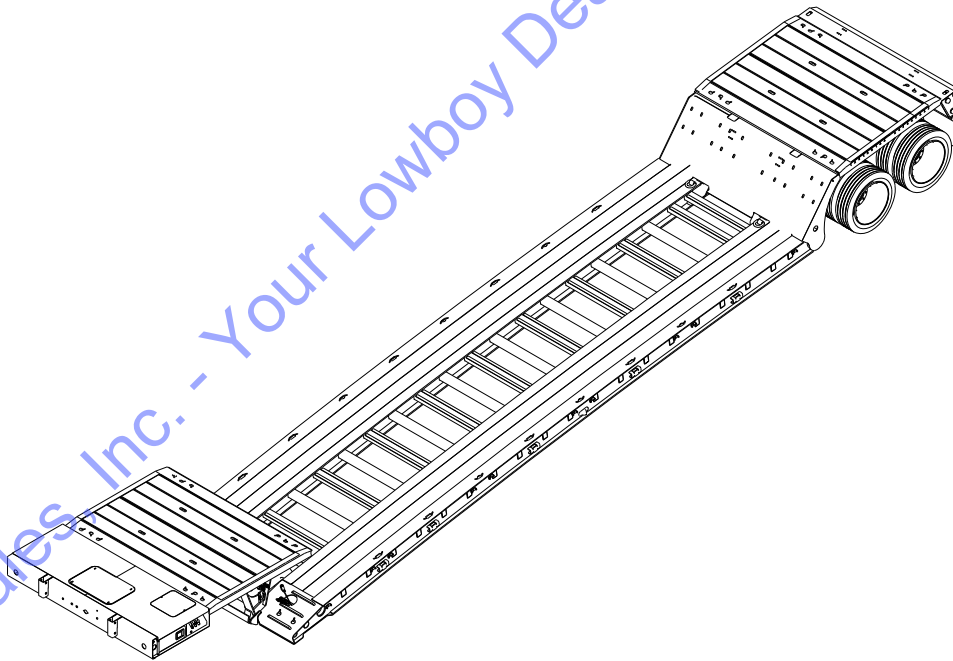




**MODEL 825B/835B SERIES
SEMITRAILER
PARTS MANUAL**



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ILLUSTRATED PARTS LIST

1

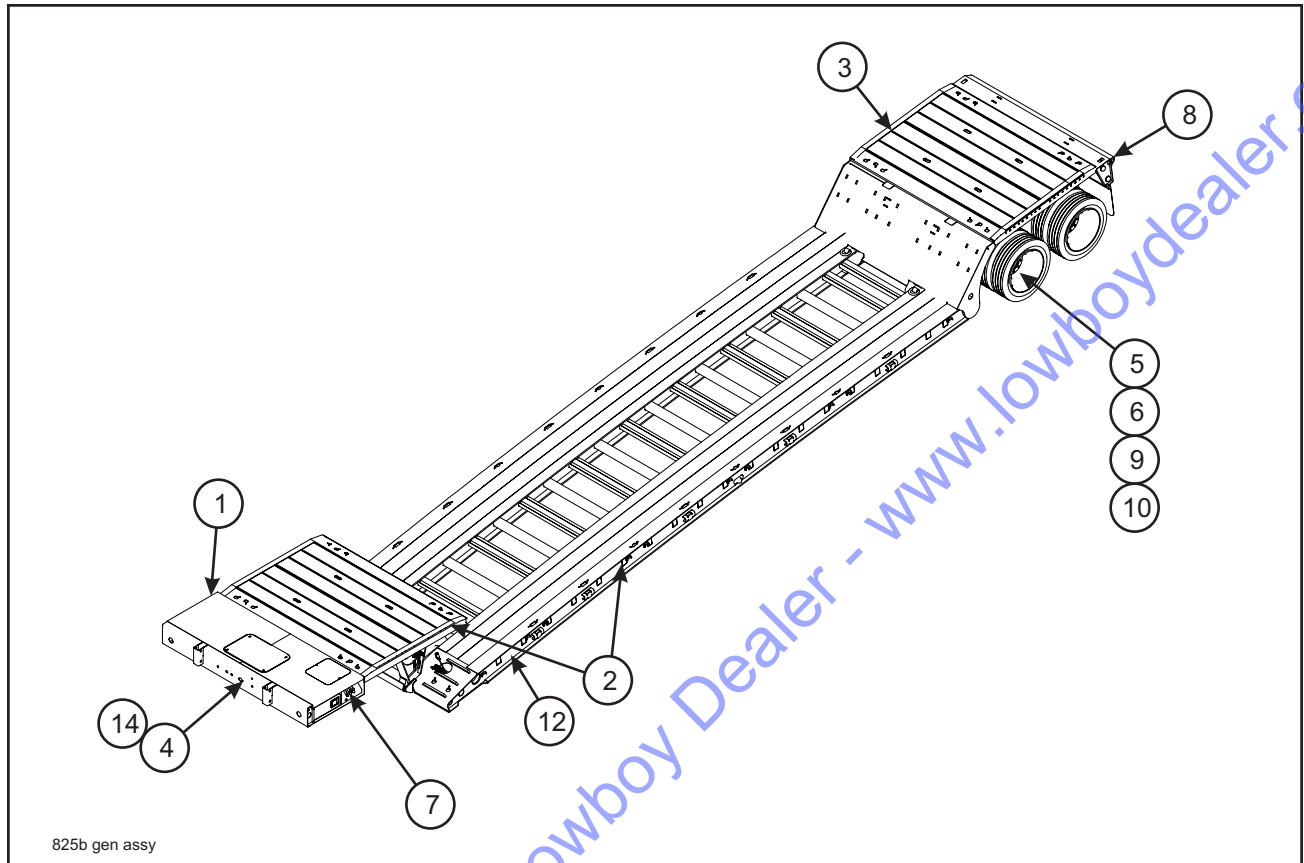
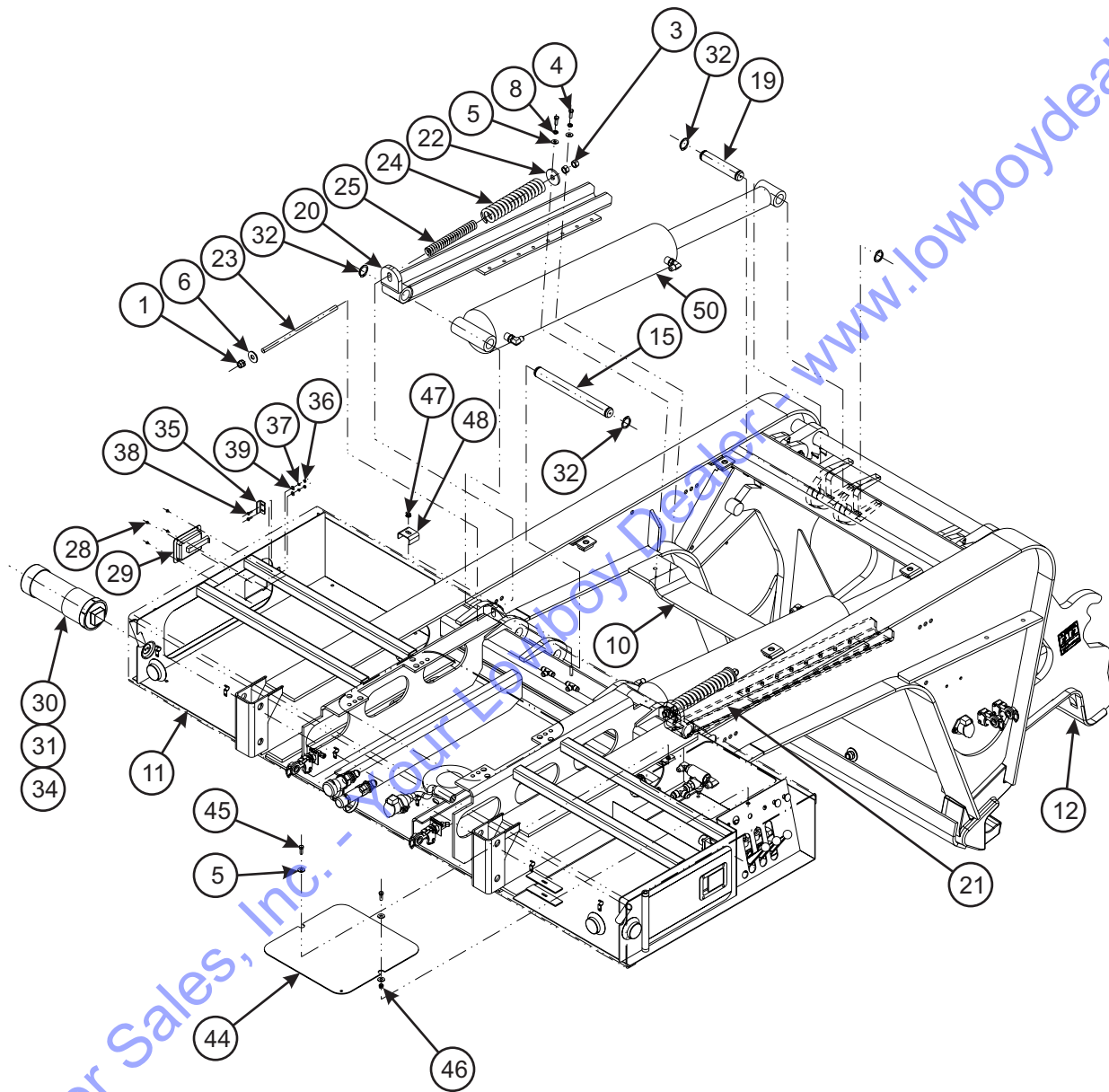


Figure 1-1 General Assembly

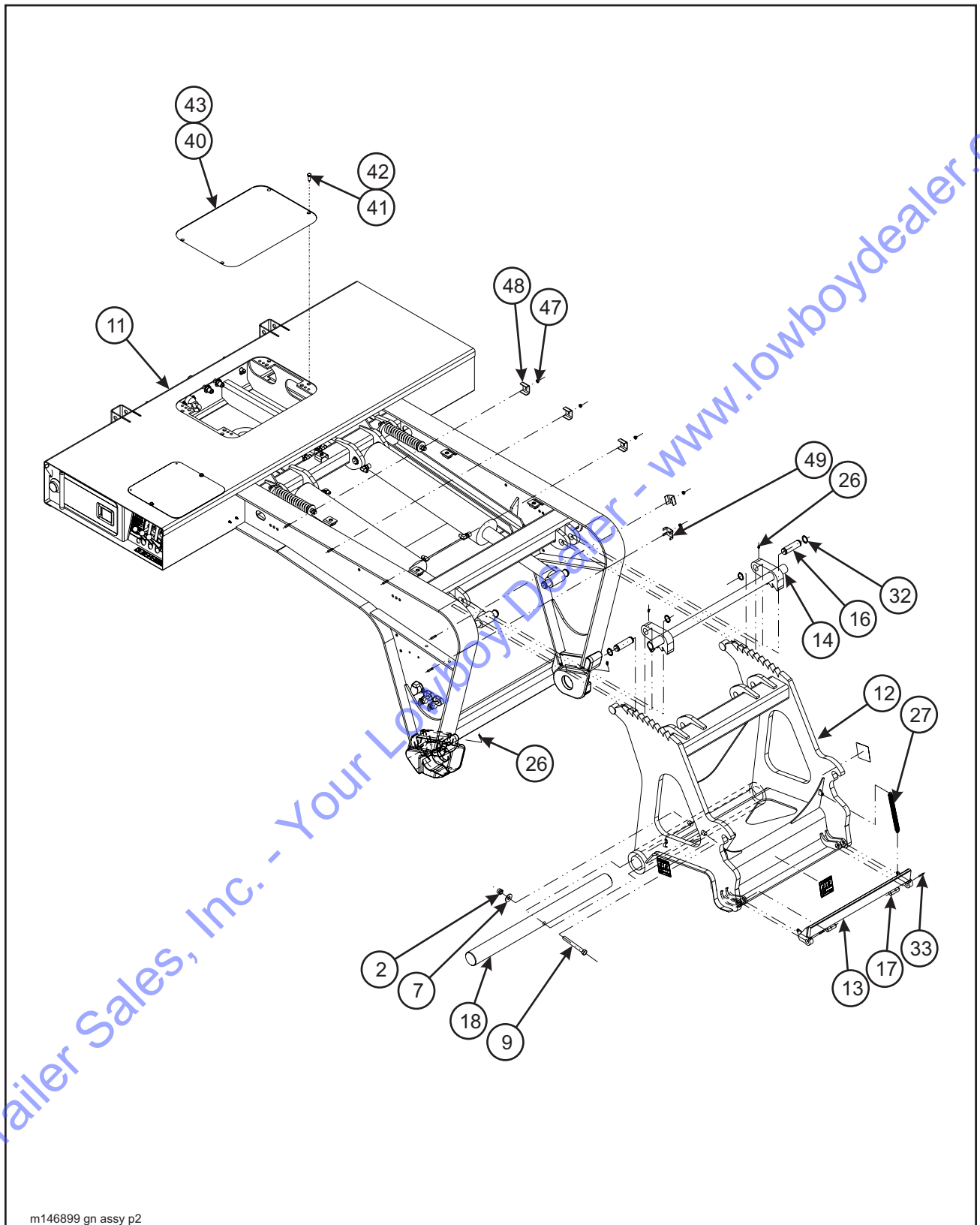
GENERAL ASSEMBLY

ITEM	PAGE/PART NO.	DESCRIPTION	QTY.
1	1-2 - 1-7	GOOSENECK ASSEMBLY	
2	1-8 - 1-13	BED AND PULL/SWING OUT INSTALLATIONS	
3	1-14 - 1-23	FRAME ASSEMBLIES	
4	1-24 - 1-25	AIR SYSTEM	
5	1-26 - 1-41	AIR RIDE SUSPENSION ASSEMBLIES	
6	1-42 - 1-43	AXLE AND BRAKE ASSEMBLY	
7	1-44 - 1-51	HYDRAULIC ASSEMBLIES	
8	1-52 - 1-57	ELECTRICAL ASSEMBLY	
9	1-58 - 1-75	AIR BRAKE SYSTEMS	
10	1-76 - 1-77	HUB AND DRUM ASSEMBLY	
11	1-78 - 1-86; 1-88 - 1-94	WINCH ASSEMBLIES (NOT SHOWN)	
12	1-95 - 1-97	DECAL INSTALLATION	
13	1-98 - 1-105	ENGINE ASSEMBLIES	
14	1-87; 1-106 - 1-133	MISCELLANEOUS OPTIONS	



m146899 gn assy p1

Figure 1-2 Gooseneck Assembly
(1 of 2)



m146899 gn assy p2

Figure 1-3 Gooseneck Assembly
(2 of 2)

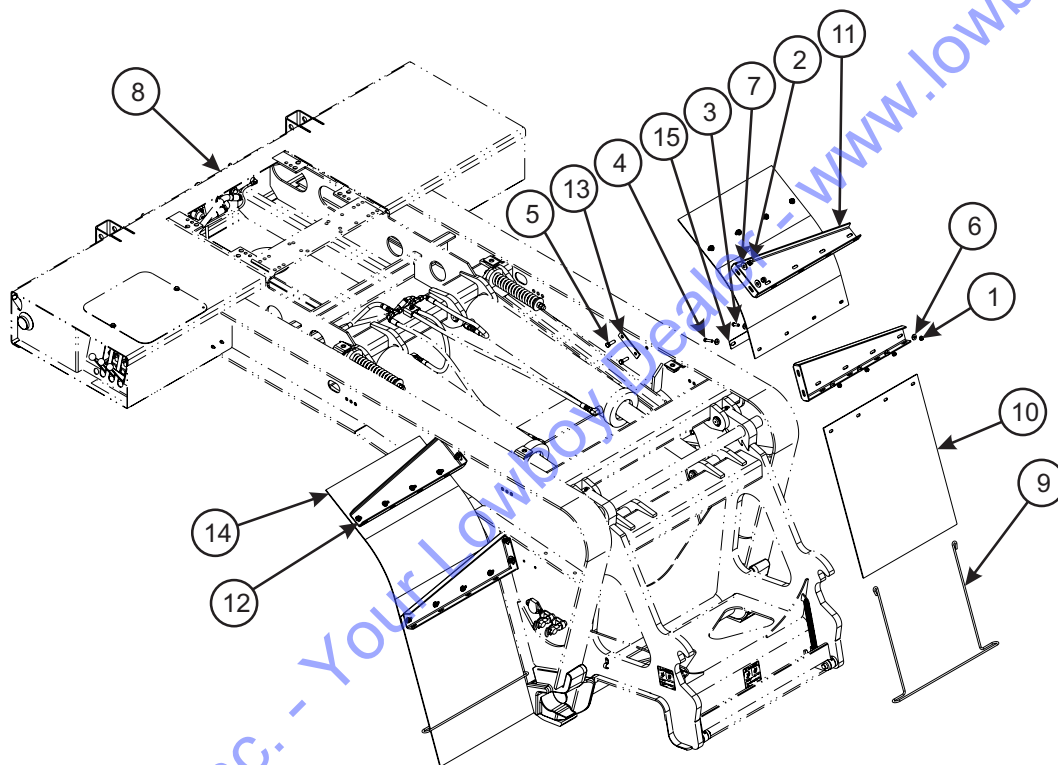
GOOSENECK ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
	146899	GOOSENECK ASSEMBLY (825B)	
	146909	GOOSENECK ASSEMBLY (835B)	
1	1-512-010005-13	NUT, HEX LOCK 5/8-11 GRB	2
2	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	1
3	1-512-010007-11	NUT, HEX 5/8-11 GRB	4
4	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	4
5	1-861-010032-11	WASHER, FLAT 3/8W	*9,6
6	1-861-010032-19	WASHER, FLAT 5/8W	2
7	1-861-010032-21	WASHER, FLAT 3/4W	1
8	1-861-010034-11	WASHER, SPLIT LOCK 3/8	4
9	100855	SCREW, HEX HEAD CAP 3/4-10 X 6-1/2 GR5	1
10	105209	BAR, LIFT ARM CONNECTION	1
11	131900	GOOSENECK WELDMENT (825B)	1
	128709	GOOSENECK WELDMENT (835B)	1
12	105212	CARRIER WELDMENT	1
13	105237	LATCH, WELDMENT G/N LOWER	1
14	105239	LATCH, WELDMENT G/N UPPER	1
15	105241	PIN, 1-1/2 X 15	2
16	105242	PIN, 1-1/2 X 5-1/4	2
17	105243	PIN, LOWER G/N LATCH	2
18	105245	PIN, G/N TO CARRIER	1
19	105272	PIN, 1-1/2 X 7-3/4	2
20	105285	WELDMENT, RH CHANNEL, LIFT G/N	1
21	106943	WELDMENT, LH CHANNEL LIFT G/N	1
22	106945	WASHER, G/N LIFT	2
23	106961	ROD, 5/8 THREADED	2
24	2-720-010002	SPRING CLAMP	2
25	2-720-010003	SPRING - COMPRESSION	2
26	5210	FITTING, GREASE 1/4-28 X 45	*8,4
27	3-720-010075	SPRING EXTENSION 7/8 X 6	1
28	BSL-6-4	RIVET, 3/16 AL X 1/4 GRIP LG	*8,4
29	3-443-010010	LATCH	*2,1
30	130511	TUBE ASSEMBLY, MANUAL STORAGE	1
31	105-0094	HOSE CLAMP, 4-1/8 - 5	1
32	1-630-010021-01	RING, 1-1/2 RETAINING HD	12
33	1-647-010004221	PIN, SPRING SLOTTED 1/4 X 2	2
34	F-484	MANUAL, MODEL 825/835B OPERATOR'S	1
35	3-482-010307	MOUNT, ADJ STRIKER PLATE	*2,1
36	1-512-010007-03	NUT, HEX 10-24	*4,2
37	1-861-010034-07	WASHER, SPLIT LOCK #10	*4,2
38	1-656-010003051	SCREW, RD HEAD MACH #10-24 X 3/4	*4,2
39	1-861-010032-04	WASHER, FLAT 3/16	*4,2
40	110510	COVER INSTALLATION WINCH OPENING (USED IF NO WINCH) (INCL ITEMS 41-43)	1
	105098	WINCH INSTALLATION 12K (NOT SHOWN)(SEE PAGE 1-79)	1
	105099	WINCH INSTALLATION 20K (NOT SHOWN)(SEE PAGE 1-79)	4
41	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	4
42	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4

GOOSENECK ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
43	107888	COVER, G/N WINCH OPENING	1
44	105257	COVER, TOOLBOX	1
45	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	2
46	1-512-010005-05	NUT, HEX LOCK 3/8-16	2
47	1-510-010001	NUT, FLANGE LOCK 3/8-16	6
48	2-181-010001	CLAMP	5
49	138814	HOSE CLAMP, NOTCHED	1
50	138711	CYLINDER, HYD 6 X 30 (SEE PAGE 1-49)	2

* 1ST QUANTITY SHOWN IS FOR P/N 146899; 2ND QUANTITY SHOWN IS FOR P/N 146909.

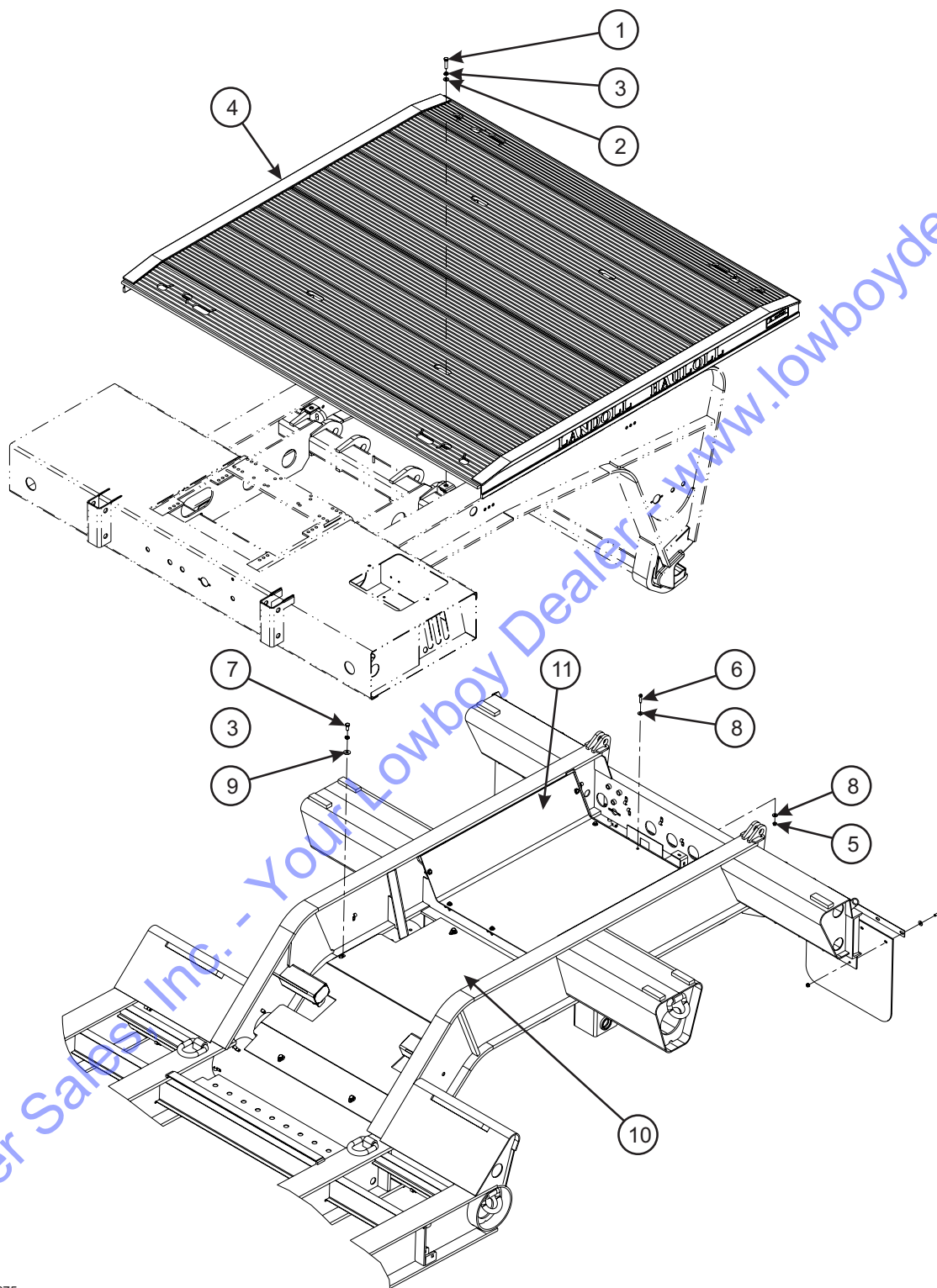


m142065

Figure 1-4 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



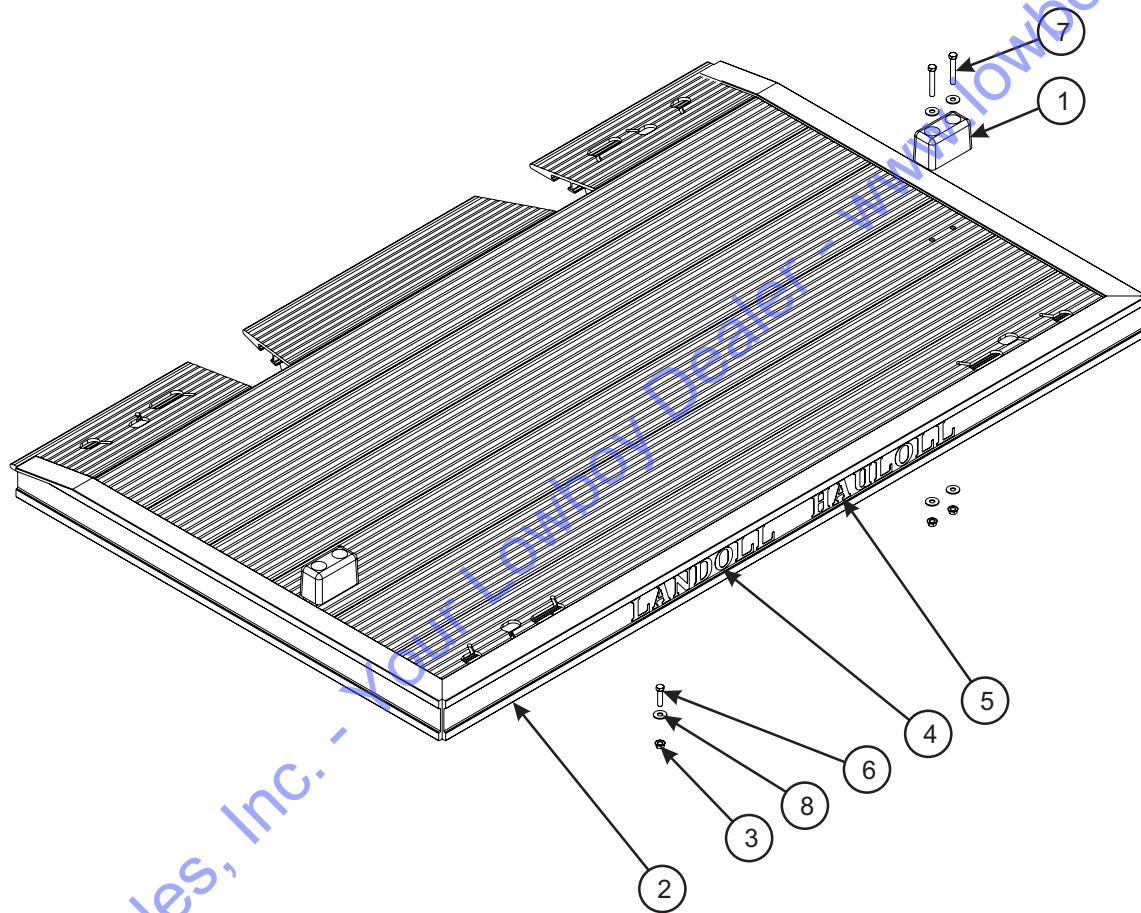
m120675

Figure 1-5 Bed Installation (Trunnion and Gooseneck)

BED INSTALLATION (TRUNNION AND GOOSENECK)

ITEM	PART NO.	DESCRIPTION	QTY.
	105190	BED INSTALLATION ALUM. (825/835B) (ITEMS 1-4)	
	131150	BED INSTALLATION ALUM. (825B) (ITEMS 1-4)	
	129311	BED INSTALLATION ALUM. (835B) (ITEMS 1-4)	
	129876	BED INSTALLATION ALUM. (835B) (ITEMS 1-4)	
	128699	BED INSTALLATION ALUM. (835B) (ITEMS 1-4)	
	120675	TRUNNION COVER (835B) (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 (825B & 835B)	1
	129312	BED WELDMENT ALUM (835B)	1
	129877	BED WELDMENT ALUM (835B SPREAD)	1
	128715	BED WELDMENT ALUM (835B)	1
	131151	BED WELDMENT ALUM (825B)	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

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



m130283

Figure 1-6 Bed Installation (Flip Axle)

BED INSTALLATION (FLIP AXLE)

ITEM	PART NO.	DESCRIPTION	QTY.
	130283	BED ASSEMBLY, FLIP AXLE (835B)	
1	128874	BUMPER, RUBBER 6 X 3 X 3-1/2	2
2	130284	BED WELDMENT, 835 FLIP AXLE	1
3	1-510-010003-09	NUT, FLANGE HEAD SERR, 1/2-13	8
4	1-573-010477	DECAL, LANDOLL (BLACK)	1
5	1-573-010478	DECAL, HAULOLL (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

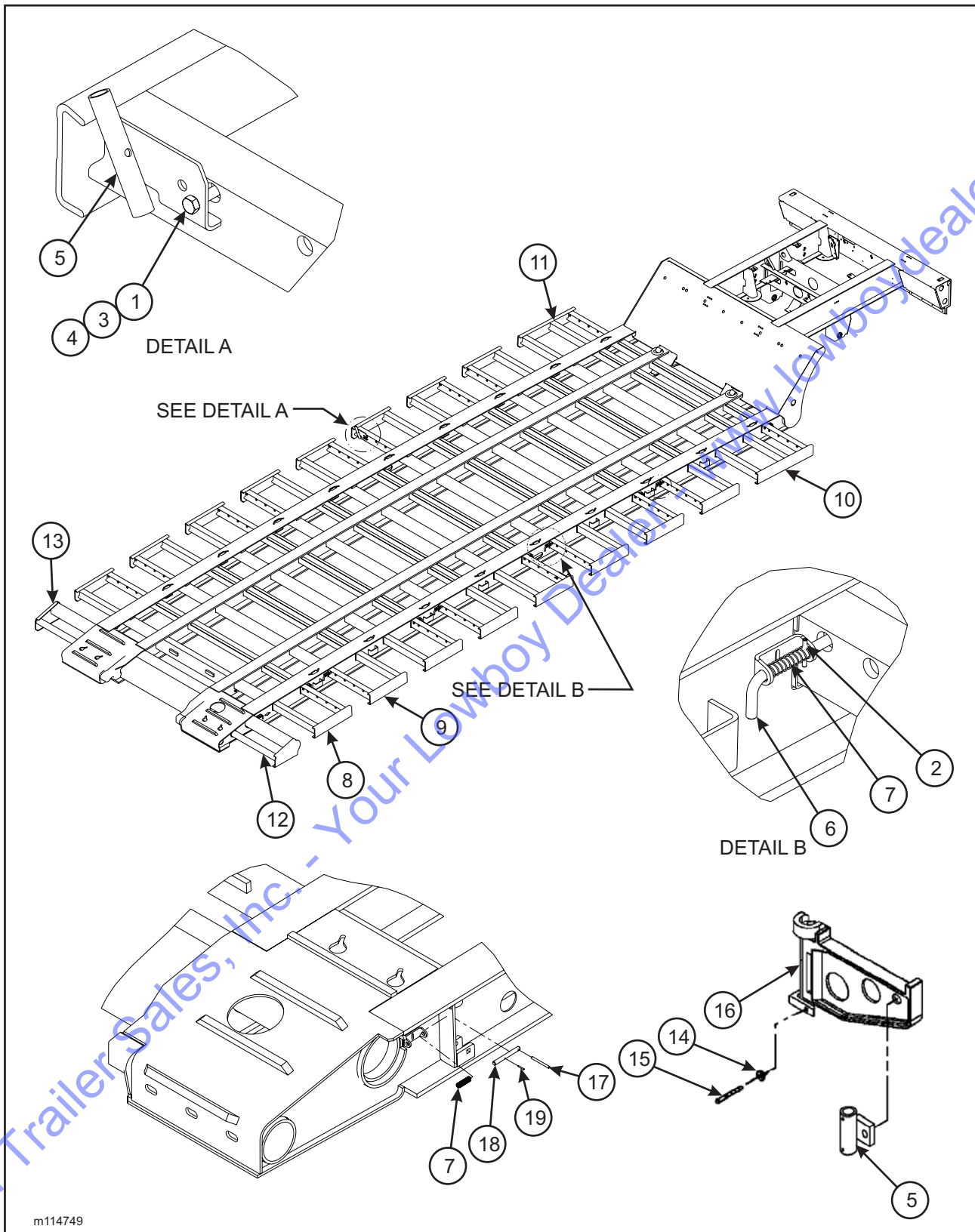


Figure 1-7 Pull and Swing Out Installations

PULL AND SWING OUT INSTALLATIONS

ITEM	PART NO.	DESCRIPTION	QTY.
	112622	PULL OUT INSTALLATION 825 - 28 (ITEMS 1-13)	
	112655	PULL OUT INSTALLATION 825 - 30 (ITEMS 1-9, 12-13)	
	120685	SWING-OUT INSTALLATION 835-27 (ITEMS 1, 3-5, 14-16)	
	128661	PULLOUT EXT INSTALLATION 825	
	129875	PULLOUT EXT INSTALLATION 835-30	
1	1-533-010001	NUT, WING 1/2-13	2
2	125520	ROLL PIN, SLTD 1/8 X 1-1/2	20,22*
3	1-654-010055-03	SCREW HEX HEAD CAP 1/2-13 X 1-1/2 GR5 (825)	2
	1-654-010055-05	SCREW, HEX HEAD CAP 1/2-13 X 2 GR5 (835)	2
	1-654-010055-07	SCREW, HEX HEAD CAP 1/2-13 X 2-1/2 GR5 (835)	2
4	1-861-010032-15	WASHER FLAT 1/2W	2
5	108859	WELDMENT, BRACKET FLAG HOLDER (PULLOUT EXT)	2
	114741	HOLDER, FLAG WELDMENT (SWINGOUT OUTRIGGER)	2
6	104252	PIN, P/O EXT LOCK	20,22*
7	104253	SPRING, COMPRESSION P/O EXT LOCK	20,22,2*
8	112598	PULL OUT ASSEMBLY, RH	8,10*
9	112599	PULL OUT ASSEMBLY, LH	8,10*
10	112621	EXTENSION WELDMENT, P/O REAR RH (825-28)	1
	128712	PULLOUT WELDMENT, RH 10 (835)	1
11	113026	EXTENSION WELDMENT P/O REAR LH (825-28)	1
	128711	PULLOUT WELDMENT, LH 10 (835)	1
12	134980	WELDMENT, PULL OUT EXT FRONT LH (825)	1
	128797	PULLOUT WELDMENT, STL FRONT LH (835)	1
13	134979	WELDMENT, PULL OUT EXT FRONT RH (825)	1
	128798	PULLOUT WELDMENT, STL FRONT RH (835)	1
14	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	30
15	1-654-010070-13	SCREW, RD HEAD SQ NECK 1/2-13 X 4	30
16	167-0022	OUTRIGGER FOR 10 CHANNEL	30
17	1-647-010004225	ROLL PIN, SLOTTED 1/4 X 3	2
18	3-557-010375	PIN, SLIDE LOCK	2
19	1-647-010004117	ROLL PIN, SLOTTED 1/8 X1	2

* 1ST QTY IS FOR P/N 112622; 2ND QTY IS FOR P/N 112655.

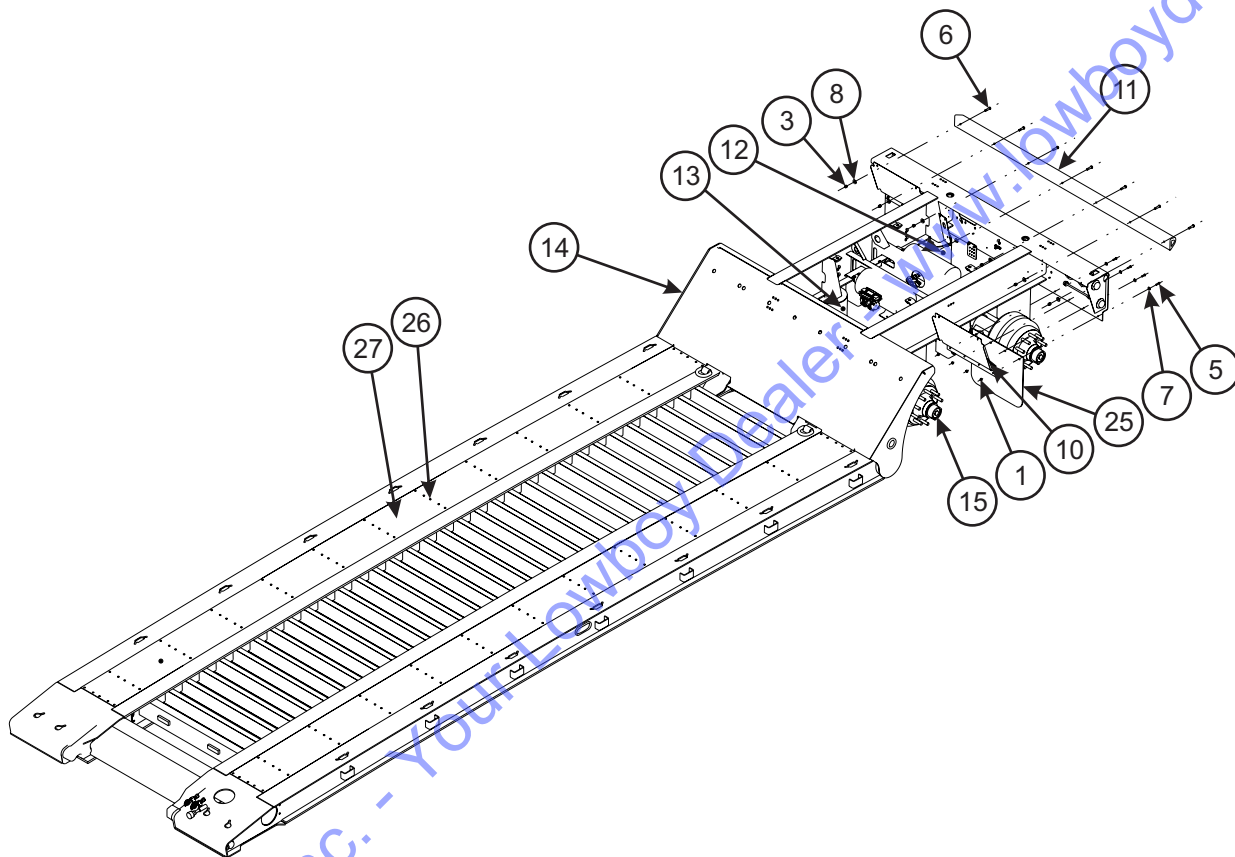
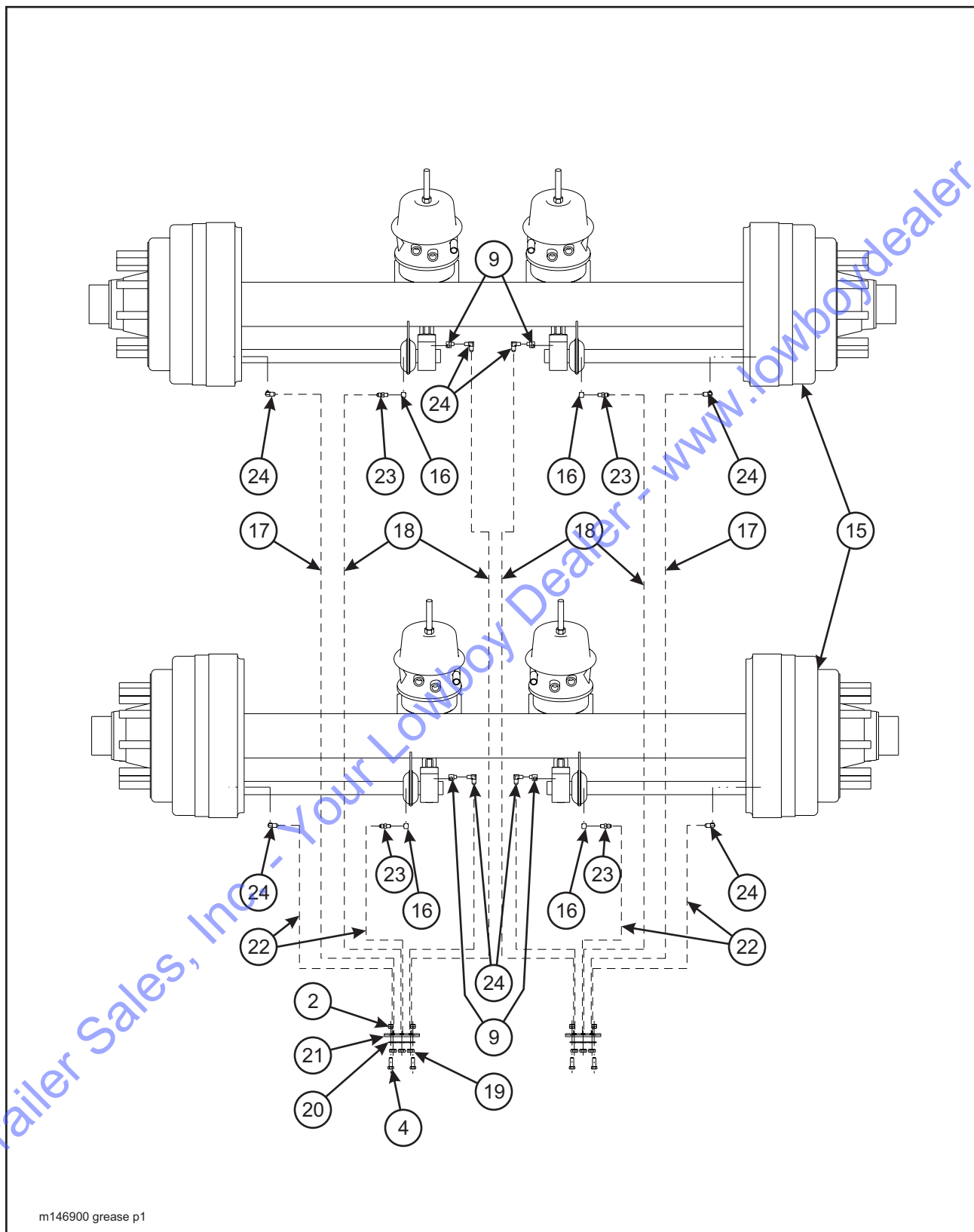


Figure 1-8 Frame Assembly and Grease System (825B)
(1 of 3)



m146900 grease p1

Figure 1-9 Frame Assembly and Grease System (825B)
(2 of 3)

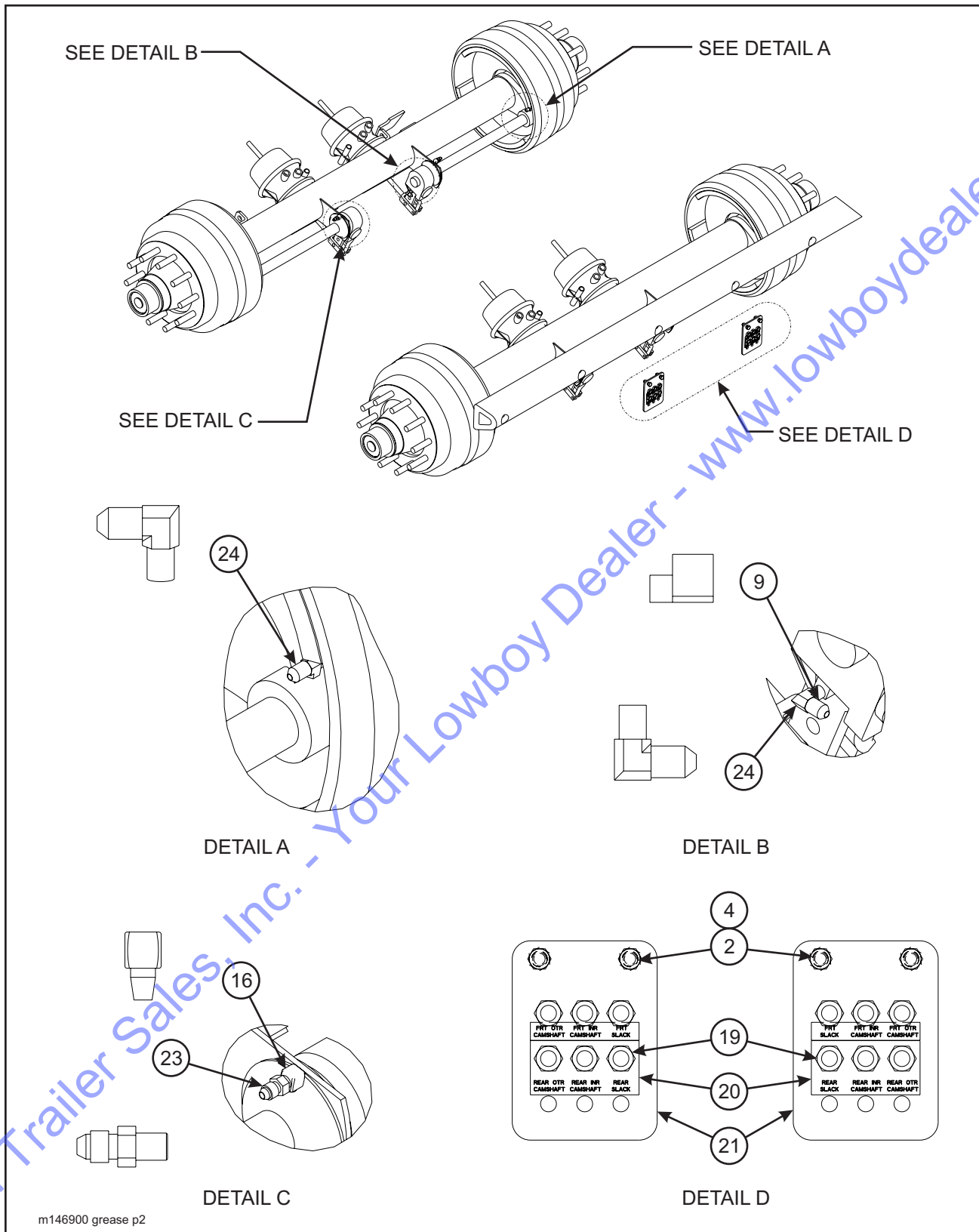
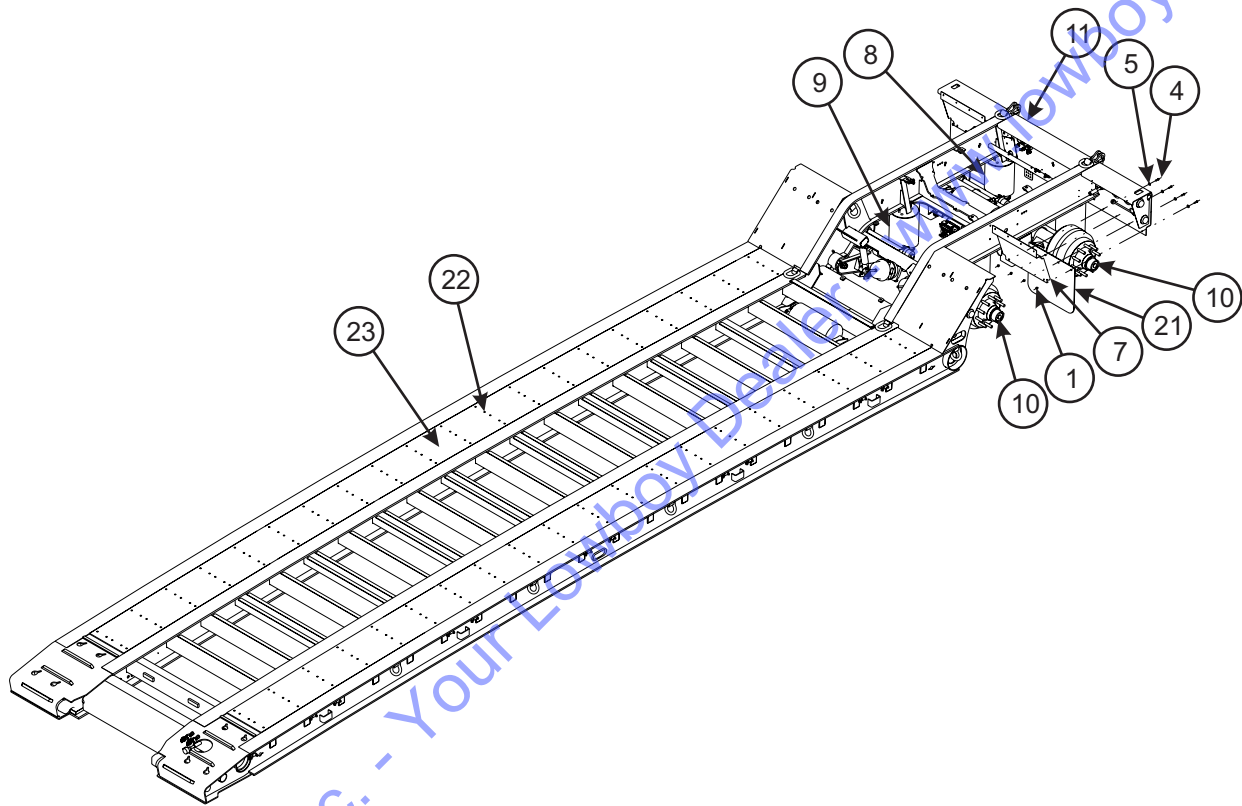


Figure 1-10 Frame Assembly and Grease System (825B)
(3 of 3)

FRAME ASSEMBLY AND GREASE SYSTEM (825B)

ITEM	PART NO.	DESCRIPTION	QTY.
	146901	FRAME ASSEMBLY 825-23 TANDEM	
	146902	FRAME ASSEMBLY 825-26 TANDEM	
	146903	FRAME ASSEMBLY 825-28 TANDEM	
	146904	FRAME ASSEMBLY 825-30 TANDEM	
	146905	FRAME ASSEMBLY 82530 X-IBM	
1	1-510-010001	NUT, FLANGE HEAD SERR 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	1
12	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 1-35)	1
13	110622	SUSPENSION FASTENER, RLU 250 FMT(SEE PAGE 1-37)	1
14	110743	FRAME WELDMENT 825-28 W/ RLU	1
	110744	FRAME WELDMENT 825-30 W/ RLU	1
	138532	FRAME WELDMENT 825-23	1
	128650	FRAME WELDMENT 825-26 W/ RLU250	1
	140333	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 WELDMENT BREAKDOWNS, SEE PAGE 1-43)	1
16	121355	ELBOW, 90	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	2021-2-4	ADAPTER, STR	4
24	2024-2-4S	ADAPTER, ELBOW	8
25	3-485-010001	MUD FLAP 21"	2
26	3-654-010129-1	SCREW, TORX FLOOR 5/16	AR
27	RWD34999	DECK, WOOD TRACK	AR



m146914 frame

Figure 1-11 Frame Assembly and Grease System (835B)
(1 of 5)

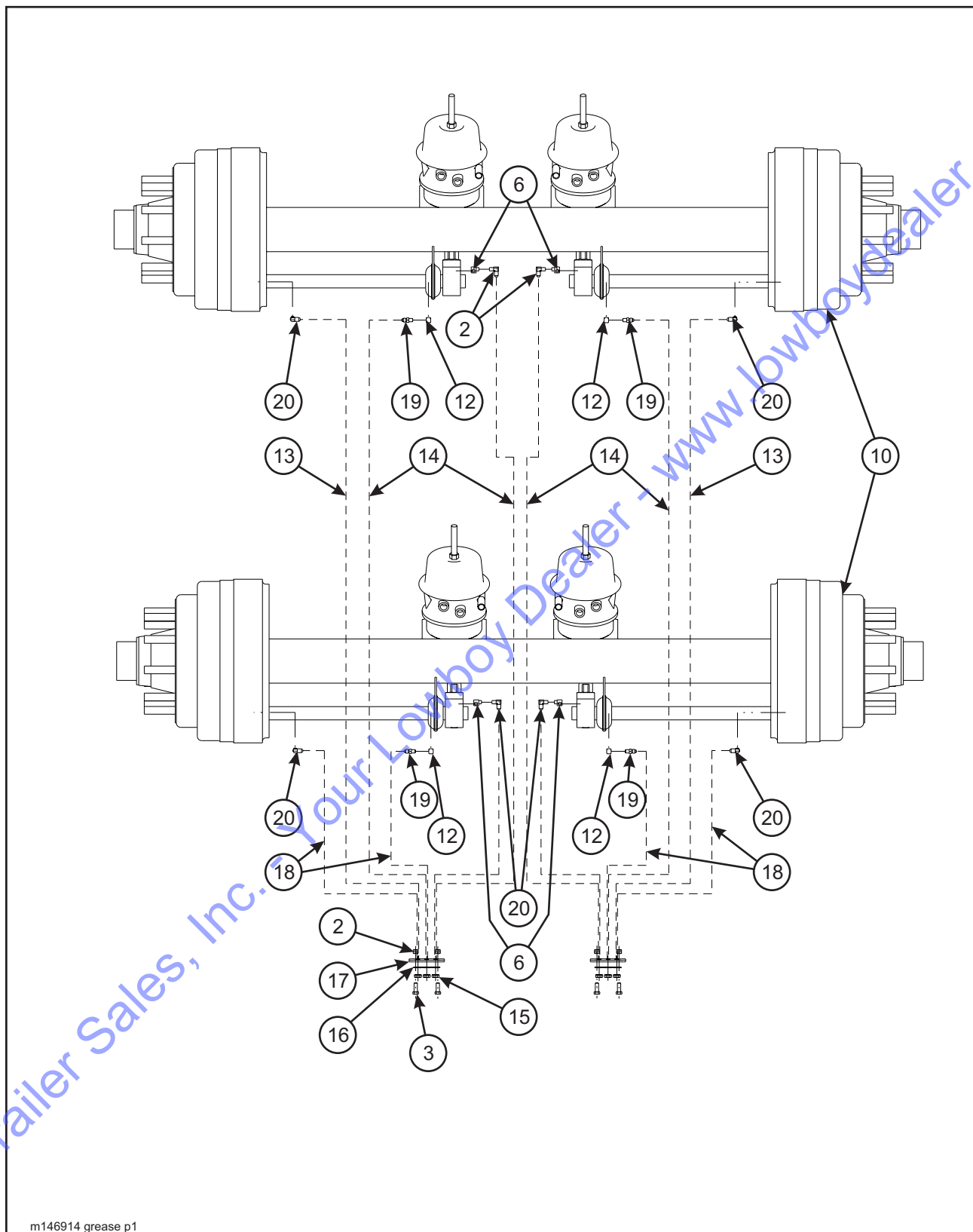


Figure 1-12 Frame Assembly and Grease System (835B - Tandem)
(2 of 5)

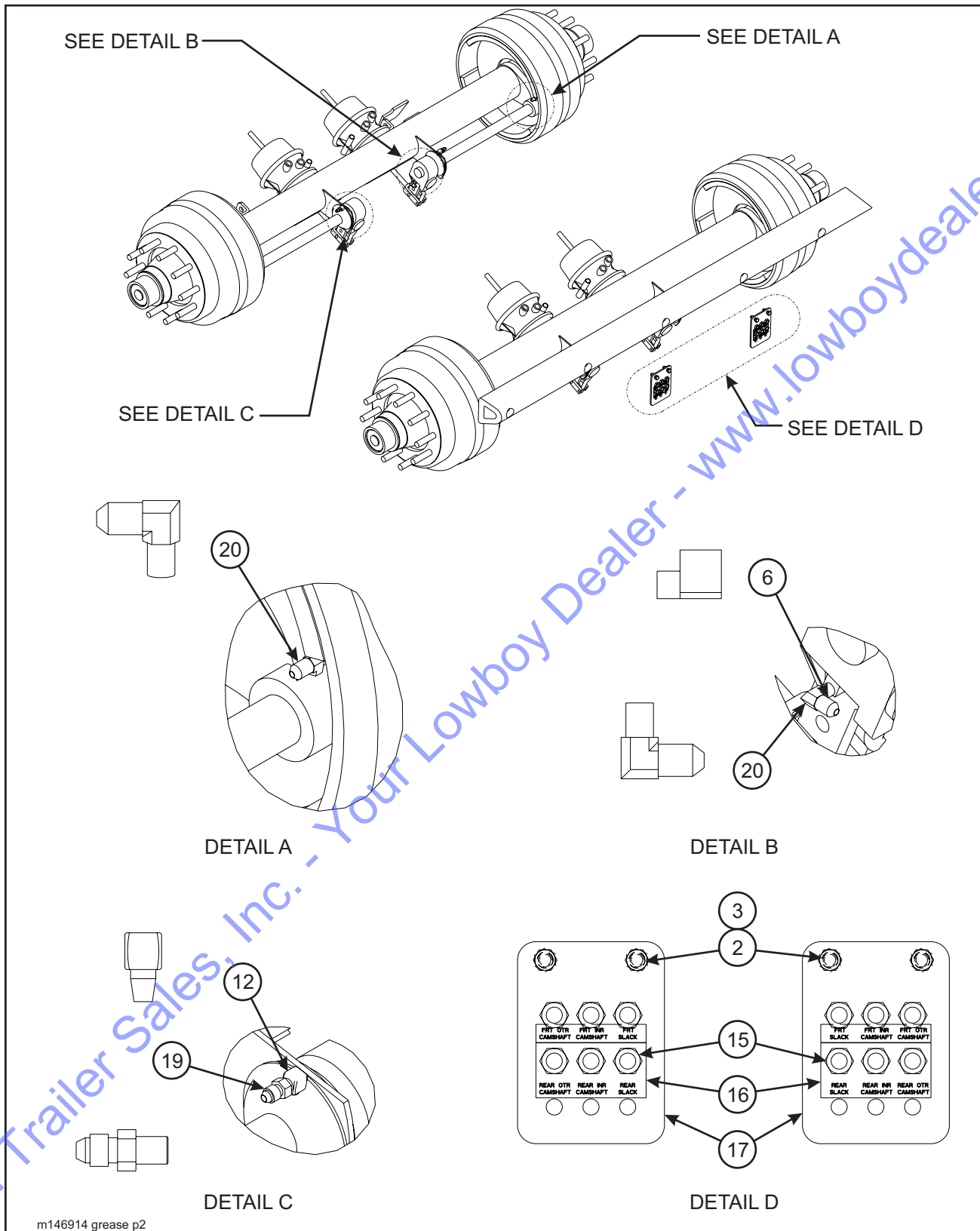
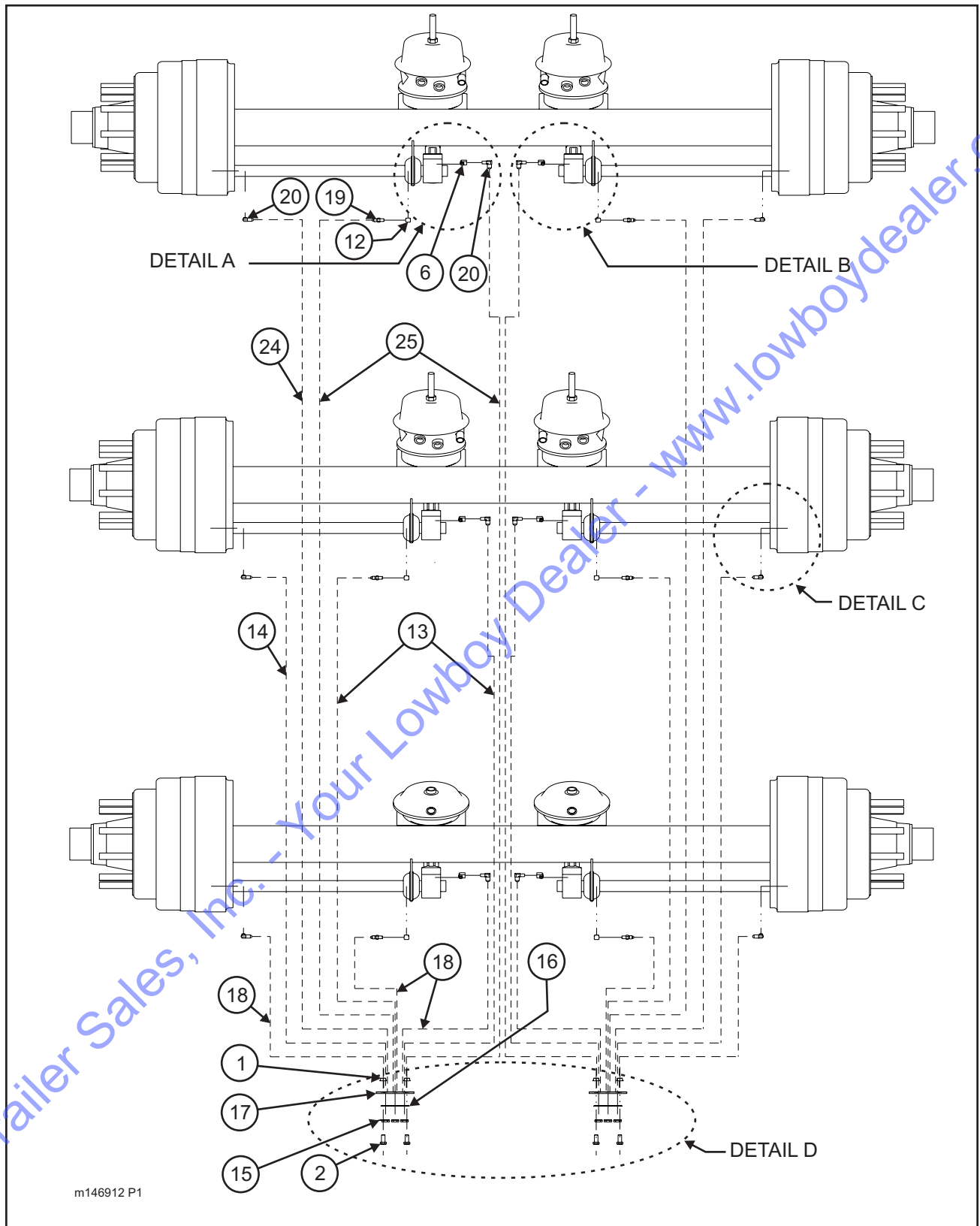
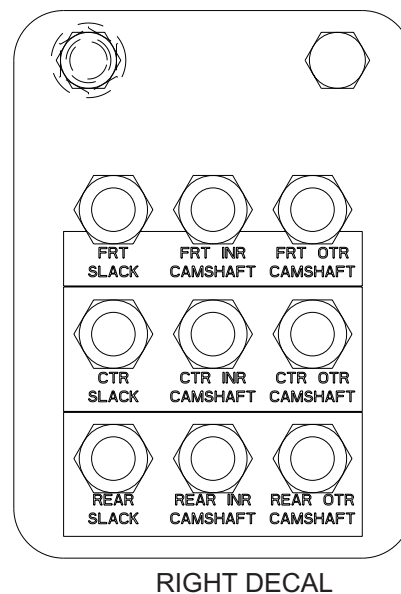
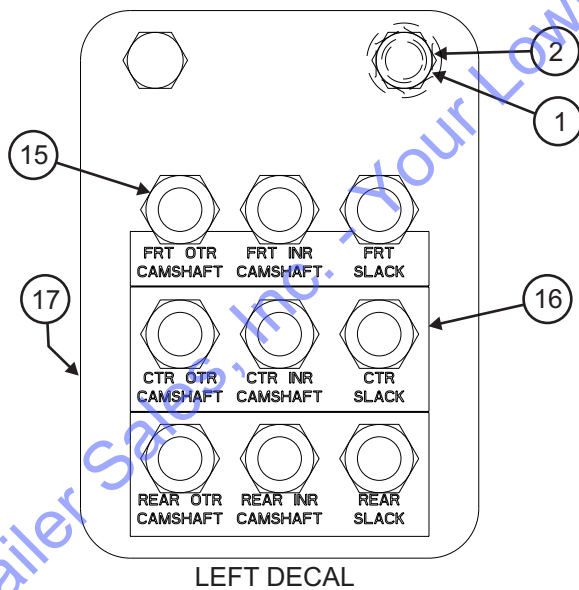
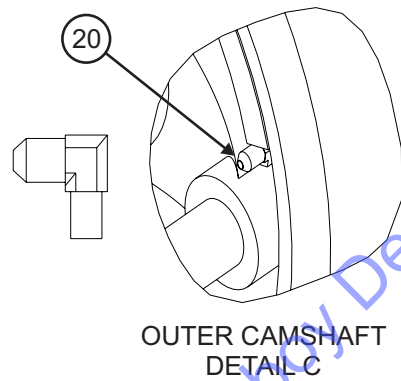
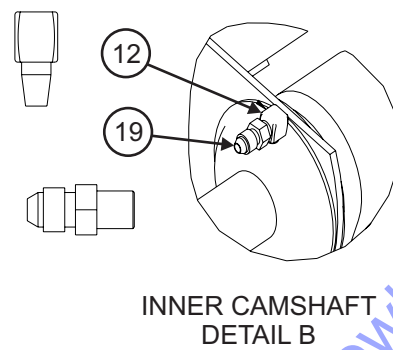
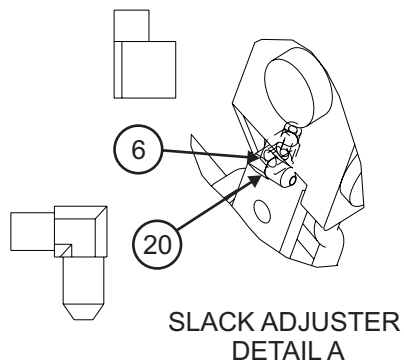


Figure 1-13 Frame Assembly and Grease System (835B - Tandem)
(3 of 5)





DETAIL D

m146912 P2

Figure 1-15 Frame Assembly and Grease System (835B - Triple)
(5 of 5)

FRAME ASSEMBLY AND GREASE SYSTEM (835B)

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 SERR 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 1-35)	1
9	110622	SUSPENSION FASTENER, RLU 250 FMT(SEE PAGE 1-37)	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 WELDMENT BREAKDOWNS, SEE PAGE 1-43)	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
12	121355	ELBOW, 90	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	2021-2-4	ADAPTER, STR	4
20	20242-4S	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

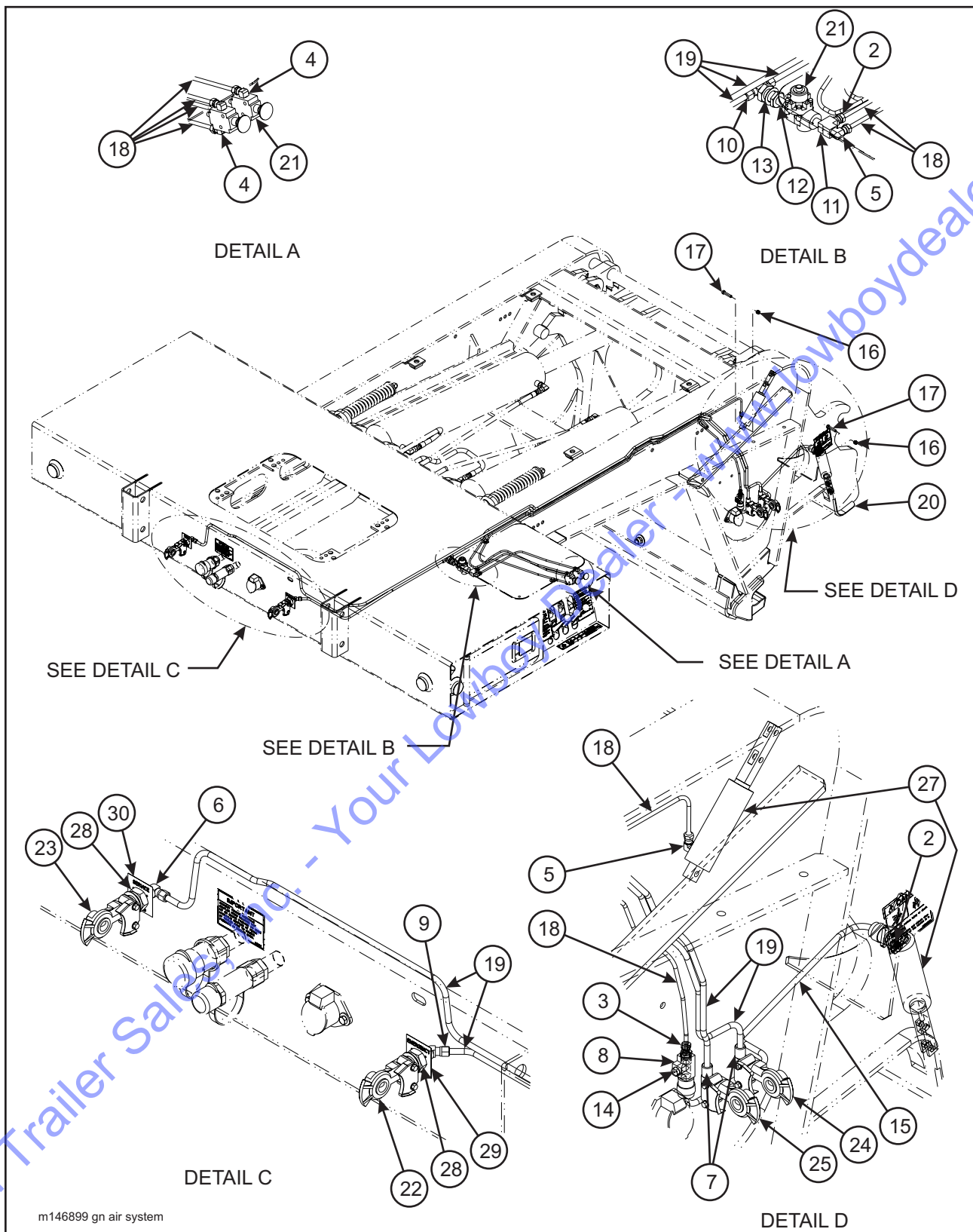
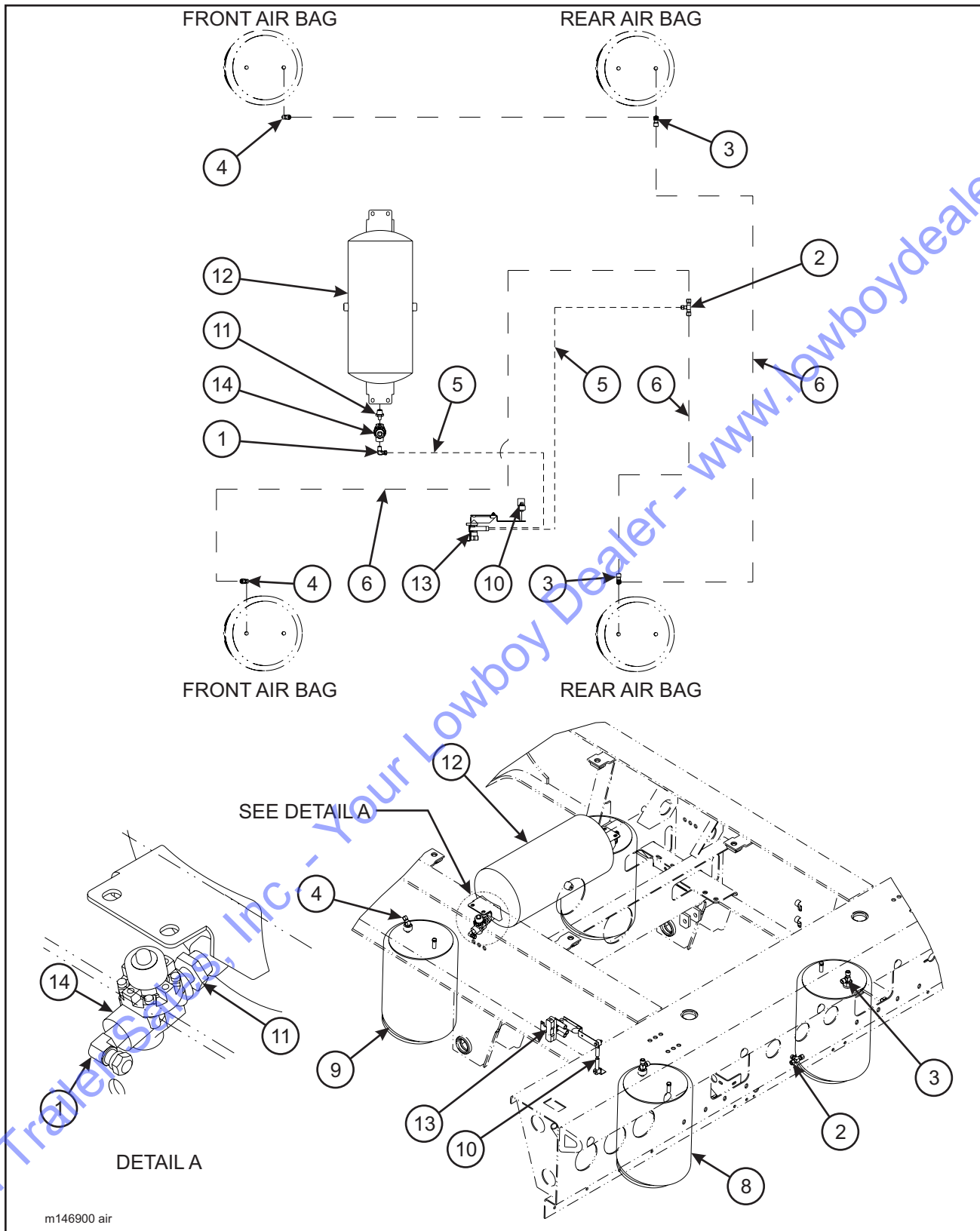


Figure 1-16 Gooseneck Air System

GOOSENECK AIR SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY.
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	105212	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



FRAME ASSEMBLY - AIR RIDE SUSPENSION (825B)

ITEM	PART NO.	DESCRIPTION	QTY.
	146901	FRAME ASSEMBLY 825-23 TANDEM	
	146902	FRAME ASSEMBLY 825-26 TANDEM	
	146903	FRAME ASSEMBLY 825-28 TANDEM	
	146904	FRAME ASSEMBLY 825-30 TANDEM	
	146905	FRAME ASSEMBLY 82530 X-IBM	
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 1-39)	1
8	110618	SUSPENSION FASTENER, RLU 250-9-4 (SEE PAGE 1-35)	REF
9	110622	SUSPENSION FASTENER, RLU 250 FMT (SEE PAGE 1-37)	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

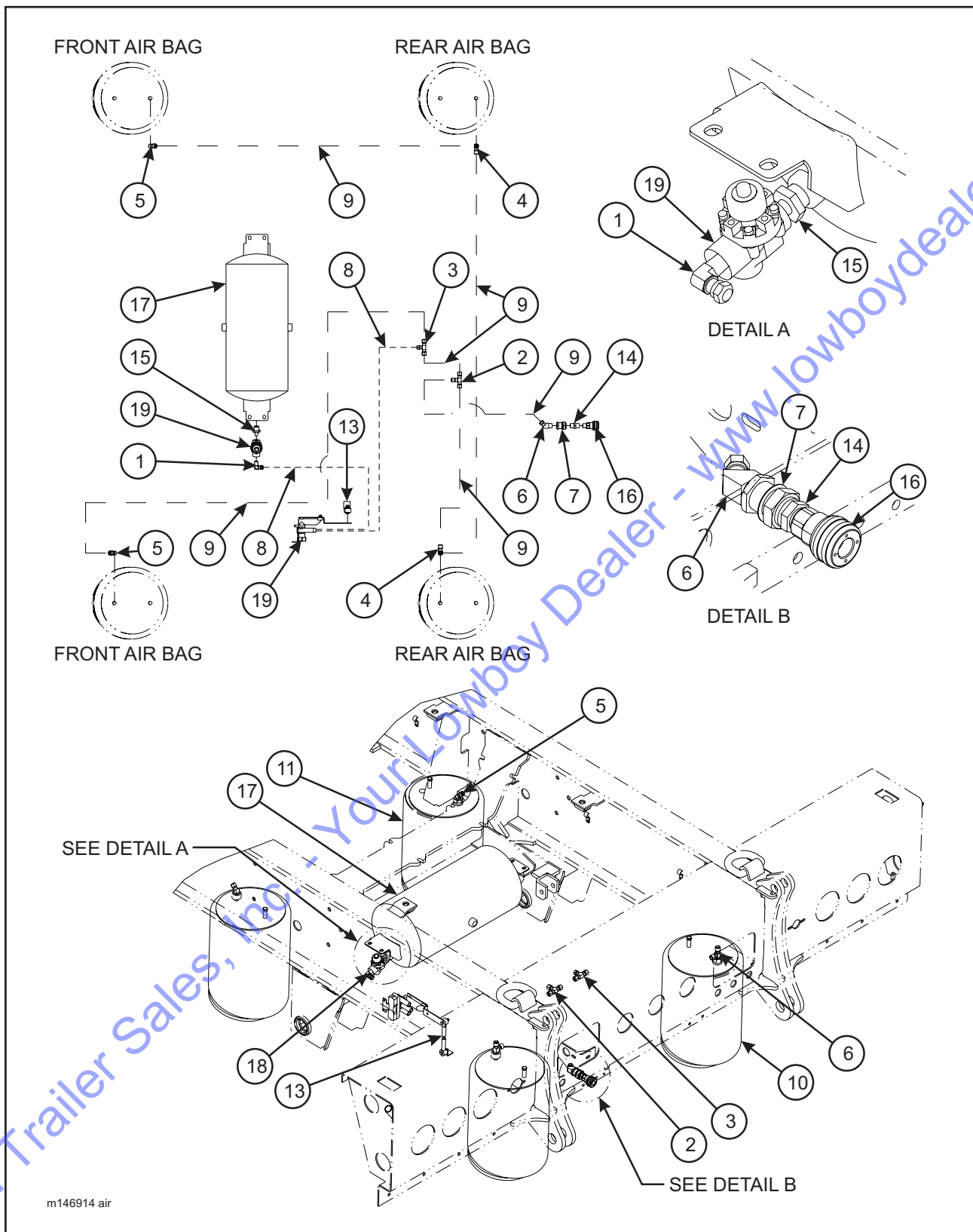


Figure 1-18 Frame Assembly - Air Ride Suspension (835B)

FRAME ASSEMBLY - AIR RIDE SUSPENSION (835B)

ITEM	PART NO.	DESCRIPTION	QTY.
	146910	FRAME ASSEMBLY 835AG-S26 TANDEM	
	146911	FRAME ASSEMBLY 835AG-R26 TANDEM	
	146912	FRAME ASSEMBLY 835AG-R27 TANDEM	
	146913	FRAME ASSEMBLY 83AG-27 TANDEM	
	146914	FRAME ASSEMBLY 835AG-30	
	146918	FRAME ASSEMBLY 835AG-26-53	
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 1-35)	1
11	110622	SUSPENSION FASTENER, RLU 250 FMT(SEE PAGE 1-37)	1
12	102732	AIR CONTROL KIT (SEE PAGE 1-39)	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

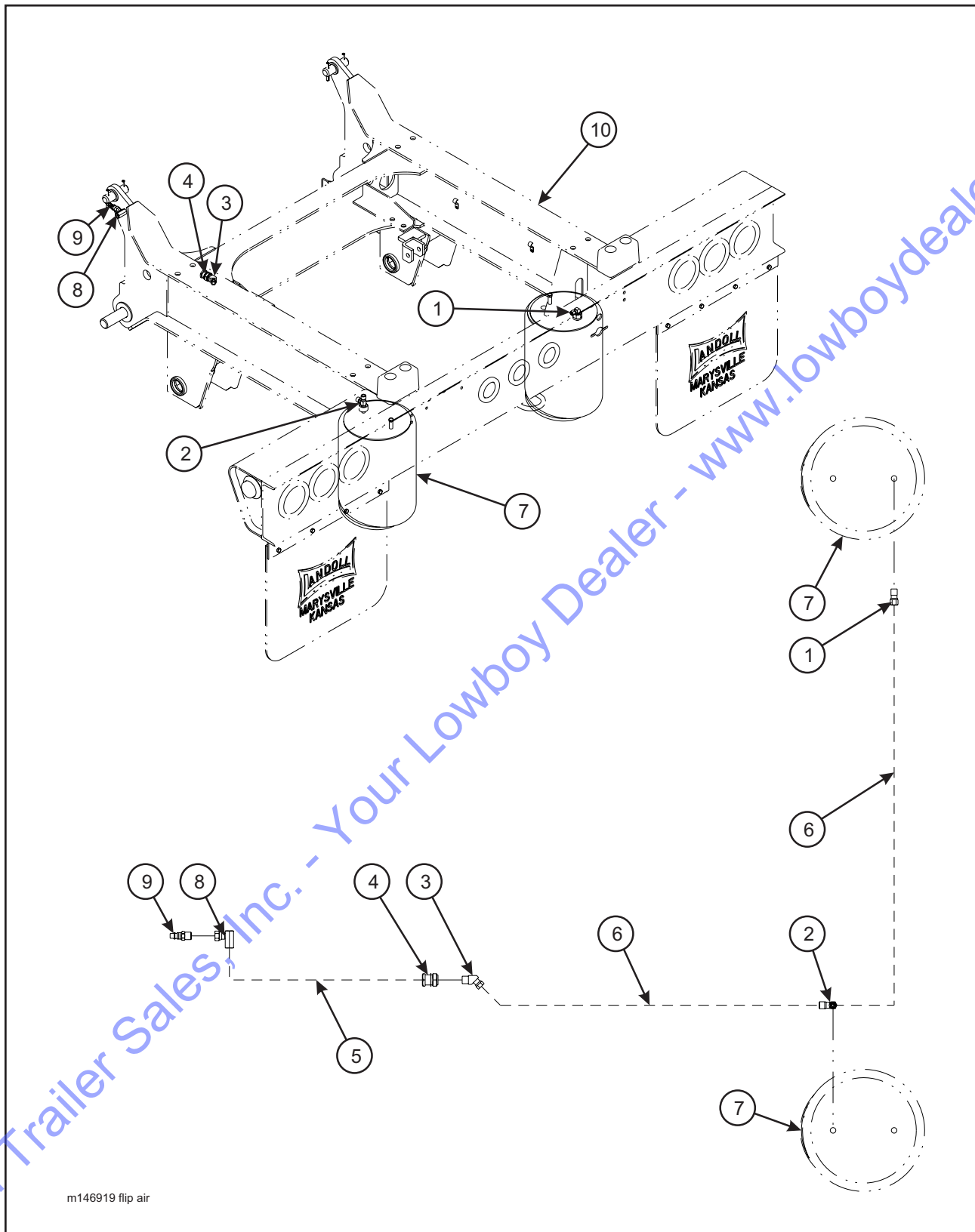


Figure 1-19 Flip Assembly - Air Ride Suspension

FLIP ASSEMBLY - AIR RIDE SUSPENSION

ITEM	PART NO.	DESCRIPTION	QTY.
	146919	FLIP ASSEMBLY 835-60 SPREAD	
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 (60)	1
	1-384-010038038	HOSE, AIR 3/8 X 38 (72)	1
6	1-833-010002	TUBING, NYLON 3/8	AR
7	110618	SUSPENSION FASTENER RLU250-9-4 (SEE PAGE 1-35)	1
8	118-2650-6	SWIVEL, 90	4
9	3-220-010005	COUPLER, AIR MALE	4
10	128739	FLIP WELDMENT 835-60	REF
		FLIP WELDMENT 72 SPREAD	REF

FLIP ASSEMBLY - GREASE SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY.
	146919	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 1-43)	1
3	121355	ELBOW, 90	2
4	142545	NUT, HEX JAM 7/16-20 GRB	6
5	142553	DECAL, GREASE TRL U/C	2
6	142441	HOSE ASSEMBLY, GREASE 1/4 X 45	6
7	2021-2-4	ADAPTER, STRAIGHT	2
8	2024-2-4S	ADAPTER, ELBOW	4

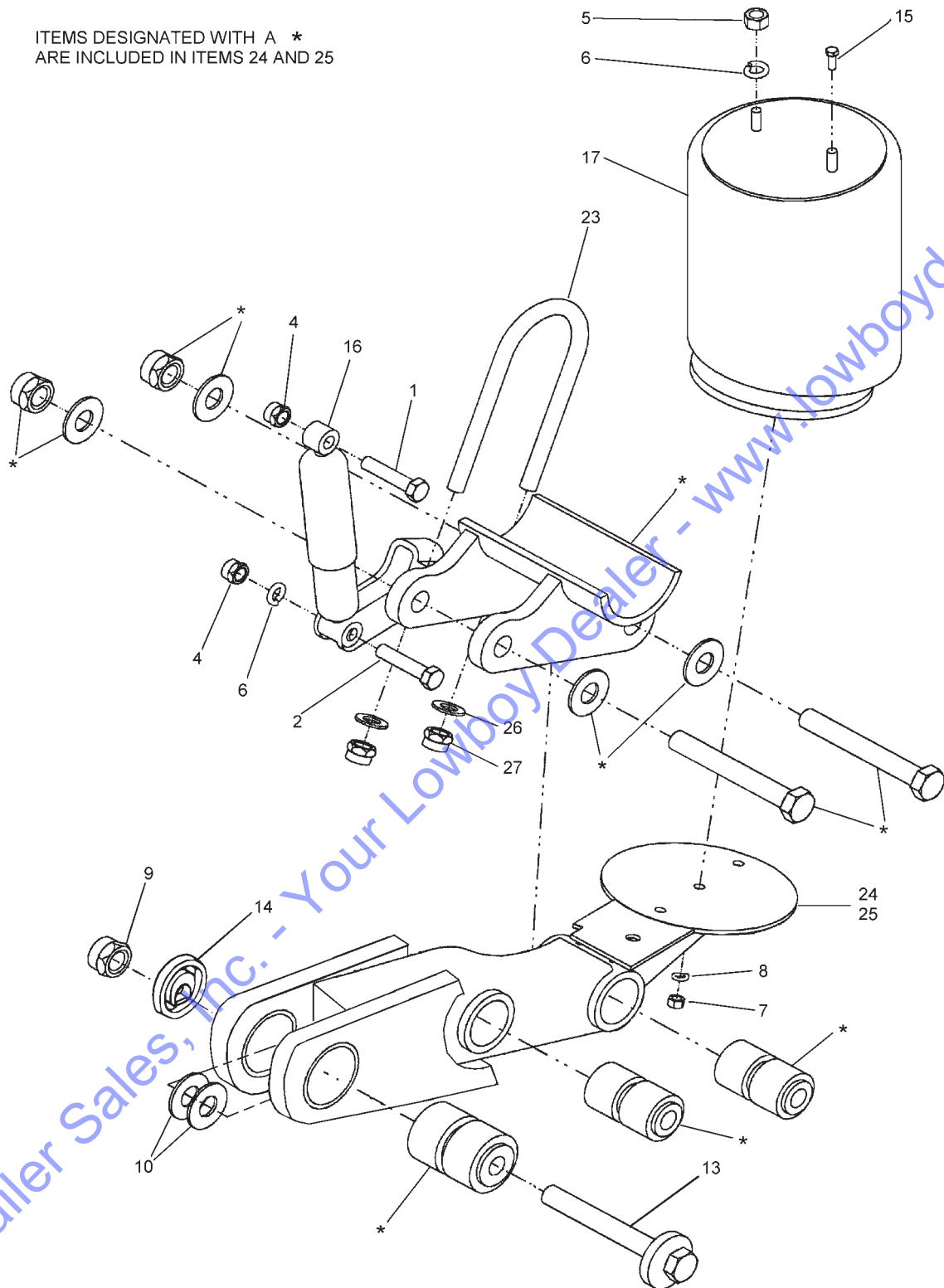
110618



SUSPENSION HANGER RLU 250-9-4

ITEM	PART NO.	DESCRIPTION	QTY
	110618	SUSPENSION, FASTENER RLU 250-9-4	
	110616	SUSPENSION, BEAM RLU 250-9-4 (ITEMS 23-28)	
1	105408	SCREW, HEX HEAD CAP 3/4-10 X 3-1/2(UPR SHK BRKT)	2
2	1-654-010061-13	SCREW, HEX HEAD CAP 3/4-10 X 4 GR5(LWR SHK BRKT)	2
4	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB (UPR/LWR SHCK BRACKET)	4
5	934-00-149	NUT, HEX .75-16 GRB (UPPER AIR SPRING)	2
6	936-00-077	WASHER LOCK .78 (UPPER AIR SPRING)	2
7	1-512-010007-09	NUT, HEX 1/2-13 GRB (LOWER AIR SPRING)	2
8	1-861-010034-13	WASHER, SPLIT LOCK 1/2 (LOWER AIR SPRING)	2
9	934-00-506	NUT, HEX LOCK 1-1/8-7 GRC (FRAME BRACKET)	2
10	111010	WASHER, FLAT 1.141	4
13	905-08-019	ALIGNMENT BLOCK ASSEMBLY (FRAME BRACKET)	2
14	905-08-238	ALIGNMENT BLOCK NON-WELD (FRAME BRACKET)	2
15	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5 (UPR AIR SPG)	2
16	900-44-162	SHOCK	2
17	111036	AIR SPRING	2
19	941-00-684	LITERATURE SPECIFICATIONS NS-65-84 (NOT SHOWN)	1
20	941-00-685	LITERATURE SPECIFICATIONS NS-65-78 (NOT SHOWN)	1
21	941-00-648	LITERATURE FORM 684 (NOT SHOWN)	1
22	941-00-590	LITERATURE LABEL (NOT SHOWN)	1
23	111033	U-BOLT .875-9 X 11 GR8	2
24	111030	BEAM EQUALIZING ASSY W/ AXLE ADAPTER RH	1
25	111031	BEAM EQUALIZING ASSY W/ AXLE ADAPTER LH	1
26	936-00-162	WASHER FLAT .88	4
27	934-00-498	NUT, HEX LOCK .875-9 GRC	4
28	941-00-832	LITERATURE AXLE WELDING (NOT SHOWN)	1
	110-05-099	FASTENER KIT (INCL. ITEMS 1-22)	1

ITEMS DESIGNATED WITH A *
ARE INCLUDED IN ITEMS 24 AND 25



110622

Figure 1-22 Suspension Fastener, AR-80-9 FMT

SUSPENSION HANGER RLU 250 FMT

ITEM	PART NO.	DESCRIPTION	QTY
	110622	SUSPENSION, FASTENER RLU 250 FMT	
	110620	SUSPENSION, BEAM RLU 250 FMT (INCL ITEMS 23-28)	
1	105408	SCREW, HEX HEAD CAP 3/4-10 X 3-1/2(UPR SHK BRKT)	2
2	1-654-010061-13	SCREW, HEX HEAD CAP 3/4-10 X 4 GR5(LWR SHK BRKT)	2
4	1-512-010005-15	NUT, HEX LOCK .75-10 GRB (UPR/LWR SHCK BRACKET)	4
5	934-00-149	NUT, HEX .75-16 GRB (UPPER AIR SPRING)	2
6	936-00-077	WASHER, LOCK .78(UPR AIR SPG/LWR SHOCK BRKT)	2
7	1-512-010007-09	NUT, HEX 1/2-13 GRB (LOWER AIR SPRING)	2
8	1-861-010034-13	WASHER, SPLIT LOCK 1/2 GRB (LOWER AIR SPRING)	2
9	934-00-506	LOCK NUT 1.125-7 GRC	2
10	111037	WEAR WASHER 1.125	4
13	111038	ALIGNMENT BLOCK ASSEMBLY (PIVOT)	2
14	90008186	ALIGNMENT BLOCK NON-WELD (PIVOT)	2
15	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5 (UPR AIR SPG)	2
16	900-44-162	SHOCK	2
17	111036	AIR SPRING	2
20	94100687	LITERATURE SPECIFICATIONS NS-65-84 (NOT SHOWN)	1
21	94100790	LITERATURE LABEL (NOT SHOWN)	1
23	111033	U-BOLT .875-9 X 11 GR8	2
24	*111034	BEAM, EQUALIZING W/ ADAPTERS RH NON-WELD	1
25	*111035	BEAM, EQUALIZING W/ ADAPTERS LH	1
26	936-00-162	WASHER, FLAT .78	4
27	934-00-498	NUT, HEX LOCK .875-9 GRC	4
28	941-00-832	LITERATURE AXLE WELDING (NOT SHOWN)	1
	110-05-104	FASTENER KIT (INCL. ITEMS 1-21)	1

* FOR 835 TRAILER, THE SHOCK MOUNT ON BEAMS GET MODIFIED PER PRINT 115751, USING THE FOLLOWING PARTS.

112488	GUSSET RLU250 SHOCK FRONT	2
112489	GUSSET RLU250 SHOCK REAR	2
113292	BRACKET, SHOCK MOUNT	2
RRRCF502 X 1.75	BAR, ROUND 3/8 X 1-3/4	2

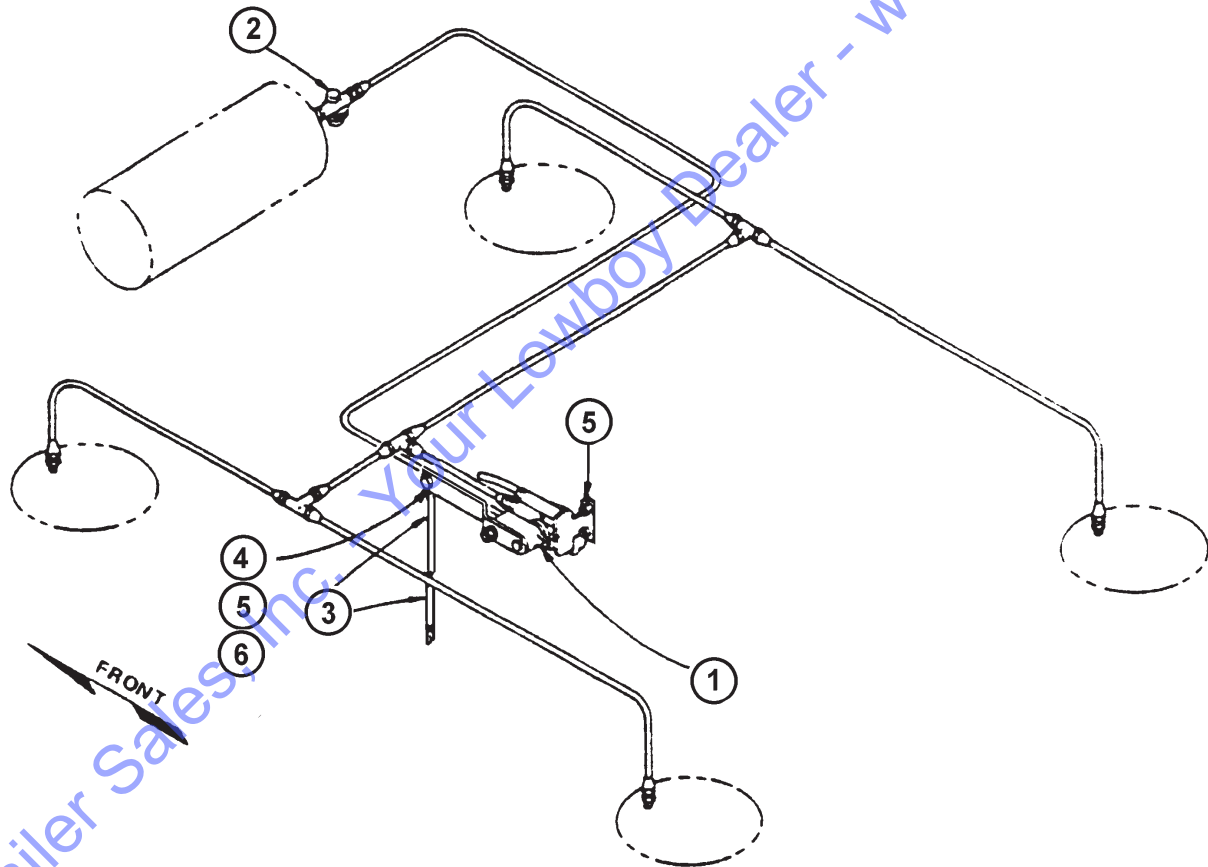
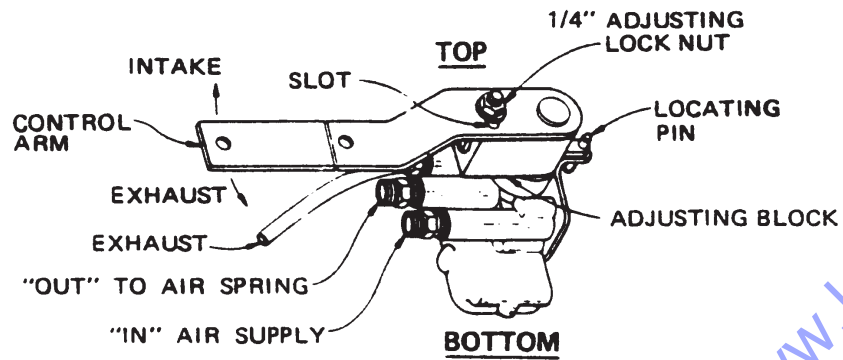


Figure 1-23 Air Control Kit

AIR CONTROL KIT (USED W/ RLU-250 SUSPENSION)

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 (ADJ. LINK ASSY)	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	941 00 119	DECAL (OPERATING)	1
7	941 00 466	HEIGHT CONTROL INSTRUCTIONS (NOT SHOWN)	1

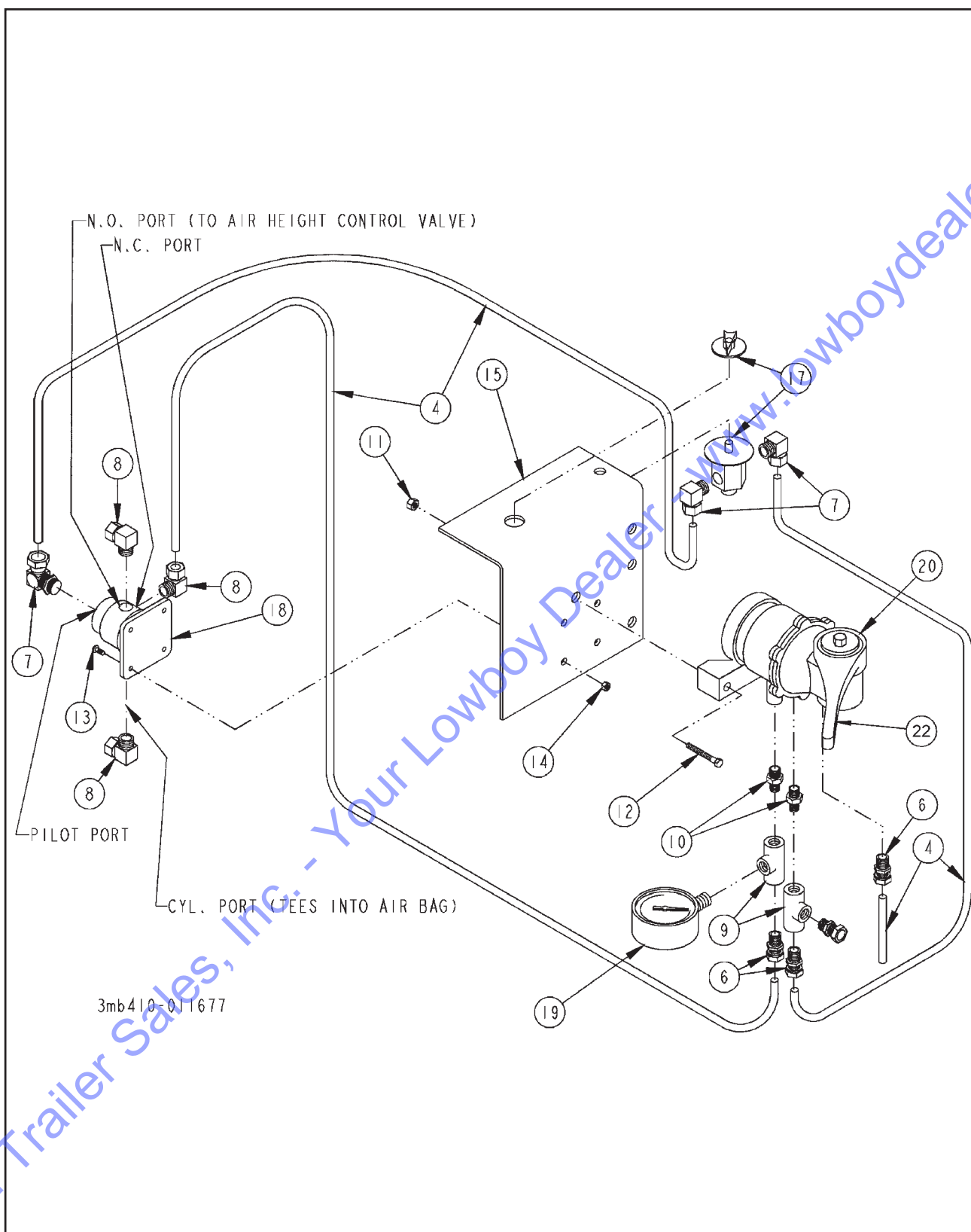


Figure 1-24 Manual Air Height Control Assembly (Option)

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	900-54-280	AIR GAUGE	1
20	900-54-082	HAND CONTROL VALVE	1
21	900-44-206	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

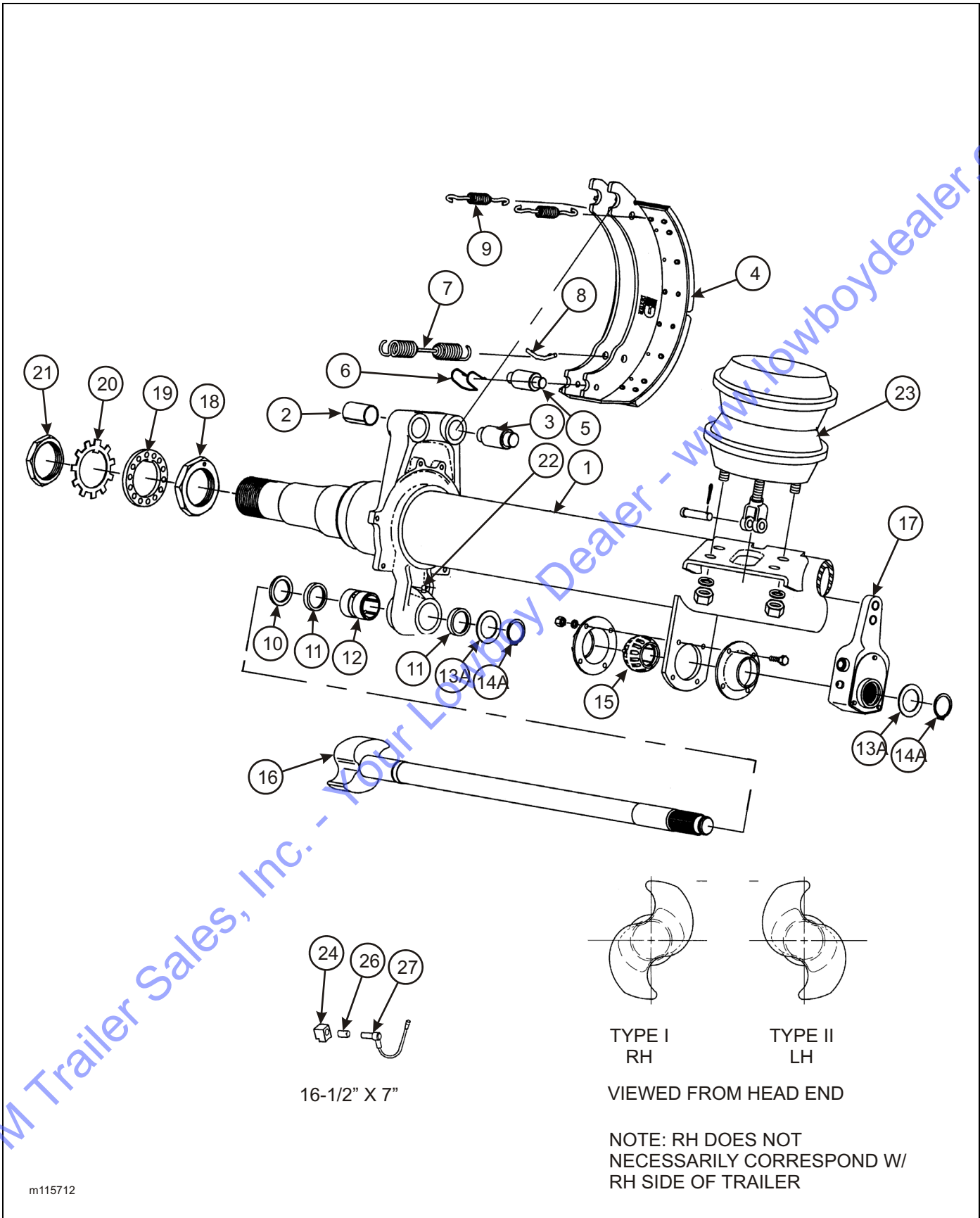


Figure 1-25 Axle and Brake Assembly

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	128550	097-003-00	ABS SENSOR, 90	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

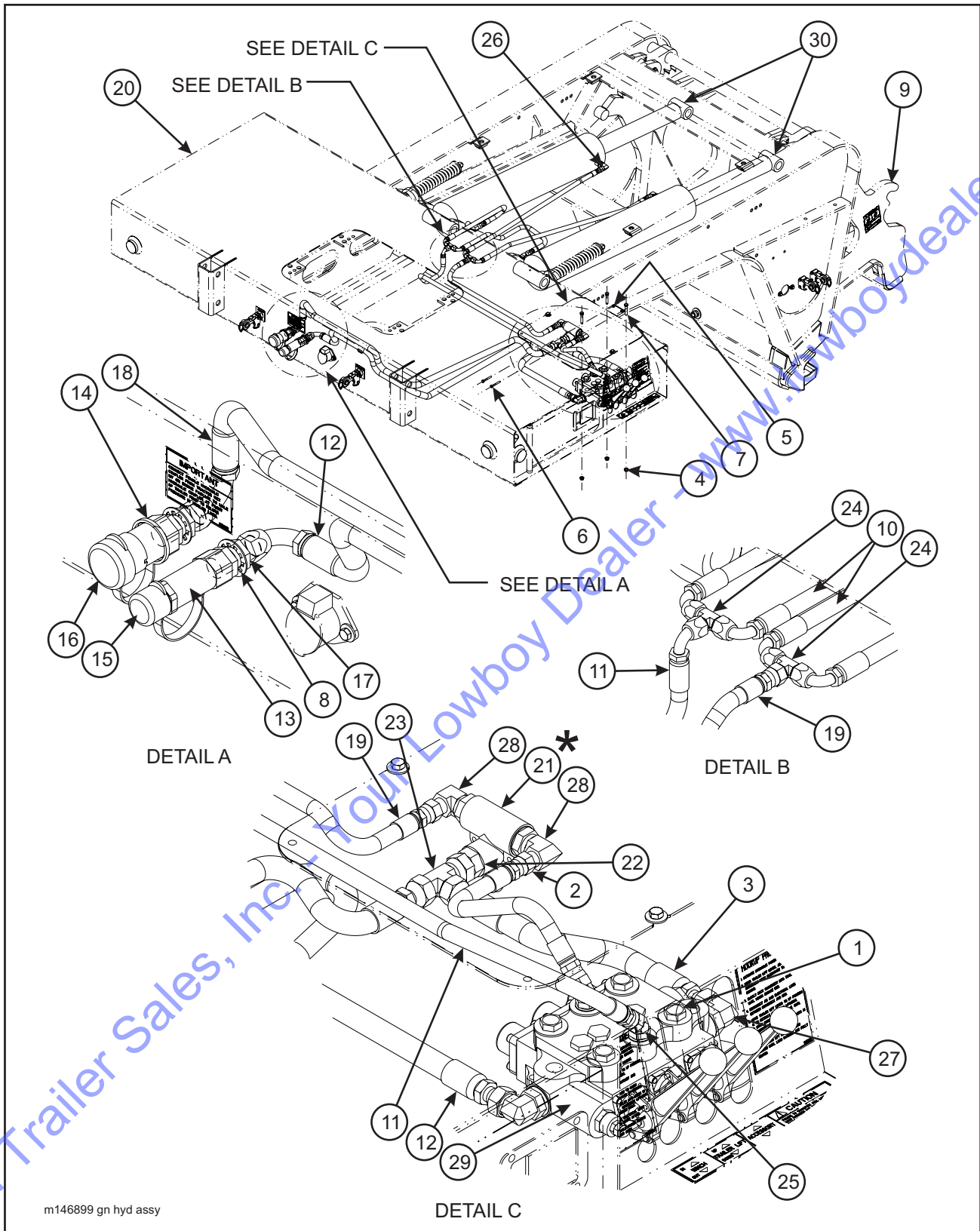


Figure 1-26 Gooseneck Hydraulic System (825B)

GOOSENECK HYDRAULIC SYSTEM (825B)

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	1-397-010304025	HOSE ASSEMBLY 3/4 X 25	1
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	1-654-010047-10	SCREW, HEX HEAD CAP 1/4-20 X 2 GR5	2
7	1-654-010051-09	SCREW, HEX HEAD CAP 3/8-16 X 2 GR5	3
8	1-861-010059-21	WASHER, LOCKING INT TOOTH 1-1/8	2
9	105212	CARRIER WELDMENT	REF
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	125872	HOSE ASSEMBLY 1/2 X 54	1
20	131900	GOOSENECK WELDMENT	REF
21	*138712	VALVE, HYDRAULIC PRESSURE RELIEF 1500	1
22	202702-12-12S	ADAPTER, STR	1
23	203102-12-12S	ADAPTER TEE SWIVEL	1
24	2033-8-8S	ADAPTER TEE	2
25	2061-8-8S	ADAPTER, 45	2
26	2062-10-8S	ADAPTER, 90	4
27	2062-12-12S	ADAPTER, 90	2
28	2062-12-8S	ADAPTER, 90	2
29	3-846-010159	VALVE, 3 SPOOL 2500 PSI (SEE PAGE 1-51)	1
30	138711	CYLINDER, HYDRAULIC 6 X 30 (SEE PAGE 1-49)	REF

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

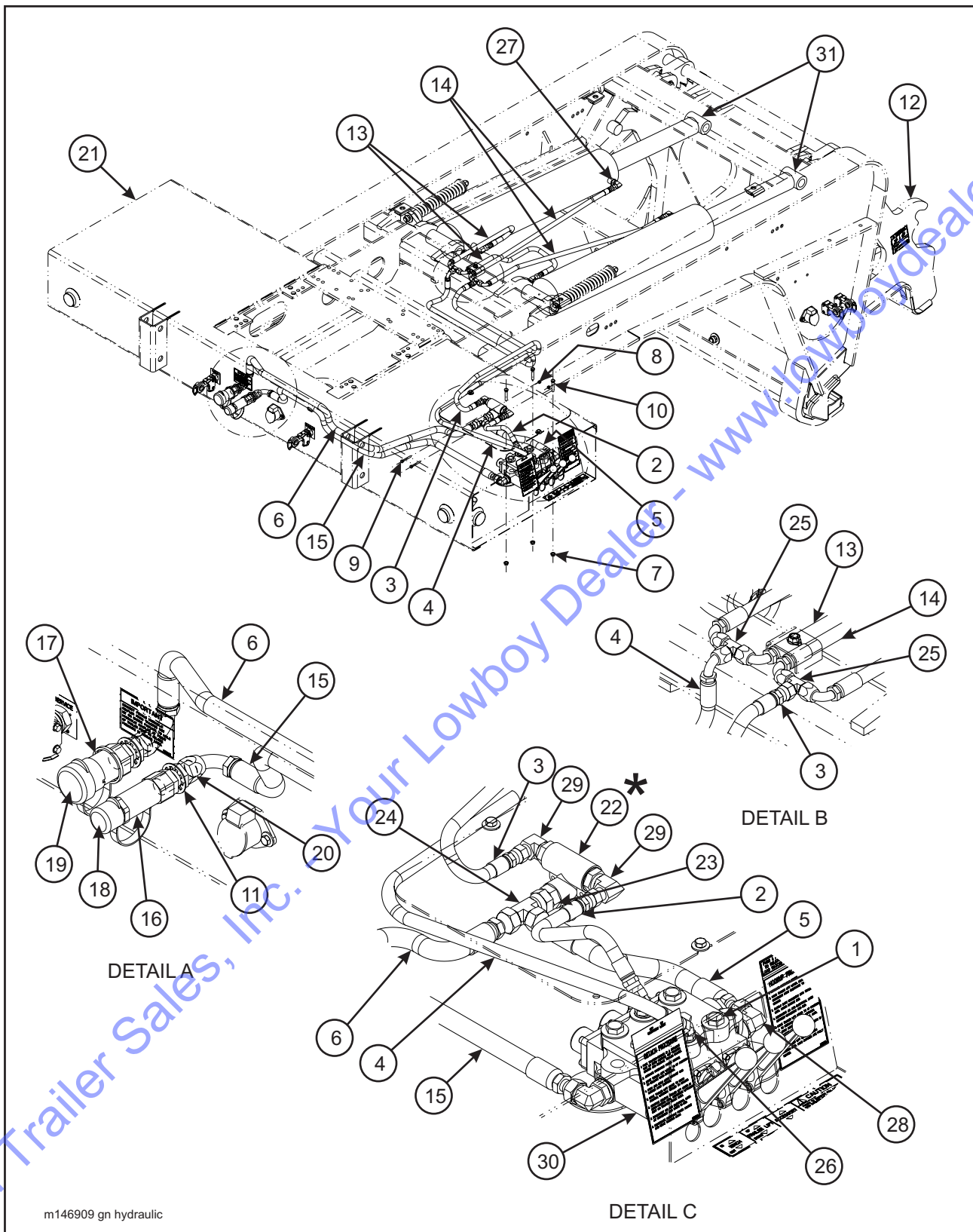
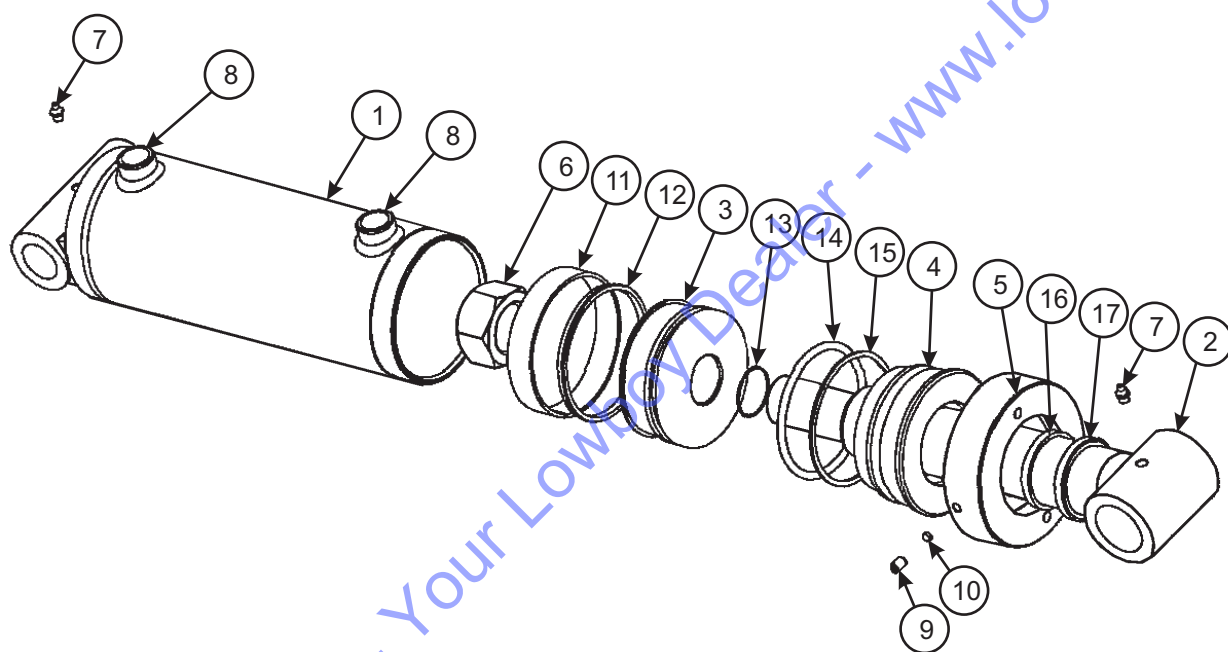


Figure 1-27 Gooseneck Hydraulic System (835B)

GOOSENECK HYDRAULIC SYSTEM (835B)

ITEM	PART NO.	DESCRIPTION	QTY.
	146909	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	1-397-010301054	HOSE ASSEMBLY 1/2 X 54	1
4	1-397-010302078	HOSE ASSEMBLY 1/2 X 78	1
5	1-397-010304025	HOSE ASSEMBLY 3/4 X 25	1
6	1-397-0100305060	HOSE ASSEMBLY 3/4 X 60	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	105212	CARRIER WELDMENT	REF
13	105274	HOSE ASSEMBLY 1/2 X 34	2
14	105275	HOSE ASSEMBLY 1/2 X 45	3
15	105276	HOSE ASSEMBLY 3/4 X 52	1
16	105479	COUPLER, FLAT FACE MALE NOSE	1
17	105480	COUPLER, FLAT FACE FEMALE BODY	1
18	105481	COUPLER, DUST CAP MALE	1
19	105482	COUPLER, DUST CAP FEMALE	1
20	105483	ADAPTER, BULKHEAD	2
21	128709	GOOSENECK WELDMENT	REF
22	*138712	VALVE, HYDRAULIC PRESSURE RELIEF 1500	1
23	202702-12-12S	ADAPTER, STR	1
24	203102-12-12S	ADAPTER TEE SWIVEL	1
25	2033-8-8S	ADAPTER TEE	2
26	2061-8-8S	ADAPTER, 45	2
27	2062-10-8S	ADAPTER, 90	4
28	2062-12-12S	ADAPTER, 90	2
29	2062-12-8S	ADAPTER, 90	2
30	3-846-010159	VALVE, 3 SPOOL 2500 PSI (SEE PAGE 1-51)	1
31	138711	CYLINDER, HYDRAULIC 6 X 30 (SEE PAGE 1-49)	REF

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



m138711

Figure 1-28 Cylinder 6 X 30

CYLINDER 6 X 30

ITEM	PART NO.	DESCRIPTION	QTY.
	138711	CYLINDER HYDRAULIC 6 X 30	
1	148137	BUTT AND TUBE ASSEMBLY	1
2	140319	PISTON ROD ASSEMBLY	1
3	148138	PISTON	1
4	148139	GLAND	1
5	148140	GLAND CAP	1
6	116606	LOCKNUT	1
7	148141	GREASE ZERK	2
8	148142	PORT PLUG	2
9	148143	SET SCREW	1
10	148144	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

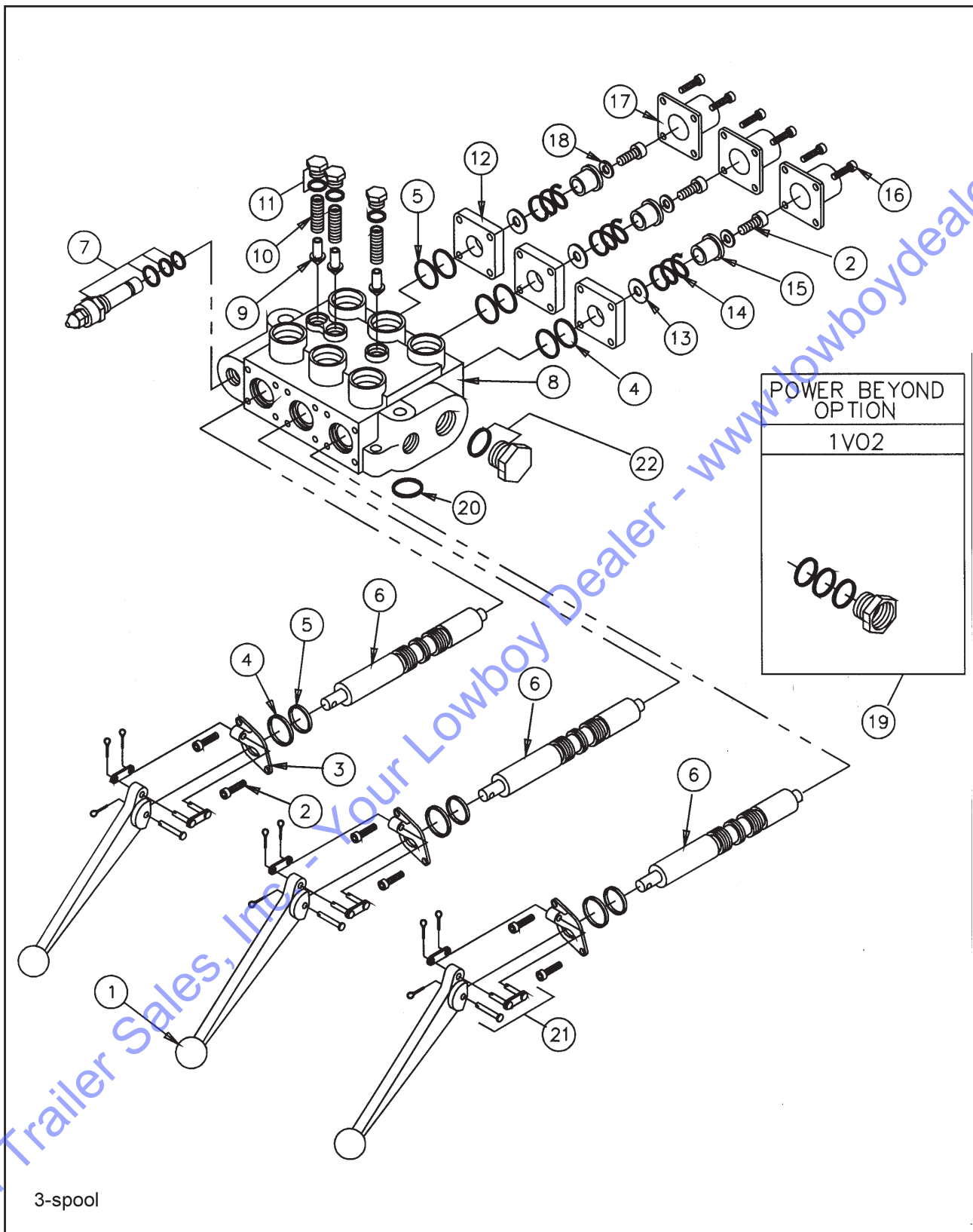


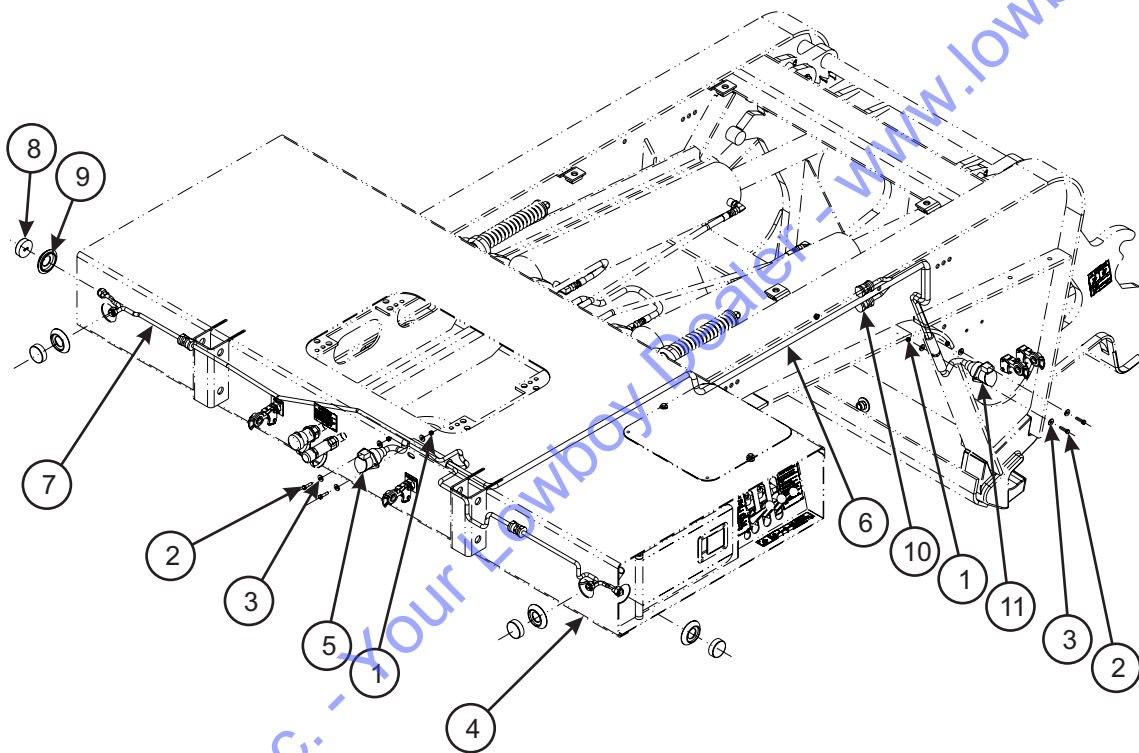
Figure 1-29 Three Spool Valve

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	2A283-7214	GROMMET, RUBBER (BOTTOM OUTLET)	1
21	1V1701	PIN KIT	3
22	2A0354-121	PLUG, CONVERSION	1
	2V0010	SEAL KIT	

* NOT SOLD SEPARATELY.

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



m146899 gn elect assy

Figure 1-30 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	2
8	143109	LIGHT, YELLOW LED 2.5 CL/MARKER	8
9	143110	GROMMET, 2.5 SURFACE MOUNT	11
10	143121	DUMMY PLUG MALE/FEM BULLET	REF
11	146897	HARNESS, 7 WAY RECP REAR GROTE	1

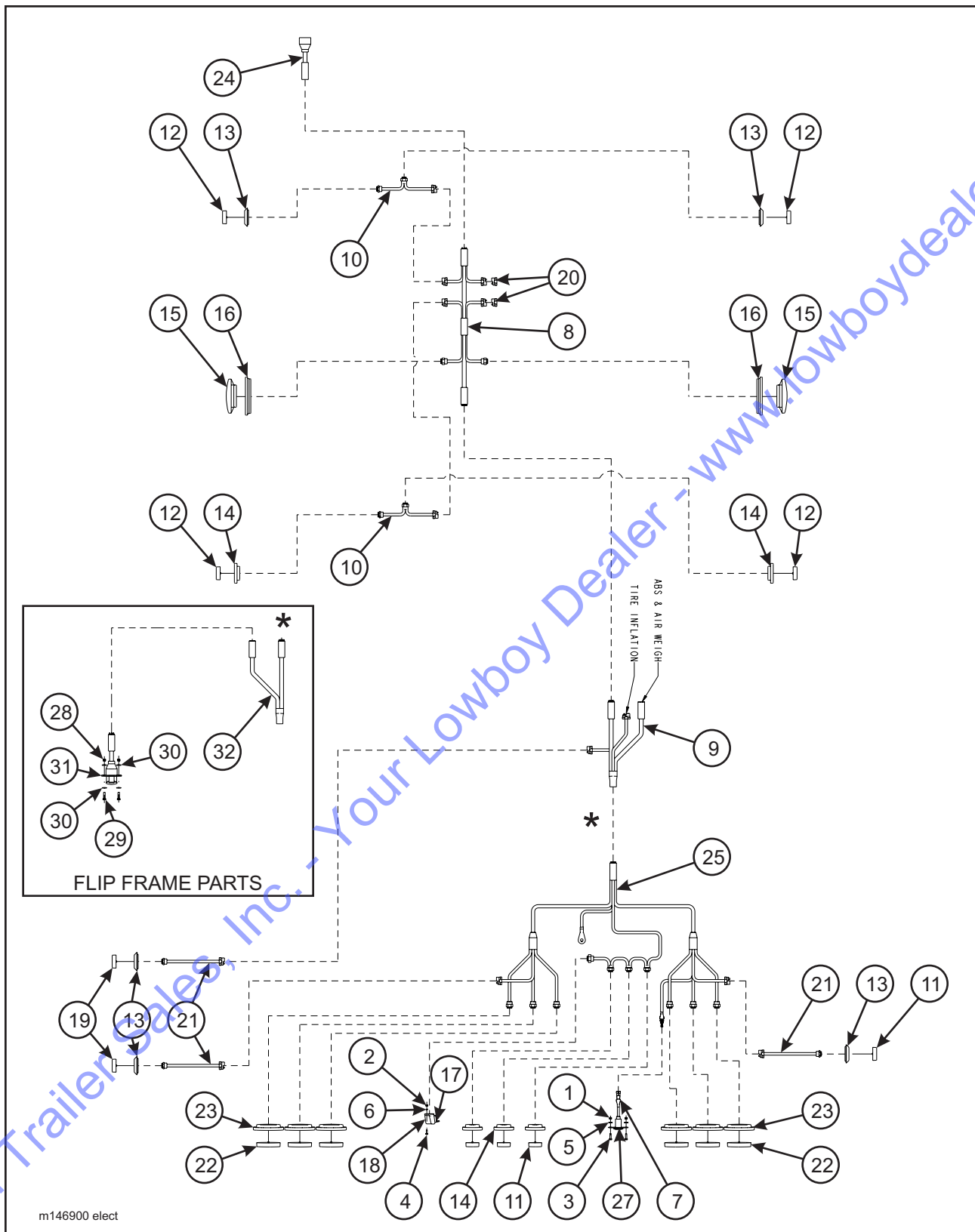
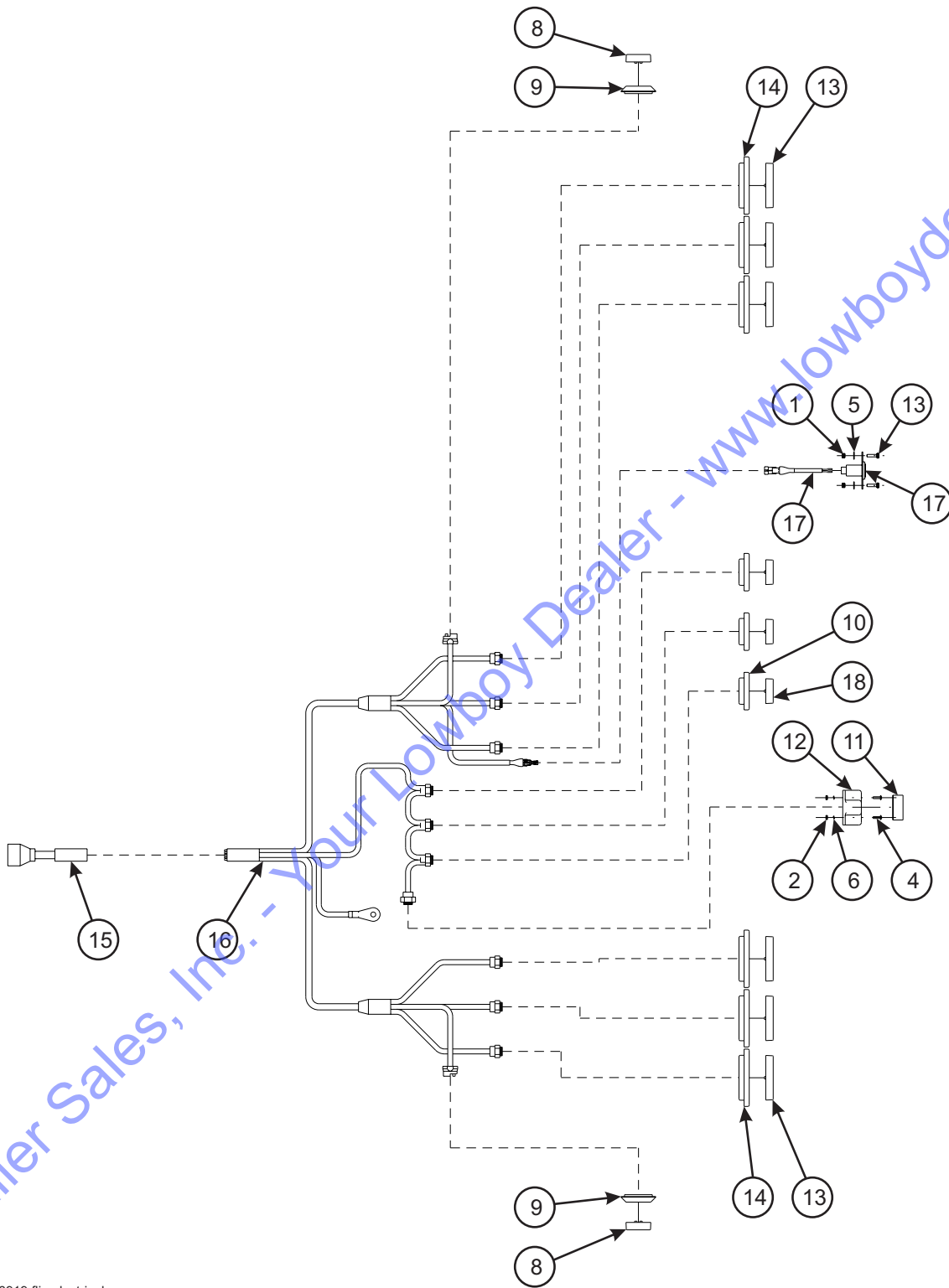


Figure 1-31 Frame Electrical System

FRAME ELECTRICAL SYSTEM

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	140019	HARNESS ASSEMBLY, REAR 4WAY RECEPTACLE	1
8	143102	HARNESS, BED MAIN	1
9	143103	HARNESS, E-CHAIN	1
10	143106	HARNESS, MARKER FRONT BED	1
11	143108	LIGHT, RED LED 2.5 CL/MARKER	2
12	143109	LIGHT, YELLOW LED 2.5 CL/MARKER	8
13	143110	GROMMET, 2.5 SURFACE MOUNT	11
14	143111	GROMMET, 2.5 RECESSED MOUNT	4
15	143112	LIGHT, YEL AUX 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 LED 4" S/T/T	6
23	144680	GROMMET, 4 IN ROUND	6
24	146898	HARNESS, 7 WAY PLUG G/N	1
25	146926	HARNESS, BUMPER MOD	1
26	3-201-010002	CONDUIT 3/8 PLASTIC FLEX (NOT SHOWN)	8
27	3-272-010003	4 POLE ELECTRICAL FEMALE CONNECTOR	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
32	146929	HARNESS, Y SPLITTER	1



m146919 flip electrical

Figure 1-32 Flip Axle Electrical System (835B)

FLIP AXLE ELECTRICAL SYSTEM (835B)

ITEM	PART NO.	DESCRIPTION	QTY
	146919	FLIP ASSY 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	140019	HARNESS ASSEMBLY, REAR 4WAY RECEPTACLE	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	143117	LIGHT, CLEAR LED LICENSE	1
12	143118	BRACKET, LIGHT LICENSE	1
13	144679	LIGHT, RED LED 4" S/T/T	6
14	144680	GROMMET, 4 IN ROUND	6
15	146898	HARNESS, 7 WAY PLUT G/N	1
16	146926	HARNESS, BUMPER MOD	1
17	3-272-010003	4 POLE ELECTRICAL FEMALE CONNECTOR	1

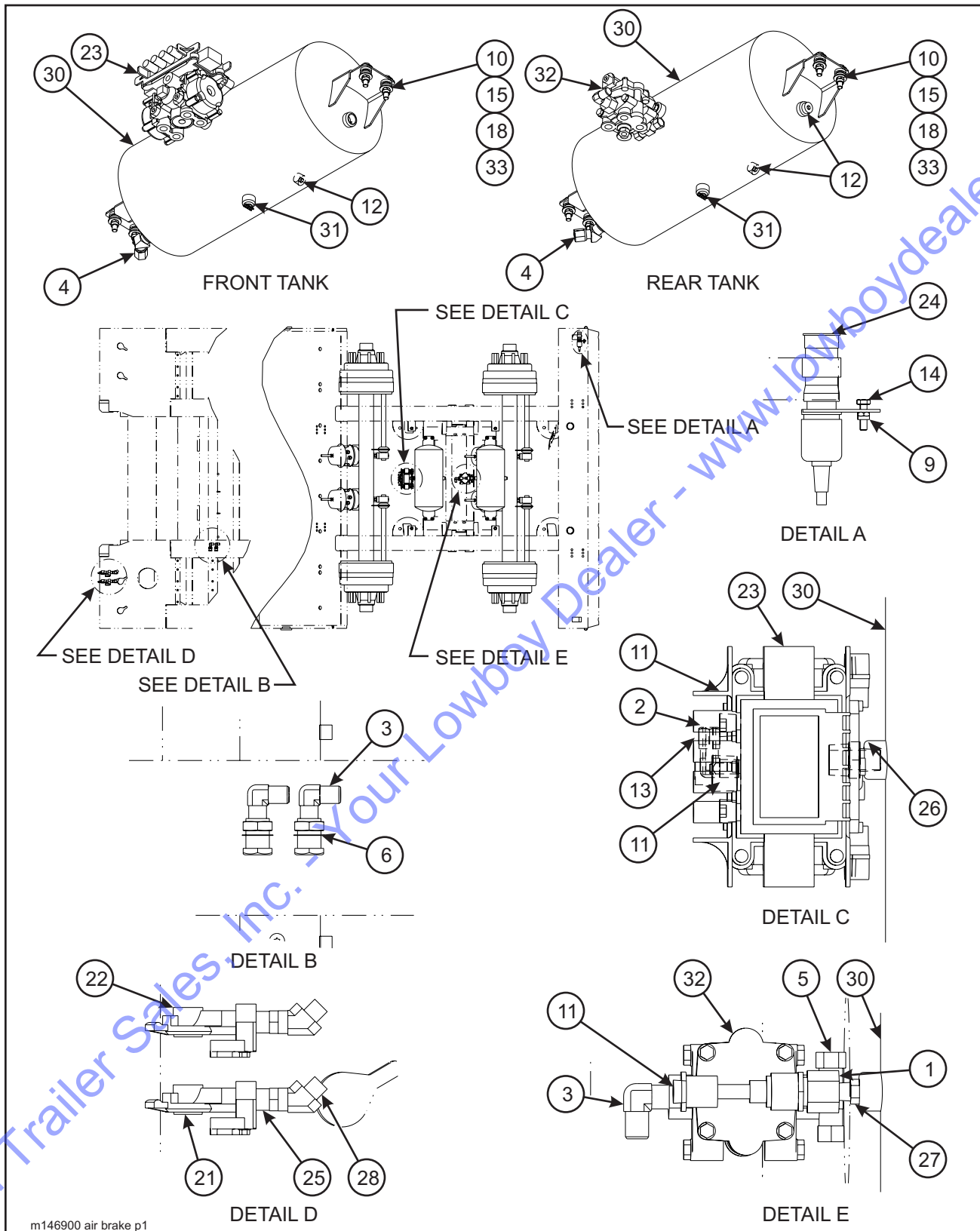


Figure 1-33 Air Brake System (825B)

(1 of 2)

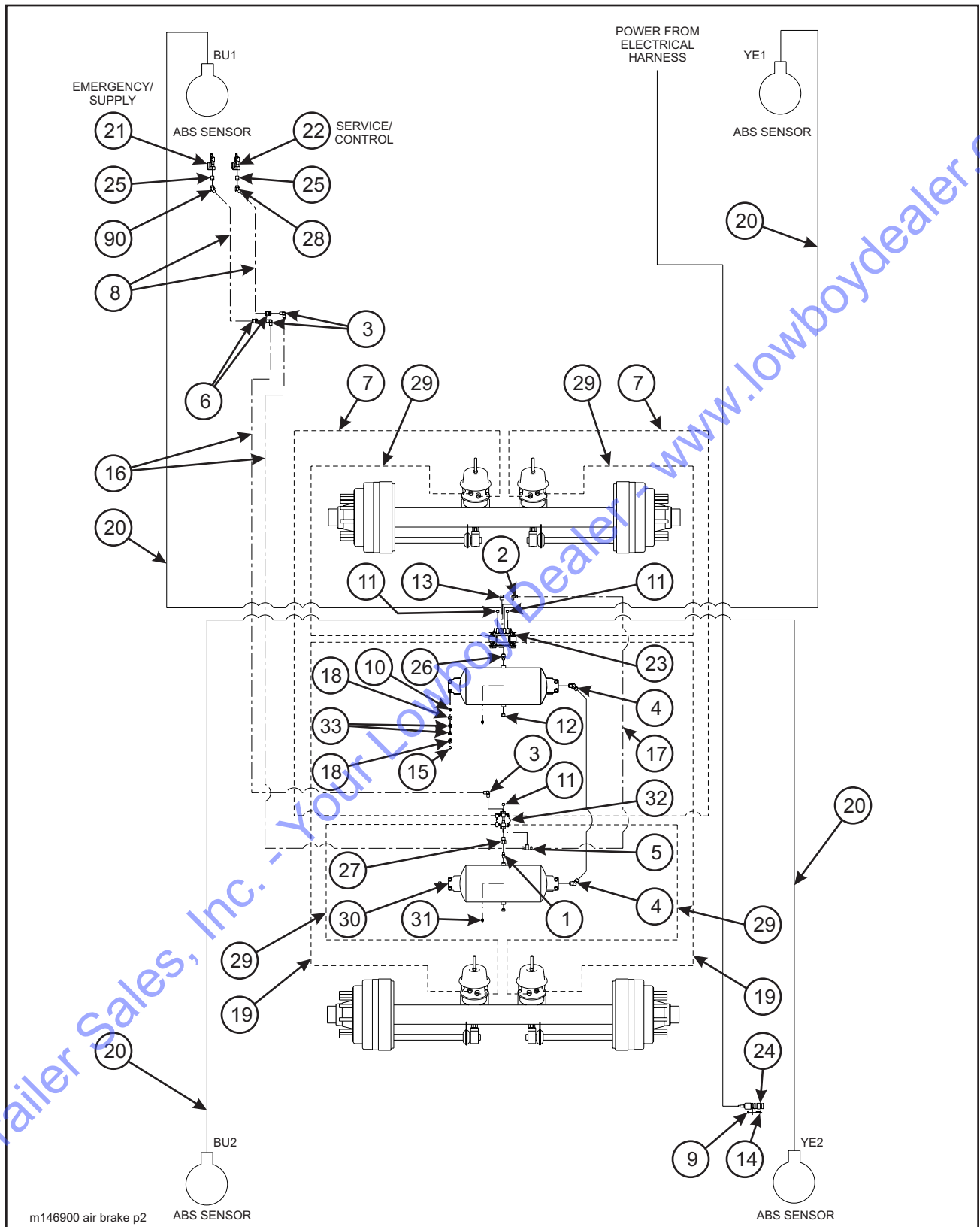


Figure 1-34 Air Brake System (825B)

(2 of 2)

AIR BRAKE SYSTEM (825B)

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 1/2	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 1-75)	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

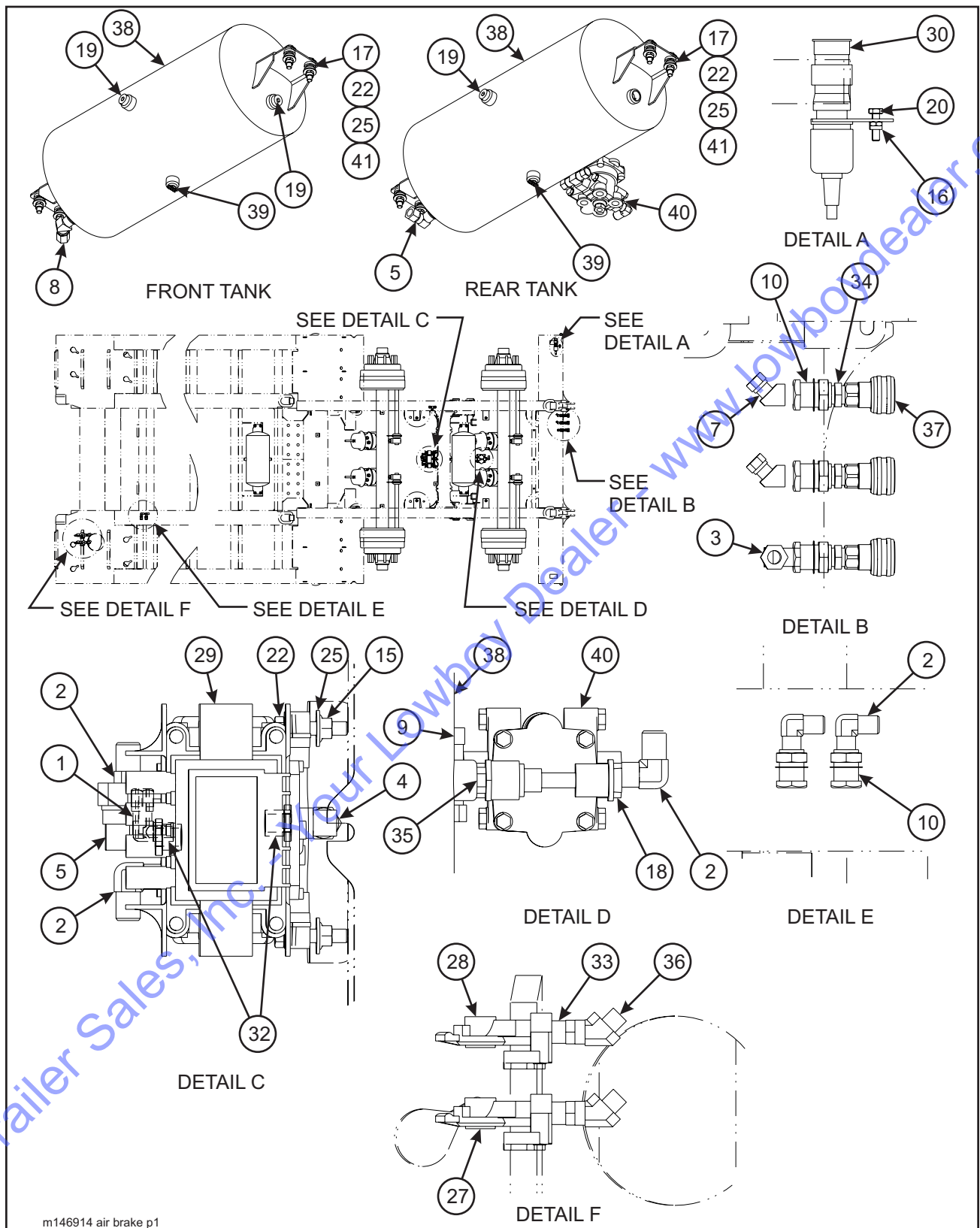


Figure 1-35 Air Brake System (835B)

(1 of 2)

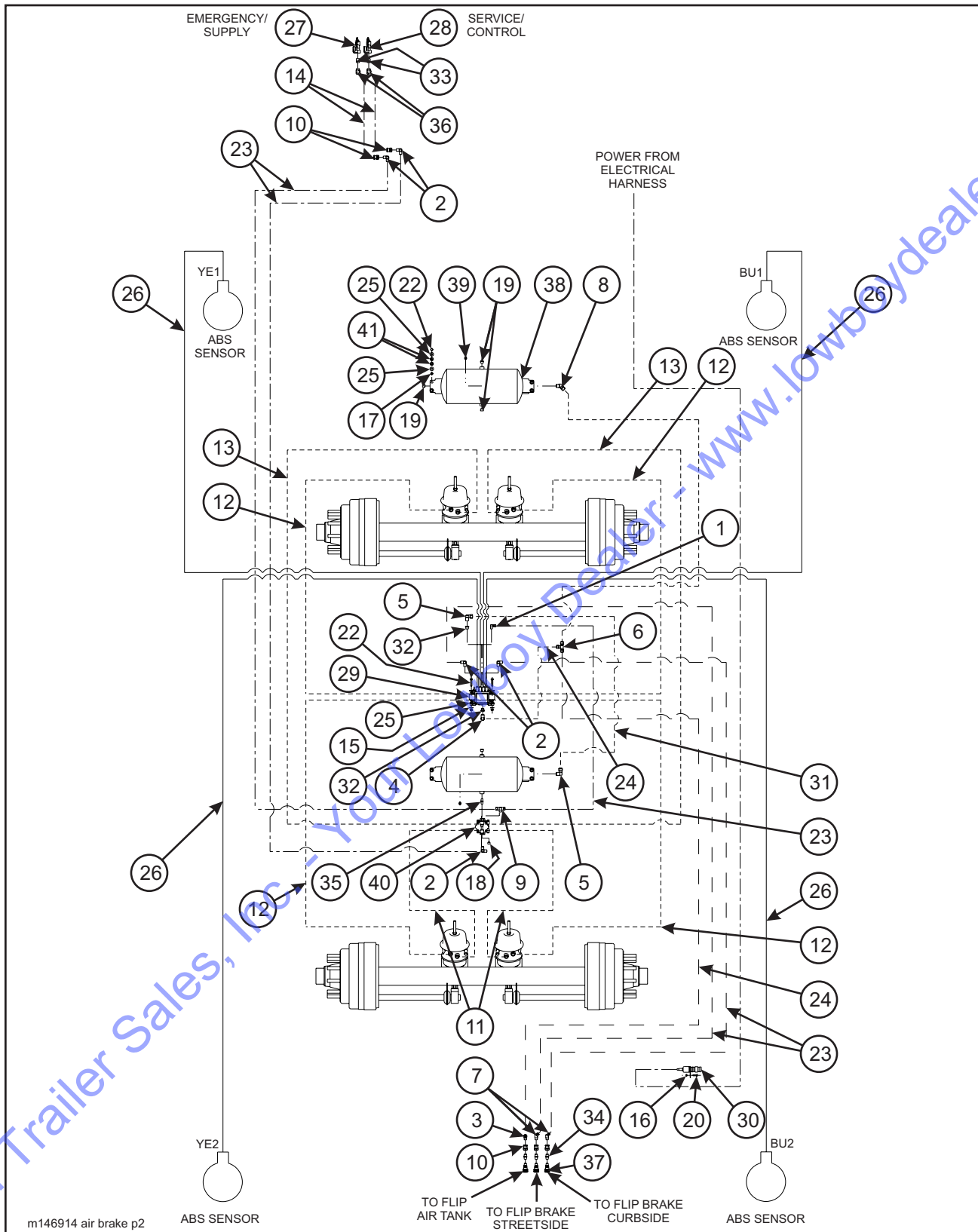


Figure 1-36 Air Brake System (835B w/ Flip Provision)

(2 of 2)

AIR BRAKE SYSTEM (835B 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	1
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	3
12	1-384-010038038	HOSE, AIR 3/8 X 38	*2,4
13	1-384-010038060	HOSE, AIR 3/8 X 60	2
14	1-384-010038084	HOSE, AIR 3/8 X 84	2
15	1-510-010001	NUT, FLANGE HEAD SERR 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	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	8
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 1-75)	1
	114586	ABS KIT 4S/2M TRI/SPREAD (SEE PAGE 1-75)	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
41	805-2	BUSHING, STEP	16

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

SEE DETAIL C

SEE DETAIL B

FRONT TANK

SEE DETAIL E

REAR TANK

SEE DETAIL D

SEE DETAIL A

m146910 air brake p1

Figure 1-37 Air Brake System (835B Spread Axle)

(1 of 3)

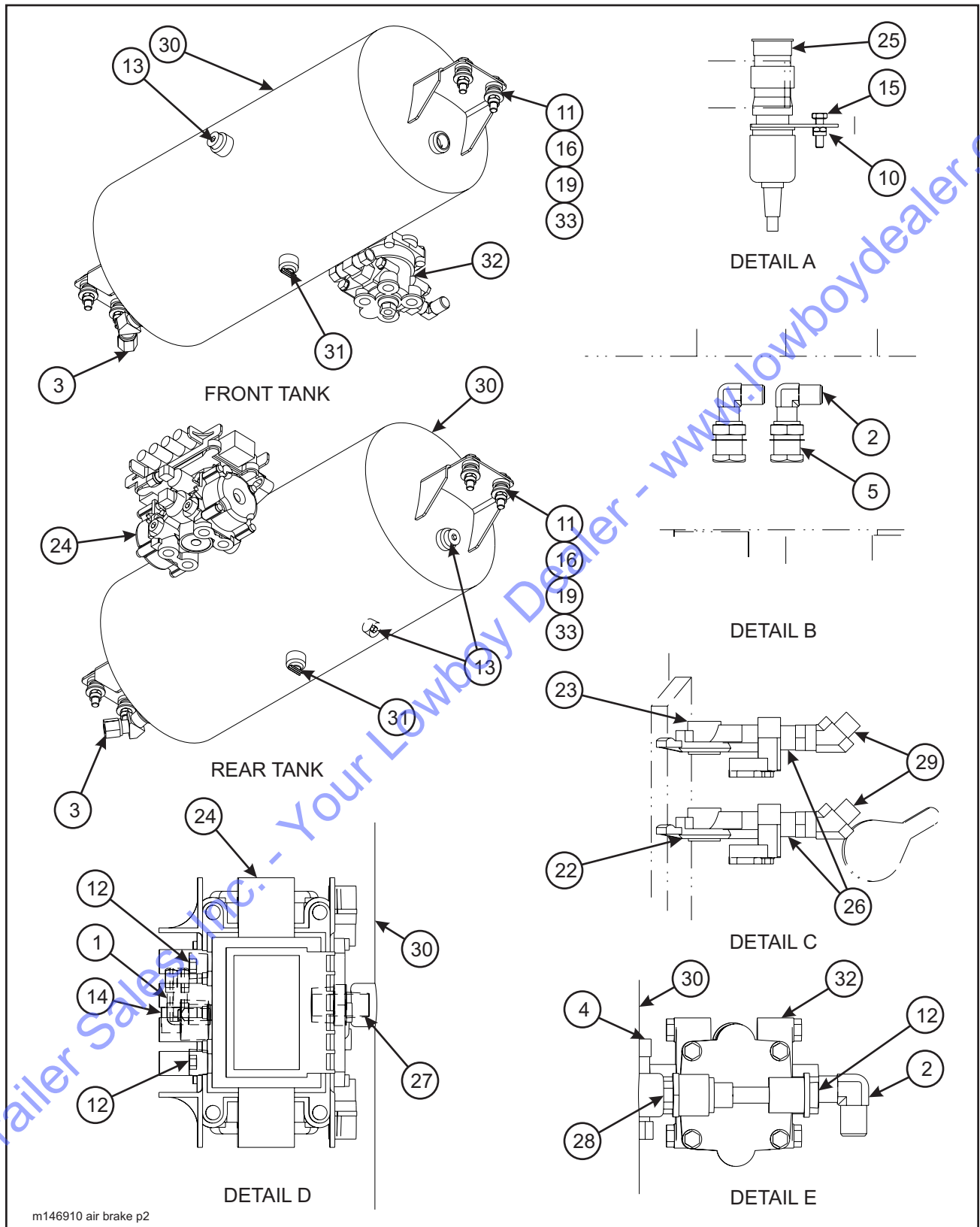


Figure 1-38 Air Brake System (835B Spread Axle)

(2 of 3)

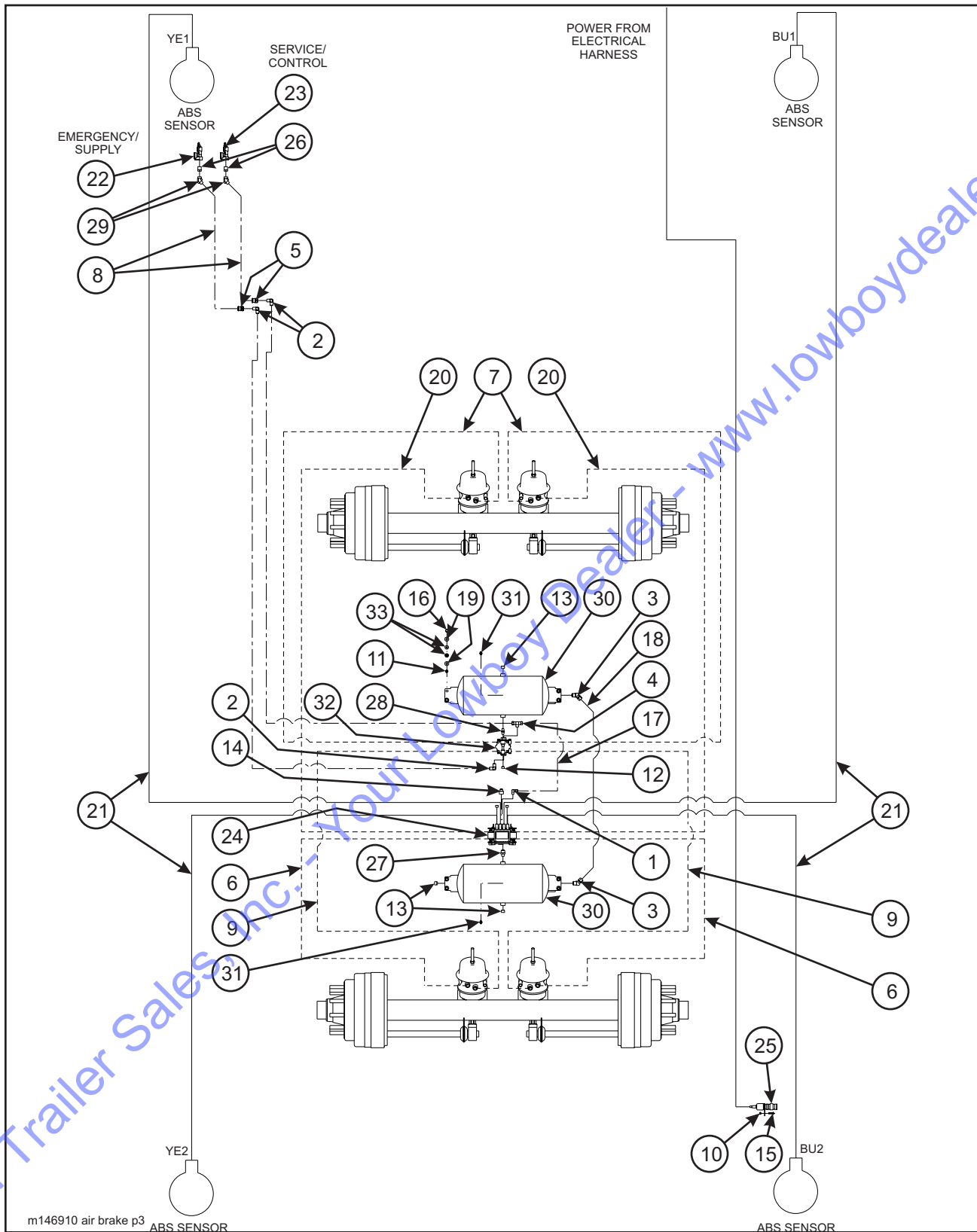


Figure 1-39 Air Brake System (835B Spread Axle)

(3 of 3)

AIR BRAKE SYSTEM (835B 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	1-384-010038084	HOSE, AIR 3/8 X 84	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 1-75)	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

SEE DETAIL C

SEE DETAIL B

FRONT TANK

CENTER TANK

SEE DETAIL D

SEE DETAIL E

REAR TANK

SEE DETAIL A

m146911 air brake p1

Figure 1-40 Air Brake System (835B Triple Axle)

(1 of 3)

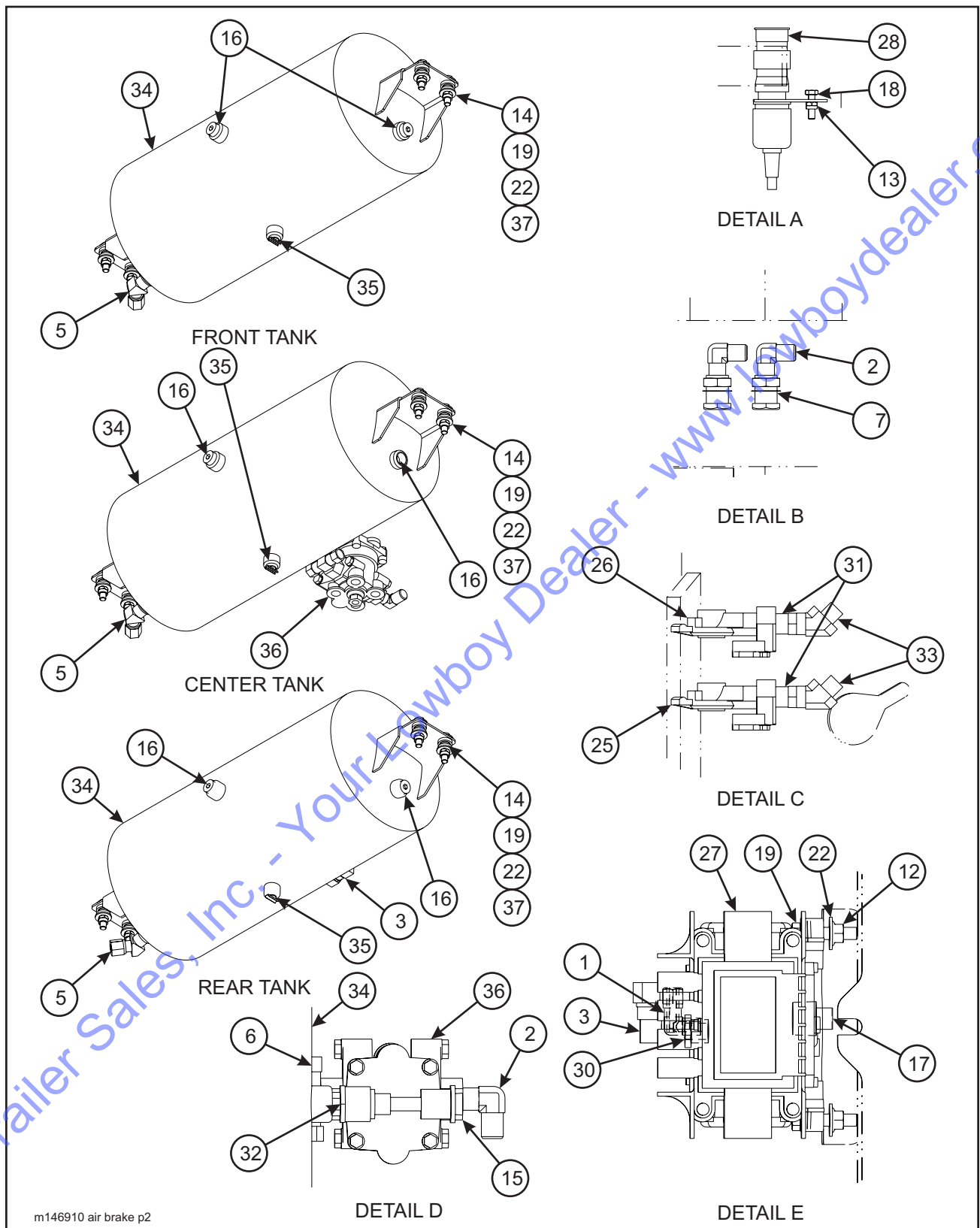


Figure 1-41 Air Brake System (835B Triple Axle)

(2 of 3)

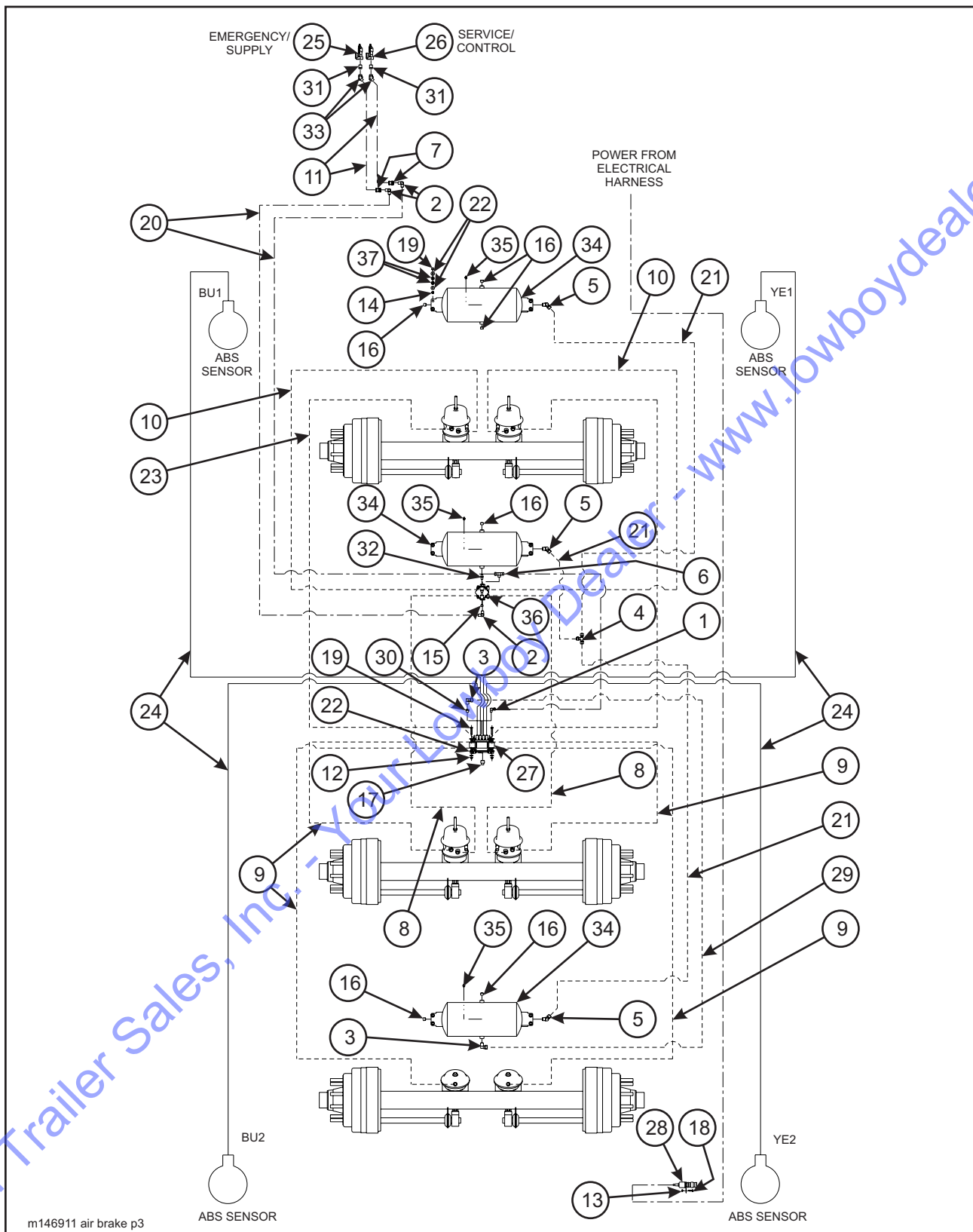


Figure 1-42 Air Brake System (835B Triple Axle)

(3 of 3)

AIR BRAKE SYSTEM (835B 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	1-384-010038084	HOSE, AIR 3/8 X 84	2
12	1-510-010001	NUT, FLANGE HEAD SERR 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 1-75)	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

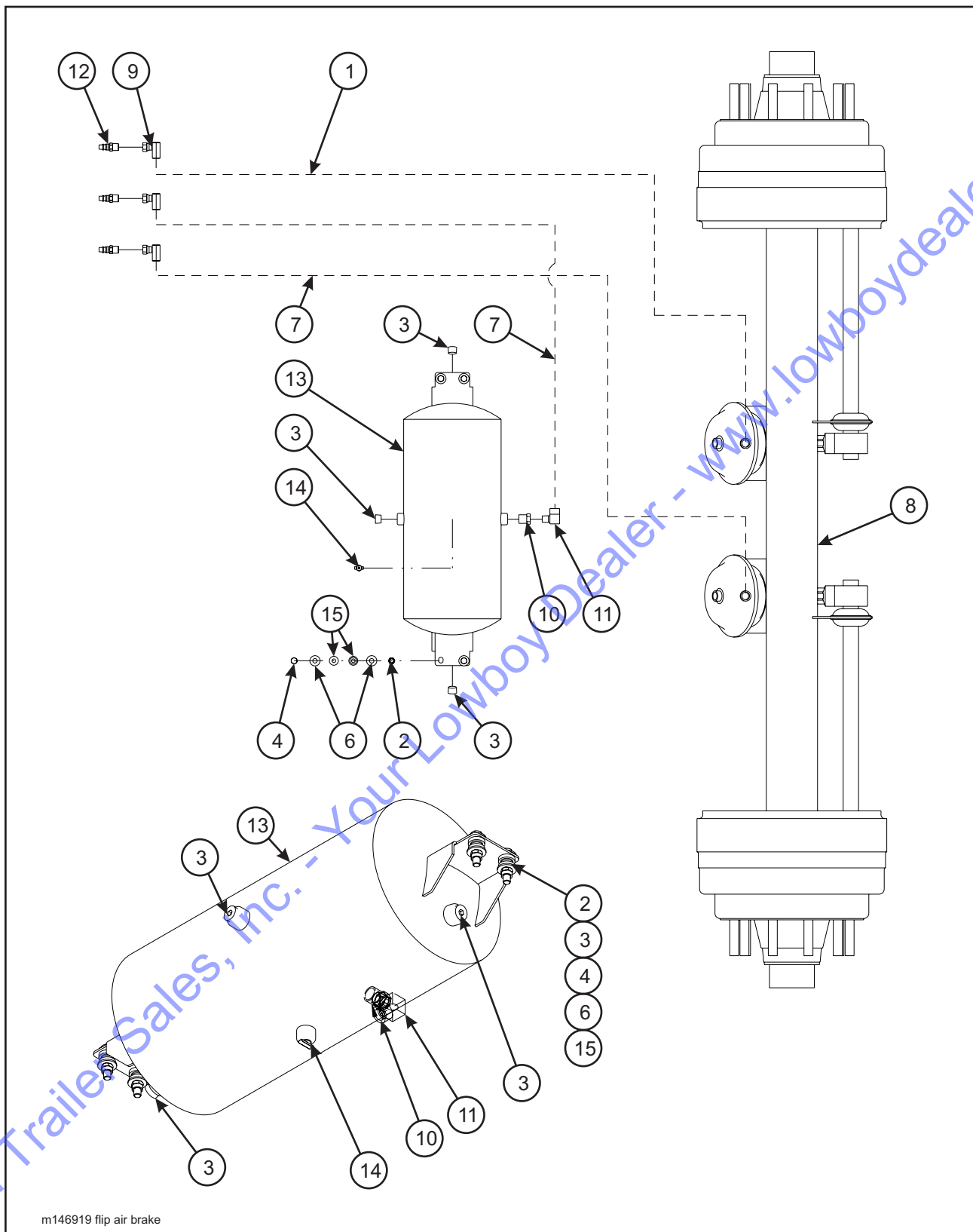
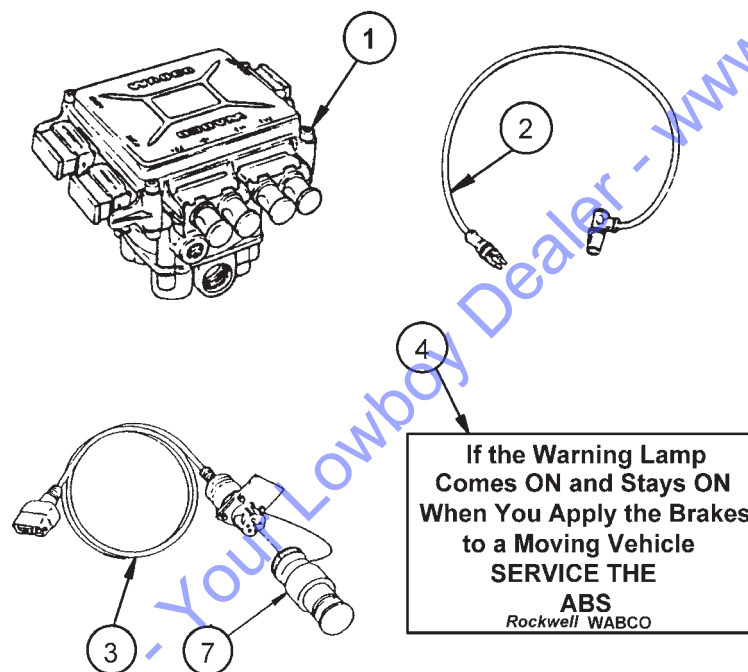


Figure 1-43 Air Brake System - Flip Axle (835B)

AIR BRAKE SYSTEM - FLIP AXLE (835B)

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 WELDMENT BREAKDOWNS, SEE PAGE 1-43)	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

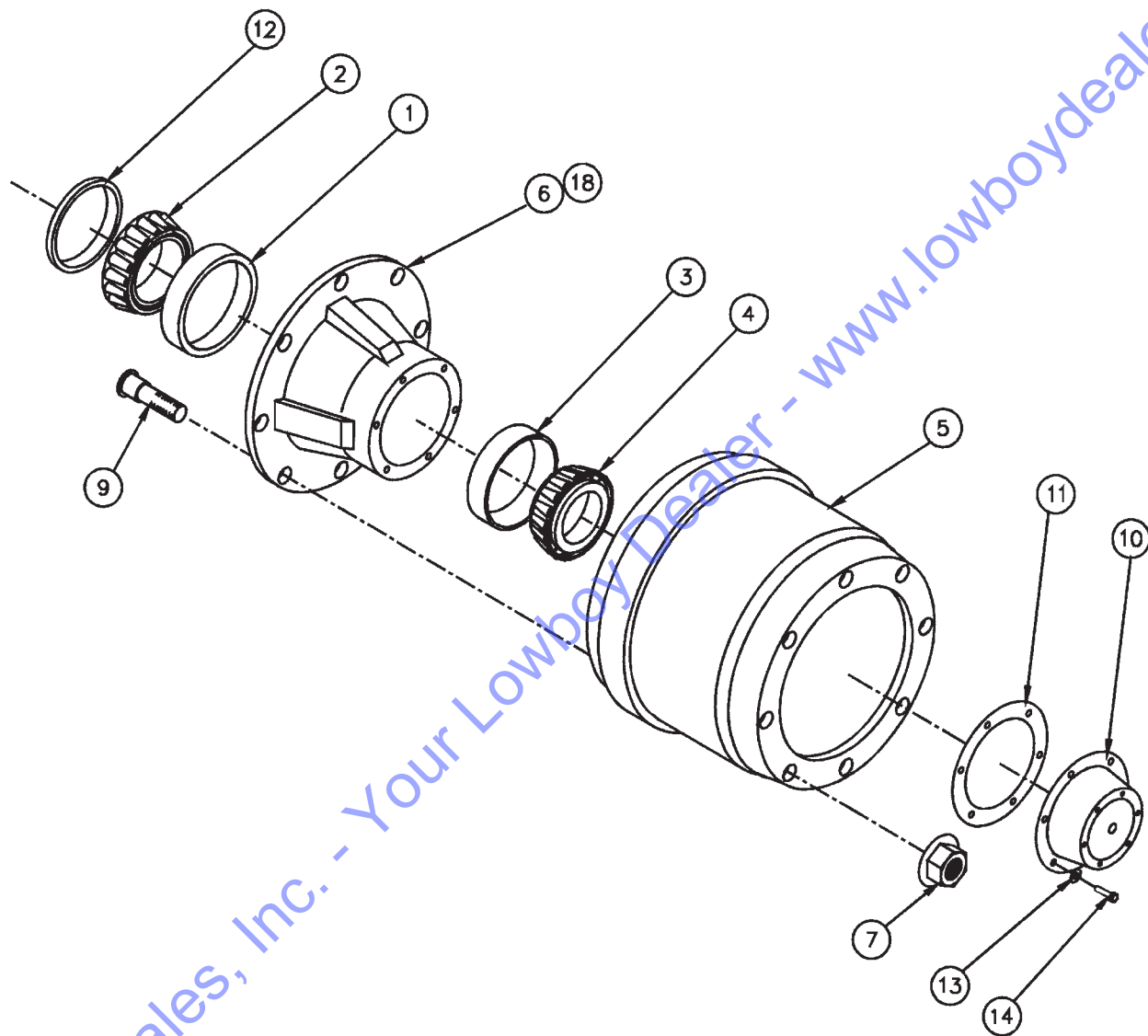


ma114584

Figure 1-44 Brake Kit, (Rockwell) ABS

BRAKE KIT (ROCKWELL) ABS

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 (114584)	1
	103861	SENSOR EXTENSION CABLE 3M (10 FT) (114586)	1
3	114590	POWER/DIAGNOSTIC CABLE(SWITCH NOT INCL.)	1
4	101855	WARNING LAMP LABEL (114584)	1
5	—	INSTALLATION GUIDE (114584) (NOT SHOWN)	1
6	114587	ABS MAINTENANCE MANUAL (114584) (NOT SHOWN)	1
7	101851	DIAGNOSTIC SWITCH	1



103781

Figure 1-45 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(66884)	OUTBOARD MOUNTED BRAKE DRUM	1
6	110975(2023----T)	HUB W/ STUDS	1
7	179933	NUT FLANGE MM22X1.5	10
9	101160	STUD R.H. 22X1.2	10
10	021-038-01 (4009)	CAP, HUB	1
11	071-124-00 (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)	

* 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.

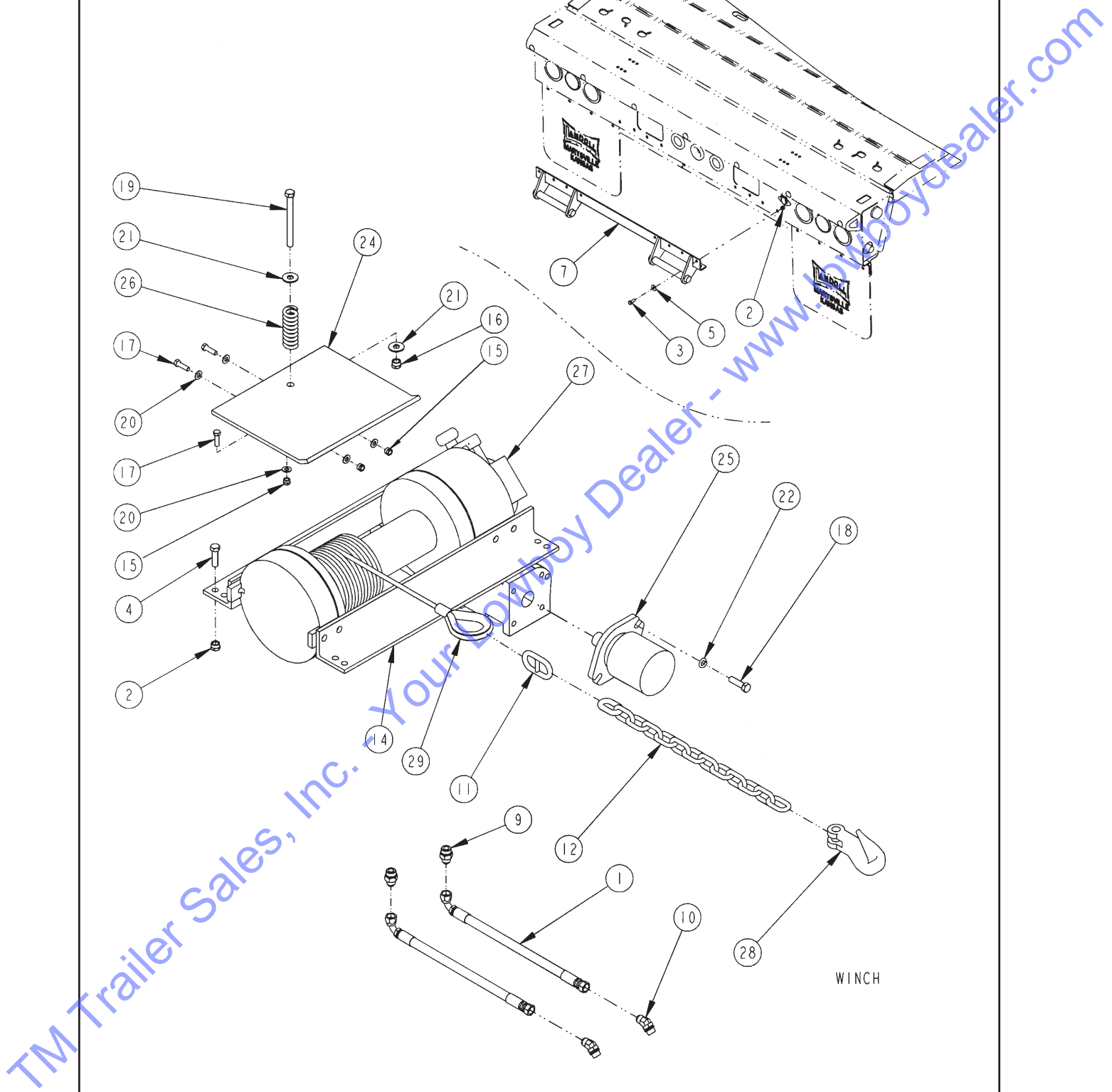
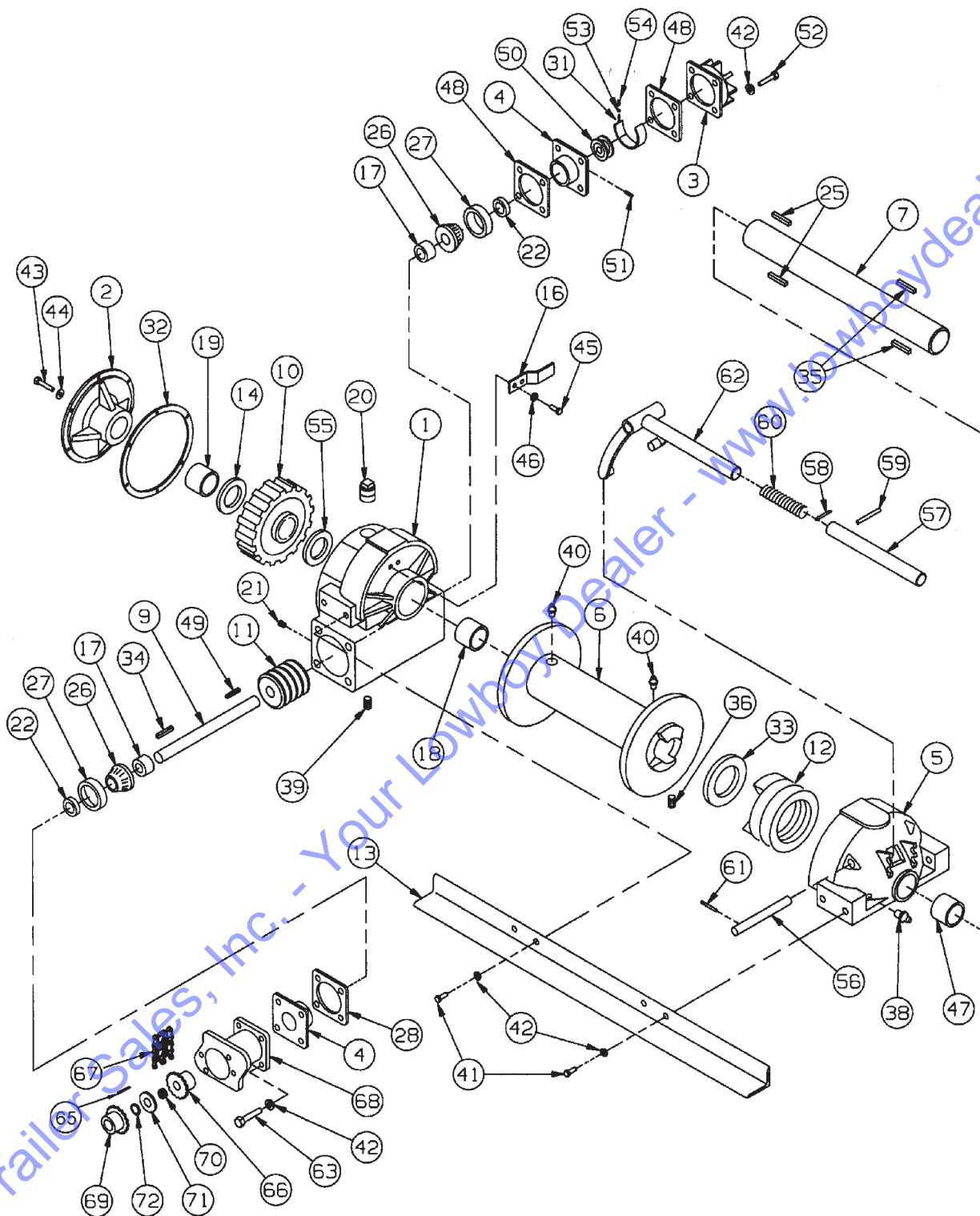


Figure 1-46 Winch Installation

WINCH INSTALLATION

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	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 (NOT SHOWN)	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 (NOT SHOWN)	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 (NOT SHOWN)	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 1-86)	1
	3-481-010007	MOTOR, HYDRAULIC 20,000 LB (SEE PAGE 1-86)	1
26	3-720-010010	SPRING COMP LEVEL WIND	1
27	3-873-010122	WINCH, WORM GEAR 12,000 LB (SEE PAGE 1-81)	1
	3-873-010123	WINCH, WORM GEAR 20,000 LB (SEE PAGE 1-84)	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	1
31	130536	PIN, HOOK ANCHOR	1
32	516-22PTL	RETAINING PIN MUD FLAP	1



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Figure 1-47 12,000# Winch Assembly

12,000# WINCH ITEMS

ITEM	PART NO.	DESCRIPTION	QTY.
	3-873-010122	WINCH ASSY 12K	1
1	81006	WORM HOUSING ASSY (INCLUDES ITEM 18)	1
2	81009	COVER ASSY WORM HOUSING (INCL ITEM 19)	1
3	18032	HOUSING SAFETY BRAKE	1
4	23303	CONTAINER BEARING	2
5	81530	LEG ASSEMBLY BEARING (INCLUDES ITEM 47)	1
6	11128	DRUM CABLE	1
7	11129	DRUM SHAFT CABLE	1
9	23470	SHAFT WORM	1
10	11144	GEAR WORM LEFT HAND	1
11	11142	WORM LEFT HAND	1
12	18039	SLIDING CLUTCH	1
13	22752	ANGLE BASE	2
14	13680	THRUST RING	1
16	81025	BRAKE DRAG	1
17	11308	SPACER WORM	2
18	18078	BUSHING	1
19	11368	BUSHING	1
20	22775	PLUG PIPE	1
21	18009	PLUG PIPE	1
22	18026	SEAL GREASE	2
25	11117	KEY WORM GEAR	2
26	18015	CONE BEARING	2
27	18016	CUP BEARING	2
28	18027	GASKET	3
31	21925	BAND BRAKE	1
32	11133	WORM HOUSING COVER GASKET	3
33	18019	RETAINER RING	1
34	18030	KEY WORM	1
35	18020	KEY CLUTCH	2
36	24032	SETSCREW	1
38	18047	FITTING GREASE	1
39	19045	PLUG PIPE	1
40	11799	FITTING GREASE	2
41	21961	CAPSCREW	12
42	18003	WASHER LOCK	16
43	11767	CAPSCREW	6
44	11011	WASHER LOCK	6
45	13005	CAPSCREW	2
46	12780	WASHER LOCK	2
47	18078	BUSHING	1
48	18024	BEARING CONTAINER GASKET	3
49	10078	KEY	1
50	18028	DRUM BRAKE	1
51	12075	SETSCREW	1
52	22703	CAPSCREW	4
53	13468	JAM NUT	4
54	18029	BRAKE BAND SPRING	1

12,000# WINCH ITEMS

ITEM	PART NO.	DESCRIPTION	QTY.
55	11240	RETAINER RING	1
56	11130	SHIFTER SHAFT	1
57	12817	SHIFTER HANDLE	1
58	18056	ROLLPIN	1
59	13028	ROLLPIN	1
60	18002	SPRING	1
61	11837	ROLLPIN	2
62	13839	SHIFTER FORK	1
63	22704	CAPSCREW	4
65	18044	KEY	1
66	23081	COUPLING HALF (WORM SHAFT)	1
67	13424	ROLLER CHAIN	1
68	23079	MOTOR ADAPTER	1
69	23083	COUPLING HALF (MOTOR SHAFT)	1
70	23353	SPRING	1
71	23078	SPACER	1
72	23085	SPACER	1

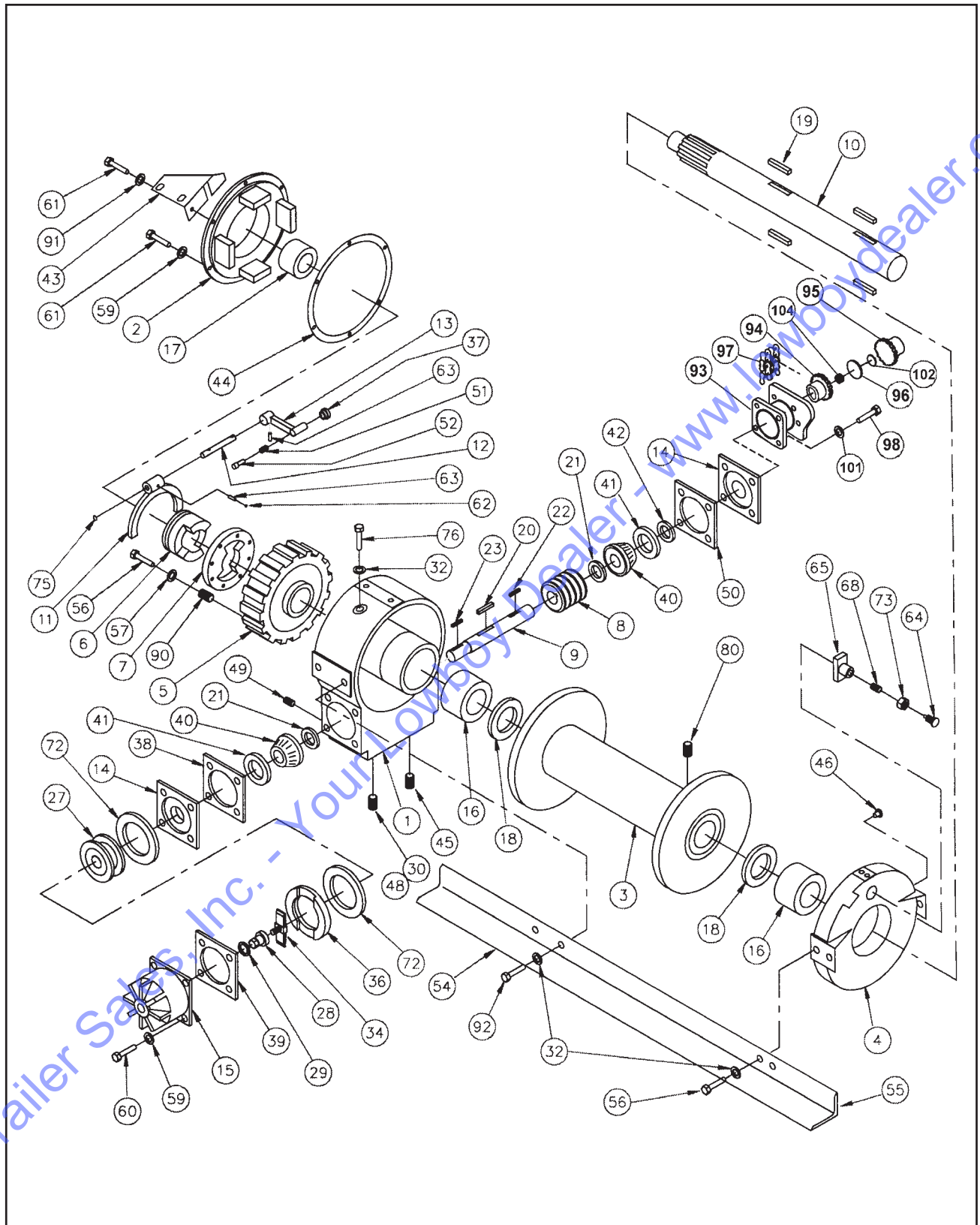


Figure 1-48 20,000# Winch Assembly

20,000# WINCH ITEMS

ITEM	PART NO.	DESCRIPTION	QTY.
	3-873-010123	WINCH 20000# W/BOLT-ON ANGLES	
1	81078	WORM HOUSING ASSEMBLY	1
2	81082	COVER ASSEMBLY WORM HOUSING	1
3	11449	DRUM CABLE	1
4	81077	LEG ASSEMBLY BEARING	1
5	11434	WORM GEAR RIGHT	1
6	11421	CLUTCH SLIDING	1
7	11419	DRIVE CLUTCH	1
8	11404	WORM RIGHT	1
9	11405	SHAFT WORM	1
10	11414	SHAFT CABLE DRUM	1
11	11440	FORK SHIFTER	1
12	11441	SHAFT SHIFTER	1
13	11442	HANDLE SHIFTER	1
14	11427	CONTAINER BEARING	2
15	11445	COVER WORM BRAKE	1
16	18035	BUSHING	2
17	11425	BUSHING	1
18	11420	RING RETAINING	2
19	22055	DRUM KEY CABLE	4
20	11402	KEY WORM	1
21	11407	SPACER WORM	2
22	23367	KEY SPROCKET	1
23	10078	KEY ROTOR	1
27	81080	ROTOR ASSEMBLY BRAKE	1
28	11599	ADJUSTING NUT WORM BRAKE	1
29	12465	O-RING	1
30	19014	PLUG FILLER	1
32	11026	WASHER LOCK	10
34	81081	SPRING ASSEMBLY SAFETY BRAKE	1
36	11431	PLATE PRESSURE	1
37	18022	KNOB SHIFTER	1
38	11429	GASKET	4
39	11446	GASKET	2
40	18033	BEARING CONE	2
41	18034	BEARING CUP	2
42	12073	SEAL GREASE	1
43	12783	BRACKET SHIFTER	1
44	11411	COVER GASKET HOUSING	1
45	19045	PLUG DRAIN	1
46	18047	FITTING GREASE	1
48	22775	PLUG VENT	1
49	18009	PLUG LEVEL	1
50	11430	GASKET	4
51	11310	SPRING SHIFTER KNOB	1
52	11309	STEM SHIFTER KNOB	1
54	28942	ANGLE FRONT BASE	1
55	28943	ANGLE REAR BASE	1
56	13938	CAPSCREW	16

20,000# WINCH ITEMS

ITEM	PART NO.	DESCRIPTION	QTY.
57	12781	WASHER LOCK	8
59	11025	WASHER LOCK	3
60	22695	CAPSCREW	4
61	21965	CAPSCREW	6
62	12146	PLUG EXPANSION	AR
63	13028	ROLLPIN	AR
64	11398	SCREW ADJUSTING	1
65	88005	SHOE ASSEMBLY DRAG BRAKE	1
68	18002	SHOE ASSEMBLY DRAG BRAKE	1
72	11426	DISC FRICTION	2
73	11791	NUT JAM	1
75	12767	PLUG EXPANSION	AR
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	12228	SCREW SET	1
90	11435	INSERT THREAD	8
91	11014	LOCKWASHER	1
92	22697	CAPSCREW	5
93	23144	ADAPTER - MOTOR	1
94	23081	COUPLING HALF-WINCH	1
95	23142	COUPLING HALF-MOTOR	1
96	23078	SPACER - CONSTANT	1
97	13424	ROLLER CHAIN	1
98	22704	CAPSCREW	4
99	13413	CAPSCREW (NOT SHOWN)	4
100	18003	LOCKWASHER (NOT SHOWN)	4
101	11026	LOCKWASHER	4
102	23183	SPACER - VARIABLE	2
103	22703	CAPSCREW (NOT SHOWN)	4
104	23353	SPRING - SPACER	1

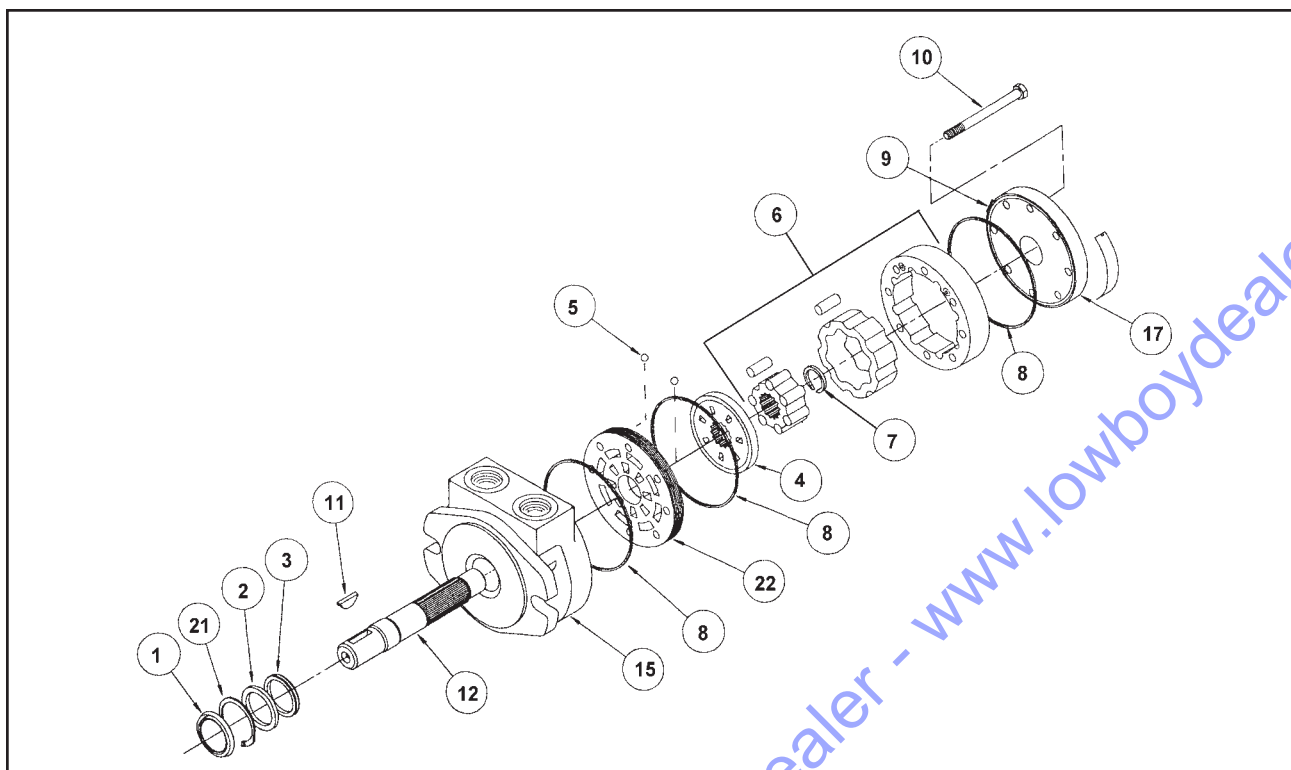


Figure 1-49 Winch Motor Assembly

WINCH MOTOR ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
	3-481-010007	MOTOR HYD. (FOR 20K WINCH)	1
	3-481-010006	MOTOR HYD (FOR 12K WINCH)	1
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, ASSY (FOR 20K WINCH)	1
	1004-3	IGA, ASSY (FOR 12K WINCH)	1
7	1296	SNAP RING	1
8	1046	SQUARE RING SEAL	3
9	1019-4	PLUG, VENT W/O-RING 7/16-20	1
10	1014-4	BOLTS, HEX 5/16-24 (FOR 20K WINCH)	8
	1114-5	BOLTS, HEX 5/16-24 (FOR 12K WINCH)	8
11	1655	KEY, WOODRUFF	1
12	2265-6	SHAFT, 1.25" 14 TOOTH SPLINE (FOR 20K WINCH)	1
	2109-3	SHAFT, 1" KEYED (FOR 12K WINCH)	1
15	M110AB-4	BODY/BEARING ASSY (FOR 20K WINCH)	1
	PA-2328-2	BODY/BEARING ASSY (FOR 12K WINCH)	1
17	M110C-1	COVER/BEARING ASSY	1
21	2180	SNAP RING, SHAFT	1
22	1865	COMMUNATOR PLATE	1
	2263	SEAL KIT, BODY	1
	2480	SEAL KIT, BODY, VITON	1

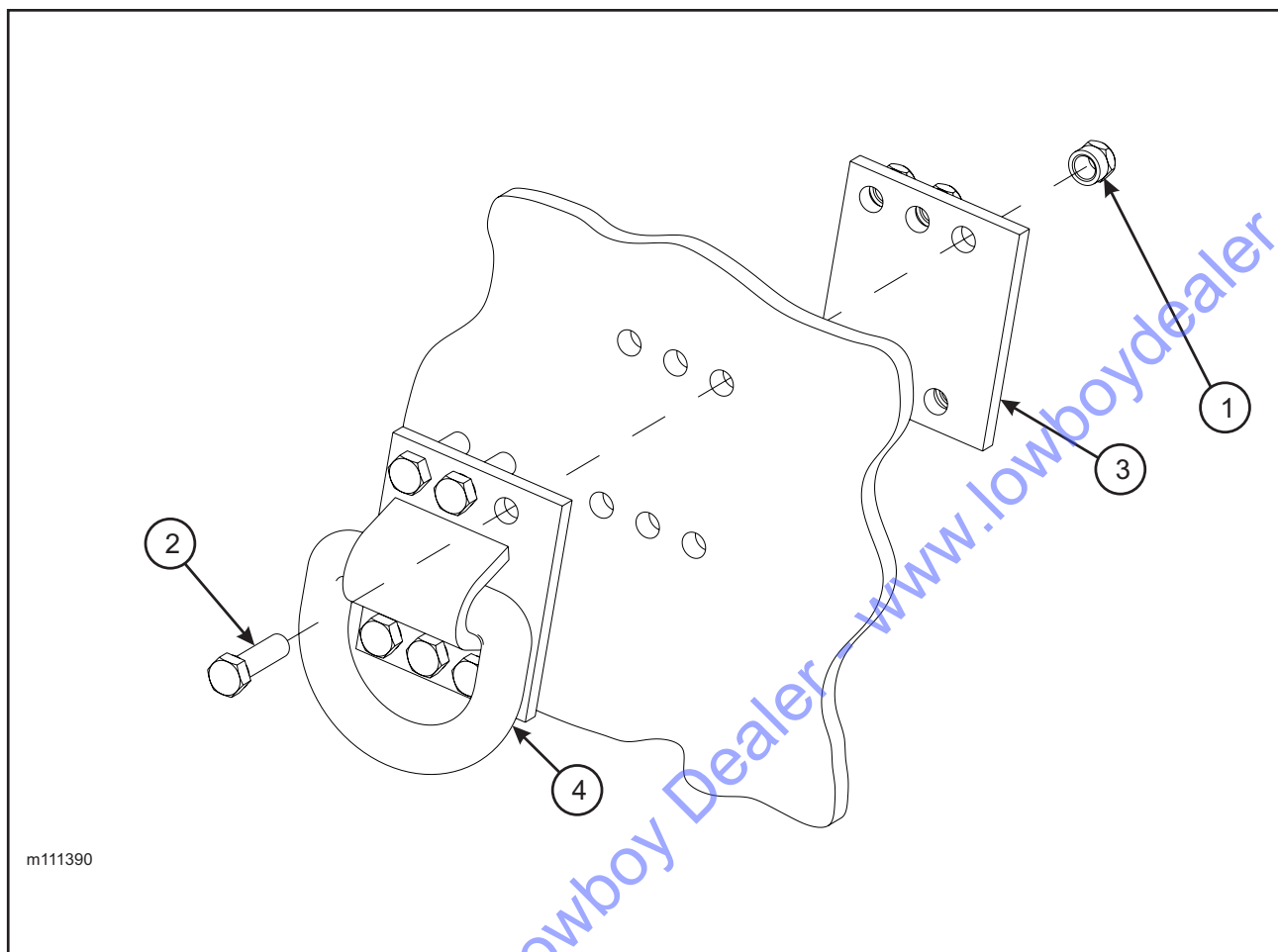
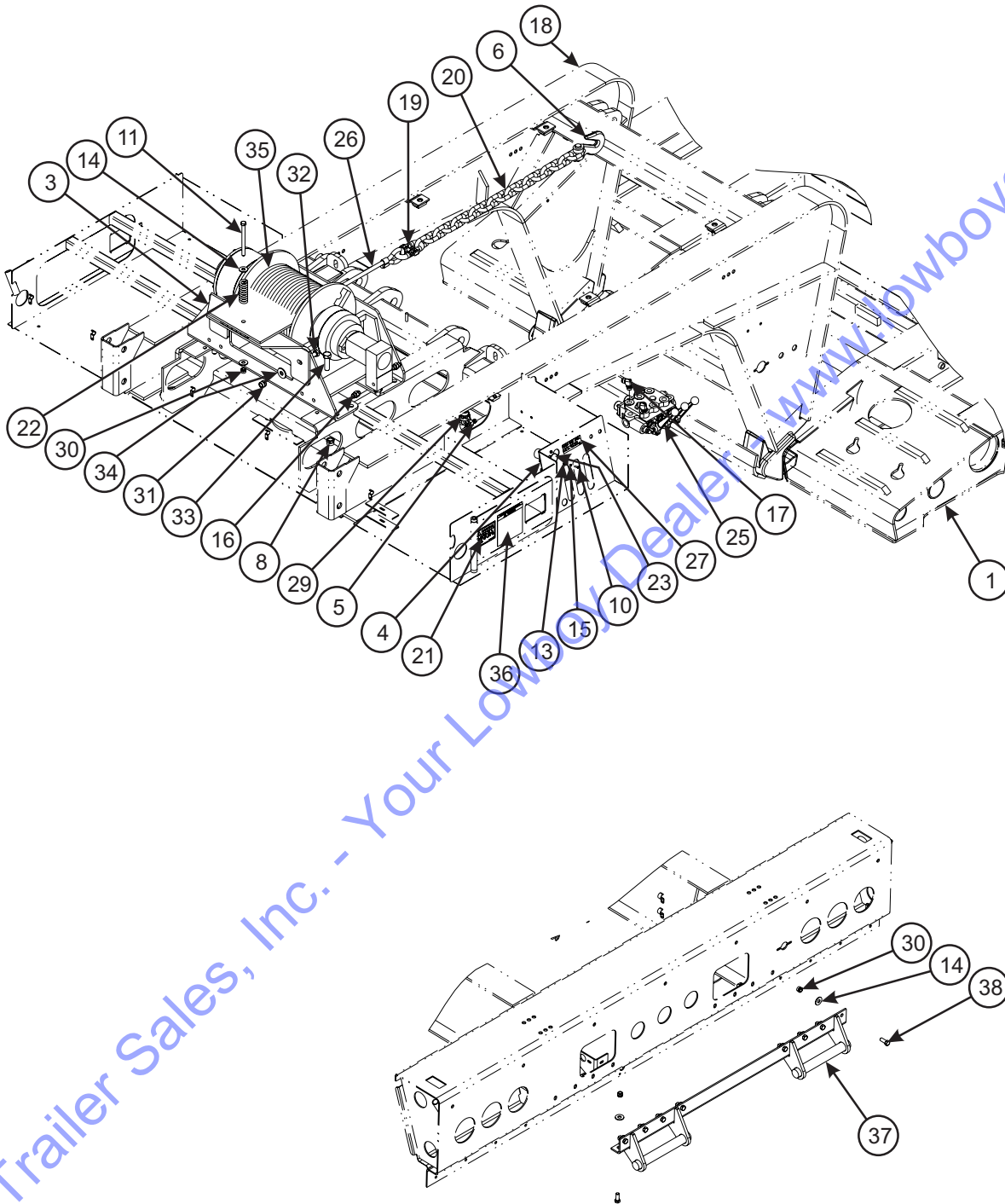


Figure 1-50 Bolt-On D-Ring Assembly (Option)

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



m137548

Figure 1-51 30K DP Winch Installation

30K DP WINCH INSTALLATION

ITEM	PART NO.	DESCRIPTION	QTY.
	137548	30K DP WINCH INSTALLATION	
1	-----	FRAME WELDMENT	REF
3	111641	WINCH TENSIONER WELDMENT	1
4	1-297-010008-07	FITTING, AIR 90	2
5	1-297-010015-03	FITTING, AIR BR TEE	1
6	1-382-010035-06	HOOK, CLEVIS GRAM 5/8 GR80	1
7	1-397-010302050	HOSE ASSEMBLY, 1/2 X 50 (NOT SHOWN)	2
8	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	8
10	1-654-010024079	SCREW, MACH FILISTER #10-32 X 3/4	2
11	1-654-010055-17	SCREW, HEX HEAD CAP 1/2-13 X 6 GR5	1
12	1-833-010001	TUBING, NYLON 1/4	10
13	1-861-010032-03	WASHER, FLAT #10	2
14	1-861-010032-15	WASHER, FLAT 1/2W	14
15	1-861-010034-07	WASHER, SPLIT LOCK #10	2
16	202702-8-8S	ADAPTER	2
17	2062-8-8S	ADAPTER 90	2
18	-----	GOOSENECK WELDMENT	REF
19	3-174-010059	CHAIN LINK, CONNECTING 5/8	1
20	3-174-010060036	CHAIN, 5/8 X 36 GR 80	1
21	3-573-010299	DECAL, WARNING WINCH CABLE	1
22	3-720-010010	SPRING, COMPRESSION	1
23	3-843-010008	VALVE, AIR 3 WAY 2 POS PUSH-PULL	1
25	3-846-010159	VALVE ASSEMBLY, 3 SPOOL (SEE PAGE 1-51)	1
26	132833	CABLE ASSEMBLY 5/8 X 85 FLEX	REF
27	135184	DECAL, WINCH FREE SPOOL	1
29	905-54-107	BRAKE PROTECTION VALVE	REF
30	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	13
31	1-512-010005-13	NUT, HEX LOCK 5/8-11 GRB	2
32	1-654-010059-05	SCREW, HEX HEAD CAP 5/8-11 X 2 GR5	2
33	1-654-010061-07	SCREW, HEX HEAD CAP 5/8-10 X 2-1/2 GR5	8
34	1-861-010032-19	WASHER, FLAT 5/8W	2
35	3-873-010173	WINCH, 30K PLANETARY UWD DP (SEE PAGE 1-93)	1
36	100600	DECAL, WARNING BRADEN WINCH	1
37	105195	ANCHOR WELDMENT	1
38	1-654-010055-02	SCREW, HEX HEAD CAP 1/2-13 X 1-1/4 GR5	12

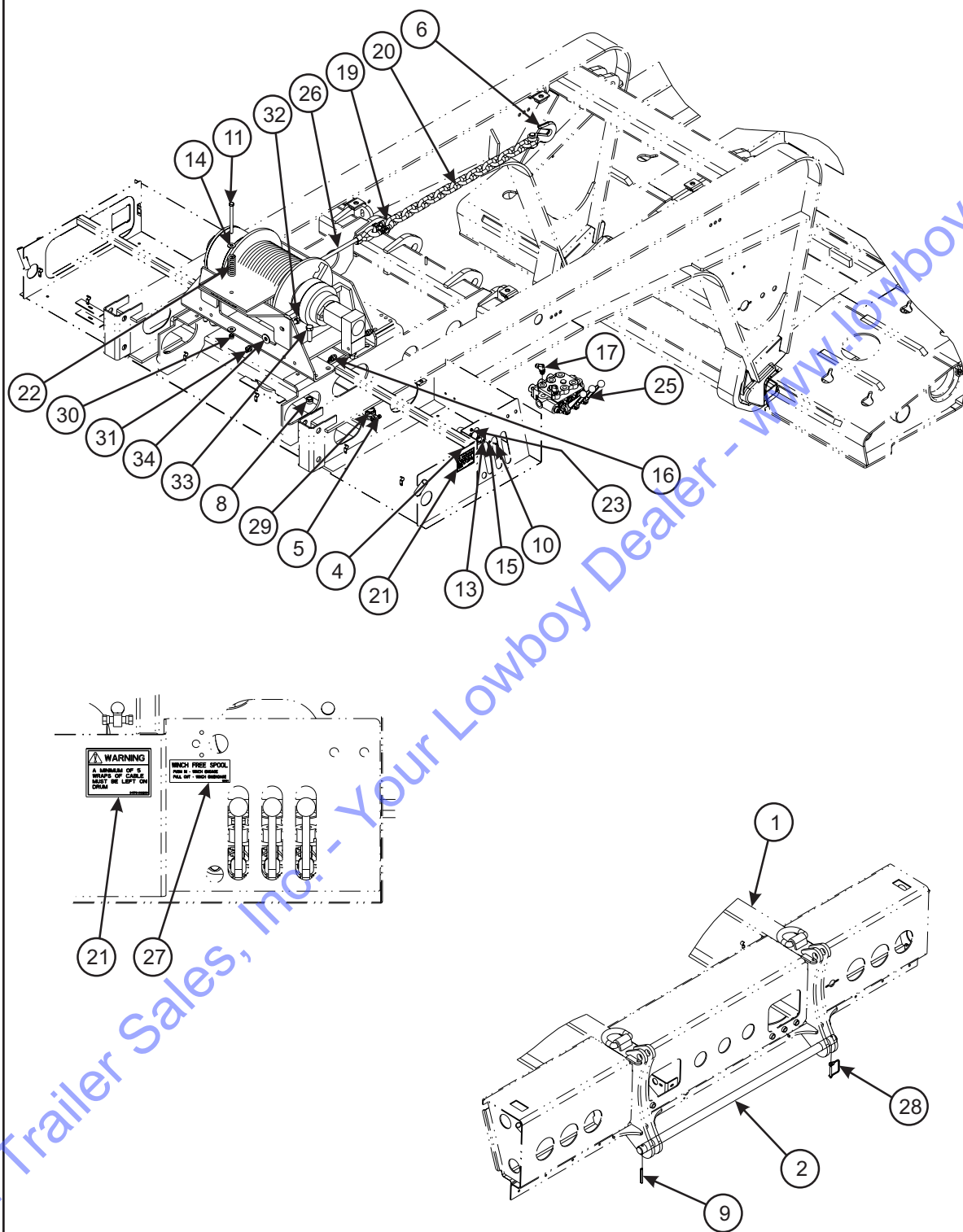
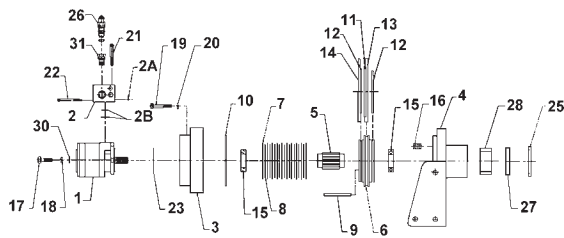


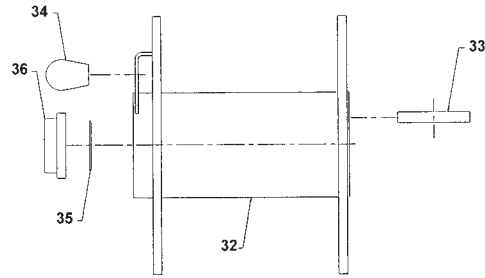
Figure 1-52 30K DP Winch Installation

30K DP WINCH INSTALLATION

ITEM	PART NO.	DESCRIPTION	QTY.
	137550	30K DP WINCH INSTALLATION	
1	-----	FRAME WELDMENT	REF
2	130536	PIN, HOOK ANCHOR	1
3	111641	WINCH TENSIONER WELDMENT	1
4	1-297-010008-07	FITTING, AIR 90	2
5	1-297-010015-03	FITTING, AIR BR TEE	1
6	1-382-010035-06	HOOK, CLEVIS GRAB 5/8 GR80	1
7	1-397-010302050	HOSE ASSEMBLY, 1/2 X 50 (NOT SHOWN)	2
8	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	8
9	1-647-010004259	ROLL PIN, SLOTTED 3/8 X 3	1
10	1-654-010024079	SCREW, MACH FILISTER #10-32 X 3/4	2
11	1-654-010055-17	SCREW, HEX HEAD CAP 1/2-13 X 6 GR5	1
12	1-833-010001	TUBING, NYLON 1/4	10
13	1-861-010032-03	WASHER, FLAT #10	2
14	1-861-010032-15	WASHER, FLAT 1/2W	2
15	1-861-010034-07	WASHER, SPLIT LOCK #10	2
16	202702-8-8S	ADAPTER	2
17	2062-8-8S	ADAPTER 90	2
18	-----	GOOSENECK WELDMENT	REF
19	3-174-010059	CHAIN LINK, CONNECTING 5/8	1
20	3-174-010060036	CHAIN, 5/8 X 36 GR 80	1
21	3-573-010299	DECAL, WARNING WINCH CABLE	1
22	3-720-010010	SPRING, COMPRESSION	1
23	3-843-010008	VALVE, AIR 3 WAY 2 POS PUSH-PULL	1
25	3-846-010159	VALVE ASSEMBLY, 3 SPOOL (SEE PAGE 1-51)	1
26	132833	CABLE ASSEMBLY 5/8 X 85 FLEX	REF
27	135184	DECAL WINCH FREE SPOOL	1
28	516-22PTL	PIN, MUD FLAP	1
29	905-54-107	BRAKE PROTECTION VALVE	REF
30	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	1
31	1-512-010005-13	NUT, HEX LOCK 5/8-11 GRB	2
32	1-654-010059-05	SCREW, HEX HEAD CAP 5/8-11 X 2 GR5	2
33	1-654-010061-07	SCREW, HEX HEAD CAP 3/4-10 X 2-1/2 GR5	8
34	1-861-010032-19	WASHER, FLAT 5/8W	2
35	3-873-010173	WINCH, 30K PLANETARY UWD DP(SEE PAGE 1-93)	1



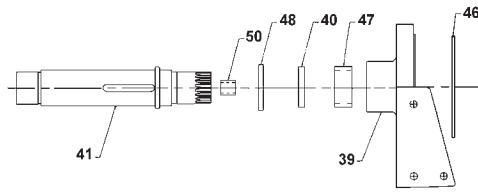
MOTOR END INSTALLATION



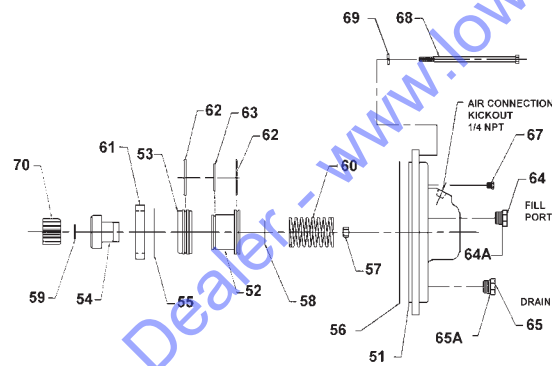
DRUM INSTALLATION



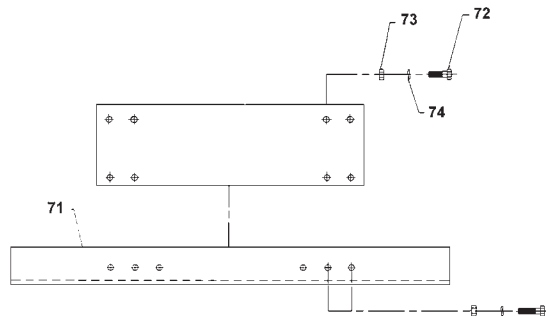
INPUT SHAFT INSTALLATION



GEAR END INSTALLATION



**AIR/HYDRAULIC KICKOUT
GEAR END COVER INSTALLATION**



BASE MOUNT INSTALLATION

Figure 1-53 30K DP Winch Installation

30,000# WINCH ITEMS

ITEM	PART NO.	DESCRIPTION	QTY.
	3-873-010173	WINCH 30K ITEMS	
	137724	BRACKET, BASE	
	145690	WINCH, 30K DP HIGH MOUNT	
MOTOR END INSTALLATION			
1	73174	MOTOR, HYDRAULIC	1
2	13330	VALVE, COUNTERBALANCE	1
2A	9612	O-RING, 1/8 I.D. X 3/32 SECTION	2
2B	9972	O-RING, 5/8 I.D. X 13/16 X 3/32 SECTION	2
3	13316	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	9844	O-RING, 7 O.D. X 6-3/4 I.D.	1
11	9853	O-RING, 6-1/2 I.D. X 3/16 SECTION	1
12	9851	O-RING, 5-3/8 I.D. X 5-3/4 O.D. X 3/16 SECTION	2
13	9854	RING, BACK-UP	1
14	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	1402	CAP SCREW HEX HEAD 1/2-13 X 1-1/4	2
18	1495	WASHER LOCK 1/2	2
19	1376	SCREW CAP HEX HEAD 7/16 X 2-1/2	6
20	1388	WASHER LOCK 7/16	6
21	1188	SCREW CAP SOCKET HEAD 5/16 X 3	4
22	4042	SCREW CAP SOCKET HEAD 1/4-20 X 3-3/4	1
23	9880	O-RING 3 I.D. X 1/8 SECTION	1
24	10708	TAG WARNING	1
25	9890	SEAL SHAFT	1
26	3177	CARTRIDGE COUNTERBALANCE	1
27	13288	WASHER THRUST BRONZE	1
28	81454	BEARING -TORRINGTON	1
30	1498	WASHER FLAT 1/2 SAE	2
31	13356	ASSEMBLY PLUG	1
DRUM INSTALLATION			
32	13285	DRUM	1
33	11977	KEY DRUM	2
34	10525	WEDGE CABLE 5/8	1
35	9672	O-RING 2-5/8 ID X 1/8 W	1
36	13286	SPACER	1
INPUT SHAFT INSTALLATION			
37	13317	SHAFT INPUT	1

30,000# WINCH ITEMS

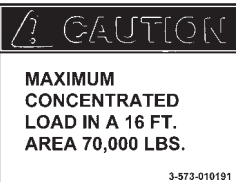
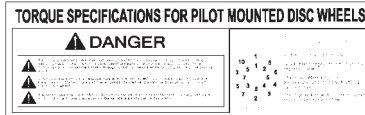
ITEM	PART NO.	DESCRIPTION	QTY.
GEAR END INSTALLATION			
38	3126	GEAR RING	1
39	13300	SUPPORT GEAR END	1
40	13288	WASHER THRUST	1
41	13301	SHAFT OUTPUT	1
42	13164	WASHER THRUST NYLON 3-1/2 OD X 3/16 SECTION	2
43	12486	CARRIER ASSEMBLY PRIMARY	1
44	12516	CARRIER ASSEMBLY SECONDARY	1
45	10848	LABEL WARNING	1
46	9695	O-RING 8-3/4 I.D. X 1/8 SECTION	1
47	81454	BEARING	1
48	9890	SEAL SHAFT	1
49	13306	GEAR SUN	1
50	81608	BUSHING ID 1-1/4 OD X 1 LG	1
AIR/HYD. KICKOUT GEAR END COVER INSTALLATION			
51	13675	COVER GEAR END	1
52	13295	PISTON AKO B/C/D	1
53	13296	CYLINDER PISTON	1
54	13297	COUPLING DRIVE	1
55	3632	RING RETAINING RD SEC 3 O.D. X .10 SEC	1
56	9695	O-RING 8-3/4 I.D. X 1/8 SECTION	1
57	81612	BUSHING BRONZE 3/8 I.D. X 3/8 L	1
58	3303	RING RETAINING 1-1/4	1
59	3321	RING RETAINING RD SEC .805 I.D.	1
60	2309	SPRING COMPRESSION	1
61	13288	WASHER THRUST BRONZE 3.81 X .406 W	1
62	9672	O-RING 2-5/8 I.D. X 1/8 SECTION	2
63	9704	O-RING 2-1/8 I.D. X 2-3/8 O.D.	1
64	76344	PLUG SKT HD O-RING #10 7/8 - 14	1
64A	9992	O-RING .755 I.D. X .097 W 3-910	1
65	76343	PLUG SKT HD O-RING MAG #10	1
65A	9992	O-RING .755 I.D. X .097 W 3-910	1
66	1157	CAPLUG #4 RED	1
67	3059	RELIEF VENT	1
68	1317	SCREW CAP HEX HEAD 3/8 X 16 X 5-1/2	12
69	1395	WASHER LOCK 3/8	12
70	13235	GEAR SUN AKO	1
BASE MOUNT INSTALLATION			
71	14068	BASE MOUNT CUSTOM - B SERIES - A LENGTH	2
72	1505	SCREW CAP HEX HAD 5/8-11 X 2-1/4 GR5	12
73	1590	NUT HEX 5/8 - 11 GR2	12
74	1595	WASHER LOCK 5/8 MEDIUM PLAIN	12
75	1165	RIVET DRIVE U TYPE #2 X 1/4 LONG (NOT SHOWN)	4
76	10466	PLATE INFORMATION (NOT SHOWN)	1



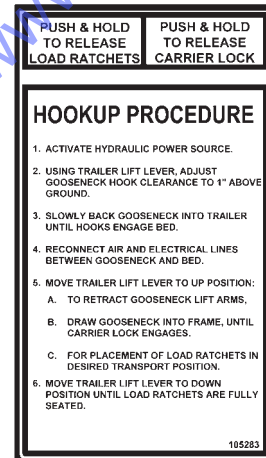
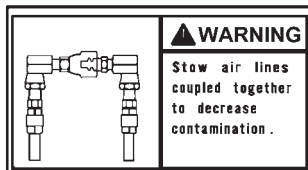
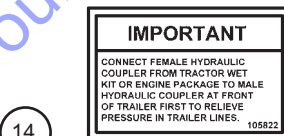
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LANDOLL

**825
835**



HAULLOLL



FRT OTR CAMSHAFT FOLLOWER	FRT INR CAMSHAFT FOLLOWER	FRT SLACK
REAR OTR CAMSHAFT	REAR INR CAMSHAFT	REAR SLACK
CTR OTR CAMSHAFT	CTR INR CAMSHAFT	CTR SLACK
CENTER ROLLER	HOLD-DOWN CAMFOLLOWER	REAR ROLLER
LEFT SIDE	RIGHT SIDE	142553

Figure 1-54 Decals

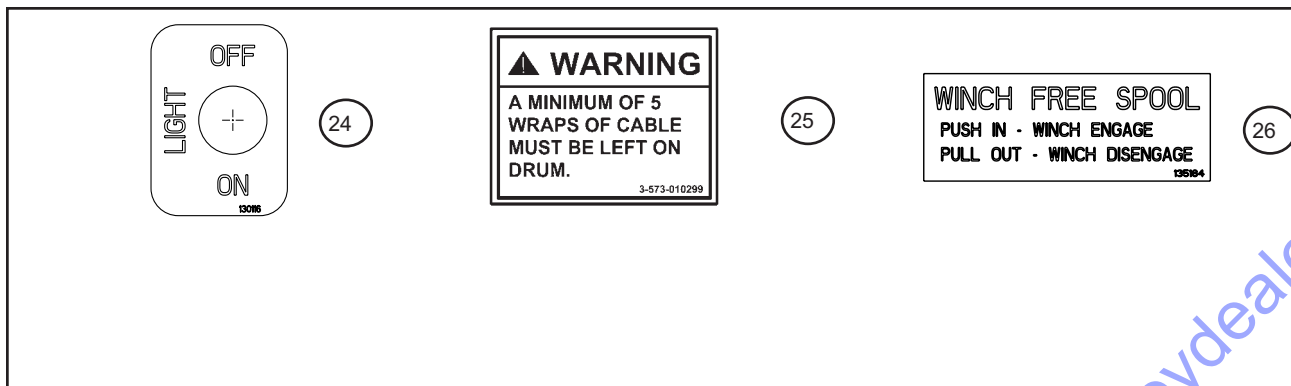


Figure 1-55 Decals

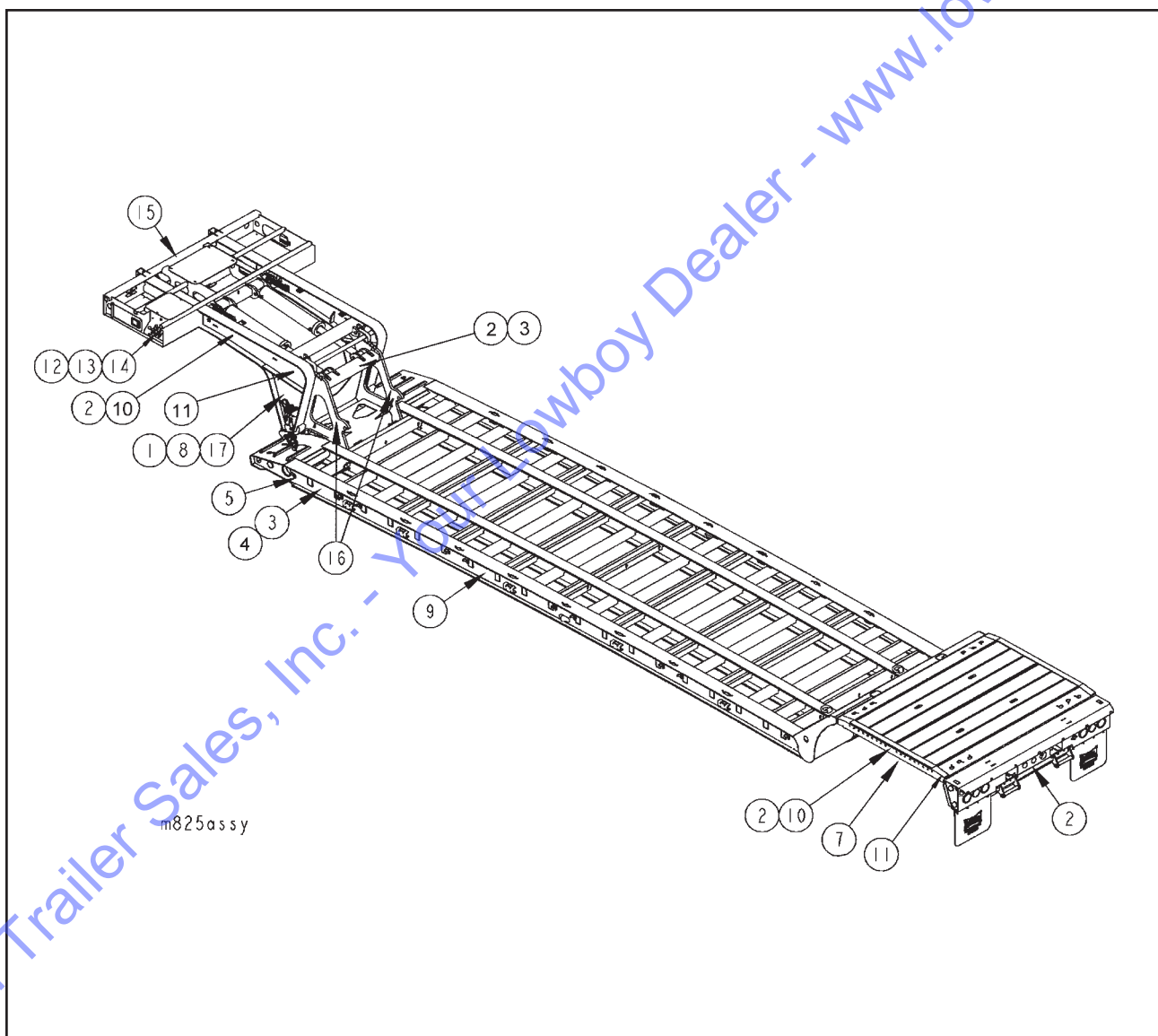
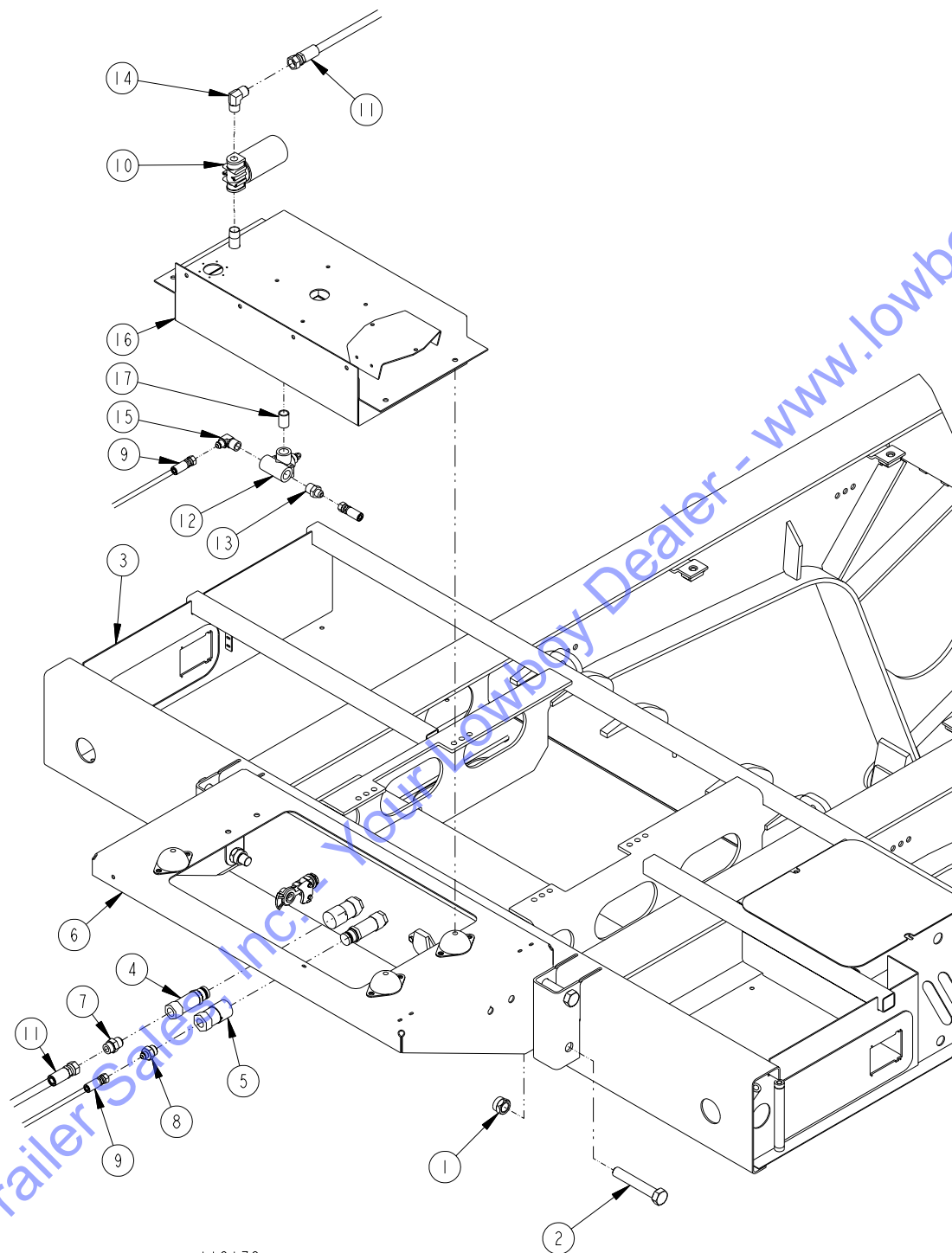


Figure 1-56 Decal Placement

DECAL PLACEMENT

ITEM	PART NO.	DESCRIPTION	QTY.
	105290	DECALS, BLK/LIGHT 825 TRL	
	105291	DECALS, WHT/DARK 825 TRL	
	120681	DECALS, BLK/LIGHT 835 TRL	
	120682	DECALS, WHT/DARK 835 TRL	
1	1-573-010476	DECAL, BOW TIE (BLACK) DC	
	1-573-010480	DECAL, BOW TIE (WHITE) DC	
2	1-573-010477	DECAL, LANDOLL (BLACK) DC	
	1-573-010481	DECAL, LANDOLL (WHITE) DC	
3	105280	DECAL, 825 (BLACK)	
	106658	DECAL, 825 (WHITE)	
	117835	DECAL, 835 (BLACK)	
	120680	DECAL, 835 (WHITE)	
4	114568	DECAL, "B" 5" (WHITE)	
	114569	DECAL, "B" 5" (BLACK)	
5	106657	DECAL, CAUTION 50K/16 FT CONC.	
	128868	DECAL, CAUTION 60K/12 FT CONC.	
	3-573-010191	DECAL, CAUTION 70K/16 FT CONC.	
7	3-573-010210	DECAL, TORQUE SPEC 8-10 STUD HUB	
8	3-573-010298	DECAL, PATENT	
9	3-573-010377	DECAL, 2" REFLEXITE TAPE RED/WHITE	
10	1-573-010478	DECAL, HAULLOLL (BLACK)	
	1-573-010482	DECAL, HAULLOLL (WHITE)	
11	106693	DECAL, 10,000 LB. ALUMINUM BED	
12	105282	DECAL, 825 DETACH PROCEDURE	
13	105283	DECAL, 825 HOOKUP PROCEDURE	
14	105281	DECAL, 825 CONTROLS	
15	105822	DECAL, HYDRAULIC COUPLER	
16	2-573-010335	DECAL, DANGER PINCHING	
17	3-573-010338	DECAL, WARNING AIR LINE	
18	3-573-010378012	DECAL, 2 X 12 REFL. WHITE (BULKHEAD)(NOT SHOWN)	
19	3-573-010378010	DECAL, 2 X 10 REFL. WHITE (BULKHEAD)(NOT SHOWN)	
20	3-573-010496	DECAL, WARNING TIE DOWN (FLIP WLDMT) (NOT SHOWN)	
21	101855	WARNING LAMP LABEL, ABS	
22	139559	DECAL, POWDER COATED	
23	142553	DECAL, GREASE TRAILER U/C	
24	130116	DECAL, ON/OFF LIGHT	
25	3-573-010299	DECAL, WARNING WINCH CABLE	
26	135184	DECAL, WINCH FREE SPOOL	

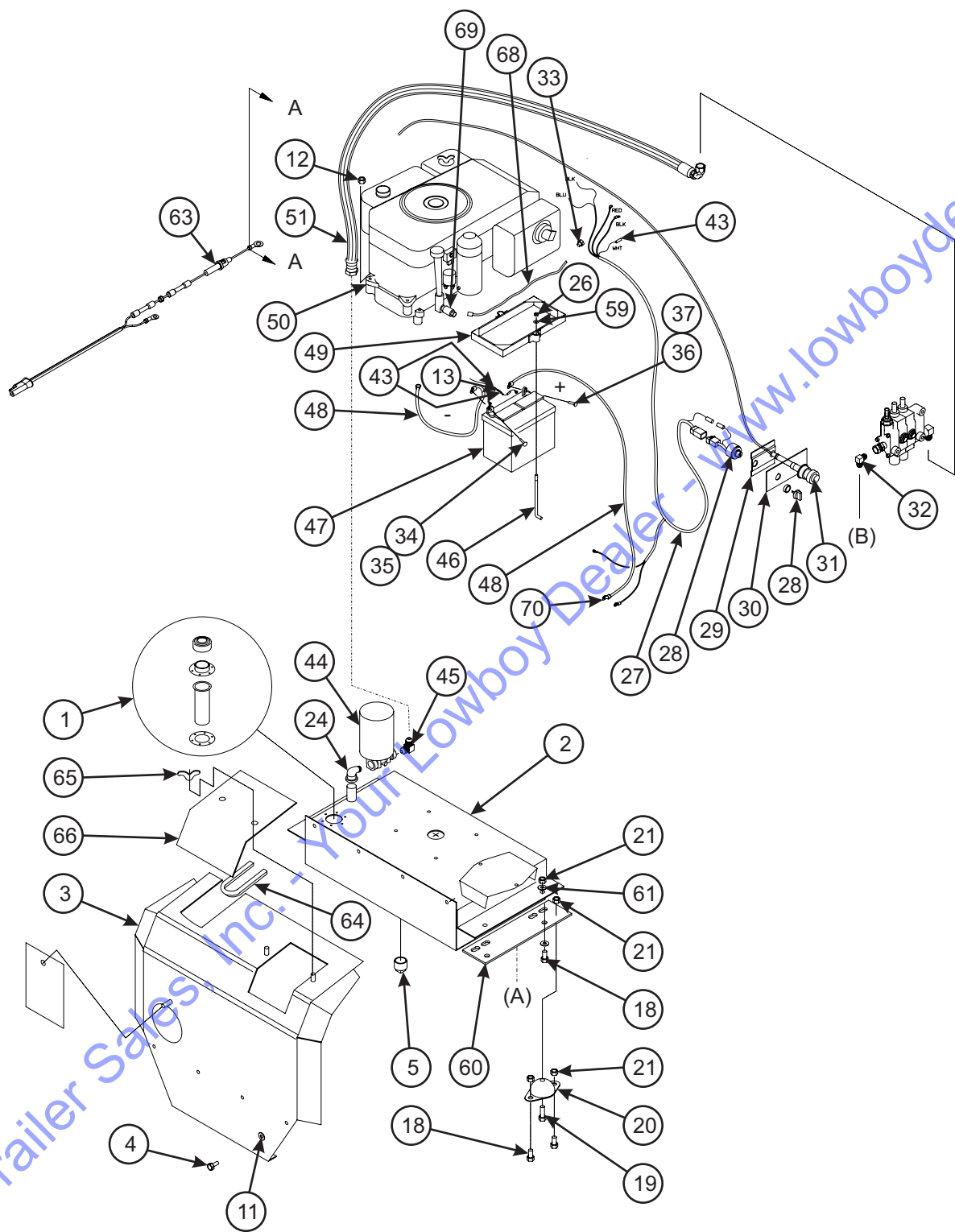


m112172

Figure 1-57 Engine Installation Front Mount (Option)

ENGINE INSTALLATION FRONT MOUNT (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	112172	ENGINE INSTALLATION FRONT MOUNT	
1	1-512-010005-19	NUT, HEX LOCK 1-8 GRB	4
2	1-654-010065-17	SCREW, HEX HEAD CAP 1-8 X 6 GR5	4
3	105294	GOOSENECK ASSEMBLY	REF
4	105479	COUPLER FLAT FACE MALE NOSE	1
5	105480	COUPLER FLAT FACE FEMALE BODY	1
6	112184	MOUNT WELDMENT 11 HP FRONT ENGINE	1
7	202702-12-12S	ADAPTER	1
8	202702-12-8S	ADAPTER	1
9	1-397-010301024	HOSE ASSEMBLY 24"	2
10	1-295-010001	RETURN LINE FILTER	REF
11	1-397-010304048	HOSE ASSEMBLY 48"	1
12	125130	VALVE, HYDR PRESSURE RELIEF LW	1
13	2021-12-8S	ADAPTER STRAIGHT	1
14	2024-12-12S	ELBOW 90	REF
15	2024-12-8S	ELBOW 90	1
16	3-786-010033	TANK WELDMENT 5.5 GAL W/ ENG MOUNT	REF
17	3/4NIPPLE	NIPPLE, ALL THREAD 3/4	1
18	3-846-010156	VALVE, RESTRICTOR (NOT SHOWN)	2



m3-410-010912 p1

Figure 1-58 42-11 HP Honda Engine Drive Installation (Option)
(1 of 2)

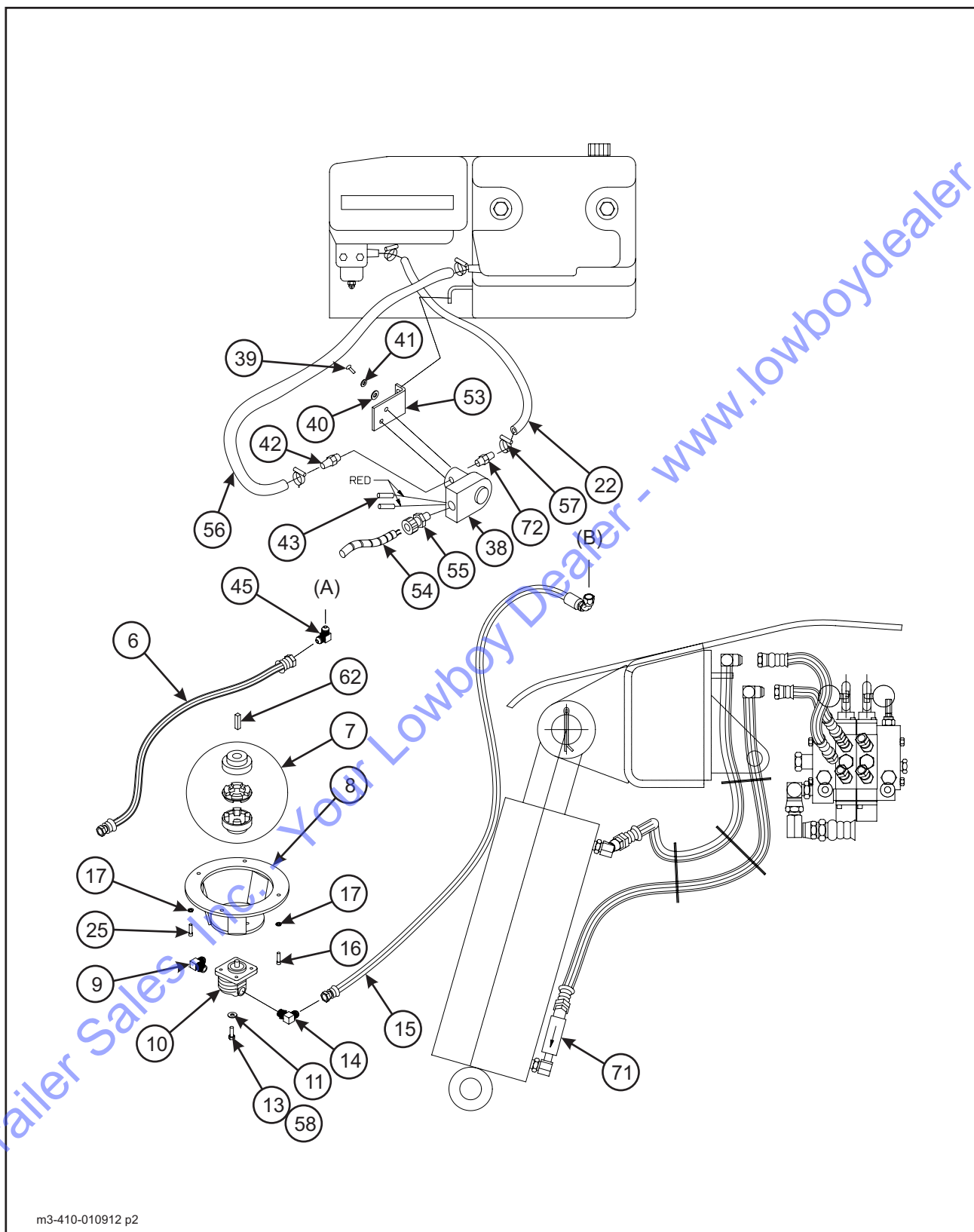


Figure 1-59 42-11 HP Honda Engine Drive Installation (Option)
(2 of 2)

42-11 HP HONDA ENGINE DRIVE INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-410-010912	42-11 HP HONDA ENGINE DRIVE INSTALLATION	
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	5/16-18 X 2 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	1/4-20 X 1-1/4 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

42-11 HP HONDA ENGINE DRIVE INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
48	3-156-010042	CABLE ASSEMBLY	2
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	237-2308-004	GROMMET 1" (NOT SHOWN)	1
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	1-822-010002-5	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-146	CONNECTOR, FEMALE 1/4 SPADE INSULATED	1
71	3-846-010156	VALVE, RESTRICTOR ONE WAY	2
72	144736	HOSE BARB	1

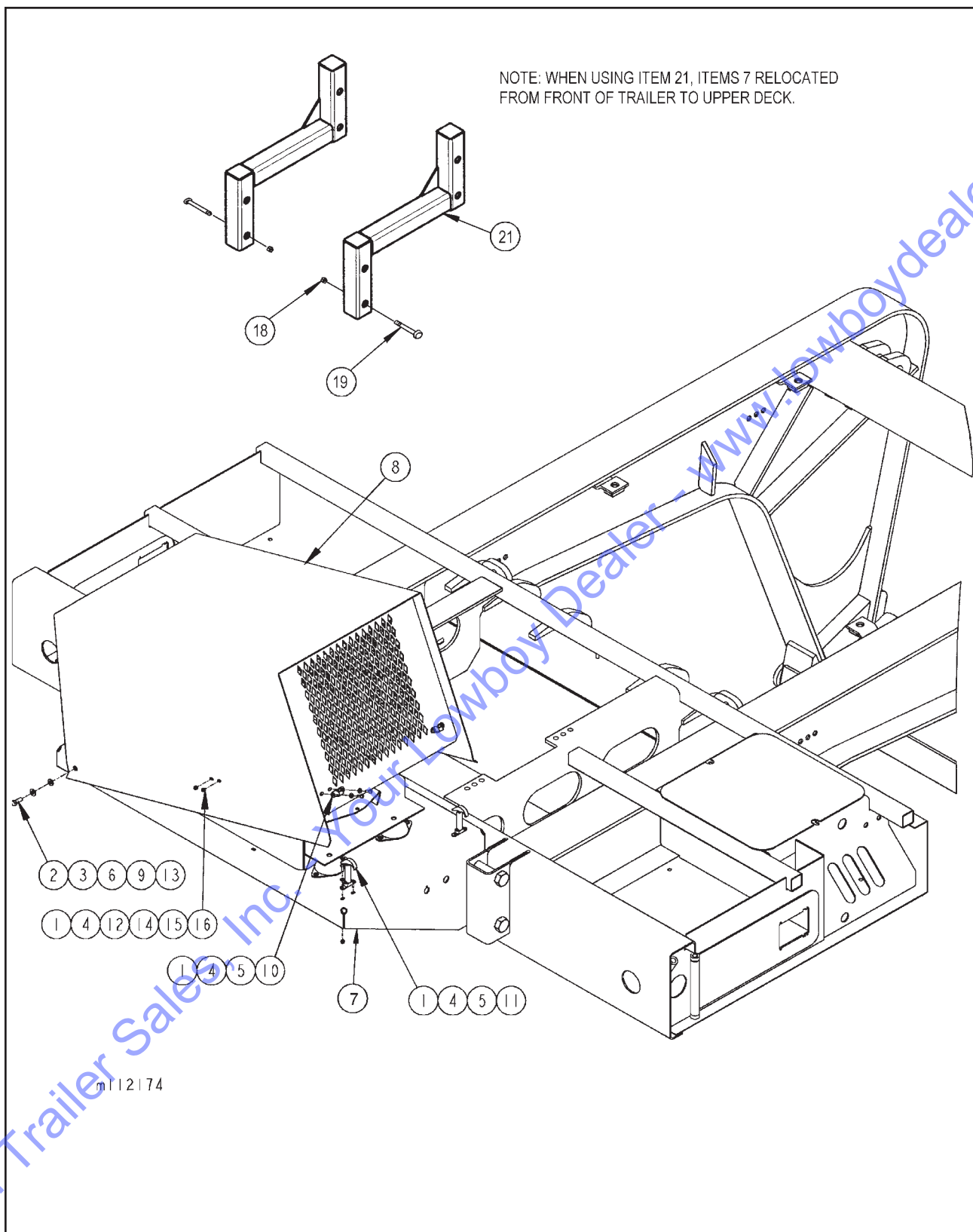
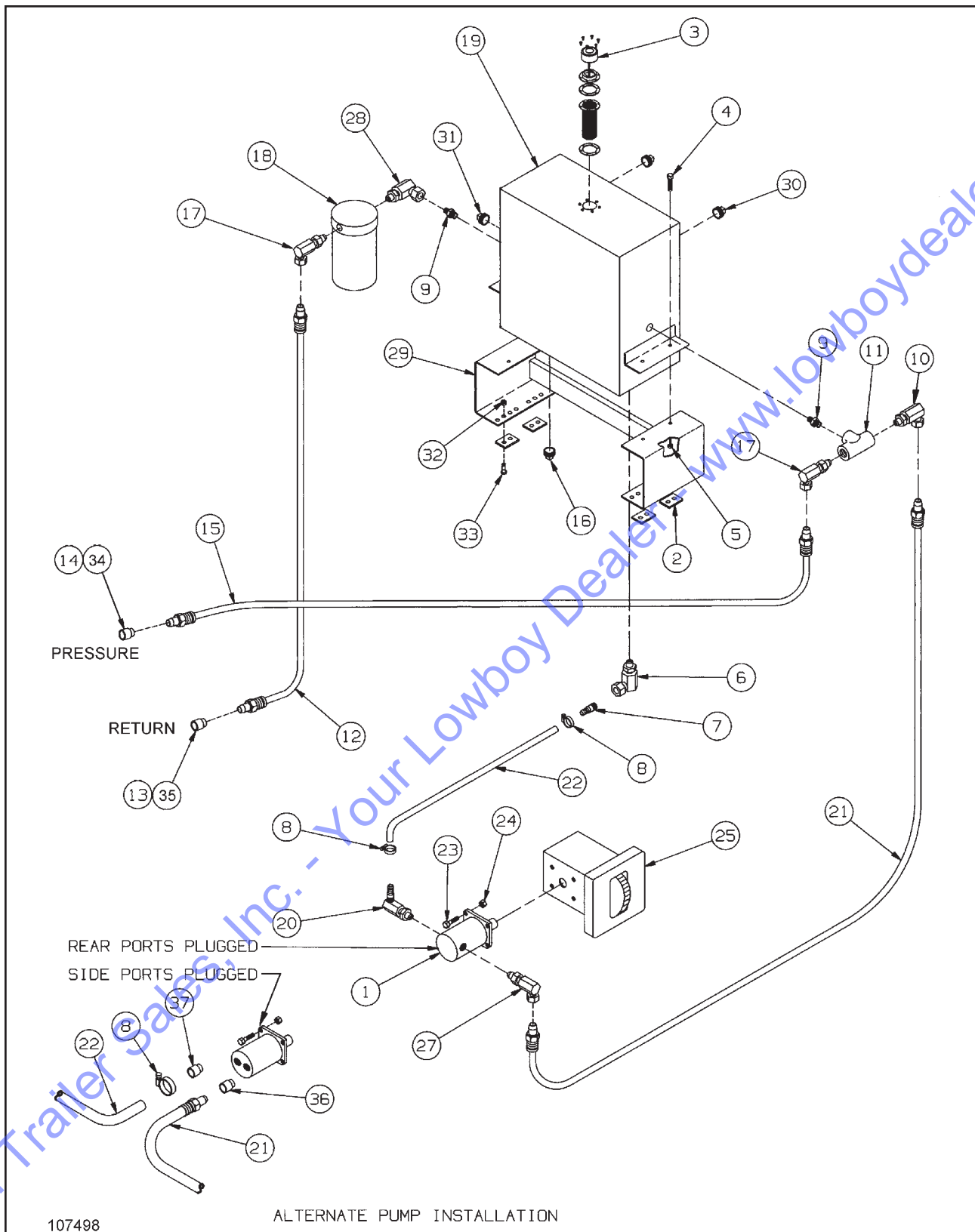


Figure 1-60 Front Mount Engine Cover Installation (Option)

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 1-99)	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 PKG 825 DECK	1
17	1-397-010302042	HOSE ASSEMBLY, 1/2 X 42 (NOT SHOWN) (REPLACES ITEM 68 PAGE 1-103)	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 1-102)	1
21	118006	MOUNT WELDMENT ENG PKG 825 DECK	2



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 (SEE PAGE 1-109)	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

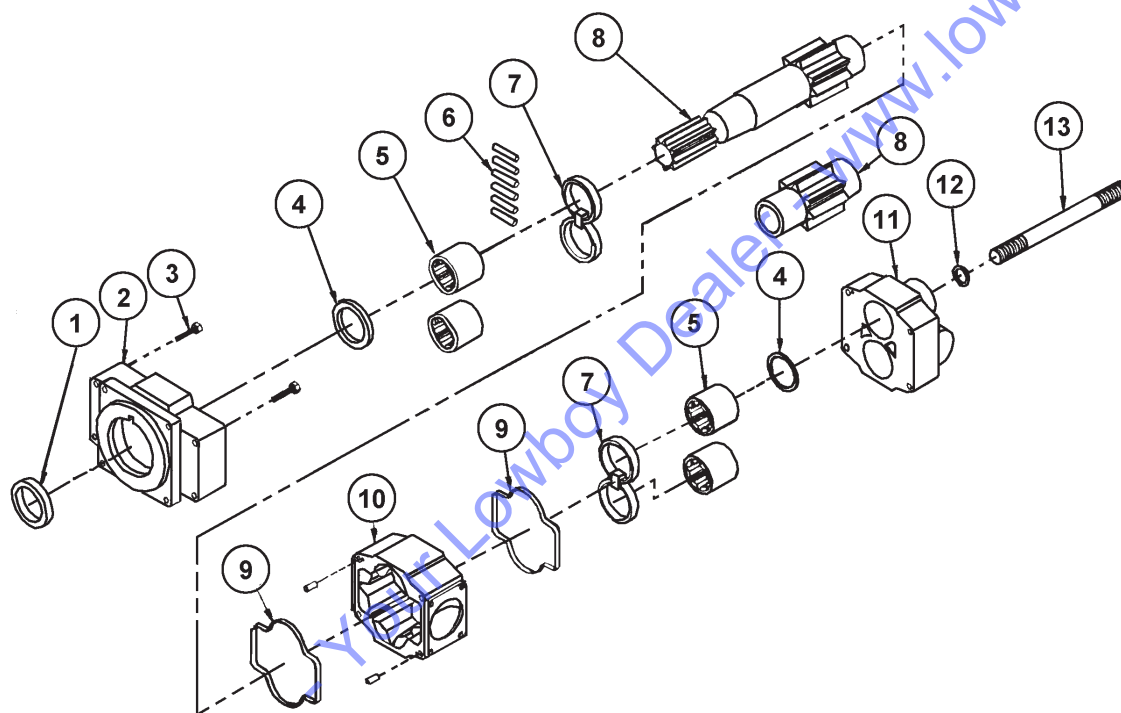
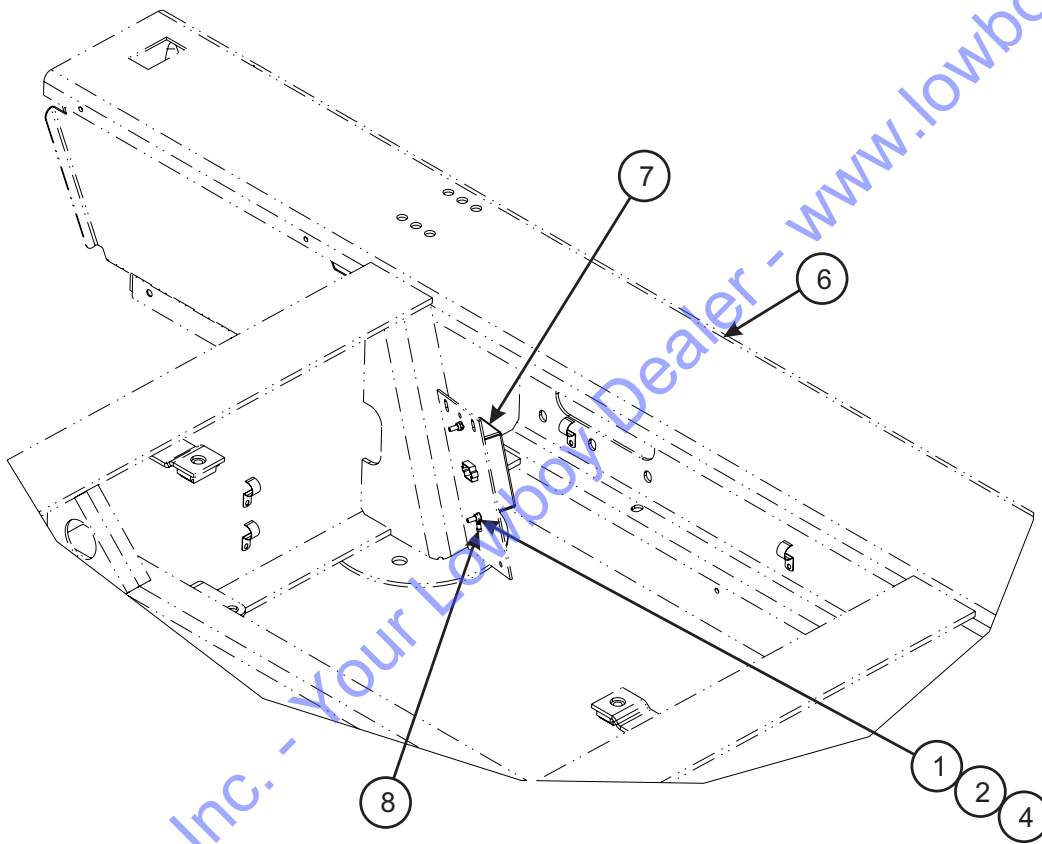


Figure 1-62 Hydraulic Pump, Wet Kit (Option)

HYDRAULIC PUMP, WET KIT (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-591-010001	HYDRAULIC PUMP ASSEMBLY	1
1	X73-37-16	SEAL SHAFT	1
2	EB 1685-3	COVER SHAFT END	1
3	M 1391-K	CHECK	2
4	LB 1669-1	SEAL RING	2
5	Y 1032	BEARING ROLLER	4
6	BA 3026-2	STRIP POCKET SEAL	1
7	AA 1058	PLATE THRUST	2
8	BD 1135M-3-17	GEAR SET SHAFT	1
9	UB 3006-242	GASKET HOUSING	2
10	RA 1688-17-64	HOUSING	1
11	XA 1603	PORT END	1
12	X 144-3	WASHER	1
13	X2-25	STUD	1
	391-1802-119	SEAL KIT	



m126359

Figure 1-63 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 (NOT SHOWN)	1
9	3-395-010001	HOSE, CF FIRE (NOT SHOWN)	AR

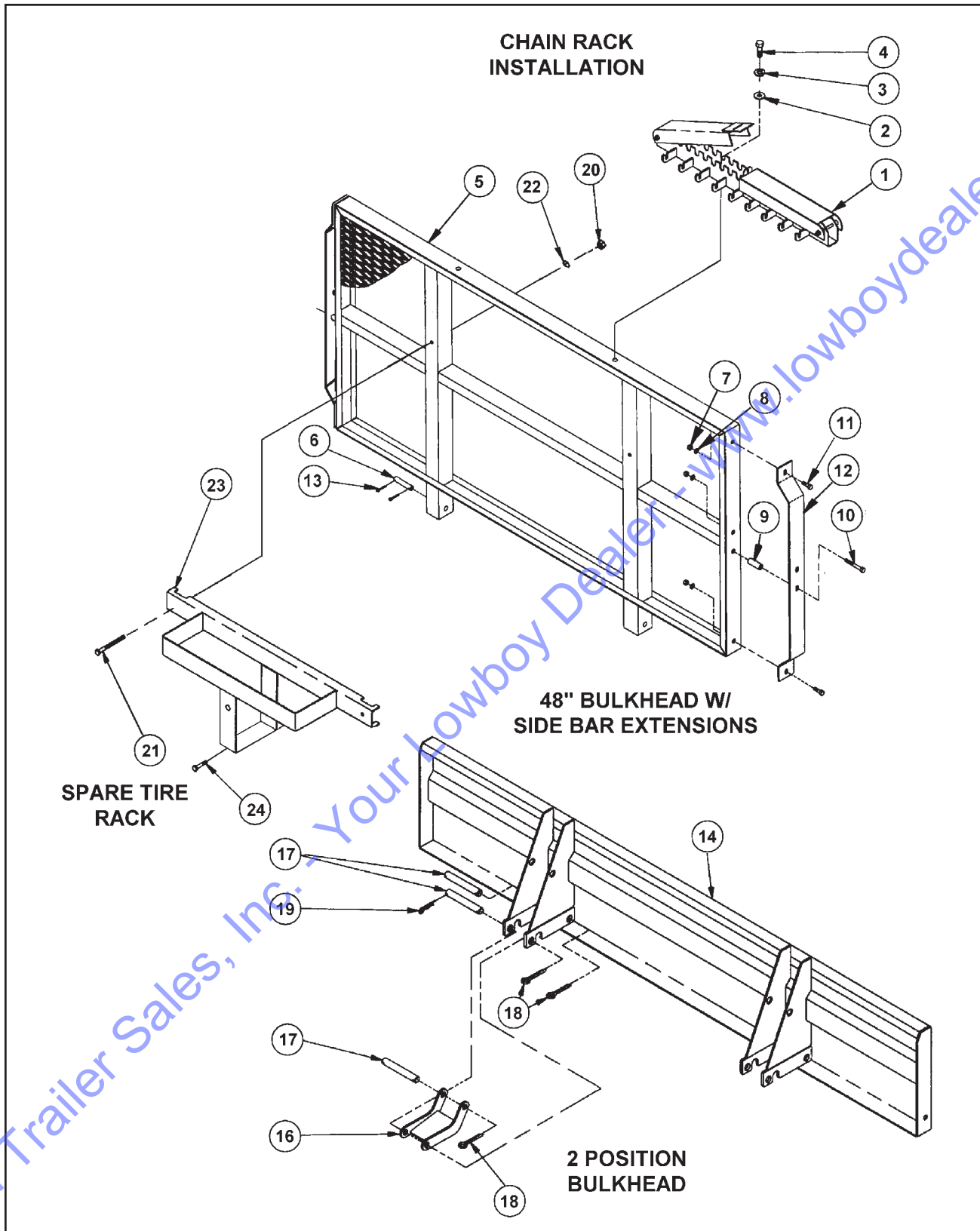


Figure 1-64 Bulkhead and Chain Rack Installation (Option)

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)	
	3-141-010123	BULKHEAD INSTALLATION 2 POSITION (ITEMS 14-19)	
	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

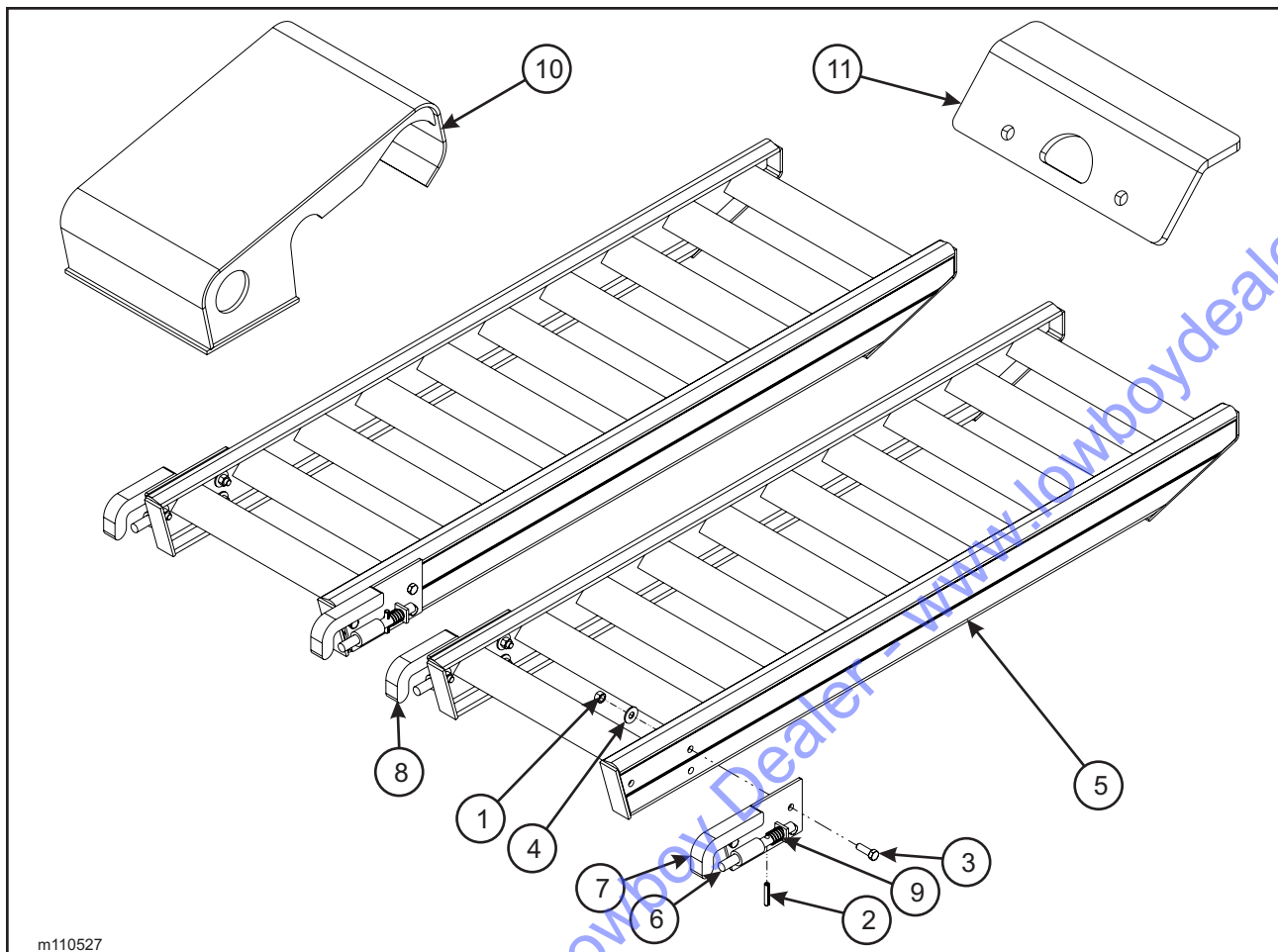


Figure 1-65 Aluminum Beavertail Ramp Assembly (Option)

ALUMINUM BEAVERTAIL RAMP ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	110527	RAMP ASSEMBLY 5.5 FT ALUM	
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 ALUM	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	105300	RAMP WELDMENT, FRONT FULLOUT FILLER (825)	2
	129879	RAMP WELDMENT, TRACK ASSIST (835)	2
11	135777	RAMP MOUNT, ADAPTER WELDMENT	2

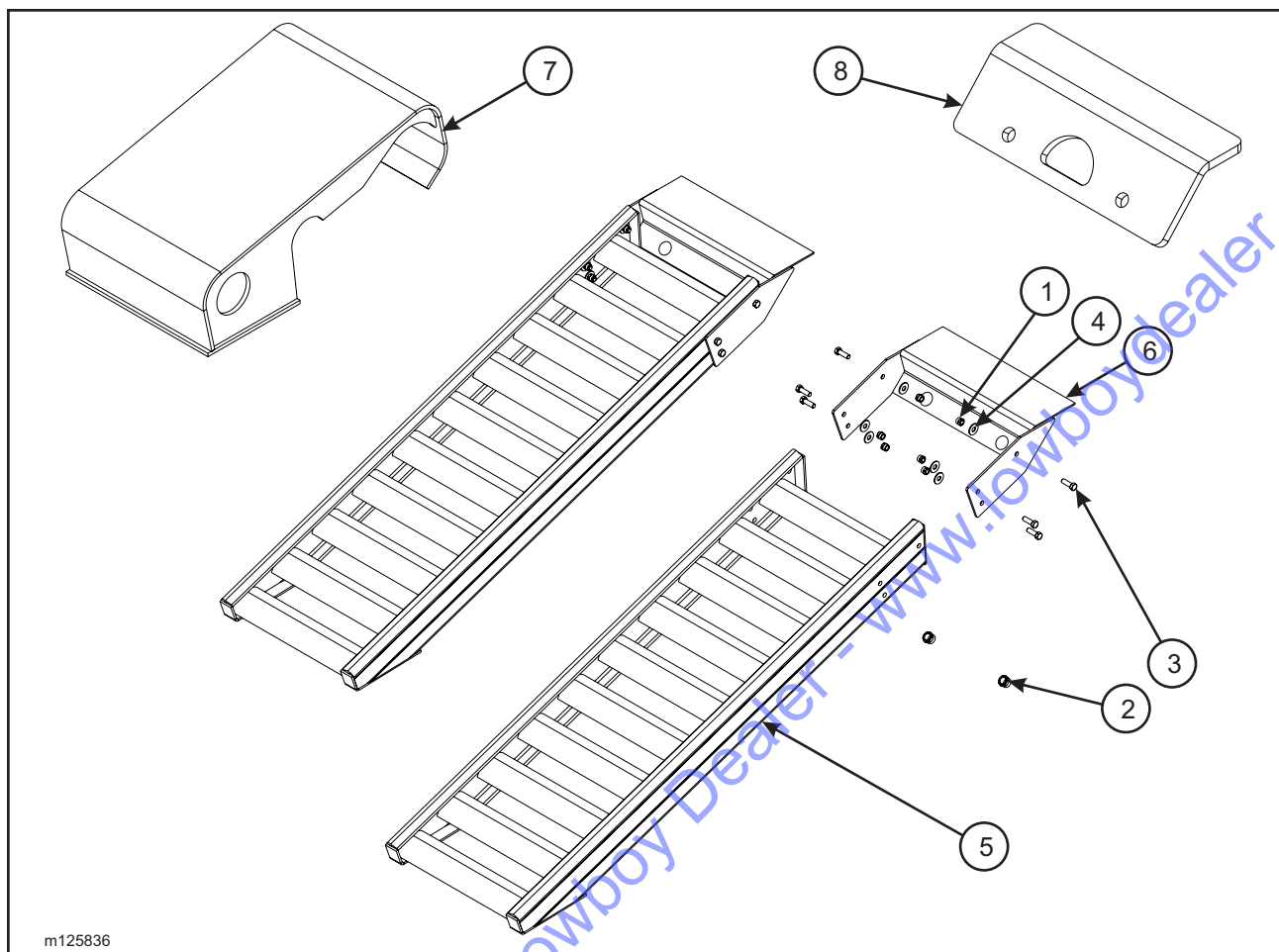


Figure 1-66 Aluminum Trunnion Ramp Assembly (Option)

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	105300	RAMP WELDMENT, FRONT FULLOUT FILLER (825)	2
	129879	RAMP WELDMENT, TRACK ASSIST (835)	2
8	135777	RAMP MOUNT, ADAPTER WELDMENT	2

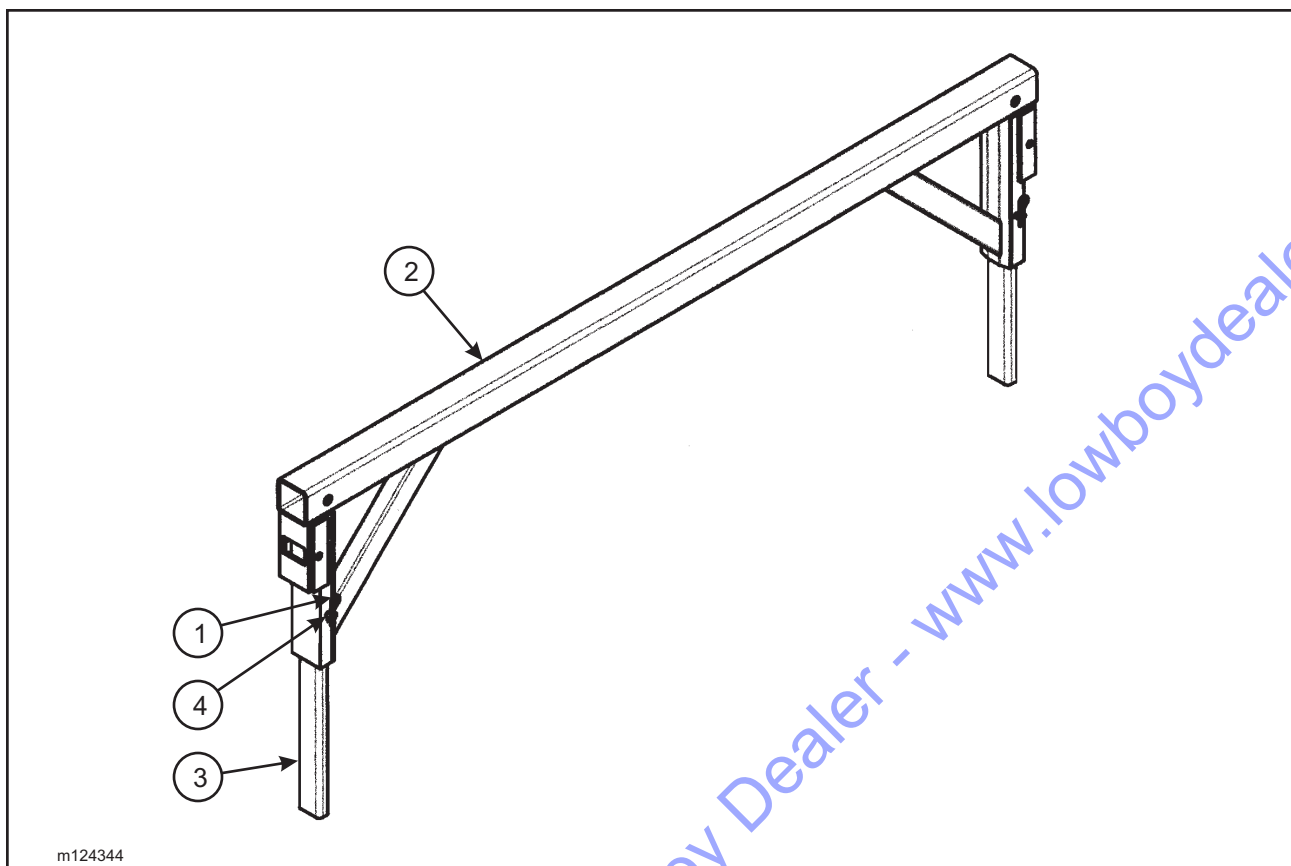


Figure 1-67 Header Rack Assembly, Adjustable Legs (Option)

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, ADJ LEG	1
3	124348	LEG, ADJUSTABLE HEADER RACK	2
4	2-557-010053	PIN, LOCK OUT	2

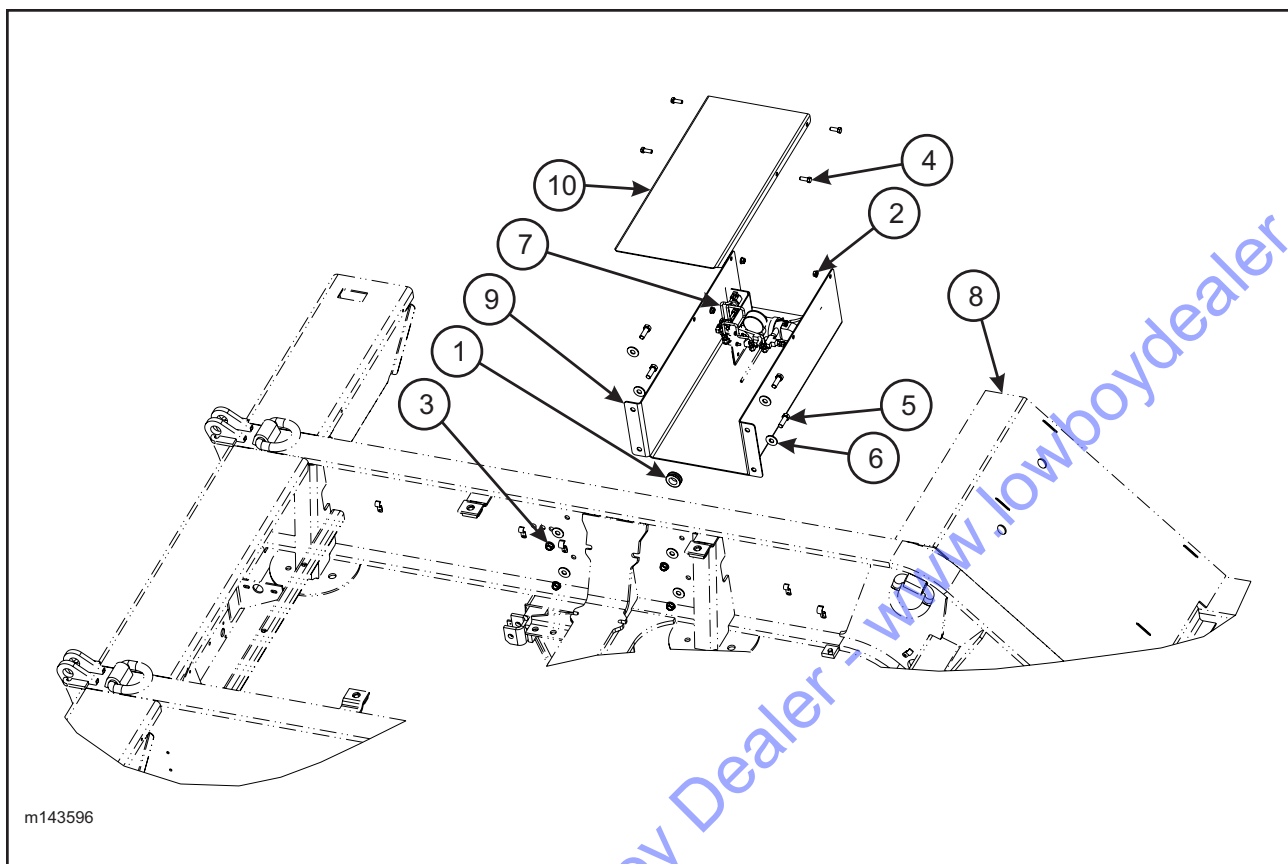


Figure 1-68 Air R/L Mount Kit (Option)

AIR R/L MOUNT KIT (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	143596	AIR R/L MOUNT KIT (OPTION)	
1	1-343-010007	GROMMET	1
2	1-510-010001	NUT, FLANGE LOCK 3/8-16	4
3	1-510-010003-09	NUT, FLANGE HEAD SERRATED 1/2-13	4
4	1-654-010051-05	SCREW, HEX HEAD CAP 3/8-16 X 1 GR5	4
5	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
6	1-861-010032-15	WASHER, FLAT 1/2W	8
7	112326	AIR R/L CONTROL ASSEMBLY	REF
8		FRAME WELDMENT	REF
9	143594	SHIELD WELDMENT, AIR R/L MOUNTING	1
10	143595	COVER, AIR R/L	1

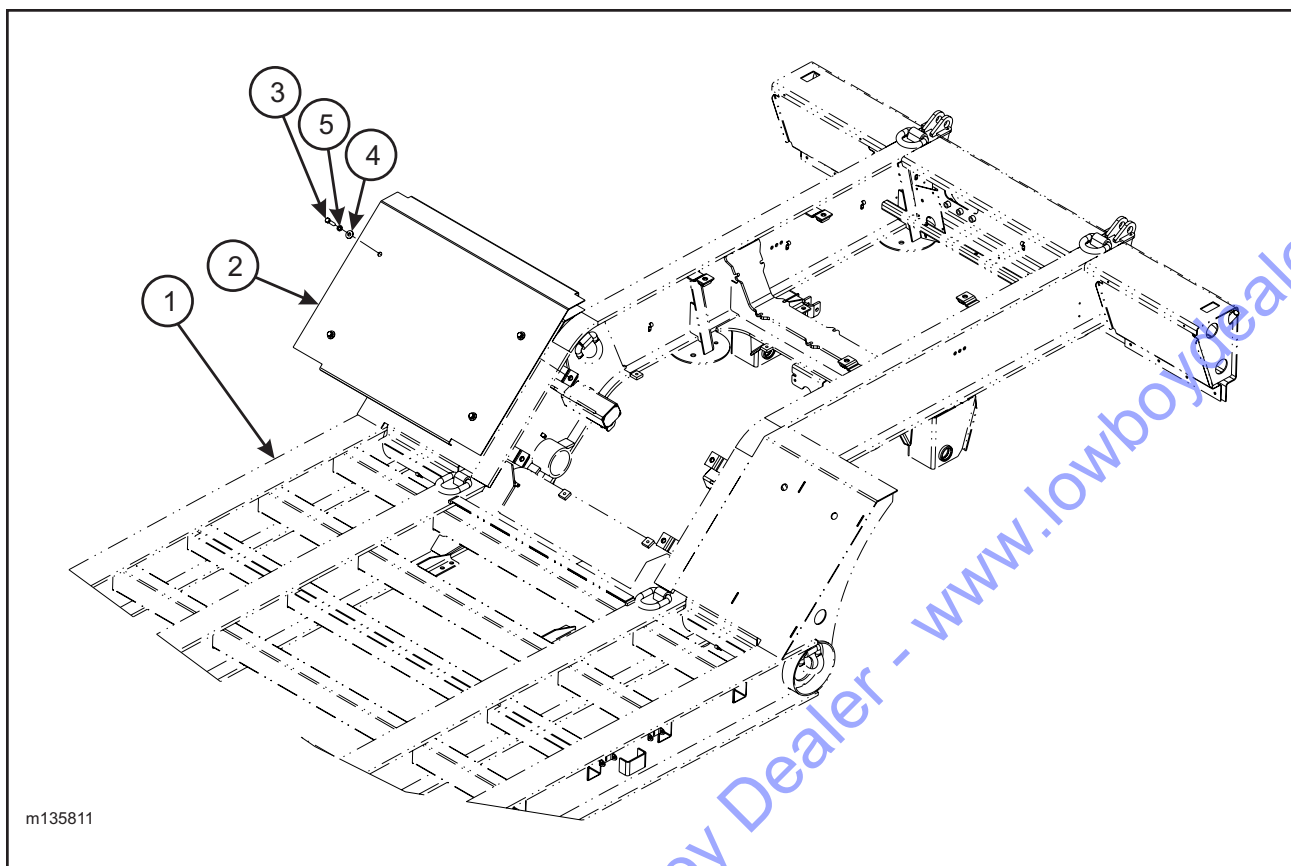


Figure 1-69 Slope Cover Assembly (Option)

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

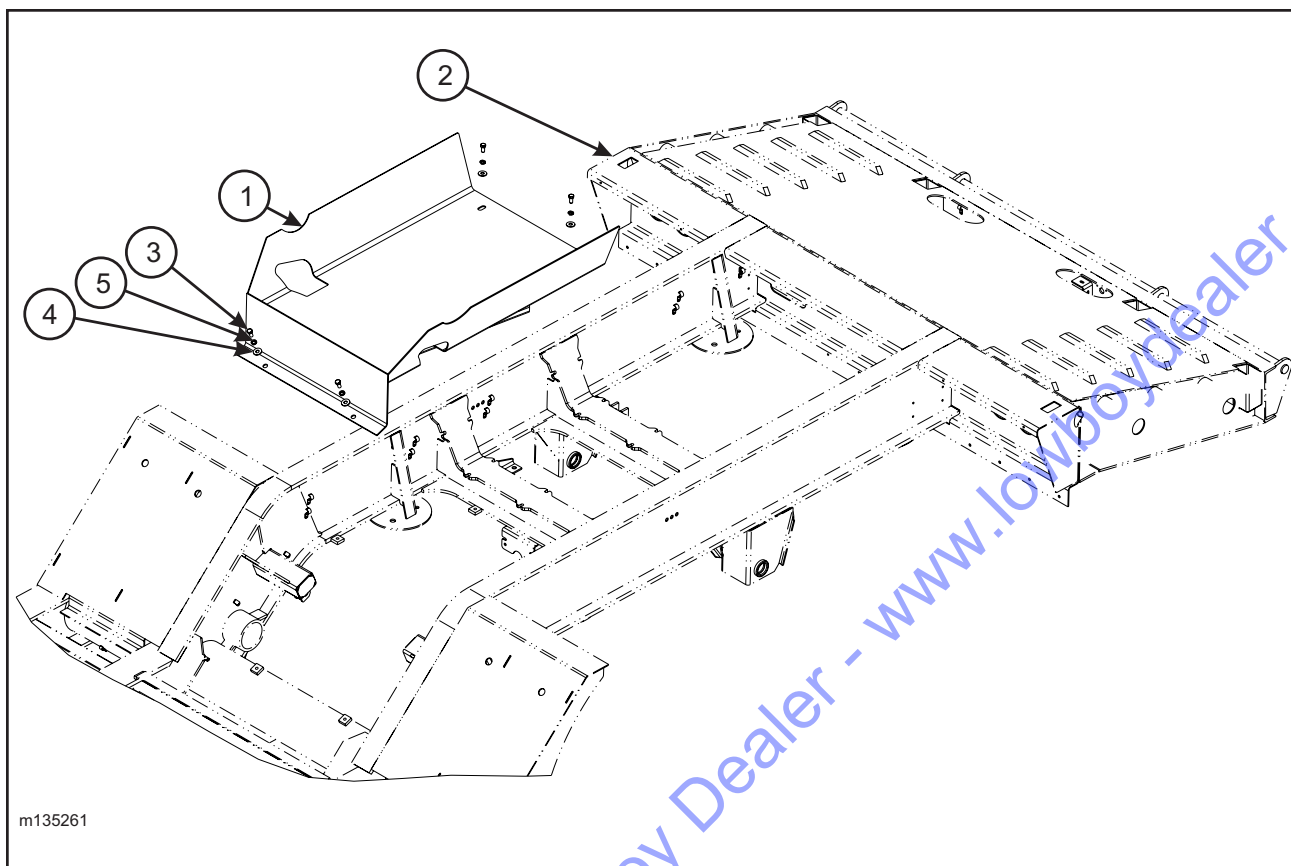


Figure 1-70 Tray Assembly (Option)

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

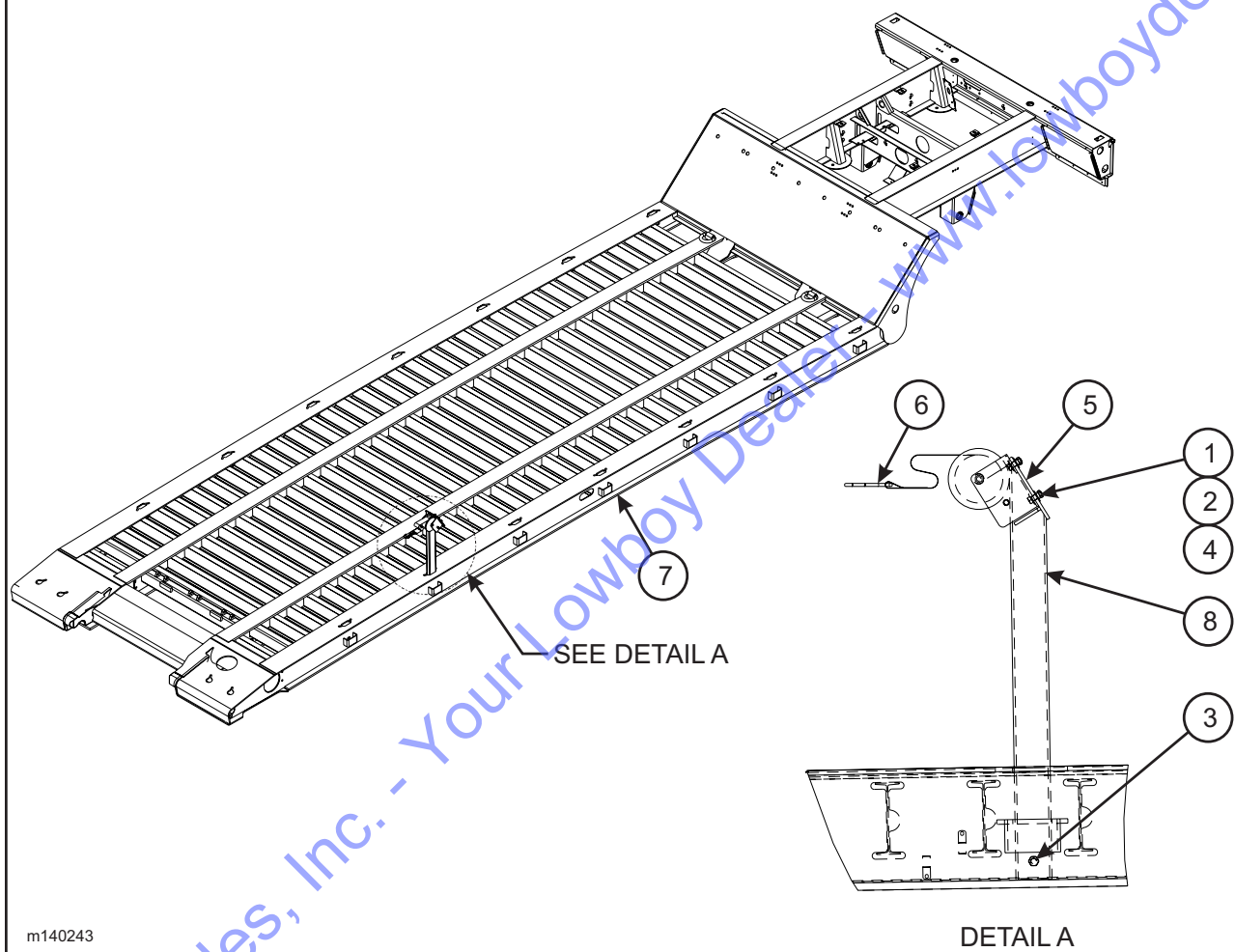


Figure 1-71 Ramp Lift Assembly (Option)

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

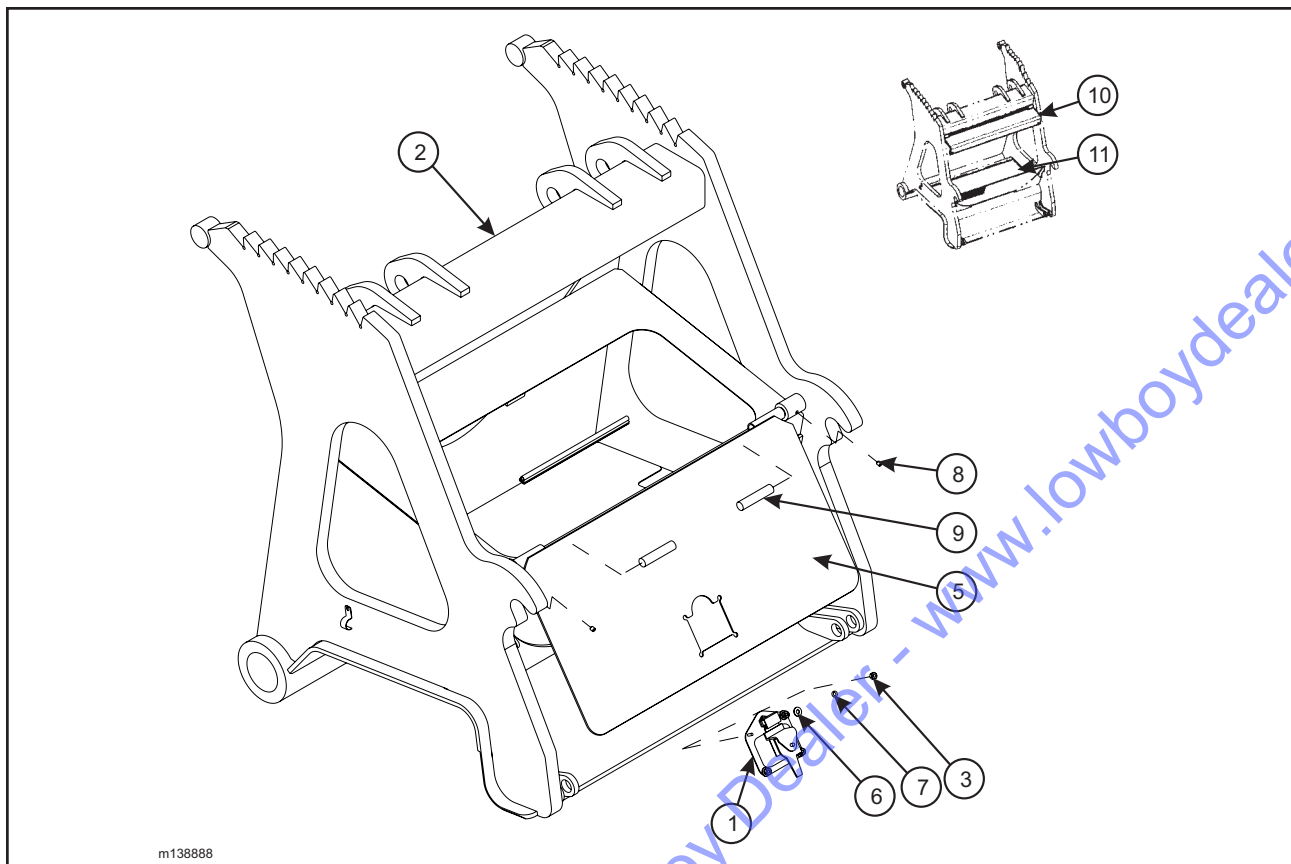


Figure 1-72 Toolbox Assembly (Option)

TOOLBOX ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	138888	TOOLBOX ASSEMBLY	
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	114469	TRAY, CHAIN	1

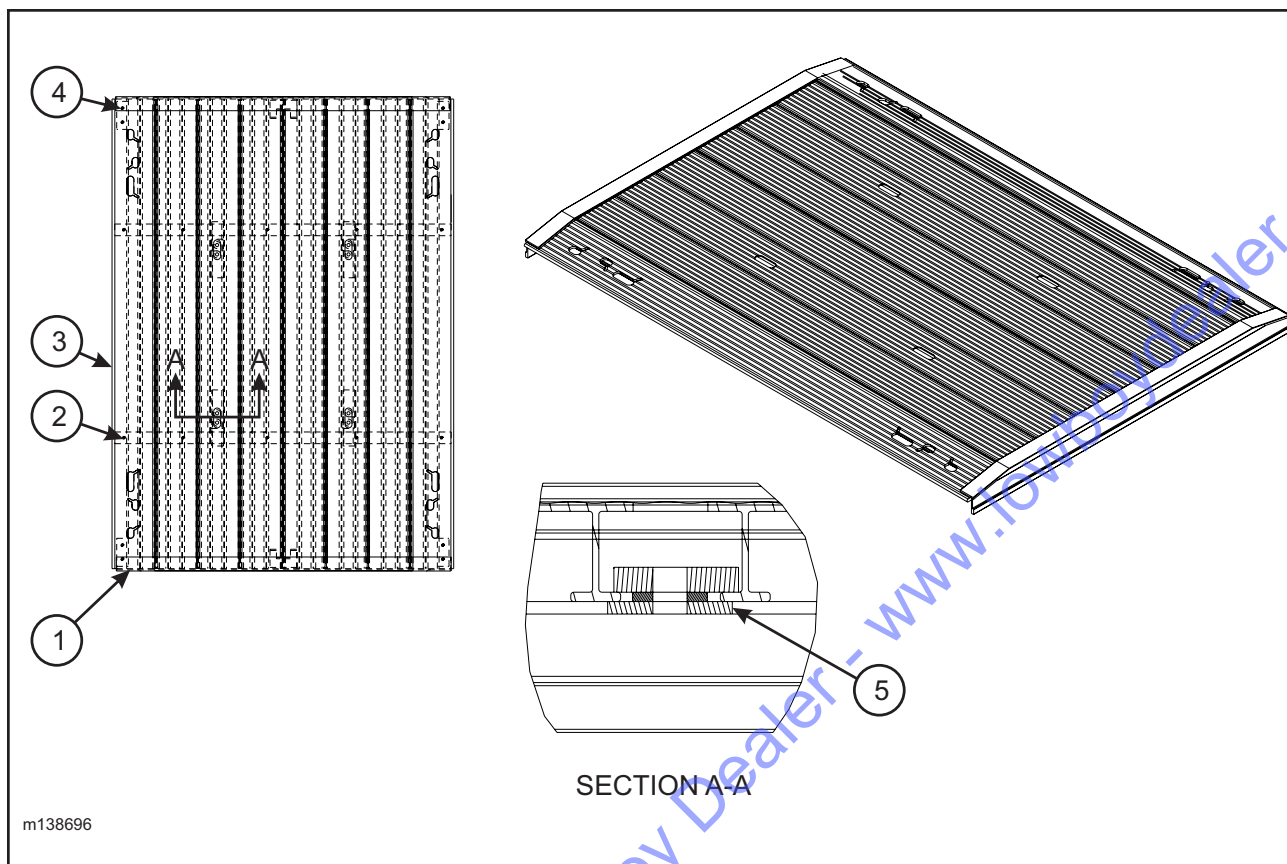


Figure 1-73 UHMW Under Aluminum Deck (Option)

UHMW UNDER ALUMINUM DECK (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	138696	UHMW UNDER ALUMINUM DECK	
1	105193	BED WELDMENT, ALUM	REF
2	133844	SCREW, TORX FLOORING 1/4 X 1	18
3	138697	UHMW X 72	2
4	138698	UHMW X 6	4
5	140055	SPACER, NYLATRON BED	4

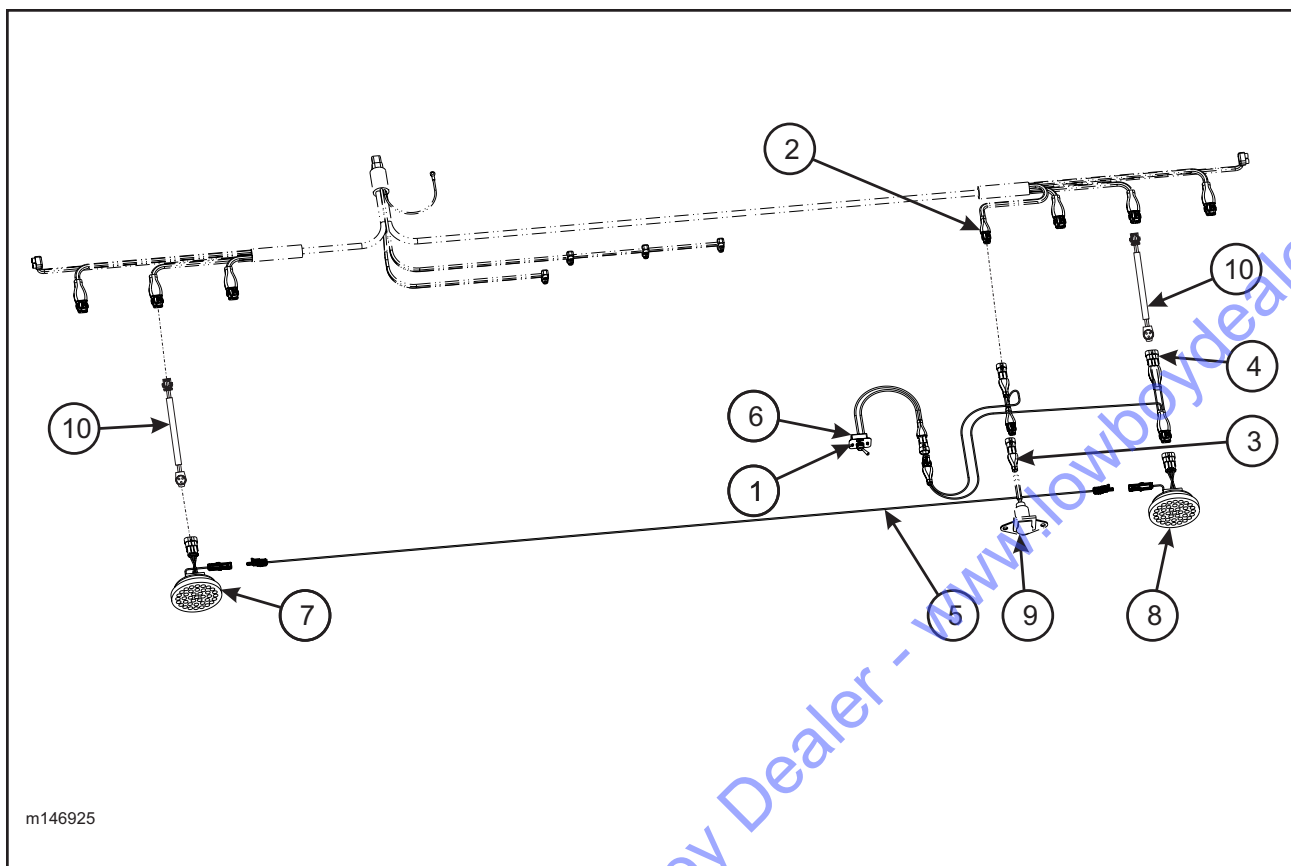


Figure 1-74 Rear Turn/Strobe Light Assembly (Option)

REAR TURN/STROBE LIGHT ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	146925	STROBE BUMPER MOUNT LIGHT INSTALLATION	
1	130116	DECAL, ON/OFF LIGHT	1
2	146926	HARNESS, REAR MOD	REF
3	140019	HARNESS ASSEMBLY, REAR 4 WAY RECEPTACLE	REF
4	140020	HARNESS JUMPER STROBE LIGHT	1
5	140021	HARNESS JUMPER, SYNC STROBE	1
6	140022	SWITCH ASSEMBLY, STROBE LIGHT	1
7	130521	LIGHT, STROBE	1
8	130522	LIGHT, STROBE	1
9	3-272-010003	4 POLE ELECTRICAL FEMALE CONNECTOR	REF
10	146927	ADAPTER, PLUG	2

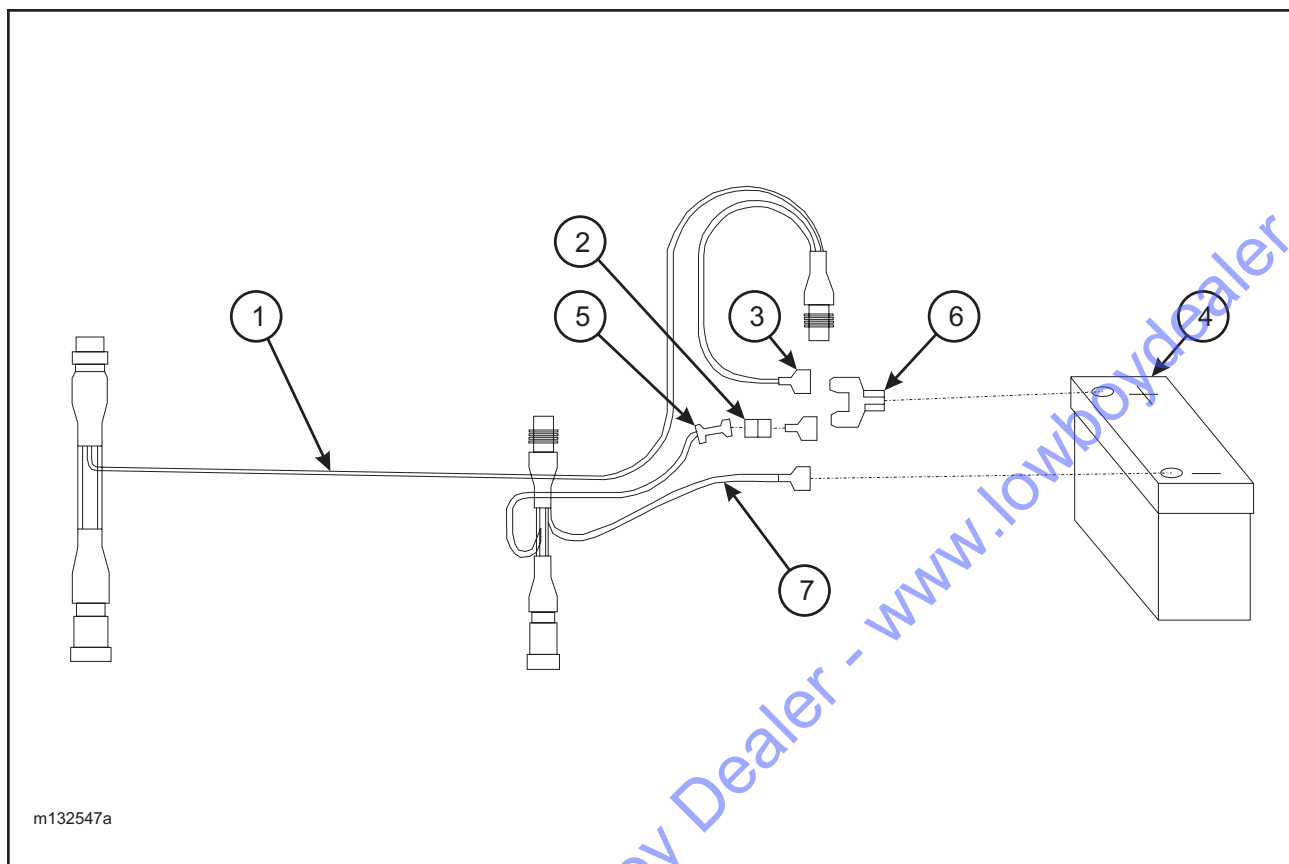


Figure 1-75 Battery Backup, Bumper Strobe Light (Option)

BATTERY BACKUP BUMPER STROBE LIGHT

ITEM	PART NO.	DESCRIPTION	QTY.
	132547	BATTERY BACKUP BUMPER STROBE LIGHT	
1	140020	HARNESS, JUMPER STROBE LIGHT	REF
2	2-272-010109	DIODE, ZENOR 20 V 5 WATT	1
3	239-3650-1	TERMINAL, FEMALE SLIP ON	3
4	3-128-010032	BATTERY BRAKE-AWAY	1
5	3-272-010021	ELECTRICAL BUTT SPLICE	2
6	3-272-010157	ELECTRICAL ADAPTER CHAIR	1
7	1-879-010010	WIRE, 14 AWG WHITE	AR

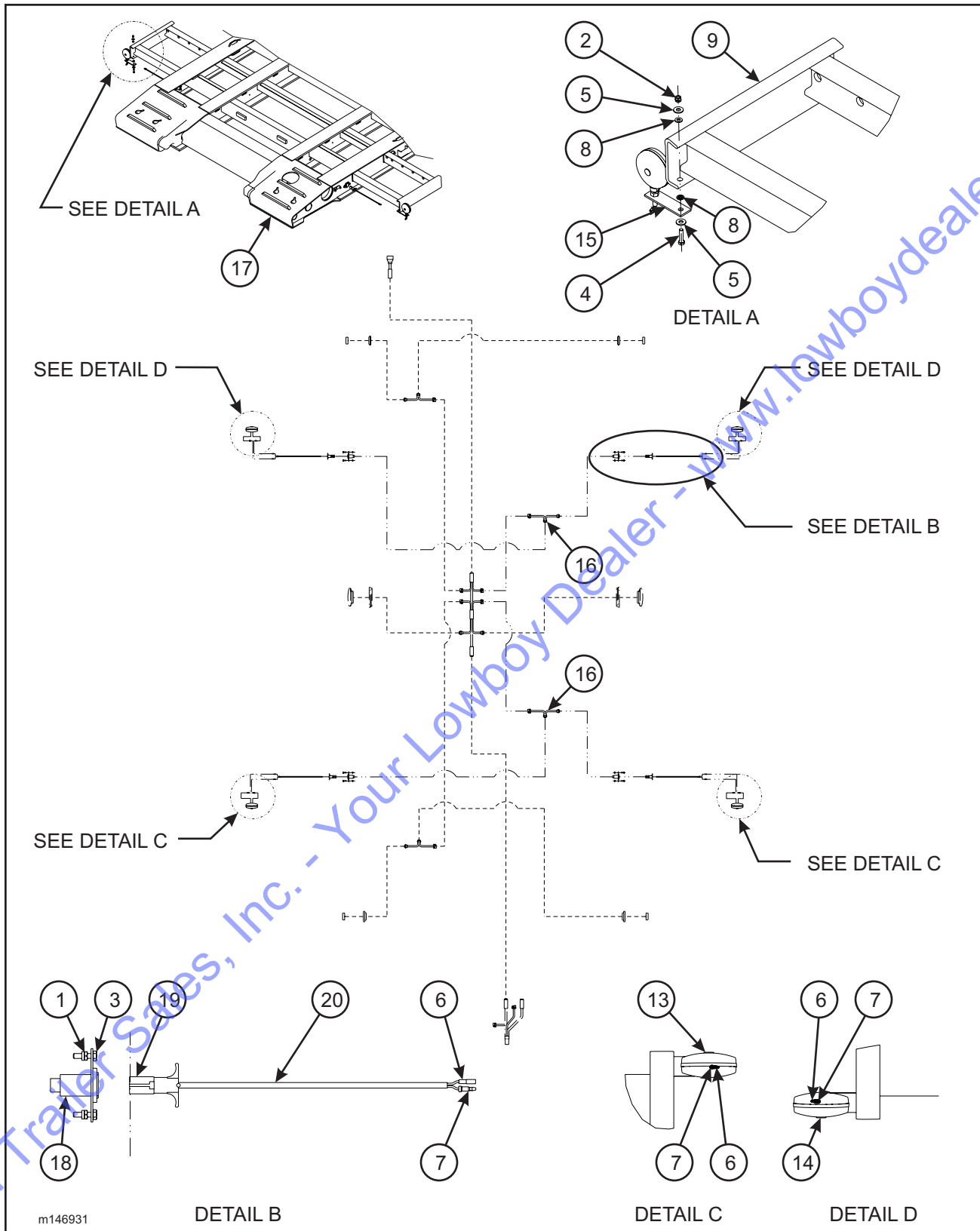


Figure 1-76 Pullout Extension Mounted Light Package (Option)

PULLOUT EXTENSION MNTD LIGHT PACKAGE (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	146931	PULLOUT EXTENSION MNTD LIGHT PACKAGE (OPTION)	
1	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	8
2	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	4
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	104043	CONNECTOR, .180 DIA MALE BULLET	8
7	104044	CONNECTOR, .180 DIA FEMALE BULLET	8
8	112248	NYLON SHOULDER WASHER	8
9	112598	PULL-OUT ASSEMBLY, RH	REF
11	112599	PULL-OUT ASSEMBLY, LH	REF
13	129893	LAMP, YELLOW TURN SIGNAL STUD MOUNT	2
14	129894	LAMP, RED TURN SIGNAL STUD MOUNT	2
15	129895	BRACKET, LAMP MOUNTING PULLOUT EXT	4
16	143106	HARNESS, MARKER FRONT BED GROTE	2
17	-----	FRAME WELDMENT	REF
18	3-272-010003	4 POLE ELECTRICAL, FEMALE CONNECTOR	4
19	3-272-010010	CONNECTOR ELECT 4 POLE MALE	4
20	W214S-1	CABLE, 2 WIRE 14AWG PVC JACKET	AR

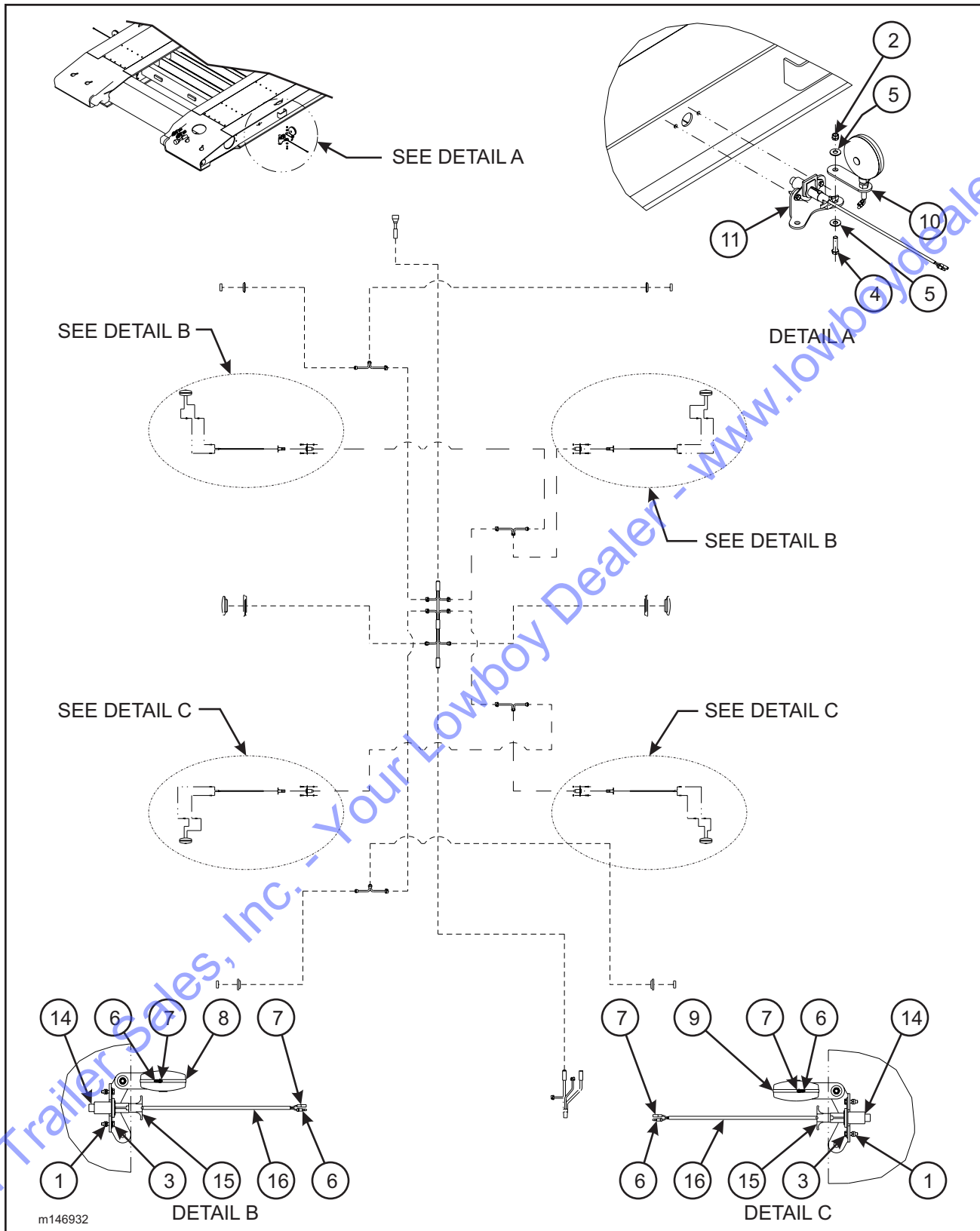
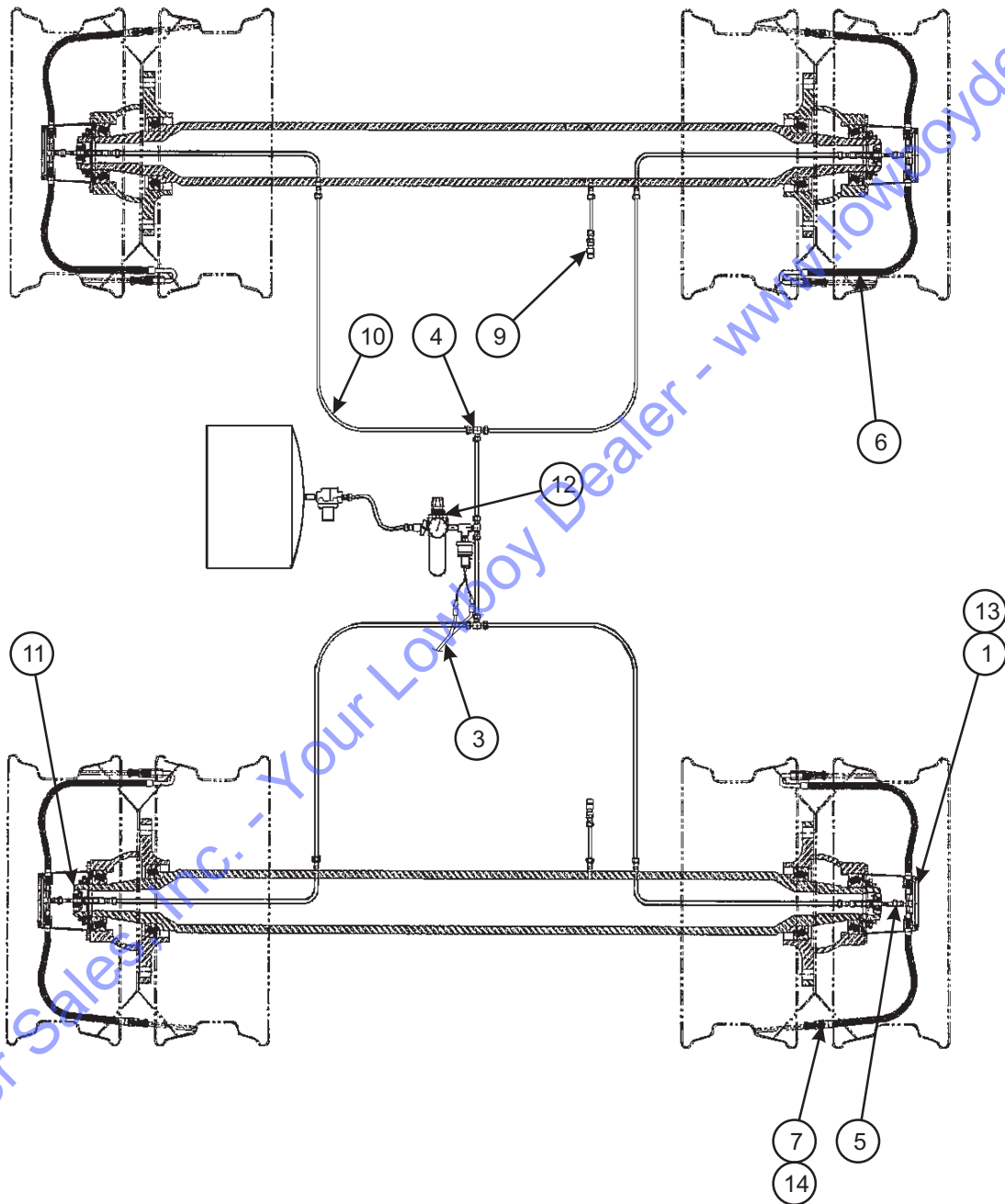


Figure 1-77 Web Mounted Four Corner Light Package (Option)

WEB MOUNTED FOUR CORNER LIGHT PKG (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	146932	WEB MOUNTED FOUR CORNER LIGHT PACKAGE (OPTION)	
1	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	8
2	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	4
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	104043	CONNECTOR, .180 DIA MALE BULLET	8
7	104044	CONNECTOR, .180 DIA FEMALE BULLET	8
8	129893	LAMP, YELLOW TURN SIGNAL STUD MOUNT	2
9	129894	LAMP, RED TURN SIGNAL STUD MOUNT	2
10	139132	BRACKET, LAMP MOUNTING SWING	4
11	139133	BRACKET, LAMP MOUNTING STATIONARY	4
12	143106	HARNESS, MARKER FRONT BED GROTE	2
13	----	FRAME WELDMENT	REF
14	3-272-010003	4 POLE ELECTRICAL FEMALE CONNECTOR	4
15	3-272-010010	CONNECTOR, ELECT 4 POLE MALE	4
16	W214S-1	CABLE, 2 WIRE 14AWG PVC JACKET	AR



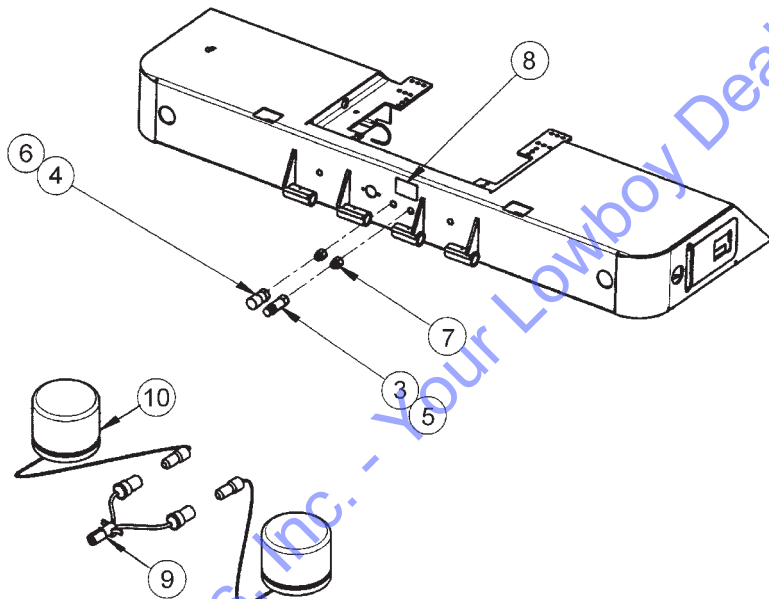
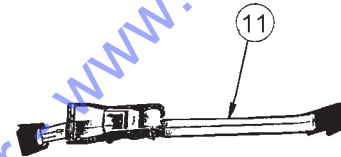
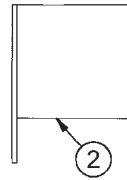
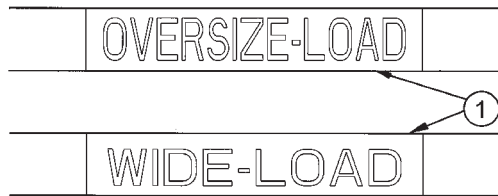
m135346

Figure 1-78 Tire Inflation System (Option)

TIRE INFLATION SYSTEM (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	135346	TIRE INFLATION SYSTEM 2AX	
	137791	TIRE INFLATION SYSTEM 3AX	
1	148412	HUBCAP GASKET - 6 HOLE	*4, 6
2	1-796-010004-02	21" X 3/8 WIRE TIE (NOT SHOWN)	*6, 9
3	W-214S-1	WARNING LIGHT WIRING	AR
4	148413	DUAL AXLE HARDWARE KIT (135346)	1
	148417	TRIPLE AXLE HARDWARE KIT (137791) (KITS INCL TEES, TUBE STRAIN RELIEF, SCREWS, PRESSURE RELIEF VALVE, WARNING LIGHT, AND ELECTRICAL PARTS)	1
5	148414	ROTATING SHAFT ASSEMBLY .900"	*4, 6
6	145621	HOSE ASSEMBLY, OUTER DUAL LG TIRES	*4, 6
7	145620	HOSE ASSEMBLY, INNER DUAL LG TIRES	*4, 6
9	148415	AXLE VENT ASSEMBLY W/ DUCKBILL	*2, 3
10	1-833-010001	NYLON TUBE	AR
11	139528	1.75" INTEGRATED SPINDLE PLUG AXLE KIT	*2, 3
12	148416	REGULATOR ASSEMBLY, W/O PRESSURE GAUGE	1
13	139529	LOW PROFILE 5.5" HUBCAP ASSEMBLY	*4, 6
14	148418	HAND TIGHT HUBCAP CONNECTION, VALVE ASSY (137791)	12

* 1ST QUANTITY IS FOR P/N 135346; 2ND QUANTITY IS FOR P/N 137791



105297

Figure 1-79 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

NOTES:

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105408	037	107887	025	110975(2023—T)	077
105479	045	107888	005	110976(66884)	077
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105479	107	108801	060	111021	029
105479	133	108801	063	111021	039
105480	045	108801	067	111030	035
105480	047	108801	071	111031	035
105480	099	108802	025	111033	035
105480	107	108802	060	111033	037
105480	133	108802	063	111034	037
105481	045	108802	067	111035	037
105481	047	108802	071	111036	035
105481	107	108859	013	111036	037
105481	133	109166	045	111037	037
105482	045	1-1/4ST ELL	107	111038	037
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105482	107	110-05-104	037	11117	081
105482	133	11011	081	11128	081
105483	045	11014	085	11129	081
105483	047	11025	085	11130	082
105822	097	11026	084	11133	081
105822	133	11026	085	111382	087
105902	133	110-4337	103	111390	087
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106654	133	110527	114	11144	081
106655	133	110616	035	1114-5	086
106657	097	110618	017	111641	089
106658	097	110618	023	111641	091
106684	133	110618	027	111652	077
106693	097	110618	029	112172	099

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112174	105	11430	084	115757	073
112175	105	11431	084	115877	122
112184	099	11434	084	11599	084
112248	105	11435	085	11603	093
112248	127	11440	084	1165	094
112324	041	11441	084	116606	049
112325	041	11442	084	117304	063
112326	041	11443	093	117304	071
112326	117	11445	084	11750	093
11240	082	11446	084	11767	081
112488	037	114466	122	117835	097
112489	037	114469	122	117838	025
112529	133	11449	084	117839	025
112598	013	114568	097	11791	085
112598	127	114569	097	11799	081
112599	013	114584	060	118005	105
112599	127	114584	063	118006	105
112621	013	114584	075	118-2650-6	031
112622	013	114586	063	118-2650-6	073
112655	013	114586	067	118-2659-9	063
112986	113	114586	071	118-2659-9	071
112987	113	114586	075	11837	082
113026	013	114587	075	11842	085
11308	081	114588	075	1188	093
11309	084	114590	060	11977	093
11310	084	114590	063	120675	009
113109	133	114590	067	120680	097
113292	037	114590	071	120681	097
11368	081	114590	075	120682	097
11398	085	114723	009	120685	013
11402	084	114724	009	12073	084
11404	084	114741	013	12075	081
11405	084	114814	122	120819	023
11407	084	114815	122	121355	017
11411	084	1157	094	121355	023
11414	084	115717	043	121355	033
11419	084	115722	043	12146	085
11420	084	115752	017	12-16 070120	107
11421	084	115752	023	12228	085
11425	084	115756	017	124344	116
11426	085	115756	023	124345	116
11427	084	115757	023	124348	116

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125130	107	1-297-010008-05	041	1-297-010015-03	089
12516	094	1-297-010008-07	025	1-297-010015-03	091
125520	013	1-297-010008-07	027	1-297-010015-06	025
125833	115	1-297-010008-07	029	1-297-010015-07	060
125836	115	1-297-010008-07	041	1-297-010015-07	063
125872	045	1-297-010008-07	089	1-297-010015-07	067
126359	111	1-297-010008-07	091	1-297-010015-07	071
1-271-010005-05	102	1-297-010008-18	025	1-297-010018-02	025
12767	085	1-297-010008-18	031	1-297-010020-02	025
127754	133	1-297-010008-18	060	1-297-010020-02	041
12780	081	1-297-010008-18	063	1-297-010022-02	025
12781	085	1-297-010008-18	067	1-297-010022-03	029
12783	084	1-297-010008-18	071	1-297-010022-03	031
127844	023	1-297-010008-20	025	1-297-010022-03	060
12817	082	1-297-010008-20	060	1-297-010022-03	063
128436	111	1-297-010008-20	063	1-297-010022-03	067
128650	017	1-297-010008-20	067	1-297-010022-03	071
128661	013	1-297-010008-20	071	1-297-010033-03	025
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128709	004	1-297-010008-24	063	129874	023
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128712	013	1-297-010009-02	041	129877	009
128715	009	1-297-010009-03	025	129879	114
128739	031	1-297-010010-01	041	129879	115
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128798	013	1-297-010010-04	027	129893	129
128868	097	1-297-010010-04	029	129894	127
128874	011	1-297-010010-06	063	129894	129
128886	007	1-297-010010-06	071	129895	127
129293	023	1-297-010011-04	027	13005	081
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129312	009	1-297-010011-04	031	130055	121
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1-295-010001	107	1-297-010013-11	029	13028	082
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1-297-010004-07	060	1-297-010013-12	063	130284	011
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130522	124	135184	091	138696	123
130534	079	135184	097	138697	123
130535	079	135260	119	138698	123
130536	079	135261	119	138711	005
130536	091	135346	131	138711	045
131150	009	135777	114	138711	047
131151	009	135777	115	138711	049
131195	007	135811	118	138712	045
13164	094	135812	118	138712	047
1317	094	13675	094	1388	093
131900	004	13680	081	138814	005
131900	045	136870	007	138887	122
13235	094	136871	007	138888	122
132547	125	136908	007	138961	017
132833	089	137108	133	138961	023
132833	091	137548	089	138962	017
13285	093	137550	091	138962	023
13286	093	1376	093	139132	129
13288	093	137724	093	139133	129
13288	094	137791	131	139140	102
13288	094	1-382-010035-06	089	13938	084
13295	094	1-382-010035-06	091	1395	094
13296	094	13839	082	139528	131
13297	094	1-384-010038024	031	139529	131
13299	093	1-384-010038024	063	139559	097
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13413	085	1-384-010038060	063	1-397-010302050	089
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1-343-010007	117	1-384-010038084	063	1-397-010302078	047
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134757	077	1-384-010038084	071	1-397-010304025	045
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140019	057	143111	055	146910	029
140019	124	143111	057	146911	023
140020	124	143112	055	146911	029
140020	125	143114	055	146912	023
140021	124	143117	055	146912	029
140022	124	143117	057	146913	023
140055	123	143118	055	146913	029
1402	093	143118	057	146914	023
140242	121	143119	055	146914	029
140243	121	143121	053	146918	023
140319	049	143121	055	146918	029
140333	017	143594	117	146919	031
14068	094	143595	117	146919	033
142064	007	143596	117	146919	057
142065	007	144609	055	146922	017
142441	033	144614	023	146922	023
142445	017	144679	055	146924	017
142445	023	144679	057	146924	023
142446	017	144680	055	146925	124
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142451	023	144736	103	146926	057
142545	017	145620	131	146926	124
142545	023	145621	131	146927	124
142545	033	145690	093	146929	055
142553	017	146897	053	146931	127
142553	023	146897	055	146932	129
142553	033	146898	055	146936	023
142553	097	146898	057	148137	049
143100	053	146899	004	148138	049
143101	053	146899	045	148139	049
143102	055	146901	017	148140	049
143103	055	146901	027	148141	049
143105	053	146902	017	148142	049
143106	055	146902	027	148143	049
143106	127	146903	017	148144	049
143106	129	146903	027	148412	131
143108	055	146904	017	148413	131
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143109	053	146905	017	148415	131
143109	055	146905	027	148416	131

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1-654-010047-06	067	1-654-010055-01	009	1655	086
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1-654-010051-08	063	1-654-010061-13	035	18078	081

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1-861-010032-11	009	1-861-010034-11	004	202702-12-12S	045
1-861-010032-11	017	1-861-010034-11	113	202702-12-12S	047
1-861-010032-11	023	1-861-010034-13	009	202702-12-12S	099
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2062-12-12S	045	22697	085	2A0079-406	051
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2062-10-8S	102	22752	081	3-014-010023	102
2071-8-8S	102	22775	081	3-054-010066	103
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