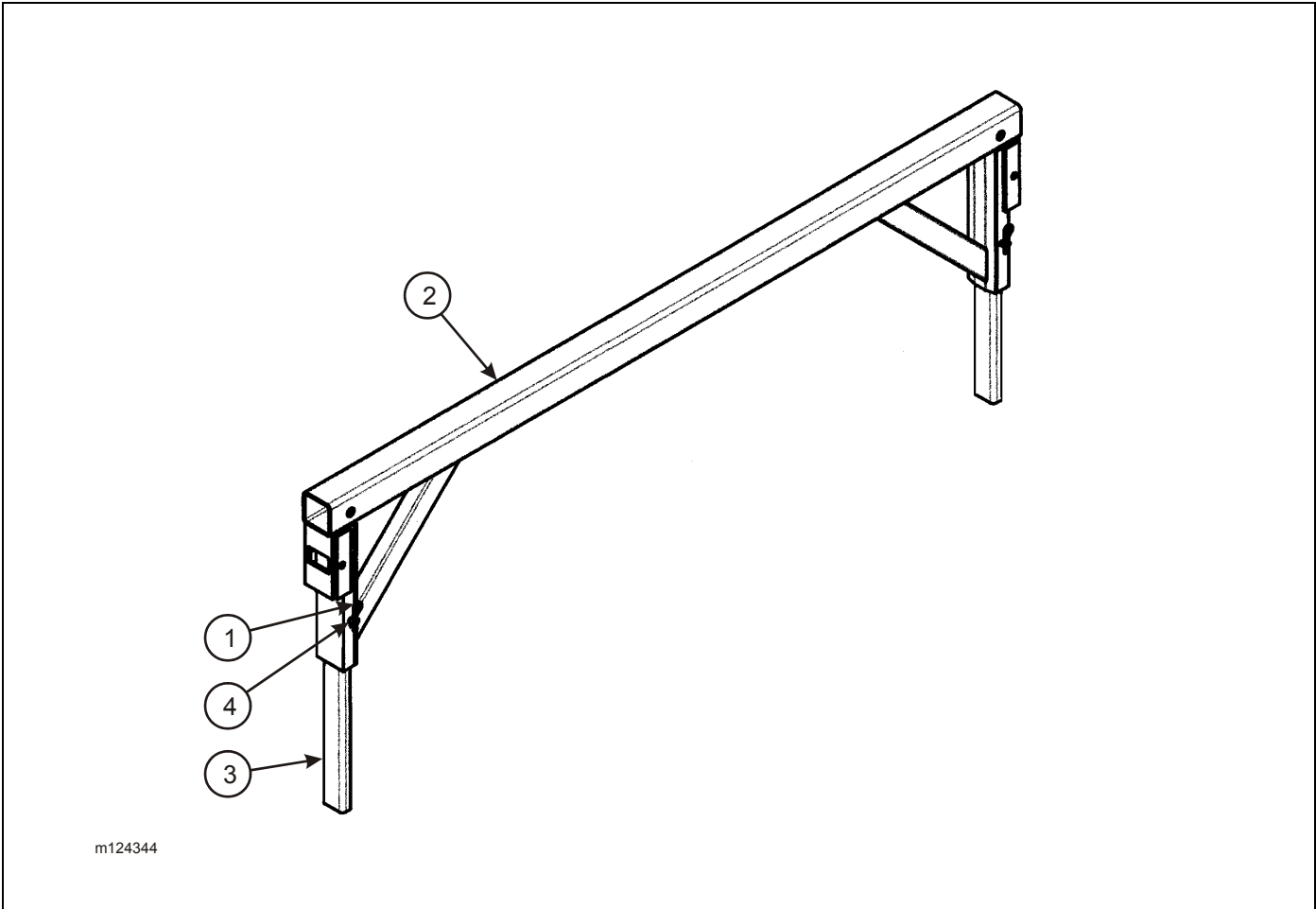


Figure 2-100: Header Rack Assembly, Adjustable Legs (Option)

HEADER RACK ASSEMBLY, ADJUSTABLE LEGS (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	124344	HEADER RACK ASSEMBLY, ADJUSTABLE LEGS	
1	1-557-010013	PIN, HAIR 3/16	2
2	124345	HEADER RACK WELDMENT, ADJUSTABLE LEG	1
3	124348	LEG, ADJUSTABLE HEADER RACK	2
4	2-557-010053	PIN, LOCK OUT	2

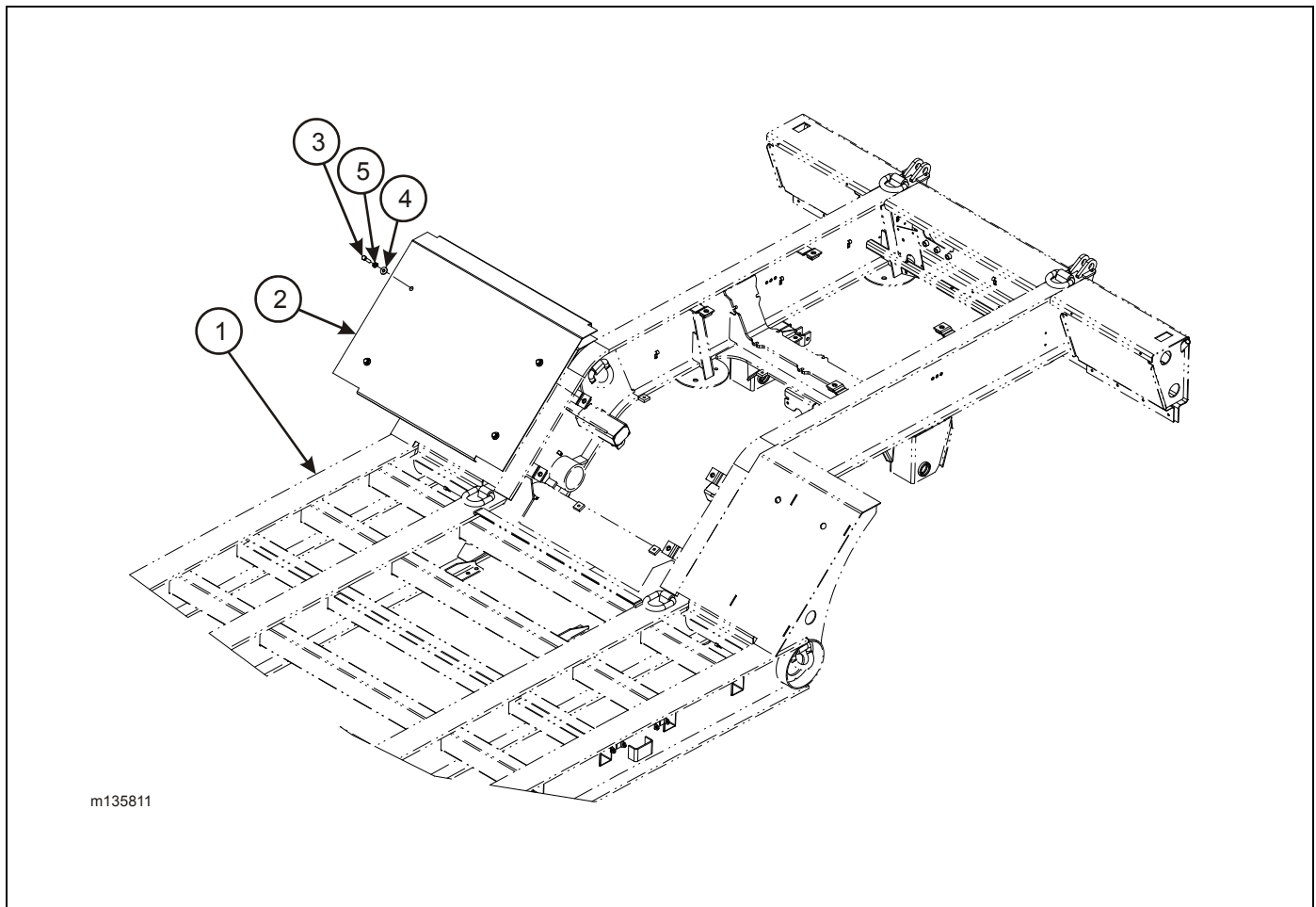
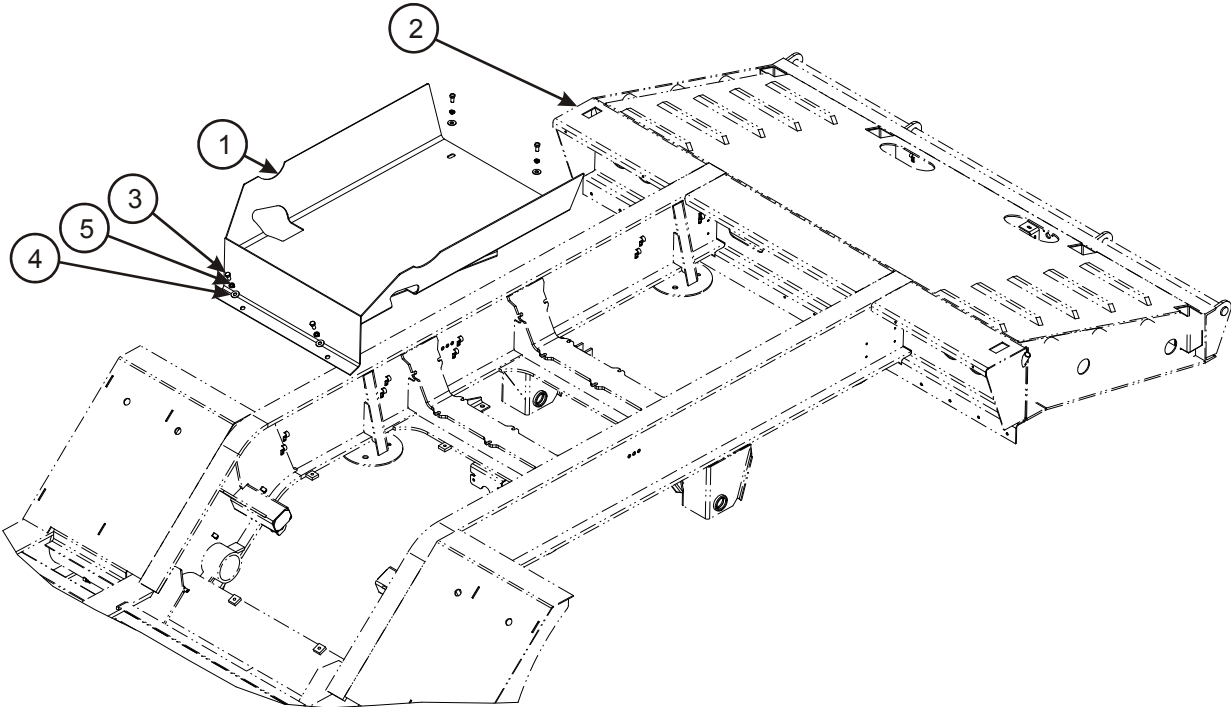


Figure 2-101: Slope Cover Assembly (Option)

SLOPE COVER ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	135811	SLOPE COVER ASSEMBLY	
1	-----	FRAME WELDMENT	1
2	135812	PLATE, SLOPE COVER	1
3	1-654-010055-05	SCREW, HEX HEAD CAP 1/2-13 X 2 GR5	4
4	1-861-010032-15	WASHER, FLAT 1/2W	4
5	1-861-010034-13	WASHER, SPLIT LOCK 1/2	4

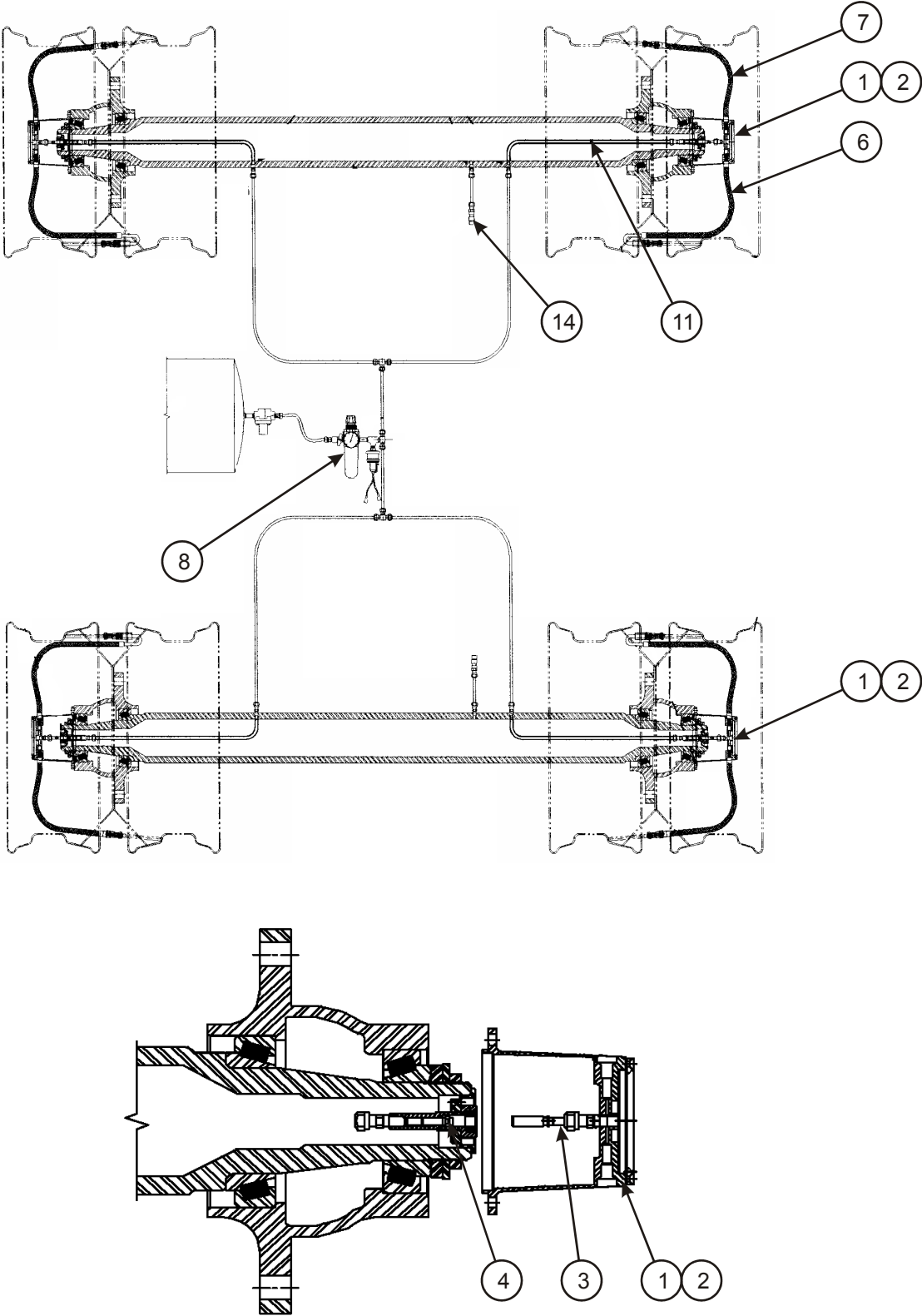


m135261

Figure 2-102: Tray Assembly (Option)

TRAY ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	135261	TRAY ASSEMBLY (835AG)	
1	135260	TRAY WELDMENT, BOOM TROUGH	1
2	-----	FRAME WELDMENT	1
3	1-654-010055-01	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	4
4	1-861-010032-15	WASHER, FLAT 1/2W	4
5	1-861-010034-13	WASHER, SPLIT LOCK 1/2	4



m157703

Figure 2-103: Tire Inflation System (Option)

TIRE INFLATION SYSTEM (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	157703	TIRE INFLATION SYSTEM 3AX	
	157702	TIRE INFLATION SYSTEM 2AX	
1	139529	HUB CAP ASSEMBLY, LOW PROFILE 5.5" OIL	*6, 4
2	157704	GASKET, HUB CAP	*6, 4
3	157705	ROTATING SHAFT, UNIVERSAL	*6, 4
4	157706	SPINDLE PLUG, 1.75"	*6, 4
5	157707	AIR CYLINDER ASSEMBLY (NOT SHOWN)	*6, 4
6	159338	HOSE ASSEMBLY, OUTER TIRE	*6, 4
7	159337	HOSE ASSEMBLY, INNER TIRE	*6, 4
8	178749	REGULATOR ASSEMBLY W/ BALL VALVE	1
9	-----	WARNING LIGHT WIRE (NOT SHOWN)	1
10	-----	NYLON AIR TUBE (NOT SHOWN)	1
11	-----	CHAFE GUARD	1
12	-----	LARGE WIRE TIES (NOT SHOWN)	3
13	148417	TRIPLE AXLE HARDWARE KIT (NOT SHOWN)	1
	148413	DUAL AXLE HARDWARE KIT (NOT SHOWN)	1
14	-----	AXLE VENT	1
15	145677	LIGHT PRESSURE GUARD (NOT SHOWN)	1
16	154653	PRESSURE SWITCH (NOT SHOWN)	1

* 1ST QUANTITY IS USED ON P/N 157703; 2ND QUANTITY IS USED ON P/N 157702

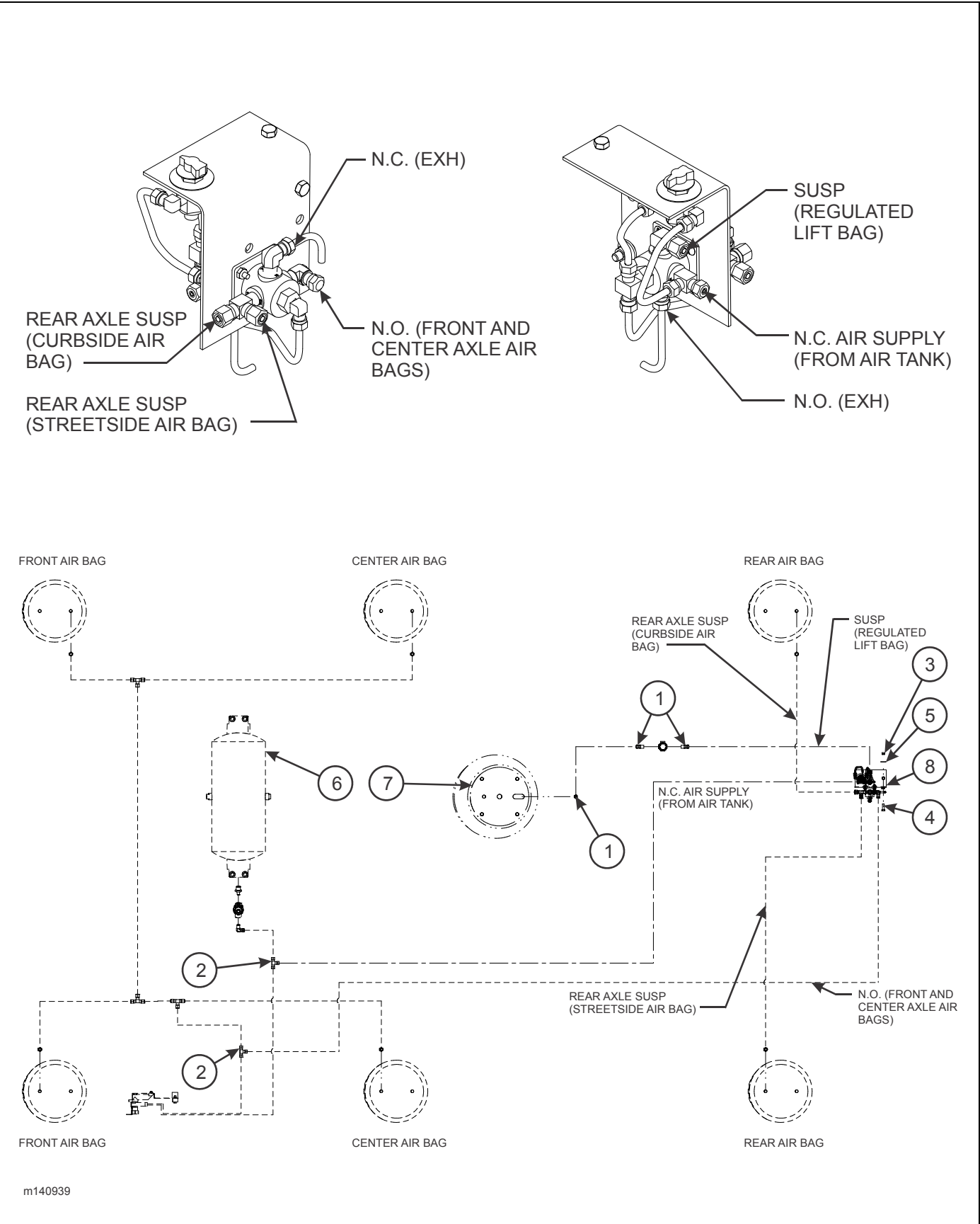


Figure 2-104: Axle Lift Control (Option)

AXLE LIFT CONTROL ASSEMBLY (855C)

ITEM	PART NO.	DESCRIPTION	QTY.
	140939	AXLE LIFT CONTROL ASSEMBLY	
1	1-297-010007-05	FITTING, AIR	3
2	1-297-010010-01	FITTING, AIR TEE	2
3	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	3
4	1-654-010049-05	SCREW, HEX HEAD CAP 5/16-18 X 1 GR5	3
5	1-861-010032-09	WASHER, FLAT 5/16W	3
6	112193	AIR RIDE PLUMBING INSTALLATION	REF
7	112953	AIR CONTROL KIT FOR LIFT AXLE	REF
8	140369	CONTROL ASSEMBLY, LIFT AXLE (FLIP) (SEE PAGE 2-179)	1

ILLUSTRATED PARTS LIST

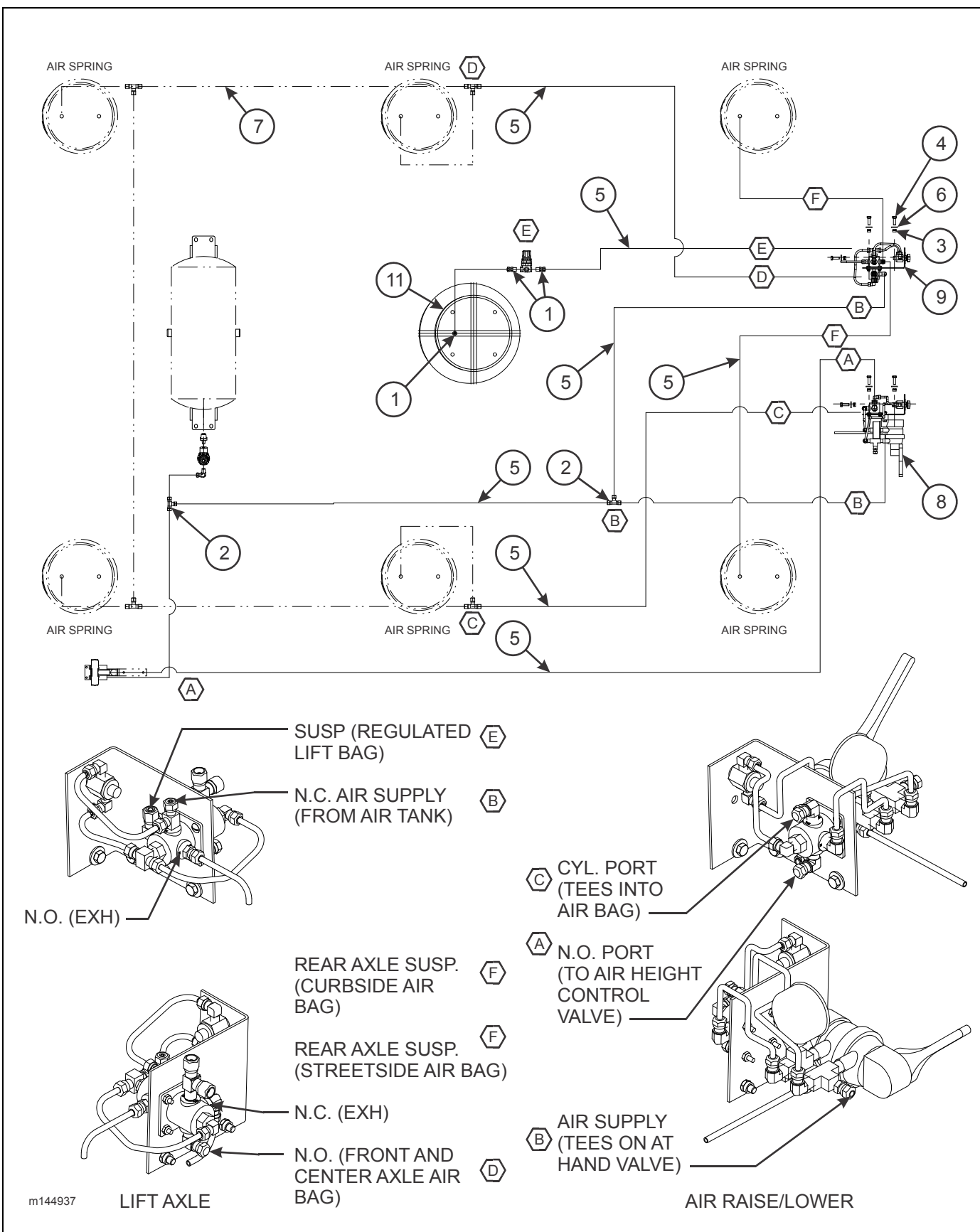


Figure 2-105: Lift Control Installation, 3rd R/L (Option)

LIFT CONTROL INSTALLATION, 3RD RAISE/LOWER (835)

ITEM	PART NO.	DESCRIPTION	QTY.
	144937	LIFT CONTROL INSTALLATION, 3RD R/L	
1	1-297-010007-05	FITTING, AIR	3
2	1-297-010010-01	FITTING, AIR UNION TEE	2
3	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	6
4	1-654-010049-05	SCREW, HEX HEAD CAP 5/16-18 X 1 GR5	6
5	1-833-010001	TUBING, NYLON 1/4 OD	AR
6	1-861-010032-09	WASHER, FLAT 5/16W	6
7	112193	AIR RIDE PLUMBING INSTALLATION	REF
8	112326	CONTROL ASSEMBLY, AIR R/L (SEE PAGE 2-79)	1
9	140369	CONTROL ASSEMBLY, LIFT AXLE (FLIP) (SEE PAGE 2-179)	1
10	-----	FRAME ASSEMBLY, MOD LIFT 3RD AXLE	REF
11	-----	AIR SPRING ASSEMBLY	REF

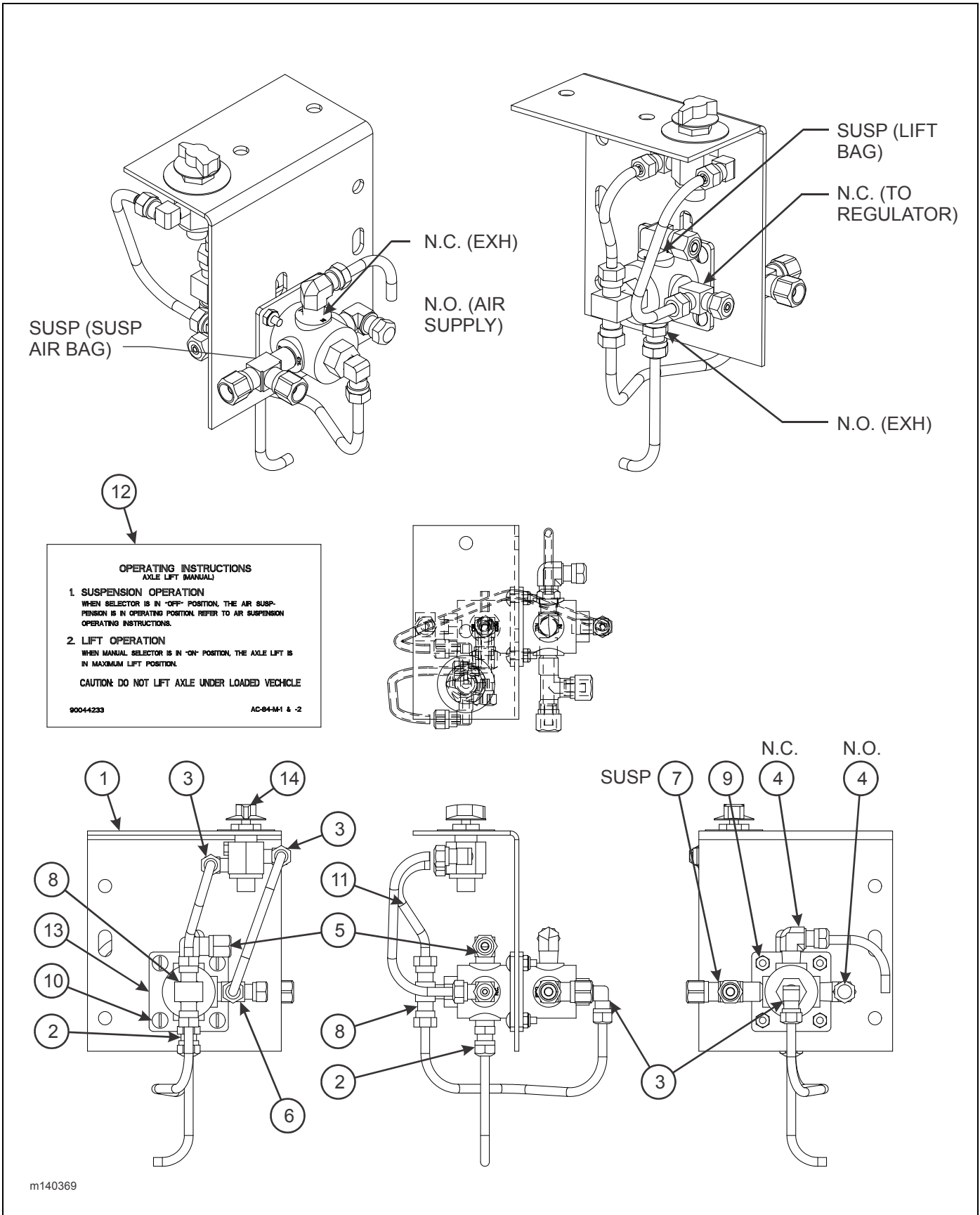


Figure 2-106: Lift Axle (Flip) Control Assembly (835) (Option)

LIFT AXLE (FLIP) CONTROL ASSEMBLY (835) (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	140369	CONTROL ASSEMBLY, LIFT AXLE (FLIP)	
1	112324	PLATE, MOUNTING AIR LIFT KIT	1
2	1-297-010007-05	FITTING, AIR	1
3	1-297-010008-05	FITTING, AIR 90	3
4	1-297-010008-07	FITTING, AIR 90	2
5	1-297-010008-18	FITTING, AIR 90	1
6	1-297-010011-02	FITTING, AIR M/RUN TEE	1
7	1-297-010011-04	FITTING, AIR M/RUN TEE	1
8	1-297-010015-02	FITTING, AIR BR TEE	1
9	1-512-010003-06	NUT, HEX LOCK #10-24	4
10	1-656-010003051	SCREW, RD HEAD MACH #10-24 X 3/4	4
11	1-833-010001	TUBING, NYLON 1/4OD	AR
12	-----	DECAL, AXLE LIFT OPERATING INSTRUCTIONS	REF
13	900-54-079	PILOT VALVE	2
14	900-54-088	VALVE, AIR RIDE CONTROL	REF

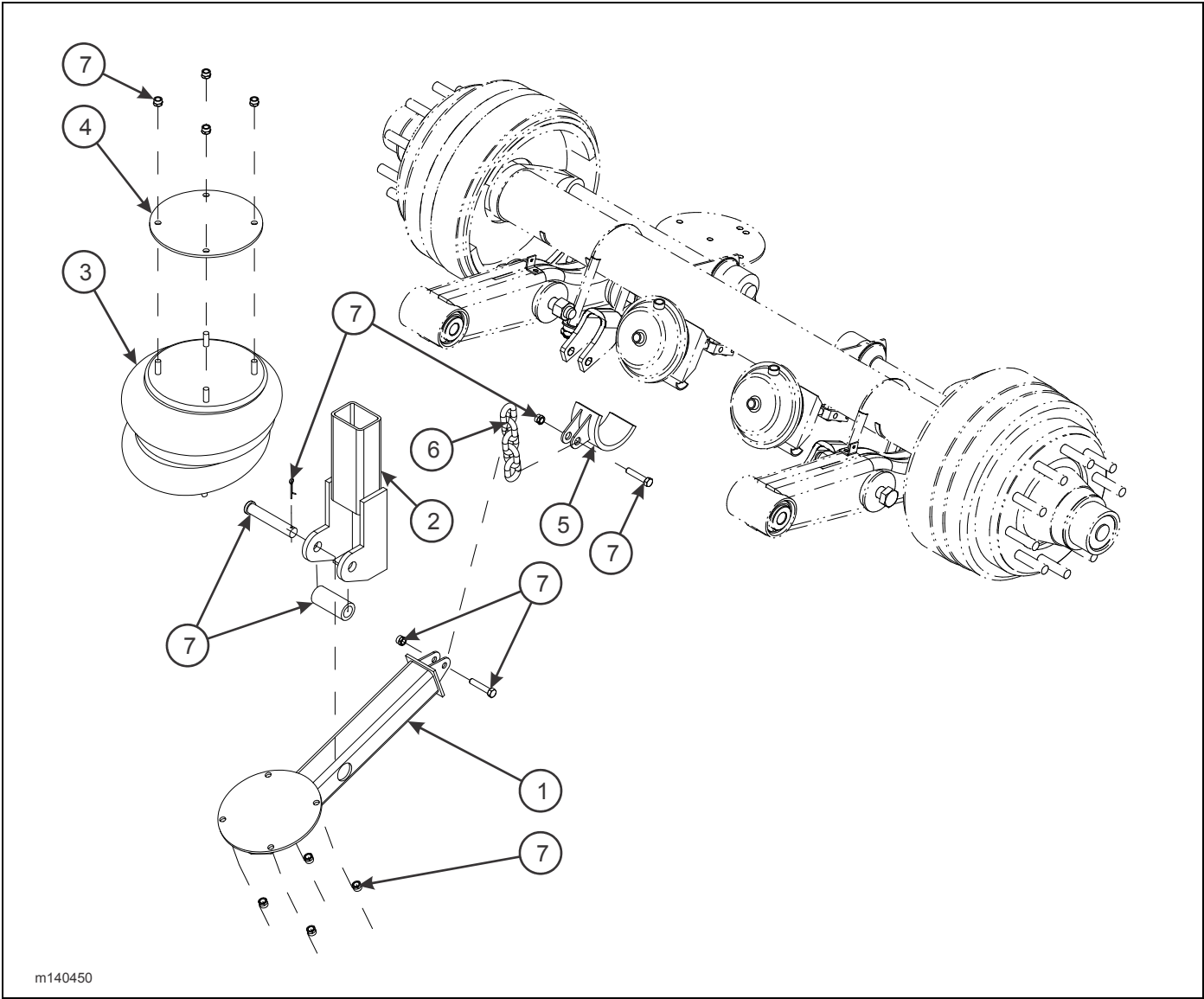


Figure 2-107: Rear Suspension Air Lift Assembly (Option)

REAR SUSPENSION AIR LIFT ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	140450	REAR SUSPENSION AIR LIFT ASSEMBLY	
1	161825	BEAM LIFT BRACKET	1
2	164086	BRACKET LIFT ASSEMBLY	1
3	164087	AIR SPRING	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 (NOT SHOWN)	1
9	164093	CENTER BAG LIFT - LITERATURE KIT (NOT SHOWN)	1

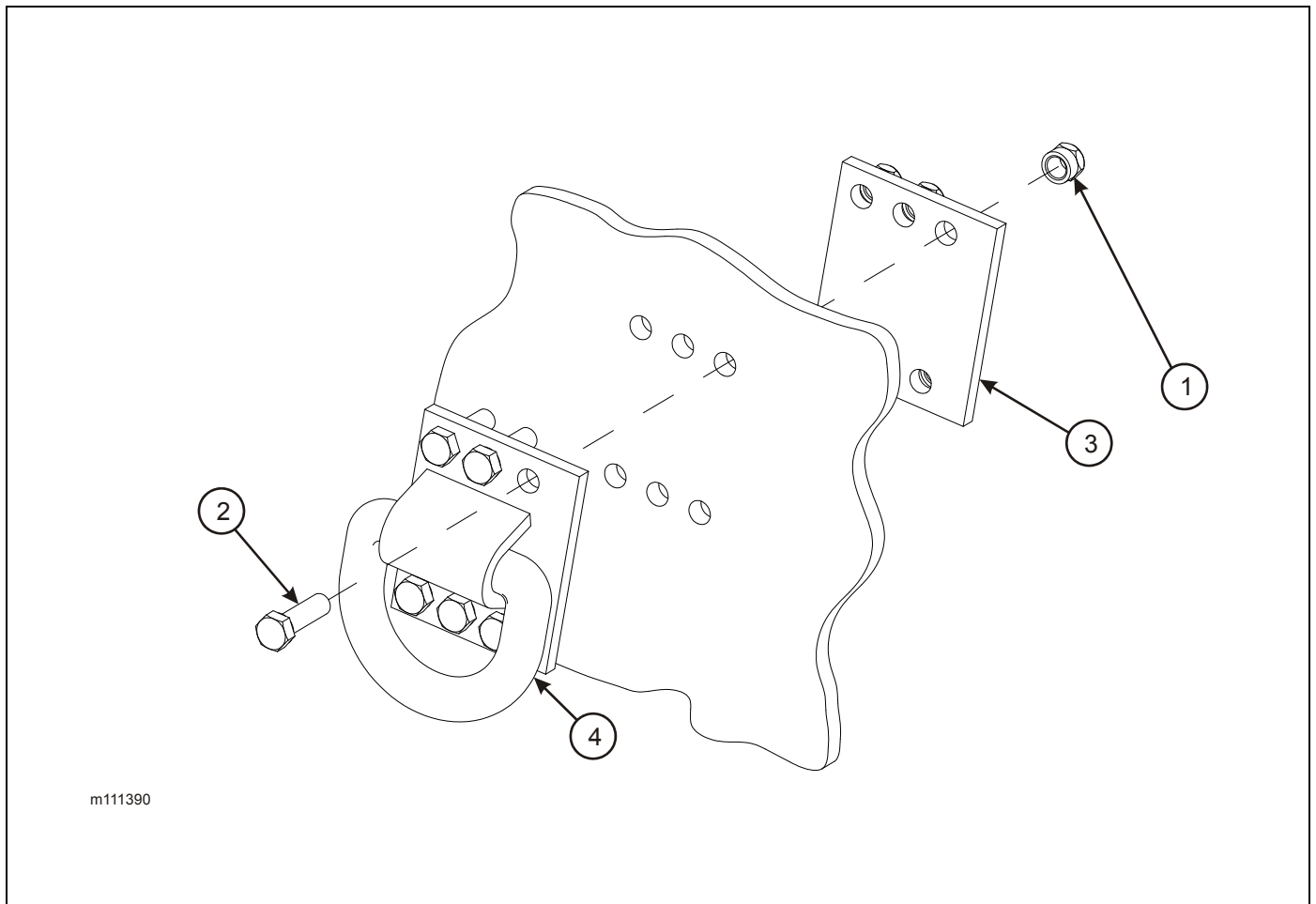


Figure 2-108: Bolt-On D-Ring Assembly (Option)

BOLT-ON D-RING ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	111390	D-RING ASSEMBLY, BOLT-ON	
1	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	6
2	1-654-010055-04	SCREW, HEX HEAD CAP 1/2-13 X1-3/4 GR5	6
3	111382	MOUNT, TIE DOWN	1
4	3-793-010040	TIE DOWN, WINCH	1

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