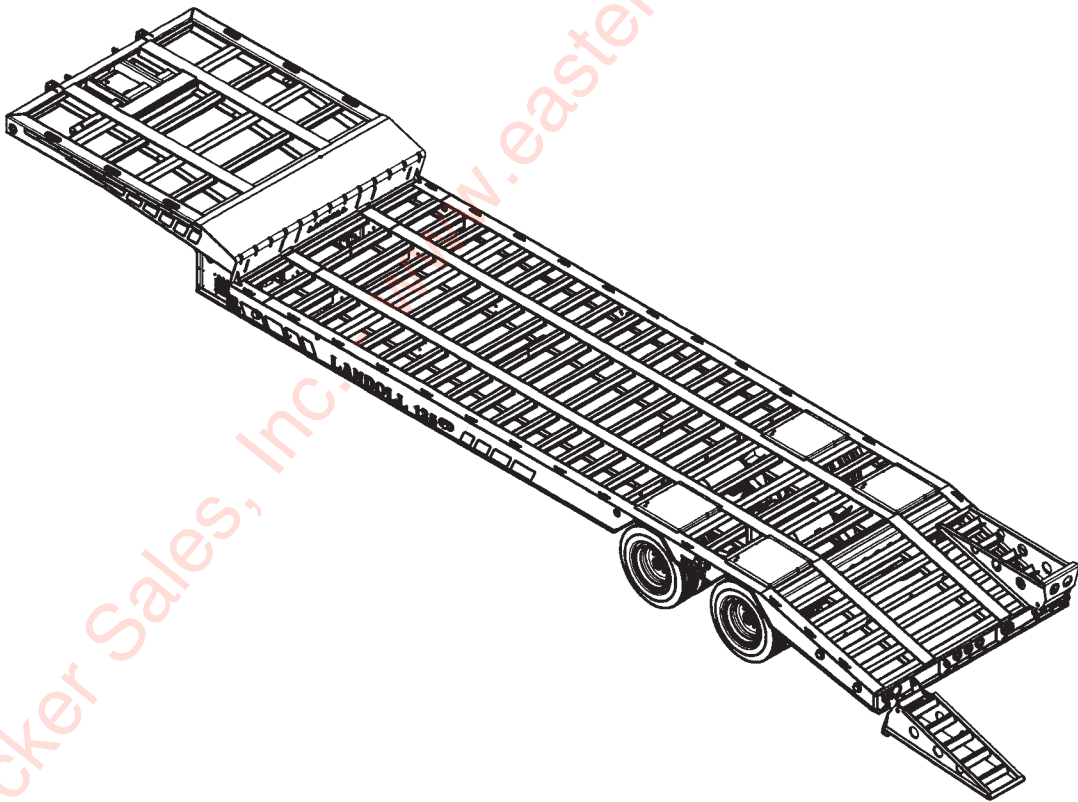




**MODEL 135/150 SERIES
FIXED GOOSENECK BEAVERTAIL SEMITRAILER
PARTS MANUAL**



**1900 NORTH STREET
MARYSVILLE, KANSAS 66508
(785) 562-5381**

ILLUSTRATED PARTS LIST

1

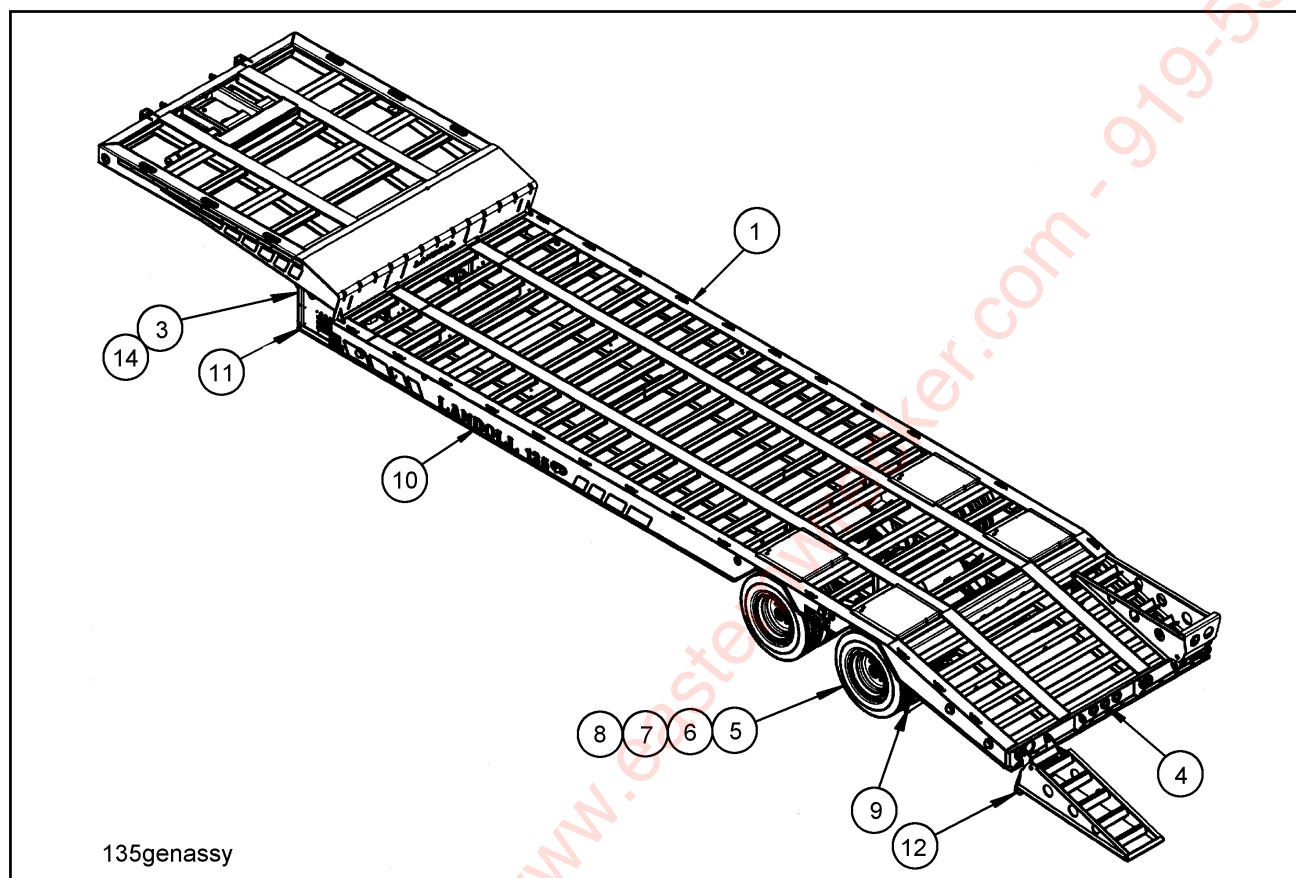


Figure 1-1 General Assembly

GENERAL ASSEMBLY

ITEM	PART/PAGE NO.	DESCRIPTION	QTY.
1	1-2 - 1-3	FRAME ASSEMBLIES	
2	1-4 - 1-5	BULKHEAD ASSEMBLY (OPTION) (NOT SHOWN)	
3	1-6 - 1-13	HYDRAULIC SYSTEM ASSEMBLIES (OPTION)	
4	1-14 - 1-15	ELECTRICAL SYSTEM	
5	1-16 - 1-19; 1-22 - 1-25	SUSPENSION, SPRING AND AIR RIDE	
6	1-20 - 1-21	AXLE AND BRAKE	
7	1-26 - 1-33	AIR BRAKE SYSTEM	
8	1-34 - 1-35	HUB AND DRUM	
9	1-36	MUD FLAP ASSEMBLY	
10	1-37 - 1-39	DECAL INSTALLATION	
11	1-40 - 1-43	LANDING GEAR	
12	1-44 - 1-45	RAMP ASSEMBLIES	
13	1-46 - 1-47	TOOLBOX ASSEMBLY (NOT SHOWN)	
14	1-48 - 1-67	MISCELLANEOUS OPTIONS	

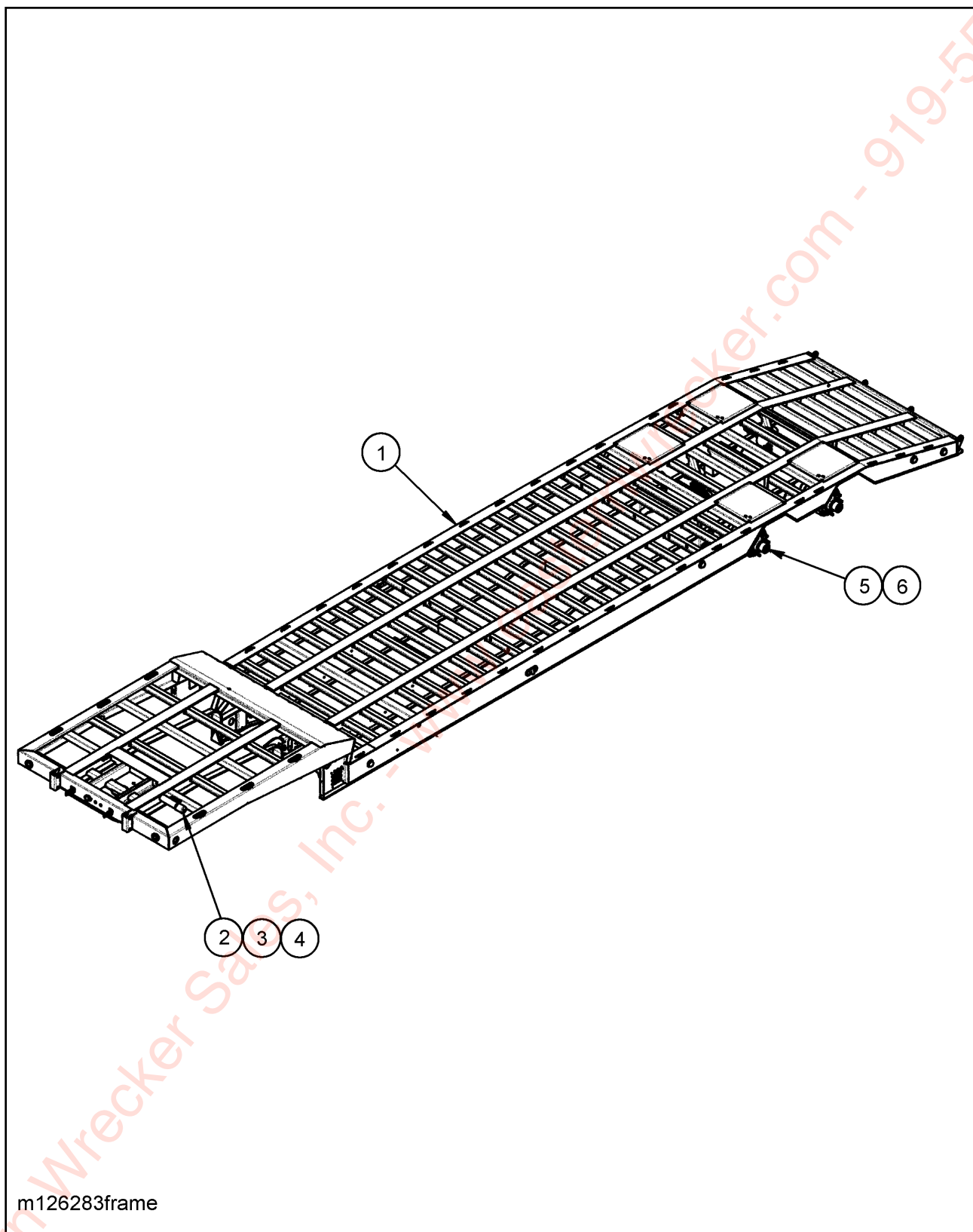


Figure 1-2 Frame Assembly

FRAME ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
	---	FRAME ASSEMBLY	
1	---	FRAME WELDMENT	1
2	1-116-010019	BOX, MANUAL STORAGE	1
3	F-359-___	MANUAL, MODEL 135/150 SERIES OPERATOR'S	1
4	105-0093	HOSE CLAMP 4-1/2	1
5	115761	SUSPENSION ASSEMBLY, SPRING 102 FRONT	
	115762	SUSPENSION ASSEMBLY, SPRING 102 REAR (135-35, 135-40, 135-43, 135-45, 135-48 SPRING RIDE) (SEE PAGE 1-17)	
	117649	SUSPENSION ASSEMBLY SPRING 150 FRT	
	117650	SUSPENSION ASSEMBLY SPRING 150 CTR/REAR (150-45 & 150-48 SPRING RIDE) (SEE PAGE 1-17)	
	115747	AXLE WELDMENT 2512 SPRING 77 (135-40 AIR RIDE) (INCL P/N'S 102361 & 115704) (SEE PAGES 1-20 AND 1-23)	
	122351	AXLE WELDMENT RLU-228 D2512 SPG77 (135-45 & 135-48 AIR RIDE) (INCL P/N'S 122345 & 115704) (SEE PAGES 1-20 AND 1-25)	
6	102363	SUSPENSION, ADJ. RLU-228-3.5 (135-40 AIR RIDE)	
	102361	SUSPENSION, BEAM. RLU-228 (135-40 AIR RIDE) (SEE PAGE 1-23)	
	122346	SUSP, FASTENER RLU-228-6.3 (135-45 & 135-48 AIR RIDE)	
	122345	SUSPENSION, BEAM RLU-228-6.3 (135-45 & 135-48 AIR RIDE) (SEE PAGE 1-25)	

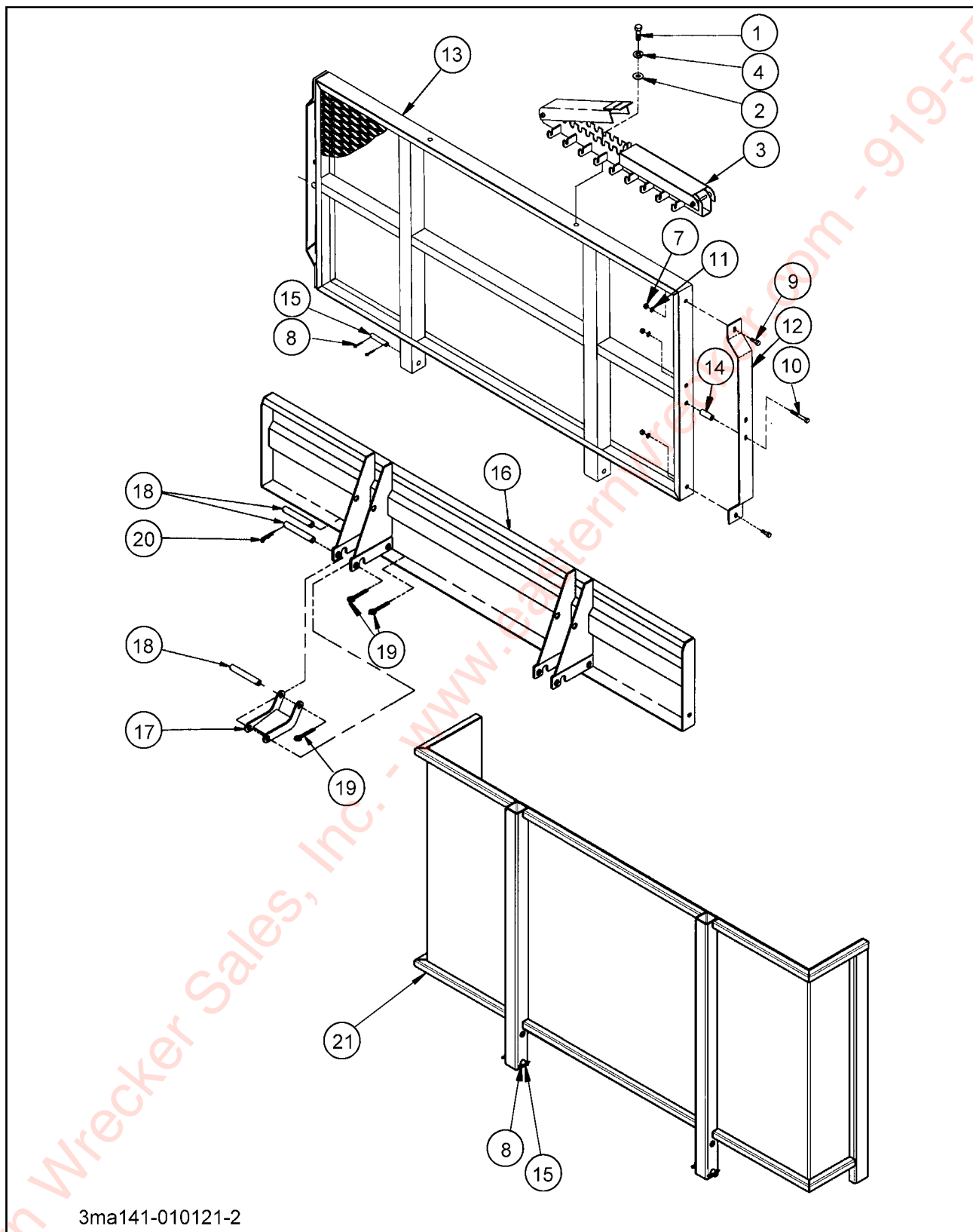


Figure 1-3 Bulkhead Assembly (Option)

BULKHEAD ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	B7-141-003	BULKHEAD CHAIN RACK INST. (INCL ITEMS 1-4)	
	3-141-010121-2	BULKHEAD INST. 48 X 96 (INCL ITEMS 5-15)	
	3-141-010121-3	BULKHEAD INST. 16 X 102 (INCL ITEMS 5-15)	
	3-141-010123-4	BULKHEAD INSTALLATION 2 POSITION (ITEMS 16-21)	
	125254	BULKHEAD ASSEMBLY 48 X 102 (INCL. ITEMS 8, 15, 21)	
1	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	2
2	1-861-010032-11	WASHER, FLAT 3/8	2
3	3-141-010008	CHAIN HANGER AND LOCK CHANNEL	1
4	1-861-010034-11	WASHER, SPLIT LOCK 3/8	2
5	3-573-010378012	DECAL, 2X12 REFLEXITE WHITE (NOT SHOWN)	2
7	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	6
8	1-557-010362-63	PIN, COTTER 1/4 X 2	4
9	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
10	1-654-010055-13	SCREW, HEX HEAD CAP 1/2-13 X 4 GR5	2
11	1-861-010032-15	WASHER, FLAT 1/2W	6
12	3-054-010101	BAR, SIDE 48" BULKHEAD 102" EXT	2
13	3-141-010155	BULKHEAD WLDMT 48 X 96	1
	3-141-010152	BULKHEAD WLDMT 16 X 102 (NOT SHOWN)	1
14	3-711-010025	SPACER, 48" BULKHEAD 1" DIA	2
15	6-557-010163	PIN, HITCH LEVELING LINK	2
16	3-141-010147	BULKHEAD WELDMENT 16/24 X 102	1
17	3-755-010080	SUPPORT WELDMENT BULKHEAD	2
18	3-557-010380	SUPPORT PIN	6
19	1-557-010362-63	COTTER PIN 1/4X2	10
20	1-557-010014	HAIRPIN	2
21	125255	BULKHEAD WELDMENT 48 X 102	1

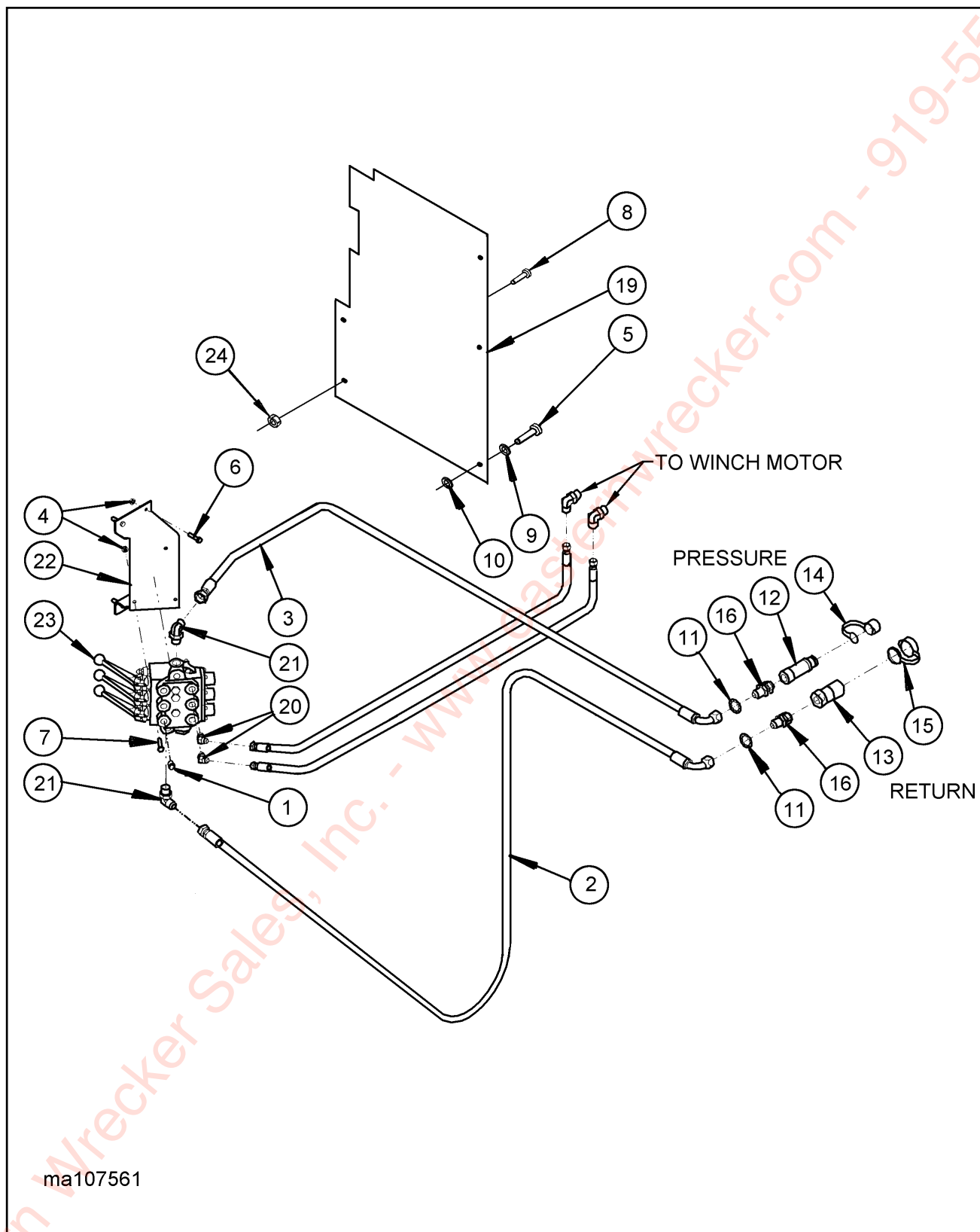


Figure 1-4 Hydraulic System Installation (Option)

HYDRAULIC CONTROL INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	122286	HYDRAULIC CONTROL INSTALLATION	
1	1-007-010025	PLUG, 3/4-16	4
2	1-397-010305156	HOSE ASSEMBLY 3/4 X 156	1
3	1-397-010305164	HOSE ASSEMBLY 3/4 X 164	1
4	1-510-010001	NUT, FLANGE LOCK 3/8-16	7
5	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	3
6	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	4
7	1-654-010051-09	SCREW, HEX HEAD CAP 3/8-16 X 2 GR5	3
8	1-654-010158-1	SCREW, RD HEAD SQ NECK 1/4-20 X 3/4	2
9	1-861-010032-11	WASHER, FLAT 3/8W	3
10	1-861-010034-11	WASHER, SPLIT LOCK 3/8	3
11	1-861-010059-21	WASHER, LOCKING INTL TOOTH 1-1/8	2
12	105479	COUPLER, FLAT FACE MALE	1
13	105480	COUPLER, FLAT FACE FEMALE	1
14	105481	COUPLER, DUST CAP MALE	1
15	105482	COUPLER, DUST CAP FEMALE	1
16	105483	ADAPTER BULKHEAD	2
17	105822	DECAL, HYD COUPLER	1
18	113274	PLACARD, CONTROL PANEL	1
19	114834	SHIELD, FLAT	1
20	2061-8-8S	ADAPTER, 45	2
21	2062-12-12S	ADAPTER, 90	2
22	3-482-010563	MOUNT WELDMENT, VALVE, HYD PNEUMATIC	1
23	3-846-010159	VALVE ASSEMBLY, 3 SPOOL MOTOR 1ST (SEE PAGE 1-11)	1
24	1-512-010005-01	NUT, HEX LOCK 1/4-20	2

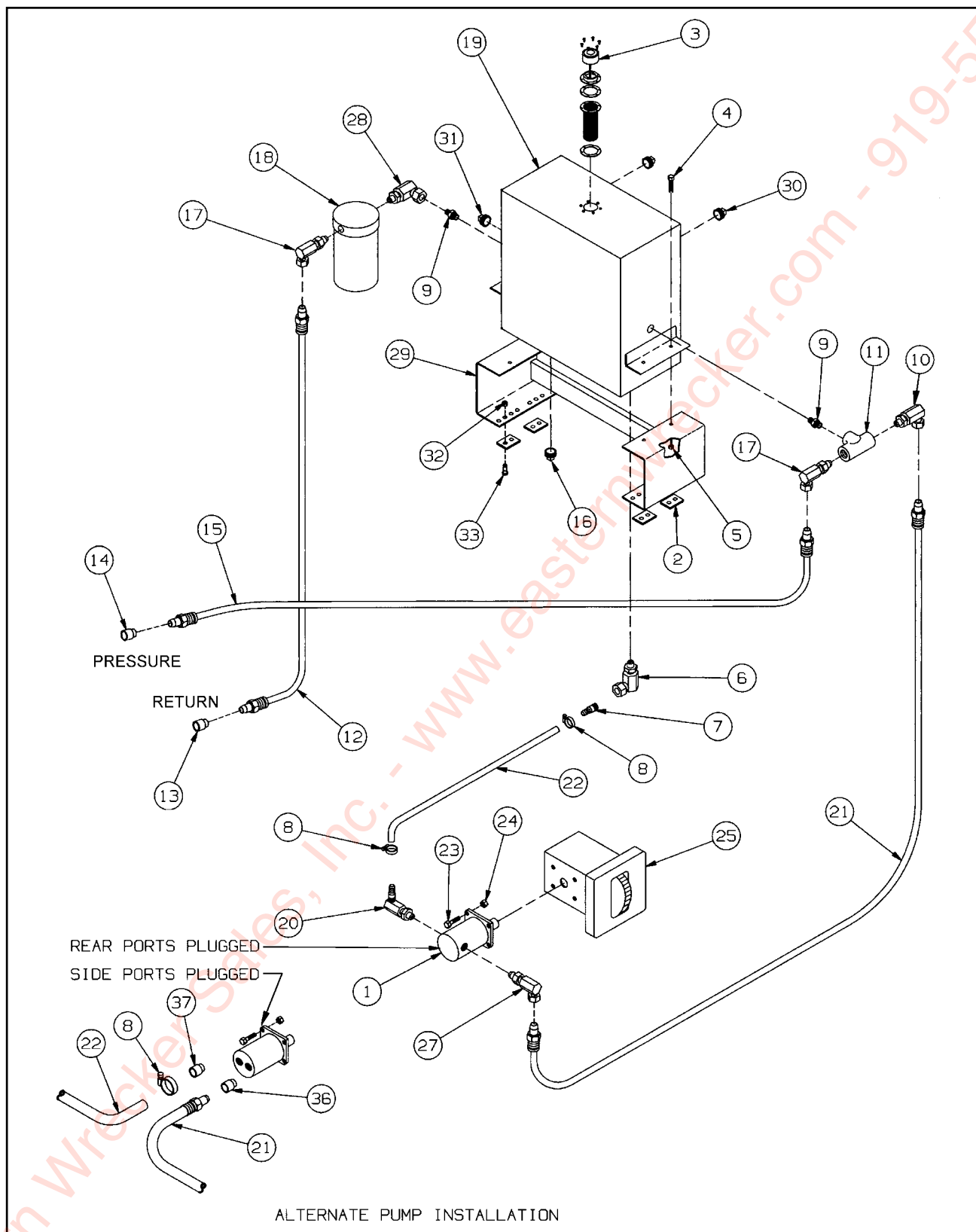


Figure 1-5 Wet Kit Assembly (Option)

WET KIT ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	107498	WET KIT 30 GAL	
	107499	WET KIT 30 GAL W/ PTO, NOT INSTALLED	
	107500	WET KIT 30 GAL W/O PTO, NOT INSTALLED	
1	3-591-010001	PUMP, HYDRAULIC GEAR (SEE PAGE 1-13)	1
2	3-120-010461	BRACKET, HYD 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 HYD. BY-PASS SRDD	1
12	106760	HOSE ASSEMBLY, 3/4X164	1
13	105479	COUPLER, FLAT FACE MALE	1
	105481	COUPLER, DUST CAP MALE	1
14	105480	COUPLER, FLAT FACE FEMALE	1
	105482	COUPLER, DUST CAP FEMALE	1
15	106759	HOSE ASSEMBLY, 1/2X164	1
16	1-560-010002-07	PLUG, BLACK PIPE	1
17	2024-12-12S	ADAPTER 90	1
18	1-295-010001	FILTER, RETURN	1
	1-295-010002	FILTER ELEMENT	1
19	3-786-010043	TANK, HYDRAULIC	1
20	1-007-010006	ELBOW 90	1
21	1-397-010301100	HOSE ASSEMBLY 1/2X100	1
22	3-399-010001	HOSE SUCTION 1-1/4X4	8'
23	1-654-010055-03	SCREW HEX HEAD CAP 1/2-13X1-1/2 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 1/2-13X1-3/4 GR5	4
36	12-16 070120	ADAPTER	1
37	107513	ADAPTER	1
38	107520	INSTALLATION DRAWING 107498	1

* IF IT BECOMES NECESSARY TO ORDER A NEW POWER TAKEOFF, HAVE READY THE TRANSMISSION MODEL NUMBER AND SERIAL NUMBER BEFORE CALLING THE PARTS DISTRIBUTION CENTER.

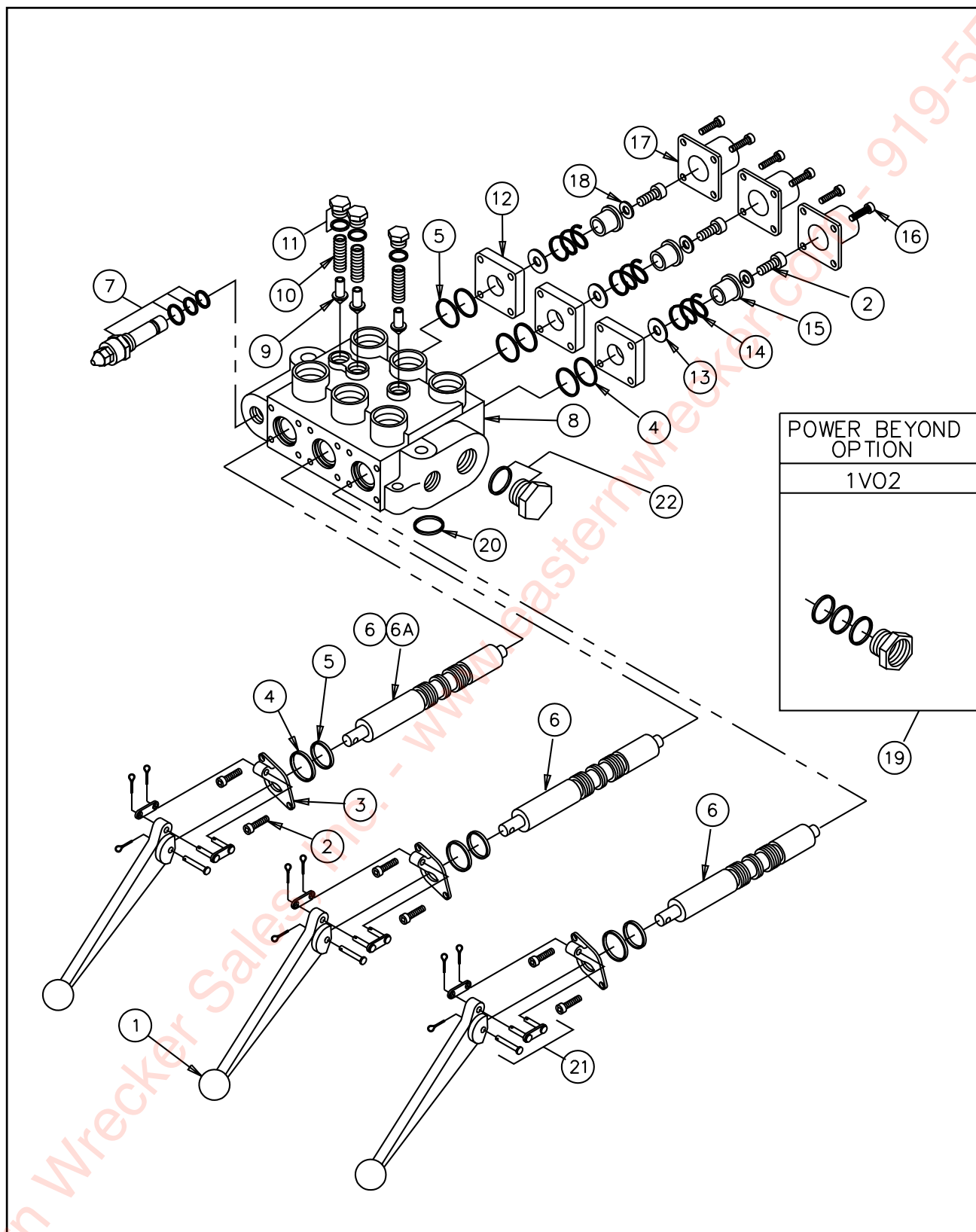


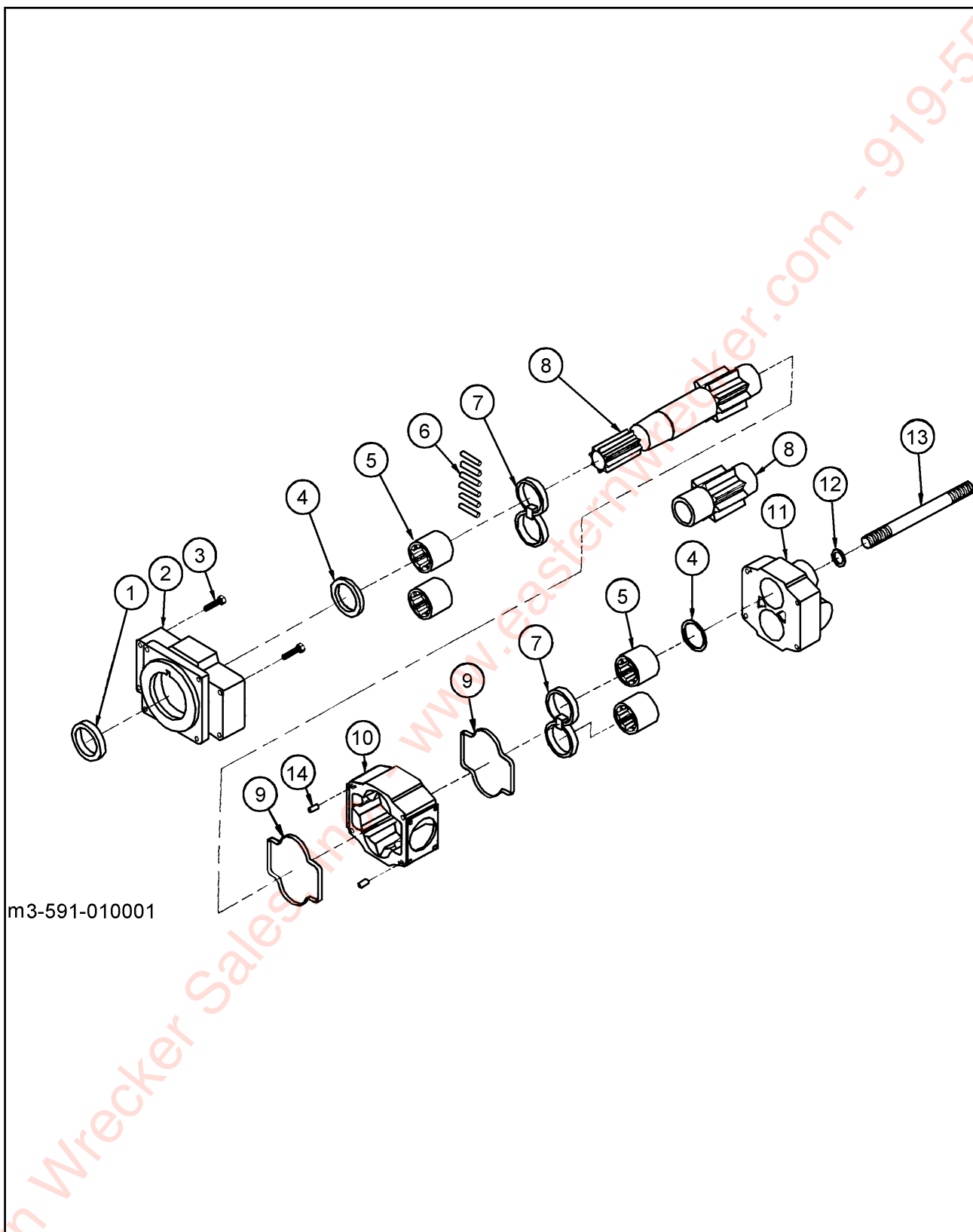
Figure 1-6 Three Spool Valve

VALVE, THREE SPOOL

ITEM	PART NO.	DESCRIPTION	QTY.
	3-846-010159	VALVE ASSEMBLY, THREE SPOOL MOTOR 1ST	**1
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.



m3-591-010001

Figure 1-7 Pump, Wet Kit Hydraulic

PUMP, WET KIT HYDRAULIC

ITEM	PART NO.	DESCRIPTION	QTY.
	3-591-010001	HYDR. PUMP, GEAR (COMM. SHEARING 312-9610-394)	1
1	391-2883-058	LIP SEAL	1
2	312-5037-201	HOUSING, SEC.	1
3	391-3681-001	CHECK, ASSEMBLY	2
4	391-2585-006	RING SEAL	2
5	391-0381-068	BRG. ROLLER	4
6	391-2882-086	SEAL, POCKET STRIP	12
7	391-2185-013	THRPL	2
8	312-2917-130	SET, GEAR SHAFT	1
9	391-2884-050	SEAL, SQ.-R	2
10	312-8217-327	HOUSING, GEAR	1
11	312-3220-327	HOUSING, PEC.	1
12	391-3784-028	WASHER	4
13	391-1401-025	CAPSCREW	4
14	391-2082-032	DOWEL PIN	4
	391-1802-119	SEAL KIT	

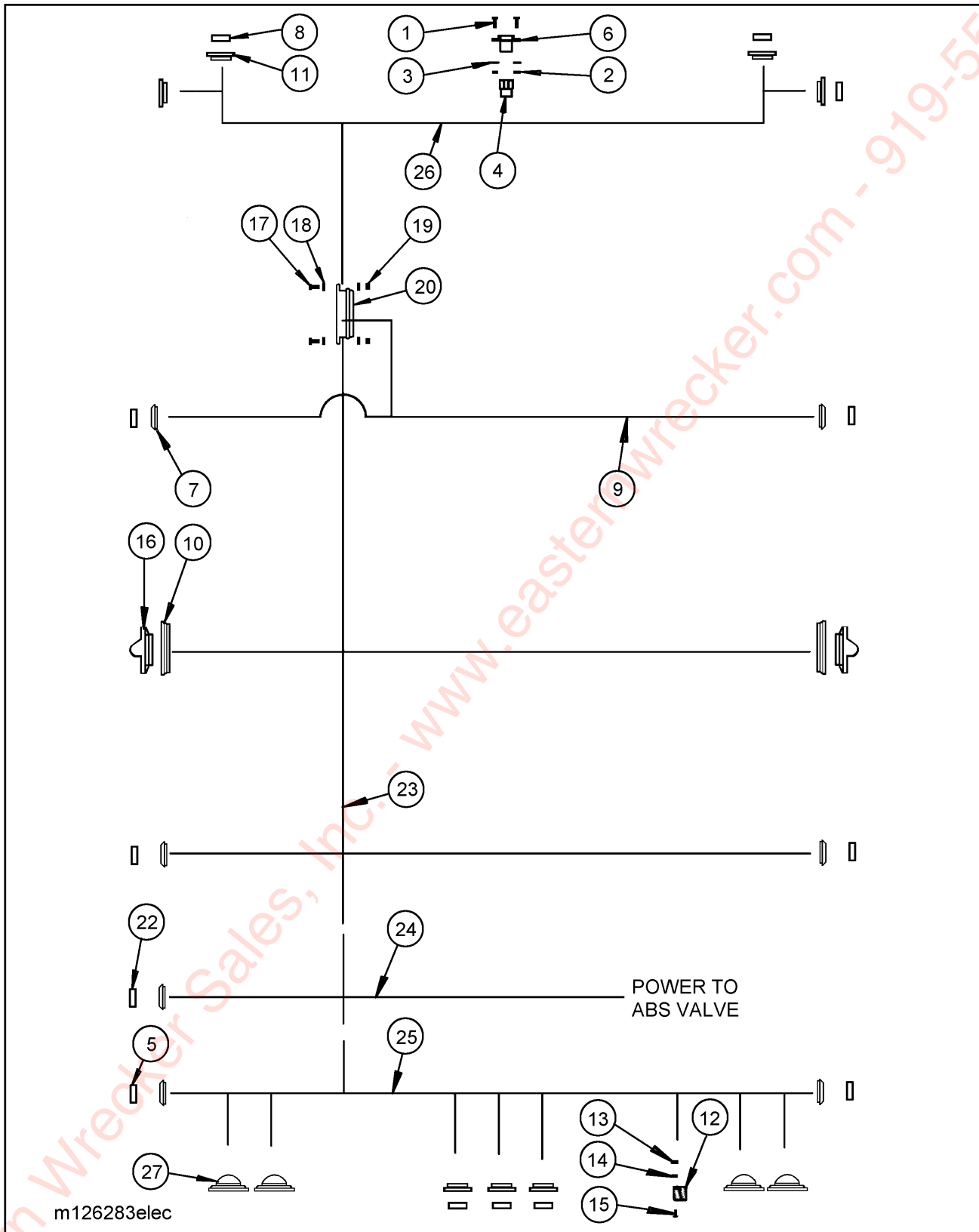


Figure 1-8 Electrical System Schematic

SCHEMATIC, ELECTRICAL SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-654-010049-06	SCREW, HEX HEAD CAP 5/16-18 X 1-1/4 GR5	2
2	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	2
3	1-861-010032-09	WASHER, FLAT 5/16	2
4	59W-2-3	BOOT, RUBBER	1
5	10205R	LAMP, RED REFLECTOR	5
6	59S-7	RECEPTACLE, 7-PIN	1
7	10403	GROMMET MOUNT	7
8	10205Y	LAMP, YELLOW REFLECTOR	8
9	3-368-010057	WIRE HARNESS, FRT, MAIN	1
10	60700	GROMMET, LIGHT	2
11	10404	GROMMET MOUNT	7
12	15009	LICENSE LAMP	1
13	1-512-010007-03	NUT, HEX #10-24	2
14	1-861-010034-07	WASHER, SPLIT LOCK #10	2
15	1-656-010003051	SCREW, RD HEAD MACH #10-24 X 3/4	2
16	60215Y	LAMP ONLY, TURN CLEARANCE	2
17	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	2
18	1-861-010032-07	WASHER, FLAT 1/4	2
19	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
20	750-029	JUNCTION BOX, 7 STUD	1
21	1-796-010001	TIE WRAPS (NOT SHOWN)	AR
22	3-446-010046	LIGHT ABS LAMP 2.5" DIA AMBER - ABS ONLY	1
23	104143	HARNESS, CTR TURN, ABS	1
24	104150	HARNESS, ABS POWER	1
25	3-368-010060	WIRE HARNESS, REAR	1
26	3-368-010120	HARNESS ASSEMBLY, FRONT MAIN	1
27	40002R	LIGHT, 4" STOP TURN TAIL	4

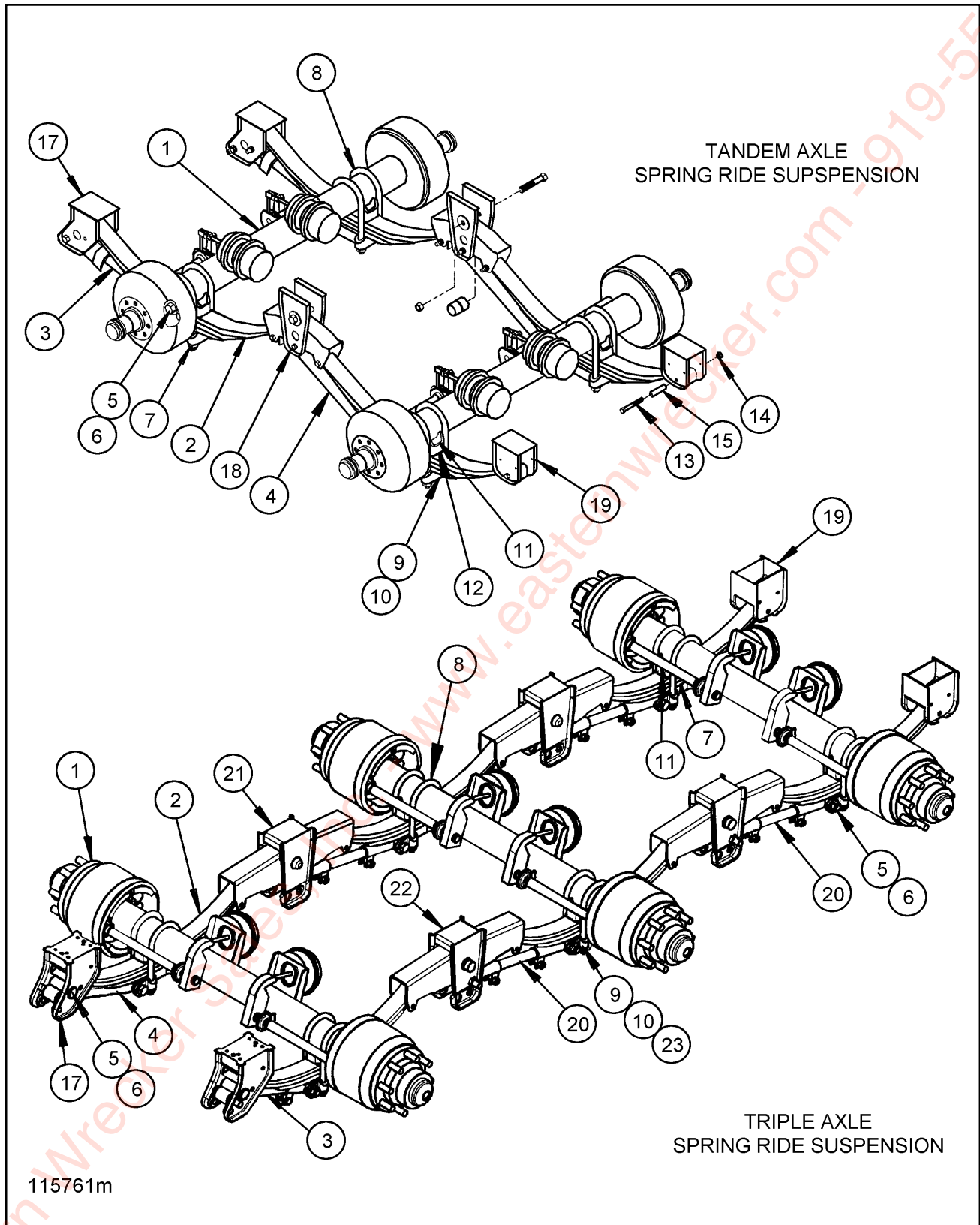


Figure 1-9 Suspension Assembly - Spring Ride

SUSPENSION ASSEMBLY - SPRING RIDE

ITEM	PART NO.	DESCRIPTION	QTY
	115761	SUSP ASSY, SPRING 102 FRT (135 MODELS) (INCL. ITEMS 1-19)	1
	115762	SUSP ASSY, SPRING 102 RR (135 MODELS) (INCL. ITEMS 1-19)	1
	117649	SUSP ASSY, SPRING FRT (150 MODELS) (INCL. ITEMS 1-19)	1
	117650	SUSP ASSY, SPRING CTR/REAR (150 MODELS) (INCL. ITEMS 1-11, 17, 19-23)	2
1	115709	AXLE 77 12.25X7.5 SER BRAKE 25K (SEE PAGE 1-20) (USED IN P/N 117649)	1
	115704	AXLE 77 12.25X7.5 SPG BRAKE 25K (SEE PAGE 1-20) (USED IN P/N'S 115761, 115762, & 117650)	1
2	HUT16	SPRING SINGLE LEAF HI ARCH STD HUTCH 7700	2
3	16398-04	ADJUSTABLE TORQUE ARM	1
4	715-00	RIGID TORQUE ARM	1
5	719-02	RADIUS ROD BOLT 1-14 X 5	4
6	10562-00	FLANGE LOCKOUT 1-14 GRF	4
7	706-01	BOTTOM PLATE SINGLE LEAF	2
8	7816-10	U-BOLT STD 875	4
9	35-00	WASHER PL 15/16	8
10	34-04	NUT HEX 7/8-14	8
11	301-01	AXLE SEAT	2
12	7052-02	DELFIN LINER SINGLE LEAF	2
13	759-00	BOLT HEX 5/8-18 X 4-1/2	2
14	37-03	NUT HEX LOCK 5/8-18 GRB	2
15	756-00	SLEEVE SPACER 3/4 X 18GA X 3-1/4	2
16	16086-01	DECAL (NOT SHOWN)	1
17	7701-02	SPRING HANGER, FRONT, UN	2
18	108673	CENTER HANGER	2
19	7703-02	SPRING HANGER, REAR, UN	2
20	16398-08	TORQUE ARM ASSEMBLY - ADJ.	2
21	16451-03	ROCKER/HANGER ASSEMBLY LH	2
22	16451-04	ROCKER/HANGER ASSEMBLY RH	2
23	10506-00	BUMP OUT, 1.5 X 3	4
	3-762-010667-02	SUSPENSION KIT (135 MODELS) (INCL. ITEMS 3-19)	
	117647	SUSPENSION KIT (150 MODELS) (INCL. ITEMS 3-11, 17, 19-23)	

NOTE: QUANTITIES SHOWN FOR ITEMS 2 THROUGH 17 ARE PER AXLE.

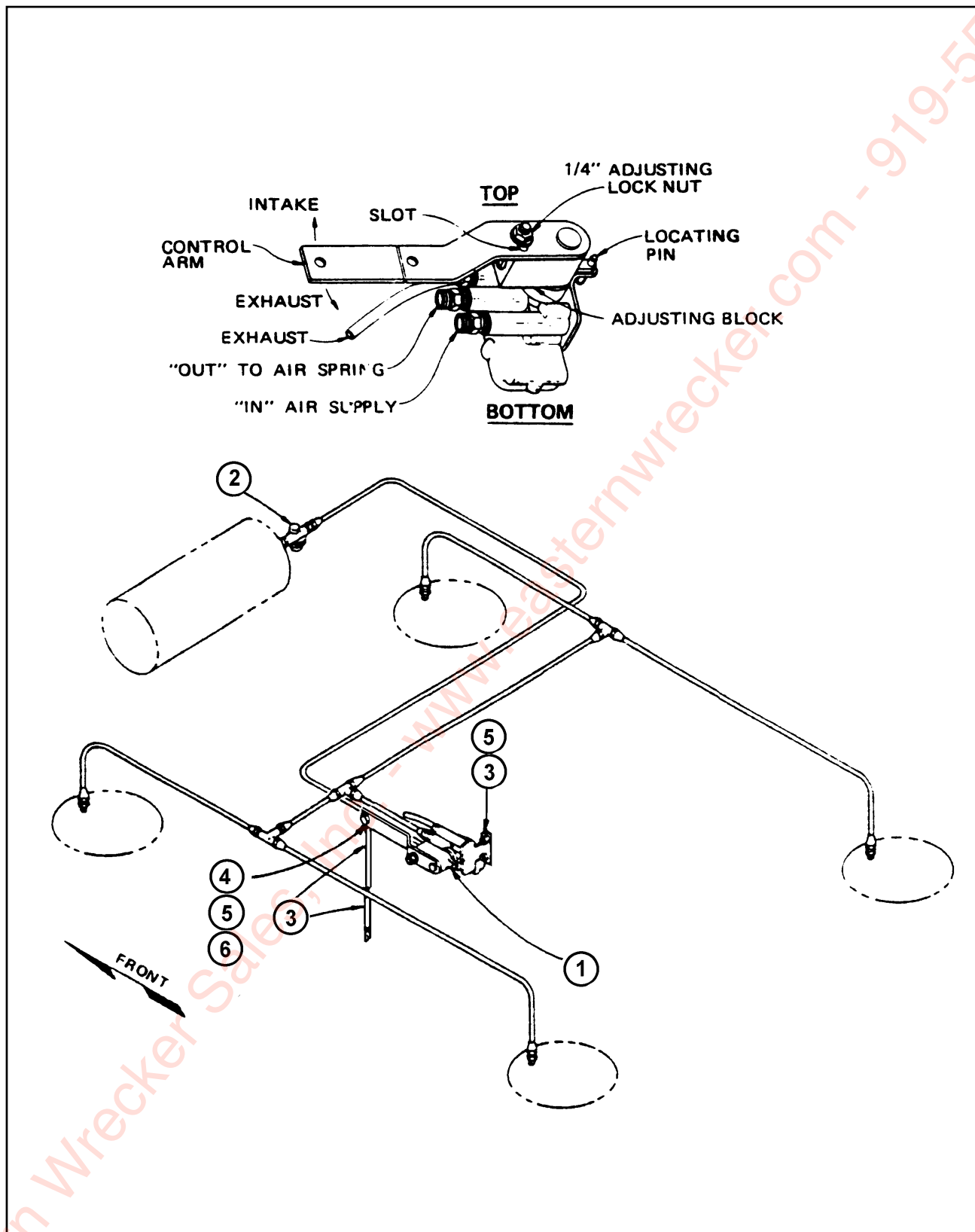


Figure 1-10 Air Control Kit (Option)

AIR CONTROL KIT (OPTION)

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	481 00 224	SRK - 167 KIT (ADJ. LINK ASSY)	1
4	930 02 349	CAP SCREW 1/4-20 X 3/4	2
5	934 00 060	LOCK NUT 1/4-20	2
6	941 00 119	DECAL (OPERATING)	1
7	941 00 466	HEIGHT CONTROL VALVE INSTRUCTIONS (NOT SHOWN)	1

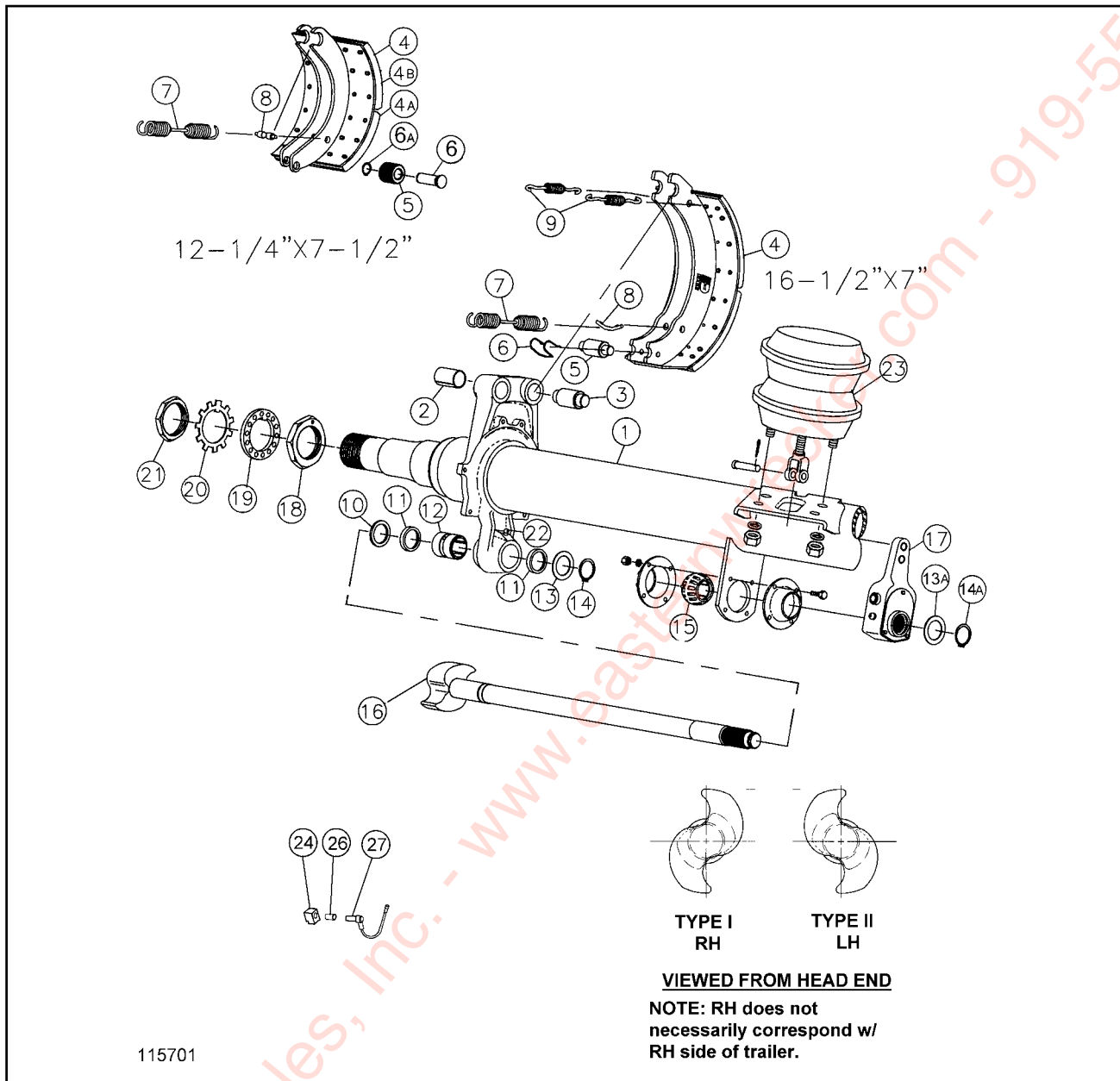


Figure 1-11 Axle and Brake Assembly

AXLE AND BRAKE ITEMS (DEXTER)

ITEM	PART NO.	DESCRIPTION	QTY
	115704	AXLE 12.25X7.5 SPG BRK 25K 77 TRK	
	115709	AXLE 12.25X7.5 SER BRK 25K 77 TRK	
	115715	AXLE 16-1/2 X 7 SPG BRK 25K75 TRK	
1*	D2H12	BEAM W/ BRACKETS (12.25 X 7.5)	
	D-2H16	BEAM W/ BRACKETS (16.5 X 7)	1
	**K71-460-00	BRAKE SHOE HARDWARE KIT (12.25 X 7.5) (INCL ITEMS 2-3, 5-9)	
	**K71-136-00	BRAKE SHOE HDWR KIT (16.5 X 7) (ITEMS 2, 3, 5, 6, 7, 8, & 9)	
2**	014-068-00	BUSHING, ANCHOR PIN	4
3**	056-017-00	PIN, ANCHOR	4

AXLE AND BRAKE ITEMS (DEXTER)

ITEM	PART NO.	DESCRIPTION	QTY
4	040-320-01	SHOE AND LINING ASSEMBLY (12.25 X 7.5)	4
	040-180-00	SHOE AND LINING ASSEMBLY (16.5 X 7)	4
4A	041-060-01	LINING - BRAKE BLOCK CAM (12.25 X 7.5)	2
	041-058-01	LINING - BRAKE BLOCK CAM (16.5 X 7)	2
4B	041-057-01	LINING - BRAKE BLOCK ANCHOR (12.25 X 7.5)	4
	041-059-01	LINING - BRAKE BLOCK ANCHOR (16.5X7)	4
	K71-133-00	BRAKE BLOCK KIT (12.25 X 7.5)	4
	K71-138-00	BRAKE BLOCK KIT (16.5 X 7)	4
5**	014-057-00	ROLLER (12.25 X 7.5)	4
	014-065-00	ROLLER (16.5 X 7.5)	4
6**	056-010-00	RETAINER, ROLLER PIN (12.25 X 7.5)	8
	071-122-00	RETAINER, ROLLER (16.5 X 7)	4
6A**	069-018-00	RETAINER RING (12.25 X 7.5 ONLY)	8
7**	046-092-00	SPRING, SHOE RETRACTOR (12.25 X 7.5)	2
	046-096-00	SPRING, SHOE RETRACTOR (16.5 X 7)	2
8**	056-018-00	RETAINER PIN RETRACTOR SPRING	4
9**	046-097-00	KEEPER SPRING	4
	***K71-101-00	CAMSHAFT REPAIR KIT (12.25 X 7.5) (ITEMS 10-15, & 22)	
	***K71-135-00	CAMSHAFT REPAIR KIT (16.5 X 7) (ITEMS 10-15, & 22)	
10***	005-074-00	D" WASHER - CAMSHAFT (12.25 X 7.5)	2
	005-096-00	WASHER CAMSHAFT (16.5 X 7)	2
11***	010-052-00	SEAL GREASE	4
12***	014-056-00	BUSHING CAMSHAFT SPIDER	2
13***	005-075-00	WASHER, CAMSHAFT (12.25 X 7.5)	
	005-097-00	WASHER, CAMSHAFT (16.5 X 7)	
13A***	005-134-00	WASHER CAMSHAFT	2
14***	069-020-00	RETAINER CAMSHAFT	
14A***	069-078-00	RETAINER CAMSHAFT	2
15***	014-058-00	BUSHING CAMSHAFT SUPPORT	2
16	034-188-05	CAMSHAFT, 23-3/8" LH (12.25 X 7.5)	1
	034-189-05	CAMSHAFT, 23-3/8" RH (12.25 X 7.5)	1
	034-192-08	CAMSHAFT, 25" LH (16.5 X 7)	1
	034-193-08	CAMSHAFT, 25" RH (16.5 X 7)	1
17	127777	SLACK ADJUSTER, AUTOMATIC (12.25 X 7.5)	2
	127778	SLACK ADJUSTER, AUTOMATIC (16.5 X 7)	
	127779	CLEVIS AND MOUNTING KIT FOR AUTO SLACK ADJUSTER	1
18	006-114-00	NUT, INNER SPINDLE	2
19	005-098-00	WASHER, SPINDLE LOCK	2
20	005-099-00	WASHER, TABBED SPINDLE LOCK	2
21	006-115-00	NUT, OUTER SPINDLE	2
22***	061-006-00	FITTING, GREASE 45°	2
23	034-058-07	CHAMBER, BRAKE (SPRING BRAKE) (12.25 X 7.5)	2
	034-057-07	CHAMBER, BRAKE (SERVICE BRAKE) (12.25 X 7.5)	2
	034-058-01	CHAMBER, BRAKE (SPRING BRAKE) (16.5 X 7)	2
24	024-100-00	SENSOR BLOCK, LOWER	2
26	097-002-00	RETAINER CLIP	2
27	128550	ABS SENSOR, 90	2

* WHEN ORDERING THE BEAM WITH SPINDLE, SPIDER, AND BRACKETS ATTACHED, YOU WILL NEED THE SERIAL NUMBER ON AXLE BEAM, MODEL, SIZE, 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 1-35.

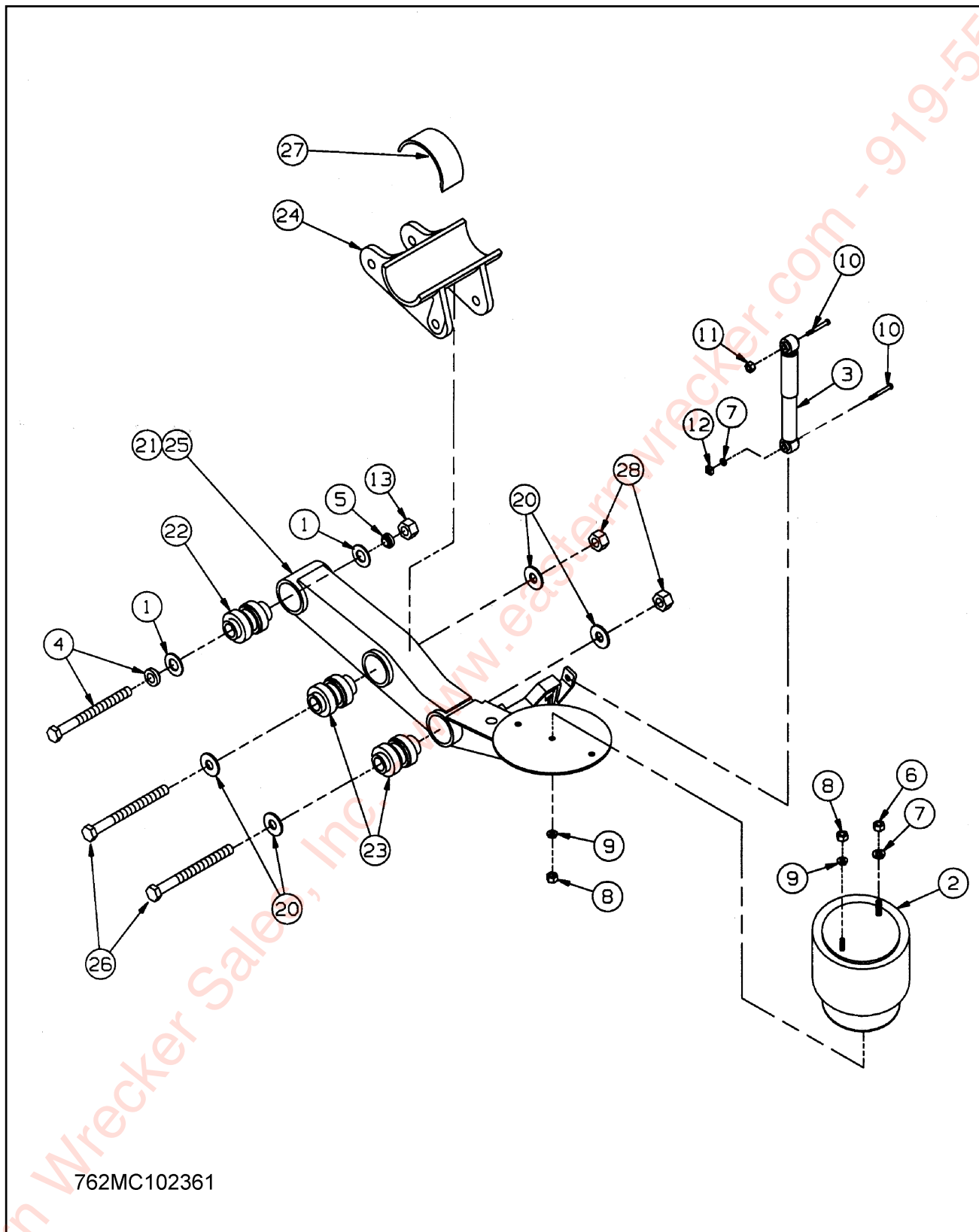
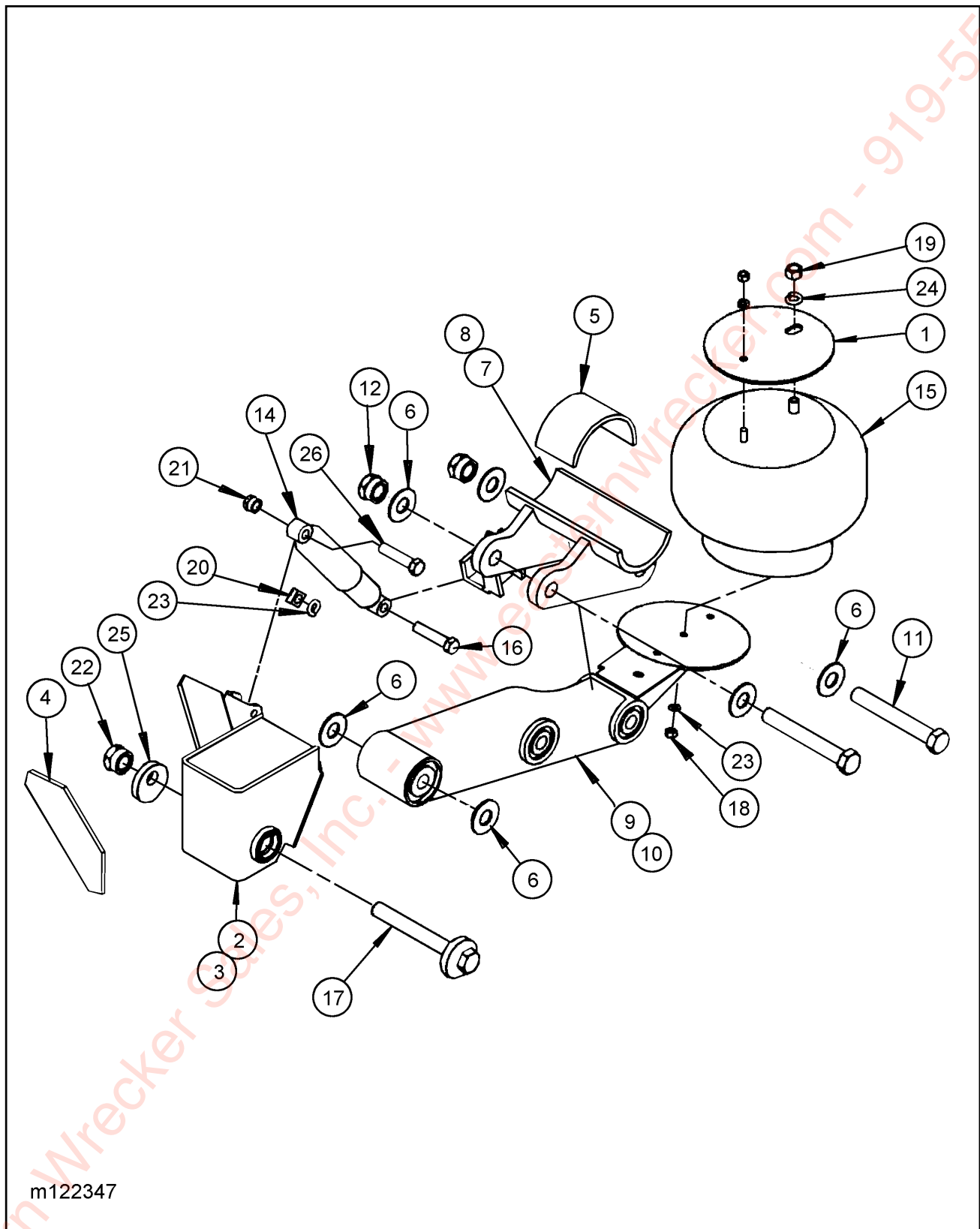


Figure 1-12 Suspension Hanger RLU-228-3.5

SUSPENSION HANGER RLU-228-3.5

ITEM	PART NO.	DESCRIPTION	QTY.
	102363	SUSPENSION, ADJ. RLU-228-3.5 (INCL ITEMS 1-19)	
	102361	SUSPENSION, BEAM. RLU-228(INCL ITEMS 20-28)	
1	111010	FLAT WASHER	2
2	111020	AIR SPRING ASSEMBLY	2
3	900 45 040	SHOCK	2
4	111006	ALIGN BUSH ASSEMBLY (CONSISTS OF:)	2
	93201057	ROD BOLT	1
	90008184	ALIGN BLOCK	1
5	111007	ALIGN BLOCK	2
6	934 00 149	3/4-16 HEX NUT GRB	2
7	936 00 077	LOCK WASHER, 3/4"	4
8	1-512-010007-09	HEX NUT, 1/2-13	4
9	1-861-010034-13	LOCK WASHER, 1/2"	4
10	105408	HEX HEAD CAP SCREW 3/4-10 X 3-1/2	4
11	934-00-492	LOCK NUT, 3/4" - 10	2
12	111022	3/4-10 SQUARE NUT	2
13	111008	LOCK NUT 1-1/8-7	2
14	111018	ANCHOR, RIDE HEIGHT CONTROL VALVE (NOT SHOWN)	1
15	94100787	LITERATURE INSTRUCTIONS (NOT SHOWN)	1
16	94100685	LITERATURE SPEC (NOT SHOWN)	1
17	94100648	LITERATURE FORM 864 (NOT SHOWN)	1
18	94100590	LITERATURE LABEL (NOT SHOWN)	1
19	94100790	LITERATURE LABEL (NOT SHOWN)	1
	111019	FASTENER KIT (INCL. 1, 4-11, 13, 15)	1
20	111010	FLAT WASHER	8
21	111013	EQUALIZING BEAM ASSEMBLY LH	1
22	900-08-139	RUBBER BUSHING (FRONT PIVOT)	2
23	111011	RUBBER BUSHING (AXLE CONNECTION)	4
24	111012	AXLE ADAPTER ASSEMBLY	2
25	111014	EQUALIZING BEAM ASSEMBLY RH	1
26	111023	HEX HEAD CAP SCREW 1-1/8-7 X 8-1/2	4
27	111015	SAFETY STRAP	2
28	111008	LOCK NUT 1-1/8-7	4
	109533	ALIGNMENT BLOCK ASSEMBLY (INCL. 1, 4, 5, & 13) (ONE PER SIDE)	

NOTE: QUANTITIES LISTED ARE PER AXLE.



m122347

Figure 1-13 Suspension Hanger RLU-228-6.3

SUSPENSION HANGER RLU-228-6.3

ITEM	PART NO.	DESCRIPTION	QTY.
	122345	SUSPENSION, BEAM RLU-228-6.3	
	122346	SUSPENSION, FASTENER RLU-228-6.3	
1	3-565-010047	AIR SPRING MOUNTING PLATE	2
2	122348	BRACKET, FRAME EZ ALIGN LH	1
3	122349	BRACKET, FRAME ASSEMBLY ADJ RH	1
4	900 23 002	BRACE, ANGLE	2
5	900-25-288	SAFETY STRAP	2
6	111010	FLAT WASHER	12
7	129009	AXLE ADAPTER ASSEMBLY LH	1
8	129001	AXLE ADAPTER ASSEMBLY RH	1
9	129002	BEAM EQUALIZING ASSEMBLY LH	1
10	129003	BEAM EQUALIZING ASSEMBLY RH	1
11	932 01 051	SCREW, HEAD CAP	4
12	934-00-506	NUT, HEX LOCK 1-1/8-7 GRB	4
14	900-44-162	SHOCK ABSORBER	2
15	123594	AIR SPRING	2
16	129004	SCREW, HEX HEAD CAP 3/4-10 X 4	2
17	129005	ALIGNMENT BLOCK	2
18	1-512-010007-09	HEX NUT, 1/2-13	4
19	934 00 149	3/4-16 HEX NUT GRB	2
20	111022	3/4-10 SQUARE NUT	2
21	934 00 492	LOCK NUT, 3/4" - 10	2
22	111008	LOCK NUT 1-1/8-7	2
23	1-816-010034-13	LOCK WASHER, 1/2"	4
24	936 00 077	LOCK WASHER, 3/4"	4
25	129006	ALIGNMENT BLOCK NON WELD	
26	105408	HEX HEAD CAP SCREW 3/4-10 X 3-1/2	4

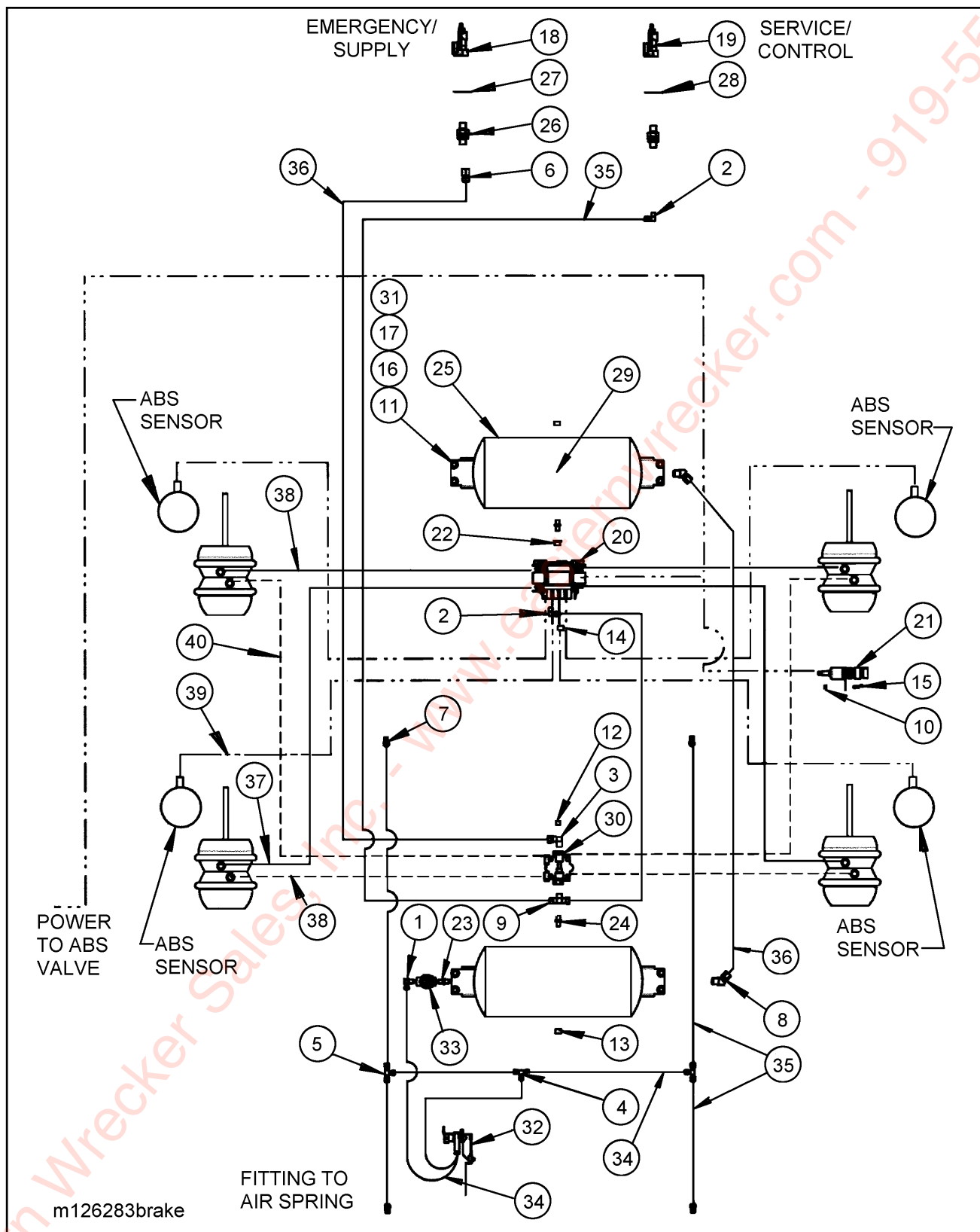


Figure 1-14 Spring Air Brake System w/ ABS, Tandem Axle (Air Ride)

AIR BRAKE SYSTEM W/ ABS, TANDEM (AIR RIDE)

ITEM	PART NO.	DESCRIPTION	QTY.
	126283	FRAME ASSEMBLY, AIR RIDE (135)	
1	1-297-010008-07	FITTING AIR 90	1
2	1-297-010008-18	FITTING AIR 90	2
3	1-297-010008-23	FITTING AIR 90	1
4	1-297-010010-01	FITTING AIR UNION TEE	1
5	1-297-010010-04	FITTING AIR UNION TEE	2
6	1-297-010012-16	FITTING, AIR FEMALE	1
7	1-297-010013-11	FITTING AIR	4
8	1-297-010013-16	FITTING AIR 45	2
9	1-297-010015-07	FITTING AIR BRANCH TEE 3/8-3/8	1
10	1-512-010005-01	NUT HEX LOCK 1/4-20	2
11	1-512-010005-05	NUT, HEX LOCK 3/8-16	14
12	1-560-010002-03	PIPE PLUG 3/8	5
13	1-560-010002-04	PIPE PLUG 1/2	3
14	1-560-010002-05	PIPE PLUG 3/4-14	2
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	1-861-010032-11	WASHER FLAT 3/8W	10
18	108801	GLADHAND RED AIR	1
19	108802	GLADHAND BLUE AIR	1
20	114588	ECU/VALVE ASSEMBLY 4S/2M	REF
21	114590	DIAGNOSTIC CABLE BLINK LIGHT	REF
22	118-2659-9	BUSHING 1/2 X 3/4	2
23	2083-8-4S	NIPPLE HEX 1/2 - 1/4	1
24	2083-8-8S	NIPPLE 1/2 - 1/2	1
25	3-780-010002	TANK AIR	2
26	55B61	FRAME UNION	2
27	55B61-6	TAG EMERGENCY LINE	1
28	55B61-7	TAG SERVICE LINE	1
29	56D4	AIR TANK DRAIN COCK	2
30	758-181	VALVE RELAY EMERGENCY	1
31	805-2	STEP BUSHING	16
32	900-54-007	HEIGHT CONTROL VALVE	REF
33	905-54-107	AIR PRESSURE PROTECTION VALVE	REF
34	1-833-010001	TUBING NYLON 1/4	AR
35	1-833-010002	TUBING NYLON 3/8	AR
36	1-833-010003	TUBING NYLON 1/2	AR
37	1-384-010038076	HOSE AIR 3/8 X 76	2
38	3-384-010020	HOSE, AIR 3/8 X 32	4
39	101848	SENSOR EXTENSION CABLE (6')	REF
40	1-384-010038054	HOSE AIR 3/8 X 54	2
41	114584	BRAKE KIT, ABS 4S/2M (INCL ITEMS 20-21,39) (SEE PAGE 1-33)	1
	114586	BRAKE KIT, ABS 4S/2M TRI/SPR (INCL ITEMS 20-21,39) (USED ON 135-48 10-1 BB ONLY) (SEE PAGE 1-33)	1
42	102732	AIR CONTROL KIT (INCL ITEMS 32-33) (SEE PAGE 1-19)	1

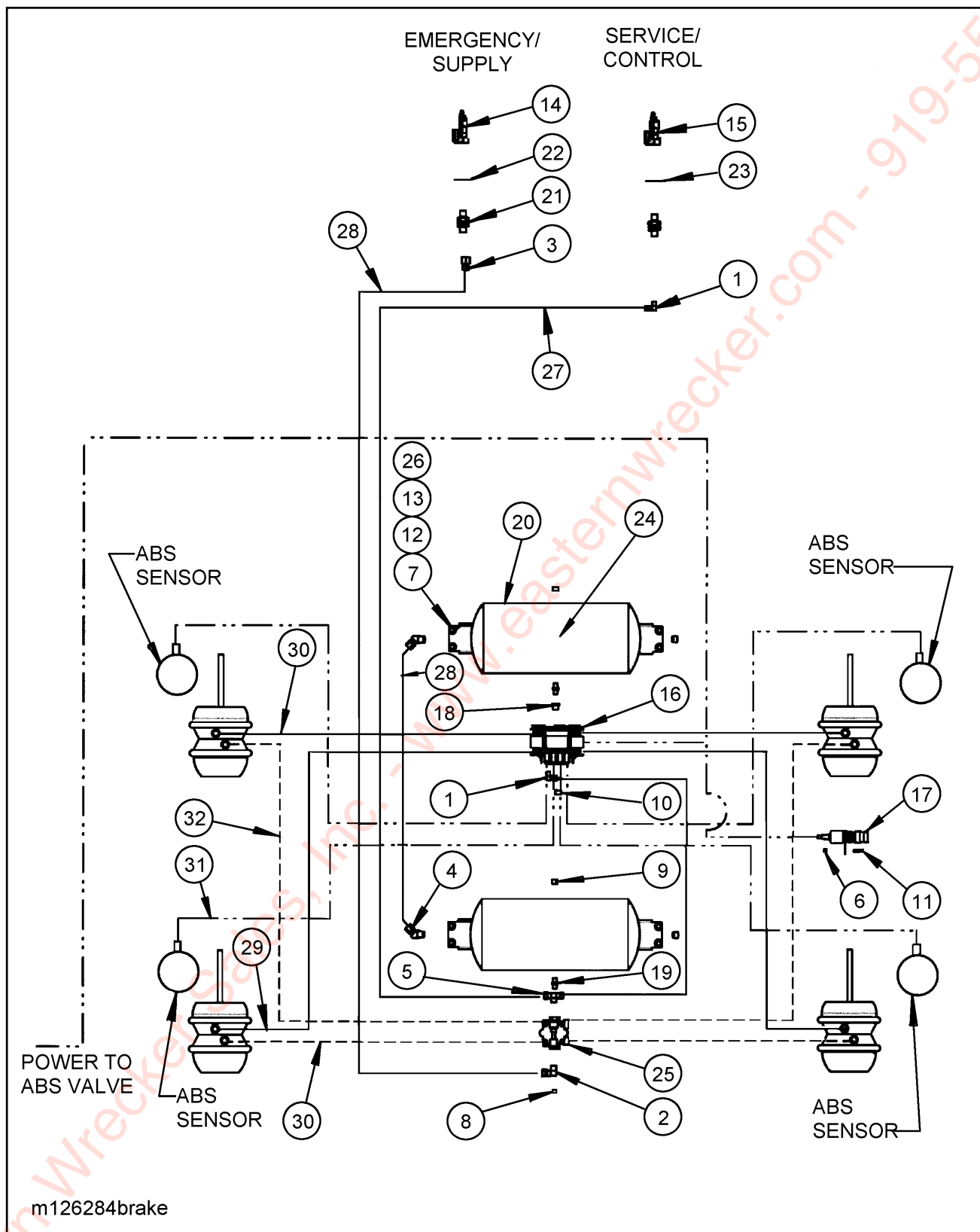


Figure 1-15 Spring Air Brake System w/ ABS, Tandem Axle (Spring Ride)

AIR BRAKE SYSTEM W/ ABS, TANDEM (SPRING RIDE)

ITEM	PART NO.	DESCRIPTION	QTY.
	126284	FRAME ASSEMBLY, SPRING RIDE (135)	
1	1-297-010008-18	FITTING AIR 90	2
2	1-297-010008-23	FITTING AIR 90	1
3	1-297-010012-16	FITTING, AIR FEMALE	1
4	1-297-010013-16	FITTING AIR 45	2
5	1-297-010015-07	FITTING AIR BRANCH TEE 3/8-3/8	1
6	1-512-010005-01	NUT HEX LOCK 1/4-20	2
7	1-512-010005-05	NUT, HEX LOCK 3/8-16	8
8	1-560-010002-03	PIPE PLUG 3/8	1
9	1-560-010002-04	PIPE PLUG 1/2	4
10	1-560-010002-05	PIPE PLUG 3/4-14	1
11	1-654-010047-06	SCREW HEX HEAD CAP 1/4-20 X 1 GR5	2
12	1-654-010051-08	SCREW HEX HEAD CAP 3/8-16 X 1-3/4 GR5	8
13	1-861-010032-11	WASHER FLAT 3/8W	8
14	108801	GLADHAND RED AIR	1
15	108802	GLADHAND BLUE AIR	1
16	114588	ECU/VALVE ASSEMBLY 4S/2M	REF
17	114590	DIAGNOSTIC CABLE BLINK LIGHT	REF
18	118-2659-9	BUSHING 1/2 X 3/4	1
19	2083-8-8S	NIPPLE 1/2 - 1/2	2
20	3-780-010002	TANK AIR	2
21	55B61	FRAME UNION	2
22	55B61-6	TAG EMERGENCY LINE	1
23	55B61-7	TAG SERVICE LINE	1
24	56D4	AIR TANK DRAIN COCK	2
25	758-181	VALVE RELAY EMERGENCY	1
26	805-2	STEP BUSHING	16
27	1-833-010002	TUBING NYLON 3/8	AR
28	1-833-010003	TUBING NYLON 1/2	AR
29	1-384-010038076	HOSE AIR 3/8 X 76	2
30	3-384-010020	HOSE, AIR 3/8 X 32	4
31	101848	SENSOR EXTENSION CABLE (6')	REF
32	1-384-010038054	HOSE AIR 3/8 X 54	2
33	114584	BRAKE KIT, ABS 4S/2M (INCL ITEMS 16-17,31) (SEE PAGE 1-33)	1

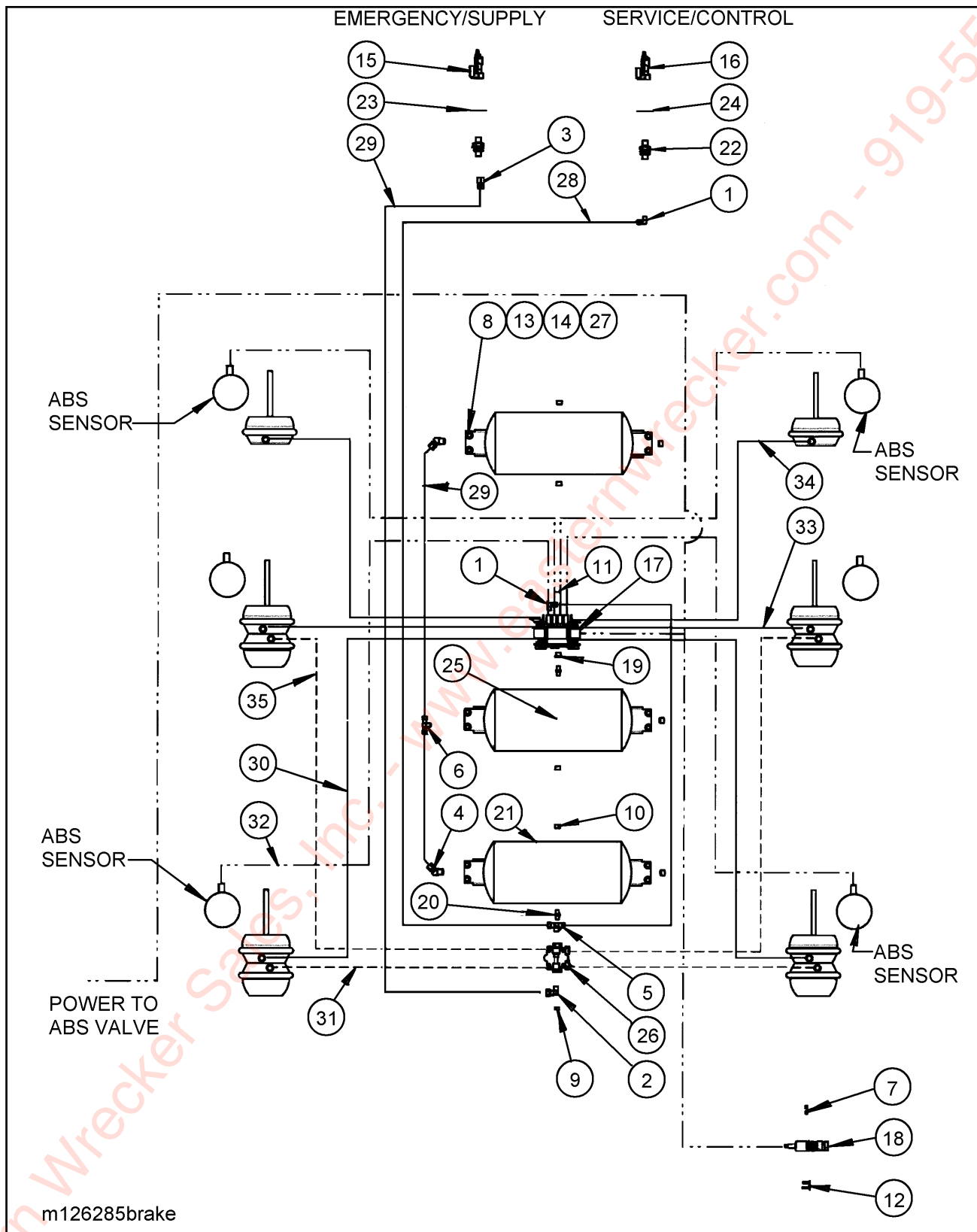
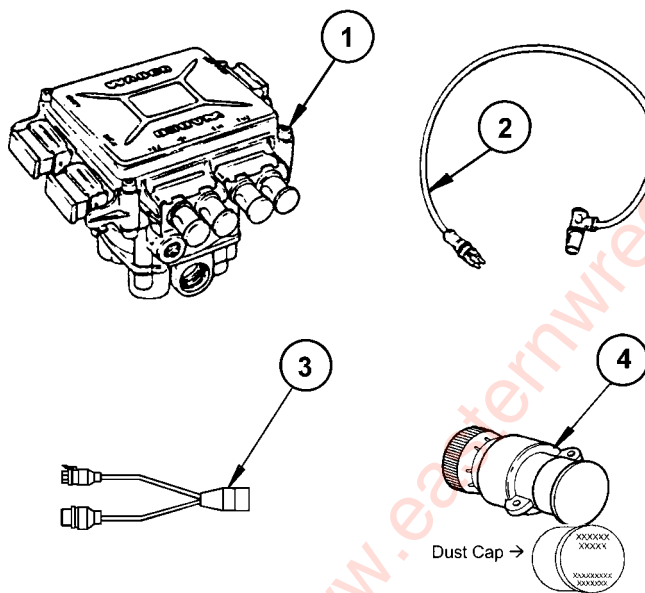


Figure 1-16 Spring Air Brake System w/ ABS, Triple Axle (Spring Ride)

AIR BRAKE SYSTEM W/ ABS, TRIPLE (SPRING RIDE)

ITEM	PART NO.	DESCRIPTION	QTY.
	126285	FRAME ASSEMBLY SPRING RIDE (150)	
1	1-297-010008-18	FITTING AIR 90	2
2	1-297-010008-23	FITTING AIR 90	1
3	1-297-010012-16	FITTING, AIR FEMALE	1
4	1-297-010013-16	FITTING AIR 45	2
5	1-297-010015-07	FITTING AIR BRANCH TEE 3/8-3/8	1
6	1-297-010015-11	FITTING AIR BRANCH TEE 1/2-1/2	1
7	1-512-010005-01	NUT HEX LOCK 1/4-20	2
8	1-512-010005-05	NUT, HEX LOCK 3/8-16	12
9	1-560-010002-03	PIPE PLUG 3/8	1
10	1-560-010002-04	PIPE PLUG 1/2	7
11	1-560-010002-05	PIPE PLUG 3/4-14	1
12	1-654-010047-06	SCREW HEX HEAD CAP 1/4-20 X 1 GR5	2
13	1-654-010051-08	SCREW HEX HEAD CAP 3/8-16 X 1-3/4 GR5	12
14	1-861-010032-11	WASHER FLAT 3/8W	24
15	108801	GLADHAND RED AIR	1
16	108802	GLADHAND BLUE AIR	1
17	114588	ECU/VALVE ASSEMBLY 4S/2M	REF
18	114590	DIAGNOSTIC CABLE BLINK LIGHT	REF
19	118-2659-9	BUSHING 1/2 X 3/4	1
20	2083-8-8S	NIPPLE 1/2 - 1/2	2
21	3-780-010002	TANK AIR	3
22	55B61	FRAME UNION	2
23	55B61-6	TAG EMERGENCY LINE	1
24	55B61-7	TAG SERVICE LINE	1
25	56D4	AIR TANK DRAIN COCK	3
26	758-181	VALVE RELAY EMERGENCY	1
27	805-2	STEP BUSHING	24
28	1-833-010002	TUBING NYLON 3/8	AR
29	1-833-010003	TUBING NYLON 1/2	AR
30	1-384-010038076	HOSE AIR 3/8 X 76	2
31	101003	HOSE AIR 3/8 X 48	2
32	101848	SENSOR EXTENSION CABLE (6')	1
33	1-384-010038024	HOSE AIR 3/8 X 24	2
34	1-384-010038084	HOSE AIR 3/8 X 84	2
35	1-384-010038072	HOSE AIR 3/8 X 72	2
36	114584	BRAKE KIT, ABS 4S/2M (INCL ITEMS 17-18,32) (SEE PAGE 1-33)	1



NOTICE:

If the ABS indicator lamp comes on and stays on when you apply the brakes to a moving vehicle, the trailer ABS must be serviced as soon as possible upon completion of your trip to ensure full anti-lock braking capability.

TP-98172 **MERITOR WABCO** Rev. 7/01

abs-135

Figure 1-17 Brake Kit, Rockwell ABS

BRAKE KIT ROCKWELL ABS

ITEM	PART NO.	DESCRIPTION	QTY.
	114584	BRAKE KIT WABCO ABS 4S/2M	
	114586	BRAKE KIT WABCO ABS 4S/2M TRI/SPR	
1	114588	ECU/VALVE ASSEMBLY 4S/2M PREMIUM	1
2	101848	SENSOR EXTENSION CABLE (6') (114584)	4
	103861	SENSOR EXTENSION CABLE (10') (114586)	4
3	114590	POWER/DIAGNOSTIC CABLE	1
4	101851	DIAGNOSTIC SWITCH	1
5	101855	WARNING LAMP LABEL	1

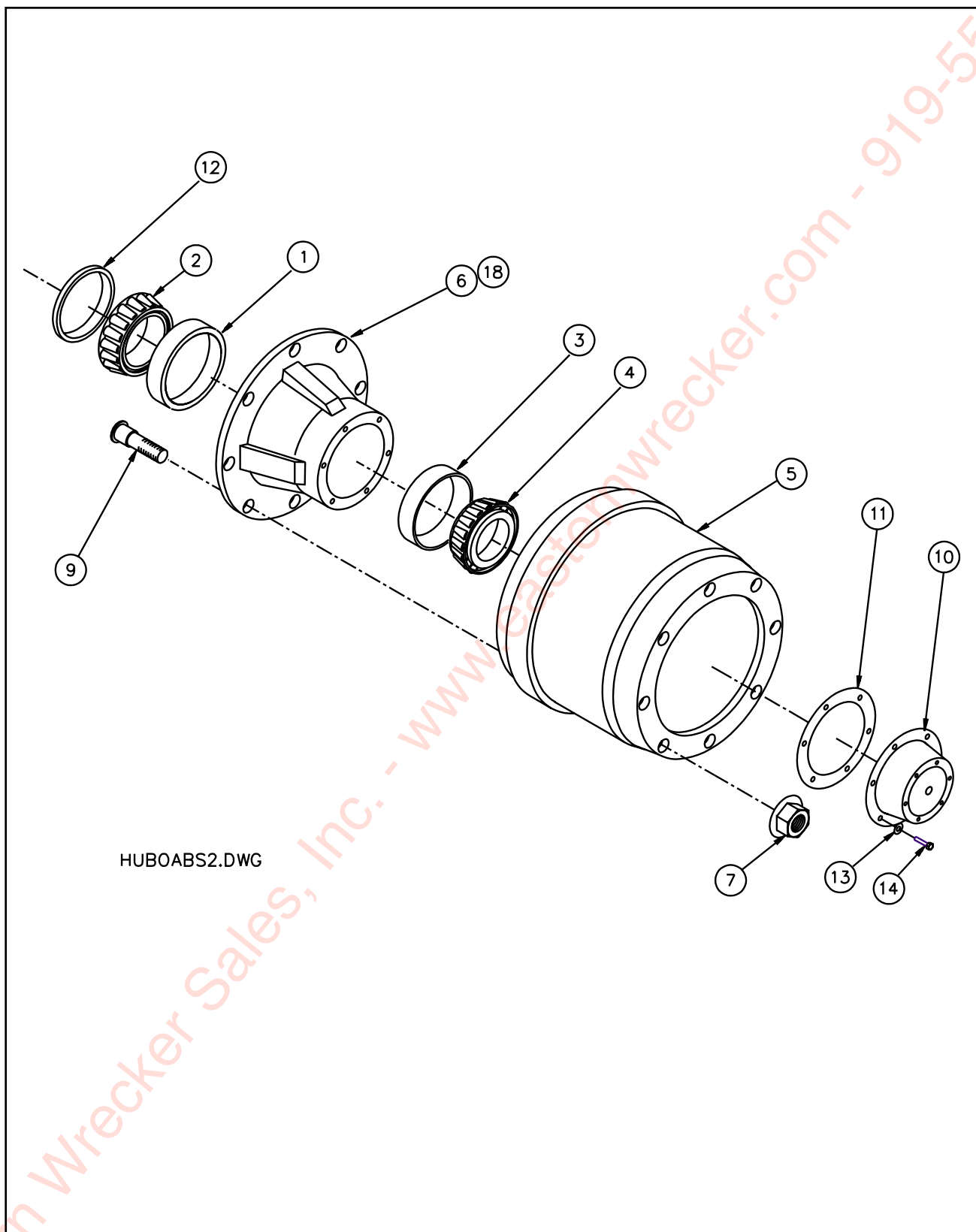


Figure 1-18 Outboard Pilot Mount Hub and Drum

OUTBOARD PILOT MOUNT HUB AND DRUM

ITEM	PART NO.	DESCRIPTION	QTY.
	108541	HUB/DRUM ASSY 8 BOLT 12-1/4" PILOT, ABS	
	103783	HUB/DRUM 10 BOLT 16-1/2 PILOT ABS LONG STUD	
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 (10 BOLT)	1
	63680	OUTBOARD MOUNTED BRAKE DRUM (8 BOLT)	1
6	110975(2023----T)	HUB IRON (10 BOLT)	1
	112493(2027----T80)	HUB IRON (8 BOLT) 80 TH TONER RING	1
7	179933	FLANGE NUT	**8,10
9	113536	STUD	**8,10
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 X 3/4 GR5	6
15	3-870-010097	WHEEL 17.5X6.75 PILOT MT (NOT SHOWN)	1
	100402	WHEEL 17.5X6.75 ALUM PILOT MT (NOT SHOWN)	1
	112047	WHEEL 17.5X6.75 ALUM PILOT MT (NOT SHOWN)	1
16	TR573	VALVE STEM - STEEL WHEEL (NOT SHOWN)	1
	100401	VALVE STEM TR543C - ALUMINUM WHL (NOT SHOWN)	1
17	1-843-010014	VALVE EXTENSION, STEM 3" (NOT SHOWN)	1
18	*	ABS TONE RING	1
19	114619	WHEEL GUARD, 8 HOLE (NOT SHOWN)	1

* THIS PART SHOULD BE REPLACED IN CONJUNCTION WITH THE BRAKE DRUM IT SHOULD NEVER BE SOLD SEPARATELY.

** THE FIRST QUANTITY IS FOR THE 8 BOLT WHEEL, AND THE SECOND QUANTITY IS FOR THE 10 BOLT WHEEL.

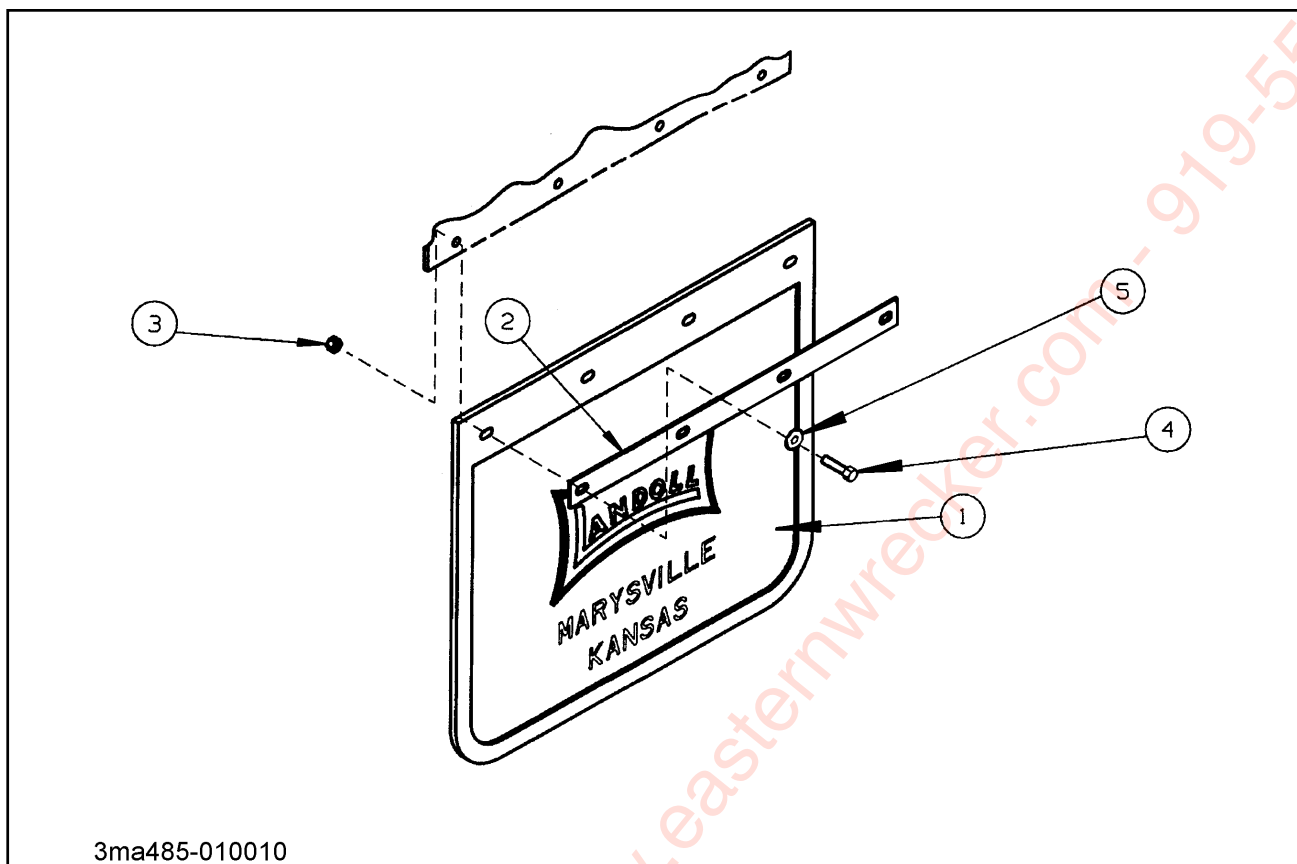


Figure 1-19 Mud Flap Assembly

MUD FLAP ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
	3-485-010010	MUD FLAP ASSEMBLY	
1	3-485-010001	FLAP, MUD 21"	
2	3-762-010017	CLAMP MUD FLAP	
3	1-510-010001	NUT, HEX FLANGE 3/8	
4	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	
5	1-861-010032-11	WASHER, FLAT 3/8W	

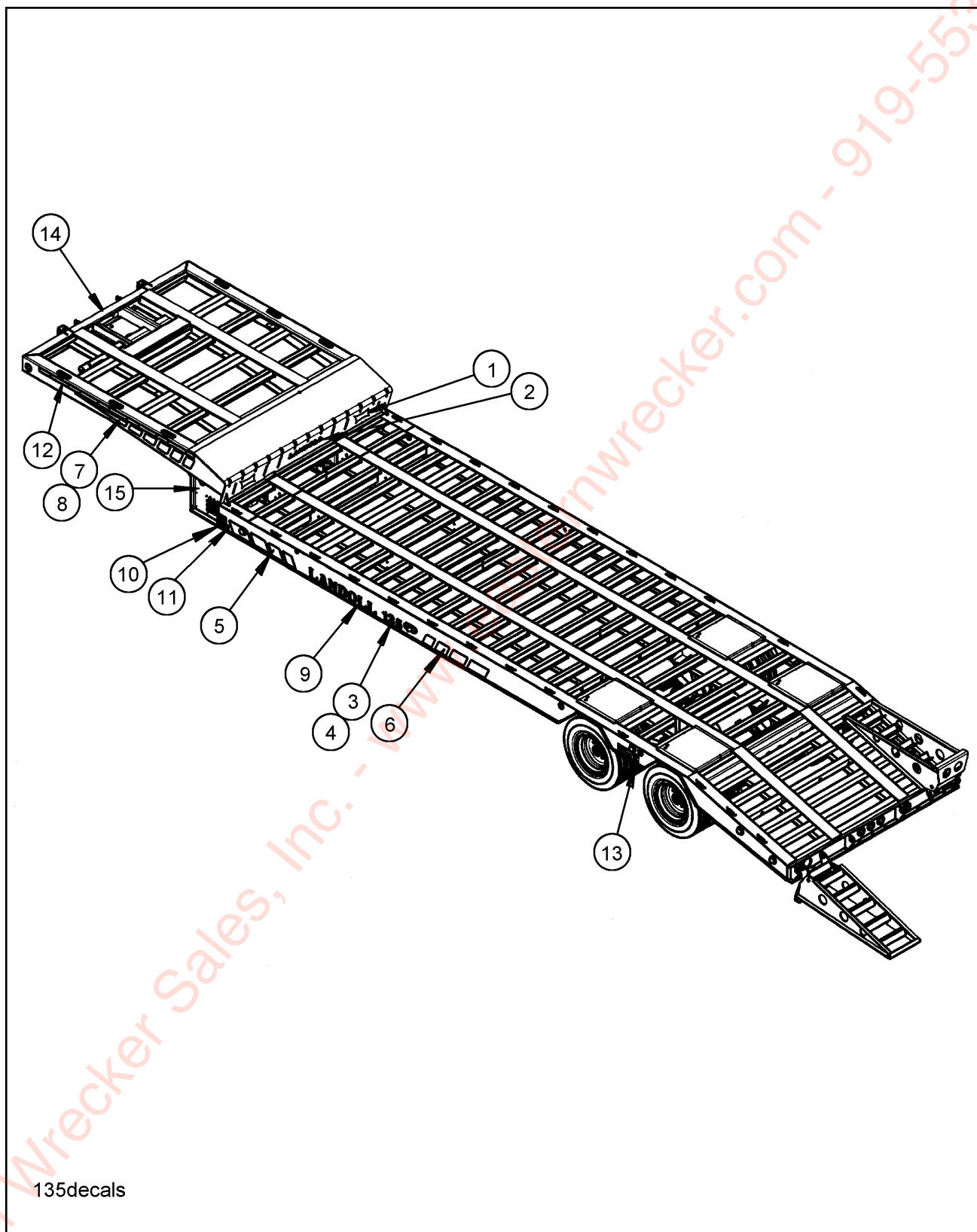


Figure 1-20 Decal Placement

DECAL INSTALLATION

ITEM	PART NO.	DESCRIPTION	QTY.
	116746	DECAL INSTALLATION 135 BK/LT 50K	
	116747	DECAL INSTALLATION 135 WH/DK 50K	
	117494	DECAL INSTALLATION 150 BK/LT 70K	
	117495	DECAL INSTALLATION 150 WH/DK 70K	
	124469	DECAL INSTALLATION 135 WH/DK 50K	
1	1-573-010476	DECAL, BOW-TIE (BLACK)	2
	1-573-010480	DECAL, BOW-TIE (WHITE)	2
2	1-573-010477	DECAL, LANDOLL 2-7/16" (BLACK)	1
	1-573-010481	DECAL, LANDOLL 2-7/16" (WHITE)	1
3	116730	DECAL, 135 5" (BLACK)	3
	116729	DECAL, 135 5" (WHITE)	3
4	117795	DECAL, 150 5" (BLACK)	3
	117794	DECAL, 150 5" (WHITE)	3
5	3-573-010040	DECAL, FRONT STRIPE (LEFT BLACK)	2
	3-573-010042	DECAL, FRONT STRIPE (LEFT WHITE)	2
6	3-573-010041	DECAL, FRONT STRIPE (RIGHT BLACK)	2
	3-573-010043	DECAL, FRONT STRIPE (RIGHT WHITE)	2
7	3-573-010044	DECAL, TAPERED STRIPE (LEFT BLACK)(NOT SHOWN)	1
	3-573-010046	DECAL, TAPERED STRIPE (LEFT WHITE)(NOT SHOWN)	1
8	3-573-010045	DECAL, TAPERED STRIPE (RIGHT BLACK)	1
	3-573-010047	DECAL, TAPERED STRIPE (RIGHT WHITE)	1
9	3-573-010048	DECAL, LANDOLL 5" BLACK	2
	3-573-010049	DECAL, LANDOLL 5" WHITE	2
10	3-573-010349	DECAL, CAUTION 50,000#/10FT (TANDEM)	2
	3-573-010085	DECAL, CAUTION 70,000#/10FT (TRIPLE)	2
11	3-573-010350	DECAL, GOTCHA PULL	2
12	3-573-010377	DECAL, 2" REFLEXITE TAPE RD/WHT	AR
13	3-573-010210	DECAL, TORQUE SPEC 8-10 STUD HUB	REF
14	105822	DECAL, HYD COUPLER	REF
15	113274	PLACARD, CONTROL PANEL	REF

* If trailer is repainted or if decals become illegible, order new ones from the factory and replace.

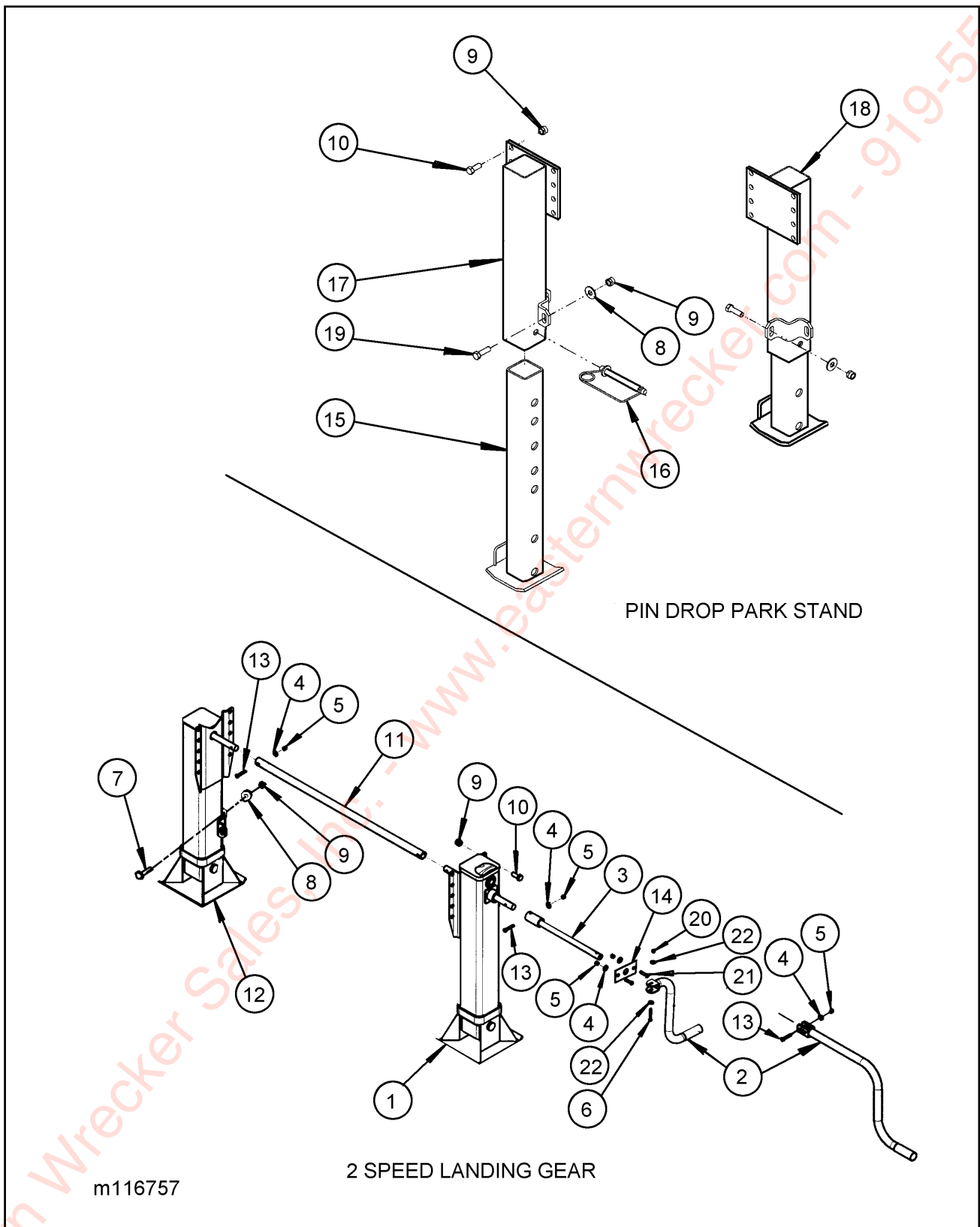


Figure 1-22 Landing Gear Installation

LANDING GEAR INSTALLATION

ITEM	PART NO.	DESCRIPTION	QTY.
	104243	PARK STAND INSTALLATION, PIN DROP (INCL. ITEMS 9-10, 15-19)	
	116757	LANDING GEAR INSTALLATION, 2 SPEED (INCL. ITEMS 1-14, 20-22)	
	118169	LANDING GEAR INSTALLATION, 2 SPEED (INCL. ITEMS 1-2, 4-5, 7-13)	
1	109709	LANDING GEAR 2 SPEED JOST (SEE PAGE 1-43)	1
2	117001	HANDLE, CRANK MODIFICATION (USED ON 116757)	1
	109710	CRANK, LANDING GEAR (USED ON 118169)	1
3	117004	EXTENSION WELDMENT, TWO SPEED CRANK	1
4	1-861-010032-11	WASHER, FLAT 3/8	6
5	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	6
6	108628	SCREW, HEX HEAD CAP 5/16-18 X 2-1/4 GR5	1
7	1-654-010059-04	SCREW, HEX HEAD CAP 5/8-11 X 1-3/4 GR5	4
8	1-861-010032-19	WASHER, FLAT 5/8	4
9	1-512-010005-13	NUT, HEX LOCK 5/8-11 GRB	20
10	1-654-010059-03	SCREW, HEX HEAD CAP 5/8-11 X 1-1/2 GR5	16
11	109160	CROSS-SHAFT LANDING GEAR (40") (USED ON 116757)	1
	118246	CROSS-SHAFT LAND GEAR (45-1/2") (USED ON 118169)	1
12	104238	ANCHOR, LOWER, BOLT-ON	2
13	1-654-010051-09	SCREW, HEX HEAD CAP 3/8-16 X 2 GR5	3
14	117003	GUIDE, CRANK EXTENSION	1
15	3-725-010058	STAND WELDMENT PARK INSIDE	2
16	346SL	LOCK HITCH PIN	2
17	112678	PARK STAND WELDMENT LH (FRONT PIN)	1
18	112679	PARK STAND WLDMT RH (FRONT PIN)	1
19	1-654-010059-05	SCREW, HEX HEAD CAP 5/8-11 X 2 GR5	4
20	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	1
21	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	2
22	1-861-010032-09	WASHER, FLAT 5/16W	2

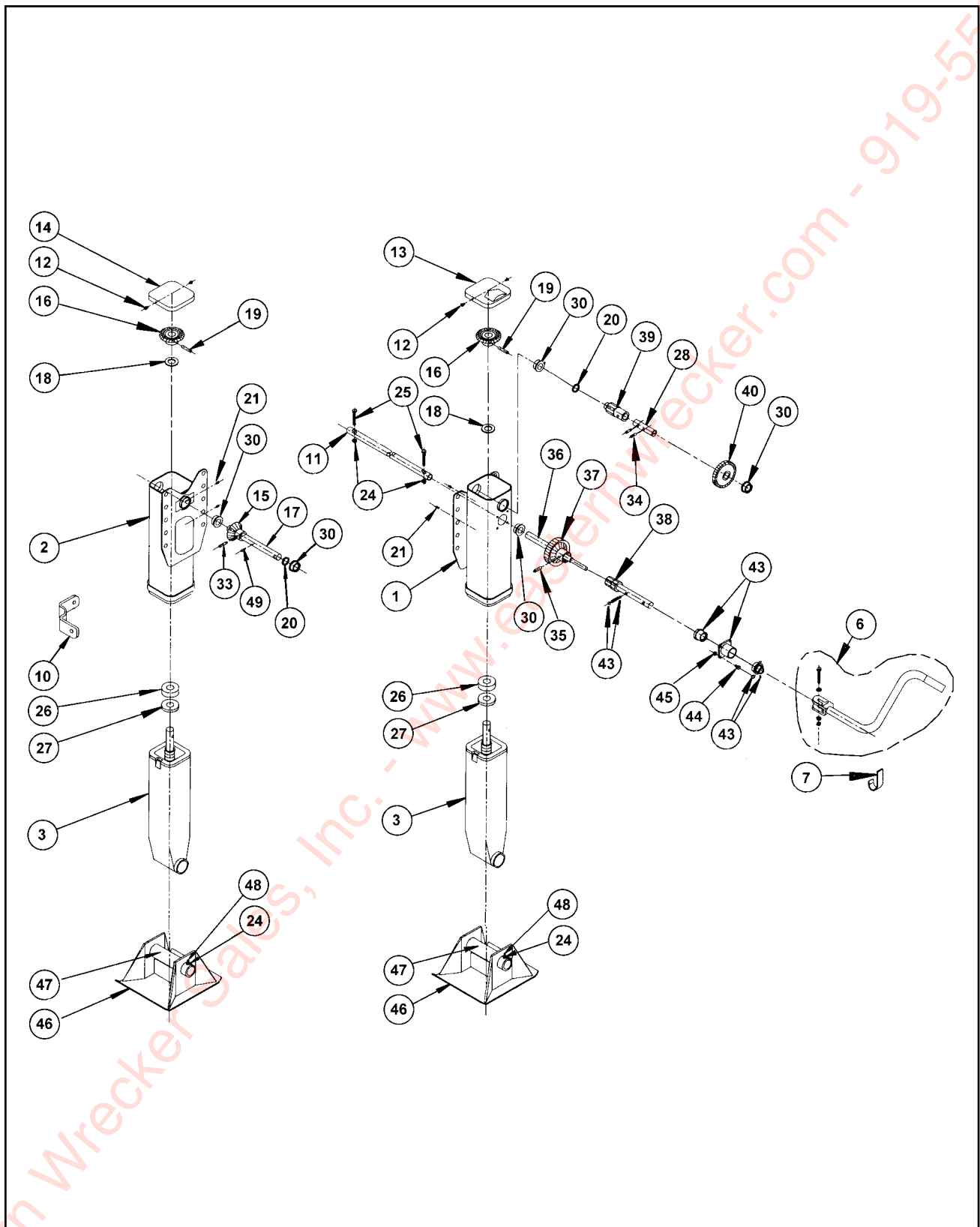


Figure 1-23 Crank Landing Gear

CRANK LANDING GEAR

ITEM	PART NO.	DESCRIPTION	QTY.
	109709	LANDING GEAR INSTALLATION-660	
1	D10201.2	OUTER HOUSING - 2 SPEED	1
2	D10116.2	OUTER HOUSING - 1 SPEED	1
3	C10140.2	INNER LEG ASSEMBLY - STANDARD	2
6	109161	CRANK 930 MODIFICATION	1
7	109711	CRANK HANGER	1
10	109712	BRACE LUG - W	2
11	B10066	INTERMEDIATE CROSS SHAFT	1
12	A10059.1	COVER SCREW	4
13	C10217	COVER - 2 SPEED	1
14	C10259	COVER - 1 SPEED	1
15	C10177	PINION GEAR	1
16	C10155	BEVEL GEAR	2
17	B10130	PINION SHAFT - 1 SPEED	1
18	A10102	THRUST WASHER	2
19	A10052.3	GROOVED PIN	2
20	A10218	SPACER WASHER	2
21	A10040	GREASE FITTING	4
23	C10209	STRUT BRACE (NOT SHOWN)	4
24	A10038.7	SELF LOCKING NUT	2
25	A10037.1	CROSS SHAFT BOLT - 3/8 X 2 GR5	2
26	A10033	THRUST BEARING	2
27	A10101	COLLAR	2
28	A10212	OUTPUT SHAFT	1
30	A10255	BUSHING	5
33	A10054.3	ROLL PIN 3/8 X 1-1/2	1
34	A10260.1	SPIRAL PIN	2
35	A10054.7	ROLL PIN - 3/8 X 1-3/4	1
36	B10236	OUTPUT CLUSTER SHAFT	1
37	C10234	OUTPUT CLUSTER GEAR	1
38	C10233	INPUT GEAR SHAFT	1
39	C10078	OUTPUT SPUR GEAR	1
40	C10085	INPUT SPUR GEAR	1
43	B10229.S	SHIFT HOUSING SERVICE KIT	1
44	A10230	SHIFT HOUSING BOLT	4
45	A10038.6	SELF LOCKING NUT	4
46	C10256	SHOE - 10 X 10 X 4-1/2	2
47	B10036	SHOE AXLE	2
48	A10037.3	HEX HEAD BOLT	2
49	A10054.6	ROLL PIN - 1/4 X 1-1/4	1

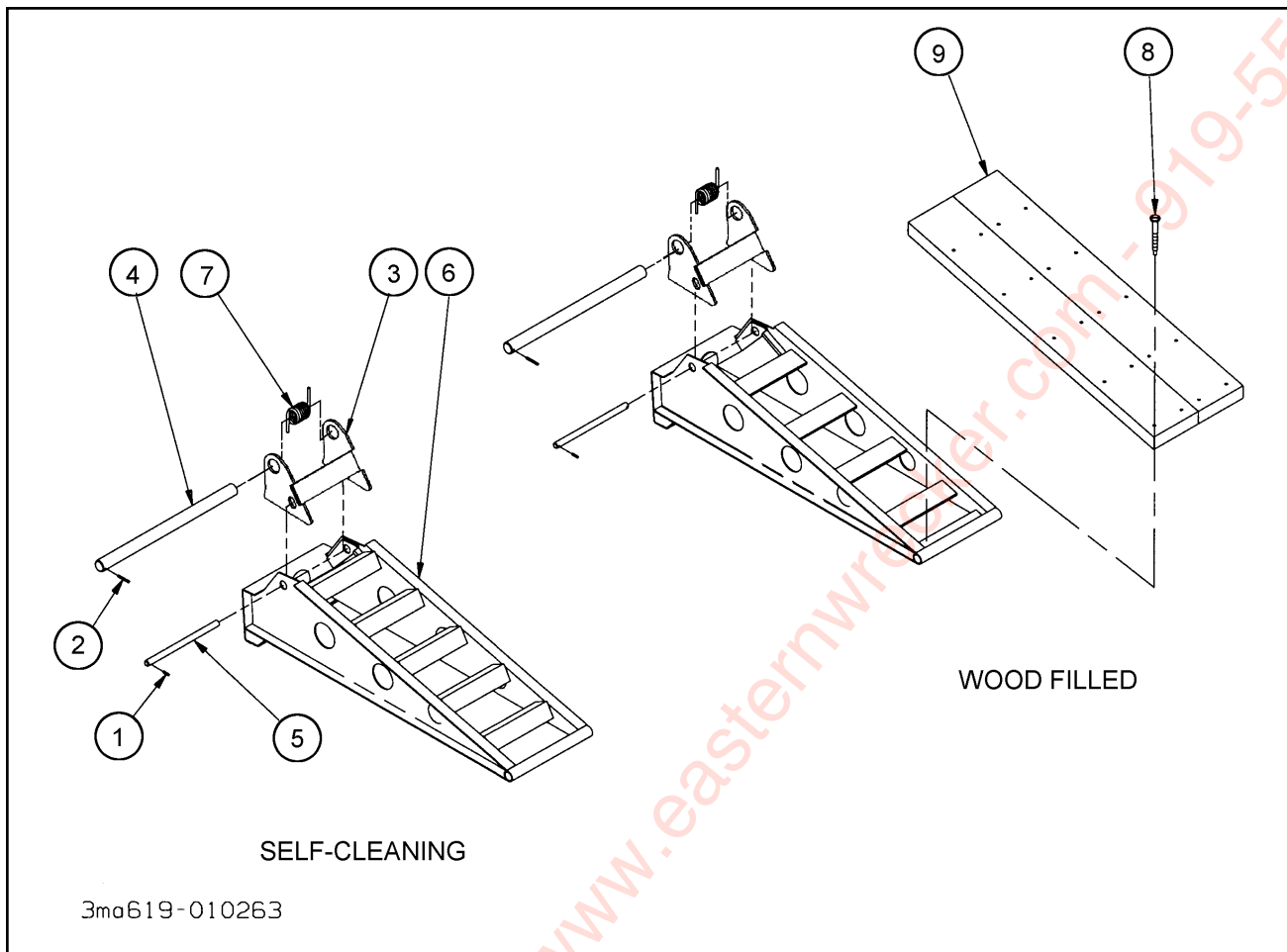


Figure 1-24 Ramp Assembly, Outer

RAMP ASSEMBLY, OUTER

ITEM	PART NO.	DESCRIPTION	QTY.
	116753	RAMP ASSEMBLY, SELF CLEAN	
	116754	RAMP ASSEMBLY, WOOD FILLED	
1	1-647-010004255	PIN, SPRING SLOTTED 2 X 3/8	4
2	1-647-010004259	PIN, SPRING SLOTTED 3 X 3/8	4
3	116616	BRACKET WELDMENT RAMP PIVOT	2
4	3-557-010541	PIN, RAMP 2"	2
5	3-557-010542	PIN, RAMP 1"	2
6	3-619-010258	RAMP WELDMENT	2
	3-619-010262	RAMP WELDMENT, WOOD FILLED	2
7	3-720-010084	SPRING, TORSION	2
8	3-654-010129-1	SCREW, TORQUE 5/16 X 3	20
9	RWD 34999	APITONG, 1-1/2 X 7-3/4	AR

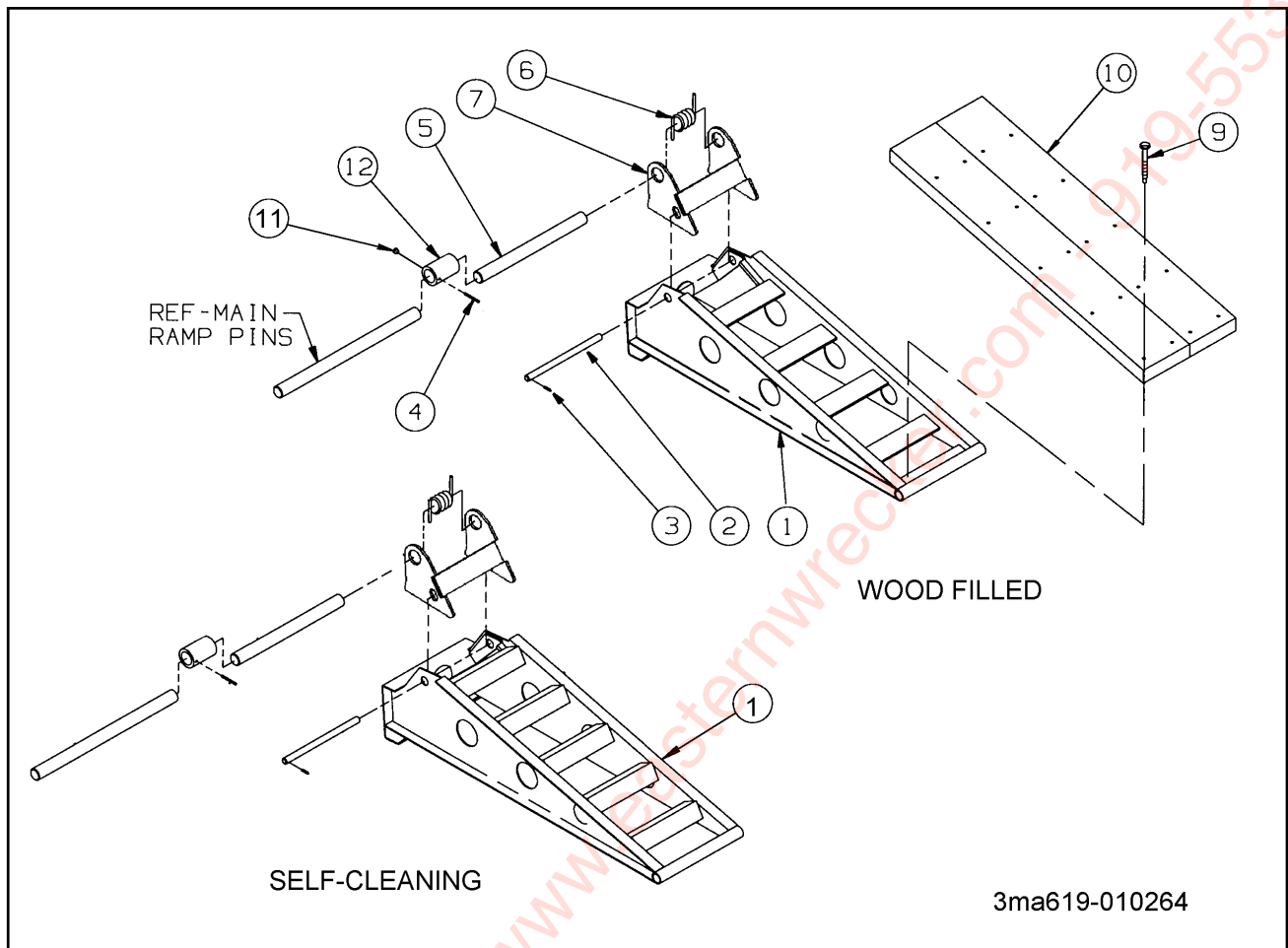


Figure 1-25 Ramp Assembly, Center (Option)

RAMP ASSEMBLY, CENTER (OPTION)

ITEM	PART NO.	DESCRIPTION	
	116755	RAMP ASSEMBLY, SELF CLEAN	
	116756	RAMP ASSEMBLY, WOOD FILLED	
1	3-619-010258	RAMP WELDMENT	1
	3-619-010262	RAMP WELDMENT, WOOD FILLED	1
2	3-557-010542	PIN, RAMP 1"	1
3	1-647-010004255	PIN, SPRING SLOTTED 2 X 3/8	2
4	1-654-010049-15	SCREW, HEX HEAD CAP 5/16-18 X 3-1/2 GR5	2
5	3-557-010547	PIN, THIRD RAMP	1
6	3-720-010084	SPRING, TORSION	1
7	116616	BRACKET WELDMENT RAMP PIVOT	1
9	3-654-010129-1	SCREW, TORQUE 5/16 X 3	40
10	RWD 34999	APITONG, 1-1/2 X 7-3/4	AR
11	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	2
12	3-220-010030	COUPLER, THIRD RAMP	2

TOOLBOX INSTALLATION

ITEM	PART NO.	DESCRIPTION	QTY.
	114807	TOOLBOX INSTALLATION STEEL DOOR	1
	116628	TOOLBOX INSTALLATION ALUMINUM DOOR	1
1	1-510-010003-09	NUT, FLANGE HEAD SERRATED 1/2-13	10
2	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
3	1-861-010032-07	WASHER, FLAT 1/4W	4
4	1-861-010032-15	WASHER, FLAT 1/2W	16
5	1-861-010034-09	WASHER, SPLIT LOCK 1/4	4
6	107-0975	SCREW, SET LOCK 5/16-18 X 3/8	2
7	114808	TOOLBOX WELDMENT	1
8	114814	LATCH, FOLDING T LOCKABLE	1
9	114815	SEAL SPONGE RUBBER TRIM	7
10	115843	BAR, BACKUP TOOLBOX MOUNTING	2
11	115877	NUT, HEAVY HEX 1/4-20 GR5	4
12	116623	DOOR WELDMENT STEEL TOOLBOX	1
	116624	DOOR WELDMENT ALUMINUM TOOLBOX	1
13	RPRB59004X3H	BAR ROUND, 3/4DIA X 3-1/2 NYLATRON	2
14	117860	BRACKET WELDMENT TOOLBOX MOUNTING	2
15	1-654-010055-01	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	6

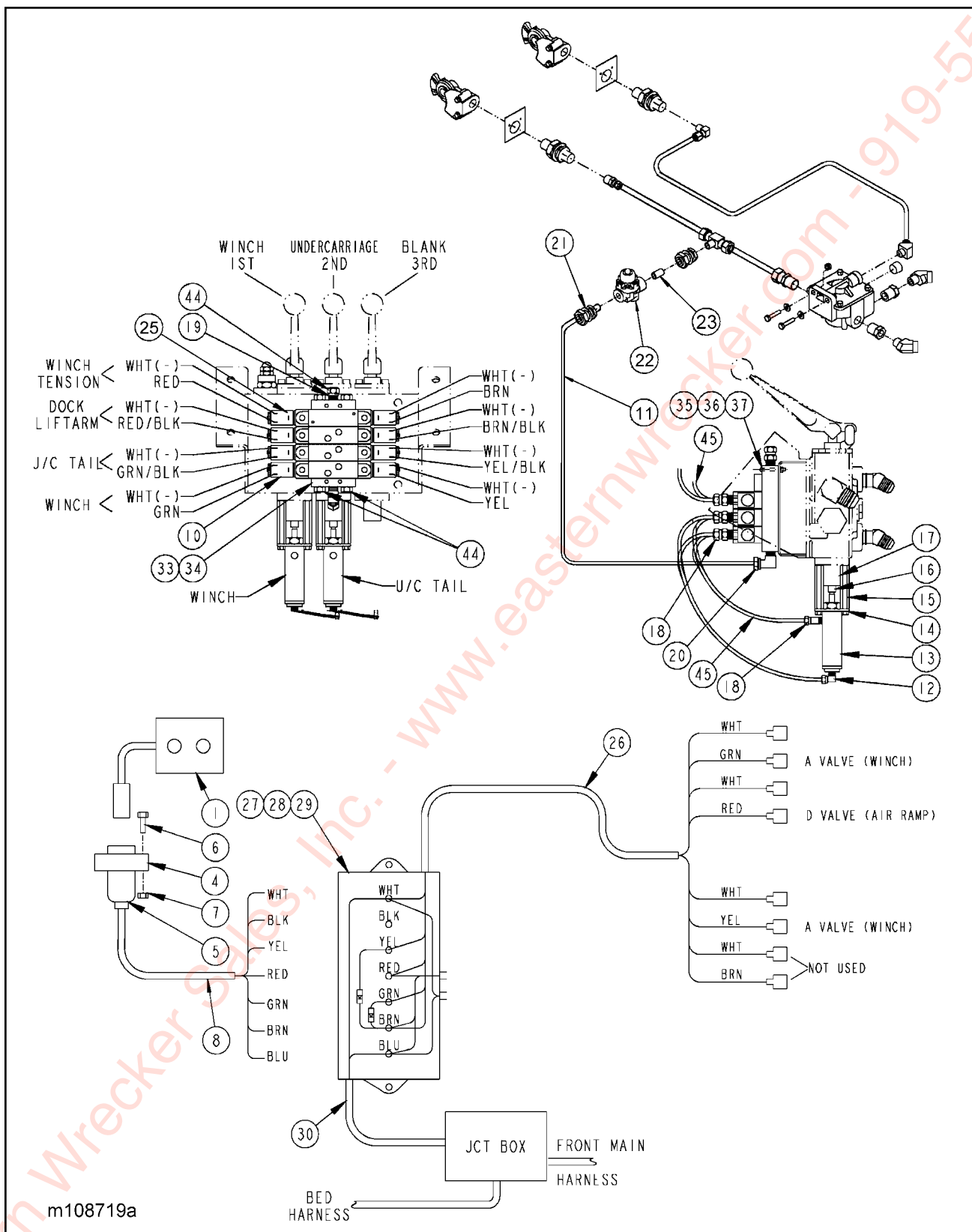


Figure 1-27 Remote Control Items

WIRED REMOTE CONTROL ITEMS

ITEM	PART NO.	DESCRIPTION	QTY.
	3-208-010053-01	REMOTE CONTROL - WN	1
1	3-765-010001	CONTROL REMOTE WINCH	1
4	3-272-010125	RECEPTACLE 7-PIN	1
5	59W-2-3	RUBBER BOOT	1
6	1-654-010049-06	SCREW HEX HEAD CAP 5/16-18X1-1/4 GR5	2
7	1-512-010005-03	NUT HEX LOCK 5/16-18 GRB	2
8	3-368-010189	HARNESS, PANEL	1
10	3-843-010015	VALVE PNEUM. 4-WAY 3-POS	1
11	1-833-010001	NYLON TUBING 1/4 OD	AR
12	1-297-010008-01	FITTING AIR 90	1
13	3-238-010001	CYLINDER AIR	1
14	3-482-010288	MT AIR CYL VALVE	1
15	3-711-010055	SPACER	4
16	3-007-010039	ADAPTER AIR CYLINDER	1
17	3-161-010034	CAP MOD. VALVE SPOOL	1
18	68CA-2-2	CONNECTOR AIR	3
19	3-136-010001-02	BREATHER PNEUMATIC EXCH 1/4 NPT	2
20	1-297-010008-07	FITTING AIR 90	1
21	1-297-010007-05	FITTING AIR	2
22	905-54-107	VALVE FILTER PRESSURE	REF
	48100200	FILTER	1
23	1-297-010019-05	FITTING, BRS PIPE	1
25	3-843-010022	VALVE PNEU. 4-WAY 2-POS	REF
26	3-368-010129	HARNESS ASSY, SINGLE REMOTE	1
27	1-861-010032-06	WASHER FLAT 1/4N	2
28	1-512-010005-01	NUT HEX LOCK 1/4- 20 GRB	2
29	750-029	JUNCTION BOX 7-STUD	1
30	3-368-010188	HARNESS PWR JUMPER	1
33	3-843-010025	VALVE PNEU MANIFOLD	1
34	3-843-010024	VALVE BLK STATION CVR	1
35	1-654-010024014	SCREW MACH SLOT #6-32X1-1/2 GR2	4
36	1-861-010032-01	WASHER FLAT #6	4
37	1-512-010003-02	NUT HEX LOCK #6-32 GRB	4
44	1-297-010033-02	PLUG BRASS PIPE 1/4	3
45	NB-2-016	TUBING NYLON 1/8 OD	3

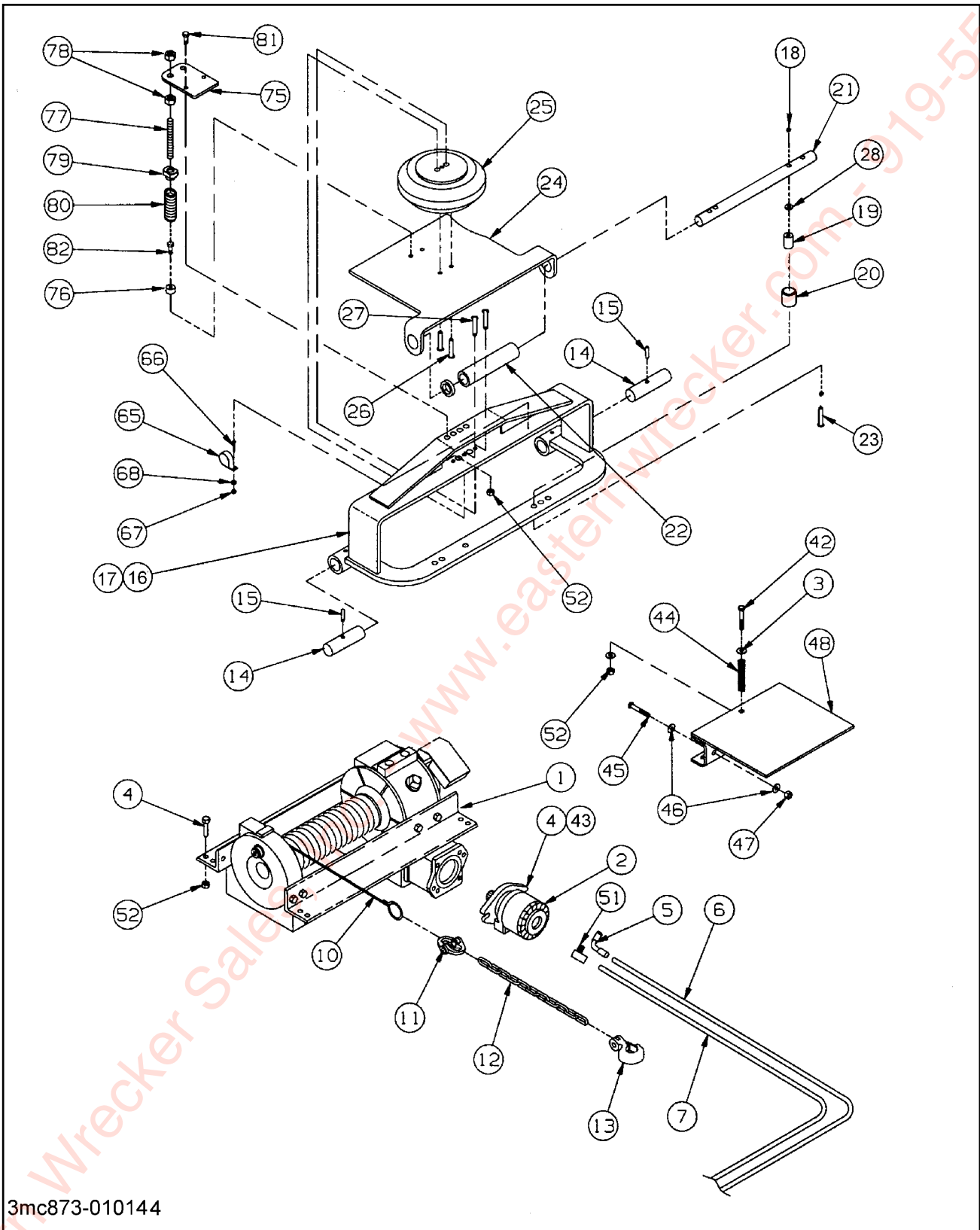


Figure 1-28 12K Upper Deck Winch (Braden)
(1 of 2)

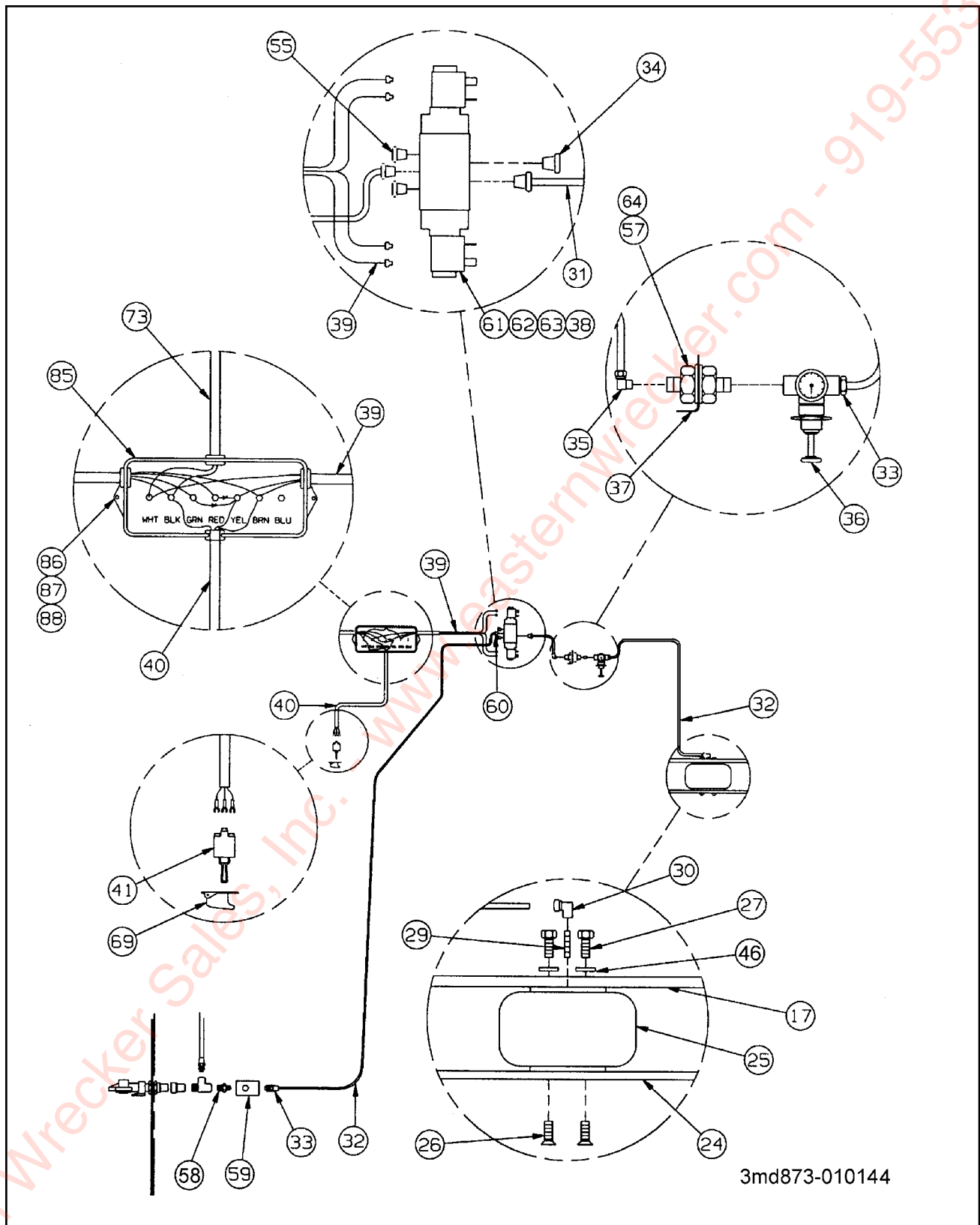


Figure 1-29 12K Upper Deck Winch (Braden)
(2 of 2)

12K UPPER DECK WINCH (BRADEN)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-873-010144	WINCH INSTALLATION 600-12K	
1	3-873-010122	WINCH ASSY 12K (SEE PAGE 1-55)	1
2	3-481-010006	MOTOR HYD.(SEE PAGE 1-57)	1
3	1-861-010032-15	WASHER, FLAT 1/2	2
4	1-654-010055-04	SCREW, HEX HEAD CAP 1/2-13 X 1-3/4 GR5	2
5	202702-10-8S	ADAPTER STR.	1
6	1-397-010301170	HOSE ASSEMBLY	1
7	1-397-010302172	HOSE ASSEMBLY	1
10	3-155-010017-4	CABLE (12K)85' W/ LOOP	1
	3-155-010018-6	CABLE (20K)85' W/ LOOP	1
11	3-174-010038	LINK	1
12	3-174-010039036	CHAIN	1
13	7HCGHT500	HOOK	1
14	3-557-010474	PIN, PIVOT	**2
15	1-647-010004255	SPRING PIN, SLOTTED TYPE	**2
16	3-125-010464	BRACKET WLDMT WINCH ROLLER (NOT SHOWN)	**1,****1
17	3-125-010465	BRACKET WLDMT WINCH TENS	*1,**1,***1
18	1-512-010005-13	NUT HEX LOCK 5/8-11 GR8	**2
19	3-150-010196	BUSHING, ROD ROLLER-600	**2
20	3-831-010172	TUBE, ROLLER SIDE	**2
21	3-642-010150	ROD, ROLLER TOP	**1
22	3-831-010151	TUBE, ROLLER TOP	**1
23	1-654-010059-15	SCREW, HEX HEAD CAP 5/8-11X5 GR5	**2
24	3-873-010145	WINCH TENSIONER PLATE	*1
25	3-720-010042	SPRING, AIR 6-1/2	*1
26	1-654-010141-04	SCREW, HEX SOCKET CTSK 3/8-16X1 GR8	*2
27	1-654-010036-05	SCREW, HEX HEAD CAP 3/8-16X1 GR5	*2
28	1-861-010032-18	WASHER, FLAT 5/8N	2
29	1-297-010031-02	FITTING, BRASS PIPE 1/4 X 1-1/2	*1
30	1-297-010032-03	FITTING, AIR 90	*1
31	1-297-010007-04	CONNECTOR PIPE TO TUBE	***4
32	1-833-01001	NYLON TUBING 1/4 OD	***28FT
33	1-297-010007-05	FITTING, AIR	*2
34	1-560-010002-01	PLUG, HEX SOCKET	1
35	1-297-010008-07	FITTING, AIR 90	1
36	3-626-010004	REGULATOR, AIR PRESSURE	*1
37	3-120-010445	BRACKET, PRESSURE REGULATOR	*1
38	3-843-010022	VALVE, PNEUMATIC	***1
39	3-368-010129	HARNESS ASSY SINGLE REMOTE	***1
40	3-368-010187	HARNESS REMOTE SWITCH	***1
41	1-765-010065	SWITCH, TOGGLE	***1
42	1-654-010055-16	SCREW, HEX HEAD CAP 1/2-13X5-1/2 GR5	1
43	1-861-010034-13	WASHER, SPLIT LOCK 1/2	1
44	3-720-010010	SPRING COMP LEVEL WIND	1
45	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16X1-1/4 GR5	3
46	1-861-010032-10	WASHER, FLAT 3/8N	6
47	1-512-010005-05	NUT, HEX 3/8-16	3
48	3-873-010124	WINCH TENSIONER WLDMT	1
49	100600	DECAL, WARNING WINCH (NOT SHOWN)	1
51	206210-8S	ADAPTER, 90	****1
52	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	15

12K UPPER DECK WINCH (BRADEN)

ITEM	PART NO.	DESCRIPTION	QTY.
55	3-136-010001-01	BREATHING, PNEUMATIC EXHAUST	*2
57	1-297-010022-02	FITTING, AIR ANCHOR	1
58	1-297-010019-05	FITTING, BRASS PIPE	1
59	905-54-107	VALVE AND FILTER PRESSURE	*1,2
	48100200	FILTER	*1,2
60	1-297-010008-05	FITTING, AIR 90	*3
61	1-654-010024014	SCREW, MACH SLOT 6-32X1-1/2	*3
62	1-861-010032-01	WASHER, FLAT #6	*3
63	1-512-010003-02	NUT, HEX LOCK 6-32	*1
64	1-297-010020-02	FITTING, BRASS PIPE 1/4	REF
65	239-9076-3	SUPPORT CLAMP	*1
66	1-656-010003053	SCREW RD HEAD MACH. #10-24X1 GR2	*1
67	1-512-010004-03	NUT HEX LOCK #10-24	*1
68	1-861-010034-07	WASHER, SPLIT LOCK #10	*1
69	3-348-010048	GUARD SWITCH -3 POSITION	1
73	3-368-010188	HARNESS POWER JUMPER 660	1
75	3-565-011688	PLATE F/W SPRING TENSION - 600	*1
76	3-014-010255	ANCHOR F/W SPRING TENSION - 600	*2
77	RTR7999X4ZP	ROD THREADED	*2
78	1-512-010007-12	NUT HEX 3/4-10 GRB	*4
79	3-522-010017	NUT F/W SPRING TENSION - 600	*2
80	3-720-010035	SPRING	*2
81	1-654-010055-03	SCREW HEX HEAD CAP 1/2-13X1-1/2 GR5	*2
82	1-654-010055-01	SCREW HEX HEAD CAP 1/2-13 X 1 GR5	**2, ***3
85	750-029	JUNCTION BOX 7-STUD	1
86	1-512-010007-05	NUT HEX 1/4-20 GRB	2, ***3
87	1-861-010032-06	WASHER FLAT 1/4N	2
88	1-861-010034-09	WASHER SPLIT LOCK 1/4	2, ***3

NOTES:

- * - FOR AIR TENSION OPTION.
- ** - FOR CABLE ROLLER OPTION.
- *** - FOR AIR SHIFT OPTION.
- **** - FOR SPRING TENSION OPTION.

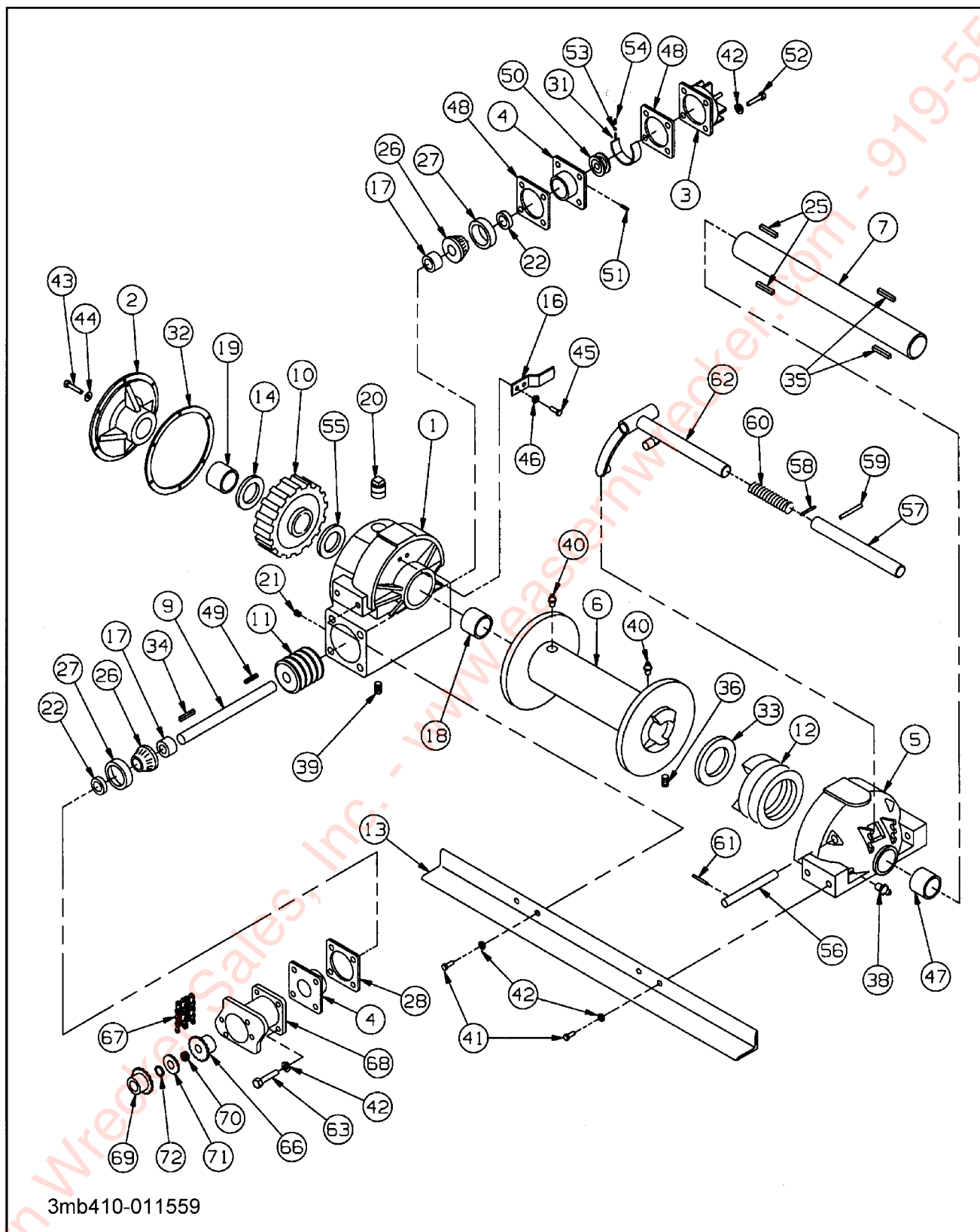


Figure 1-30 12,000# Winch Items (Braden Worm Gear)

12,000# WINCH ITEMS (BRADEN)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-873-010122	WINCH ASSEMBLY, 12,000#	
1	81006	HOUSING ASSEMBLY WORM (INCLUDES ITEM 18)	1
2	81009	HOUSING COVER WORM (INCLUDES 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	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	SCREW, SET	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

12,000# WINCH ITEMS (BRADEN)

ITEM	PART NO.	DESCRIPTION	QTY.
49	10078	KEY	1
50	18028	DRUM, BRAKE	1
51	12075	SCREW, SET	1
52	22703	CAPSCREW	4
53	13468	JAM NUT	4
54	18029	BRAKE BAND SPRING	1
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 (NOT SHOWN)	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

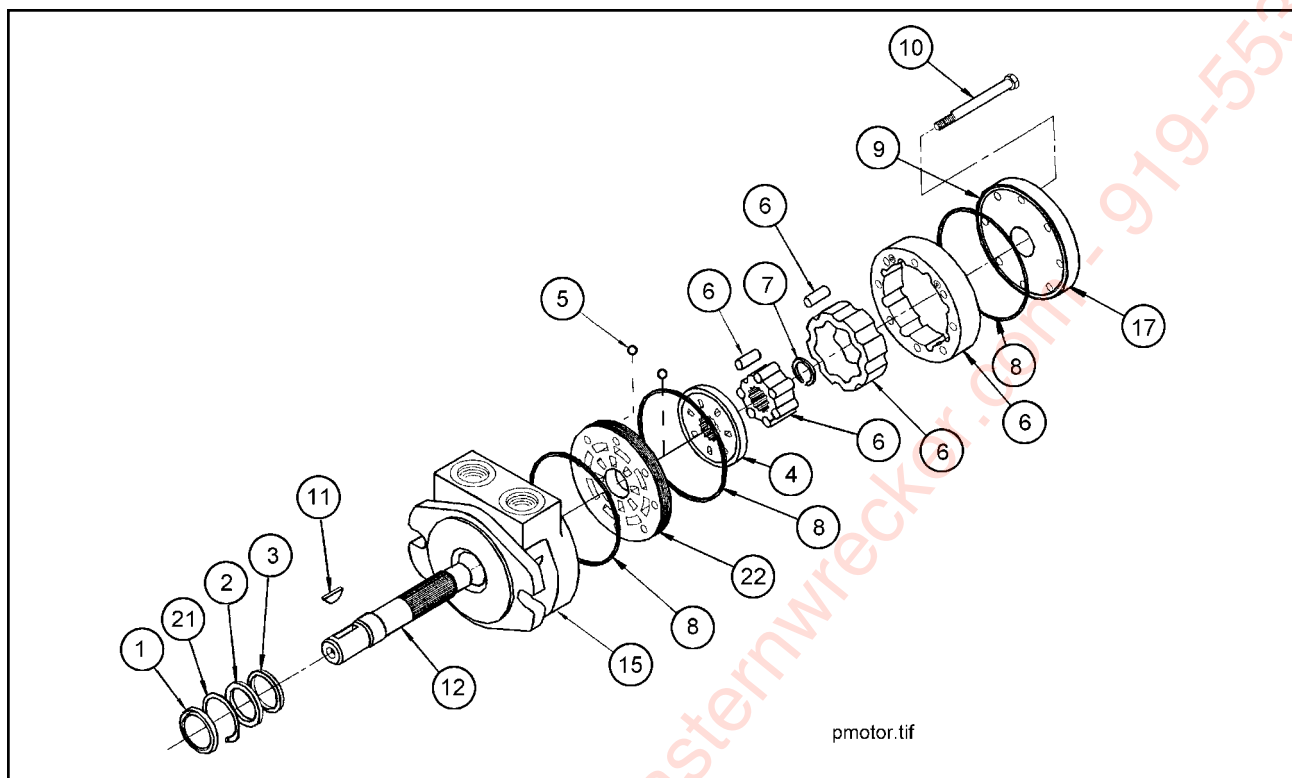


Figure 1-31 Winch Motor Assembly

WINCH MOTOR ASSEMBLY (BRADEN)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-481-010006	MOTOR HYDRAULIC	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	1004-3	IGR ASSY	1
7	1296	SNAP RING	1
8	1046	RING SEAL	3
9	1019-4	PLUG VENT W/O-RING	1
10	1114-5	BOLTS HEX	2
11	1655	KEY WOODRUFF	1
12	2109-3	SHAFT	1
15	PA-2328-2	BODY/BEARING ASSY	1
17	M110C-1	COVER/BEARING ASSY	1
21	2180	SNAP RING SHAFT	1
22	1865	COMMUTATOR PLATE	1
	2263	SEAL KIT BODY	1
	2480	SEAL KIT BODY VITON	1

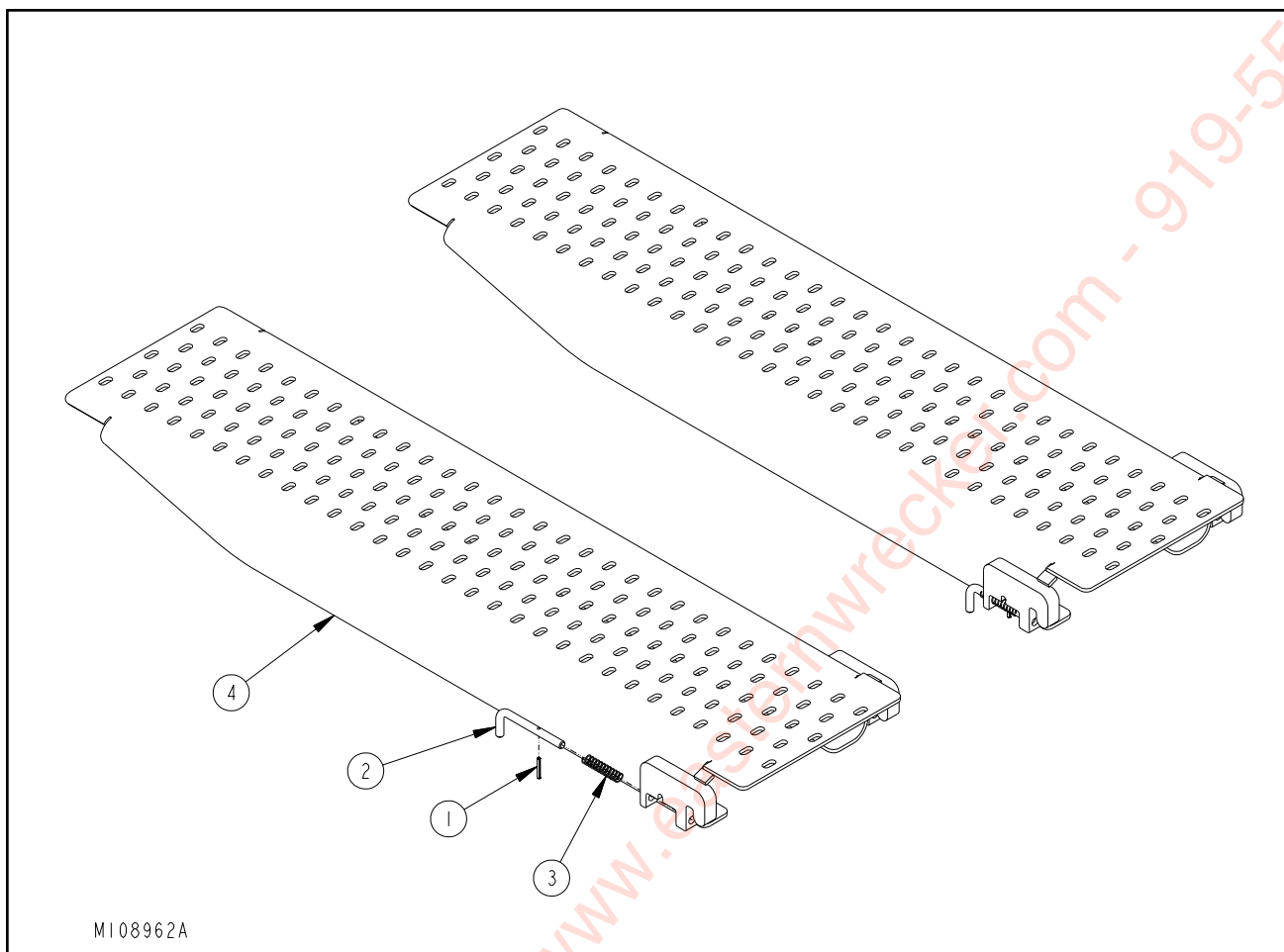


Figure 1-32 Portable Ramp Assembly (Option)

PORTABLE RAMP ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	108962	RAMP ASSEMBLY, ALUMINUM	
	109174	RAMP ASSEMBLY, STEEL	
1	1-647-010004177	ROLL PIN SLOTTED 3/16 X 1-1/2	4
2	104252	PIN, P/O EXT LOCK	4
3	104253	SPRING, COMPRESSION P/O EXT LOCK	4
4	108737	RAMP WELDMENT, FRONT REMOVABLE	2
	109173	RAMP WELDMENT, STEEL FRONT REMOVABLE	2

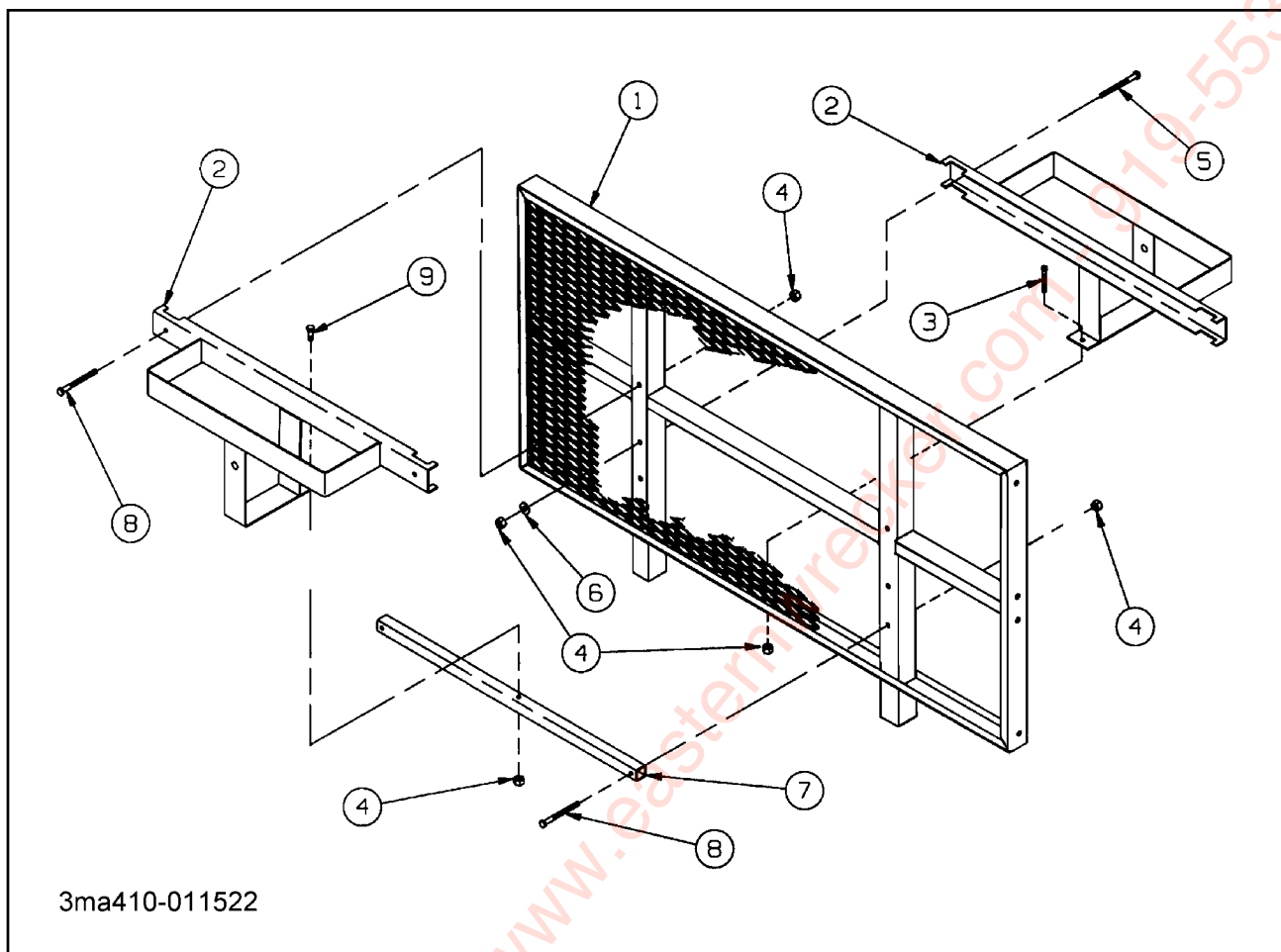


Figure 1-33 Spare Tire Carrier (Option)

SPARE TIRE CARRIER (OPTION)

ITEM	PART NO.	DESCRIPTION	
	3-612-010015-1	RACK INSTALLATION BHD, FRONT MOUNT	
	3-612-010015-2	RACK INSTALLATION BHD, REAR MOUNT	
1	3-141-010120	BULKHEAD WELDMENT	REF
2	3-612-010016	RACK WELDMENT BULKHEAD MOUNT	1
3	1-654-010055-01	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	1
4	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	3,5*
5	1-654-010055-15	SCREW, HEX HEAD CAP 1/2-13 X 5 GR5	2
6	1-861-010032-15	WASHER, FLAT 1/2W	2,0*
7	3-829-010337	TUBE W/ TAB	0,1*
8	1-654-010055-18	SCREW, HEX HEAD CAP 1/2-13 X 6-1/2 GR5	0,4*
9	1-654-010055-09	SCREW, HEX HEAD CAP 1/2-13 X 3 GR5	0,1*

* FIRST QUANTITY IS FOR THE FRONT MOUNT, SECOND QUANTITY IS FOR THE REAR MOUNT.

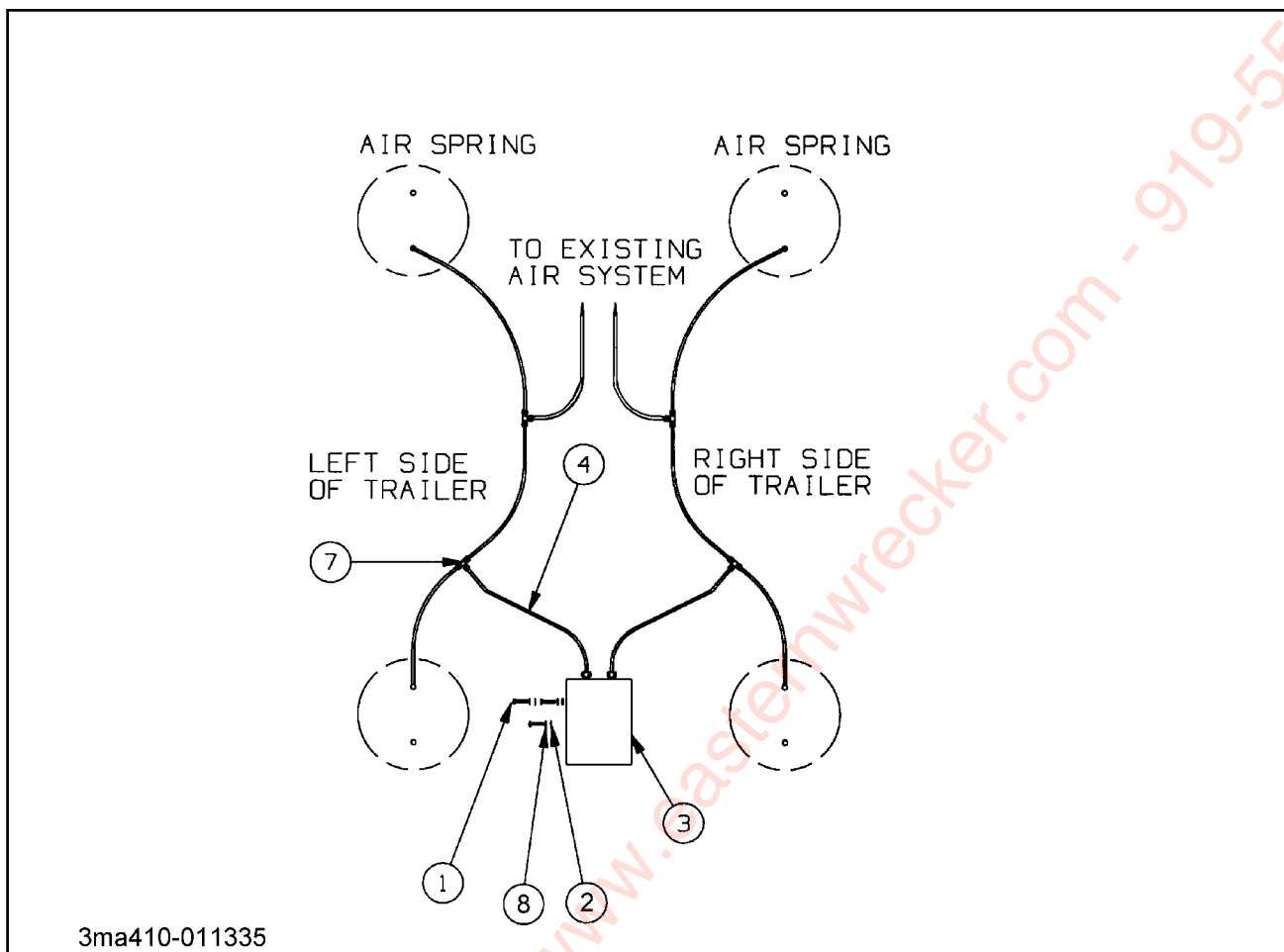


Figure 1-34 Scale-o-matic Installation (Option)

SCALE-O-MATIC INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-410-011335	SCALE-O-MATIC INSTALLATION	
1	1-654-010047-06	SCREW, HEX HEAD CAP 1/4-20 X 1 GR5	4
2	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	4
3	3-762-010612	SCALE-O-MATIC 25000 LB CAP	1
4	1-833-010001	NYLON TUBING 1/4OD	10
5	3-146-010072	BUMPER (NOT SHOWN)	REF
6	3-120-010426	BRACKET, SCALE-O-MATIC MTG (NOT SHOWN)	1
7	1-297-010010-04	FITTING AIR UNION/TEE	2
8	1-861-010032-06	WASHER, FLAT 1/4N	4
9	1-654-010049-05	SCREW, HEX HEAD CAP 5/16-18 X 1 GR5(NOT SHOWN)	4
10	1-861-010032-09	WASHER, FLAT 5/16-18 X 1 GR5 (NOT SHOWN)	4
11	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB (NOT SHOWN)	4

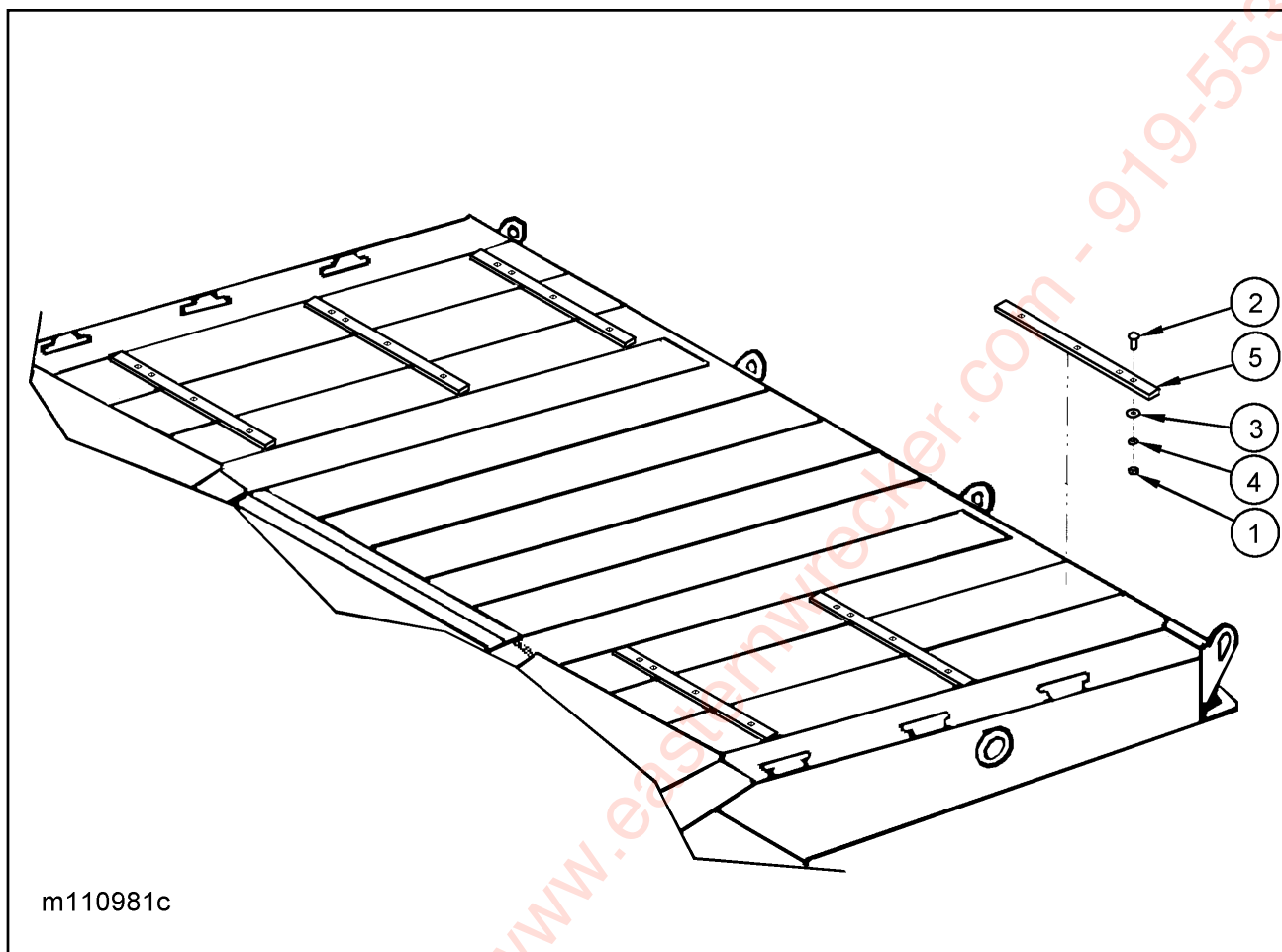


Figure 1-35 Traction Bar Assembly (Option)

TRACTION BAR ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	117496	TRACTION BAR ASSEMBLY	
	3-054-010483-01	TRACTION BAR INSTALLATION	
1	1-512-010007-09	NUT, HEX 1/2-13	3
2	1-654-010070-09	SCREW, RD HEAD SQ NECK 1/2-13 X 3	3
3	1-861-010032-15	WASHER FLAT 1/2	3
4	1-861-010034-13	WASHER, SPLIT LOCK 1/2	3
5	117497	BAR, TRACTION	1
	3-054-010482	BAR, TRACTION	1

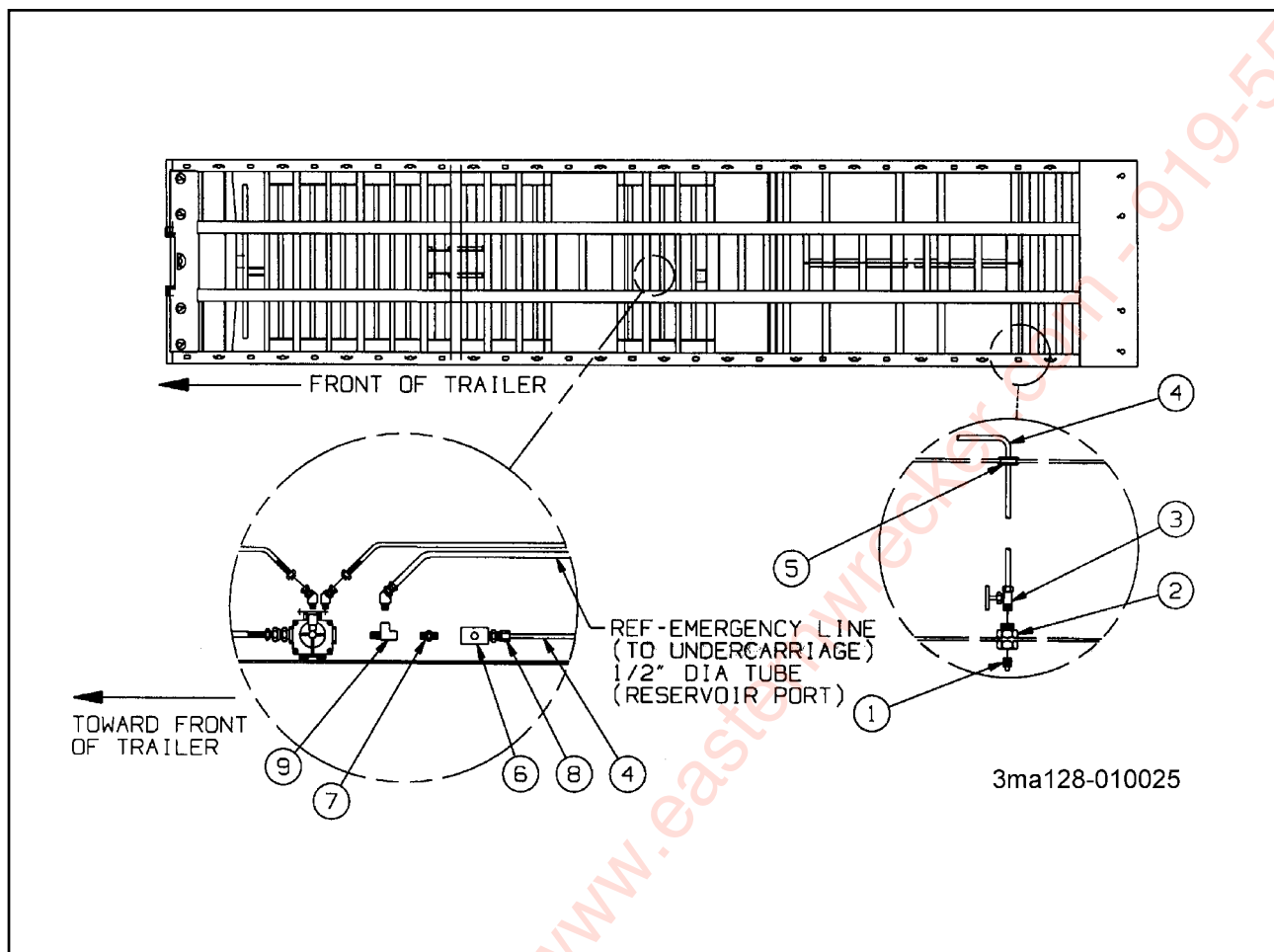


Figure 1-36 Air Outlet, Accessory Assembly (Option)

AIR OUTLET, ACCESSORY ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-128-010025	AIR OUTLET, ACCESSORY	
1	1-560-010002-02	PLUG, PIPE 1/4	1
2	1-297-010022-02	FITTING, AIR ANCHOR COUPLING	1
3	A6760S	SHUT OFF VALVE	1
4	1-833-010002	TUBING, NYLON 3/8	20
5	1-343-010007	GROMMET	1
6	905-54-107	BRAKE PROTECTION VALVE	1
7	2083-8-4S	NIPPLE, HEX	1
8	1-297-010007-11	FITTING, AIR	1
9	1-297-010018-04	FITTING, BRASS PIPE TEE	1

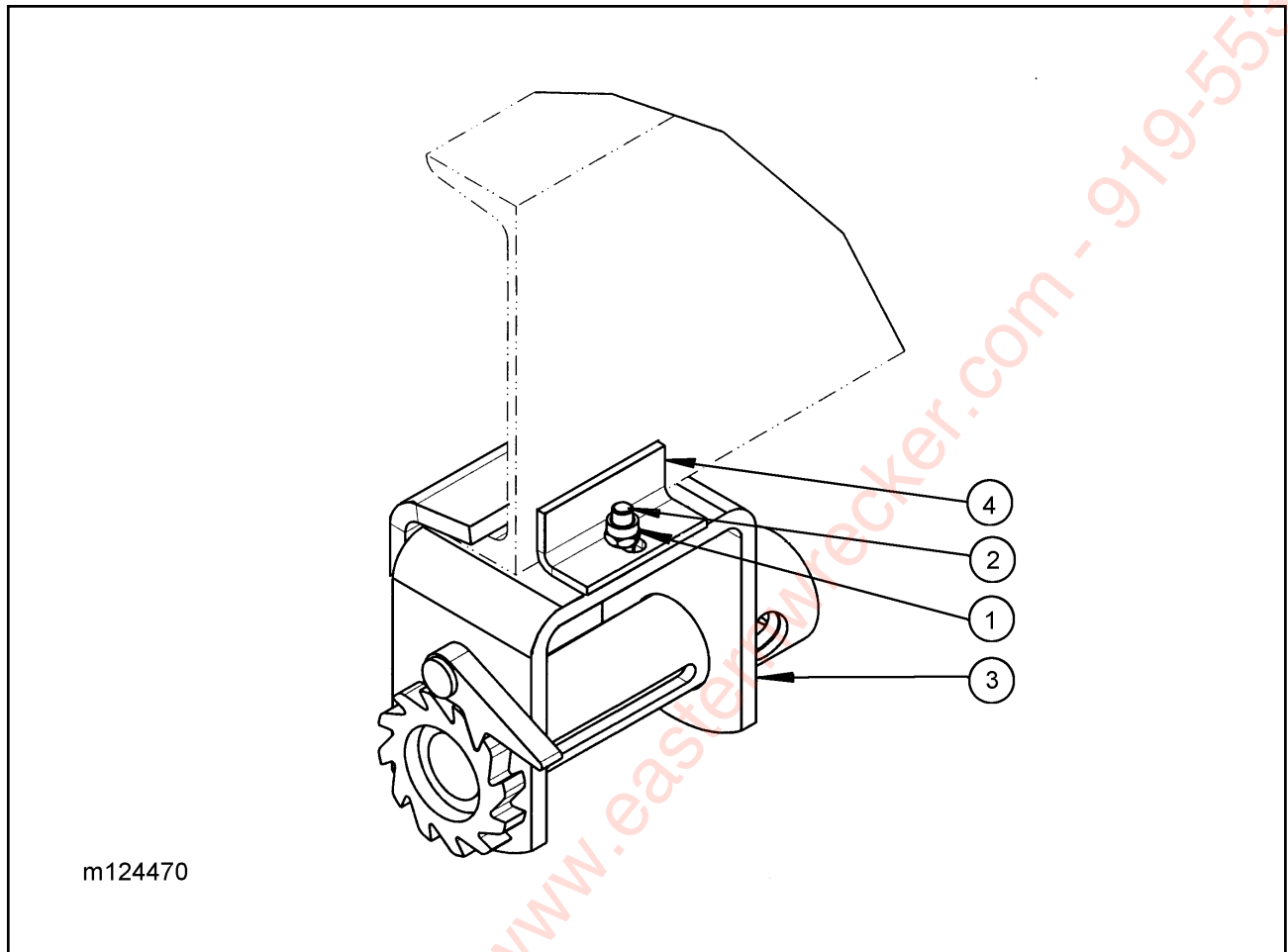


Figure 1-37 Webbing Slide Winch Assembly (Option)

WEBBING SLIDE WINCH ASSEMBLY (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	124470	WINCH ASSEMBLY, 4" WEBBING SLIDING	
1	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	1
2	1-654-010051-06	SCREW, HEX HEAD CAP 3/8-16 X 1-1/4 GR5	1
3	124472	WINCH WEBBING SLIDE MOD.	1
4	124474	ANCHOR WEBBING WINCH	1

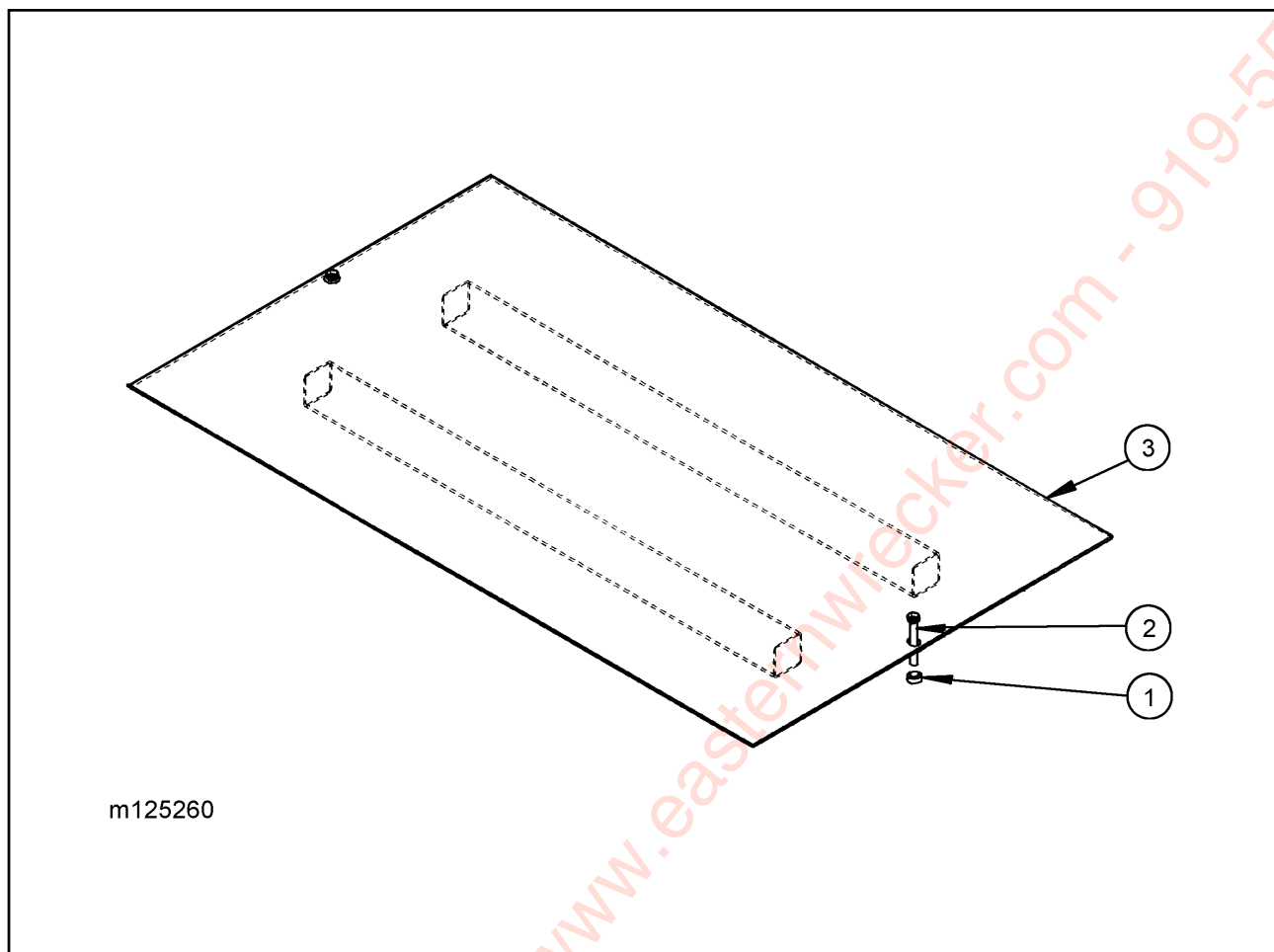


Figure 1-38 Upper Deck Cover Installation (Option)

UPPER DECK COVER INSTALLATION (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	125260	UPPER DECK COVER INSTALLATION	
1	1-510-010001	NUT, FLANGE HEAD SERR. 3/8-16	2
2	1-654-010051-07	SCREW, HEX HEAD CAP 3/8-16 X 1-1/2 GR5	2
3	125261	COVER WELDMENT, UPPER DECK	1

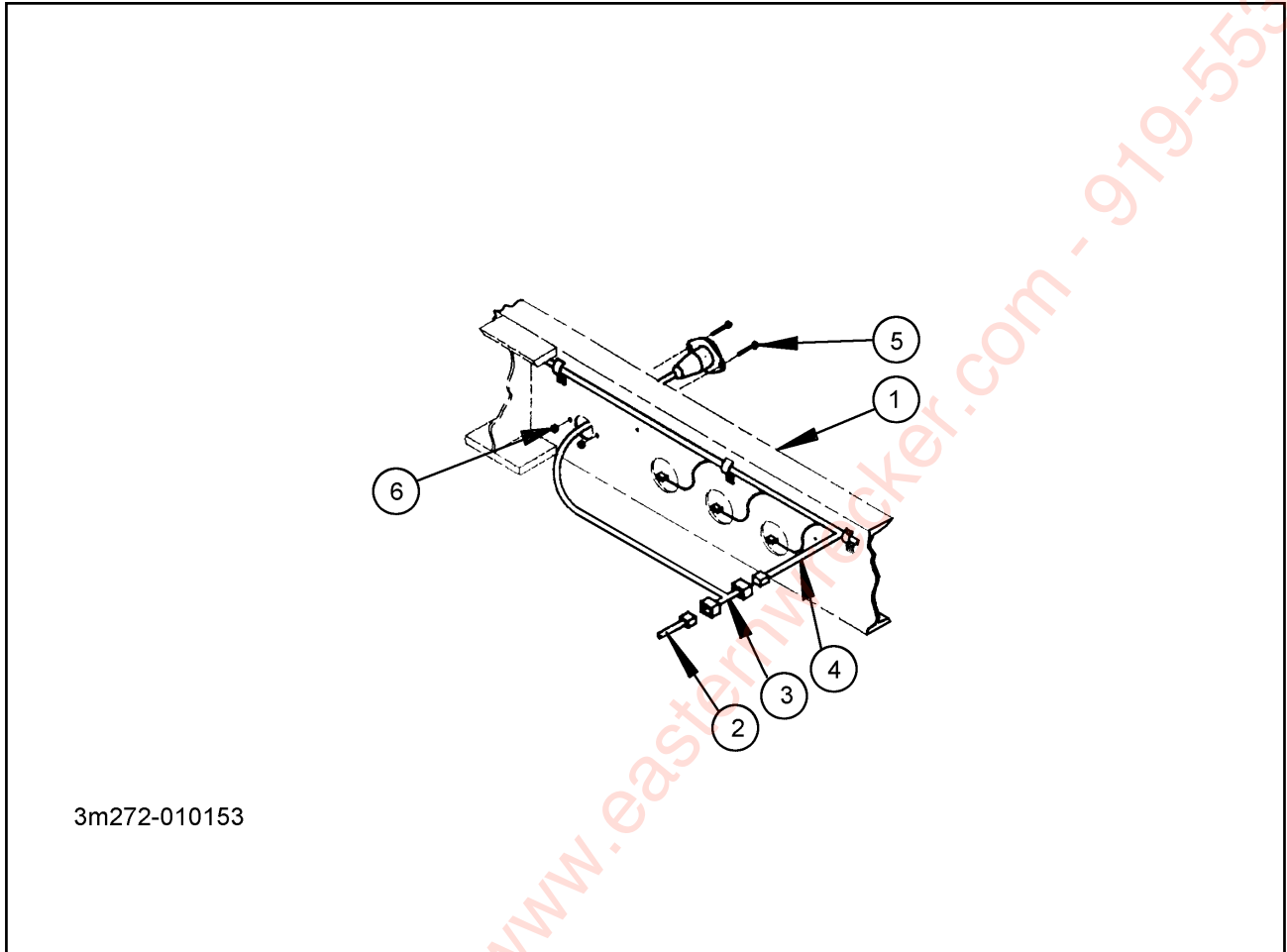


Figure 1-39 7 Way Recp. Bumper Electrical Installation (Option)

7 WAY RECP. BUMPER ELECTRICAL INSTL. (OPTION)

ITEM	PART NO.	DESCRIPTION	QTY.
	3-272-010153	ELECTRICAL INSTALLATION, 7-WAY RECP BUMPER	
1	----	CHANNEL, TAILBOARD	REF
2	3-368-010057	HARNESS, FRONT MAIN DECK	REF
3	3-368-010257	HARNESS, MOD. EXT. 7 WAY RECP	1
4	3-368-010060	WIRE, HARNESS, REAR	REF
5	1-654-010049-06	SCREW, HEX HEAD CAP 5/16-18 X 1-1/4 GR5	2
6	1-512-010005-03	NUT, HEX LOCK 5/16-18	2

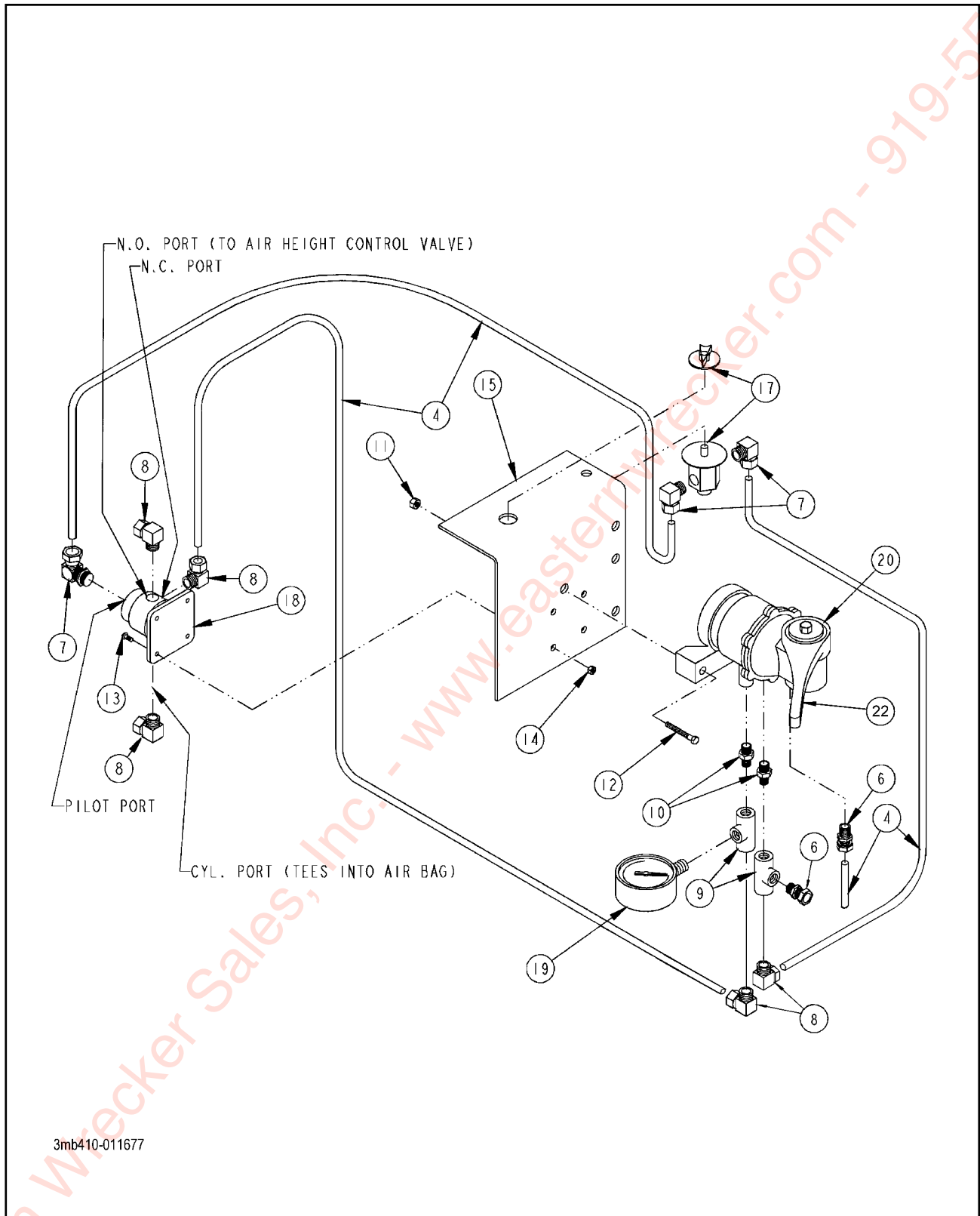


Figure 1-40 Manual Air Height Control Assembly (Option)

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

NUMERICAL INDEX

2

PART	PAGE	PART	PAGE	PART	PAGE
005-074-00	21	100401	35	105479	07
005-075-00	21	100402	35	105479	09
005-096-00	21	1004-3	57	105480	07
005-097-00	21	100600	53	105480	09
005-098-00	21	1-007-010006	09	105481	07
005-099-00	21	1-007-010025	07	105481	09
005-134-00	21	10078	56	105482	07
006-114-00	21	101003	31	105482	09
006-115-00	21	101845	33	105483	07
010-052-00	21	101846	33	10562-00	17
014-056-00	21	101848	27	105822	07
014-057-00	21	101848	29	105822	39
014-058-00	21	101848	31	106759	09
014-065-00	21	101848	33	106760	09
014-068-00	20	101851	33	107-0975	47
021-038-01(4009)	35	101853	33	107498	09
024-100-00	21	101854	33	107499	09
034-057-07	21	101855	33	107500	09
034-058-01	21	1019-4	57	107513	09
034-058-07	21	10205R	15	107520	09
034-188-05	21	10205Y	15	108541	35
034-189-05	21	1021	57	108628	41
034-192-08	21	102361	03	108737	58
034-193-08	21	102361	23	108801	27
040-180-00	21	102363	03	108801	29
040-320-01	21	102363	23	108801	31
041-057-01	21	102732	19	108802	27
041-058-01	21	102732	27	108802	29
041-059-01	21	103783	35	108802	31
041-060-01	21	103861	33	108962	58
046-092-00	21	10403	15	109160	41
046-096-00	21	10404	15	109161	43
046-097-00	21	104143	15	109173	58
056-010-00	21	104150	15	109174	58
056-017-00	20	104238	41	109533	23
056-018-00	21	104243	41	109709	41
061-006-00	21	104252	58	109709	43
069-018-00	21	104253	58	109710	41
069-020-00	21	1046	57	109711	43
069-078-00	21	105-0093	03	109712	43
071-122-00	21	105390	67	1-1/4ST ELL	09
071-124-00(3067)	35	105408	23	11011	55
097-002-00	21	105408	25	110975(2023—T)	35

PART	PAGE	PART	PAGE	PART	PAGE
110976(66884)	35	114584	33	117494	39
111006	23	114586	27	117495	39
111007	23	114586	33	117496	61
111008	23	114588	27	117497	61
111008	23	114588	29	117647	17
111008	25	114588	31	117649	03
111010	23	114588	33	117649	17
111010	23	114590	27	117650	03
111010	25	114590	29	117650	17
111011	23	114590	31	11767	55
111012	23	114590	33	117794	39
111013	23	114619	35	117795	39
111014	23	114807	47	117860	47
111015	23	114808	47	11799	55
111018	23	114814	47	118169	41
111019	23	114815	47	118246	41
111020	23	114834	07	118-2659-9	27
111022	23	115704	17	118-2659-9	29
111022	25	115704	20	118-2659-9	31
111023	23	115709	17	11837	56
11117	55	115709	20	12075	56
11128	55	115715	20	12-16 070120	09
11129	55	115747	03	122286	07
11130	56	115761	03	122345	03
11133	55	115761	17	122345	25
11142	55	115762	03	122346	03
11144	55	115762	17	122346	25
1114-5	57	115843	47	122348	25
1-116-010019	03	115877	47	122349	25
112047	35	116616	44	122351	03
112324	67	116616	45	124469	39
112325	67	116623	47	124470	63
112326	67	116624	47	124472	63
11240	56	116628	47	124474	63
112493(2027—T8 0)	35	116729	39	125130	09
112678	41	116730	39	125254	05
112679	41	116746	39	125255	05
11308	55	116747	39	125260	64
113274	07	116753	44	125261	64
113274	39	116754	44	126283	27
113536	35	116755	45	126284	29
11368	55	116756	45	126285	31
114584	27	116757	41	127777	21
114584	29	117001	41	127778	21
114584	31	117003	41	127779	21
		117004	41	12780	55

PART	PAGE	PART	PAGE	PART	PAGE
12817	56	1-297-010031-02	52	1-512-010005-03	67
128550	21	1-297-010032-03	52	1-512-010005-05	09
1-295-010001	09	1-297-010033-02	49	1-512-010005-05	27
1-295-010002	09	13005	55	1-512-010005-05	29
1296	57	13028	56	1-512-010005-05	31
1-297-010007-04	52	13424	56	1-512-010005-05	41
1-297-010007-05	49	1-343-010007	62	1-512-010005-05	52
1-297-010007-05	52	13468	56	1-512-010005-05	63
1-297-010007-05	67	13680	55	1-512-010005-09	05
1-297-010007-11	62	13839	56	1-512-010005-09	09
1-297-010008-01	49	1-384-010038024	31	1-512-010005-09	53
1-297-010008-05	53	1-384-010038054	27	1-512-010005-09	59
1-297-010008-05	67	1-384-010038054	29	1-512-010005-13	41
1-297-010008-07	27	1-384-010038072	31	1-512-010005-13	52
1-297-010008-07	49	1-384-010038076	27	1-512-010007-03	15
1-297-010008-07	52	1-384-010038076	29	1-512-010007-05	53
1-297-010008-07	67	1-384-010038076	31	1-512-010007-09	23
1-297-010008-18	27	1-384-010038084	31	1-512-010007-09	25
1-297-010008-18	29	1-397-010301100	09	1-512-010007-09	61
1-297-010008-18	31	1-397-010301170	52	1-512-010007-12	53
1-297-010008-23	27	1-397-010302172	52	1-557-010014	05
1-297-010008-23	29	1-397-010305156	07	1-557-010362-63	05
1-297-010008-23	31	1-397-010305164	07	1-557-010362-63	05
1-297-010009-02	67	15009	15	1-560-010002-01	52
1-297-010010-01	27	1-510-010001	07	1-560-010002-02	62
1-297-010010-01	67	1-510-010001	36	1-560-010002-03	27
1-297-010010-04	27	1-510-010001	64	1-560-010002-03	29
1-297-010010-04	60	1-510-010003-09	47	1-560-010002-03	31
1-297-010012-16	27	1-512-010003-02	49	1-560-010002-04	09
1-297-010012-16	29	1-512-010003-02	53	1-560-010002-04	27
1-297-010012-16	31	1-512-010003-06	67	1-560-010002-04	29
1-297-010013-11	27	1-512-010004-03	53	1-560-010002-04	31
1-297-010013-16	27	1-512-010005-01	07	1-560-010002-05	09
1-297-010013-16	29	1-512-010005-01	15	1-560-010002-05	27
1-297-010013-16	31	1-512-010005-01	27	1-560-010002-05	29
1-297-010015-07	27	1-512-010005-01	29	1-560-010002-05	31
1-297-010015-07	29	1-512-010005-01	31	1-560-010002-07	09
1-297-010015-07	31	1-512-010005-01	49	1-573-010476	39
1-297-010015-11	31	1-512-010005-01	60	1-573-010477	39
1-297-010018-04	62	1-512-010005-03	15	1-573-010480	39
1-297-010019-05	49	1-512-010005-03	41	1-573-010481	39
1-297-010019-05	53	1-512-010005-03	45	16086-01	17
1-297-010020-02	53	1-512-010005-03	49	16398-04	17
1-297-010020-02	67	1-512-010005-03	60	16398-08	17
1-297-010022-02	53	1-512-010005-03	65	1644	57
1-297-010022-02	62	1-512-010005-03	67	1-647-010004177	58

PART	PAGE	PART	PAGE	PART	PAGE
1-647-010004255	44	1-654-010055-16	52	1-833-010003	29
1-647-010004255	45	1-654-010055-18	59	1-833-010003	31
1-647-010004255	52	1-654-010059-03	41	1-833-01001	52
1-647-010004259	44	1-654-010059-04	41	1-843-010014	35
1-654-010024014	49	1-654-010059-05	41	1-861-010032-01	49
1-654-010024014	53	1-654-010059-15	52	1-861-010032-01	53
1-654-010036-05	52	1-654-010070-09	61	1-861-010032-06	49
1-654-010047-06	15	1-654-010141-04	52	1-861-010032-06	53
1-654-010047-06	27	1-654-010158-1	07	1-861-010032-06	60
1-654-010047-06	29	1655	57	1-861-010032-07	15
1-654-010047-06	31	1-656-010003051	15	1-861-010032-07	47
1-654-010047-06	60	1-656-010003051	67	1-861-010032-09	15
1-654-010049-03	35	1-656-010003053	53	1-861-010032-09	41
1-654-010049-05	60	1-765-010065	52	1-861-010032-09	60
1-654-010049-05	67	1-796-010001	15	1-861-010032-09	67
1-654-010049-06	15	179933	35	1-861-010032-10	52
1-654-010049-06	49	18002	56	1-861-010032-11	05
1-654-010049-06	65	18003	55	1-861-010032-11	07
1-654-010049-06	67	18009	55	1-861-010032-11	27
1-654-010049-15	45	18015	55	1-861-010032-11	29
1-654-010051-06	05	18016	55	1-861-010032-11	31
1-654-010051-06	07	18019	55	1-861-010032-11	36
1-654-010051-06	09	18020	55	1-861-010032-11	41
1-654-010051-06	52	18024	55	1-861-010032-15	05
1-654-010051-06	63	18026	55	1-861-010032-15	47
1-654-010051-07	07	18027	55	1-861-010032-15	52
1-654-010051-07	36	18028	56	1-861-010032-15	59
1-654-010051-07	41	18029	56	1-861-010032-15	61
1-654-010051-07	64	18030	55	1-861-010032-18	52
1-654-010051-08	27	18032	55	1-861-010032-19	41
1-654-010051-08	29	18039	55	1-861-010034-07	15
1-654-010051-08	31	18044	56	1-861-010034-07	53
1-654-010051-09	07	18047	55	1-861-010034-09	47
1-654-010051-09	41	18056	56	1-861-010034-09	53
1-654-010055-01	47	18078	55	1-861-010034-10	35
1-654-010055-01	53	18078	55	1-861-010034-11	05
1-654-010055-01	59	1-816-010034-13	25	1-861-010034-11	07
1-654-010055-03	05	1-833-010001	27	1-861-010034-13	09
1-654-010055-03	09	1-833-010001	49	1-861-010034-13	23
1-654-010055-03	47	1-833-010001	60	1-861-010034-13	52
1-654-010055-03	53	1-833-010001	67	1-861-010034-13	61
1-654-010055-04	09	1-833-010002	27	1-861-010059-21	07
1-654-010055-04	52	1-833-010002	29	1865	57
1-654-010055-09	59	1-833-010002	31	19045	55
1-654-010055-13	05	1-833-010002	62	1A0290	11
1-654-010055-15	59	1-833-010003	27	1A0291	11

PART	PAGE	PART	PAGE	PART	PAGE
1A0292	11	24032	55	3-272-010153	65
1A0294	11	2480	57	3-348-010048	53
1A0709	11	2A0079-404	11	3-368-010057	15
1A0711	11	2A0079-406	11	3-368-010057	65
1A0744	11	2A0283-7214	11	3-368-010060	15
1A0757	11	2A0354-121	11	3-368-010060	65
1R0017	11	2A283-7214	11	3-368-010120	15
1V0081	11	2V0010	11	3-368-010129	49
1V0208	11	3-007-010039	49	3-368-010129	52
1V1701	11	301-01	17	3-368-010187	52
1V1703	11	3-014-010255	53	3-368-010188	49
1V1725	11	3-054-010101	05	3-368-010188	53
2024-12-12S	09	3-054-010482	61	3-368-010189	49
2024-12-8S	09	3-054-010483-01	61	3-368-010257	65
202702-10-8S	52	3-120-010426	60	3-384-010020	27
2047-12-12S	09	3-120-010445	52	3-384-010020	29
2061-8-8S	07	3-120-010461	09	3-399-010001	09
206210-8S	53	312-2917-130	13	34-04	17
2062-12-12S	07	312-3220-327	13	3-410-011335	60
2062-16-8S	09	3-125-010464	52	3-446-010046	15
2083-8-4S	27	3-125-010465	52	346SL	41
2083-8-4S	62	312-5037-201	13	3-481-010006	52
2083-8-8S	27	3-128-010025	62	3-481-010006	57
2083-8-8S	29	312-8217-327	13	3-482-010288	49
2083-8-8S	31	3-136-010001-01	53	3-482-010503	09
2109-3	57	3-136-010001-02	49	3-482-010563	07
2175	57	3-141-010008	05	3-485-010001	36
2177	57	3-141-010120	59	3-485-010010	36
2180	57	3-141-010121-2	05	35-00	17
2183	57	3-141-010121-3	05	3-522-010017	53
21925	55	3-141-010123-4	05	3-557-010380	05
21961	55	3-141-010147	05	3-557-010474	52
2263	57	3-141-010152	05	3-557-010541	44
22703	56	3-141-010155	05	3-557-010542	44
22704	56	3-146-010072	60	3-557-010542	45
22752	55	3-150-010196	52	3-557-010547	45
22775	55	3-155-010017-4	52	3-561-010001	09
23078	56	3-155-010018-6	52	3-565-010047	25
23079	56	3-161-010034	49	3-565-011688	53
23081	56	3-162-010001	09	3-573-010040	39
23083	56	3-174-010038	52	3-573-010041	39
23085	56	3-174-010039036	52	3-573-010042	39
23303	55	3-208-010053-01	49	3-573-010043	39
23353	56	3-220-010030	45	3-573-010044	39
23470	55	3-238-010001	49	3-573-010045	39
239-9076-3	53	3-272-010125	49	3-573-010046	39

PART	PAGE	PART	PAGE	PART	PAGE
3-573-010047	39	3-843-010022	52	6828	09
3-573-010048	39	3-843-010024	49	68CA-2-2	49
3-573-010049	39	3-843-010025	49	7052-02	17
3-573-010085	39	3-846-010159	07	706-01	17
3-573-010210	39	3-846-010159	11	715-00	17
3-573-010349	39	3-870-010097	35	719-02	17
3-573-010350	39	3-873-010122	52	750-029	15
3-573-010377	39	3-873-010122	55	750-029	49
3-573-010378012	05	3-873-010124	53	750-029	53
3-591-010001	09	3-873-010144	52	756-00	17
3-591-010001	13	3-873-010145	52	758-181	27
3-612-010015-1	59	391-0381-068	13	758-181	29
3-612-010015-2	59	391-1401-025	13	758-181	31
3-612-010016	59	391-1802-119	13	759-00	17
3-619-010258	44	391-2082-032	13	7816-10	17
3-619-010258	45	391-2185-013	13	7HCGHT500	52
3-619-010262	44	391-2585-006	13	805-2	27
3-619-010262	45	391-2882-086	13	805-2	29
3-626-010004	52	391-2883-058	13	805-2	31
3-642-010150	52	391-2884-050	13	81006	55
3-654-010129-1	44	391-3681-001	13	81009	55
3-654-010129-1	45	391-3784-028	13	81025	55
3-659-010012	35	40002R	15	81530	55
37-03	17	481 00 224	19	900 23 002	25
3-711-010025	05	48100200	49	900 45 040	23
3-711-010055	49	48100200	53	900 54 007	19
3-720-010010	52	4Z4306	11	900-08-139	23
3-720-010035	53	55B61	27	90008184	23
3-720-010042	52	55B61	29	900-25-288	25
3-720-010084	44	55B61	31	900-44-162	25
3-720-010084	45	55B61-6	27	900-44-206	67
3-725-010058	41	55B61-6	29	900-54-007	27
3-755-010080	05	55B61-6	31	900-54-079	67
3-762-010017	36	55B61-7	27	900-54-082	67
3-762-010612	60	55B61-7	29	900-54-088	67
3-762-010667-02	17	55B61-7	31	900-54-211	67
3-765-010001	49	56D4	27	900-54-280	67
3-780-010002	27	56D4	29	905 54 107	19
3-780-010002	29	56D4	31	905-54-107	27
3-780-010002	31	59S-7	15	905-54-107	49
3-786-010043	09	59W-2-3	15	905-54-107	53
3-829-010337	59	59W-2-3	49	905-54-107	62
3-831-010151	52	60215Y	15	930 02 349	19
3-831-010172	52	60700	15	932 01 051	25
3-843-010015	49	63680	35	93201057	23
3-843-010022	49	6-557-010163	05	934 00 060	19

PART	PAGE	PART	PAGE
934 00 149	23	C10233	43
934 00 149	25	C10234	43
934 00 492	25	C10256	43
934-00-492	23	C10259	43
934-00-506	25	C3069X12	09
936 00 077	23	D10116.2	43
936 00 077	25	D10201.2	43
941 00 119	19	D2H12	20
941 00 466	19	D-2H16	20
94100590	23	F-359-____	03
94100648	23	HM212011	35
94100685	23	HM212049	35
94100787	23	HM218210	35
94100790	23	HM218248	35
A10033	43	HUT16	17
A10037.1	43	K71-101-00	21
A10037.3	43	K71-133-00	21
A10038.6	43	K71-135-00	21
A10038.7	43	K71-136-00	20
A10040	43	K71-138-00	21
A10052.3	43	K71-460-00	20
A10054.3	43	M110C-1	57
A10054.6	43	NB-2-016	49
A10054.7	43	PA-2328-2	57
A10059.1	43	PTO	09
A10101	43	RPRB59004X3H	47
A10102	43	RTR7999X4ZP	53
A10212	43	RWD 34999	44
A10218	43	RWD 34999	45
A10230	43	TR573	35
A10255	43		
A10260.1	43		
A6760S	62		
B10036	43		
B10066	43		
B10130	43		
B10229.S	43		
B10236	43		
B7-141-003	05		
C10078	43		
C10085	43		
C10140.2	43		
C10155	43		
C10177	43		
C10209	43		
C10217	43		

