



343A Semitrailer Parts Manual



LANDOLL CORPORATION

1900 North Street
Marysville, Kansas 66508
(785) 562-5381

800-428-5655 ~ **WWW.LANDOLL.COM**

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Illustrated Parts List

Instructions For Ordering Parts

ORDER PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

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

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

FAX NO: 888-527-3909

ORDER ONLINE: Dealer.landoll.com

IDENTIFICATION PLATE

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

SERIAL NUMBER NOMENCLATURE

The serial number for the Mode 343A Series Semitrailer is located on the identification plate.

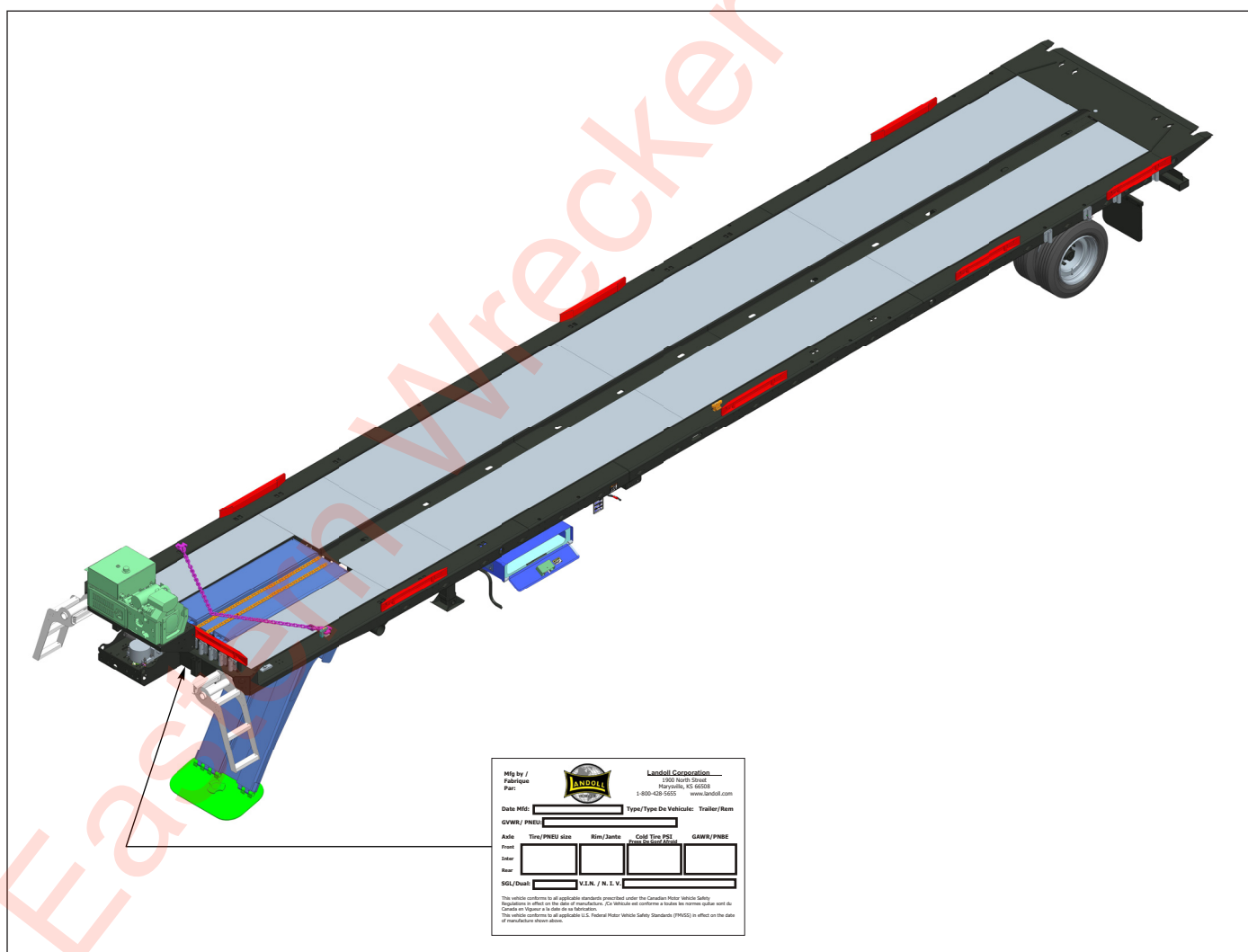


Figure 1-1: Identification Plate and Location

NOTES:

Eastern Wrecker Sales Inc

Decals

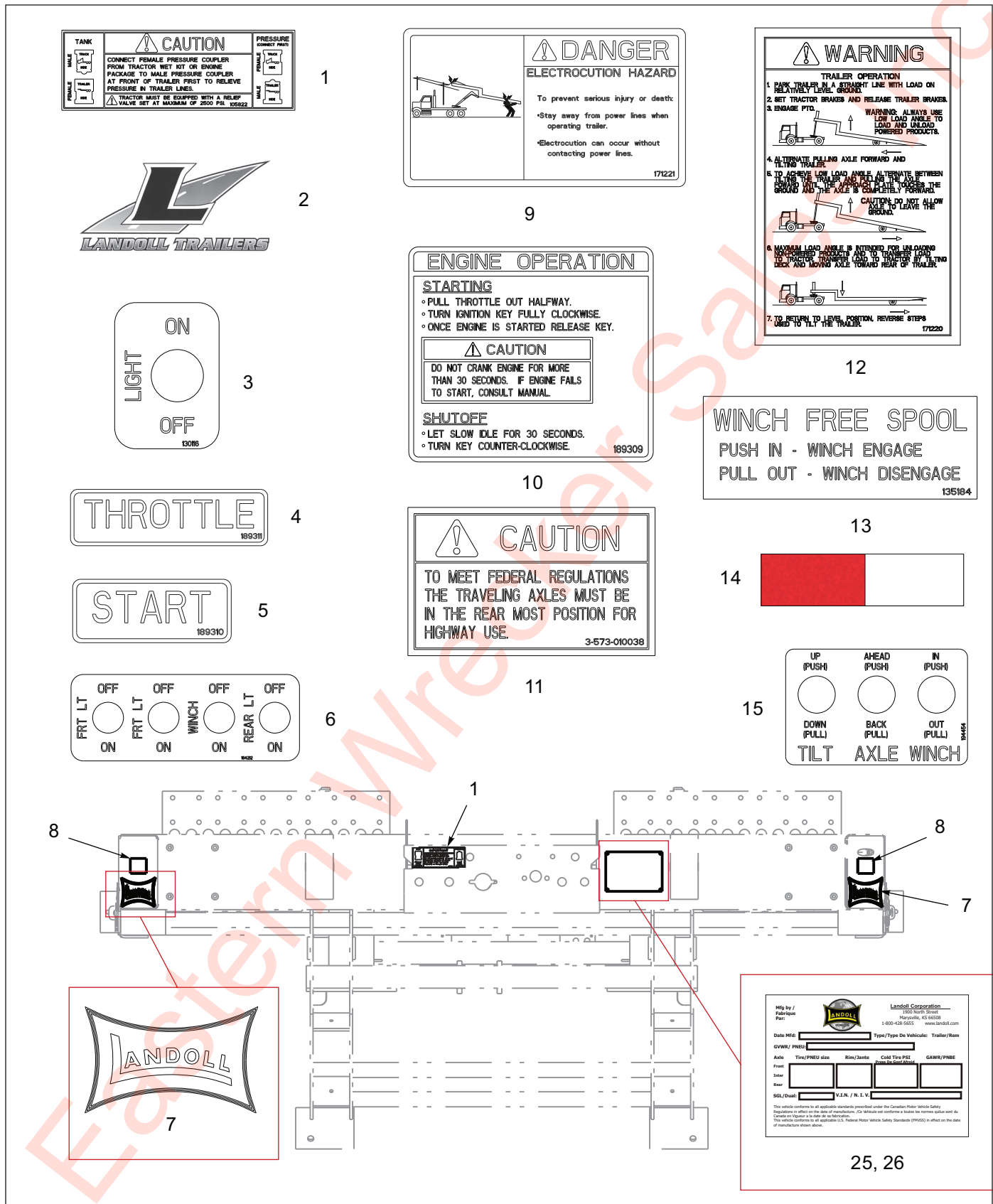


Figure 1-2: Decal Placement (1 of 2)



Decal Placement

ITEM	PART NO.	DESCRIPTION	QTY.
	196222	DECAL INSTL 343A (REF. ONLY)	
1	105822	DECAL HYD COUPLER	1
2	196165	DECAL HIGHWAY L	2
3	130116	DECAL, ON/OFF LIGHT	REF
4	189311	DECAL, THROTTLE, ENG PKG	REF
5	189310	DECAL, START, ENG PKG	REF
6	184212	DECAL, SWITCH SERIES 300	REF
7	196172	DECAL, BOWTIE SMALL	2
8	202578	REFLEXITE WHITE 3 IN. LENGTH	2
9	171221	DECAL, DANGER ELECTROCUTION	1
10	189309	DECAL, EFI ENG PKG INSTR	REF
11	3-573-010038	DECAL CAUTION	1
12	171220	DECAL, OPERATION 1- AXLE TB	1
13	135184	DECAL, WINCH FREE SPOOL	REF
14	3-573-010377	DECAL, 2 IN. REFLECTIVE TAPE RED/WHITE	1200 IN.
15	194454	DECAL, OPERATION VALVE	1
16	196180	DECAL, NEXT GENERATION SMALL	2
17	196173	DECAL, POWDERCOAT SMALL	1
18	3-573-010134	DECAL, CONCENTRATED LOAD 10,000	2
19	132120	DECAL, 20 FT. FRONT	4
20	196168	DECAL, ARROW SMALL 2LH	2
21	196169	DECAL, ARROW SMALL 2RH	2
22	196167	DECAL, LANDOLL SMALL	2
23	132121	DECAL, 20 FT. REAR	2
24	132122	DECAL 40 FT. FRONT	2
25	155780	INFORMATION FOR TRL VIN	1
26	156010	RIVET, BLIND .156 X 1/2 GRIP (NOT SHOWN)	4
27	187895	DECAL, 25 FT. FRONT	2
28	189292	DECAL, ABS, WHITE	1
29	101855	WARNING LAMP LABEL, ABS	1
30	196170	DECAL LETTER A SMALL	2
31	196225	DECAL 343	2
32	900-44-207	DECAL, RAISE AND LOWER	REF
33	3-573-010210	DECAL, TORQUE SPEC 8-10 STUD HUB	2

Hydraulic Electric Air

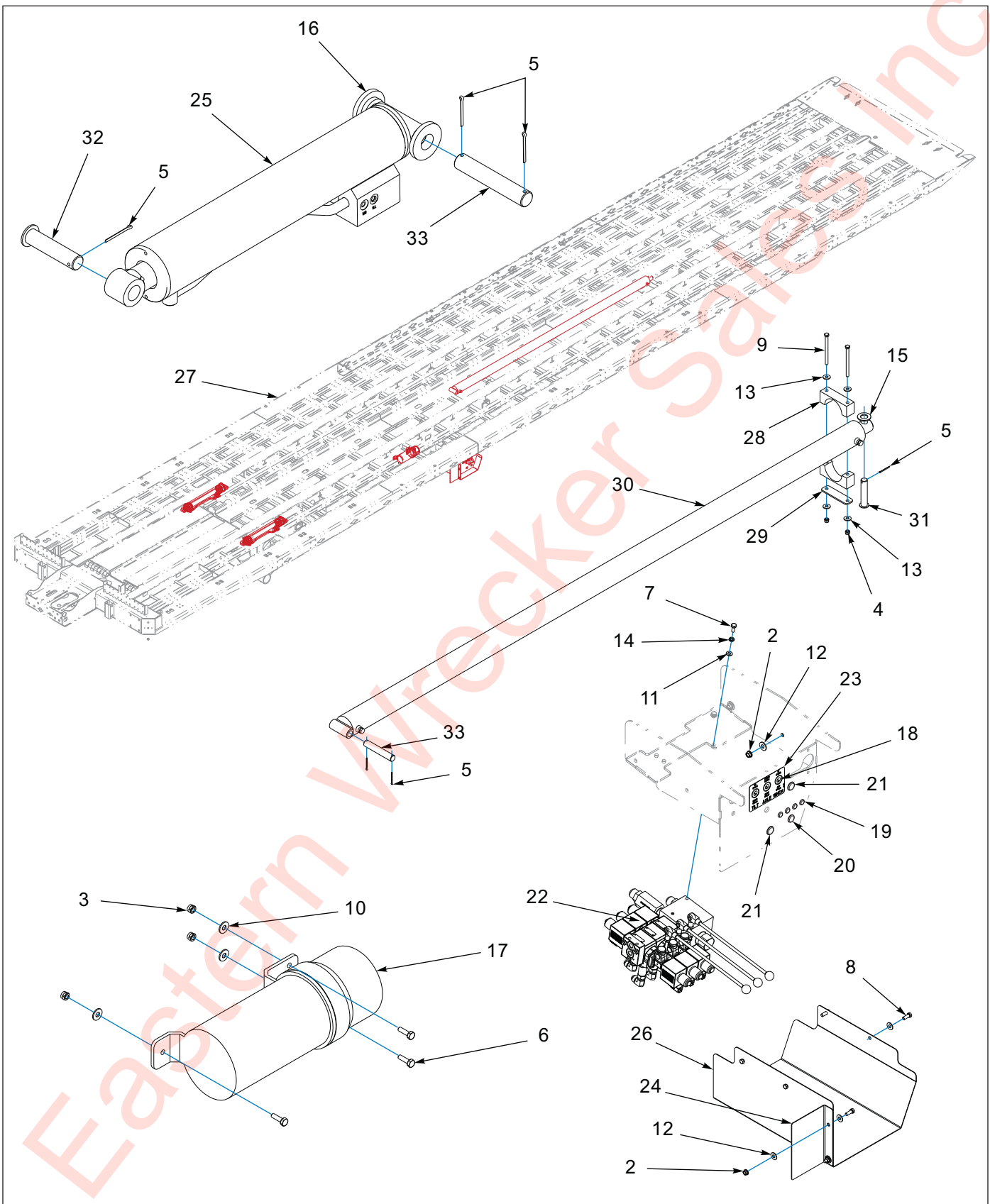


Figure 1-4: General Assembly

General Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	196579	HYD ELECT AIR 343A (REF. ONLY)	
1	1-394-010002	HOSE ABRASION, SLEEVE 2-7/8 (NOT SHOWN)	24 IN.
2	1-510-010001	NUT, FLG HD, SERR, 3/8-16 UNC	6
3	1-512-010005-01	NUT, HEX, SLFLKG, 1/4-20 UNC, GRB	3
4	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 UNC, GRB	2
5	1-557-010362-54	PIN, COTTER 3/16 X 2-1/4	9
6	1-654-010047-05	SCREW, HEX, 1/4-20UNCX7/8 GR5	3
7	1-654-010049-03	SCREW, HEX, 5/16-18UNCX3/4 GR5	4
8	1-654-010051-05	SCREW, HEX, 3/8-16UNCX1 GR5	6
9	1-654-010055-18	SCREW, HEX, 1/2-13UNCX6-1/2 GR5	2
10	1-861-010032-07	WASHER, FLAT, ZP/CD, 1/4W	3
11	1-861-010032-08	WASHER, FLAT, ZP/CD, 5/16N	4
12	1-861-010032-11	WASHER, FLAT, ZP/CD, 3/8W	12
13	1-861-010032-15	WASHER, FLAT, ZP/CD, 1/2W	4
14	1-861-010034-10	WASHER, LKG, HLCL SPR, 5/16	4
15	116100	WASHER, FLAT, ZP/CD, 1-1/4N	1
16	130113	BUSHING, TILT CYL 340	4
17	150076	MANUAL HOLDER 14-1/4 ID	1
18	178444	BUSHING, NYLATRON INSERT	3
19	189278	PLUG, PLASTIC PANEL 1/2 - 9/16	4
20	189280	PLUG, PLASTIC PANEL 3/4	4
21	189281	PLUG, PLASTIC PANEL 13/16	2
22	194439	VALVE REXROTH ASSEMBLY 300A	1
23	194454	DECAL OPERATION VALVE	1
24	194455	BRACKET DECAL SUPPORT	1
25	196588	CYLINDER 4X20 W/CB	2
26	197441	SHIELD CONTROL VALVE 343	1
27	197447	FRAME WLDMT 343-102-43	REF
28	200408	NYLATRON SUPPORT CYL 4 IN.	2
29	200409	BOTTOM PLATE CYL 4 IN. SUPPORT	1
30	3-242-010185	CYLINDER 4 X 126 LOADOLL	1
31	3-557-010031	PIN, CYL., UNDERCARRIAGE	1
32	3-557-010032	PIN, CYL., UNDERCARRIAGE	2
33	3-557-010182	PIN 1-1/4 X 7-1/8 CYL END	3
34	216601	SEAL KIT, SERVICE	REF

The diagram illustrates a hydraulic system for a crane. Key components and their connections are as follows:

- Pump (11):** The main hydraulic power source, connected to the system via a red line (15).
- Valves (1, 21, 23):** Control valves located at the bottom of the system. Valve 1 is connected to the red line (15). Valves 21 and 23 are connected to the yellow line (4, 5, 6).
- Cylinders (20):** Two hydraulic cylinders are shown. Each has a **RET** (Retract) port and an **EXT** (Extend) port. They are connected to the blue line (3, 10, 14).
- Winch Gearbox (16):** The final destination for the green line (16), which is labeled "To Winch Gearbox".
- Other Components:** The diagram also shows a yellow line (4, 5, 6) running vertically, a blue line (3, 10, 14) connecting the cylinders, and a red line (15) connecting the pump. Various fittings and connectors are labeled with numbers 1 through 23.

A large watermark "Eastern Wrecker Sales Inc." is visible diagonally across the diagram.

F-1015-0320

Hydraulic Assembly

ITEM	PART NO.	DESCRIPTION	QTY.		
	196585	HYDR ELEC AIR 343A-46 W/RMT (REF. ONLY)	*		
	196583	HYDR ELEC AIR 343A-50 W/RMT (REF. ONLY)		*	
	196581	HYDR ELEC AIR 343A-43 W/RMT (REF. ONLY)			*
1	1-397-010301024	HOSE ASSEMBLY, 1/2X24 SAE37, STR - STR	2	2	2
2	1-397-010301074	HOSE ASSEMBLY, 1/2X74 SAE37, STR	1	--	--
3	1-397-010301090	HOSE ASSEMBLY, 1/2X90 SAE37, STR	4	4	4
4	1-397-010301130	HOSE ASSEMBLY, 1/2X130 SAE37, STR	--	--	1
5	1-397-010301157	HOSE ASSEMBLY, 1/2X157 SAE37, STR	1	1	--
6	1-397-010301208	HOSE ASSEMBLY, 1/2X208 SAE37, STR	1	--	--
7	1-861-010059-21	WASHER, 1-1/8 LKG, INTERNAL TOOTH	2	2	2
8	3-201-010002	CONDUIT, 3/8 PLASTIC FLEX (NOT SHOWN)	14	14	14
9	3-242-010185	CYLINDER 4 X 126 LOADOLL	1	1	1
10	2033-8-8S	ADAPER, TEE, #8 TUBE	2	2	2
11	105822	DECAL HYD COUPLER	1	1	1
12	123969	HYD HOSE ASSEMBLY, 1/2X21, SAE37 STR - STR	--	1	--
13	124130	HYD HOSE ASSEMBLY, 1/2X44, SAE37 STR - STR	--	--	1
14	124132	HYD HOSE ASSEMBLY, 1/2X49, SAE37 STR - STR	2	2	2
15	128470	HYD HOSE ASSEMBLY, 3/4X290, SAE37 STR	1	1	1
16	128472	HYD HOSE ASSEMBLY, 1/2X374, SAE37 STR	2	2	2
17	131265	HYD HOSE ASSEMBLY, 3/4X338 SAE37 STR	1	1	1
18	143163	CONNECTORS, FRONT SUB ASSEMBLY	REF	REF	REF
19	194439	VALVE REXROTH ASSEMBLY 300A	1	1	1
20	196588	CYLINDER, 4X20 W/CB	2	2	2
21	197450	VALVE, DUAL CB ASSEMBLY 343A	1	1	1
22	202702-8-8S	ADAPTER, #8 O-RING TO #8 TUBE	5	5	5
23	206209-8-8S	ADAPTER, 90, #8 O-RING TUBE	1	1	1
24	216601	COMPLETE SEAL KIT	REF	REF	REF

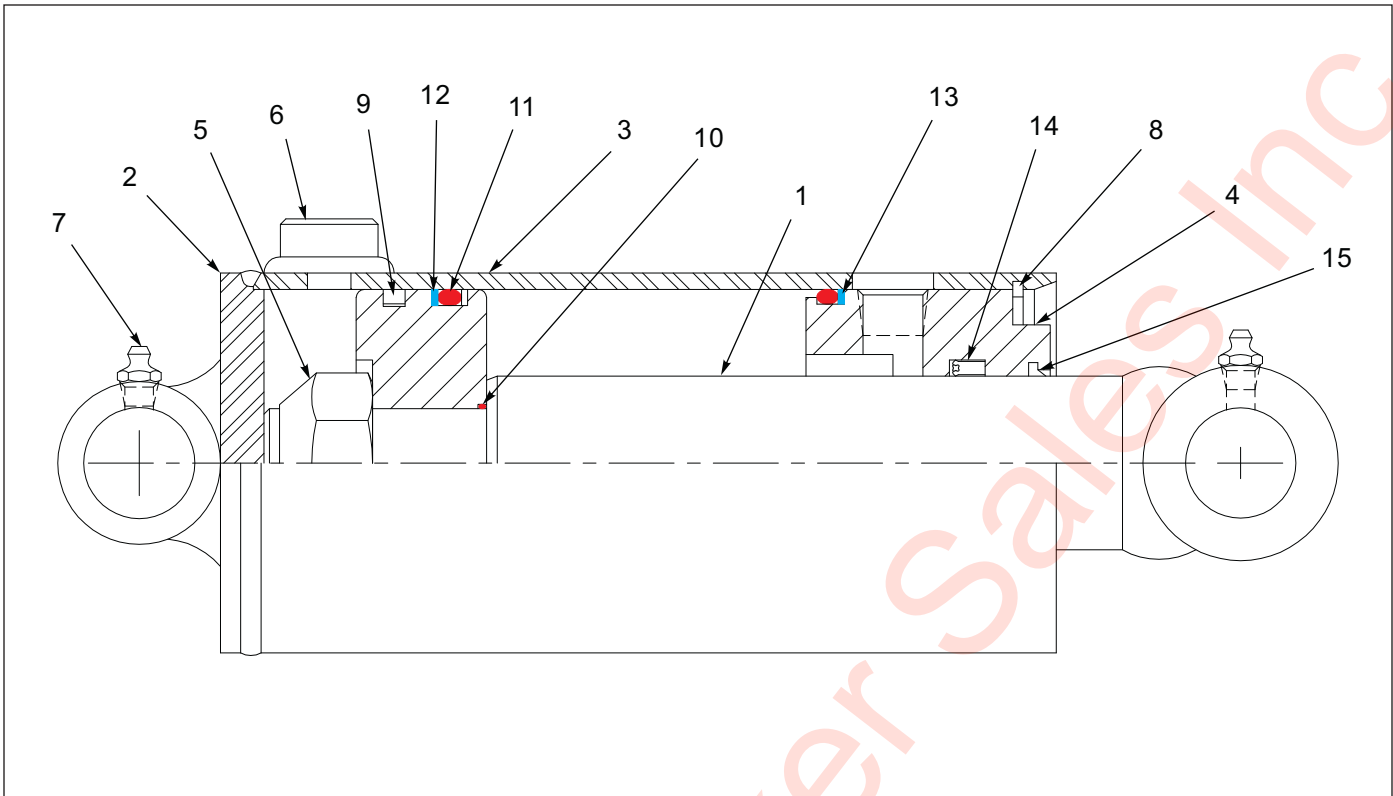


Figure 1-6: Hydraulic Cylinder - 4 x 20

Hydraulic Cylinder - 4 x 20

ITEM	PART NO.	DESCRIPTION	QTY.
	126972	CYLINDER, HYDRAULIC 4 X 20 WELDED	
1	166730	PISTON ROD ASSEMBLY	1
2	----	BUTT AND TUBE ASSEMBLY	1
3	----	PISTON	1
4	----	GLAND	1
5	----	LOCKNUT	1
6	----	PORT PLUG	2
7	----	GREASE ZERK	2
8	----	SNAP RING RETAINER	1
9	----	PISTON RING	1
10	----	O-RING	1
11	----	O-RING	2
12	----	BU-WASHER	2
13	----	BU-WASHER	1
14	----	U-CUP	1
15	----	WIPER	1
16	----	BU-WASHER (NOT SHOWN)	1
17	----	QUAD RING (NOT SHOWN)	1

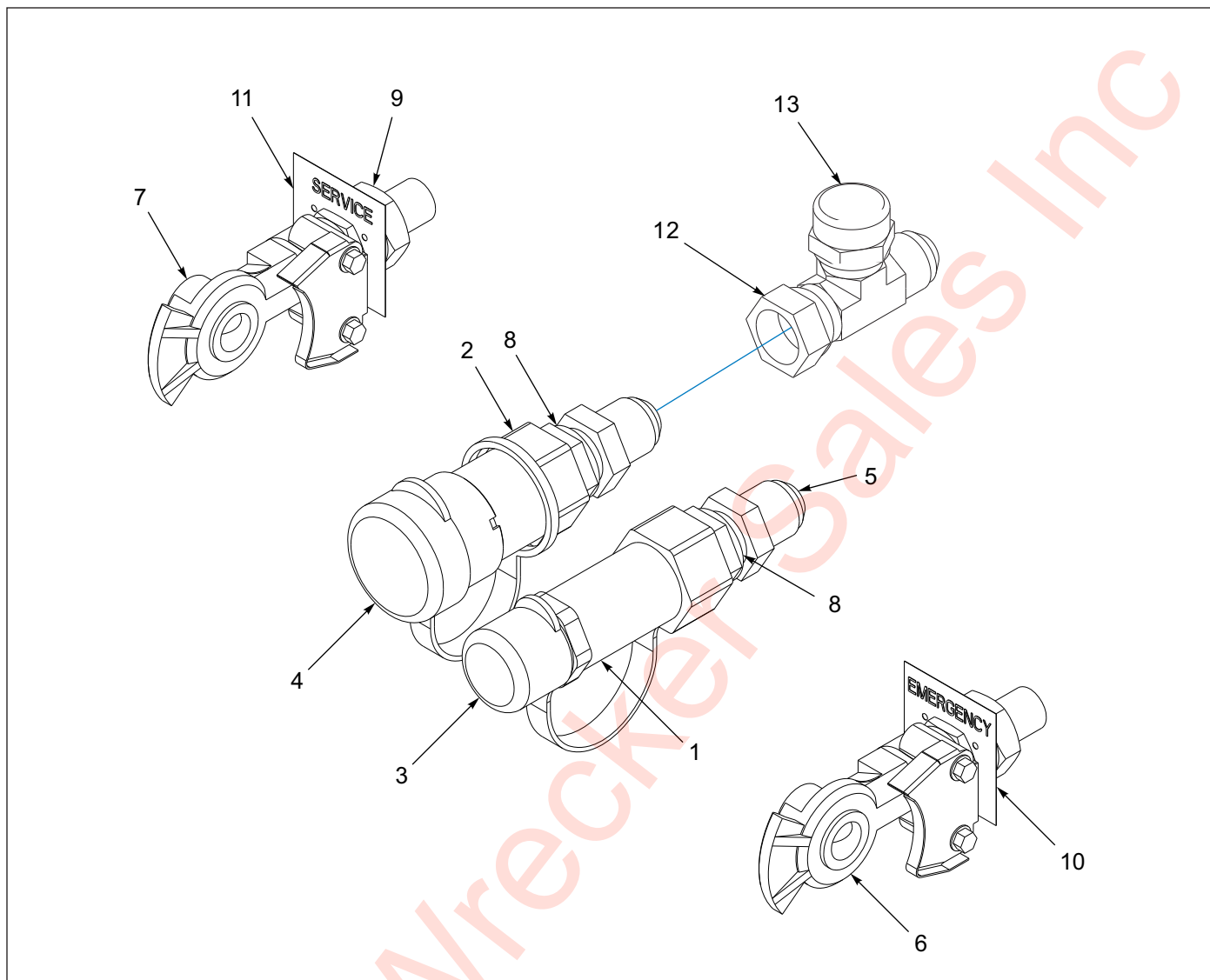


Figure 1-7: Connectors - Front Sub Assembly

Connectors - Front Sub Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	143163	CONNECTOR ASSEMBLY, FRONT SUB (REF. ONLY)	REF
1	105479	COUPLER, FLAT FACE MALE	1
2	105480	COUPLER, FLAT FACE FEMALE	1
3	105481	COUPLER, DUST CAP MALE	1
4	105482	COUPLER, DUST CAP FEMALE	1
5	105483	ADAPTER, BULKHEAD 12JIC-12ORING	2
6	108801	GLADHAND, RED AIR	1
7	108802	GLADHAND, BLUE AIR	1
8	169365	SPACER, HYDRAULIC COUPLER	2
9	55B61	FRAME UNION	2
10	55B61-6	TAG EMERGENCY LINE	1
11	55B61-7	TAG SERVICE LINE	1
12	203102-12-12S	ADAPTER, TEE, #12, SAE37 SWIVL (USED W/ WINCH OPTION)	REF
13	210292-12S	HYD FITTING, CAPNUT .75 (USED W/ WINCH OPTION)	REF

Valve Assemblies

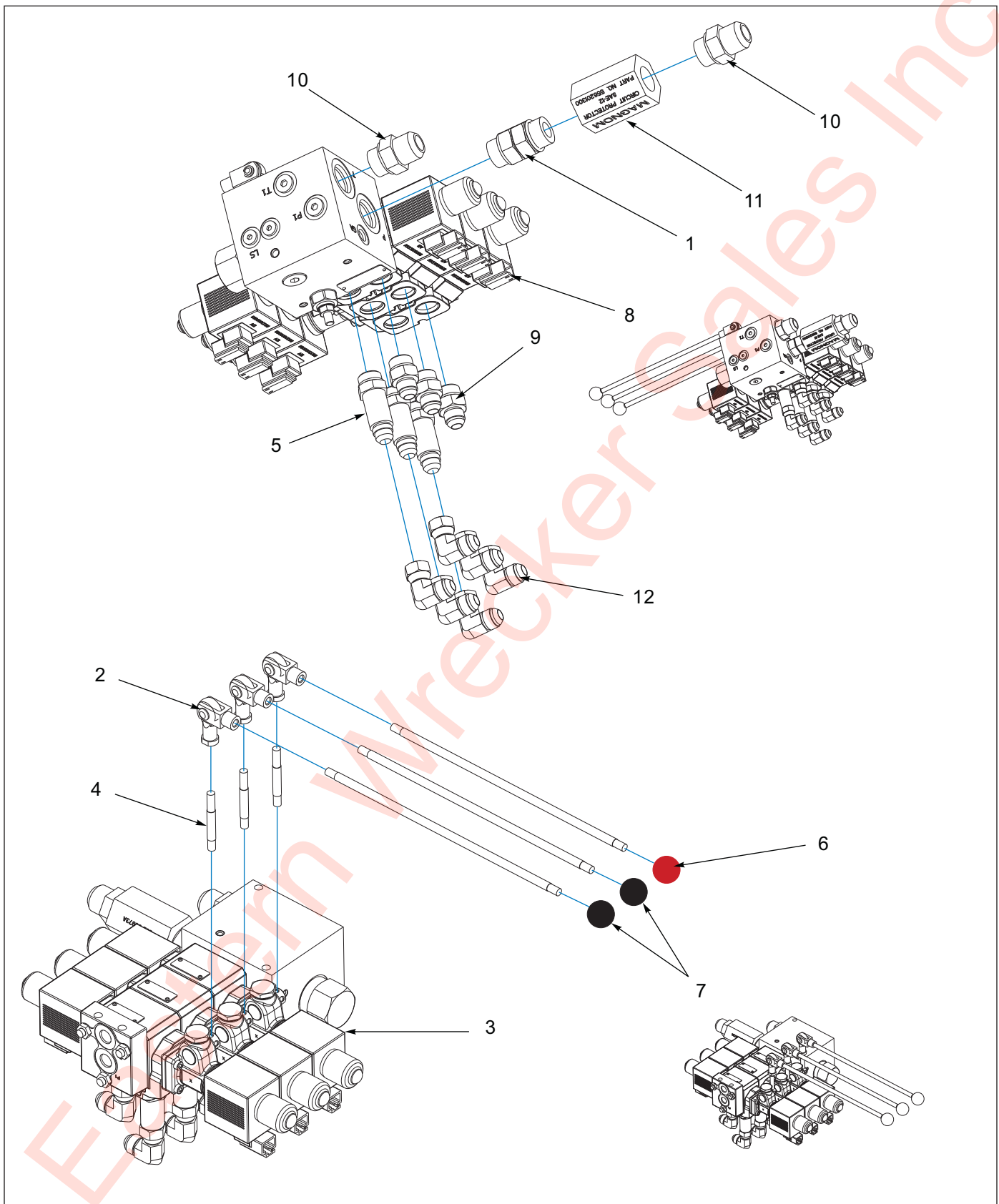


Figure 1-8: Valve Assembly - Three Spool

Valve Assembly - Three Spool

ITEM	PART NO.	DESCRIPTION	QTY.
	194439	VALVE REXROTH ASSEMBLY 300A	
1	158581	ADAPTER STR #12 ORB - #12 ORB	1
2	186875	CLEVIS JOINT, ROD ENDS M8X1.25	3
3	186885	VALVE, 3 SPOOL SOLENOID, 35 GPM (COMES WITH HANDLES)	3
4	186902	STUD, M8X1.25X64MM, DBL THRD	3
5	189285	ADAPTER, STR LONG #10 ORB #8MJIC	3
6	191849	HANDE, RED, 9 IN., M8X1.25 THREAD (COMES WITH KNOB)	1
7	191850	HANDLE, BLACK, 9 IN., M8X1.25 THREAD (COMES WITH KNOB)	2
8	202430	VALVE, 3 SPOOL, 35GPM, W/ ORIF	1
9	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	3
10	202702-12-12S	ADAPTER, STR #12 O-RING - #12 TUBE	2
11	204124	FILTER, HYD INLINE MAGNETIC, SAE#12	1
12	2071-8-8S	ADAPTER, 90, #8 FLR SWIVL #8 JIC	6

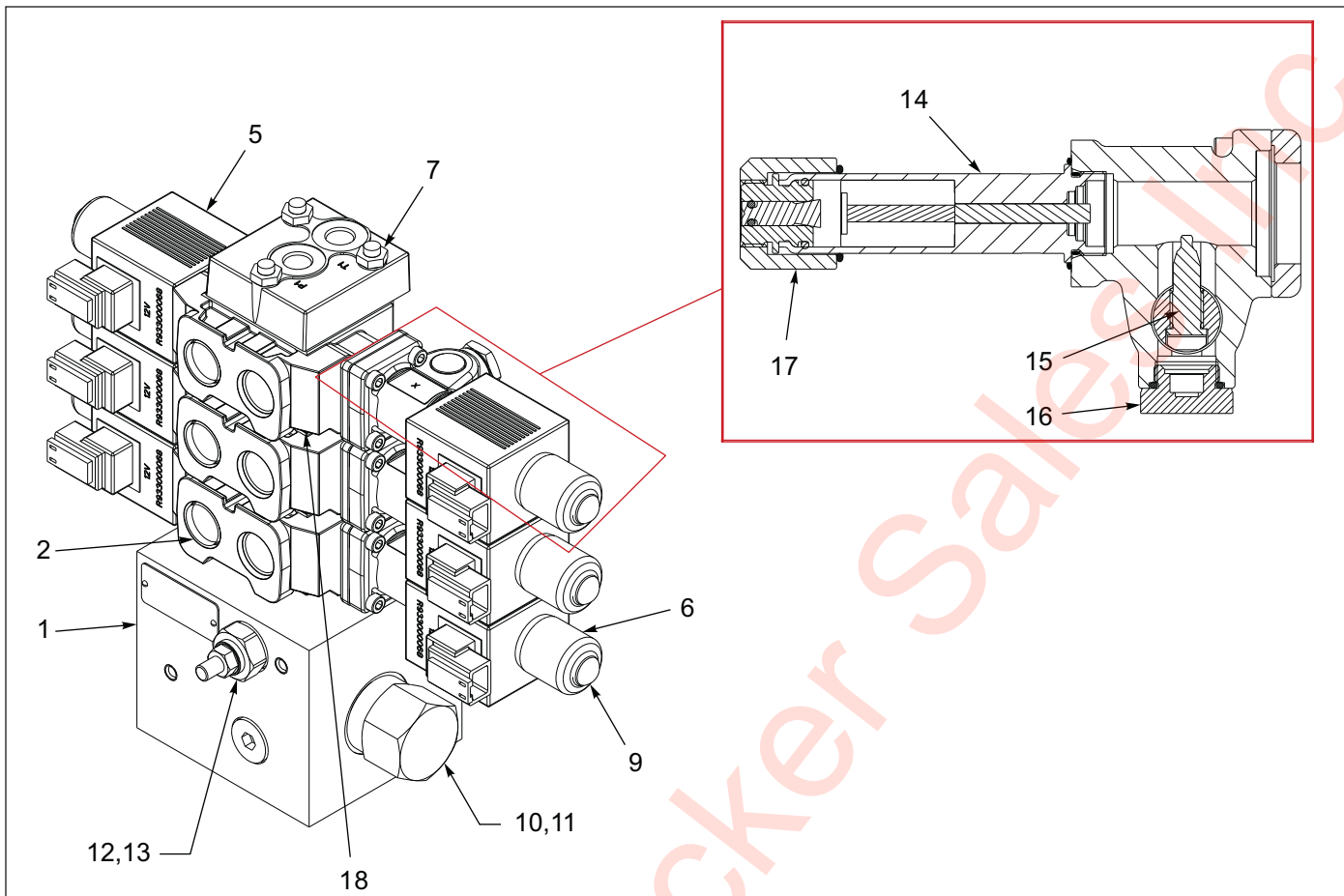


Figure 1-9: Three Spool Valve

Three Spool Valve

ITEM	PART NO.	DESCRIPTION	QTY.
	202430	VALVE, 3 SPOOL, 35 GPM W/ORF	
1	191847	INLET SECTION KIT	1
2	191848	VALVE SECTION KIT	3
3	191849	HANDLE ASSY (NOT SHOWN)	1
4	191850	HANDLE ASSY (NOT SHOWN)	2
5	193400	COIL	6
6	193401	RUBBER BOOT	6
7	193402	BOLT KIT	1
8	193442	VALVE SECTION SEAL KIT (NOT SHOWN)	4
9	193443	COIL NUT SEAL KIT	1
10	193444	BY-PASS COMENSATOR	1
11	193445	SEAL KIT FOR COMPENSATOR	1
12	193446	LOAD SENSE RELIEF	1
13	193447	LOAD SENSE RELIEF SEAL KIT	1
14	208390	KIT COMPLETE LEVER BOX, K-22144	1
15	204189	SET SCREW HANDLE ACTUATOR BALL	6
16	208391	PLUG	6
17	208392	COIL NUT LEVER BOX	6
18	202190	RESTRICTOR, 1/8 DIA ORIFICE 15 GPM	1

NOTES:

Electrical

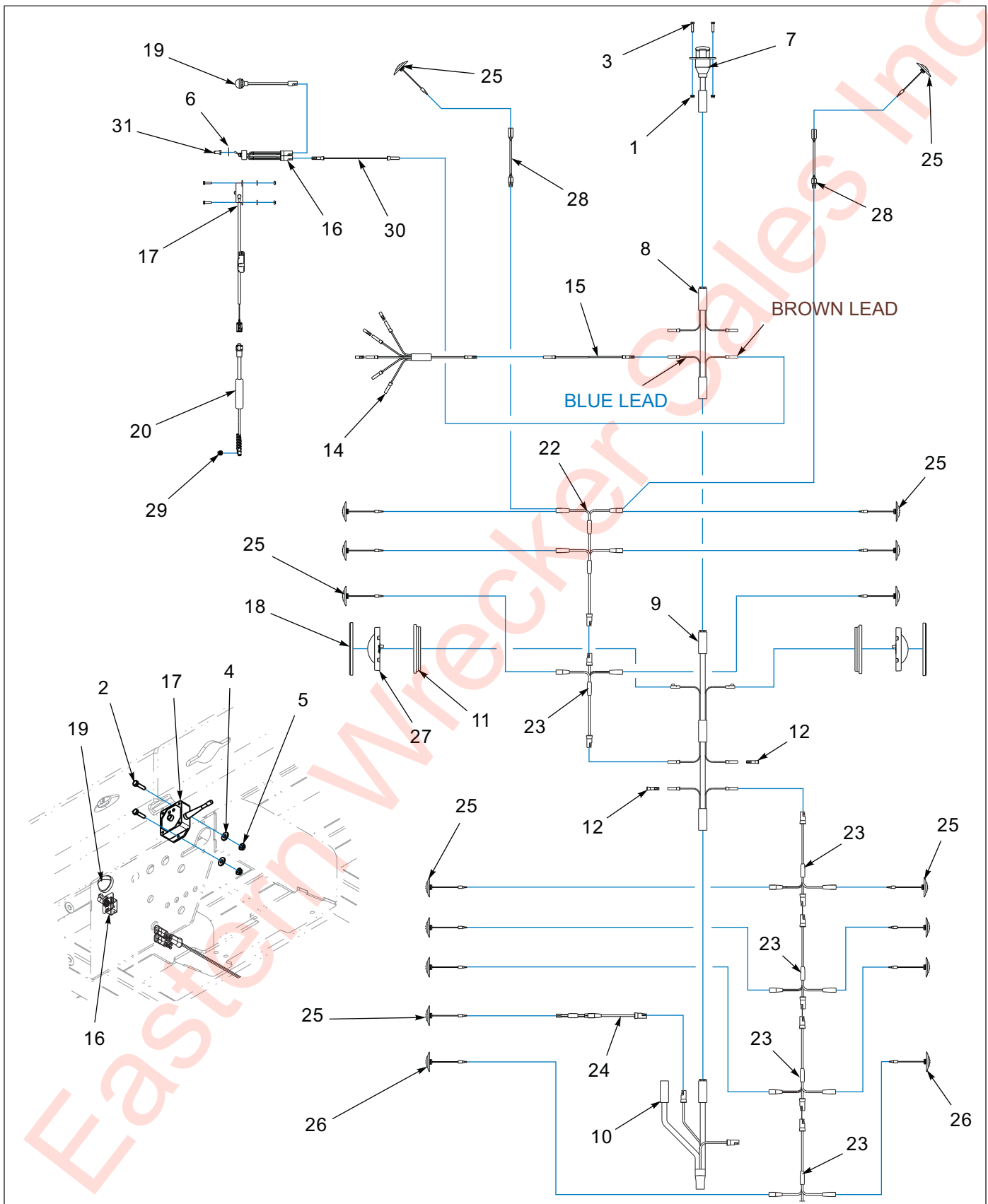


Figure 1-10: Electrical System

Electrical System

ITEM	PART NO.	DESCRIPTION	QTY.	
	196585	HYDR ELEC AIR 343A-46 W/RMT (REF. ONLY)	*	*
	196583	HYDR ELEC AIR 343A-50 W/RMT (REF. ONLY)	*	*
	196581	HYDR ELEC AIR 343A-43 W/RMT (REF. ONLY)	*	*
1	1-512-010005-03	NUT, HEX, SLFLKG, 5/16-18 UNC, GRB	2	2
2	1-654-010047-06	SCREW, HEX, 1/4-20X1 GR5	2	2
3	1-654-010049-07	SCREW, HEX, 5/16-18UNCX1-1/4 GR5	2	2
4	1-861-010032-07	WASHER, FLAT, ZP/CD, 1/4W	2	2
5	108417	NUT, SPIRALOCK 1/4-20 HEX FLANGE	2	2
6	130116	DECAL, ON/OFF LIGHT	1	1
7	143100	HARNESS 7WAY RECP GROTE	1	1
8	143101	HARNESS FRONT MAIN GROTE	1	1
9	143102	HARNESS BED MAIN GROTE	1	1
10	143103	HARNESS E-CHAIN GROTE	REF	REF
11	143114	GROMMETT OVAL GROTE (BEFORE JAN. 2, 2020; OBSOLETE AFTER)	2	2
12	143121	DUMMY PLUG MALE / FEM BULLET (USED W/O RMT)	REF	REF
13	143123	DIELECTRIC GREASE	.50	.50
14	150093	HARNESS 5 AUX BRANCHES GROTE	1	1
15	150111	HARNESS 300 IN. MALE / FEM BULLET	1	1
16	150117	TOGGLE SWITCH SEALED S.P.S.T.	1	1
17	168648	RECEIVER/TRANS MACRO KAR SL AXLE	1	1
18	180570	COVER CHROME OBLONG GROMMET (P/N 213296 AFTER JAN. 2, 2020)	2	2
19	185059	LIGHT, LED COURTEST, GROTE	1	1
20	186882	HARNESS, CONTROL VALVE, DUETSCH	1	1
21	187833	CLIP HARNESS, CROSS-MEMBER (NOT SHOWN)	100	100
22	187855	HARNESS MARKER UPR DECK	1	1
23	187857	HARNESS MARKER ADDITION	5	5
24	187858	HARNESS ABS LAMP MICRONOVA	1	1
25	187863	LIGHT YEL LED .75 CL/MK CLEAR CB	15	15
26	187864	LIGHT WHT LED .75 CL/MK CLEAR CB (P/N 213298 AFTER JAN. 2, 2020)	2	2
27	187868	LIGHT MID-TURN LED CLEAR LENS	2	2
28	191569	HARNESS MARKER LAMP MICRONOVA	2	2
29	194407	PLUG ASSEMBLY DUMMY DEUTSCH 2 PIN (USED W/O REMOTE)	--	--
30	3-368-010252	HARNESS ASSEMBLY BKHD LIGHT EXT	1	1
31	81264	RUBBER BOOT FOR ELECT SWITCH	1	1



Bumper Electrical

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
2	1-512-010007-03	NUT, HEX 10-24 GR2 ZP	2
3	1-654-010158-1	SCREW,RHD,SQ NCK,1/4-20UNCX3/4	2
4	1-656-010003051	SCREW,RH HD MACH 10-24X3/4	2
5	1-861-010034-07	WASHER,LKG,HLCL SPR, NO 10	2
6	143103	HARNESS ECHAIN GROTE	1
7	143114	GROMMET OVAL GROTE	6
8	149902	AXLE/SPRING ASSY REAR 345E	6
9	179906	PLATE MTG MICRO ID LIGHTS	1
10	180570	COVER CHROME OBLONG GROMMET	6
11	187859	HARNESS BUMPER MICRONOVA GROTE	1
12	187860	LIGHT ASSY LICENSE LED GROTE	1
13	187864	LIGHT RED LED.75CL/MK CLEAR CB	3
14	43029	HOSE WRAP AEROQUIP 1/4 (NOT SHOWN)	3

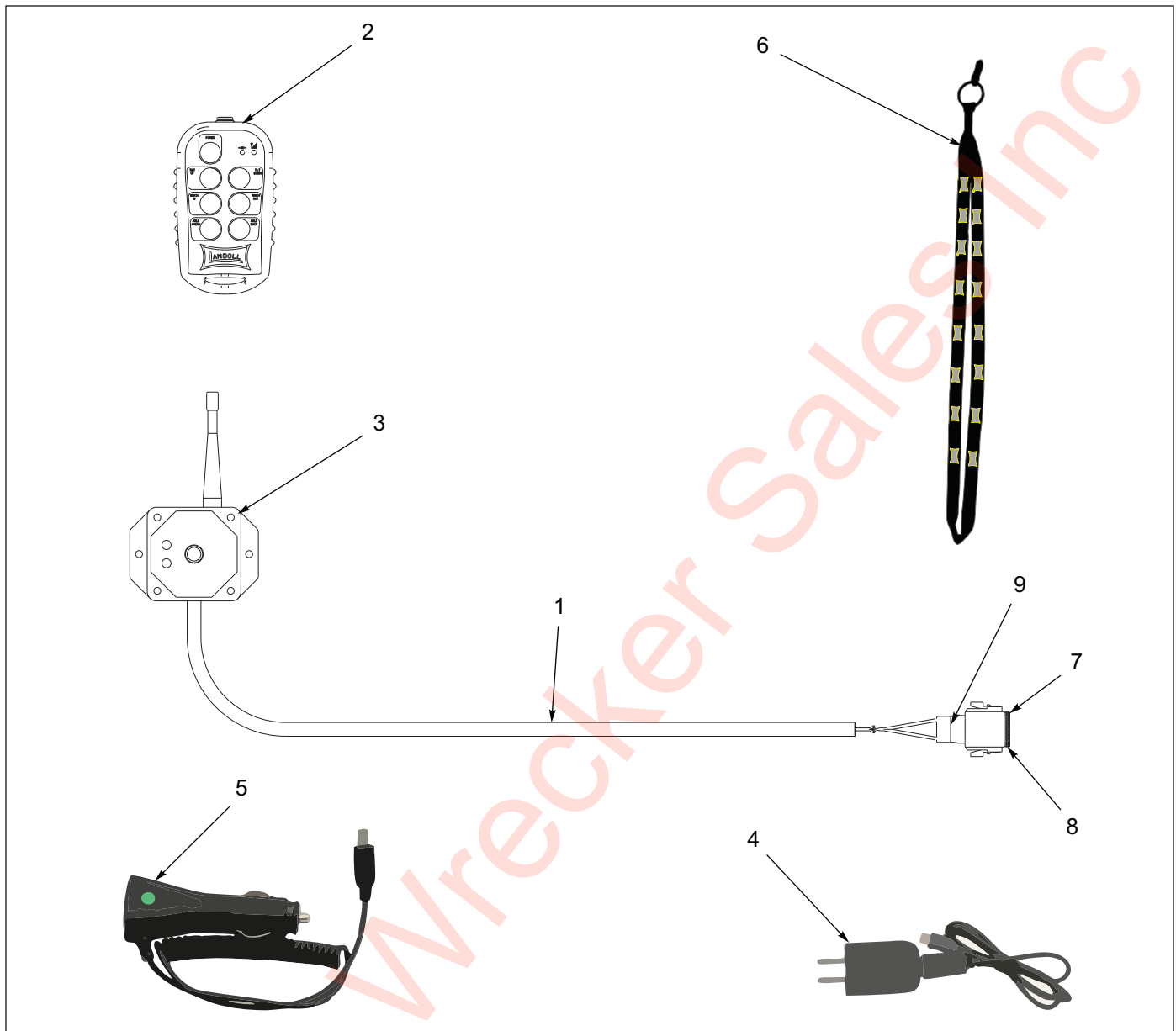


Figure 1-12: Receiver Transmitter - Macro Kar SL AX

Receiver Transmitter - Macro Kar SL AX

ITEM	PART NO.	DESCRIPTION	QTY.
	168648	RECEIVER TRANSMITTER, MACRO KAR, SL AX	REF
1	168974	REMOTE, KAR-TECH SLIDE AX (ITEMS 2-5)	1
2	168975	MACRO TRANSMITTER W/ DECAL	1
3	143126	MINI AND MACRO RECEIVER, 6 FUNCTION W/ TEACH BUTTON	1
4	168976	CAR CHARGER 12V TO MICRO USB	1
5	168982	WALL CHARGER 120V TO MICRO USB	1
6	168979	LANYARD, LANDOLL	1
7	622-2967-010	PLUG, 8 POS, FEMALE	1
8	622-2967-015	SOCKET, 16-18 AWG, SOLID	8
9	622-2967-026	WEDGE, 8 POS, PLUG	1
10	197460	REPLACEMENT BATTERY, KAR-TECH MACRO (NOT SHOWN)	1

[illegible]

Undercarriage

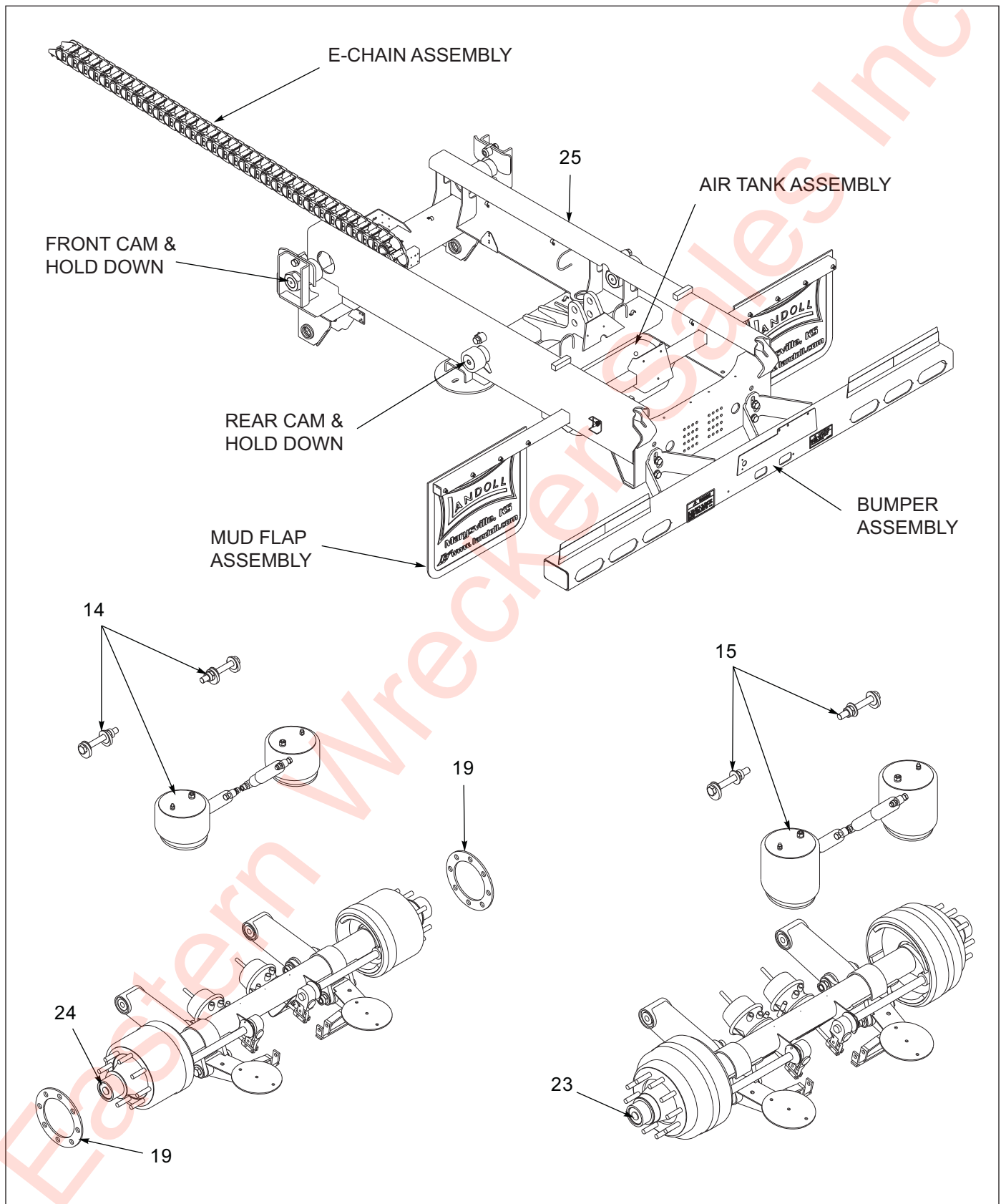


Figure 1-13: General Items (1 of 3)

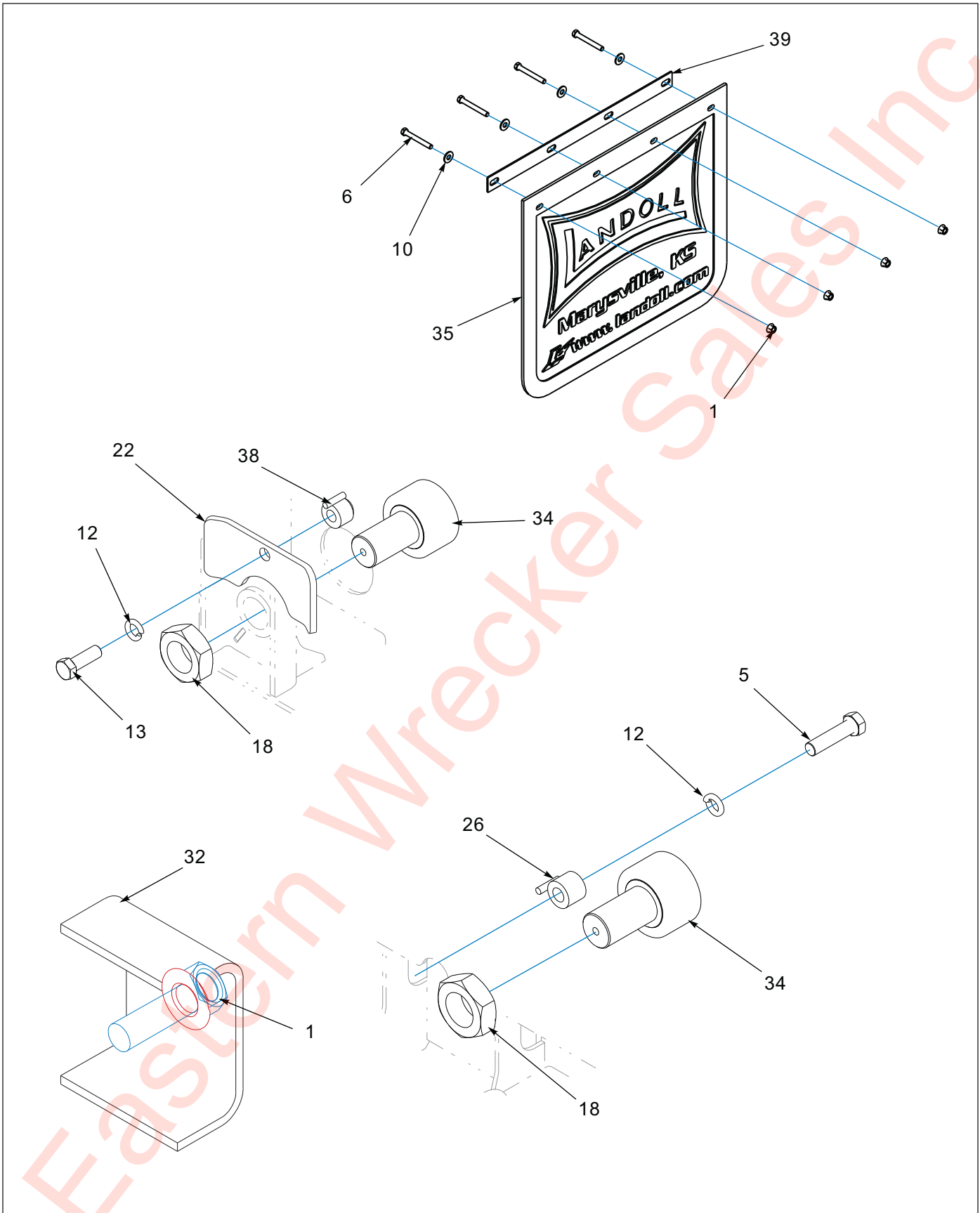


Figure 1-14: General Items (2 of 3)

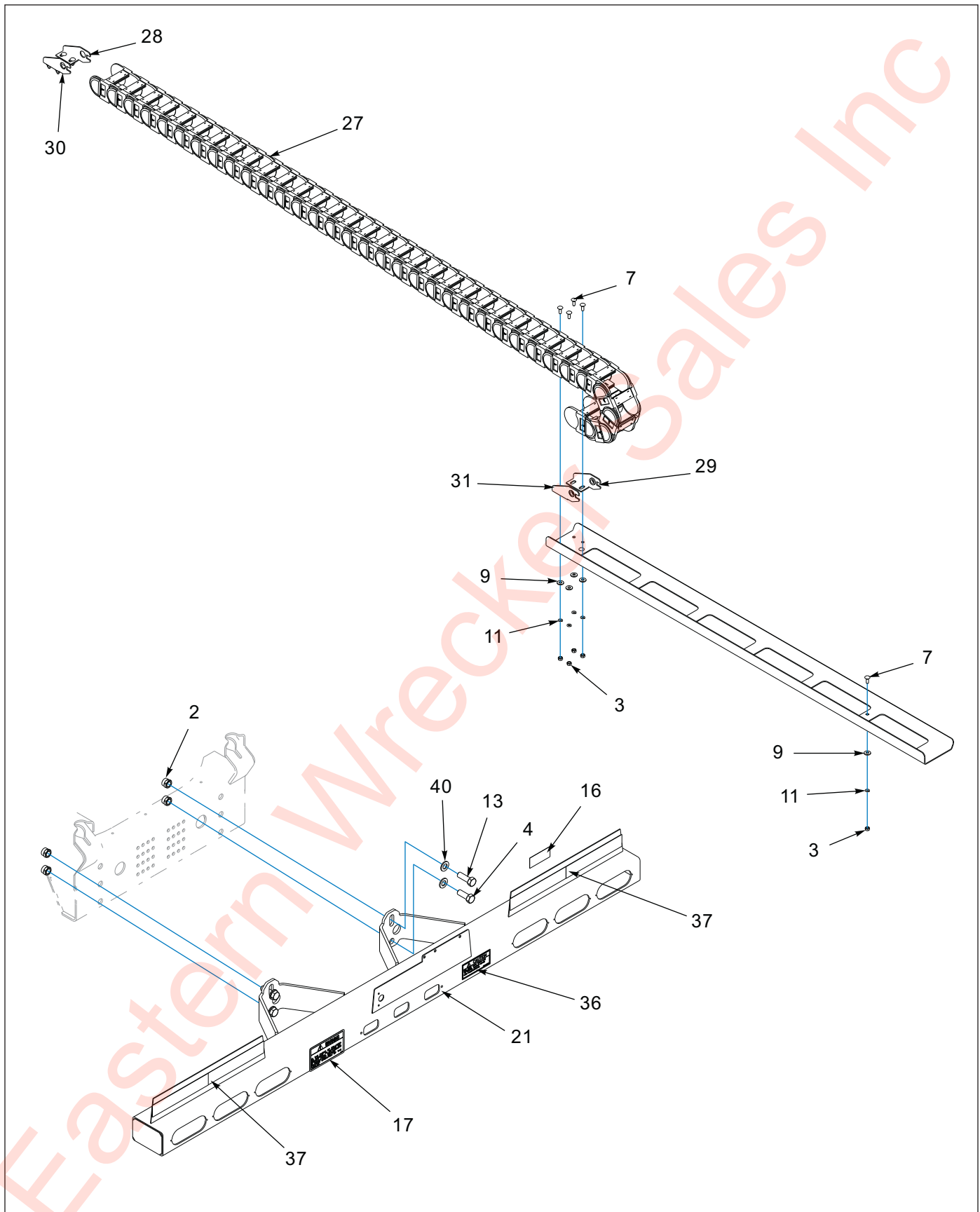


Figure 1-15: General Items (3 of 3)

General Items

ITEM	PART NO.	DESCRIPTION	QTY.			
	196576	SUSP ASSEMBLY 343A A/R LED TIS (REF. ONLY)	*			
	196578	SUSP ASSEMBLY 343A 2512 A/R LED TIS (REF. ONLY)		*		
	201034	SUSP ASSEMBLY 343A 2516 THERM TIS (REF. ONLY)			*	
	201037	SUSP ASSEMBLY 343A 2512 THERM TIS (REF. ONLY)				*
1	1-510-010001	NUT, 3/8-16 UNC FLANGE LOCK	11	11	11	11
2	1-512-010005-15	NUT, HEX, SLFLKG, 3/4-10 GRB	4	4	4	4
3	1-512-010007-05	NUT, HEX, 1/4-20 UNC, GR2	10	10	10	10
4	1-654-010032-05	SCREW, HEX CAP, 3/4-10UNCX2 GR8	2	2	2	2
5	1-654-010032-09	SCREW, HEX CAP, 3/4-10UNCX3 GR8	2	2	2	2
6	1-654-010051-13	SCREW, HEX CAP, 3/8-16UNCX3	8	8	8	8
7	1-654-010158-1	SCREW, RDHD SQNK, 1/4-20UNCX3/4	10	10	10	10
8	1-843-010014	VALVE EXTENSION, STEM, 3 IN.	2	2	2	2
9	1-861-010032-07	WASHER, FLAT, ZP/CD 1/4W	10	10	10	10
10	1-861-010032-11	WASHER, FLAT, ZP/CD 3/8W	8	8	8	8
11	1-861-010034-09	WASHER, LKG, HLCL SPR, 1/4	10	10	10	10
12	1-861-010034-07	WASHER, LKG, HLCL SPR, #10	4	4	4	4
13	100941	SCREW, HEX CAP, 3/4-10UNCX2-1/4	4	4	4	4
14	102363	SUSPENSION, ADJ RLU 228 3.5	REF	REF	REF	REF
15	102364	SUSPENSION, ADJ RLU 228 5.5	REF	REF	REF	REF
16	103055	DECAL, ENERGY BUMPER CERT	1	1	1	1
17	103056	DECAL, ENERGY WARNING BUMPER	1	1	1	1
18	104034	NUT, HEX, JAM, 2-12UNF GR2	4	4	4	4
19	109214	SPACER, WHEEL 17.5 HUB PILOT	REF	REF	REF	REF
20	118897	TRAY E-CHAIN 425	1	1	1	1
21	119580	BUMPER WLDMT 660 TUBE W/EP	REF	REF	REF	REF
21	204955	BUMPER WLDMT 102 WIDE U/C	REF	REF	REF	REF
22	140829	PLATE WEAR, 435 U/C	2	2	2	2
23	164428	AXLE WLDMT RLU 228 BIG BRAKE	REF	REF	REF	REF
24	169424	AXLE WLDMT RLU 228 LITTLE BRAKE	REF	REF	REF	REF
25	177508	UNDERCARRIAGE WLDMT 343 A/R	1	1	1	1
26	184395	HOLD DOWN 343 U/C	2	2	2	2
27	189316	SUPPORT, E-CHAIN, MODEL 3838	1	1	1	1
28	190700ZP	BRACKET E-CHAIN LH	1	1	1	1
29	190701	BRACKET WLDMT E-CHAIN LH	1	1	1	1
30	190705ZP	BRACKET E-CHAIN RH	1	1	1	1
31	190706	BRACKET WLDMT E-CHAIN RH	1	1	1	1
32	2-181-010001	HOSE CLAMP	3	3	3	3
33	#242 LOCKTITE	LOCKTITE, BLUE REMOVABLE	REF	REF	REF	REF
34	3-076-010005	CAM FOLLOWER, 4 IN. DIA	4	4	4	4
35	3-485-010001	MUD FLAP, 21 IN.	2	2	2	2
36	3-573-010031	DECAL BUMPER	1	1	1	1
37	3-573-010377	DECAL, 2 IN., REFLEXITE TAPE, RED/WHITE	48FT	48FT	48FT	48FT
38	3-762-010016	HOLD DOWN, UNDERCARRIAGE	2	2	2	2
39	3-762-010017	CLAMP, MUD FLAP	2	2	2	2
40	622-3511-008	WASHER, FLAT 3/4 MIL-CARB SAE	4	4	4	4
41	3-780-010002	AIR TANK ASSEMBLY (SEE PAGE 1-31)	REF	REF	REF	REF

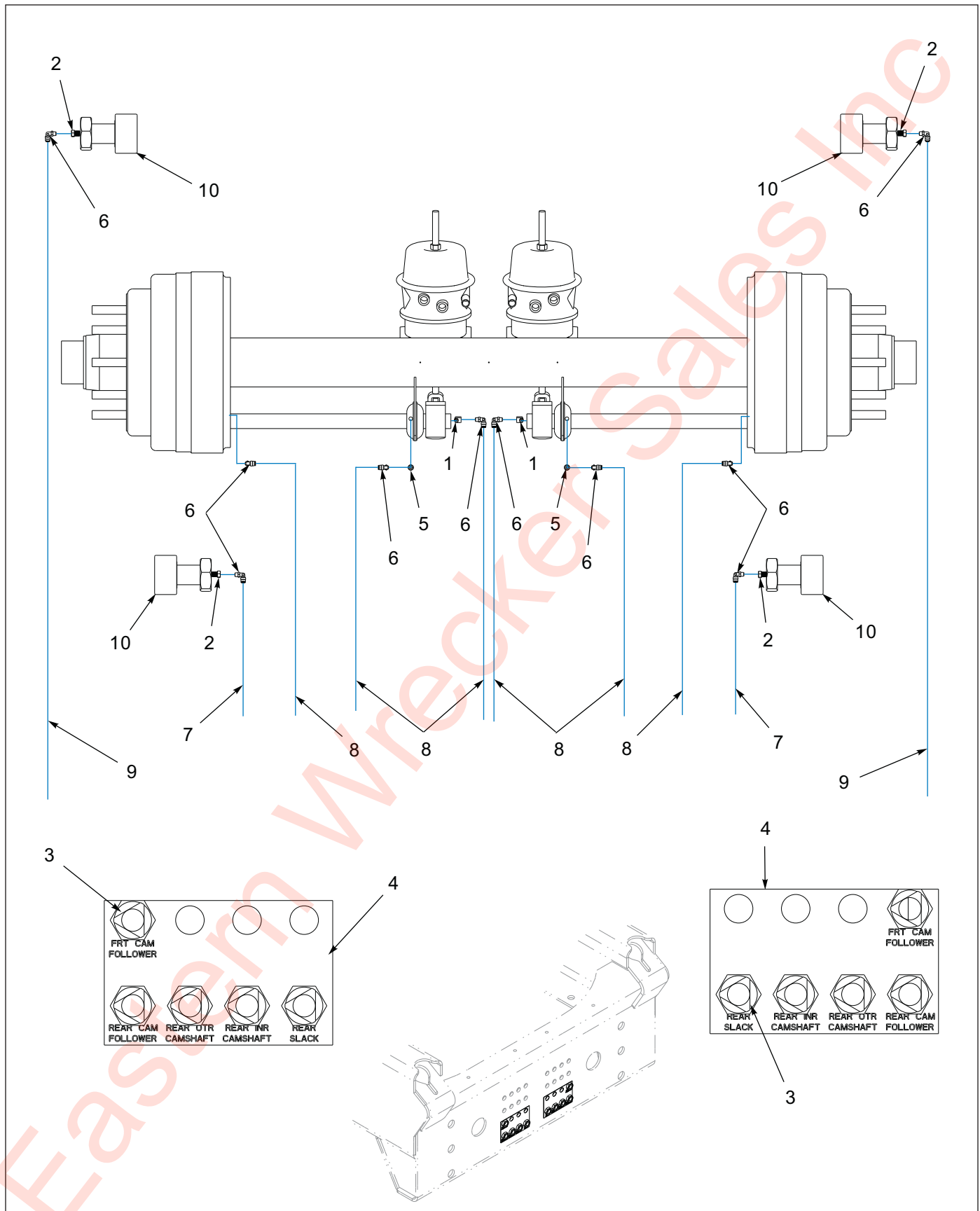


Figure 1-16: Grease System

Grease System

ITEM	PART NO.	DESCRIPTION	QTY.
1	101528	ELBOW, BRASS PIPE STREET	2
2	216599	FITTING, GREASE 1/4 TUBE X 1/4 NPT	2
3	142545	NUT, HEX, JAM 7/16-20 UNC	10
4	142553	DECAL, GREASE, TRL U/C	2
5	202094	ADAPTER 5/16-18X1/8 NPT	2
6	202099	FITTING GREASE 90 SWIV P-T-C 1/8NPT (M) 1/4T	10
7	202103	HOSE ASSEMBLY, GREASE 1/8X45	2
8	202106	HOSE ASSEMBLY, GREASE 1/8X72	6
9	202111	HOSE ASSEMBLY, GREASE 1/8X102	2
10	3-076-010005	CAM FOLLOWER, 4 IN. DIA	4
11	216600	FITTING, GREASE 90 SWIV P-T-C 1/4NOT(M) 1/4T (NOT SHOWN)	4

Suspension

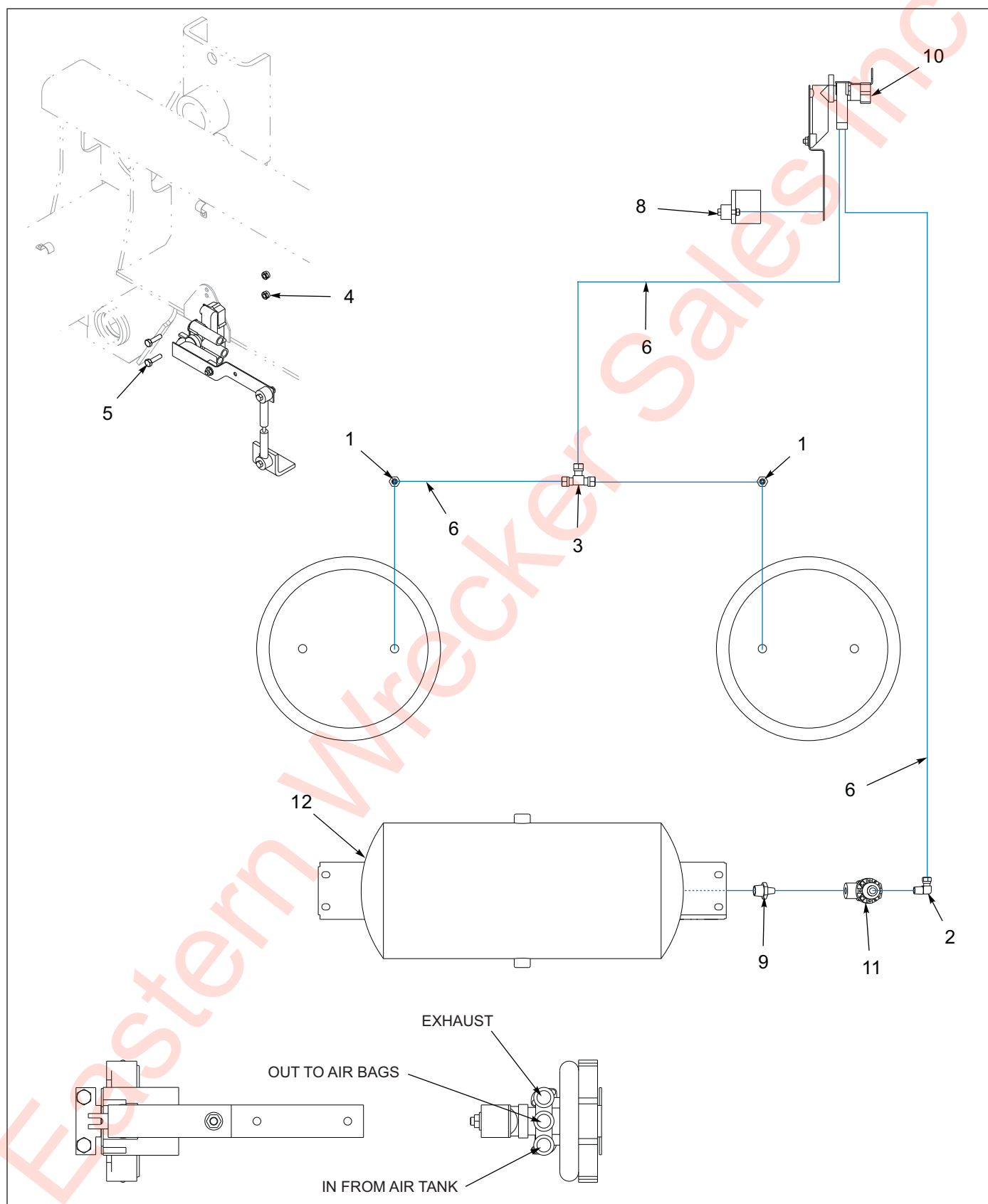


Figure 1-17: Air Ride Suspension

Air Ride Suspension

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-297-010007-05	FITTING, AIR 1/4 TUBE X 1/4 NPT	2
2	1-297-010008-07	FITTING, AIR 90	1
3	1-297-010010-01	FITTING, AIR UNION TEE	1
4	1-512-010005-01	NUT, HEX LOCK 1/4-20 GRB	2
5	1-654-010047-06	SCREW, HEX, 1/4-20UNCX1 GR5	2
6	1-833-010001	TUBING, NYLON 1/4 OD	8
7	102732	AIR CONTROL KIT (ITEMS 10 & 11) (SEE PAGE 1-30)	1
8	111021	KIT, SRK-167 NEWAY, 48100224	REF
9	2083-8-4S	NIPPLE, 1/4NPT X 1/2NPT	1
10	900 54 007	HEIGHT CONTROL VALVE	1
11	905-54-107	BRAKE PROTECTION VALVE	1
12	3-780-010002	TANK, AIR	1

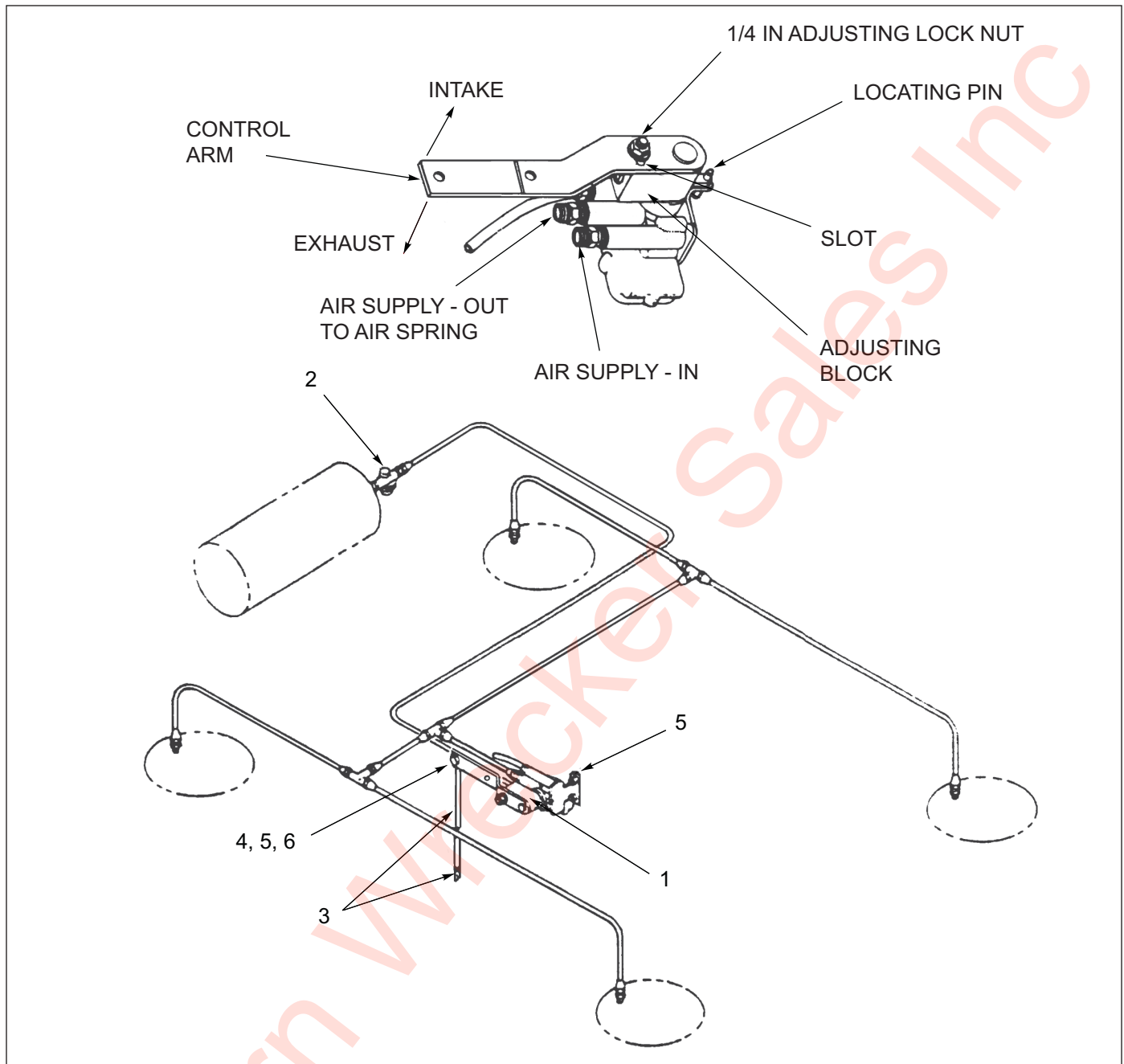


Figure 1-18: Air Control Kit

Air Control Kit

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

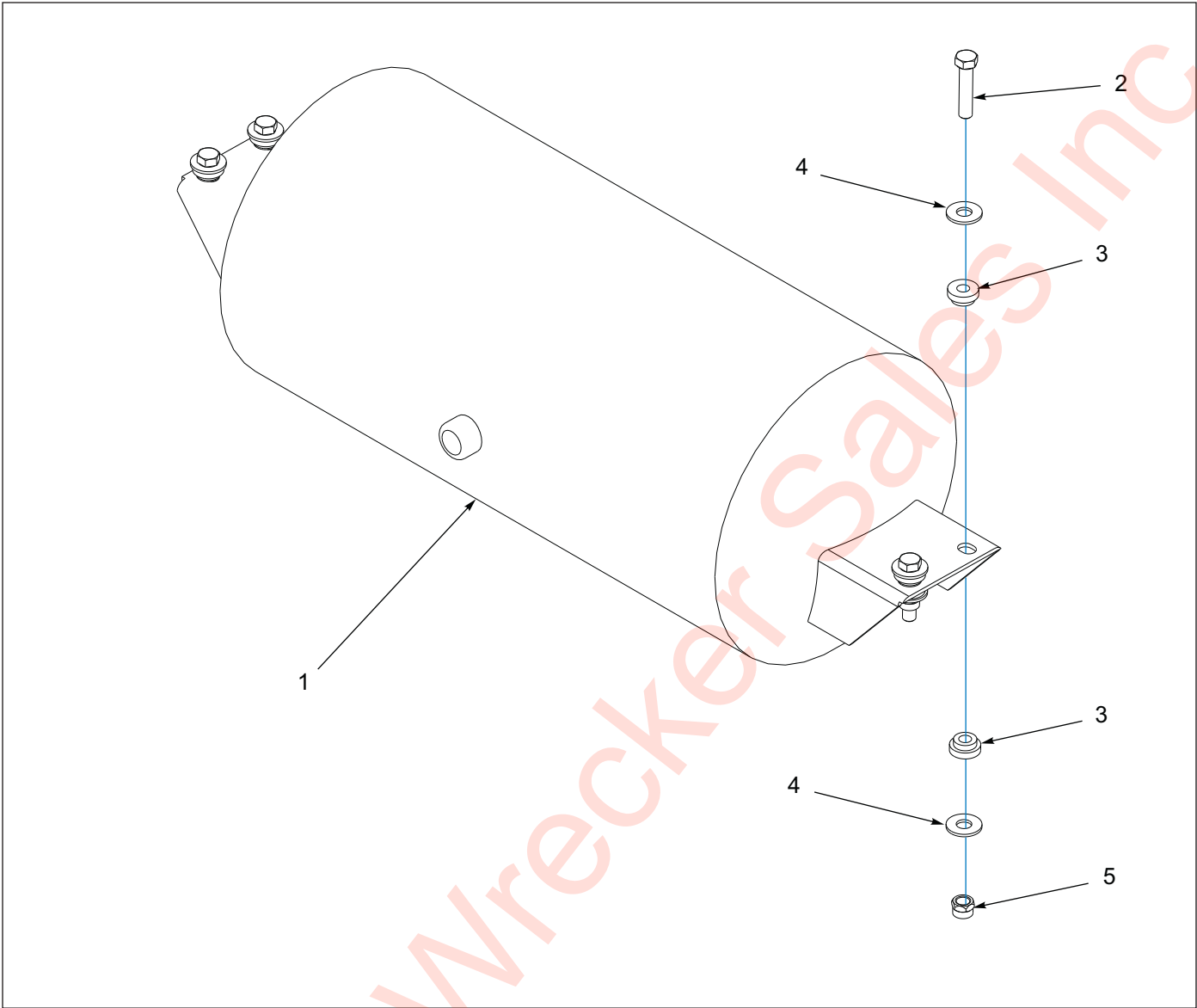


Figure 1-19: Air Tank Assembly

Air Tank Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	3-780-010002	TANK, AIR 9.5X22.5 0.5NPT PORTS	REF
2	1-654-010051-08	SCREW, HEX, 3/8-16UNCX1-3/4 GR5	4
3	805-2	BUSHING, STEP	8
4	1-861-010032-11	WASHER, FLAT, ZP/CD, 3/8W	8
5	1-512-010005-05	NUT, HEX, SLFLKG, 3/8-16 UNC, GRB	4

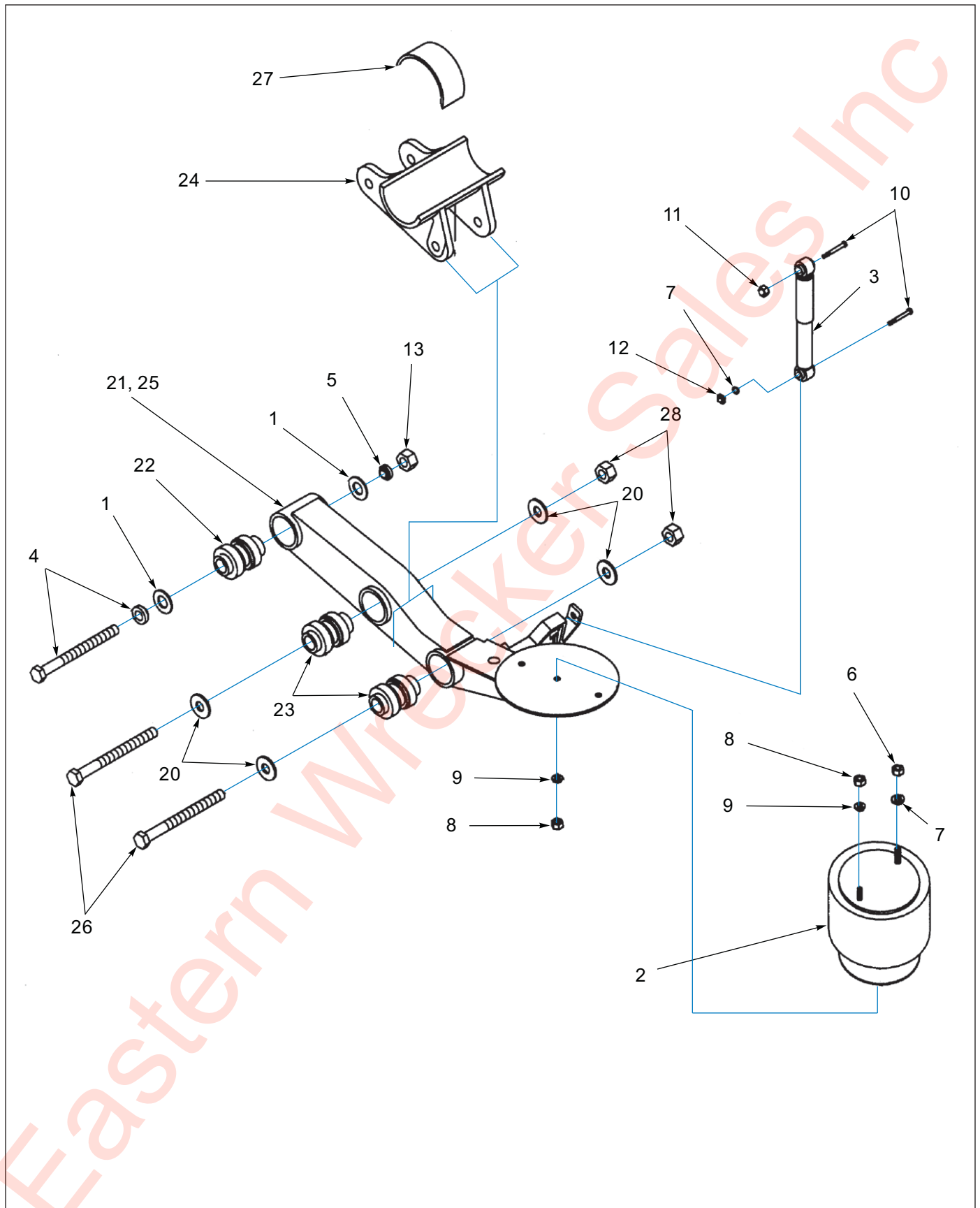


Figure 1-20: Suspension Hanger RLU-228

Suspension Hanger RLU-228

ITEM	PART NO.	DESCRIPTION	QTY.
	102363	SUSPENSION, ADJ. RLU-228-3.5 (ITEMS 1-19)	
	102364	SUSPENSION, ADJ. RLU-228-5.5 (ITEMS 1-19)	
	102361	SUSPENSION, BEAM. RLU-228 (ITEMS 20-28)	
1	111010	FLAT WASHER	2
2	905-57-129	AIR SPRING ASSEMBLY - 102363	2
2	111016	AIR SPRING ASSEMBLY - 102364	2
3	900 45 040	SHOCK - 102363	2
3	111017	SHOCK - 102364	2
4	90508009	ALIGN BUSH ASSEMBLY	2
5	129006	ALIGN BLOCK, NON WELD	2
6	934 00 149	3/4-16 HEX NUT GRB	2
7	936 00 077	LOCK WASHER, 3/4 IN.	4
8	1-512-010007-09	HEX NUT, 1/2-13	4
9	1-861-010034-13	LOCK WASHER, 1/2 IN.	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	-----	LITERATURE INSTRUCTIONS (NOT SHOWN)	1
16	-----	LITERATURE SPEC (NOT SHOWN)	1
17	-----	LITERATURE FORM 864 (NOT SHOWN)	1
18	-----	LITERATURE LABEL (NOT SHOWN)	1
19	-----	LITERATURE LABEL (NOT SHOWN)	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	934-00-506	LOCK NUT 1-1/8-7	4
29	109533	ALIGNMENT BLOCK KIT	1
30	126900	BRACKET BOTTOM SHOCK - RLU-228	1
31	141708	WIRE ROPE STRAP KIT RLU 228-3.5	1
31	127708	WIRE ROPE STRAP KIT RLU 228-5.5	1
32	111019	FASTENER KIT (ITEMS 1, 4-11, 13 & 15)	1

1-34

Air Brake System

ITEM	PART NO.	DESCRIPTION	QTY.
	196576	SUSP ASSEMBLY 343A A/R LED TIS (REF. ONLY)	
	196578	SUSP ASSEMBLY 343A 2512 A/R LED TIS (REF. ONLY)	
	201034	SUSP ASSEMBLY 343A 2516 THERM TIS (REF. ONLY)	
	201037	SUSP ASSEMBLY 343A 2512 THERM TIS (REF. ONLY)	
1	1-297-010007-12	FITTING, AIR 3/8 TUBE TO 3/8 NPT	1
2	1-297-010008-20	FITTING AIR, 90 3/8 TUBE X 3/8 NPT	1
3	1-297-010008-26	FITTING AIR, 90, 5/8 TUBE TO 1/5 NPT	2
4	1-297-010017-03	FITTING AIR, PIPE M/BR TEE 3/8	1
5	1-384-010038038	HOSE AIR 3/8X38 W/3/8 ENDS	2
6	1-384-010038060	HOSE AIR, 3/8X60 W/3/8 ENDS	2
7	1-384-010038204	HOSE AIR, 3/8X204 W/3/8 ENDS	2
8	1-512-010005-05	NUT, HEX, SLFLKG, 3/8-16 UNC, GRB	2
9	1-560-010002-03	PLUG, PIPE 3/8NPTF	5
10	1-560-010002-04	PLUG, PIPE, 1/2 NPT (NEEDED W/O TIRE INFLATION INSTALLED)	1
11	1-560-010002-05	PLUG, PIPE, 3/4-14 NPTF	1
12	1-654-010051-05	SCREW, HEX, 3/8-16UNCX1 GR5	2
13	1-796-010003-01	TIE STRAP, PLASTIC (NOT SHOWN)	10
14	1-833-010002	TUBING, NYLON 3/8 OD	9
15	1-861-010032-10	WASHER, FLAT, ZP/CD, 3/8N	4
16	114585	BRAKE KIT, ABS, ROCKWELL (SEE PAGE 1-36)	1
17	117304	TUBING, NYLON, 5/8 OD	8
18	118-2659-9	BUSHING, 1/2NPT X 3/4NPT STL	1
19	2083-8-8S	NIPPLE, HEX, 1/2 PIPE - 1/2 PIPE	1
20	2089-6-6S	ADAPTER 903/8MPTX3/8FPT	1
21	3-780-010002	TANK, AIR 9.5X22.5 .5NPT PORTS (SEE PAGE 1-31)	1
22	56D4	COCK, DRAIN AIR TANK VEL036019	1
23	758-181	VALVE, TASK, 4-PORT	1

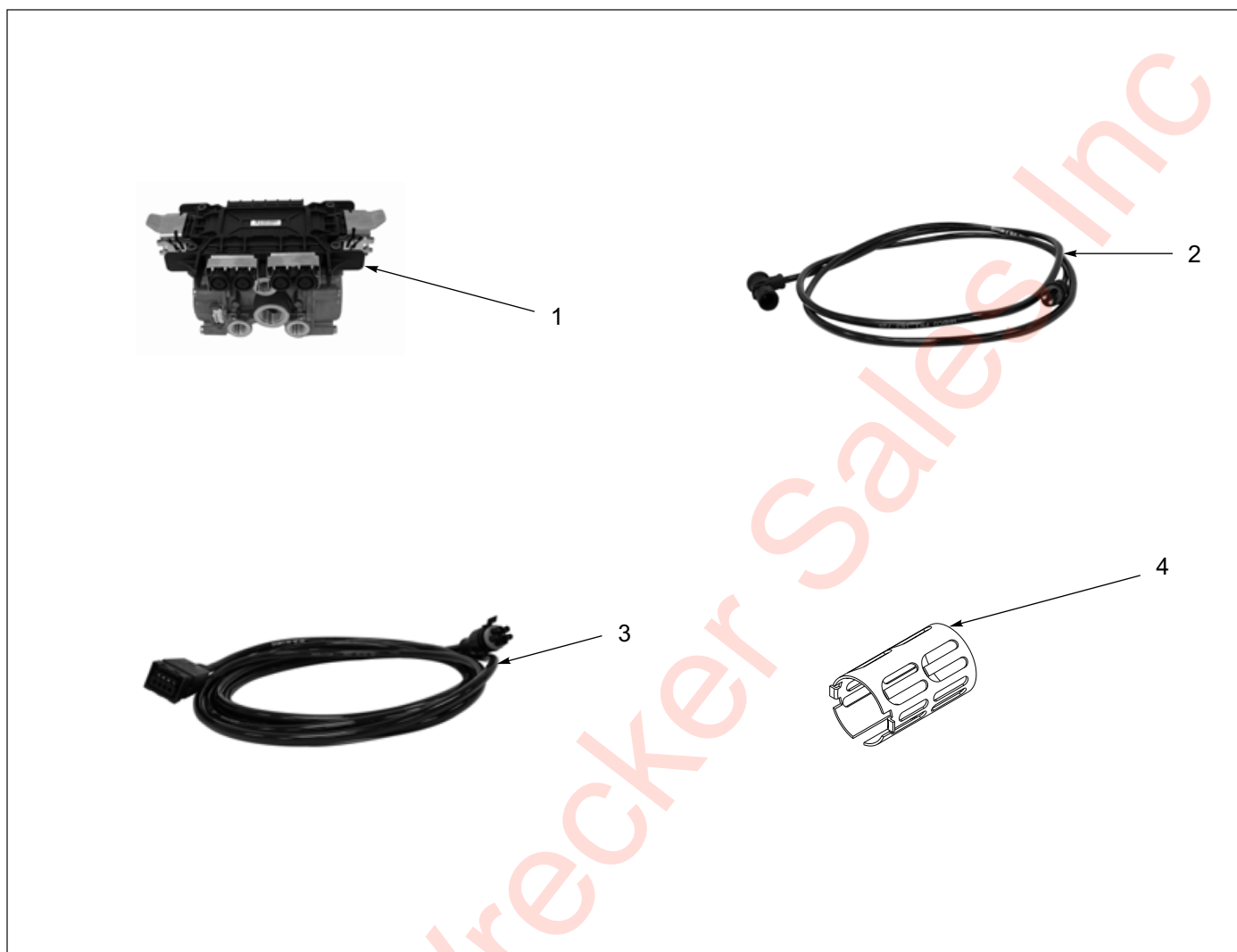


Figure 1-22: ABS Brake Kit - Rockwell

ABS Brake Kit - Rockwell

ITEM	PART NO.	DESCRIPTION	QTY.
	114584	ABS BRAKE KIT 4S/2M	
	114586	ABS BRAKE KIT 4S/2M-TRI/SPRD	
1	114588	ECU/VALVE ASSEMBLY	1
2	101848	SENSOR EXTENSION CABLE - 6 FT (114584)	4
2	103861	SENSOR EXTENSION CABLE - 10 FT (114586)	4
3	147464	POWER/DIAGNOSTIC CABLE 4.0M/3.0M	1
4	101849	SPRING CLIP, ABS SENSOR	2
5	101847	ABS SENSOR CABLE-4M 90° (1FT) (NOT SHOWN)	2

NOTES:

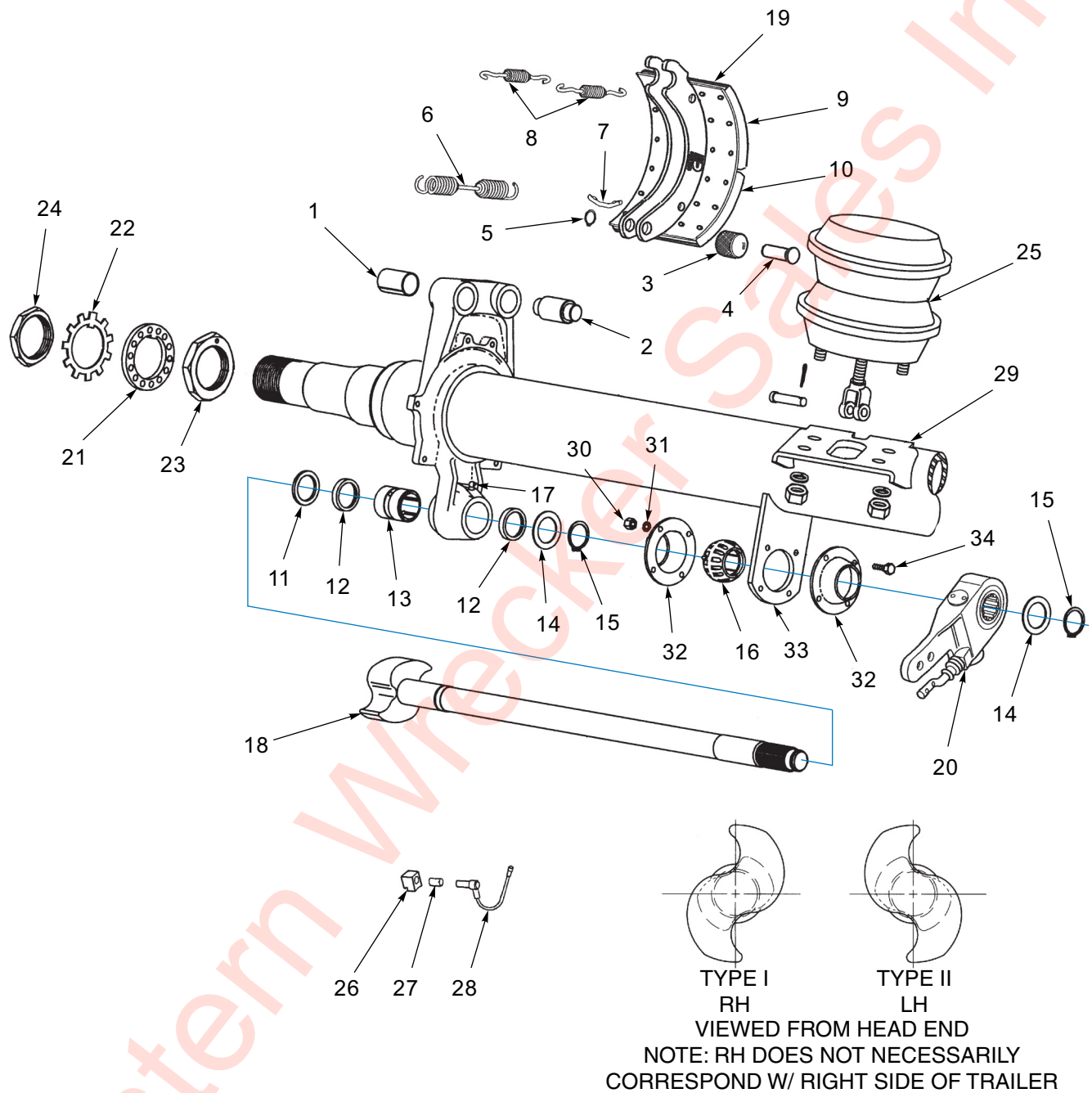
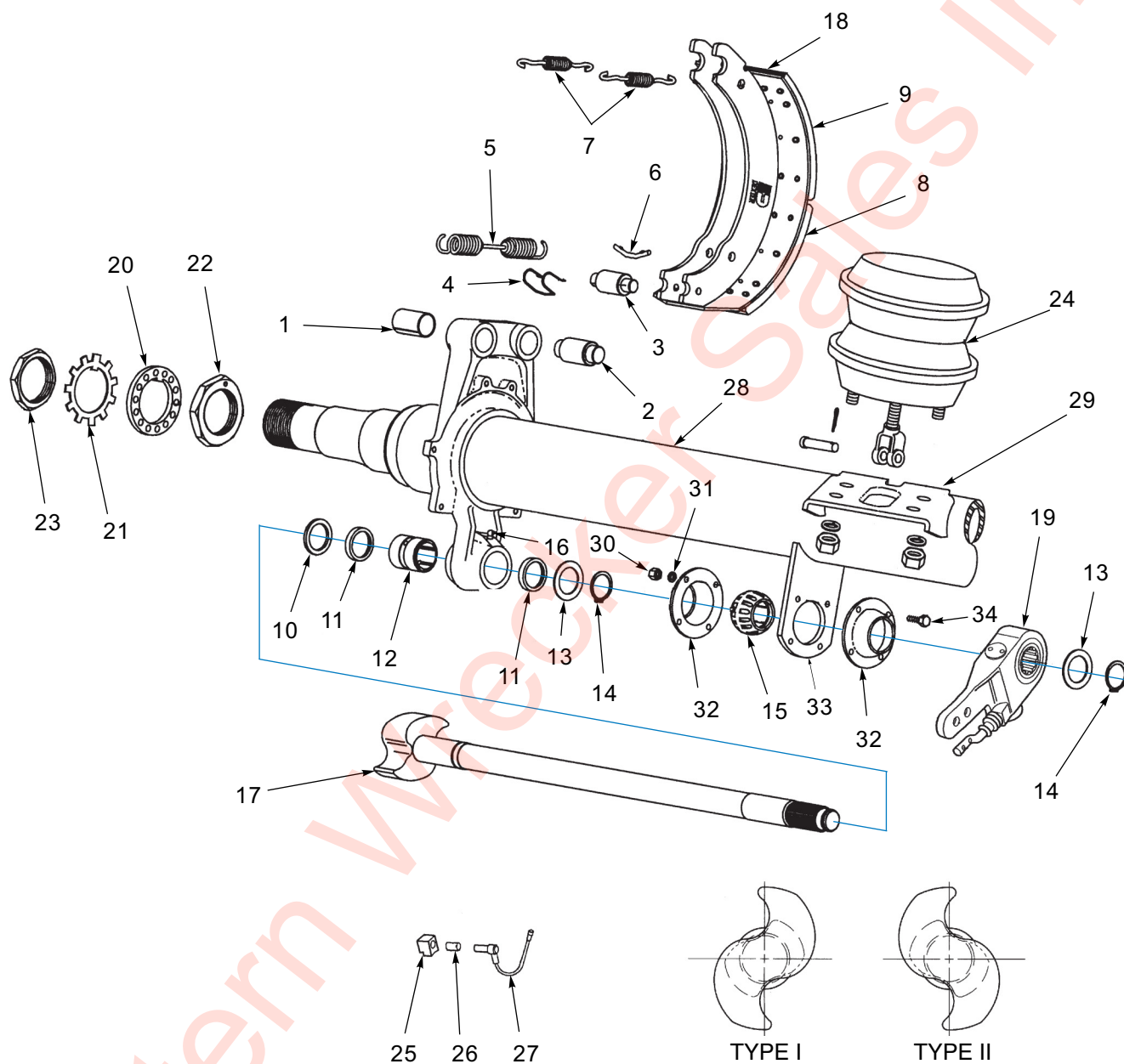


Figure 1-23: Axle and Brake Assembly - Dexter (12-1/4" X 7-1/2")

Axle and Brake Assembly - Dexter (12-1/4" X 7-1/2")

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
	212381		AXLE WLDMT 2512 SPG 77X36	
	-----	K71-133-00	BRAKE BLOCK KIT (ITEMS 4A, 4B, & P/N 022-018-00)	1
	K71-460-00	K71-460-00	BRAKE SHOE HARDWARE KIT (ITEMS 2, 3, & 5-9)	1
	-----	K71-101-00	CAMSHAFT REPAIR KIT (ITEMS 10-15, & 22)	1
1	-----	014-068-00	BUSHING, SPIDER ANCHOR PIN	4
2	-----	056-017-00	ANCHOR PIN	4
3	-----	014-057-00	ROLLER	4
4	-----	056-010-00	RETAINER, ROLLER PIN	8
5	-----	069-018-00	RETAINER, RING	8
6	-----	046-092-00	SPRING, SHOE RETRACTOR	2
7	056-018-00	056-018-00	RETAINER PIN, RETRACTOR SPRING	4
8	046-097-00	046-097-00	SPRING, KEEPER	4
9	-----	041-057-01	LINING, BRAKE BLOCK ANCHOR	2
10	-----	041-060-01	LINING, BRAKE BLOCK CAM	2
11	005-074-00	005-074-00	D" WASHER, CAMSHAFT	2
12	010-052-00	010-052-00	SEAL, GREASE	4
13	-----	014-056-00	BUSHING, CAMSHAFT SPIDER	2
14	-----	005-134-00	WASHER, CAMSHAFT END	2
15	069-078-00	069-078-00	RETAINER, CAMSHAFT END	2
16	-----	014-058-00	BUSHING, CAMSHAFT SUPPORT	2
17	-----	061-006-00	FITTING, GREASE 45°	2
18	136991	034-188-05	CAMSHAFT, 23-3/8" LH	1
18	136992	034-189-05	CAMSHAFT, 23-3/8" RH	1
19	040-320-01	040-320-01	SHOE AND LINING ASSEMBLY	4
20	156655	055-040-99	SLACK ADJUSTER, AUTOMATIC	2
21	005-098-00	005-098-00	WASHER, SPINDLE LOCK	2
22	005-099-00	005-099-00	WASHER, TABBED SPINDLE LOCK	2
23	006-114-00	006-114-00	NUT, INNER SPINDLE	2
24	006-115-00	006-115-00	NUT, OUTER SPINDLE	2
25	034-058-07	034-058-07	AIR CHAMBER, SPRING BRAKE	2
26	103805	024-100-00	SENSOR BLOCK	2
27	144979	097-002-00	RETAINER CLIP	2
28	101847	-----	ABS SENSOR CABLE-4M 90° (1FT)	2
29	034-048-00	034-048-00	AIR CHAMBER BRACKET	2
30	006-099-00	006-099-00	RETAINER NUT, CAM BUSH	8
31	005-079-00	005-079-00	LOCK WASHER	8
32	034-032-00	034-032-00	PLATE, BUSHING RETAINER (EACH HALF SOLD SEPERATELY)	4
33	034-031-00	034-031-00	PLATE, CAMSHAFT SUPPORT BRACKET	4
34	007-139-00	007-139-00	BOLT, RETAINER PLATE	8
35	138054	-----	SHOE AND LINING KIT (NOT SHOWN, PER AXLE)	1



TYPE I
RH
VIEWED FROM HEAD END
NOTE: RH DOES NOT NECESSARILY
CORRESPOND W/ RIGHT SIDE OF TRAILER

Figure 1-24: Axle and Brake Assembly - Dexter (16-1/2" X 7")

Axle and Brake Assembly - Dexter (16-1/2" X 7")

ITEM	PART NO.	REFERENCE NO.	DESCRIPTION	QTY.
	212421		AXLE WLDMT 2516 SPG 75X36	
	-----	K71-138-00	BRAKE BLOCK KIT (ITEMS 4A, 4B, & P/N 022-018-00)	1
	K71-136-00	K71-136-00	BRAKE SHOE HARDWARE KIT (ITEMS 2, 3, & 5-9)	1
	-----	K71-135-00	CAMSHAFT REPAIR KIT (ITEMS 10-15, & 22)	1
1	-----	014-068-00	BUSHING, SPIDER ANCHOR PIN	4
2	-----	056-017-00	ANCHOR PIN	4
3	014-065-00	014-065-00	ROLLER	4
4	071-122-00	071-122-00	RETAINER, ROLLER	4
5	046-096-00	046-096-00	SPRING, SHOE RETRACTOR	2
6	056-018-00	056-018-00	RETAINER PIN, RETRACTOR SPRING	4
7	046-097-00	046-097-00	SPRING, KEEPER	4
8	-----	041-058-01	LINING, BRAKE BLOCK CAM	2
9	-----	041-059-01	LINING, BRAKE BLOCK ANCHOR	4
10	005-096-00	005-096-00	D" WASHER, CAMSHAFT	2
11	010-052-00	010-052-00	SEAL, GREASE	4
12	-----	014-056-00	BUSHING, CAMSHAFT SPIDER	2
13	-----	005-134-00	WASHER, CAMSHAFT END	2
14	069-078-00	069-078-00	RETAINER, CAMSHAFT END	2
15	-----	014-058-00	BUSHING, CAMSHAFT SUPPORT	2
16	-----	061-006-00	FITTING, GREASE 45°	2
17	137461	034-192-08	CAMSHAFT, 25" LH	1
17	137485	034-193-08	CAMSHAFT, 25" RH	1
18	040-180-00	040-180-00	SHOE AND LINING ASSEMBLY	4
19	139383	055-040-98	SLACK ADJUSTER, AUTOMATIC	2
20	005-098-00	005-098-00	WASHER, SPINDLE LOCK	2
21	005-099-00	005-099-00	WASHER, TABBED SPINDLE LOCK	2
22	006-114-00	006-114-00	NUT, INNER SPINDLE	2
23	006-115-00	006-115-00	NUT, OUTER SPINDLE	2
24	034-057-01	034-057-01	AIR CHAMBER, SERVICE BRAKE	2
25	103805	024-100-00	SENSOR BLOCK	2
26	144979	097-002-00	RETAINER CLIP	2
27	101847	-----	ABS SENSOR CABLE-4M 90° (1FT)	2
28	-----	D-2H16	BEAM W/ BRACKETS	1
29	034-048-00	034-048-00	AIR CHAMBER BRACKET	2
30	006-099-00	006-099-00	RETAINER NUT, CAM BUSH	8
31	005-079-00	005-079-00	LOCK WASHER	8
32	034-032-00	034-032-00	PLATE, BUSHING RETAINER (EACH HALF SOLD SEPERATELY)	4
33	034-031-00	034-031-00	PLATE, CAMSHAFT SUPPORT BRACKET	4
34	007-139-00	007-139-00	BOLT, RETAINER PLATE	8
35	159001	-----	SHOE AND LINING KIT (NOT SHOWN, PER AXLE)	REF

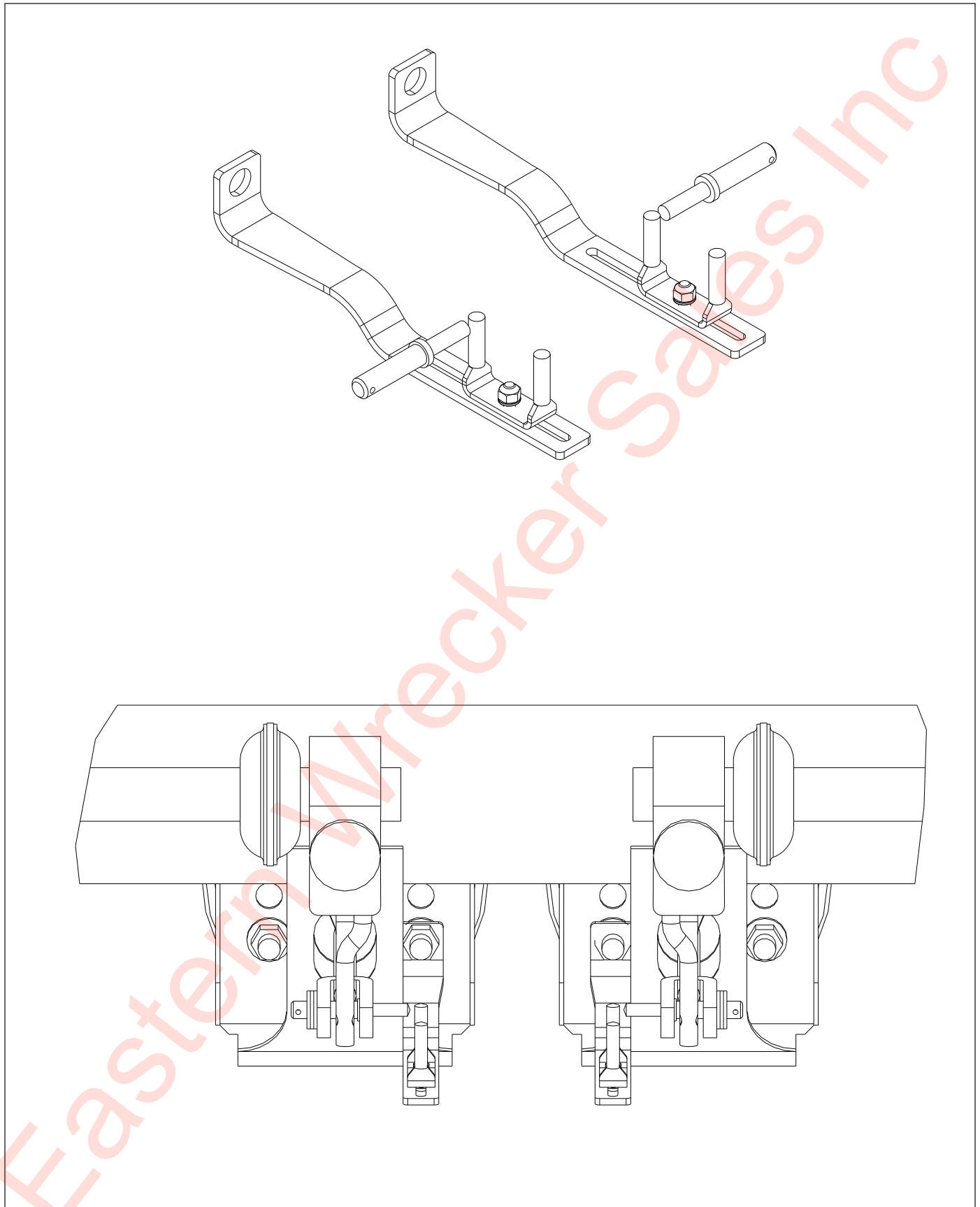


Figure 1-25: Brake Indicator - Long Brakesafe

Brake Indicator - Long Brakesafe

ITEM	PART NO.	DESCRIPTION	QTY.
	186931	BRAKE INDICATOR, LG BRAKESAFE (16.5 x 7 BRAKES)	REF
	186932	BRAKE INDICATOR, SHT BRAKESAFE (12.25 X 7.5 BRAKES)	REF

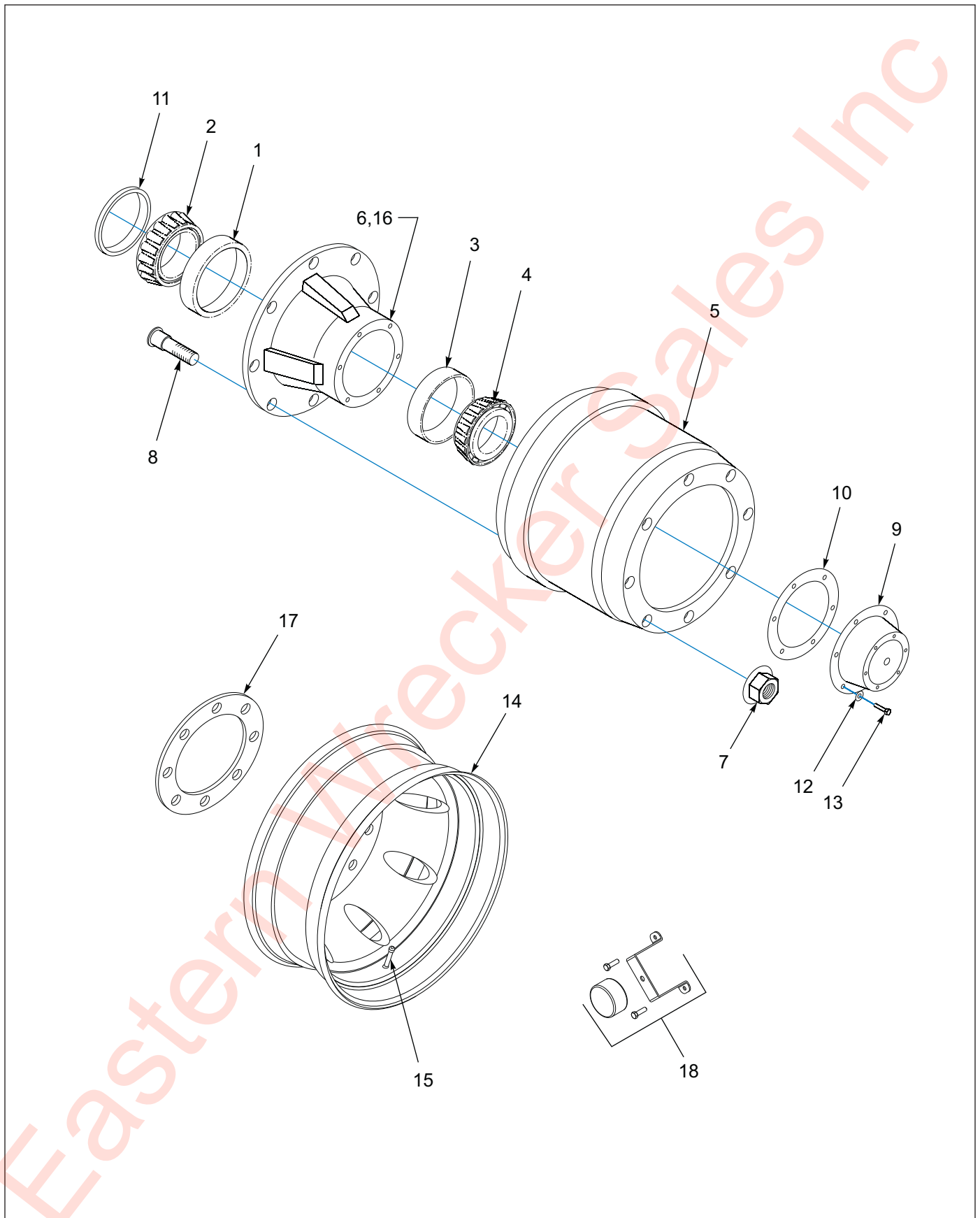


Figure 1-26: Outboard Pilot Mount Hub and Drum

Outboard Pilot Mount Hub and Drum

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	63680	OUTBOARD MOUNTED BRAKE DRUM - 8 BOLT	1
5	110976	OUTBOARD MOUNTED BRAKE DRUM - 10 BOLT	1
6	112492	HUB, 8 BOLT	1
6	110975	HUB, 10 BOLT	1
7	179955	FLANGE NUT, 8 BOLT	8
8	113536	STUD, 22MM 3.5 STANDOUT	8
9	4009	CAP, HUB	1
10	3067	GASKET, OIL CAP	1
11	3-659-010012	SEAL	1
12	1-861-010034-10	WASHER, SPLIT LOCK 5/16	6
13	1-654-010049-03	SCREW, HEX HEAD CAP, 5/16-18 X 3/4 GR5	6
14	100402	WHEEL POL ALUM PILOT 17.5X6.75, 8 BOLT	1
14	3-870-010097	WHEEL, DISC, PILOT MT 17.5X6.75, 8 BOLT	1
14	112047	WHEEL AL PILOT 17.5X6.75 MACH, 8 BOLT	1
14	3-870-010104	WHEEL, DISC PILOT MT 22.5X7.50, 10 BOLT	1
14	3-870-010106	WHEEL, AL, PILOT MT 22.5X7.50, 10 BOLT	1
14	3-870-010116	WHL, ALM, PLT MT 22.5X7.50, 10 BOLT	1
15	TR573	VALVE STEM	1
15	100401	VALVE STEM TR553C	1
15	TR545D	VALVE STEM	1
15	1-843-010014	VALVE STEM, EXTENSION 3"	1
16	-----	ABS TONE RING (REPLACE WITH BRAKE DRUM)	1
17	114619	WHEEL GUARD 8 HOLE 275 MM BC (USED W/ ALUMINUM)	1
17	3-870-010107	WHEEL GUARD 10 HOLE 285.75 MM BC	1
18	142550	HUBODOMETER W/ BRACKET, 235/75R17.5 TIRE	1
18	137108	HUBODOMETER W/ BRACKET, 255/70R 27.5 TIRE	1
18	123882	SPACER, WHEEL .375 X 10 HOLE HUB PILOT	1

Tire Inflation System

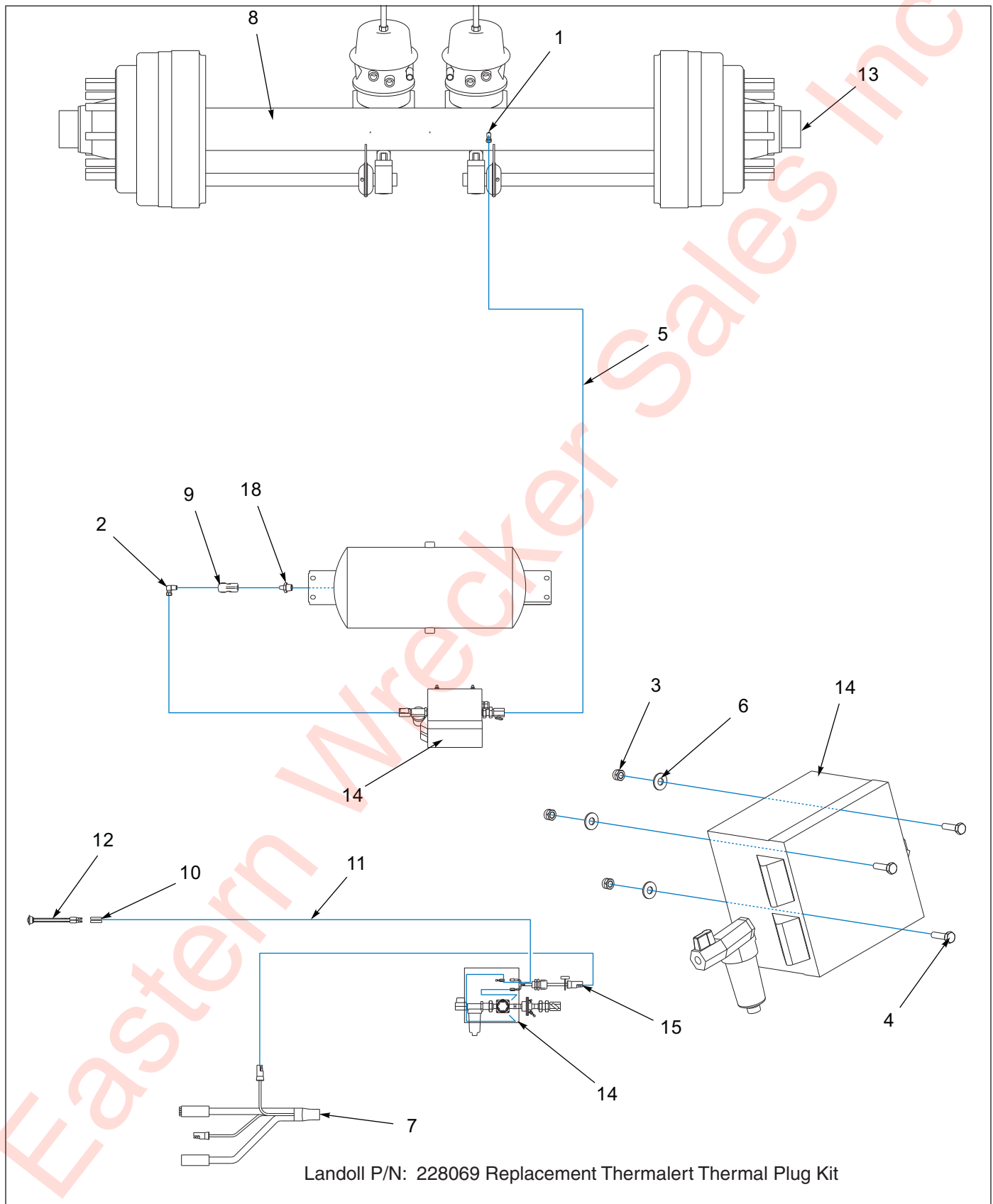


Figure 1-27: Tire Inflation System

Tire Inflation System

ITEM	PART NO.	DESCRIPTION	QTY.
	201034	SUSP ASSEMBLY 343A 2512 THERM TIS (REF. ONLY)	
	201037	SUSP ASSEMBLY 343A 2516 THERM TIS (REF. ONLY)	
1	1-297-010008-05	FITTING, AIR, 90, 1/4TUBEX1/8NPT	1
2	1-297-010008-07	FITTING, AIR, 90, 1/4 TUBE X 1/4 NPT	1
3	1-512-010005-01	NUT, HEX, SLFLKG, 1/4-20 UNC, GRB	3
4	1-654-010047-06	SCREW, HEX, 1/4-20UNCX1 GR5	3
5	1-833-010001	TUBING, NYLON 1/4 OD	REF
6	1-861-010032-07	WASHER, FLAT, ZP/CD, 1/4W	3
7	143103	HARNESS, E-CHAIN GROTE	1
8	164428	AXLE WLDMT 2516 SPG 75X36	1
9	168610	THERMALERT PRESSURE PROTECTION VALVE	1
10	168613	THERMALERT WIRING HARNESS	1
11	176473	HARNESS KIT, TIRE INFL 400/900	1
12	183413	LIGHT WHT LED, .75 CL/MK GROTE	1
13	197613	HUB CAP MTIS OIL AXLE	2
14	201030	THERMALERT TIS 1 AXLE	1
15	202207	HARNESS MOD, MTIS POWER HARNESS	1
16	205836	ORANGE WARNING DECAL MTIS	1
17	205837	YELLOW WARNING DECAL MTIS	2
18	2083-8-4S	NIPPLE, 1/4NPT X 1/2NPT	1
19	213333	PLUG, SPINDLE END (USED W/O TIRE INFLATION SYSTEM)	REF

Gearboxes

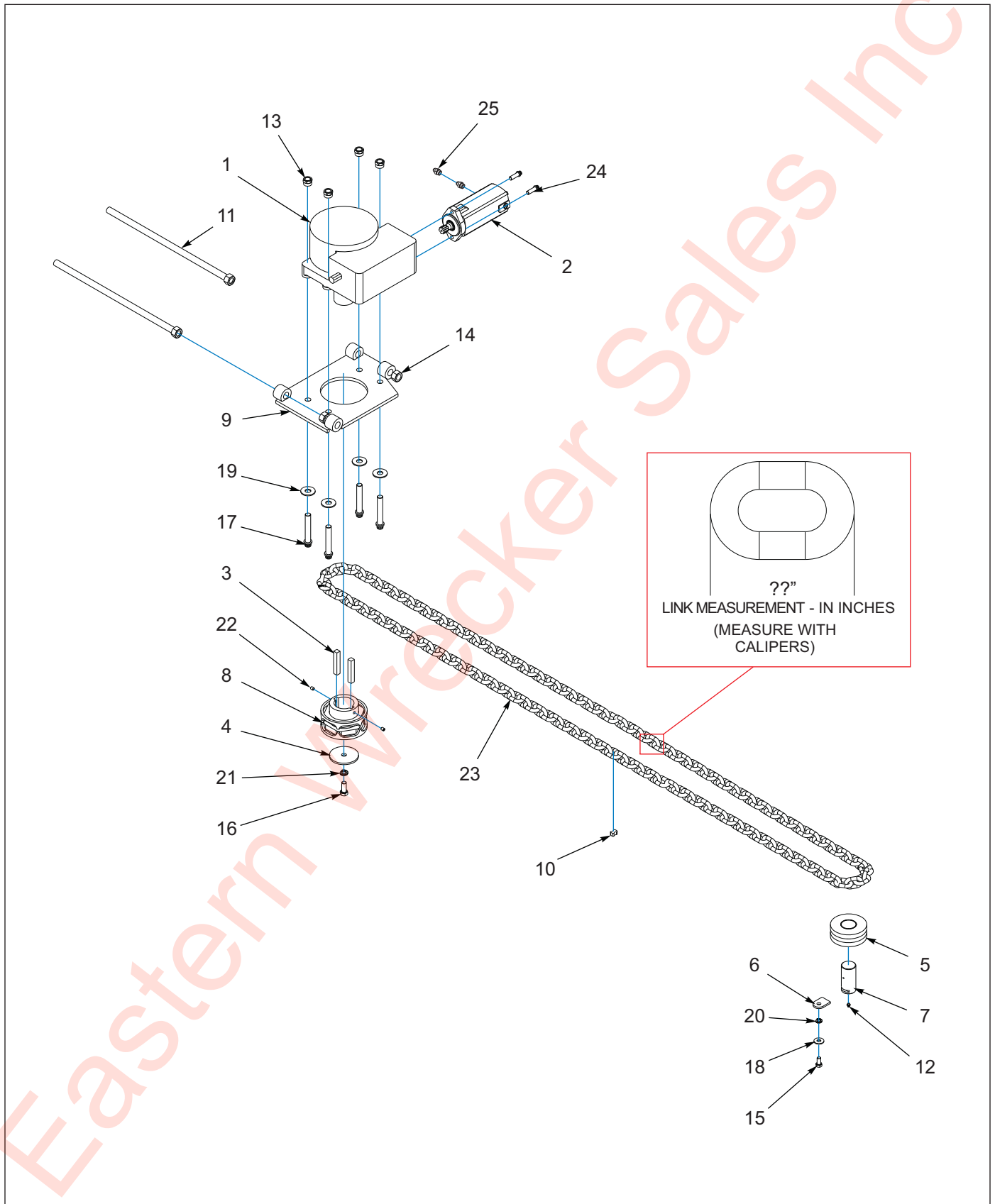


Figure 1-28: Gearbox Assembly

Gearbox Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	129215	GEARBOX ASSEMBLY, 340 TRL (REF. ONLY)	
	180898	GEARBOX ASSEMBLY, 343-43 TRL (REF. ONLY)	
	131256	GEARBOX ASSEMBLY, 340-50 TRL (REF. ONLY)	
1	126858	GEARBOX, BRADEN	1
2	126973	MOTOR FOR BRADEN GEARBOX	1
3	127598	SQUARE ROD, 5/8 X 3-3/4	2
4	128713	WASHER, KEEPER CHAIN GEAR	1
5	128801	IDLER, LOG CHAIN 1/2	1
6	128802	STOP, IDLER PIN	1
7	128803	PIN, IDLER LOG CHAIN	1
8	142164	BUSHING, CHAIN SPROCKET, 1/2 IN USED W/ 2-5/8 TO 2-11/16 LONG CHAIN LINKS (CONTACT PDC FOR SPECIFIC DETAILS)	1
8	169359	BUSHING, CHAIN SPROCKET, 1/2 IN USED W/ 2-11/16 TO 2-3/4 LONG CHAIN LINKS (CONTACT PDC FOR SPECIFIC DETAILS)	1
9	129203	ANCHOR WELDMENT, GEARBOX ADJ	1
10	129214	SPLICE, CHAIN 1/2	1
11	129217	ROD WELDMENT 7/8-9 X 25	2
12	1-298-010001-1	FITTING, GREASE 1/4-28	1
13	1-512-010005-15	NUT, HEX LOCK 3/4-10 GRB	4
14	1-512-010007-13	NUT, HEX 7/8-9 GRB	2
15	1-654-010055-01	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	1
16	1-654-010059-03	SCREW, HEX HEAD CAP 5/8-11 X 1-1/2 GR5	1
17	139345	SCREW, 12 PT 3/4-10 X 4-1/2	4
18	1-861-010032-15	WASHER, FLAT 1/2W	4
19	1-861-010032-21	WASHER, FLAT 3/4W	4
20	1-861-010034-13	WASHER, SPLIT LOCK 1/2	1
21	1-861-010034-15	WASHER, SPLIT LOCK 5/8	1
22	110-3494	SET SCREW, SOCKET HEAD 3/8-16 X 1/2	2
23	183672	CHAIN 1/2 X 1032 GRD7 (USED ON 180898, CONTACT PDC)	1
23	159685	CHAIN 1/2 X 1104 GRD7 (USED ON 129215, CONTACT PDC)	1
23	159688	CHAIN 1/2 X 1200 GRD7 (USED ON 131256, CONTACT PDC)	1
24	130127	SCREW, 12 PT FLANGE 1/2-13 X 1-1/2	2
25	202702-10-8S	ADAPTER, #10 O-RING, #8 TUBE	2
26	61258	SEAL KIT IS FOR MOTOR #126973 (NOT SHOWN)	1

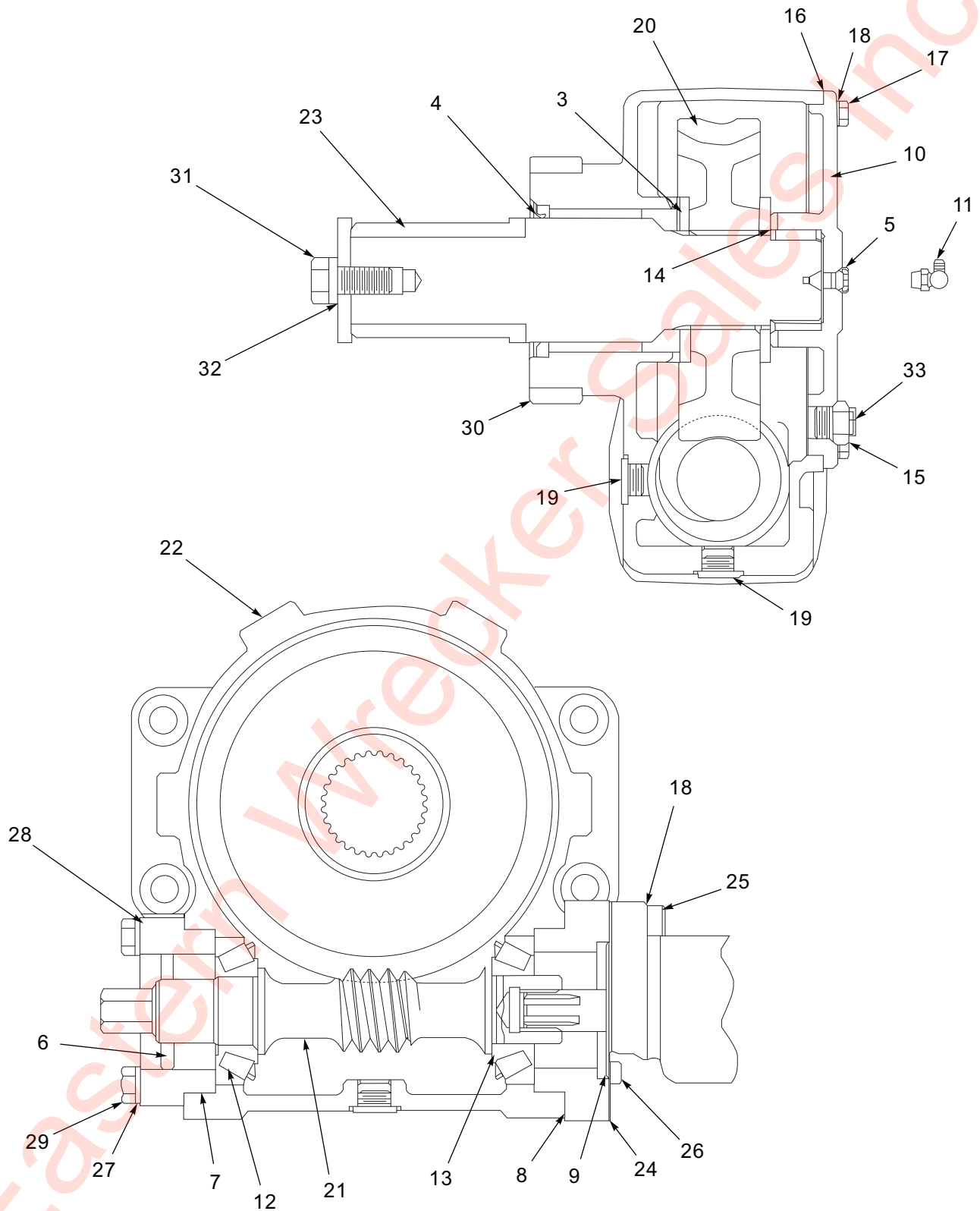


Figure 1-29: Gearbox Items

Gearbox Items

ITEM	PART NO.	DESCRIPTION	QTY.
	126858	GEARBOX	
1	130346	WORM HOUSING BUSHING	1
2	130347	WORM HOUSING COVER BUSHING	1
3	216575	RETAINING RING	2
4	216574	SEAL	1
5	216585	PIPE PLUG	1
6	216582	SEAL	1
7	216569	O-RING	2
8	216570	SHIM	2
9	216578	GASKET	1
10	216559	COVER, WORM HOUSING	1
11	216560	ZERK	1
12	216561	BEARING CUP	2
13	216562	BEARING CONE	2
14	216563	RETAINING RING	1
15	216564	REDUCER STR THD ADAPTER	1
16	216565	WORM COVER GASKET	1
17	216566	CAPSCREW	6
18	216567	LOCKWASHER	6
19	216568	16496-8 PLUG, O-RING FLUSH	2
20	216571	WORM GEAR (30:1 UT12C)	1
21	216572	WORM	1
22	216573	HOUSING, WORM (WR50-LS)	1
23	216576	OUTPUT SHAFT	1
24	216577	ADAPTER, MOTOR	1
25	216579	CAPSCREW	2
26	216580	LOCKWASHER - HIGH COLLAR	4
27	216581	LOCKWASHER	2
28	216583	RETAINER, BEARING	1
29	216584	CAPSCREW	4
30	216586	PILOT RING	1
31	216587	LOCKWASHER	1
32	216588	30-245 CPSTN RET WASHER	1
33	130350	RELIEF VALVE	1
34	216589	SEAL KIT FOR 126858 (NOT SHOWN)	REF

Container Assemblies, Chains & Stops

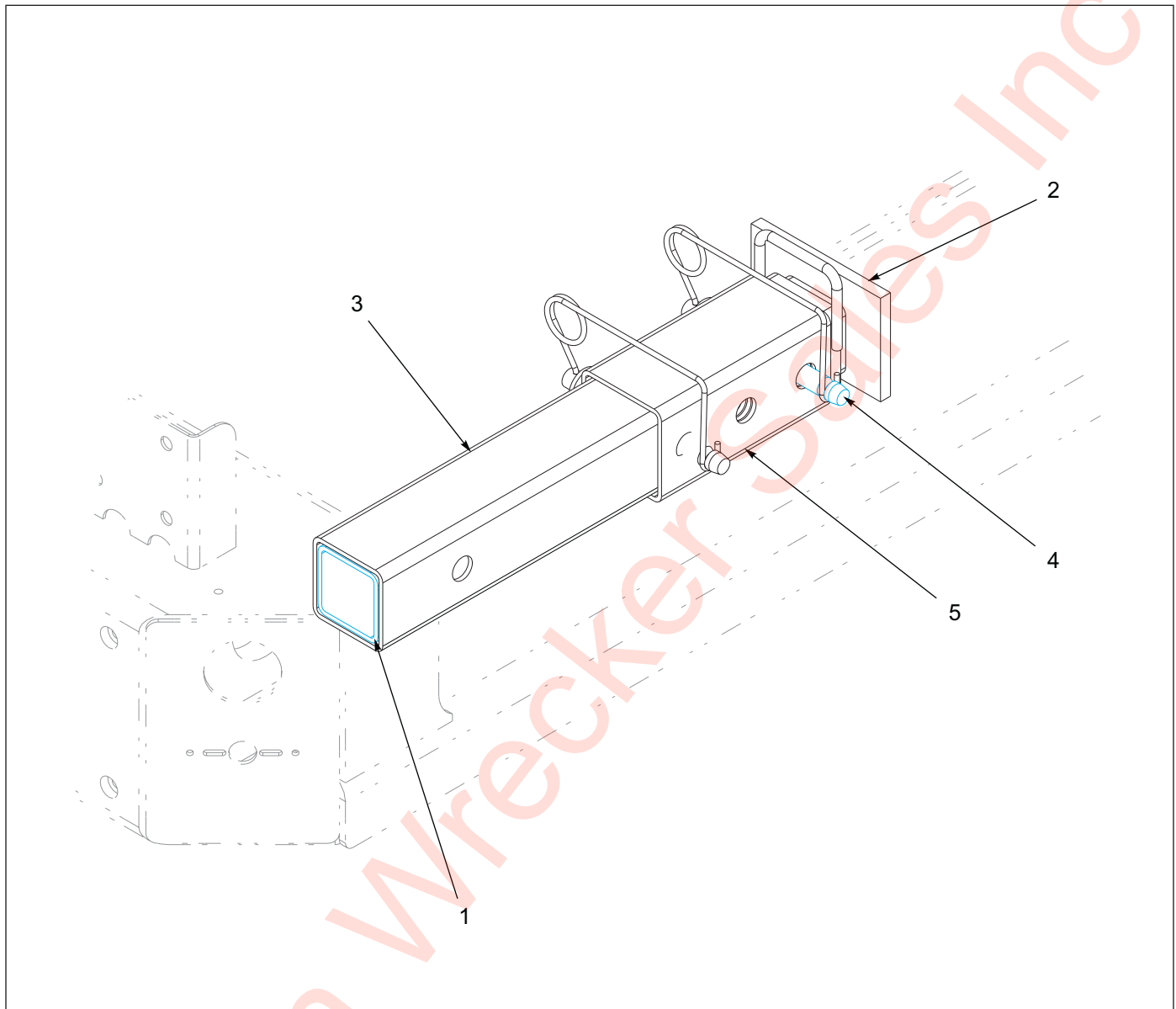


Figure 1-30: Adjustable Stop Assembly

Adjustable Stop Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	187965	ADJUSTABLE STOP ASSEMBLY	
1	187963	TUBE, INSTALLATION, ADJ, STOP	REF
2	3-829-010327	TUBE, WELDMENT, 3' ADJ, STOP	2
3	3-829-010329	TUBE, WELDMENT, 3-1/2 ADJ, STOP	2
4	346SL	PIN, HITCH LOCK	4
5	3-829-010330	TUBE, 4 IN. ADJ STOP, 330 (WELDED TO TRAILER DECK)	REF

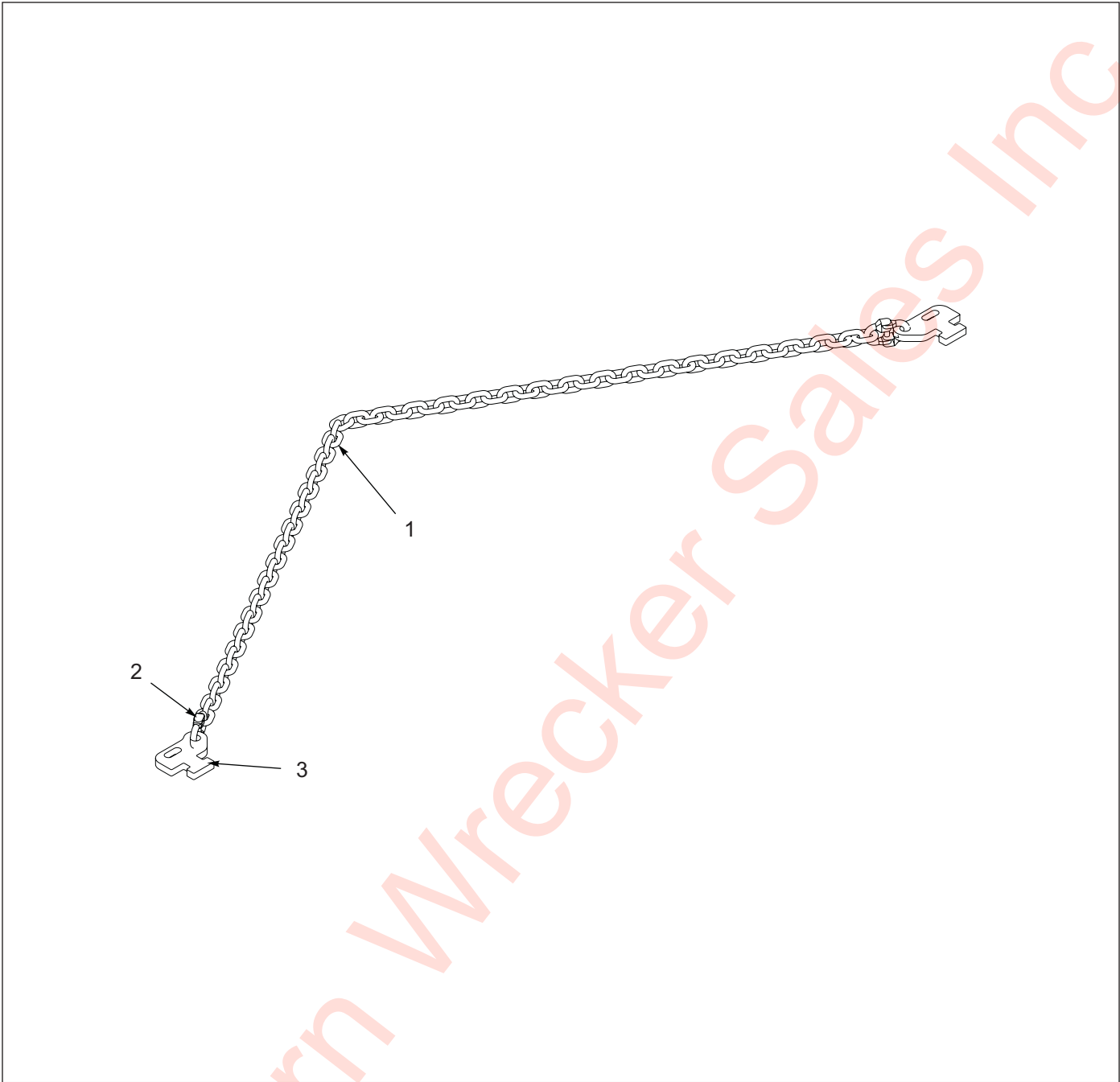


Figure 1-31: Chain Assembly -Container Load

Chain Assembly - Container Load

ITEM	PART NO.	DESCRIPTION	QTY.
	135316	CHAIN ASSEMBLY, CONTAINER LOAD	
1	3-174-010039	CHAIN, 1/2 X 87" GR 7	1
2	3-174-010038	CHAIN LINK, CONNECTING 1/2	2
3	128480	PLATE, CONTAINER CONNECT	2

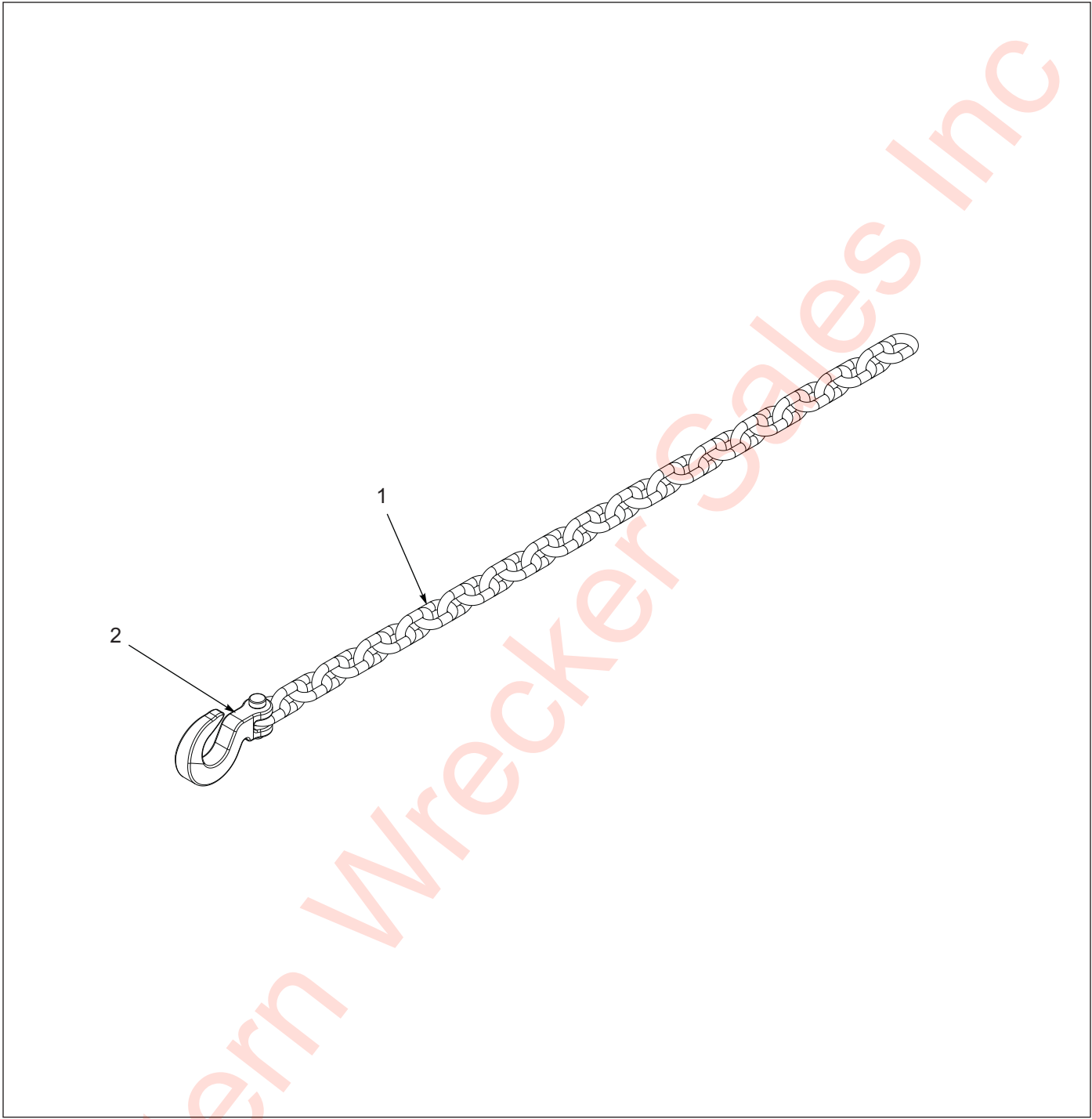


Figure 1-32: Chain and Hook Assembly

Chain and Hook Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	129938	CHAIN AND HOOK ASSEMBLY	
1	3-174-010039	CHAIN 1/2 GR7	42 IN.
2	7HCGHT500	HOOK, CLEVIS GRAB 1/2	2

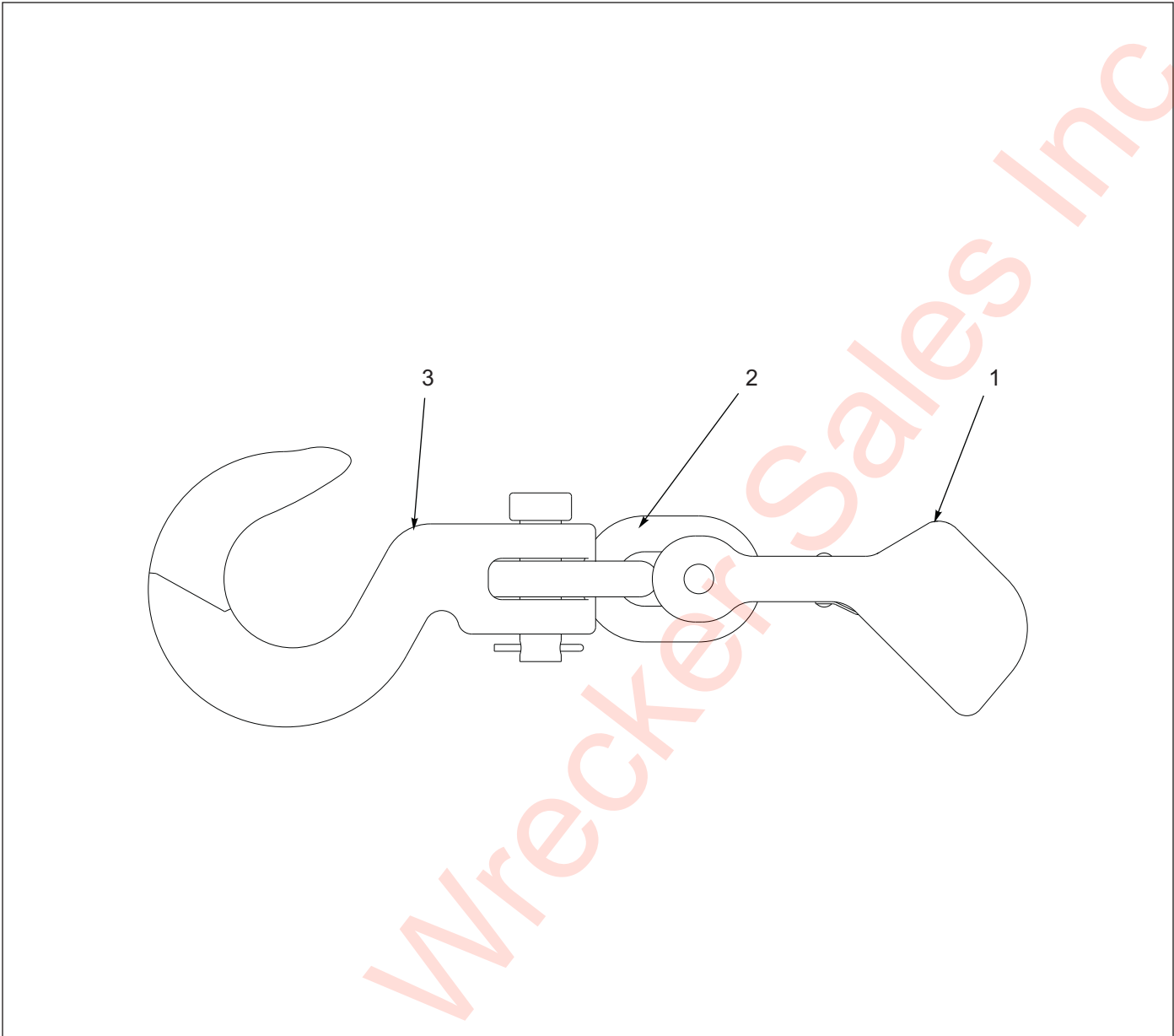


Figure 1-33: Container Assembly - Chain Connect

Container Assembly - Chain Connect

ITEM	PART NO.	DESCRIPTION	QTY.
	129209	CHAIN CONNECT/ CONTAINER ASSEMBLY	
1	128500	CHAIN SHORTENER LINK 1/2	1
2	3-174-010039	CHAIN 1/2" GR7	4"
3	7HCGHT500	HOOK CLEVIS GRAB 1/2	1

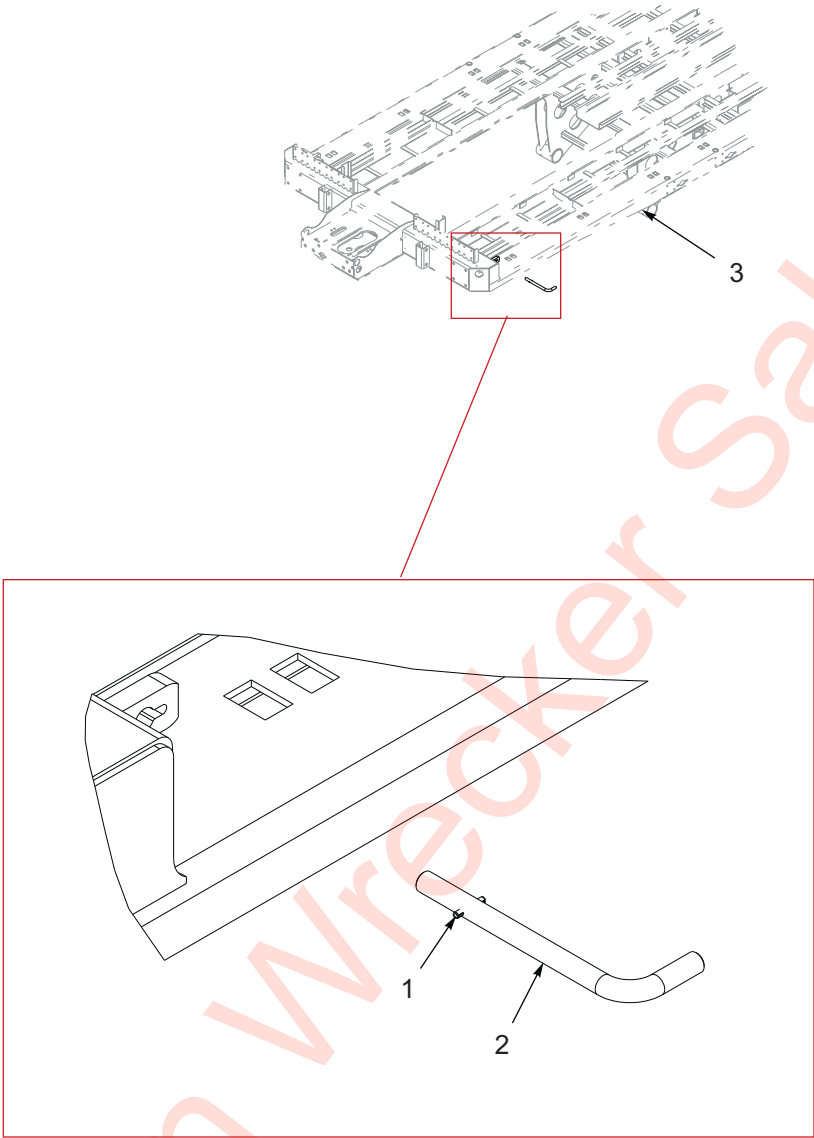


Figure 1-34: Container Assembly - Front Pair Pin

Container Assembly - Front Pair Pin

ITEM	PART NO.	DESCRIPTION	QTY.
	180255	FRON PAIR PIN CONTAINER	
1	1-647-010004217	SPRING PIN, SLOTTED 1/4 X 1-1/2	4
2	127843	PIN, TOP OFFLOAD FOOT	4
3	----	FRAME WELDMENT	REF

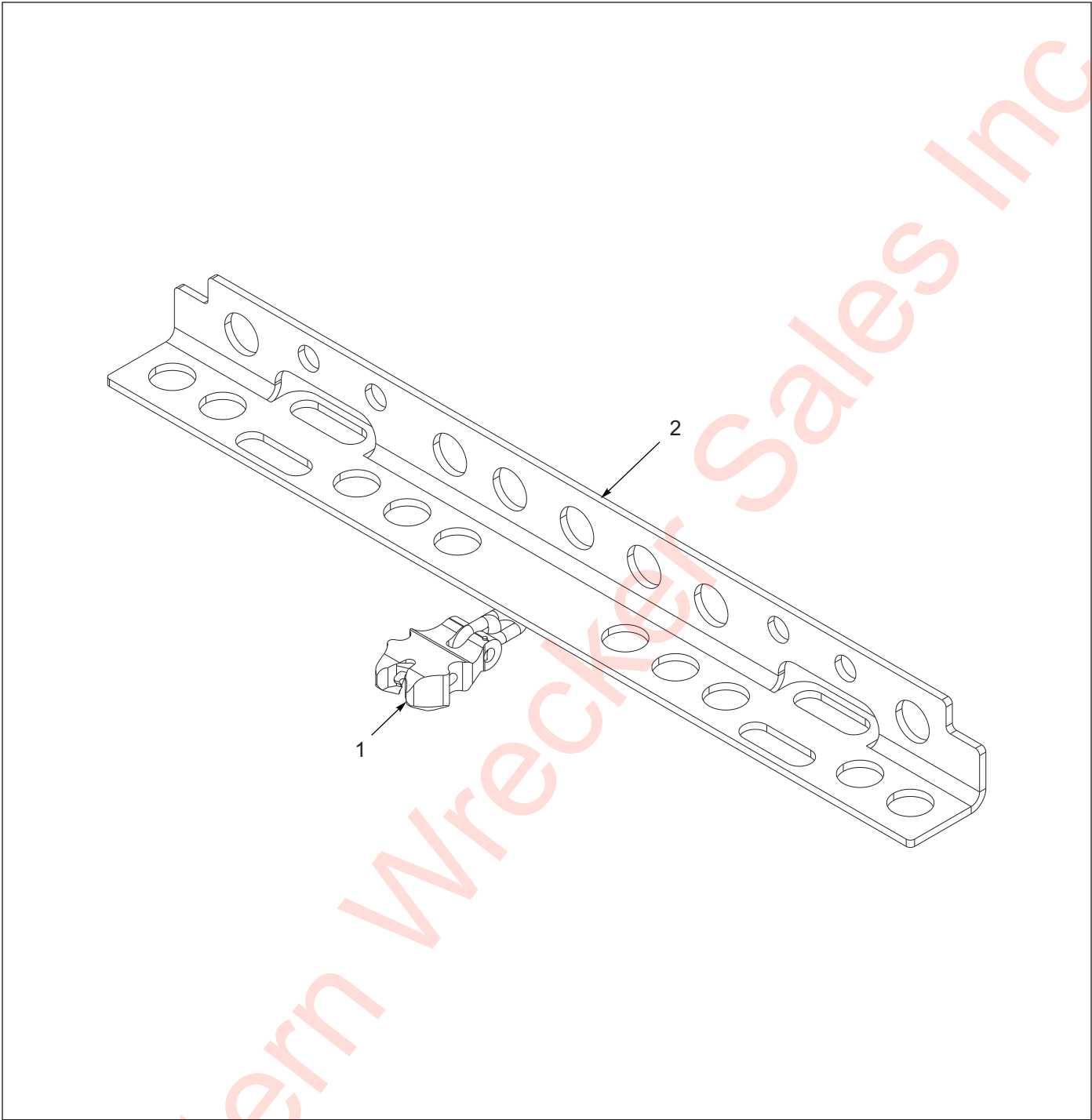


Figure 1-35: Container Assembly - Pusher

Container Assembly - Pusher

ITEM	PART NO.	DESCRIPTION	QTY.
	171210	CONTAINER PUSHER ASSEMBLY	
1	128500	CHAIN SHORTENER LINK 1/2	1
2	171211	PUSHER, CONTAINER UNLOAD	1

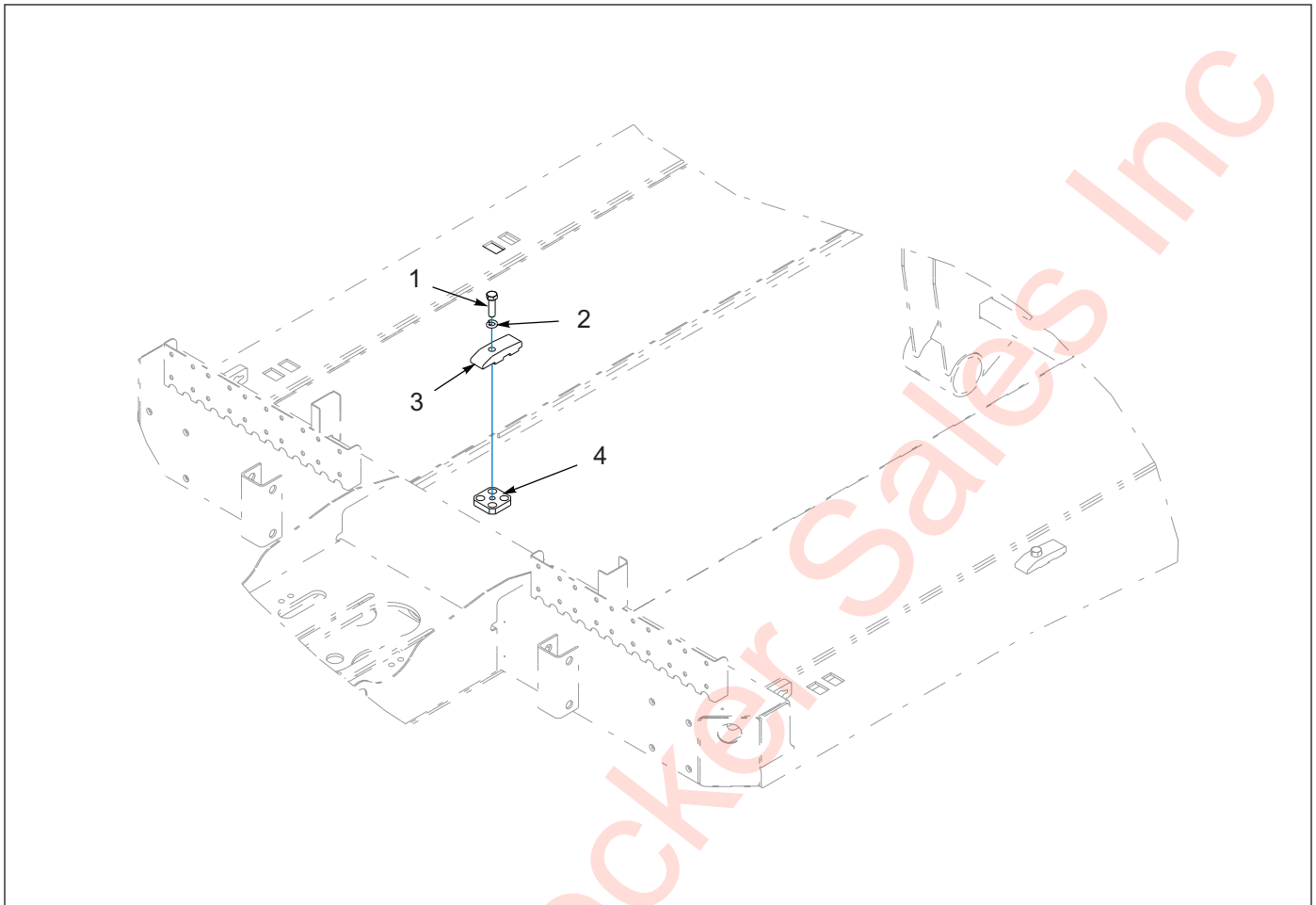


Figure 1-36: Container Stop - Front Pair

Container Stop - Front Pair

ITEM	PART NO.	DESCRIPTION	QTY.
	180265	FRONT CONTAINER STOP, PAIR	
1	1-861-010034-17	WASHER, SPLIT LOCK 3/4	4
2	104483	SCREW, HEX HEAD CAP 3/4-10 X 2-1/2 GR8	2
3	180263	STOP, FRONT CONTAINER	2
4	180264	PLATE, BOTTOM STOP CONTAINER	2

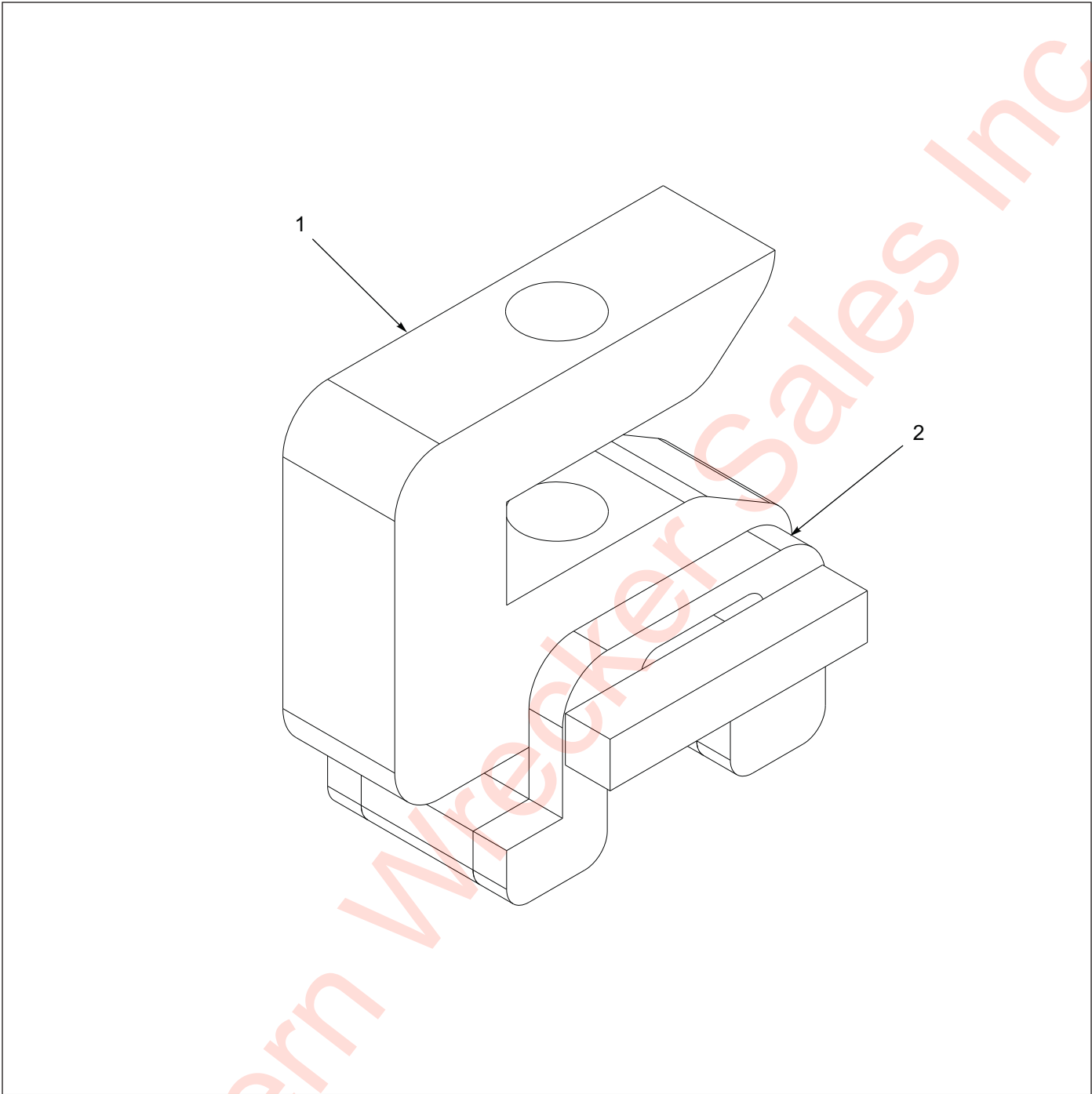


Figure 1-37: Container Stop - Front Weldment

Container Stop - Front Weldment

ITEM	PART NO.	DESCRIPTION	QTY.
	178678	CONTAINER STOP FRONT WELDMENT	
1	128481	PLATE, CONTAINER STOP, 340	1
2	178677	CONTAINER STOP REINFORCEMENT	2

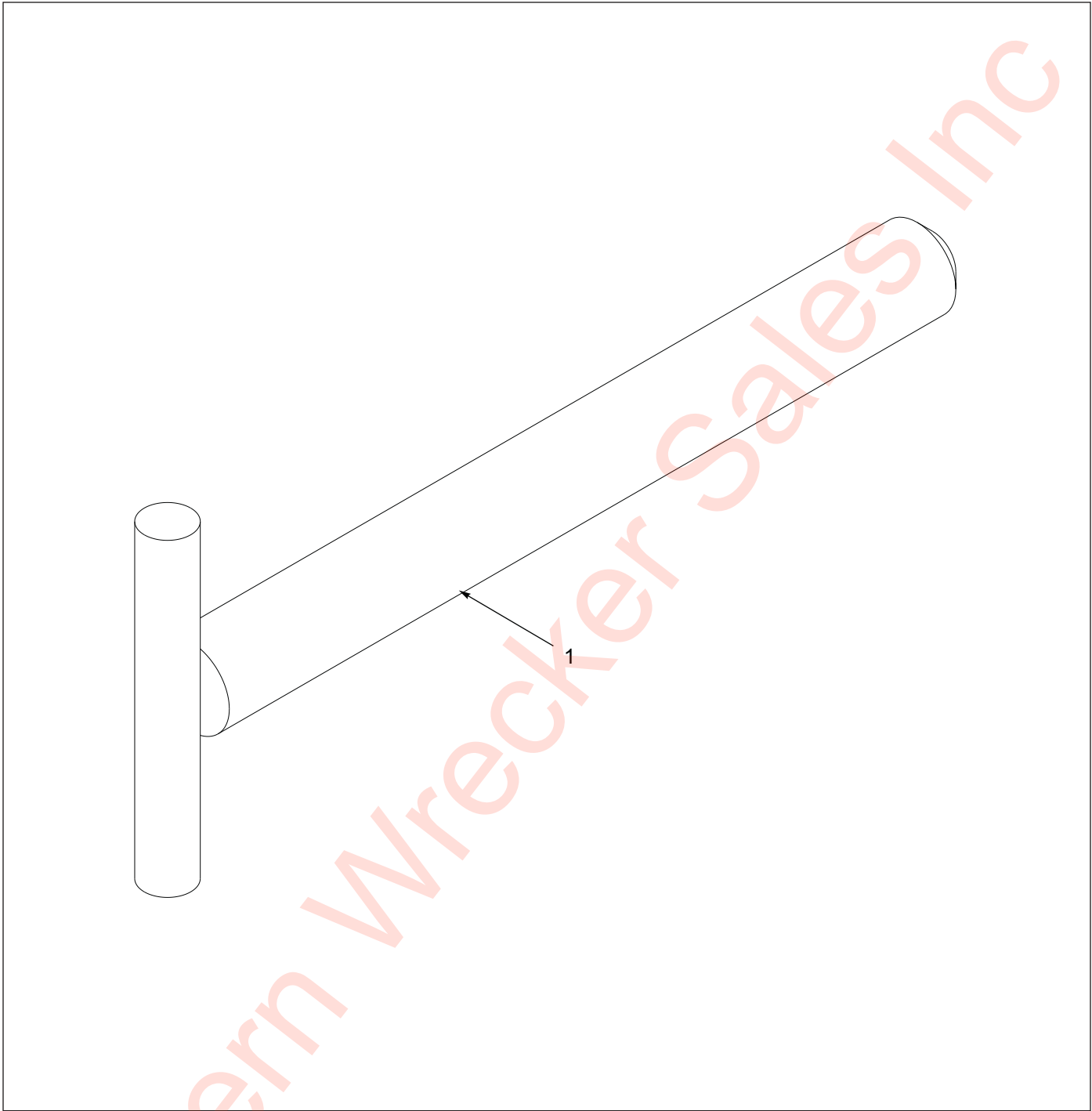


Figure 1-38: Container Stop - Pin Weldment

Container Stop - Pin Weldment

ITEM	PART NO.	DESCRIPTION	QTY.
1	128484	CONTAINER STOP PIN WELDMENT	1
	128483	PIN, CONTAINER STOP, 340	

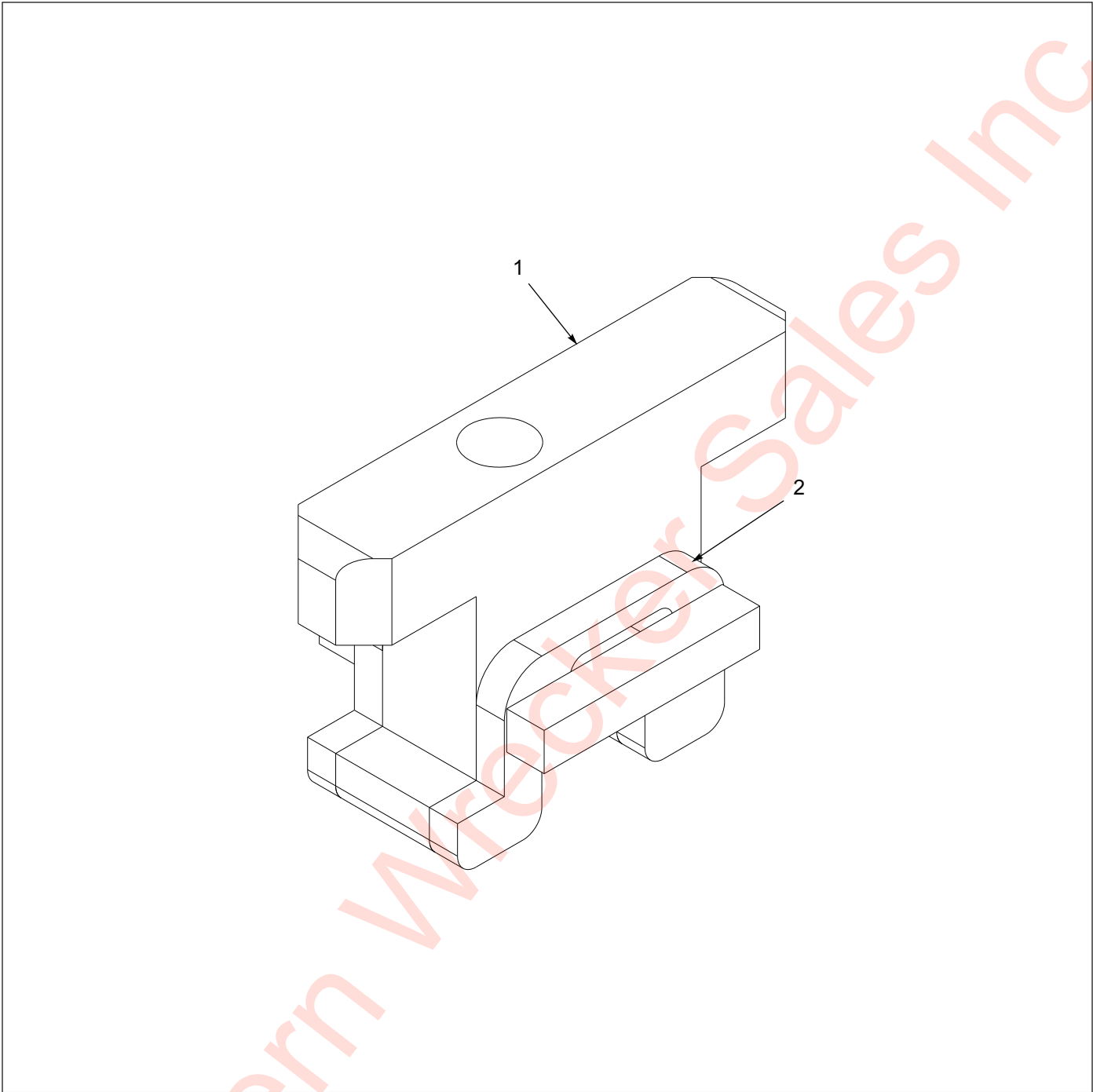


Figure 1-39: Container Stop - Rear Weldment

Container Stop - Rear Weldment

ITEM	PART NO.	DESCRIPTION	QTY.
	178679	REAR CONTAINER STOP WELDMENT	
1	127319	STOP, CONTAINER 330	1
2	178677	CONTAINER STOP REINFORCEMENT	2

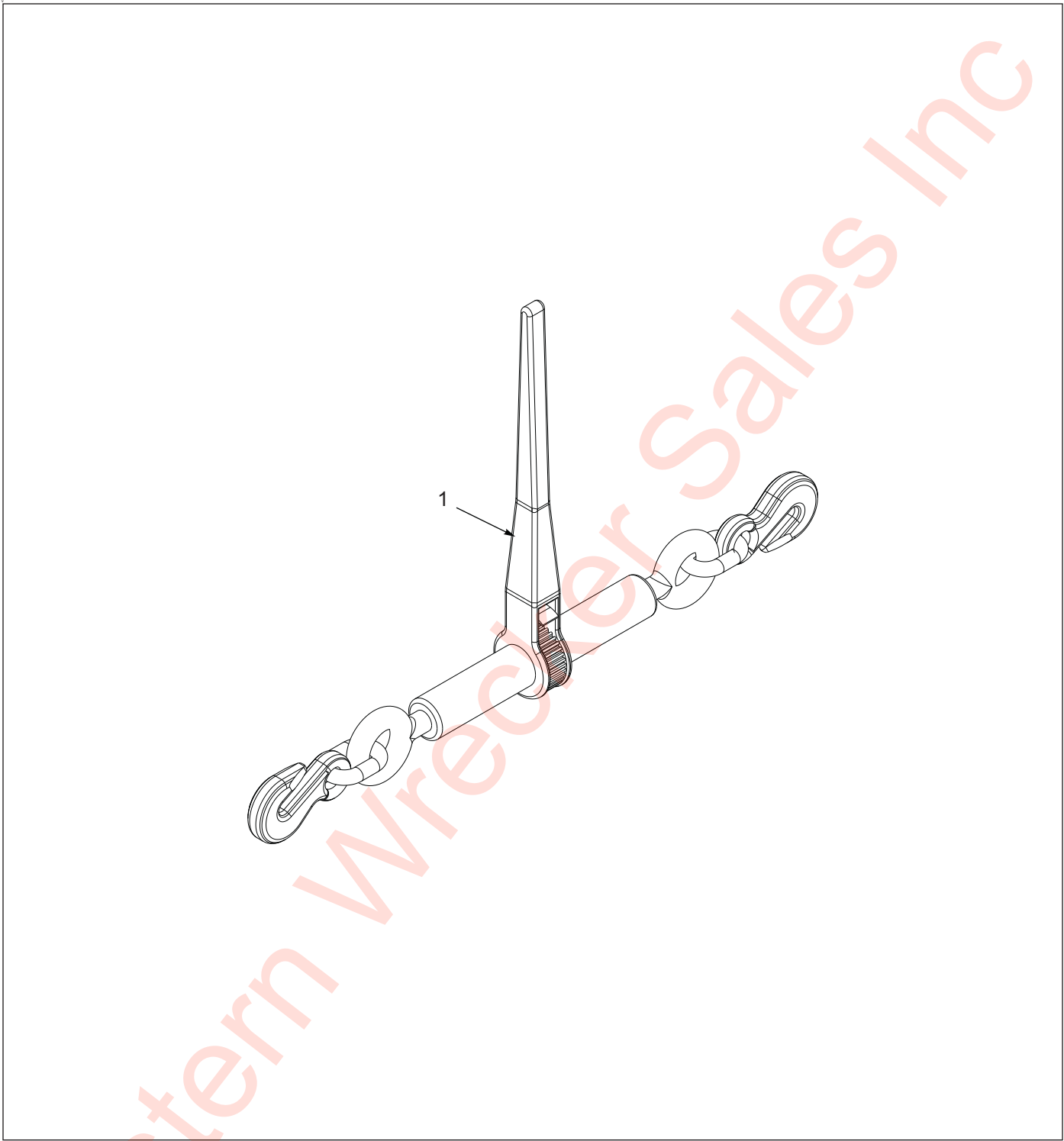


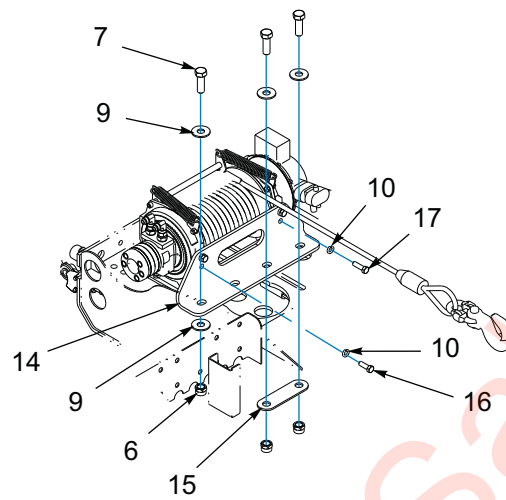
Figure 1-40: Load Binder - 3/8 Ratchet Style

Load Binder - 3/8 Ratchet Style

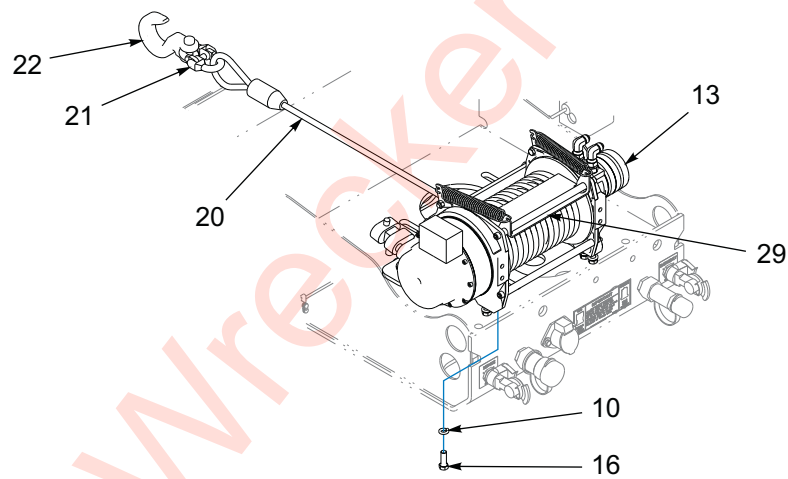
ITEM	PART NO.	DESCRIPTION	QTY.
1	130093	LOAD BINDER 3/8 RATCHET STYLE	2

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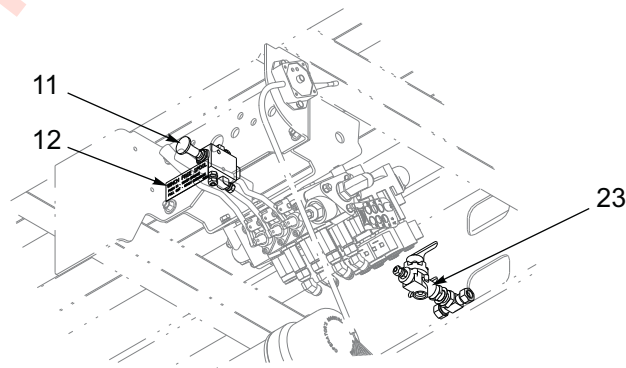
Winches



GENERAL ASSEMBLY



GENERAL ASSEMBLY



PUSH VALVE & PROTECTION VALVE LOCATION

Figure 1-41: Winch Installation - 12K (WARN) (1 of 2)

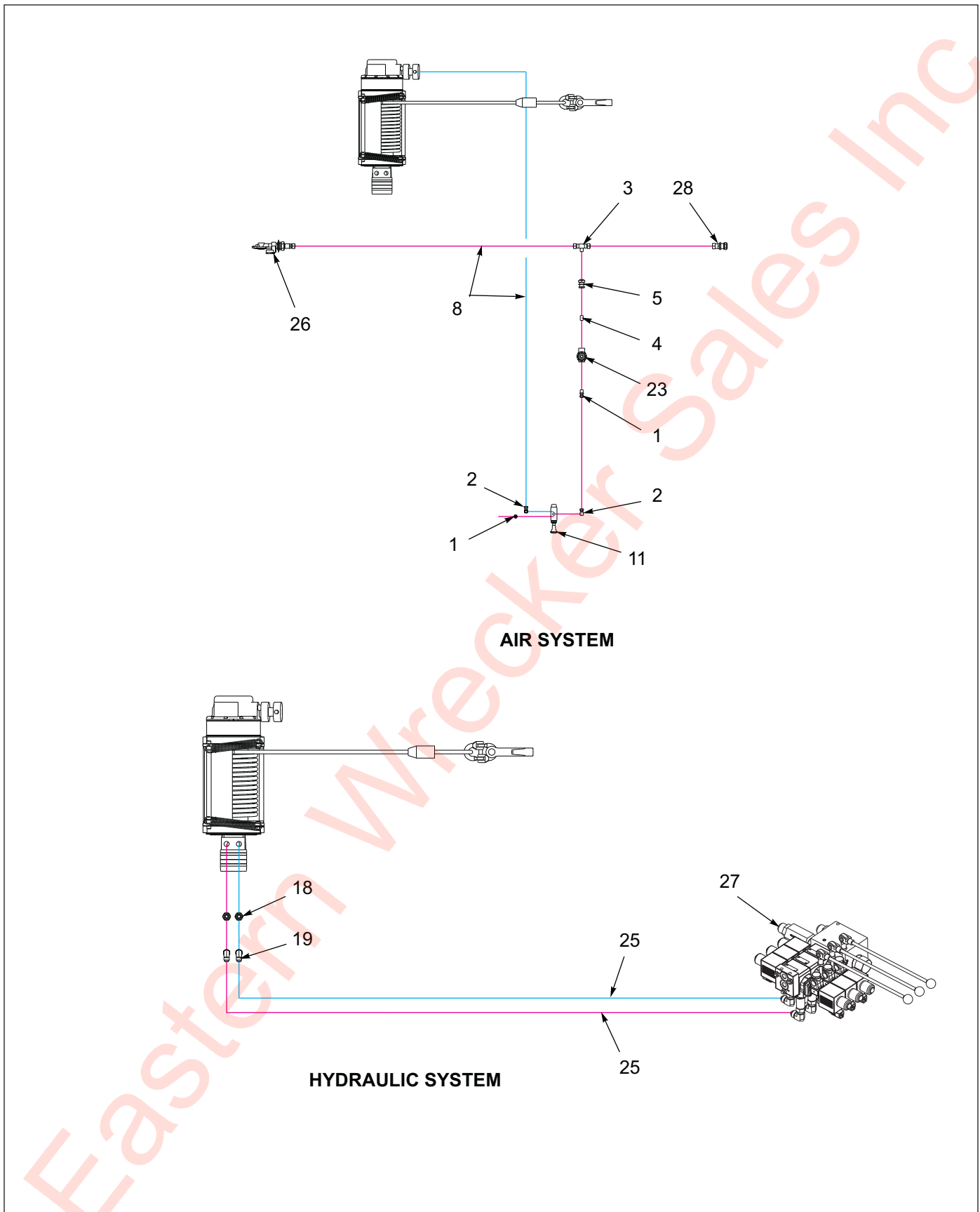


Figure 1-42: Winch Installation - 12K (WARN) 2 of 2

Winch Installation - 12K (WARN)

ITEM	PART NO.	DESCRIPTION	QTY.
	180908	WINCH, 12K WARN, 343	
1	1-297-010007-05	FITTING, AIR	2
2	1-297-010008-07	FITTING, AIR 90	2
3	1-297-010015-09	FITTING, BRASS PIPE TEE	1
4	1-297-010020-02	FITTING, BRASS PIPE HEX	1
5	1-297-010022-02	FITTING, AIR ANCHOR, CPLG, 1/4 NPT	1
6	1-512-010005-15	NUT, HEX, SLFLKG, 3/4-10 UNC, GRB	3
7	1-654-010061-06	SCREW, HEX, 3/4-10 UNC X 2-1/4, GR5	3
8	1-833-010001	TUBING, NYLON 1/4 OD	20'
9	1-861-010032-21	WASHER, FLAT, ZP/CDE, 3/4W	4
10	1-861-010034-13	LOCK WASHER, 1/2"	8
11	194439	VALVE, 3 WAY/2 POSITION	1
12	135184	DECAL, WINCH FREE SPOOL	1
13	166421	WINCH, 12M WARN, WITH LW & RMTC	1
14	180282	BRACKET, FRONT 12K WARN	1
15	180907	BTM PLATE, 12K WARN MT	1
16	-----	SCREW, M12-1.75 X 35 HCS, 8.8 ZP	6
17	-----	SCREW, M12-1.75 X 40 HCS, 8.8 ZP	2
18	202702-10-8S	ADAPTER, #10 O-RING, #8 TUBE	2
19	2071-8-8S	ADAPTER, 90	2
20	3-155-010017-4	CABLE, 1/2 X 85' LENGTH	1
21	3-174-010038	CHAIN LINK, CONNECTING 1/2	1
22	7HCGHT500	HOOK, CLEVIS GRAB 1/2	1
23	905-54-107	BRAKE PROTECTION VALVE	1
24	178663	HYDRAULIC ELECTRIC AIR SYSTEM (ITEMS 8 & 25-28, REF ONLY)	1
25	128472	HOSE, HYDRAULIC 1/2" X 174"	REF
26	108801	GLAD HAND, RED, AIR	REF
27	194439	VALVE ASSY, 3-SPOOL (SEE PAGE 1-13)	REF
28	1-297-010007-15	FITTING, AIR, PIPE TO TUBE	REF
29	213120	TENSION KIT WINCH 12M WARN	1

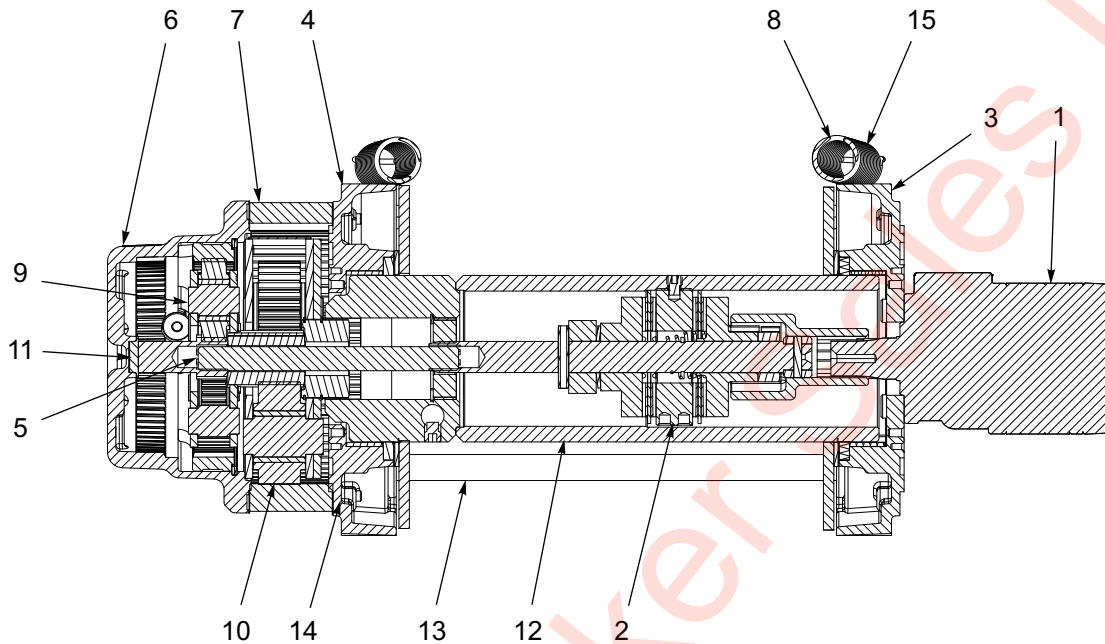
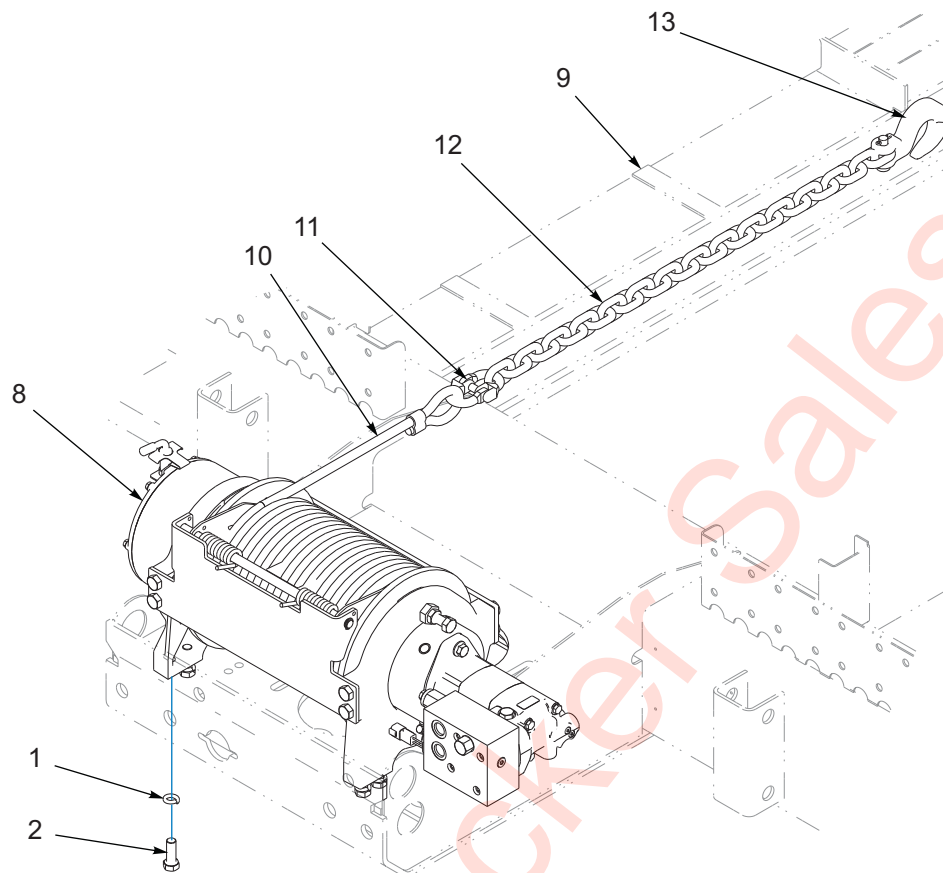
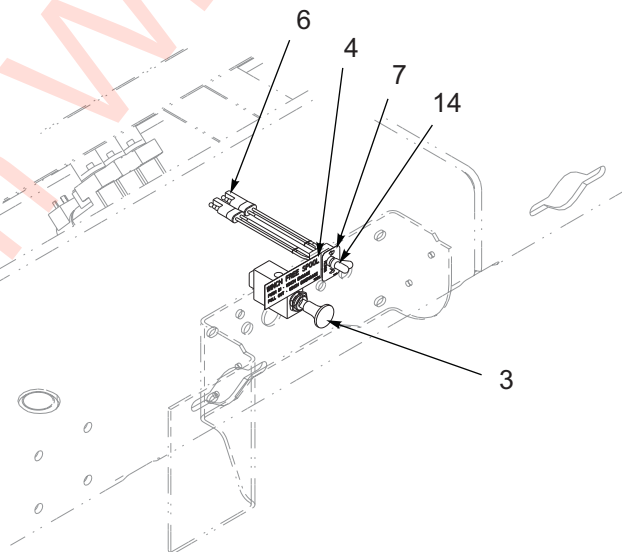
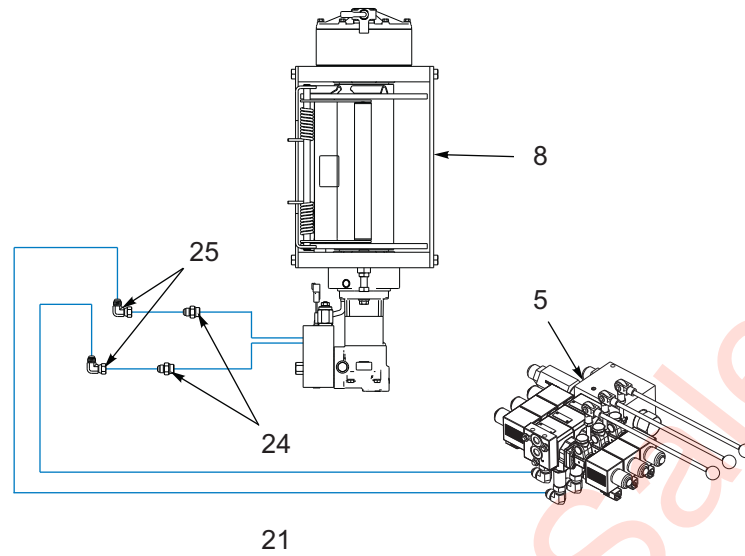


Figure 1-43: Winch items - 12K (WARN)

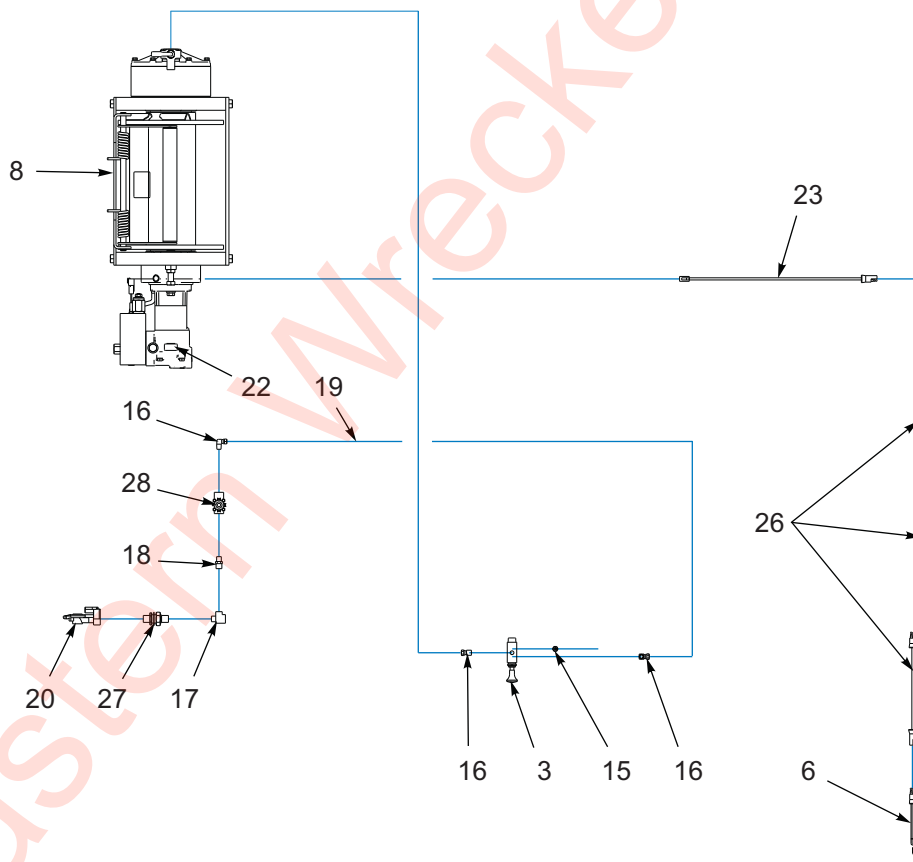
Winch Items - 12K (WARN)

ITEM	PART NO.	DESCRIPTION	QTY.
	166421	WINCH, 12M WARN W/LW & RMTC	
1	194305	MOTOR HYD 5.0CL	1
2	194306	BRAKE ASSEMBLY	1
3	194307	DRUM SUPPORT, MOTOR	1
4	194308	DRUM SUPPORT, GEAR END	1
5	194309	DRIVE SHAFT, HEX	1
6	194310	END HSG ASSY AIR	1
7	194117	GEAR RING	1
8	194118	SPRING EXTENSION, TENSIONER	2
9	194119	CARRIER, STAGE 2 M12000	1
10	194120	CARRIER, STAGE 3 4340	1
11	194121	GEAR, 15T	1
12	194122	DRUM ASSEMBLY	1
13	194123	TIE ROD	3
14	194124	GASKET, RING GEAR	2
15	213120	TENSION KIT WINCH 12M WARN	1

**WINCH ASSEMBLY****VALVE AND SWITCH LOCATION****Figure 1-44: Winch Installation - 20K 2 Speed (WARN) (1 of 2)**



HYDRAULIC SYSTEM



ELECTRICAL AND AIR SYSTEM

Figure 1-45: Winch Installation - 20K 2 Speed (WARN) (2 of 2)

Winch Installation - 20K 2 Speed (WARN)

ITEM	PART NO.	DESCRIPTION	QTY.
	178676	WINCH, 20K WARN, 2 SPD 343	
1	1-861-010034-15	WASHER, SPLIT LOCK 5/8	8
2	109740	SCREW, HEX HEAD CAP 5/8-11 X 1-3/4 GR8	8
3	134657	VALVE, 3 WAY/2 POSITION	REF
4	135184	DECAL, WINCH FREE SPOOL	REF
5	194439	VALVE REXROTH ASSY 300A (SEE PAGE 1-13)	1
6	150117	TOGGLE SWITCH, SEALED SPST	REF
7	174043	DECAL, WINCH HI/LO	1
8	174551	WARN WINCH INSTALLATION, 20K (SEE PAGE 1-73)	1
9	-----	FRAME WELDMENT	REF
10	3-155-010018-6	CABLE, 5/8 X 85'	REF
11	3-174-010038	CHAIN LINK, CONNECTING 1/2	1
12	3-174-010039036	CHAIN, 1/2 X 36	1
13	7HCGHT500	HOOK, CLEVIS GRAB 1/2	1
14	81264	RUBBER BOOT FOR ELECT SWITCH	1
15	1-297-010007-05	FITTING, AIR	1
16	1-297-010008-07	FITTING, AIR 90	3
17	1-297-010018-03	FITTING, BRASS PIPE TEE	1
18	1-297-010019-05	FITTING BRASS PIPE HEX	1
19	1-833-010001	TUBING, NYLON 1/4 OD	AR
20	108801	GLAD HAND, RED AIR	REF
21	128472	HOSE ASSEMBLY 1/2 X 374	REF
22	135184	DECAL, WINCH FREE SPOOL	REF
23	164053	HARNESS, BRANCH WORK LIGHT 102"	1
24	202702-10-8S	ADAPTER	2
25	2071-8-8S	ADAPTER, 90	2
26	3-368-010252	HARNESS ASSEMBLY, BULKHEAD LIGHT EXTENSION	4
27	55B61	FRAME UNION	REF
28	905-54-107	BRAKE PROTECTION VALVE	1

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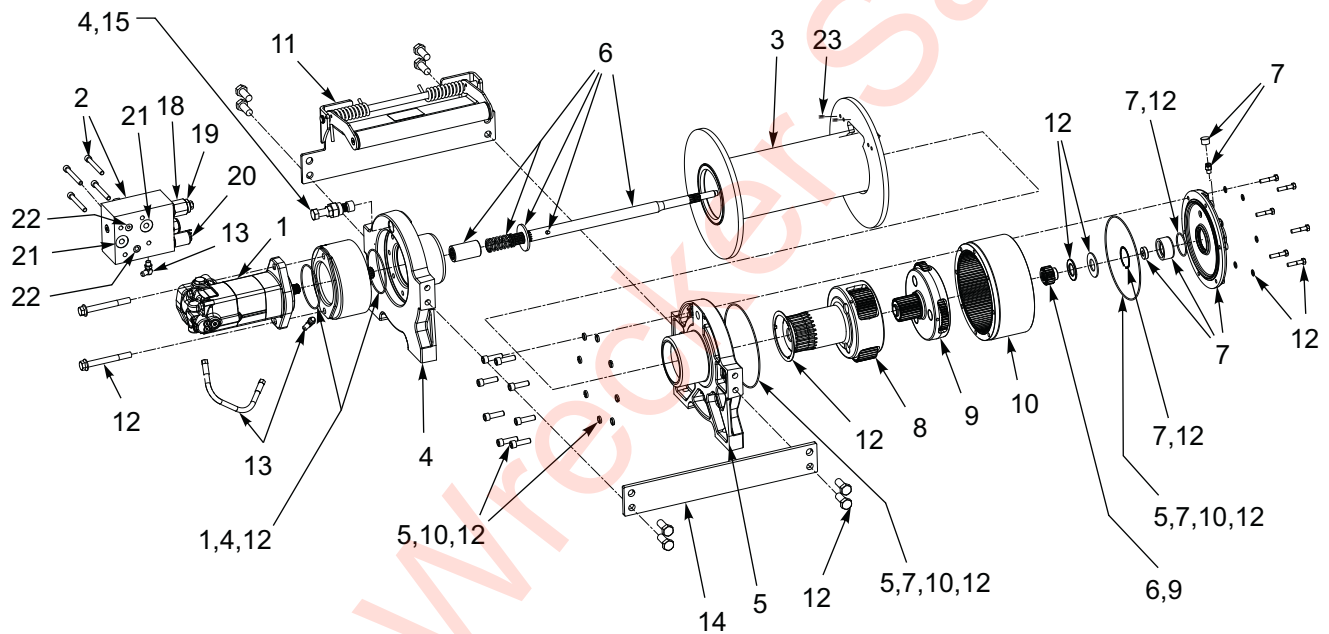


Figure 1-46: Winch Items - 20K 2 Speed (WARN)

Winch Items - 20K 2 Speed (WARN)

ITEM	PART NO.	DESCRIPTION	QTY.
	167521	WINCH, 20K WARN 2 SPEED	
1	178718	SERVICE KIT, MOTOR HYD 11.9 CI-SPD	1
2	178715	SERVICE KIT, MANIFOLD HYDRAULIC	1
3	162208	SERVICE KIT, DRUM ASSEMBLY 20K LONG	1
4	178999	SERVICE KIT, DRUM RETARDER DRUM SUPPORT	1
5	162210	SERVICE KIT, DRUM SUPPORT GEAR END	1
6	162211	SERVICE KIT, DRIVESHAFT LONG	1
7	162941	SERVICE KIT, END HOUSING ASSEMBLY AIR	1
8	162213	SERVICE KIT, CARRIER STAGE 2-6.0-4.75	1
9	162214	SERVICE KIT, STAGE 1-6.0-4.75	1
10	162215	SERVICE KIT, RING GEAR	1
11	162216	SERVICE KIT, TENSIONER LONG	1
12	179000	SERVICE KIT, HARDWARE SEAL	1
13	162218	SERVICE KIT, HOSE HYDRAULIC	1
14	162219	SERVICE KIT, TIE PLATE LONG	1
15	179001	SERVICE KIT, DRUM RETARDER	1
16	162220	SERVICE KIT, WIRE ROPE ASSEMBLY 9/16 X 245'	1
17	162207	SERVICE KIT, BRAKE ASSEMBLY	1
18	199104	SOLENOID FOR 2SP WARN, 20K-30K	1
19	201642	SOLENOID COIL	1
20	201643	OVERCENTER VALVE	1
21	201644	O-RING	2
22	201645	O-RING	2
23	201650	SET SCREW	2

Landing Gear

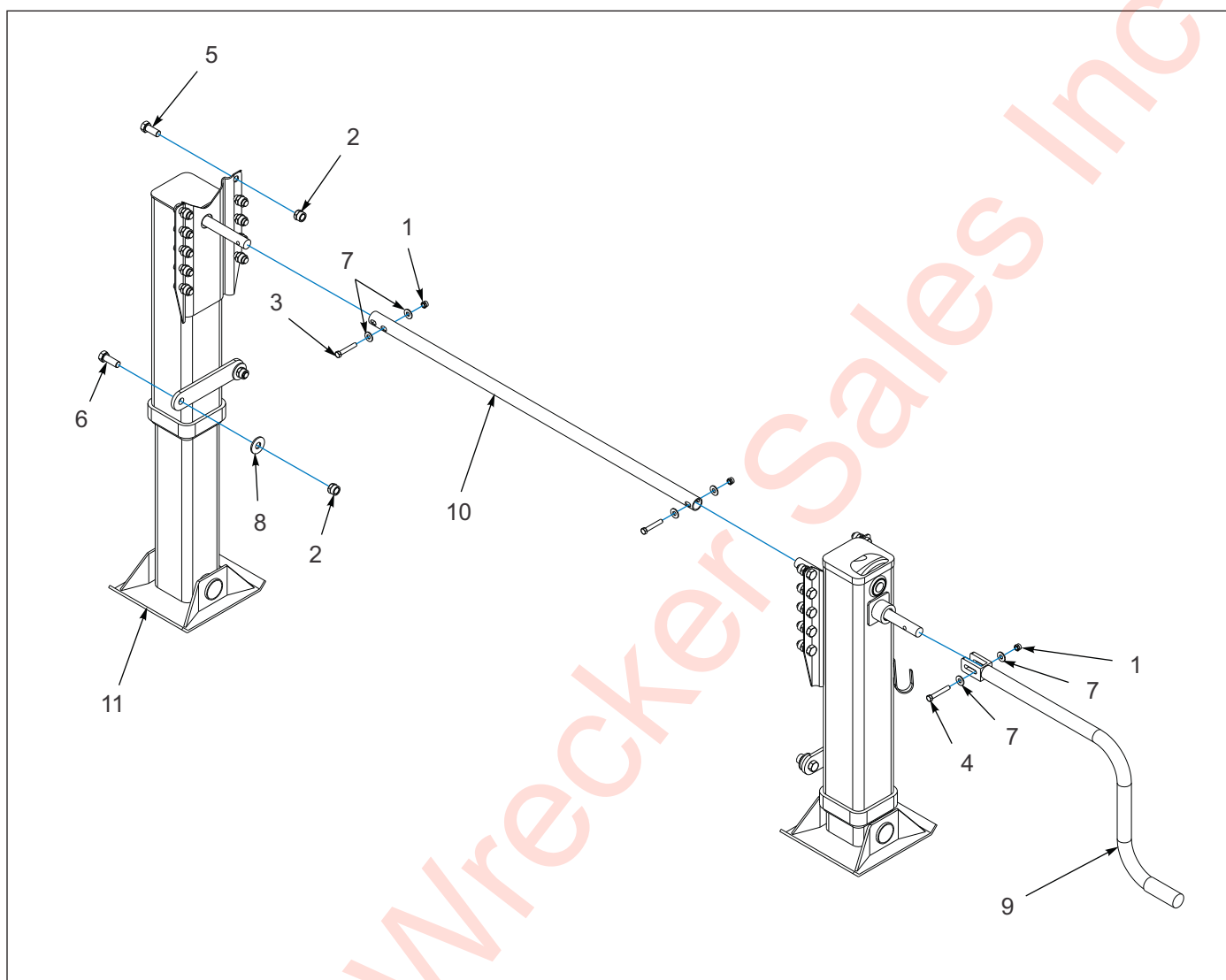


Figure 1-47: Landing Gear Installation - Jost 343

Landing Gear Installation - Jost 343

ITEM	PART NO.	DESCRIPTION	QTY.
	178658	LANDING GEAR INSTALLATION - JOST 343 ASSEMBLY	
1	1-512-010005-05	NUT, HEX LOCK 3/8-16 GRB	3
2	1-512-010005-13	NUT, HEX LOCK 5/8-11 GRB	24
3	1-654-010051-10	SCREW, HEX HEAD CAP 3/8-16 X 2-1/4 GR5	2
4	1-654-010051-11	SCREW, HEX HEAD CAP 3/8-16 X 2-1/2 GR5	1
5	1-654-010059-03	SCREW, HEX HEAD CAP 5/8-11 X 1-1/2 GR5	20
6	1-654-010059-04	SCREW, HEX HEAD CAP 5/8-11 X 1-3/4 GR5	4
7	1-861-010032-11	WASHER, FLAT 3/8W	6
8	1-861-010032-19	WASHER, FLAT 5/8W	4
9	109710	CRANK, LANDING GEAR	1
10	113883	CROSS-SHAFT, LANDING GEAR	1
11	178657	LANDING GEAR WELDMENT	1

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Ladders

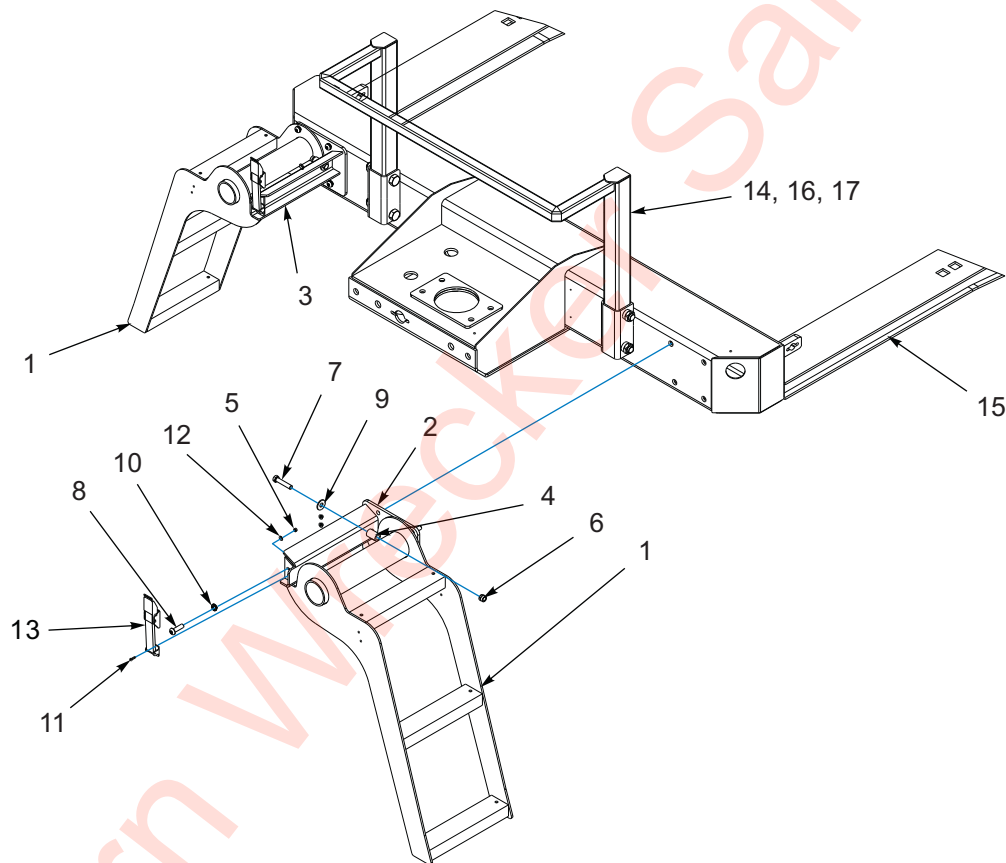


Figure 1-48: Ladder Assembly

Ladder Assembly

ITEM	PART NO.	DESCRIPTION	QTY.		
	128950	LADDER ASSEMBLY LH (REF. ONLY)	*		
	128951	LADDER ASSEMBLY RH (REF. ONLY)		*	
	182455	LADDER ASSEMBLY - PAINTED (REF. ONLY)			*
1	128819	LADDER, ALUMINUM	1	1	1
1	182454	LADDER WELDMENT SHORT - ORANGE	--	--	1
2	128942	SUPPORT WELDMENT, LADDER LH	1	--	1
3	128943	SUPPORT WELDMENT, LADDER RH	--	1	--
4	128952	TUBE, ROUND 1OD X 5/8ID X 1-1/2	1	1	1
5	1-512-010004-03	NUT, HEX LOCK #10-24 GRA	4	4	4
6	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	1	1	1
7	1-654-010055-07	SCREW, HEX HEAD CAP 1/2-13 X 2-1/2 GR5	1	1	1
8	1-654-010089-15	SCREW, SOCKET BUTTON 1/2-13 X 1-3/4	4	4	4
9	1-861-010032-15	WASHER, FLAT 1/2W	1	1	1
10	1-861-010034-13	WASHER, SPLIT LOCK 1/2	4	4	4
11	110-0116	SCREW, RD HEAD CAP #10-24 X 3/4	4	4	4
12	110-0253	WASHER, FLAT 3/16	4	4	4
13	3-443-010018	LATCH, FLEXIBLE DRAW, LEVER ASSIST	1	1	1
14	131629	GRAB BAR ASSEMBLY - FRONT (OPTION)	1	1	1
15	128199	FRAME WELDMENT	REF	REF	REF
16	131628	GRAB BAR WLDMT FRT 340	REF	REF	REF
17	188282	GRAB BAR WLDMT 343 ORANGE	REF	REF	REF

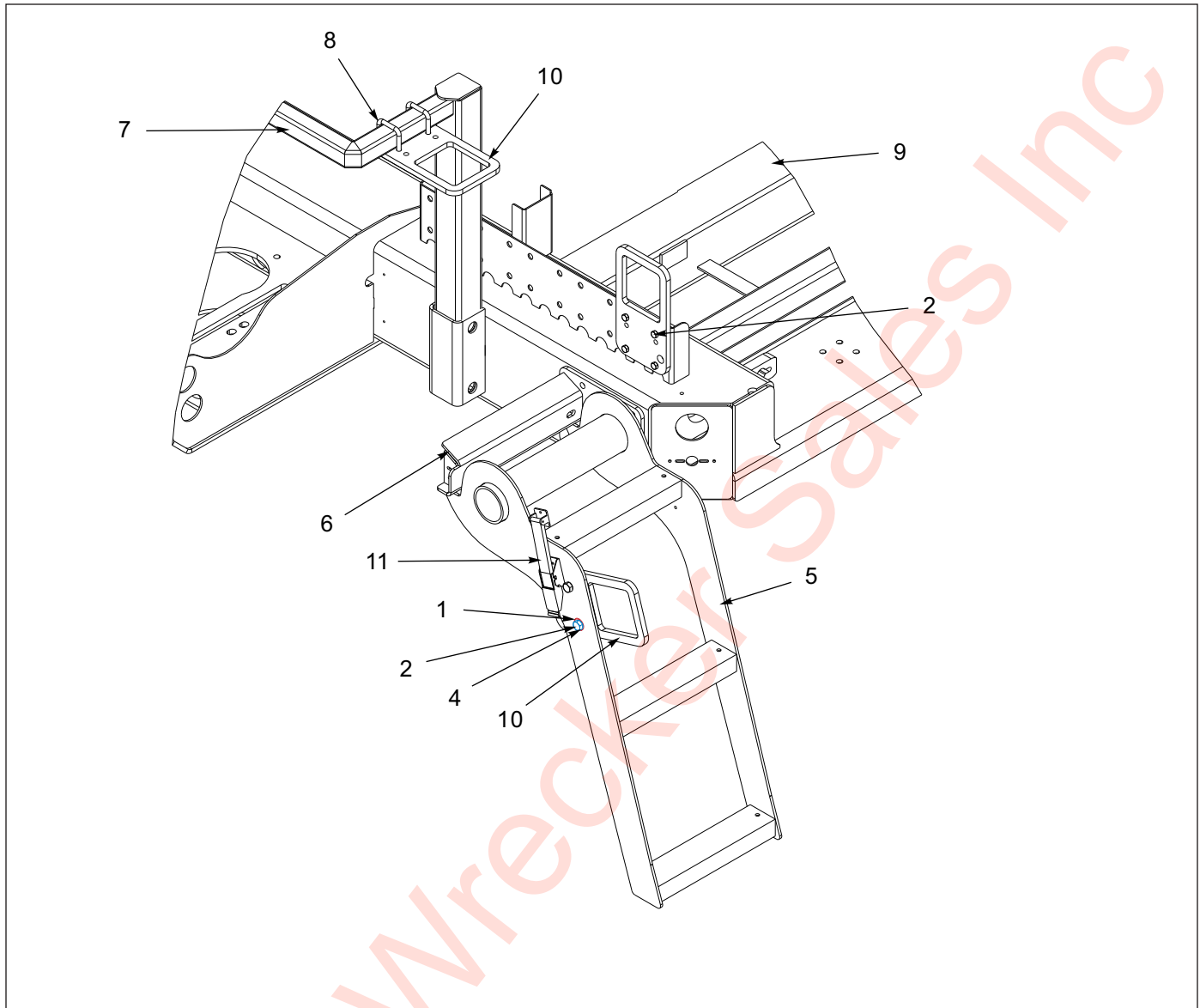


Figure 1-49: Grab Handle Assembly w/ 343 Ladder

343 Ladder Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	199109	GRAB HANDLE ASSEMBLY 343 LADDER	
1	1-512-010005-05	NUT, HEX, SLFLKG, 3/8-16 UNC, GRB	10
2	1-654-010051-06	SCREW, HEX, 3/8-16UNCX1-1/4 GR5	6
3	1-861-010032-11	WASHER, FLAT, ZP/CD, 3/8W (NOT SHOWN, USED ON HANDLES)	4
4	1-861-010034-11	WASHER, LKG, HLCL SPR, 3/8	2
5	128819	LADDER, ALUM 340	REF
6	128942	SUPPORT, WLDMT LADDER 340 LH	REF
7	131628	GRAB BAR WLDMT FRT 340	REF
8	171749	U-BOLT, 3/8-16X2-7/16X2-3/4	2
9	180913	FRAME WLDMT 343-102-43	REF
10	199108	GRAB HANDLE LADDER	3
11	3-443-010018	LATCH, FLEXIBLE DRAW, LEVER ASSIST	REF

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Hitch

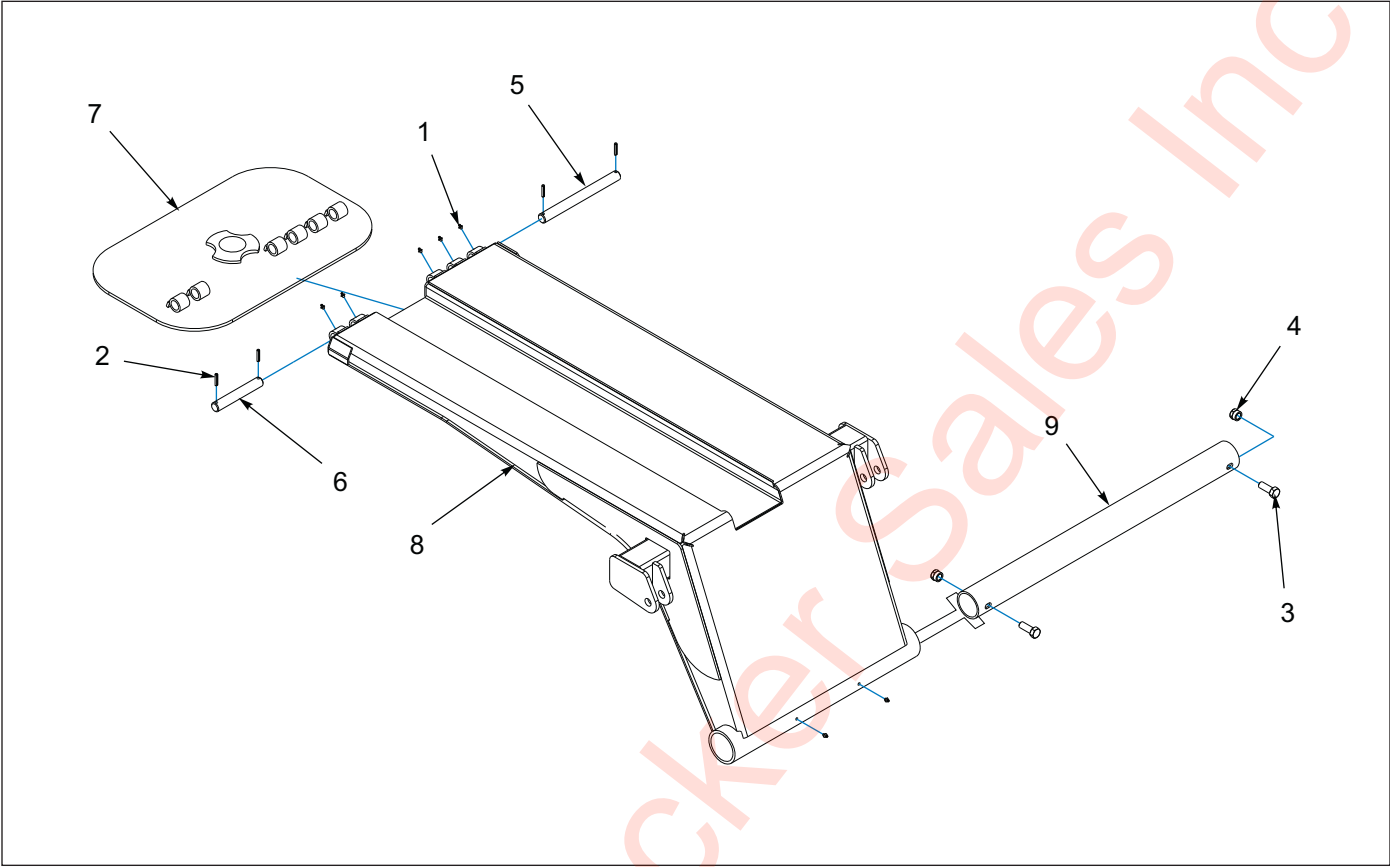


Figure 1-50: Hitch

Hitch

ITEM	PART NO.	DESCRIPTION	QTY.
	128391	HITCH INSTL 18PIN 340	
1	1-298-010001-1	FITTING, GREASE 1/4-28 STR SHORT	7
2	1-647-010004255	ROLL PIN, SLTD, 3/8X2	4
3	1-654-010061-05	SCREW, HEX, 3/4-10UNCX2 GR5	2
4	1-512-010005-15	NUT, HEX, SLFLKG, 3/4-10 UNC, GRB	2
5	128210	PIN, HINGE, 5TH WHEEL, 340-LG	1
6	128211	PIN, HINGE, 5TH WHEEL, 340-SHT	1
7	128212	HITCH PLATE, 18KP-340	1
8	128323	5H WHL PIVOT ARM WLDMT, 340	1
9	128390	PIVOT TUBE 340TRL	1

Misc Options

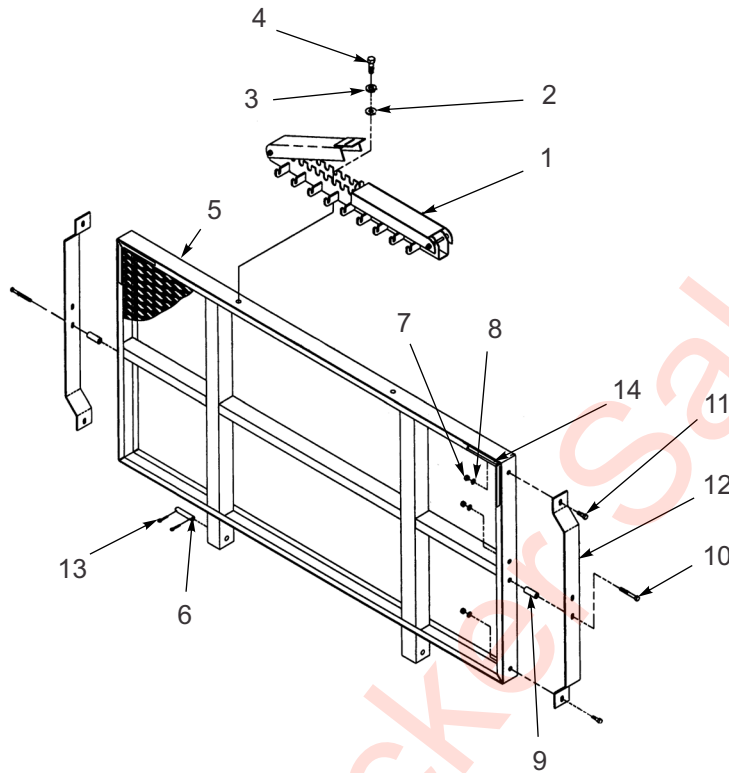


Figure 1-51: Bulkhead Assembly

Bulkhead Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	B7-141-003	BULKHEAD CHAIN BACK INSTALLATION (ITEMS 1-4)	
	3-141-010121-2	BULKHEAD INSTALLATION (ITEMS 5-13)	
1	3-141-010008	CHAIN HANGER LOCKING CHANNEL WELDMENT	1
2	1-861-010032-11	WASHER, FLAT 3/8	2
3	1-861-010034-11	WASHER, SPLIT LOCK 3/8	2
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
5	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 PLAIN TYPE A 1/2	6
9	3-711-010025	SPACER (102)	2
10	1-654-010055-13	SCREW HEX HEAD CAP 1/2-13X4 GR5	2
11	1-654-010055-03	SCREW HEX HEAD CAP 1/2-13X1-1/2 GR5	4
12	3-054-010101	BAR SIDE BULKHEAD EXTENSION	2
13	1-557-010362-63	COTTER PIN 1/4X2	4
14	3-573-010378	DECAL, 2 X 12 REFLEXITE WHITE	4

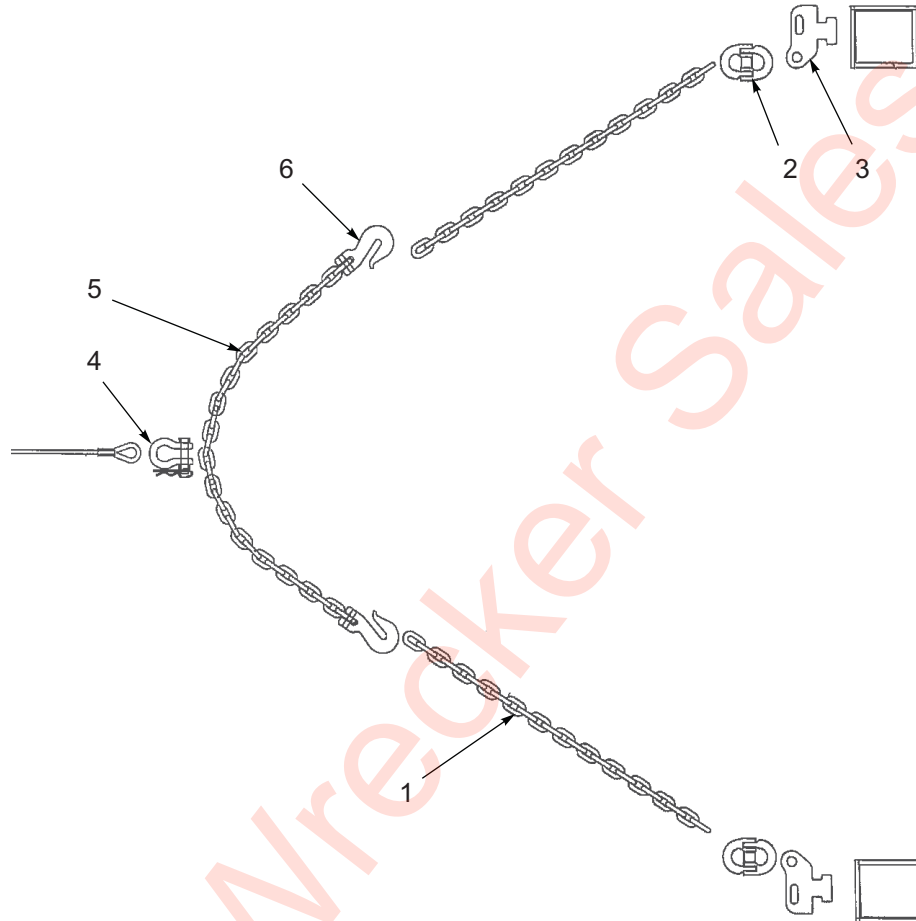


Figure 1-52: Container Chain and Bridle Assembly

Container Chain and Bridle Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	143267	CONTAINER CHAIN AND BRIDLE ASSEMBLY	
1	126888	CHAIN 1/2 X 36	2
2	126889	CHAIN CONNECTING LINK 1/2 GR8	2
3	128480	PLATE, CONTAINER CONNECT	2
4	137024	SHACKLE 1" SCREW PIN ANCHOR	1
5	143268	CHAIN, 1/2 X 53" GR8	1
6	7HCGHT500	HOOK, CLEVIS GRAB 1/2	2

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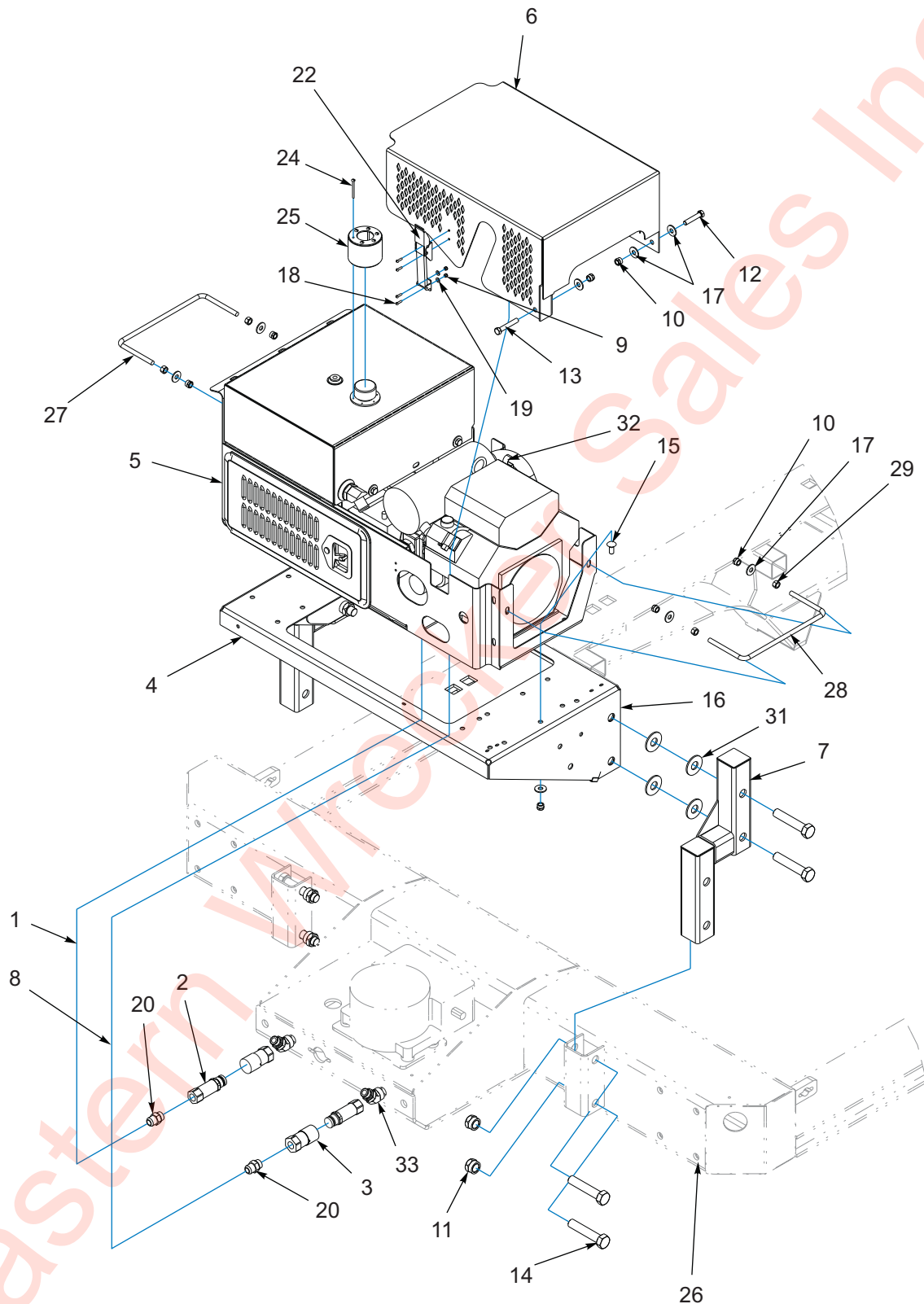


Figure 1-53: Engine - 25 HP Drive Installation

Engine - 25 HP Drive Installation

ITEM	PART NO.	DESCRIPTION	QTY.
	180938	25HP ENGINE DRIVE INSTALLATION (REF. ONLY)	
1	1-397-010305060	HOSE ASSEMBLY, 3/4 X 60	1
2	105479	COUPLER, FLAT FACE MALE NOSE	1
3	105480	COUPLER, FLAT FACE FEMALE BODY	1
4	112184	MOUNT WELDMENT	1
5	115601	25 HP GAS ENGINE PACKAGE (SEE PAGE 1-88)	1
6	121396	COVER WELDMENT	1
7	127686	MOUNT WELDMENT	2
8	105277	HOSE ASSEMBLY 3/4 X 78	1
9	1-512-010004-03	NUT, HEX LOCK 10-24 GRA	4
10	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	10
11	1-512-010005-19	NUT, HEX LOCK 1-8 GRB	8
12	1-654-010055-07	SCREW, HEX HEAD CAP 1/2-13 X 2-1/2 GR5	1
13	1-654-010055-09	SCREW, HEX HEAD CAP 1/2-13 X 3 GR5	1
14	1-654-010065-15	SCREW, HEX HEAD CAP 1-8 X 5 GR5	8
15	178388	SCREW, BHSC 1/2-13UNCX1-1/4	3
16	1-822-010002	TRIM LOK 3/16 (NOT SHOWN)	6'
17	1-861-010032-15	WASHER, FLAT 1/2W	15
18	110-0116	SCREW, RD HEAD CAP #10-24 X 3/4	4
19	110-0253	WASHER, FLAT 3/16	4
20	202702-12-12S	ADAPTER STRAIGHT	2
21	128774	CABLE, THROTTLE 40' (NOT SHOWN)	2
22	3-443-010018	LATCH, FLEXIBLE DRAW, LEVER ASSIST	1
23	128781	HARNESS, ENG PACKAGE IGNITION (NOT SHOWN)	1
24	128806	SCREW, RD HEAD MACH #10-24 X 4	6
25	128809	FILLER EXTENSION OIL TANK	1
26	3-573-010506	DECAL, ENGINE CONTROL (NOT SHOWN)	1
27	129838	HANDLE, GRAB	1
28	129839	HANDLE, GRAB	1
29	1-510-010003-09	FLANGE NUT, 1/2-13 SERRATED	4
30	1-833-010003	TUBING, NYLON 1/2 (NOT SHOWN)	1.2'
31	1-861-010032-25	WASHER, FLAT 1W	8
32	3-181-010034-3	CLAMP, CONDUIT STEEL 1	1
33	138209	ADAPTER, HYD 45	2

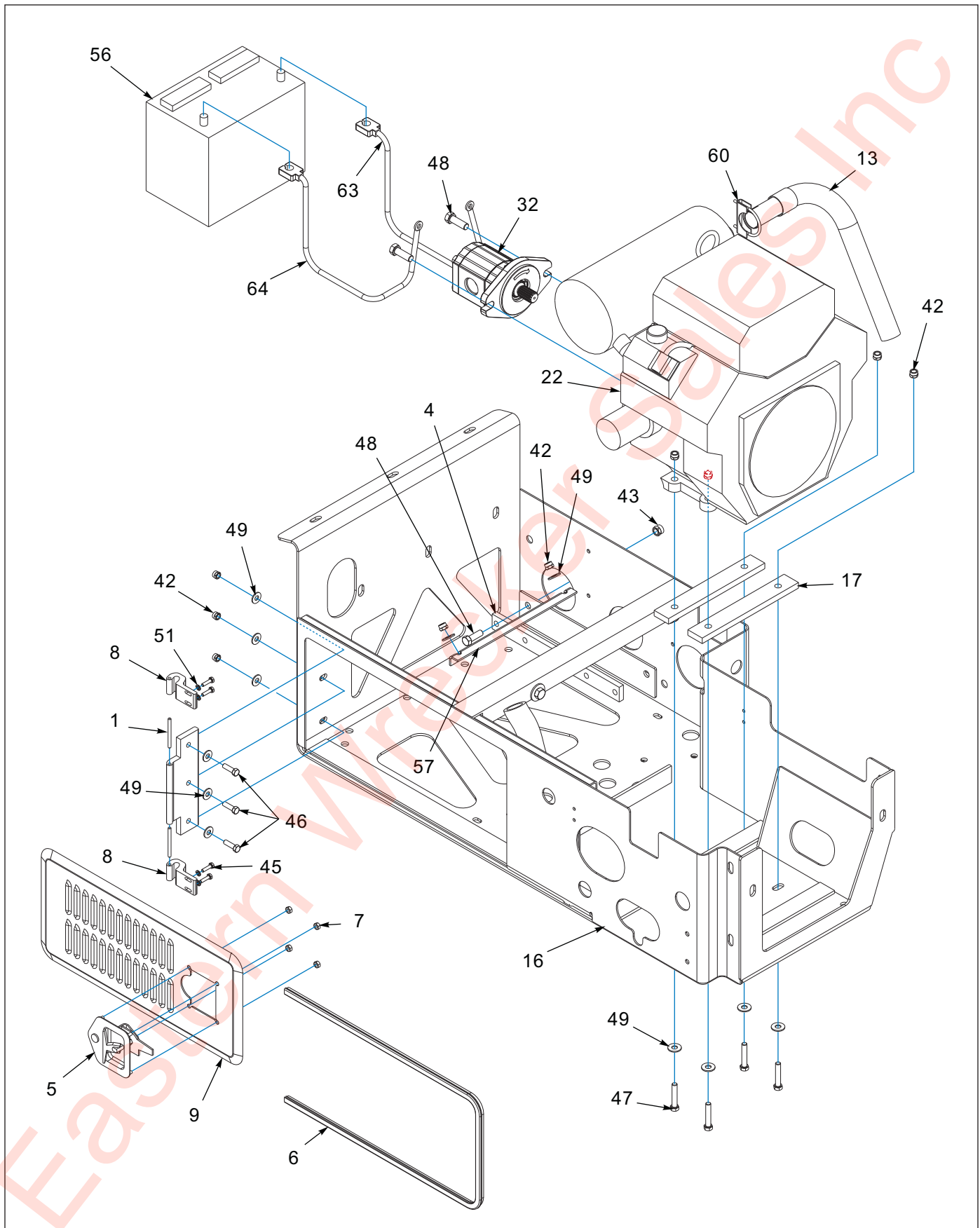


Figure 1-54: Engine - 25 HP Gas Package (1 of 2)

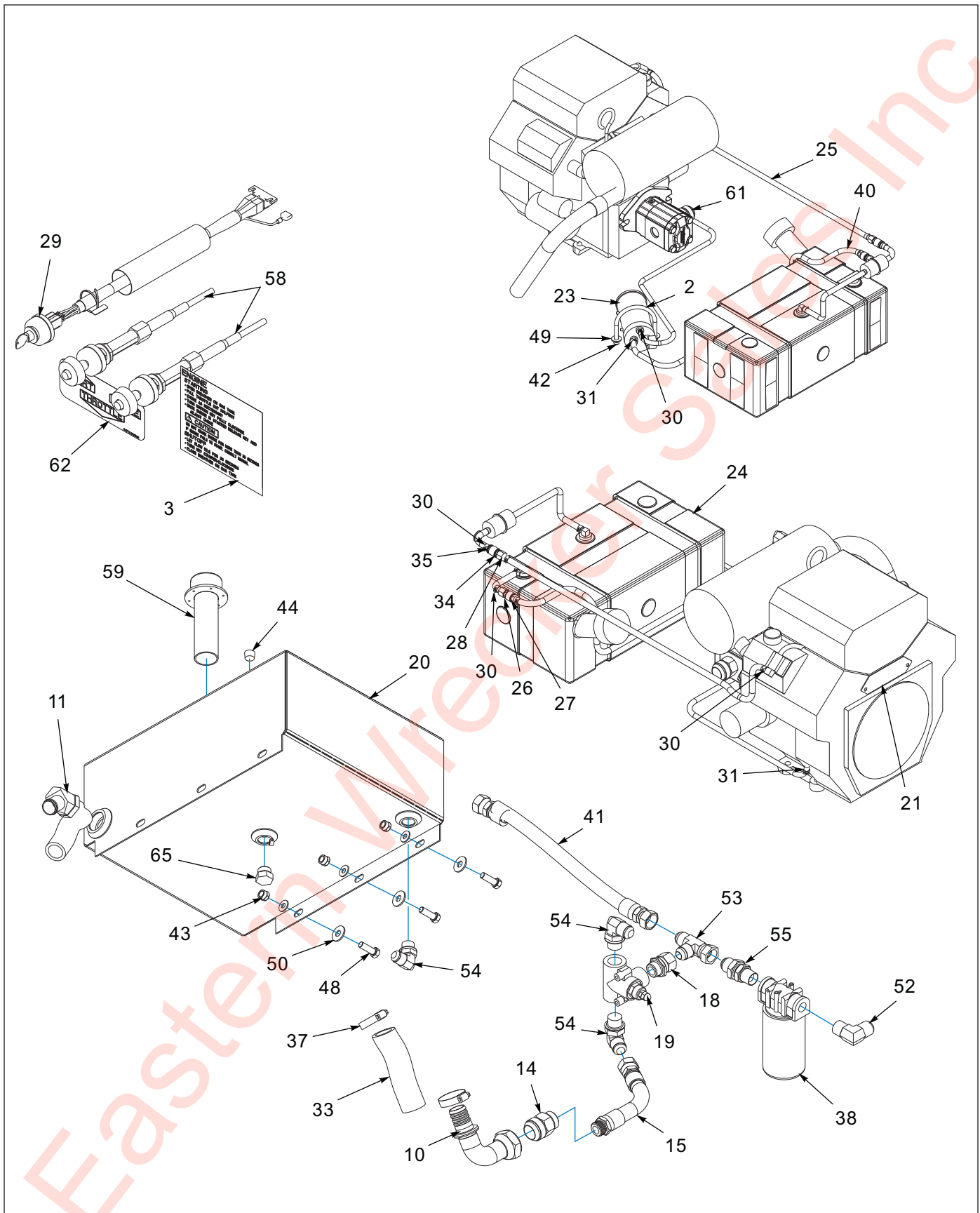


Figure 1-55: Engine - 25 HP Gas Package (2 of 2)

Engine - 25 HP Gas Package

ITEM	PART NO.	DESCRIPTION	QTY.
	189370	25 HP GAS ENGINE PACKAGE	
1	108601	PIN, DOOR HINGE	2
2	110578	U-BOLT, 3/8-16 X 3-1/8 X 4-1/8	1
3	113388	DECAL, ENG PKG INSTR, 600/900	1
4	113856	MOUNT, ENGINE ISLATOR, KOHLER CH25	1
5	114814	LATCH FOLTING T LOCKABLE	1
6	114815	SEAL, SPONGE RUBBER TRIM	5
7	115877	NUT, HVY HEX, 1/4-20 GR5	4
8	116326	HINE, BASE MNT, COM ENG PKG	1
9	116328	MOUNT, DOOR WLDMT, COM ENG PKG	1
10	116330	FITTING, 1.25F 37 - 1.25 BRAB, 90	1
11	117873	FITTING, 1.63-12 SAE 1.25H/B45	1
12	119206	HINGE, DOOR ENG DRIVE, 25HP	2
13	119445	EXHAUST EXT WLDMT, 25HP E/P	1
14	119553	SAE_O_RING_TO_37_DEG_FLARE	1
15	119577	HOSE 3/4X9.25 1-1/16 O/R -12 SAE	1
16	120654	MOUNT WLDMT, ENG PKG, 25HP	1
17	120659	ISOLATOR, KOHLER 25HP MOUNT	2
18	120660	ADAPTER, #12-O/R FEM-#12FL ML	1
19	120661	VALVE, HYD PRES #12SAE, 2500PSI	1
20	120662	HYD TANK WLDMT, 15G E/P	1
21	123014	PLATE, MOTOR FRONT, 25HP E/P	1
22	189307	ENGINE, KOHLER 25HP, PUMP MNT	1
23	166766	CARBON CANISTER, FUEL TANK, GAS	1
24	169531	5 GAL TANK, LOW PROFILE, END NECK	1
25	169532	HOSE, FUEL, 1/4 LOW PERM, CARB	5
26	170109	FITTING, 1/4 MPT TO MALE QD, FORCE	1
27	170110	FITTING, 5/16 BARB TO FEMALE QD, FORCE	1
28	173860	FITTING, 1/4 BARBS TO FEMALE	2
29	178428	SWITCH AND HARNESS KIT, KOHLER U/D	1
30	178638	SPRING CLAMP, 1/2 IN OD FUEL HOSE	8
31	179090	SPRING CLAMP, 7/16 IN OD FUEL HOSE	2
32	186811	PUMP HYDRAULIC GEAR, 0.77CID	1
33	193904	HOSE, 1-1/4 SUCTION	1
34	202225	FITTING, 1/4 MNPT/MALE QD	1
35	202226	FITTING, 5/16 HOSE BARB/FEMALE QD	1
36	1410792	OIL, ENGINE 10W-30 (NOT SHOWN)	0.5 GAL.
37	209878	CLAMP, HOSE 1-1/16 TO 2 IN DIA #24	2
38	1-295-010001	RETURN LINE FILTER	1
39	1-297-010034-01	FITTING, BR 1/4X1/8P 90 BARB	1
40	1-316-010013	HOSE, 1/4 LOW PRESSURE FUEL	5
41	1-397-010304018	HOSE ASSEMBLY, 3/4X18 SAE37, STR-STB	1
42	1-512-010005-05	NUT, HEX, SLFLKG, 3/8-16 UNC, GRB	11
43	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 UNC, GRB	7
44	1-560-010002-04	PLUG, PIPE, 1/2NPT	1
45	1-654-010047-06	SCREW, HEX, 1/4-20UNCX1 GR5	4
46	1-654-010051-06	SCREW, HEX, 3/8-16UNCX1-1/4 GR5	3
47	1-654-010051-09	SCREW, HEX, 3/8-16UNCX2 GR5	4
48	1-654-010055-03	SCREW, HEX, 1/2-13UNCX1-1/2 GRB	9

Engine - 25 HP Gas Package

ITEM	PART NO.	DESCRIPTION	QTY.
49	1-861-010032-11	WASHER, FLAT, ZP/CD, 3/8W	14
50	1-861-010032-15	WASHER, FLAT, ZP/CD, 1/2W	5
51	1-861-010034-09	WASHER, LKG, HLCL SPR, 1/4	4
52	2024-12-12S	ELBOW, 90, #12 PIPE - #12 TUBE	1
53	203102-12-12S	ADAPTER, TEE, #12, SAE37 SWIVL	1
54	2062-12-12S	ADAPTER, 90, #12 O-RINGX#12 TUBE	3
55	2240-12-12S	ADAPTER, BLKHD, 3/4NPT - 3/4BTE	1
56	2481X	BATTERY 12 VOLT	1
57	3-120-010124	BATTERY CLAMP BRKT	1
58	3-155-010012	CABLE THROTTLE	2
59	3-162-010001	FILLER-BREATHER-STRAINER	1
60	3-182-010028	CLAMP, MUFFLER	1
61	3-316-010008	3/16 ID FUEL HOSE	3 FT.
62	3-573-010506	DECAL, ENGINE, 345A CONTROL	1
63	514-9045-26	CABLE ASSEMBLY, BATTERY NEG 48 IN.	1
64	514-9073-18	CABLE ASSEMBLY, BATTERY POS 48 IN.	1
65	900598-12S	PLUG O-RING BOSS #12	1

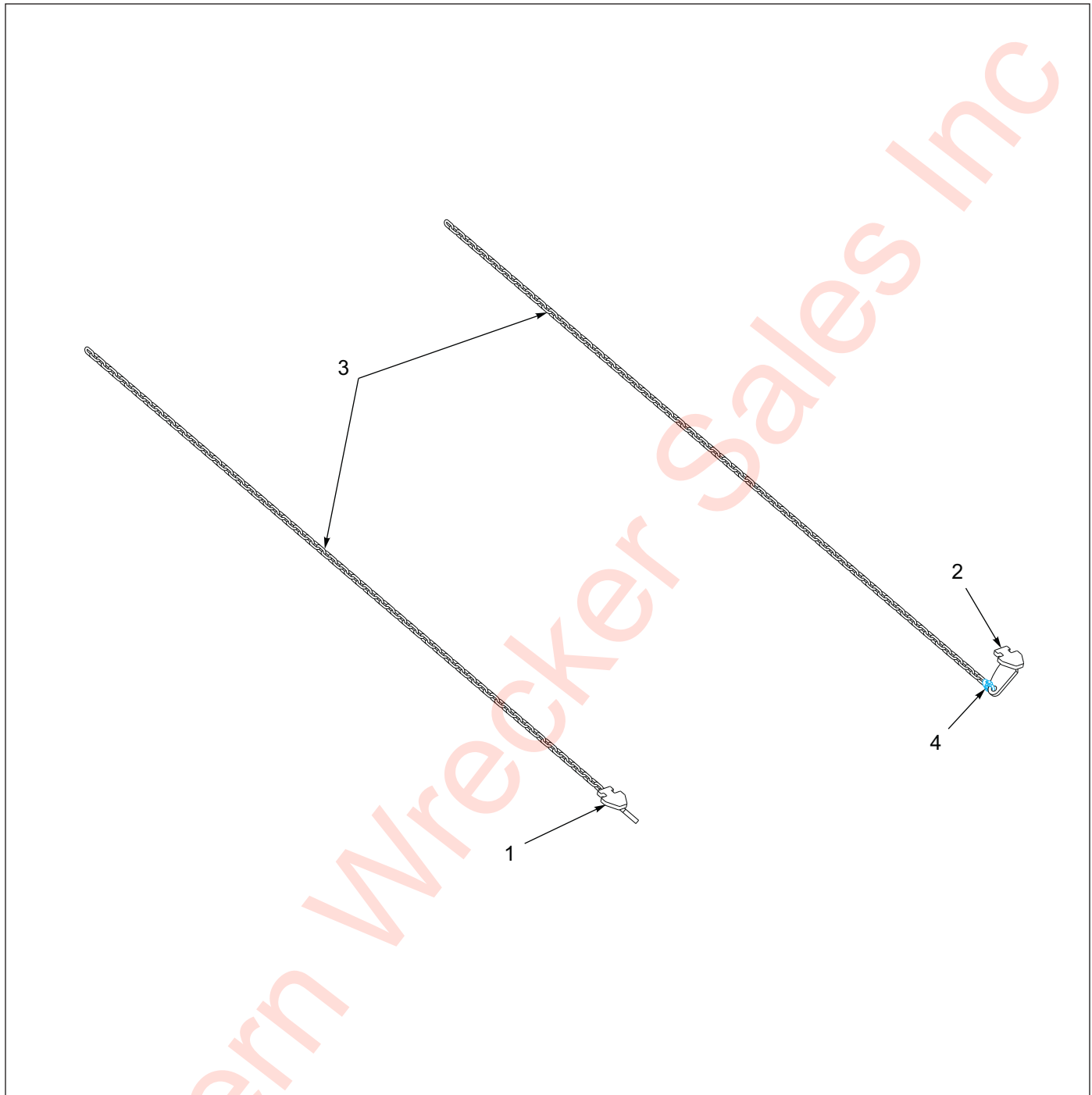


Figure 1-56: Hold Down Rear Container

Hold Down Rear Container

ITEM	PART NO.	DESCRIPTION	QTY.
	169394	HOLD DOWN REAR CONTAINER, 1.5	
1	128973	CONNECTOR, CONATINER REAR PULL, LH	1
2	128974	CONNECTOR, CONTAINER REAR PULL, RH	1
3	169383	CHAIN, 3/8 X 12.5 FT	2
4	3-174-010042	CHAIN LINK, CONNECTING 3/8	2

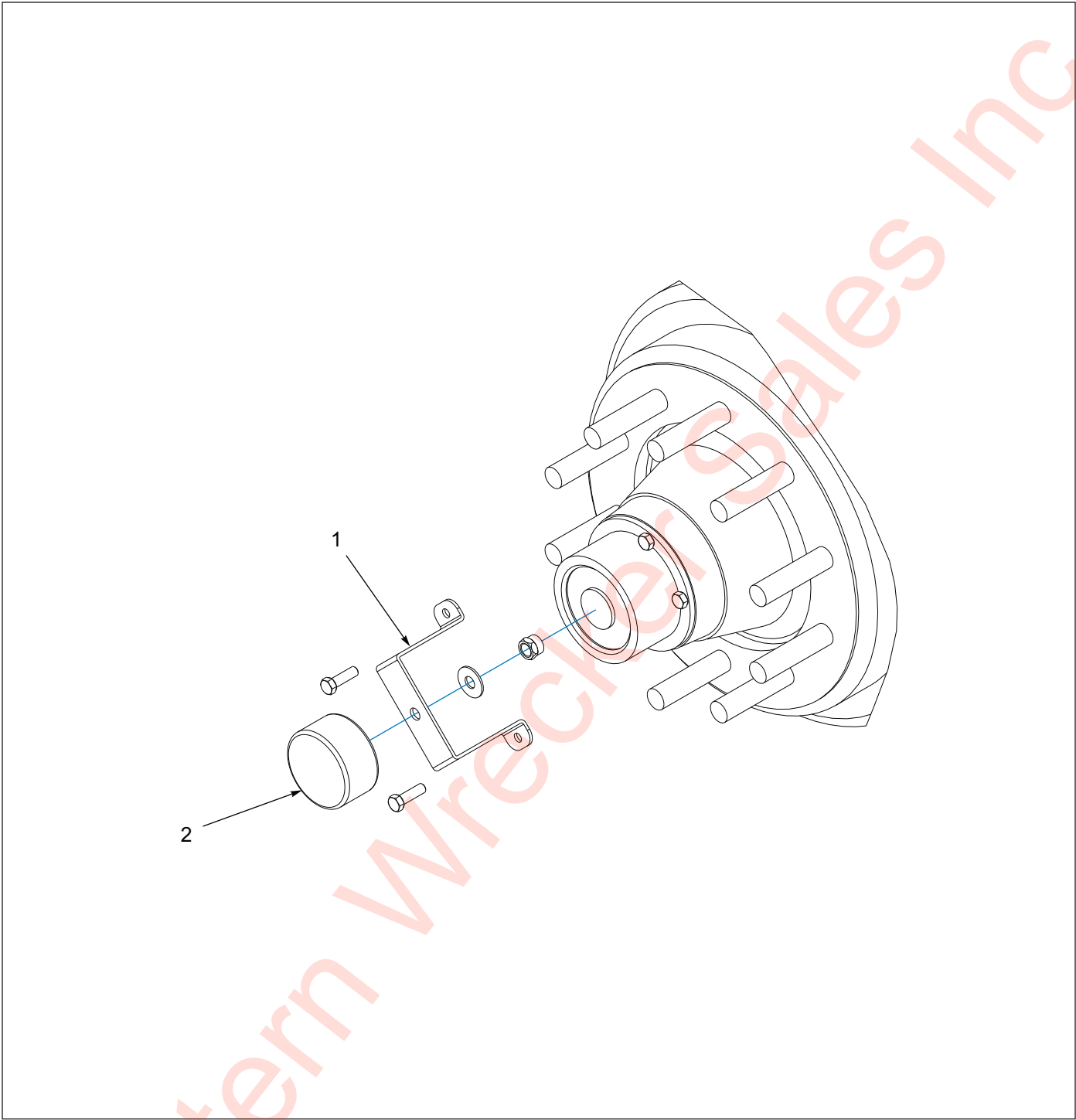


Figure 1-57: Hubodometer Installation- 255 Tires

Hubodometer Installation- 255 Tires

ITEM	PART NO.	DESCRIPTION	QTY.
	137108	HUBODOMETER INSTALLATION, 255 TIRES	
1	112529	BRACKET, HUBODOMETER, CON-MET	1
2	113109	HUBODOMETER, 567 RPM	1

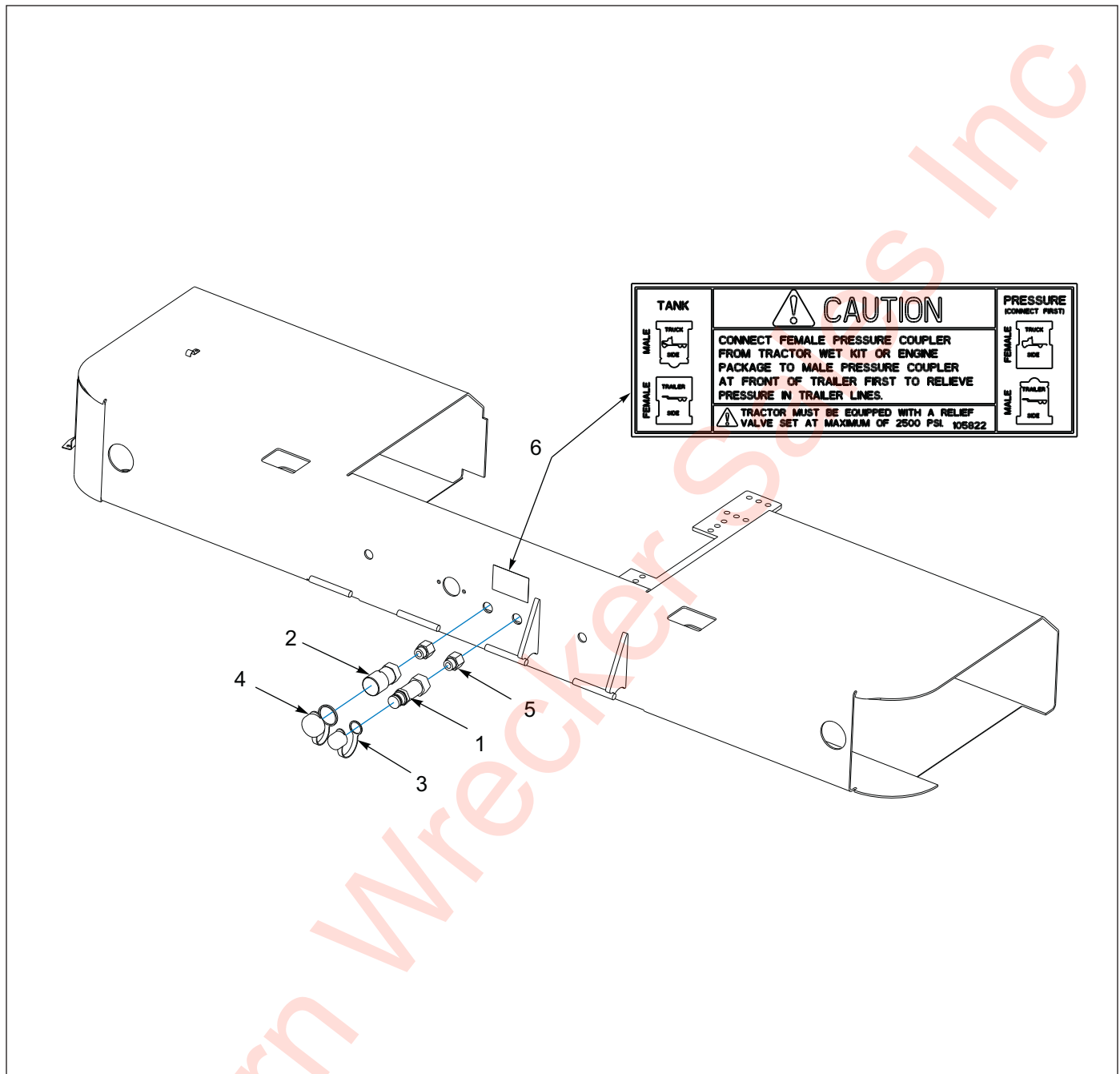


Figure 1-58: Hydraulic Conversion Kit - Ball to Flat

Hydraulic Conversion Kit - Ball to Flat

ITEM	PART NO.	DESCRIPTION	QTY.
	105902	HYDRAULIC CONVERSION KIT, BALL TO FLAT	
1	105479	COUPLER, FLAT FACE MALE NOSE	1
2	105480	COUPLER, FLAT FACE FEMALE BODY	1
3	105481	COUPLER, DUST CAP MALE	1
4	105482	COUPLER, DUST CAP FEMALE	1
5	2216-12-12S	INTERNAL PIPE O-RING BOSS	2
6	105822	DECAL, HYD COUPLER	1

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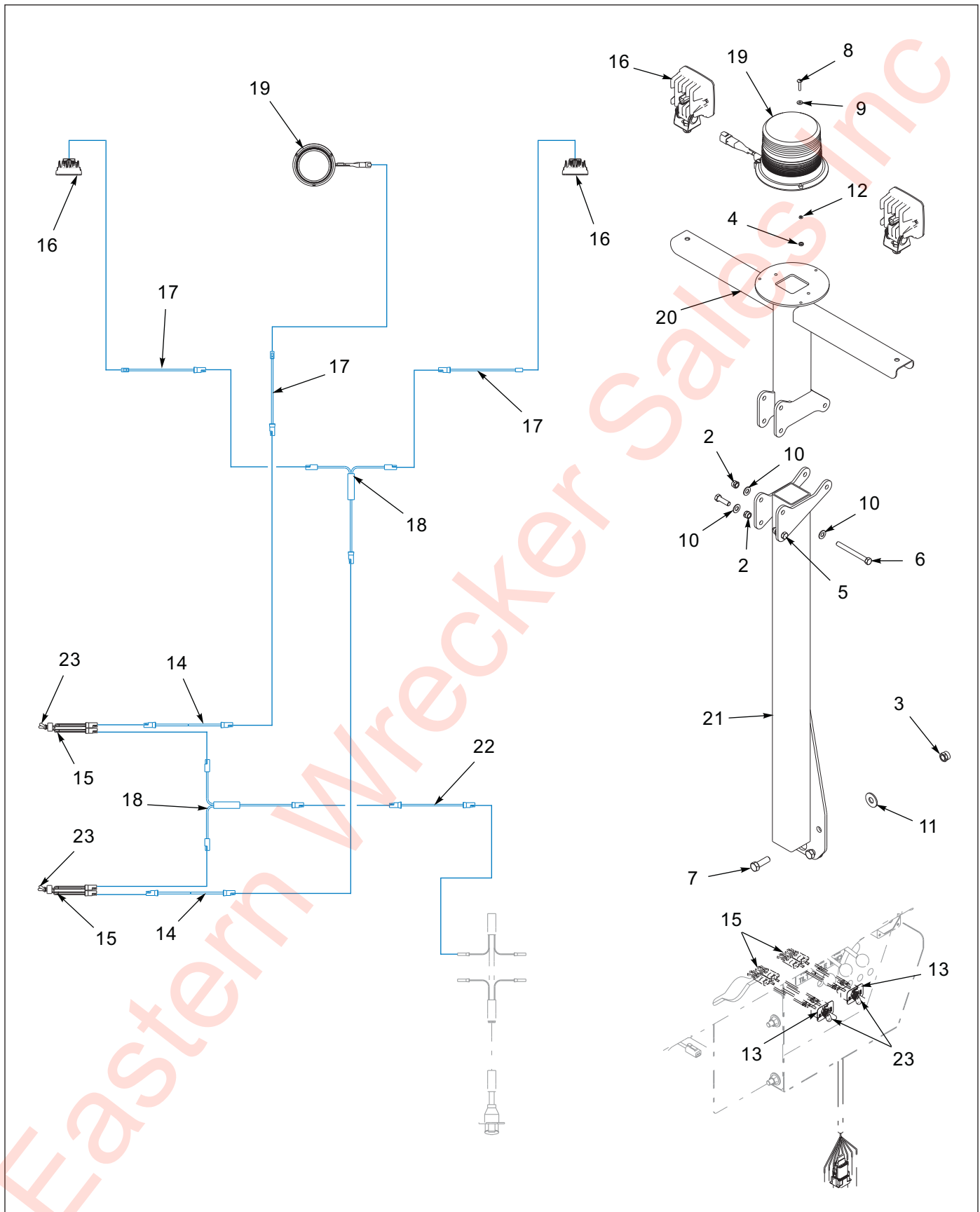


Figure 1-59: Strobe Beacon and Work Light Installation

Strobe Beacon and Work Light Installation

ITEM	PART NO.	DESCRIPTION	QTY.		
	199799	STROBE BEACON & (2) WORK 343 (REF. ONLY)	*		
	199800	STROBE BEACON INSTL 343 (REF. ONLY)		*	
	199801	WORK LIGHT (2) 343 (REF. ONLY)			*
1	1-343-010006	GROMMET 7/8IDX1/4GWX1-1/4GD	2	--	2
2	1-512-010005-05	NUT, HEX, SLFLKG, 3/8-16 UNC GRB	3	3	3
3	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 UNC, GRB	4	4	4
4	1-512-010007-03	NUT, HEX, #10-24 UNC GR2	3	3	3
5	1-654-010051-06	SCREW, HEX, 3/8-16UNCX1-1/4 GR5	2	2	2
6	1-654-010051-16	SCREW, HEX, 3/8-16UNCX3-3/4 GR5	1	1	1
7	1-654-010055-03	SCREW, HEX, 1/2-13UNCX1-1/2 GR5	4	4	4
8	1-656-010003053	SCREW, RD HD MACH #10-24X1	3	3	3
9	1-861-010032-03	WASHER, FLAT. ZP/CD #10	3	3	3
10	1-861-010032-10	WASHER, FLAT, ZP/CD 3/8N	4	4	4
11	1-861-010032-15	WASHER, FLAT, ZP/CD, 1/2W	4	4	4
12	1-861-010034-07	WASHER, LKG, HLCL SPR, #10	3	3	3
13	130116	DECAL ON/OFF LIGHT	2	2	2
14	150111	HARNESS 300 IN. MALE/FEMALE BULLET	2	--	2
15	150117	TOGGLE SWITCH SEALED S.P.S.T	2	2	2
16	163996	LIGHT LED WHITE FLOOD LAMP	2	--	2
17	164052	HARNESS 60IN. BRANCH WORK LIGHT	3	3	3
18	169853	HARNESS JUMPER T-POWER	2	2	2
19	184501	STROBE BEACON DEUTSCH CONN	1	1	--
20	199791	BRACKET WLDMT LIGHT SUPPORT TOP	1	1	1
21	199792	BRACKET WLDMT LIGHT SUPPORT BTM	1	1	1
22	3-368-010252	HARNESS ASSEMBLY, BKHD LIGHT EXT	1	1	1
23	81264	RUBBER BOOT FOR ELECT SWITCH	2	--	2

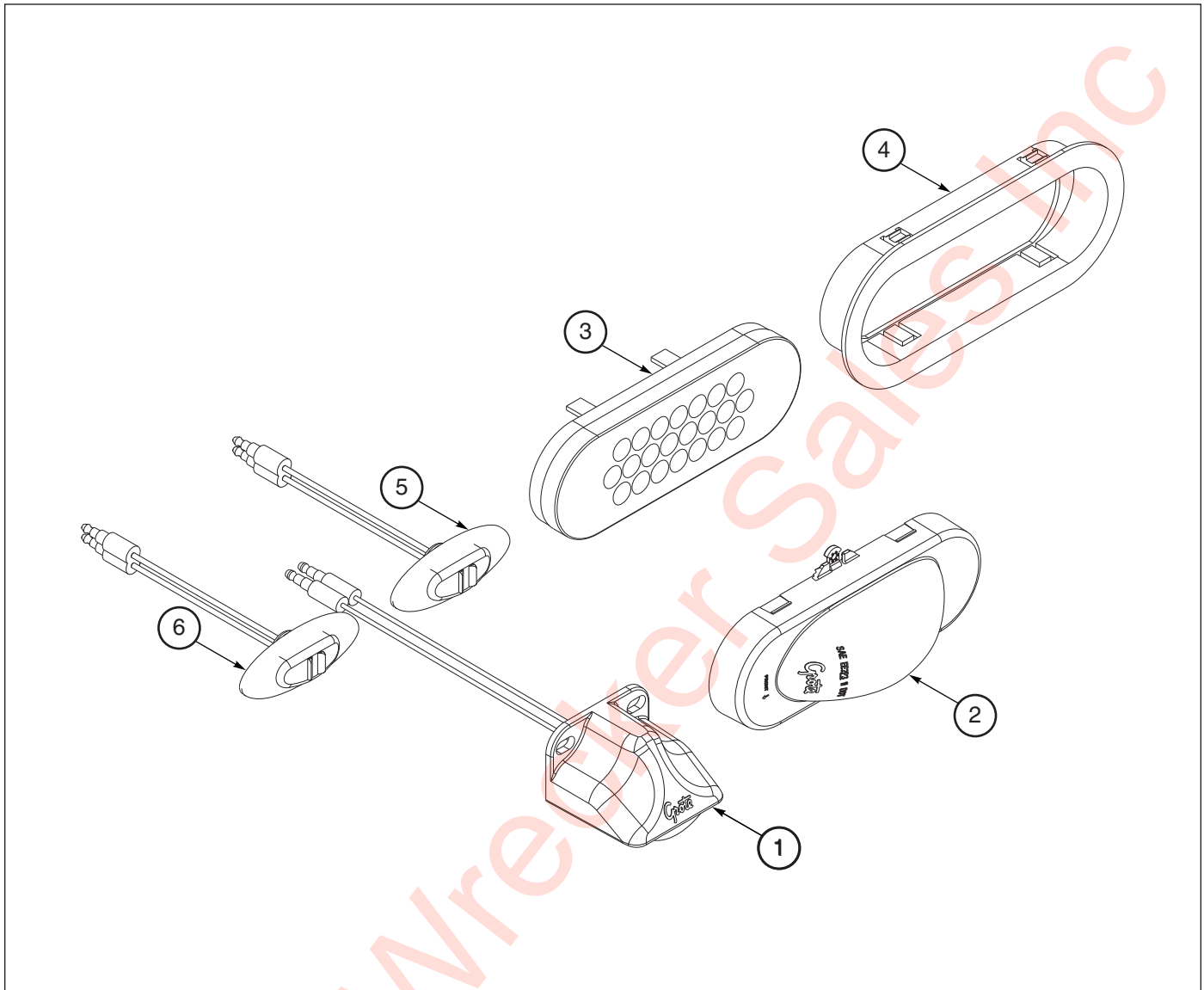


Figure 1-60: Spare Light Kit 343A LED-196586

Spare Light Kit 343A LED-196586

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	196586	SPARE LIGHT KIT 343s LED	--
1	187860	LIGHT ASSY LICENSE LED GROTE	1
2	187868	LIGHT MID-TURN LED CLEAR LENS	1
3	213295	LIGHT CLEAR LENS S/T/T	2
4	213296	FLANGE CHROME FLAY OBLONG	1
5	213297	LIGHT YEL CLEAR LENS MKR	2
6	213298	LIGHT RED CLEAR LENS MKR	2

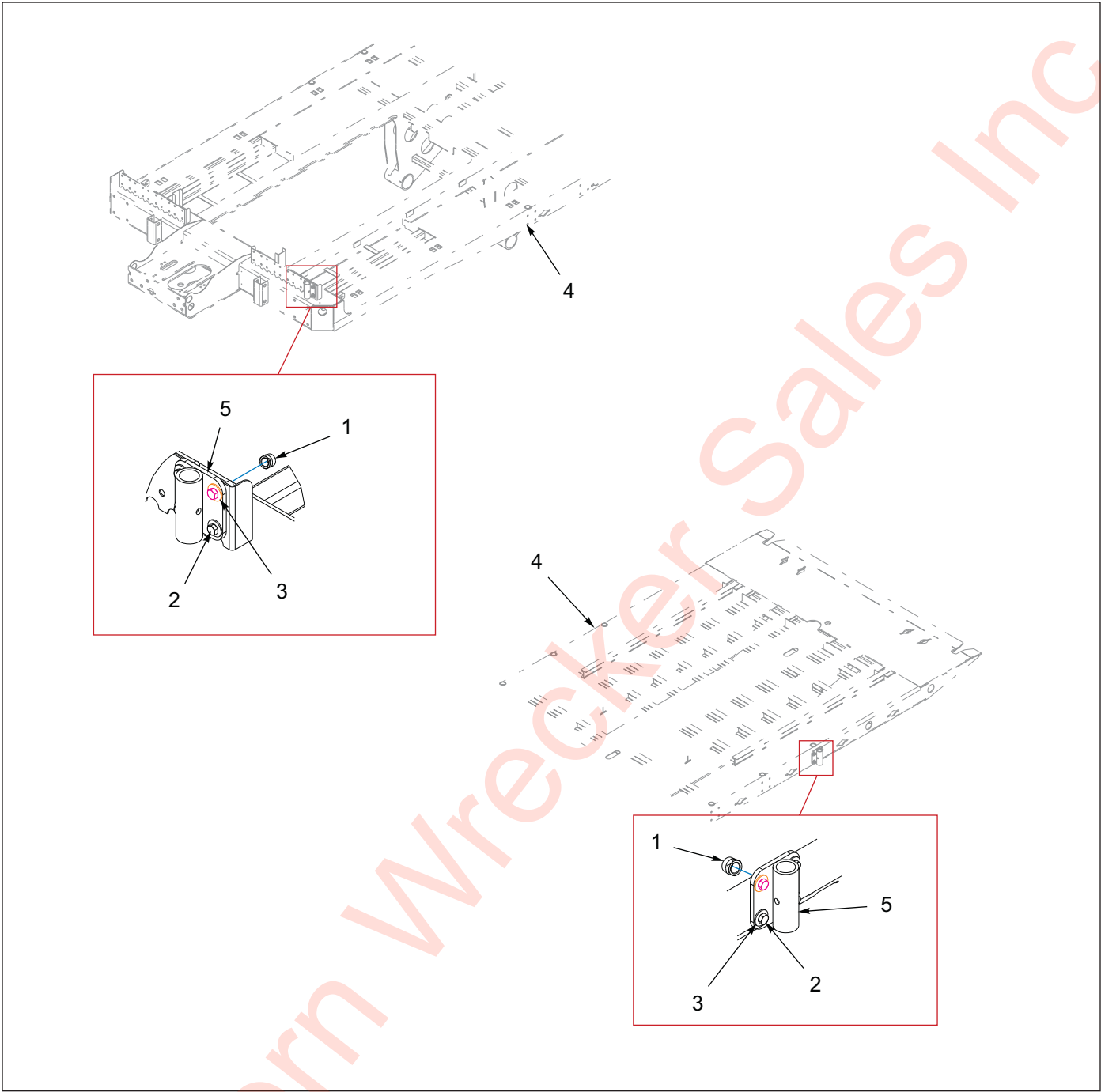


Figure 1-61: Side Guide - Anchor Pair

Side Guide - Anchor Pair

ITEM	PART NO.	DESCRIPTION	QTY.
	178683	SIDE GUIDE ANCHOR	
1	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 UNC, GRB	8
2	1-654-010055-04	SCREW, HEX, 1/2-13 UNC X 1-3/4, GR5	8
3	1-861-010032-14	WASHER, FLAT, ZP/CD, 1/2W	16
4	-----	FRAME WELDMENT	REF
5	178670	GUIDE ANCHOR WELDMENT	2

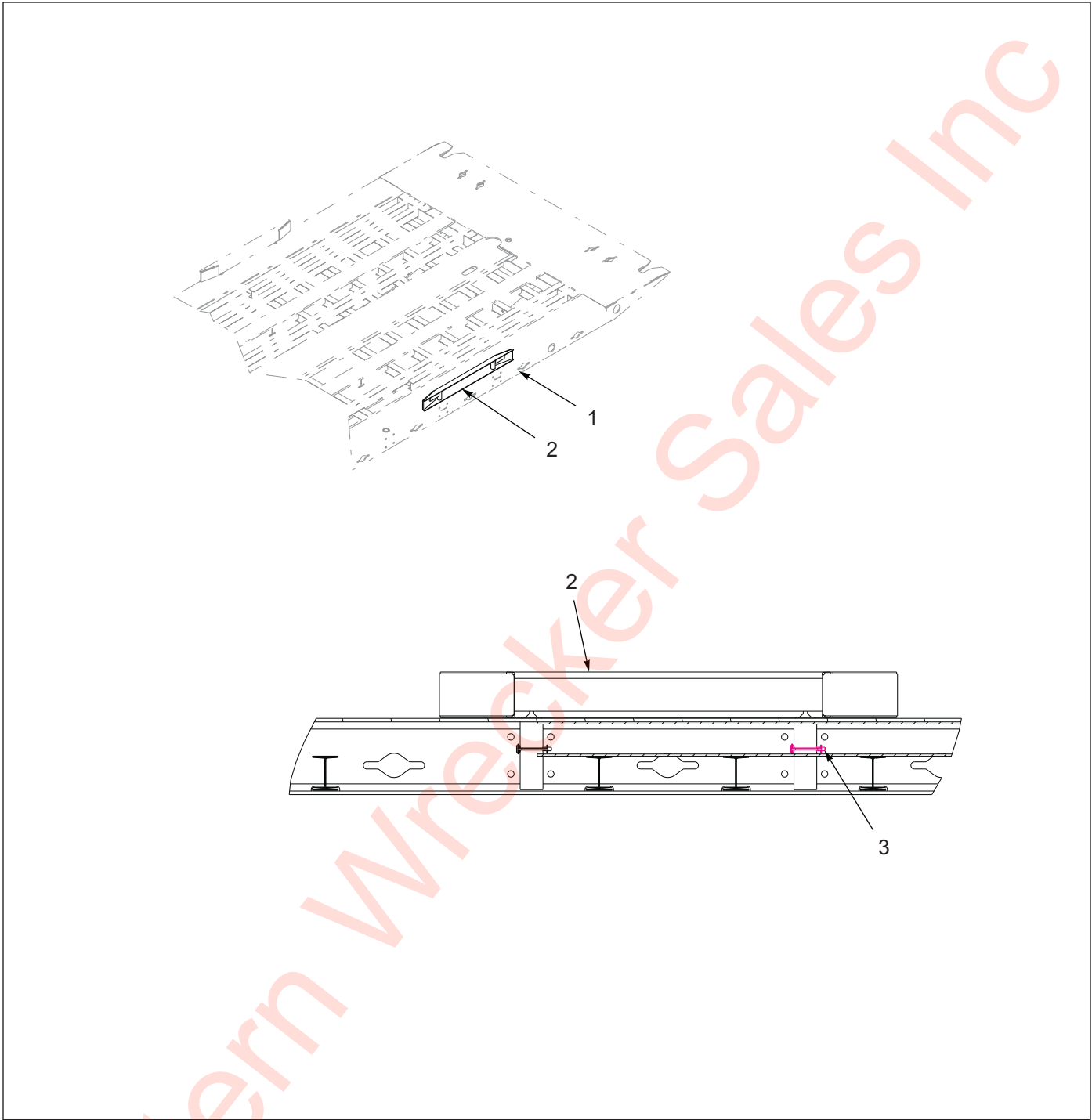


Figure 1-62: Side Guide - Container Pair

Side Guide - Container Pair

ITEM	PART NO.	DESCRIPTION	QTY.
	178682	SIDE CONTAINER GUIDE PAIR	
1	-----	FRAME WELDMNT	REF
2	178666	GUIDE CONTAINER WLDMT	2
3	516-22PTL	PIN, MUD FLAP	4

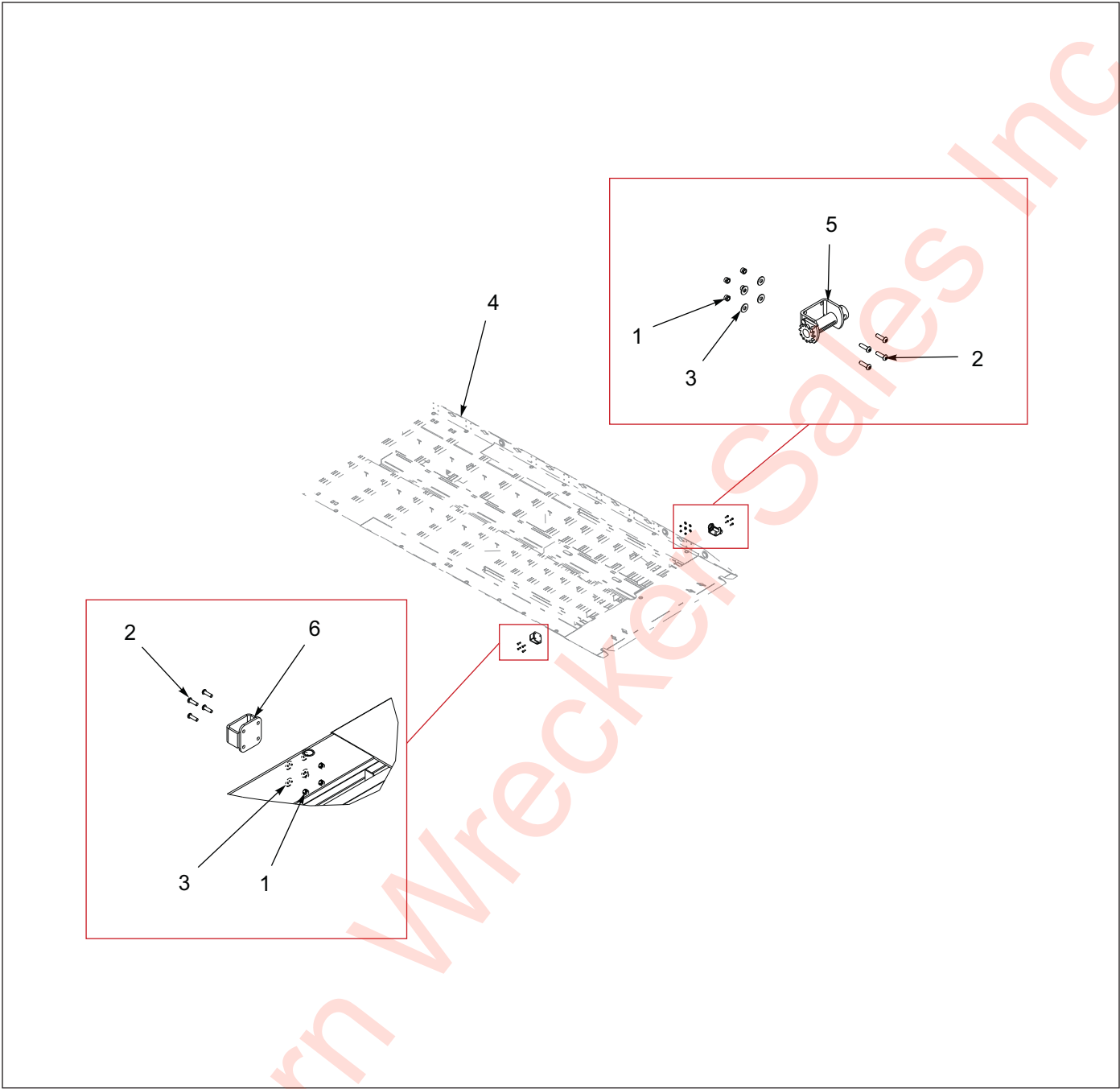


Figure 1-63: Strap Ratchet & Hook Assembly

Strap Ratchet & Hook Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	183637	STRAP RATCHET & HOOK ASSEMBLY	
1	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 UNC, GRB	8
2	1-654-010089-15	SCREW, SKT BTN, 1/2-13 UNC X 1-3/4	8
3	1-861-010032-15	WASHER, FLAT, ZP/CD, 1/2W	8
4	-----	FRAME WELDMENT	REF
5	183638	STRACH RATCHET, BOLT-ON	1
6	183639	STRAP HOOK, POCKET BOLT-ON	1

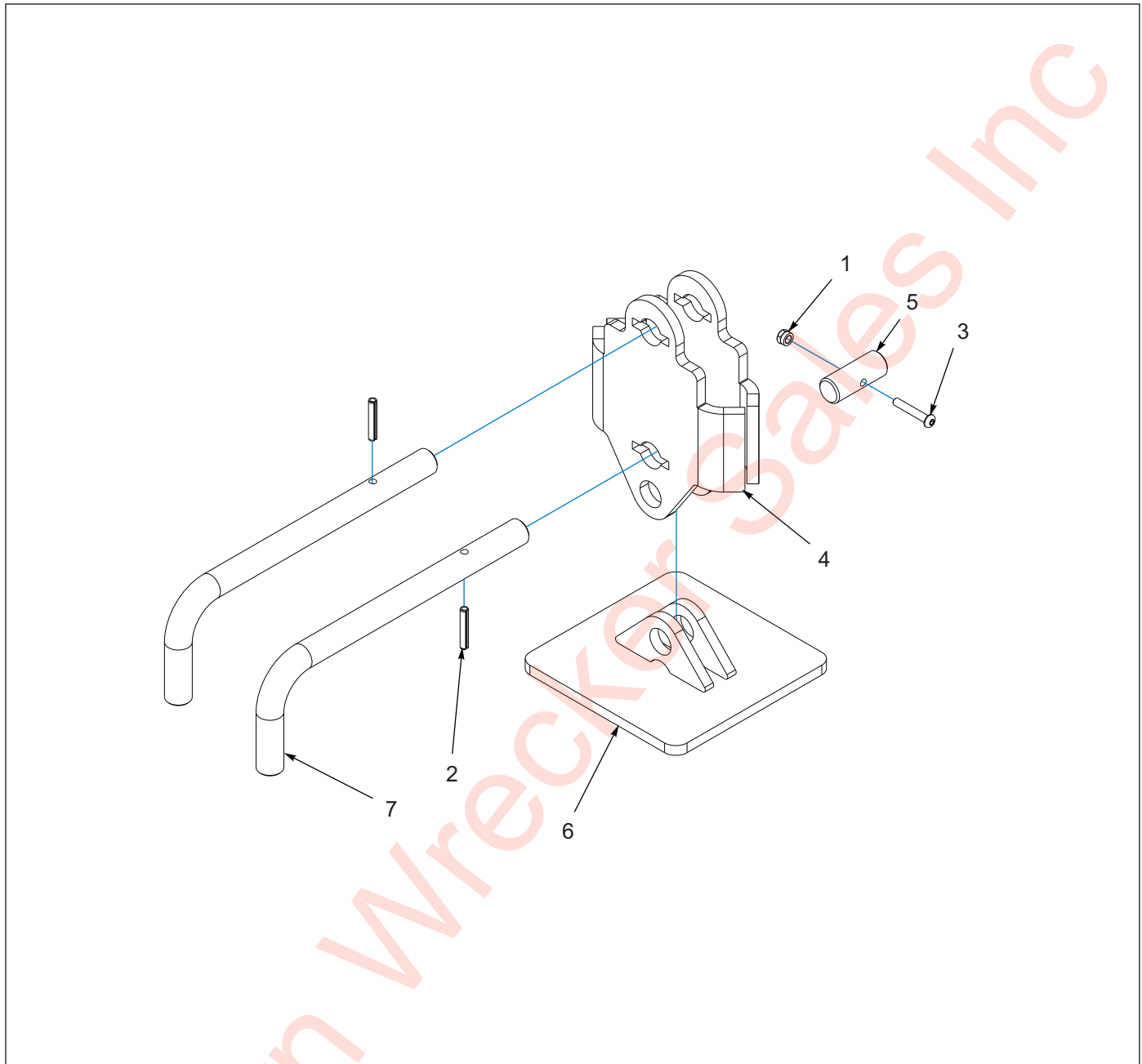


Figure 1-64: Tiedown Assembly - Shoe Lock

Tiedown Assembly - Shoe Lock

ITEM	PART NO.	DESCRIPTION	QTY.
	128469	SHOE LOCK TIEDOWN ASSEMBLY	
1	1-512-010005-01	NUT, HEX LOCK 1/4-20	2
2	1-647-010004217	SPRING PIN, SLOTTED 1/4 X 1-1/2	4
3	108220	SCREW, BUTTON HEAD CAP 1/4-20 X 1-1/2	2
4	126111	FOOT WELDMENT, CONTAINER OFFLOAD	2
5	126114	PIN, BOTTOM OFFLOAD FOOT	2
6	126117	BASE WELDMENT, OFFLOAD FOOT	2
7	127843	PIN, TOP OFFLOAD FOOT	4

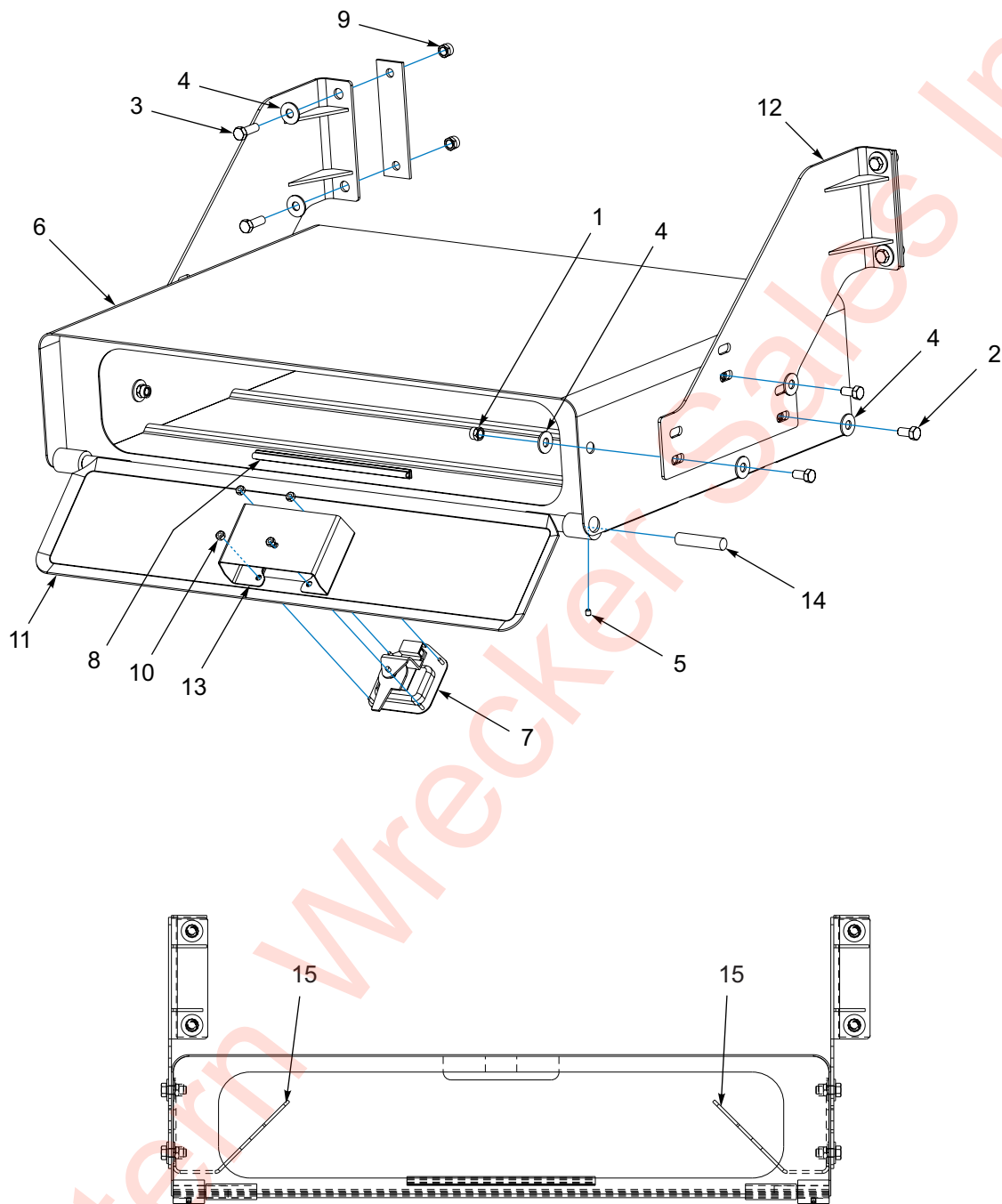


Figure 1-65: Toolbox Installation - Steel Door

Toolbox Installation - Steel Door

ITEM	PART NO.	DESCRIPTION	QTY.
	114807	TOOLBOX INSTL 930 STL DOOR	*
1	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	10
2	1-654-010055-02	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	6
3	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
4	1-861-010032-15	WASHER, FLAT 1/2W	16
5	107-0975	SCREW, SET LOCK 5/16-18 X 3/8	2
6	114808	TOOLBOX WELDMENT	1
7	114814	LATCH FOLDING T LOCKABLE	1
8	114815	SEAL, SPONGE RUBBER TRIM	7
9	115843	BAR, BACKUP TOOLBOX MOUNTING	2
10	115877	NUT, HEAVY HEX 1/4-20 GR5	4
11	116623	DOOR WELDMENT STEEL TOOLBOX	1
12	117860	BRACKET, WELDMENT TOOLBOX MOUNTING	2
13	153420	TOOLBOX LATCH SHIELD	1
14	RPRB59004X3H	BAR, ROUND 3/4 X 3-1/2 NYLATRON	2
15	178706	TOOLBOX PANEL ORGANIZER ASSEMBLY (ITEM 16)	1
16	178705	TOOLBOX SUPPORT PANEL	2

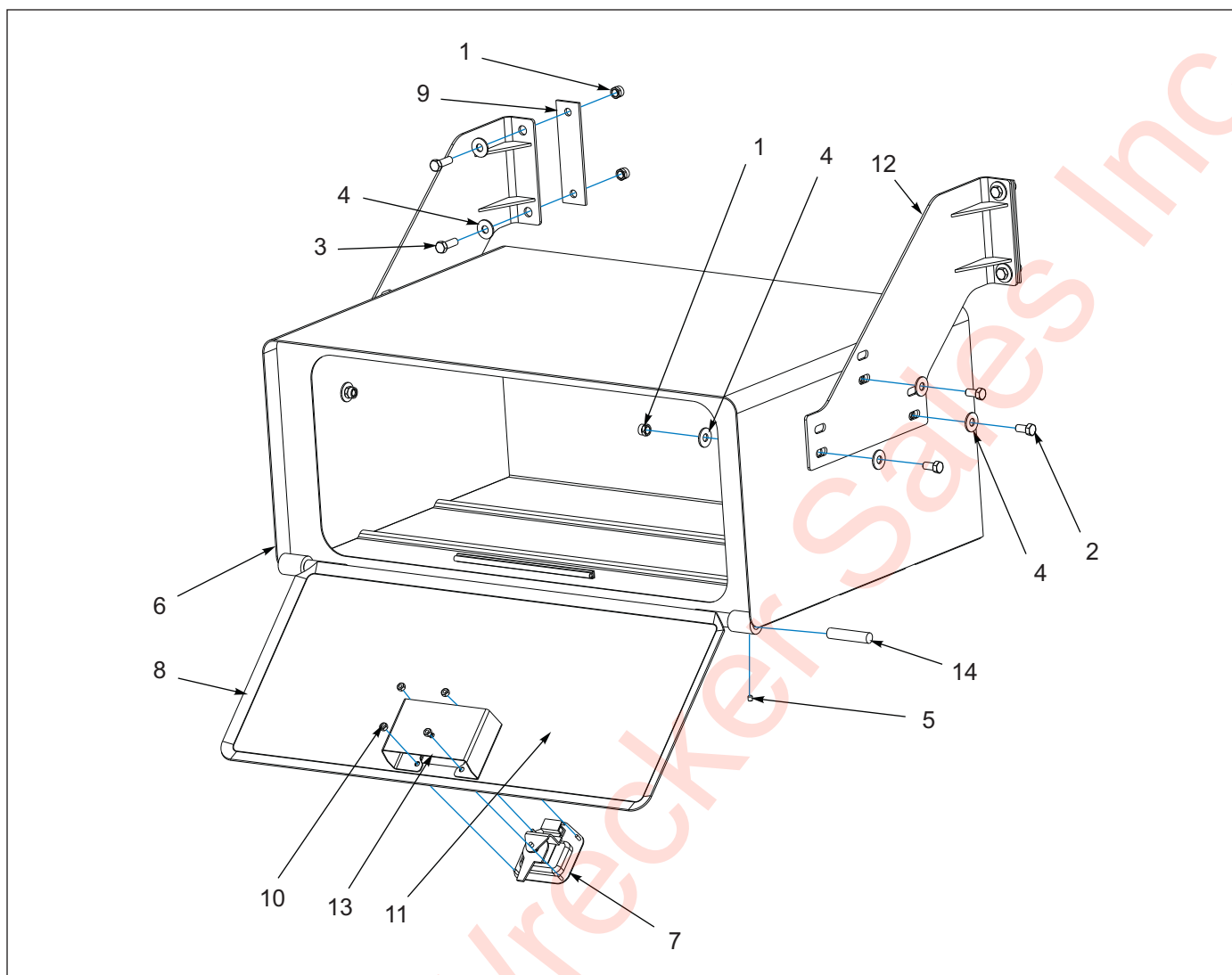


Figure 1-66: Tool Box Installation

Tool Box Installation

ITEM	PART NO.	DESCRIPTION	QTY.
	163540	TOOLBOX INSTALLATION 42 X 28 X 17	
1	1-512-010005-09	NUT, HEX LOCK 1/2-13 GRB	10
2	1-654-010055-01	SCREW, HEX HEAD CAP 1/2-13 X 1 GR5	6
3	1-654-010055-03	SCREW, HEX HEAD CAP 1/2-13 X 1-1/2 GR5	4
4	1-861-010032-15	WASHER, FLAT 1/2W	16
5	107-0975	SCREW, SET LOCK 5/16-18 X 3/8	2
6	163541	TOOLBOX WELDMENT	1
7	114814	LATCH FOLDING T LOCKABLE	1
8	114815	SEAL, SPONGE RUBBER TRIM	7
9	115843	BAR, BACKUP TOOLBOX MOUNTING	2
10	115877	NUT, HEAVY HEX 1/4-20 GR5	4
11	163544	DOOR WELDMENT STEEL 42 X 28 X 17	1
12	117860	BRACKET, WELDMENT TOOLBOX MOUNTING	2
13	153420	TOOLBOX LATCH SHIELD	1
14	RPRB59004X3H	BAR, ROUND 3/4 X 3-1/2 NYLATRON	2

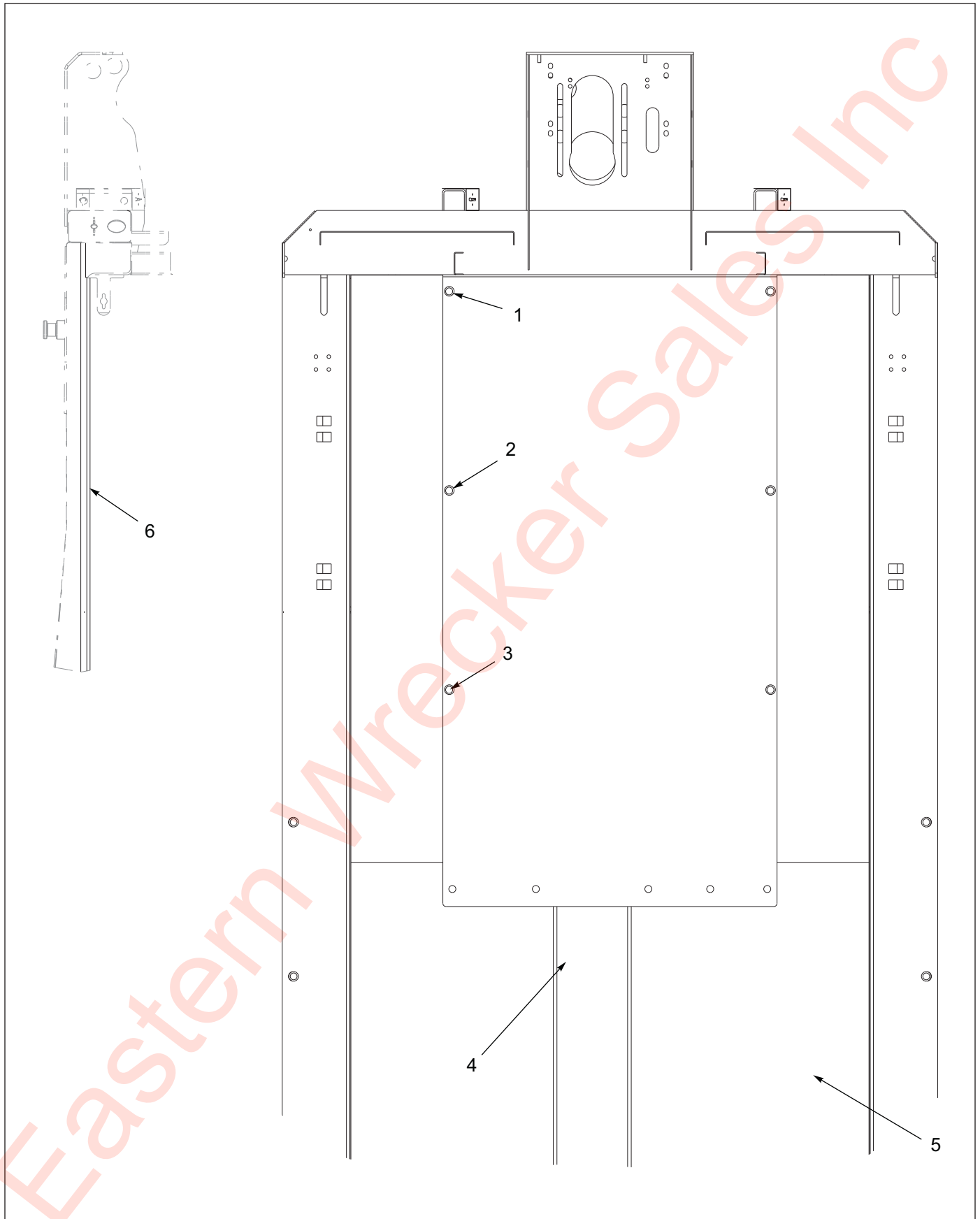


Figure 1-67: Hitch Cover

Hitch Cover

ITEM	PART NO.	DESCRIPTION	QTY.
	199112	HITCH COVER 343 TRL ASSEMBLY	
1	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 UNC GRB	11
2	1-654-010070-03	SCREW, RDH, SQ NK, 1/2-13X1-1/2	11
3	1-861-010032-15	WASHER, FLAT, ZP/C 1/2W	11
4	128391	HITCH INSTL 18PIN 340	REF
5	199110	GUIDE 1/2 INSIDE 343 FRONT END	REF
6	199115	HITCH COVER 343 WLDMT	1

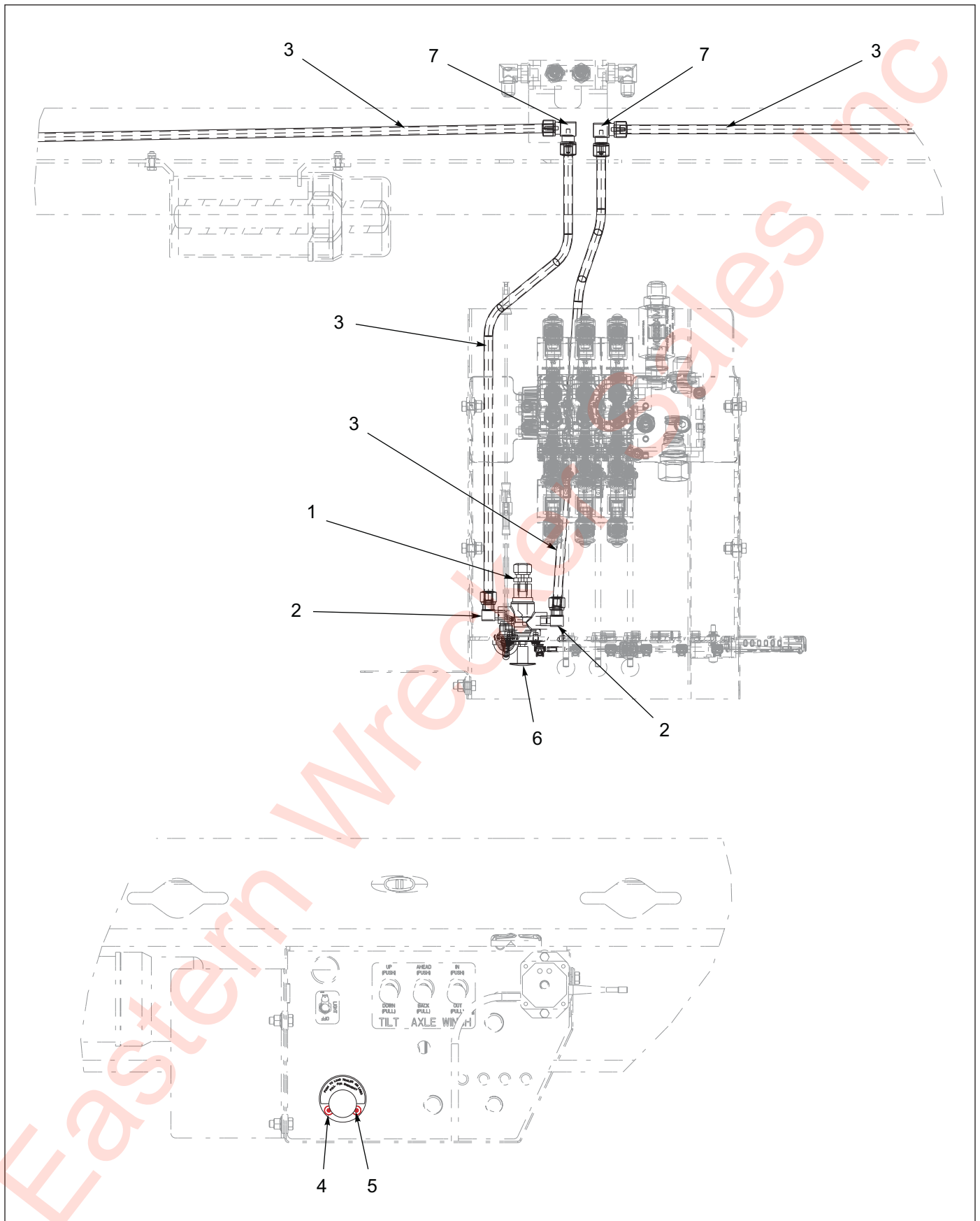


Figure 1-68: Brake Lock - 343A

Brake Lock - 343A

ITEM	PART NO.	DESCRIPTION	QTY.
	208620	BRAKE LOCK 343A TRL	
1	1-297-010007-14	FITTING, AIR 1/2 TUBE X 1/4 NPT	1
2	1-297-010008-22	FITTING, 1/2T-1/4P, AIR 90	2
3	1-833-010003	TUBING, NYLON 1/2 OD	10 FT.
4	1-861-010034-09	WASHER, LKG, HLCL SPR. 1/4	2
5	123578	SCREW, BHSC 1/4-28UNFX1/2	2
6	208619	VALVE, BRAKE LOCK	1
7	208622	FITTING, AIR, UNION 90-1/2T	2

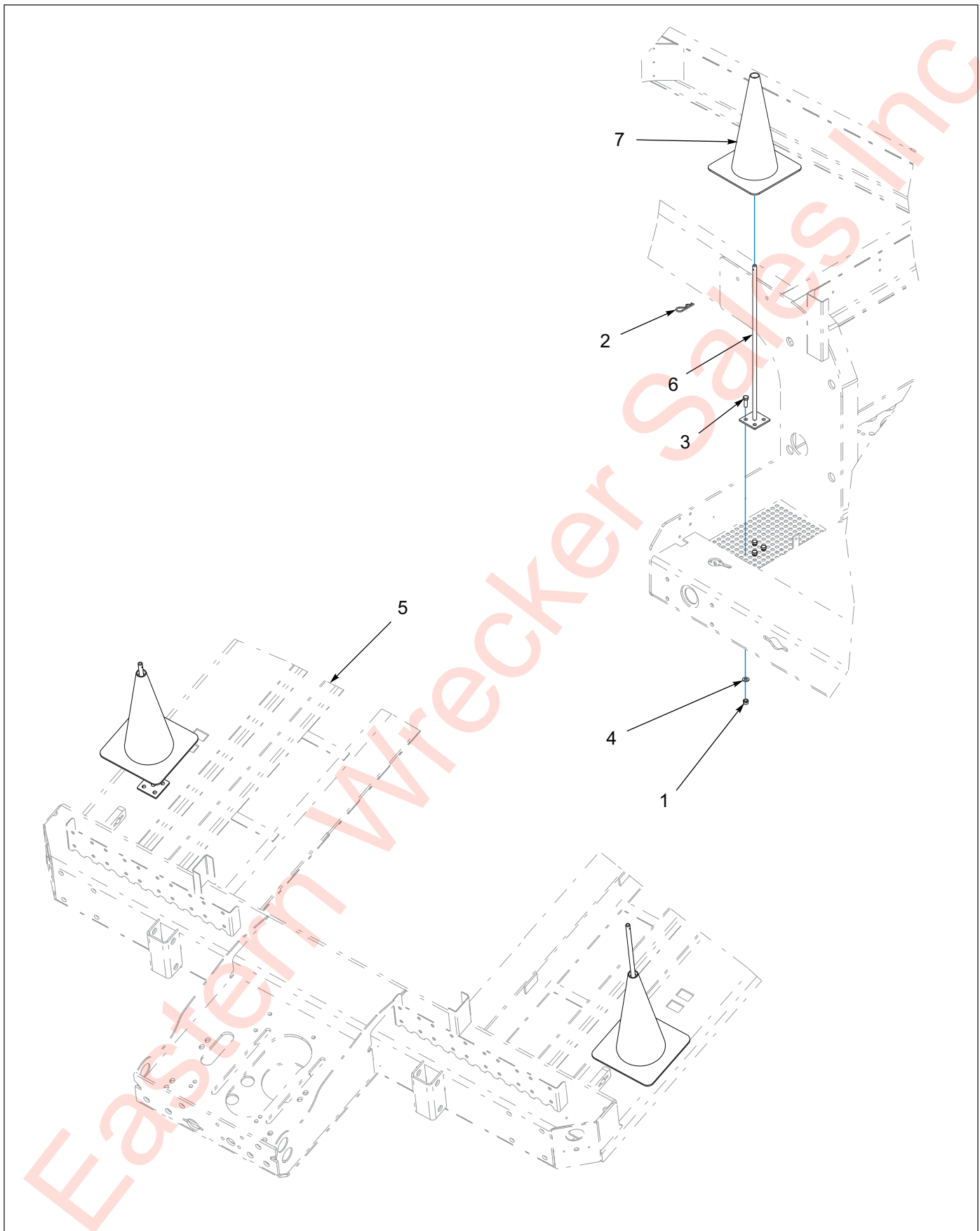


Figure 1-69: Cone Holder Assembly

Cone Holder Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	187899	CONE HOLDER ASSEMBLY	
1	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 UNC GRB	4
2	1-557-010013	HAIR PIN 3/16 DIA	1
3	1-654-010055-03	SCREW, HEX, 1/2-13 X 1-1/2 GR5	4
4	1-861-010032-14	WASHER, FLAT 1/2N	4
5	180913	FRAME WLDMT 343-102-43	REF
6	187898	CONE HOLDER	1
7	187900	TRAFFIC CONE	REF

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1900 North Street
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