

PhiBer Vertical Stacking Accumulator



Model: VS1204



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PART'S MANUAL

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VS1204

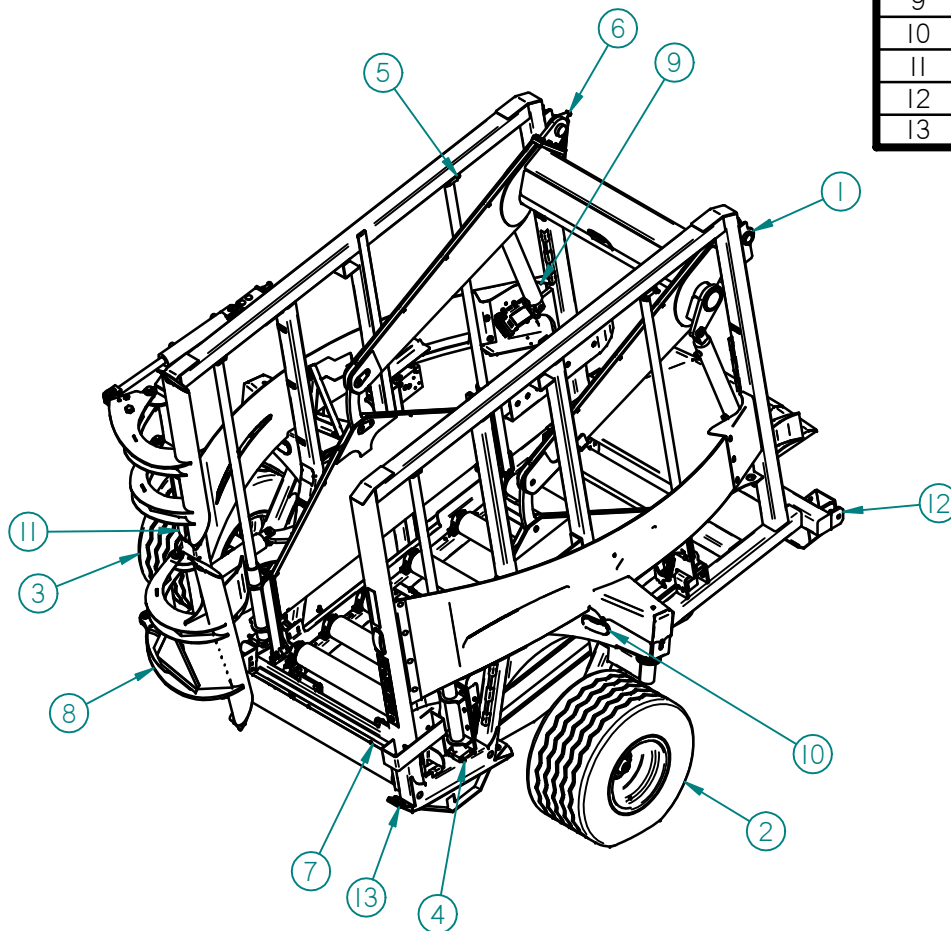
BALE STACKING ACCUMULATOR 2016

WHG200604

Serial # VS16130000248

AND <

Item	Part NO.	Description	QTY
1	ASM200604	MAIN FRAME ASSEMBLY	1
2	ASM200661	RH CASTER ASSEMBLY	1
3	ASM200662	LH CASTER ASSEMBLY	1
4	ASM200663	RH SLIDE TRUCK	1
5	ASM200664	LH SLIDE TRUCK	1
6	ASM200665	LOAD LIFT ARM ASM	1
7	ASM200667	ROLLER BED	1
8	ASM200668	GATE ASSEMBLY	1
9	CMPI00122	PHIBER SERIAL PLATE	1
10	ELCI00109	LIGHT, OVAL AMBER	2
11	ELCI00182	LIGHT, OVAL RED GRO 52892	2
12	WLD200732	FRONT SHIPPING STAND	2
13	WLD200733	REAR SHIPPING STAND	2



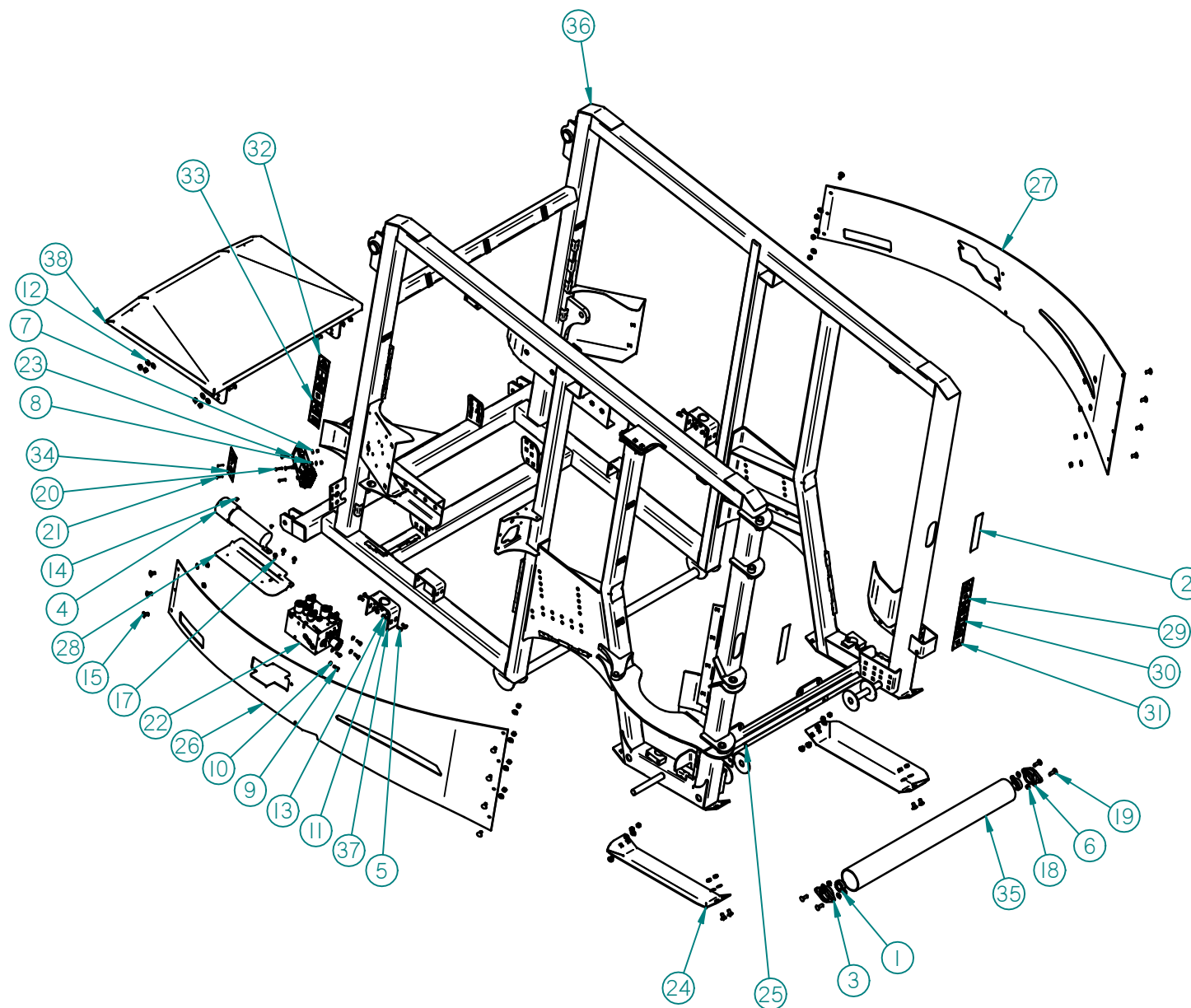
VS1204

MAIN FRAME ASSEMBLY

ASM200604

Serial # VS16130000248

AND <



VS1204

MAIN FRAME ASSEMBLY

ASM200604

Serial # VS16130000248

AND <

Item	Part NO.	Description	QTY	Item	Part NO.	Description	QTY
1	CMPI00109	BEARING YET 206-104	2	35	WLD200639	REAR ROLLER, STACKER	1
2	CMPI00115	CONSPICUITY TAPE - SOLID RED	2	36	WLD200707	STACKER MAIN FRAME	1
3	CMPI00169	FL206 2-BOLT HOUSING	2	37	WLD200716	SLIDE SHAFT FRONT MOUNT	2
4	CMPI00313	MANUAL CANISTER	1	38	WLD200719	BALE TRANSITION DECK	1
5	FSTI00146	3/8" x 1 1/4" CARRIAGE BOLT	8				
6	FSTI00106	1/2" FLAT WASHER	26				
7	FSTI00134	1/4" FLAT WASHER	4				
8	FSTI00135	1/4" LOCK NUT	4				
9	FSTI00141	3/8" X 1" CAP SCREW	4				
10	FSTI00149	3/8" LOCK WASHER	4				
11	FSTI00150	3/8" FLAT WASHER	8				
12	FSTI00151	1/2" FLAT WASHER HARDENED	8				
13	FSTI00206	3/8" LOCKNUT	8				
14	FSTI00228	POP RIVET STEEL 3/16 X 1/2 X 5/8	2				
15	FSTI00232	1/2" X 1" CARRIAGE BOLT	23				
16*	FSTI00235	1/2" X 1 1/4" CARRIAGE BOLT	4				
17	FSTI00263	5/16" x 1" SELF TAP	3				
18	FSTI00356	1/2" CRIMP NUT	34				
19	FSTI00399	1/2" X 1 1/2" CARRIAGE BOLT	8				
20	FSTI00448	1/4" X 3/4" CARRIAGE BOLT	4				
21	FSTI00511	4MM X 30MM BOLT	2				
22	HYDI00660	VALVE BLOCK STACKER 2016	1				
23	KITI00530	FALCON CONTROL KIT FLAT	1				
24	PCT200866	SKID PLATE	2				
25	PCT200869	WIRE GUARD	1				
26	PCT200947	LH PLASTIC SIDE	1				
27	PCT200948	RH PLASTIC SIDE	1				
28	PCT200958	HYDRAULIC COVER	1				
29	SAF200100	SLIPPING HAZARD IN ACCUMULATOR	2				
30	SAF200101	FALLING BALE HAZARD BEHIND	1				
31	SAF200102	NO CLIMBING UNDER BALES IN	1				
32	SAF200104	READ SAFETY MANUAL	1				
33	SAF200105	ROLL-OVER RISK AT 20 MPH	1				
34	SAF200108	ROLL-OVER RISK AT 20 MPH	1				

VS1204

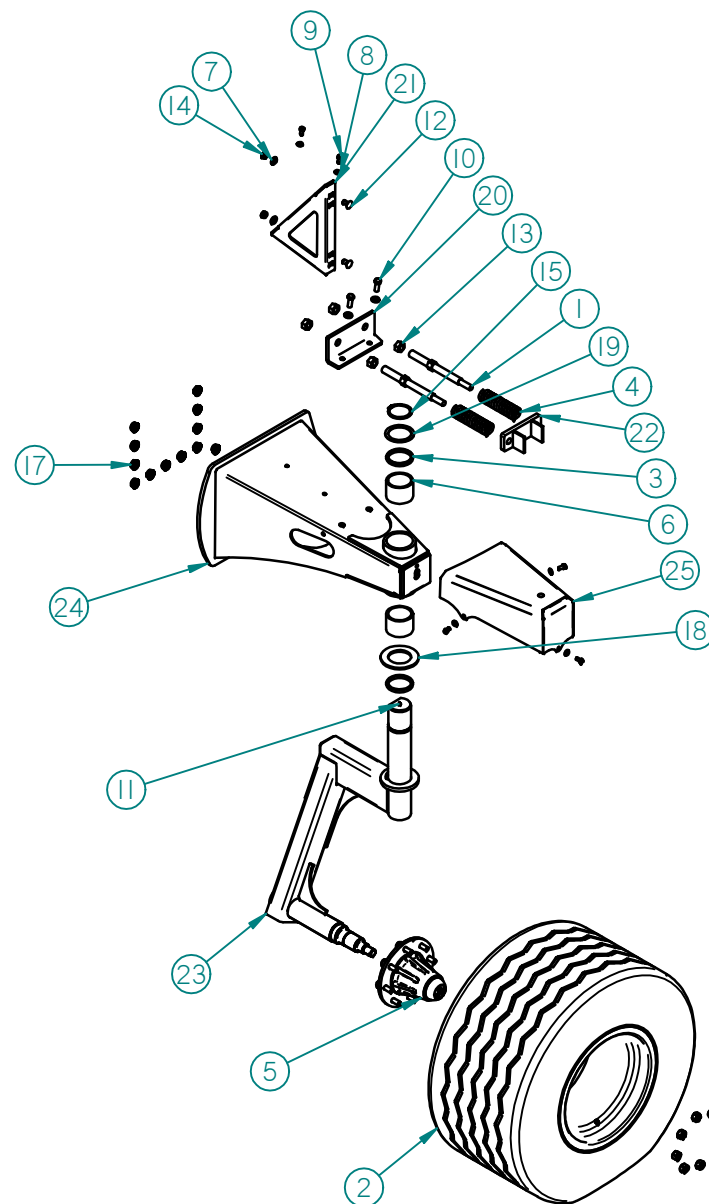
RH CASTER ASSEMBLY

ASM200661

Serial # VS16130000248

AND <

Item	Part NO.	Description	QTY
1	ASM200653	CASTER DETENT	2
2	CMPI00306	TIRE 18L-16.1 SL WITH WHEEL	1
3	CMPI00307	GREASE SEAL	2
4	CMPI00758	SPRING, PU TENSIONER, STACKER	2
5	CMP200175	HUB HD 812-10	1
6	CMP200602	GARFIL BUSHING 3.5" OD X .250" X	2
7	FST100106	1/2" FLAT WASHER	4
8	FST100150	3/8" FLAT WASHER	5
9	FST100140	3/8" X 3/4" CAP SCREW	5
10	FST100191	1/2" X 1 1/2" CAP SCREW	2
11	FST100212	GREASE ZERK 1/4" - 28 SHORT -	2
12	FST100232	1/2" X 1" CARRIAGE BOLT	2
13	FST100256	7/8" NC NUT	4
14	FST100356	1/2" CRIMP NUT	2
15	FST100406	SNAP RING EXTERNAL 3.000	1
16*	FST100431	5/8" X 2" CARRIAGE BOLT GR8	12
17	FST100443	5/8" CRIMP NUT	12
18	PCT200703	CASTER WASHER	1
19	PCT200705	CASTER WASHER	1
20	PCT200917	SPRING LOADED STEERING GUIDE	1
21	PCT200918	PLASTIC MIDDLE SUPPORT	1
22	WLD200663	STEERING GUIDE	1
23	WLD200694	WIDE RH CASTER	1
24	WLD200703	WIDE CASTER BOX RH	1
25	WLD200723	DETENT COVER WELDMENT RH	1



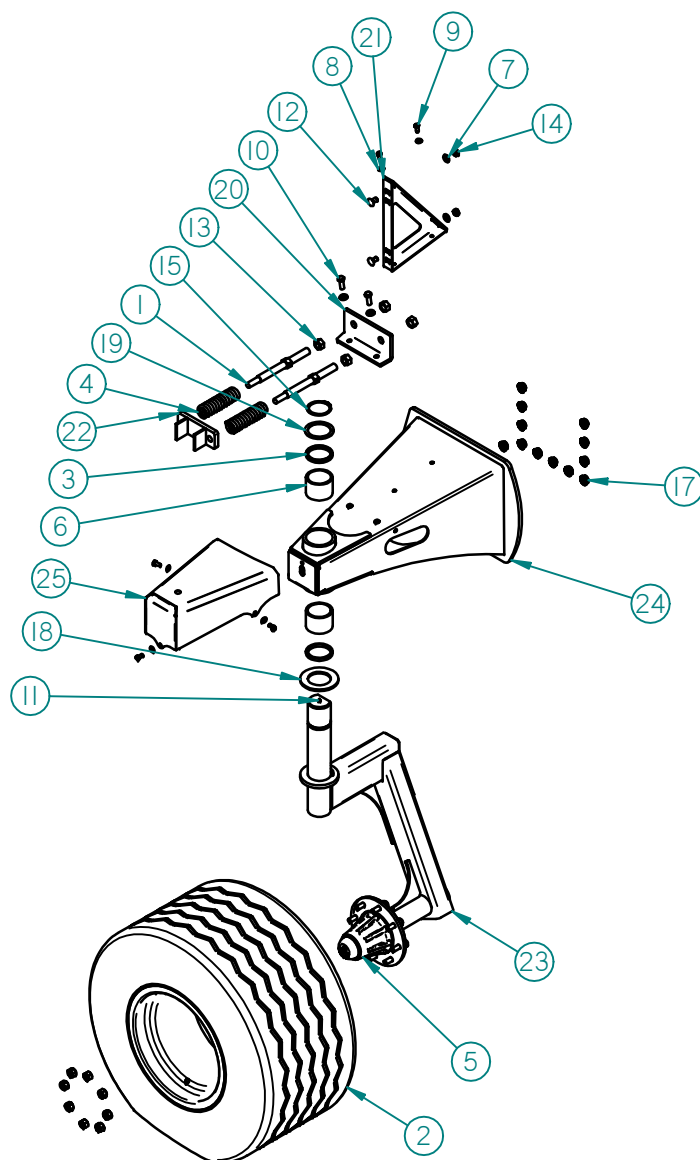
VS1204

LH CASTER ASSEMBLY

ASM200662

Serial # VS16130000248

AND <



Item	Part NO.	Description	QTY
1	ASM200653	CASTER DETENT	2
2	CMP100306	TIRE 18L-16.1 SL WITH WHEEL	1
3	CMP100307	GREASE SEAL	2
4	CMP100758	SPRING, PU TENSIONER, STACKER	2
5	CMP200175	HUB HD 812-10	1
6	CMP200602	GARFIL BUSHING 3.5" OD X .250" X	2
7	FST100106	1/2" FLAT WASHER	4
8	FST100150	3/8" FLAT WASHER	5
9	FST100140	3/8" X 3/4" CAP SCREW	5
10	FST100191	1/2" X 1 1/2" CAP SCREW	2
11	FST100212	GREASE ZERK 1/4" - 28 SHORT -	2
12	FST100232	1/2" X 1" CARRIAGE BOLT	2
13	FST100256	7/8" NC NUT	4
14	FST100356	1/2" CRIMP NUT	2
15	FST100406	SNAP RING EXTERNAL 3.000	1
16*	FST100431	5/8" X 2" CARRIAGE BOLT GR8	12
17	FST100443	5/8" CRIMP NUT	12
18	PCT200703	CASTER WASHER	1
19	PCT200705	CASTER WASHER	1
20	PCT200917	SPRING LOADED STEERING GUIDE	1
21	PCT200918	PLASTIC MIDDLE SUPPORT	1
22	WLD200663	STEERING GUIDE	1
23	WLD200714	LH CASTER	1
24	WLD200715	LH CASTER BOX	1
25	WLD200724	DETENT COVER WELDMENT LH	1

VS1204

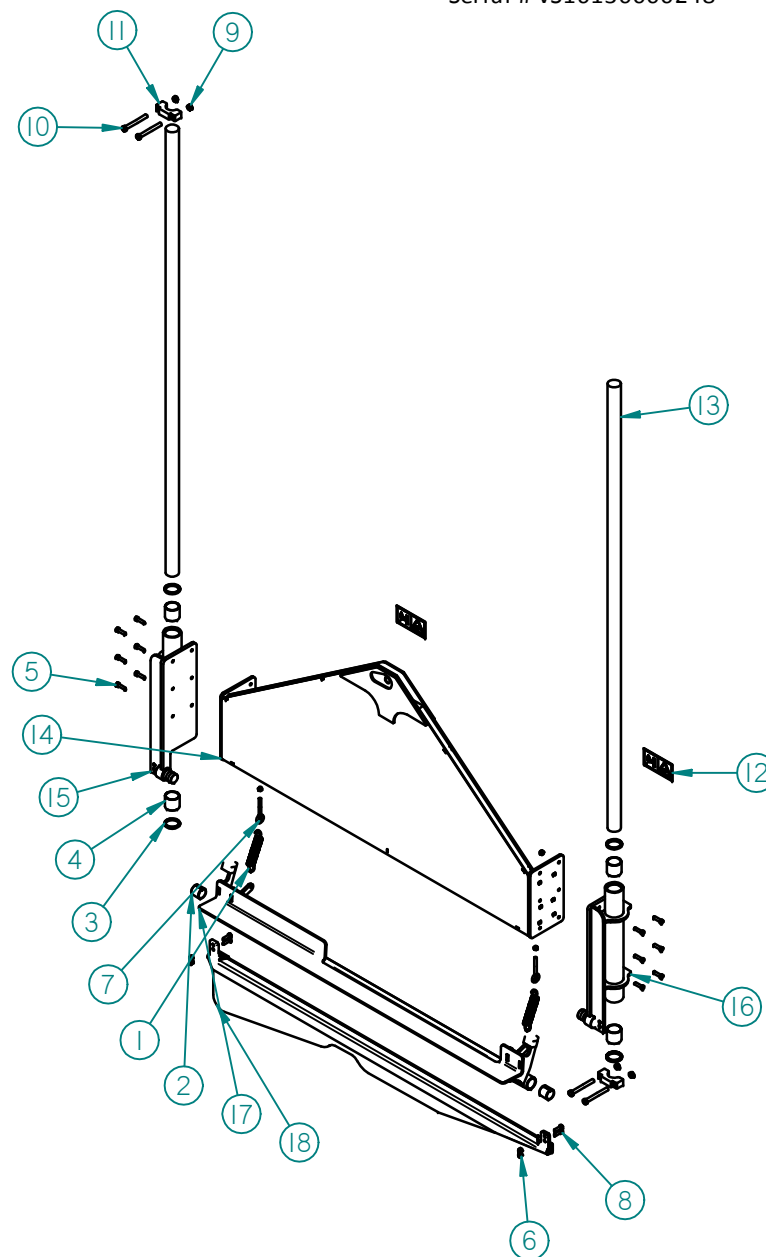
RH SLIDE TRUCK

ASM200663

Serial # VS16130000248

AND <

Item	Part NO.	Description	QTY
1	CMPI00145	EXTENSION SPRING (BALE BUTTON)	2
2	CMPI00271	24 DU 24 PTFE BRONZE/STEEL	2
3	CMP200601	WIPER SEAL	4
4	CMP700276	32 DU 32 PTFE BRONZE/STEEL	4
5	FSTI00201	3/8" X 1 1/2" CAP SCREW	12
6	FSTI00206	3/8" LOCKNUT	18
7	FSTI00226	3/8" X 3" EYE BOLT	2
8	FSTI00241	3/8" X 1 1/4" CAP SCREW	4
9	FSTI00356	1/2" CRIMP NUT	4
10	FSTI00407	1/2" X 4 1/2" CAP SCREW	4
11	PCT200935	SLIDE SHAFT CLAMP	2
12	SAF200103	PINCH POINT HAZARD UNDER LIFT IN	2
13	SAW200600	SLIDER SHAFT	2
14	WLD200604	SLIDE TRUCK BRACE RH (PANNEL)	1
15	WLD200642	TRUCK SLIDER RH	1
16	WLD200643	TRUCK SLIDER LH	1
17	WLD200670	LIFT TRUCK RH	1
18	WLD200713	RIGHT HAND BALE GUIDE	1



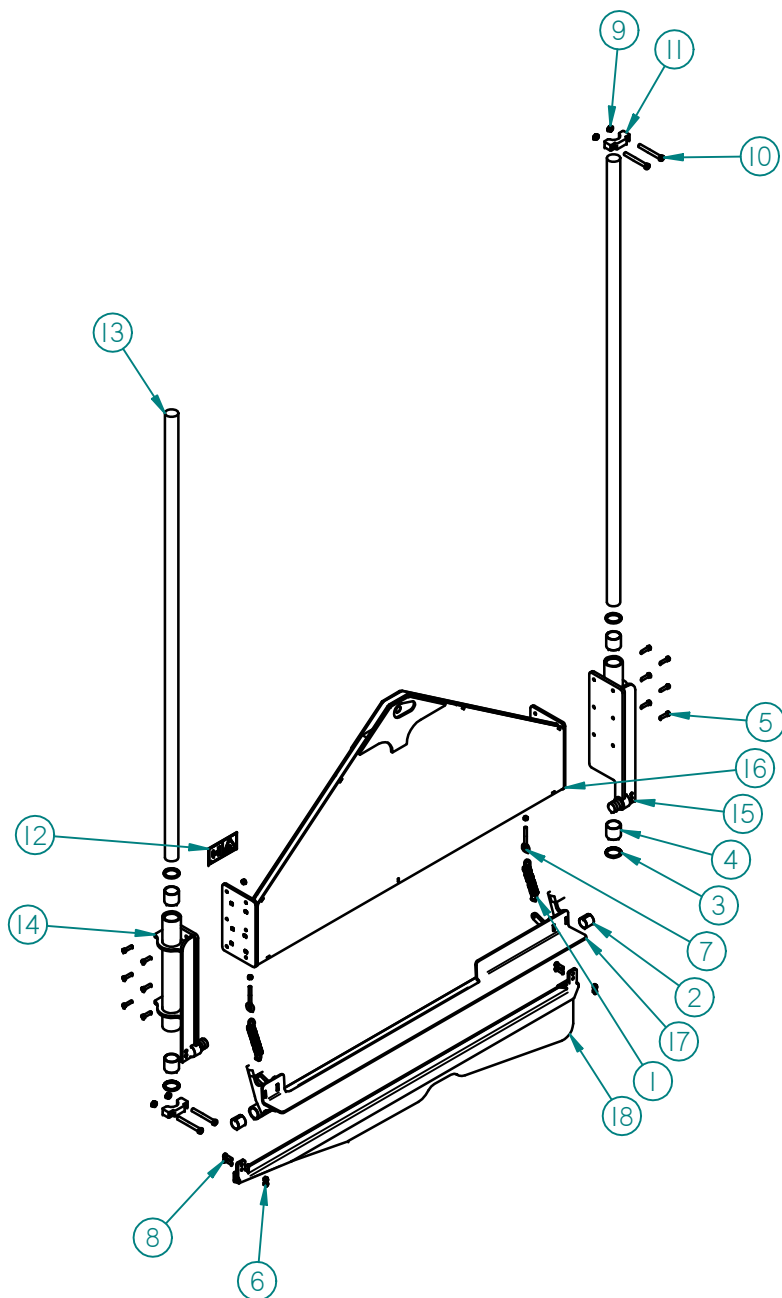
VS1204

LH SLIDE TRUCK

ASM200664

Serial # VS16130000248

AND <



Item	Part NO.	Description	QTY
1	CMP100145	EXTENSION SPRING (BALE BUTTON)	2
2	CMP100271	24 DU 24 PTFE BRONZE/STEEL	2
3	CMP200601	WIPER SEAL	4
4	CMP700276	32 DU 32 PTFE BRONZE/STEEL	4
5	FST100201	3/8" X 1 1/2" CAP SCREW	12
6	FST100206	3/8" LOCKNUT	18
7	FST100226	3/8" X 3" EYE BOLT	2
8	FST100241	3/8" X 1 1/4" CAP SCREW	4
9	FST100356	1/2" CRIMP NUT	4
10	FST100407	1/2" X 4 1/2" CAP SCREW	4
11	PCT200935	SLIDE SHAFT CLAMP	2
12	SAF200103	PINCH POINT HAZARD UNDER LIFT IN	2
13	SAW200600	SLIDER SHAFT	2
14	WLD200642	TRUCK SLIDER RH	1
15	WLD200643	TRUCK SLIDER LH	1
16	WLD200657	SLIDE TRUCK BRACE LH (PANNEL)	1
17	WLD200671	LIFT TRUCK LH	1
18	WLD200699	LEFT HAND BALE GUIDE	1

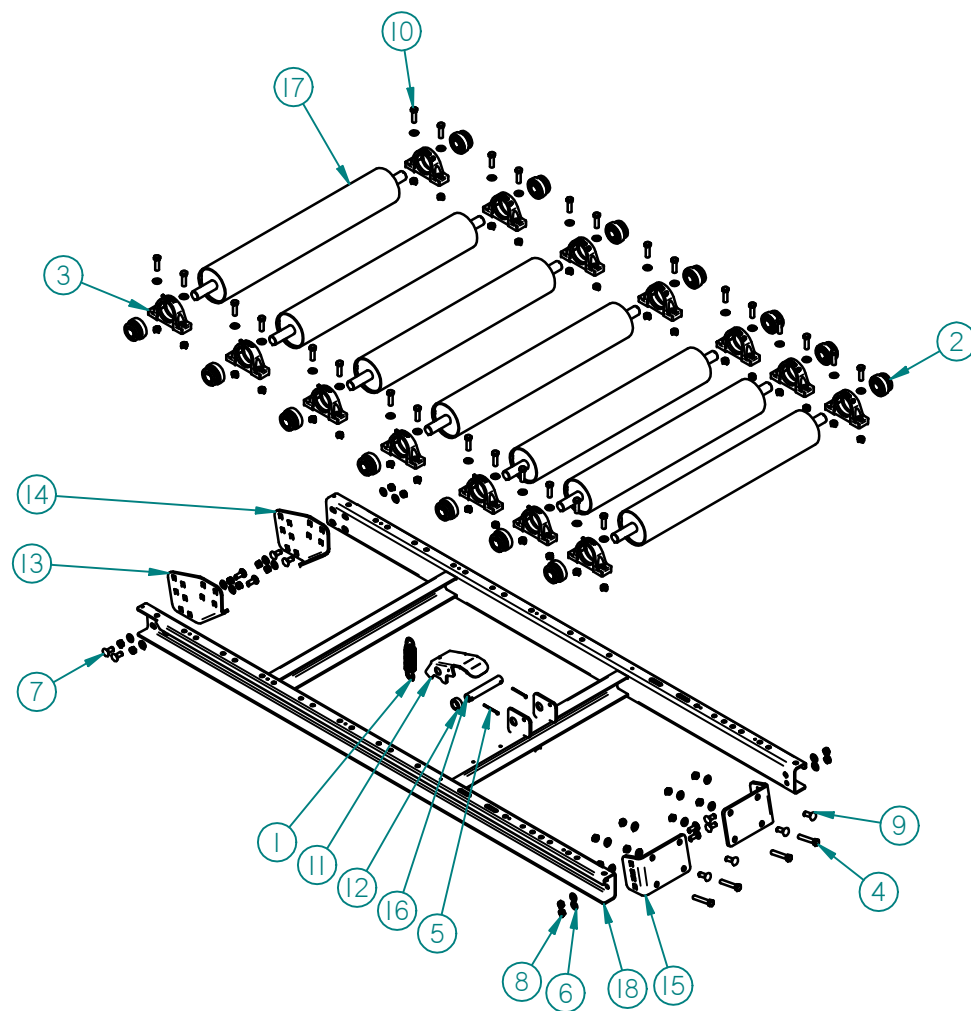
VS1204

ROLLER BED

ASM200667

Serial # VS16130000248

AND <



Item	Part NO.	Description	QTY
1	300346	SPRING EXTEN. FLOOR SW., STACKER	1
2	CMPI00109	BEARING YET 206-104	14
3	CMPI00134	P206 PILLOW BLOCK	14
4	FST-100193	1/2" x 3" BOLT	4
5	FST-100314	1/4" x 2" COTTER PIN	2
6	FST100151	1/2" FLAT WASHER HARDENED	48
7	FST100235	1/2" X 1 1/4" CARRIAGE BOLT	12
8	FST100356	1/2" CRIMP NUT	48
9	FST100399	1/2" X 1 1/2" CARRIAGE BOLT	4
10	FST100421	1/2" X 1 3/4" CAP SCREW	28
11	PCT200723	BALE BUTTON	1
12	PCT200731	BALE BUTTON SPACER	1
13	PCT200808	REAR ROLLER BED MOUNT LH	1
14	PCT200825	REAR ROLLER BED MOUNT RH	1
15	PCT200929	REAR ROLLER BED MOUNT	2
16	SAW200694	BALE BUTTON TUBE	1
17	WLD200634	32" ROLLER	7
18	WLD200702	ROLLER BED WITH BELT OPTION	1

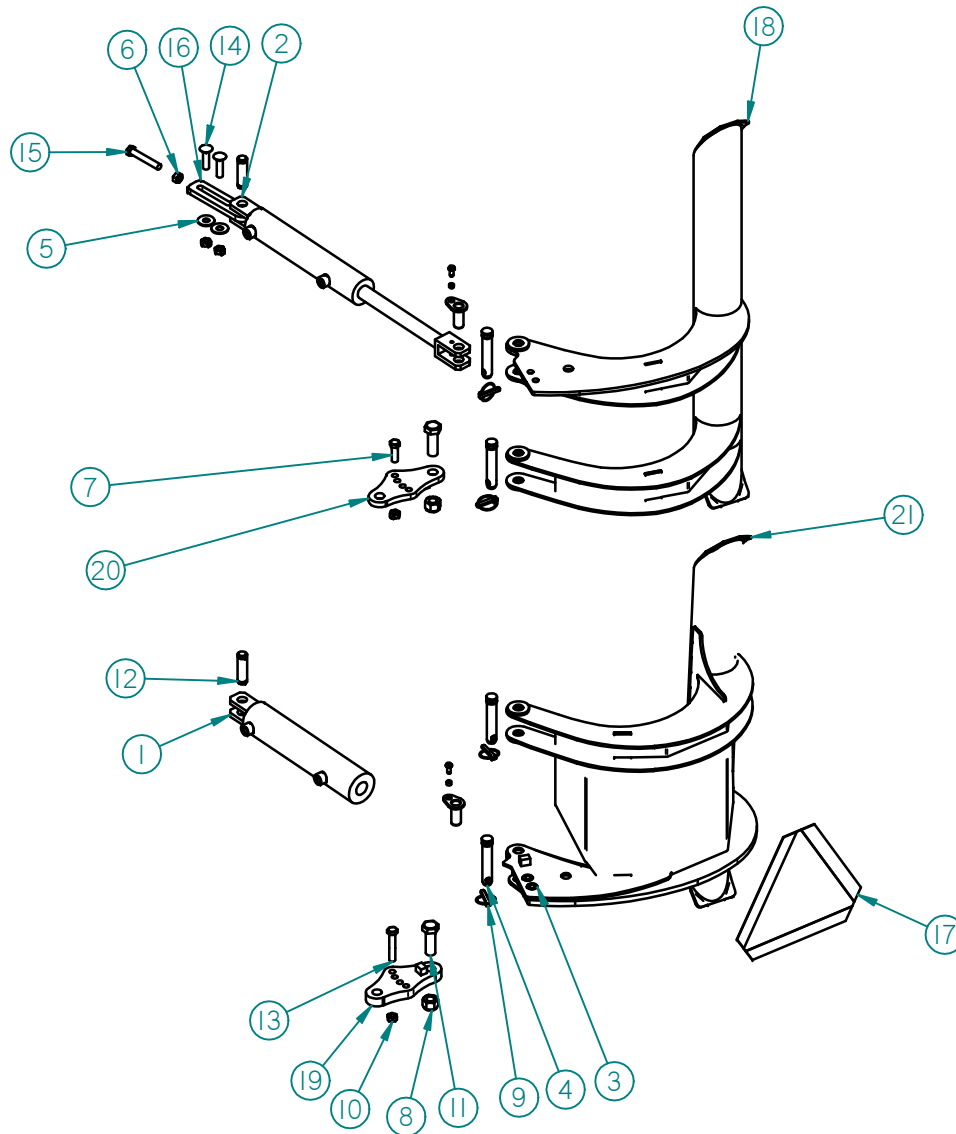
VS1204

GATE ASSEMBLY

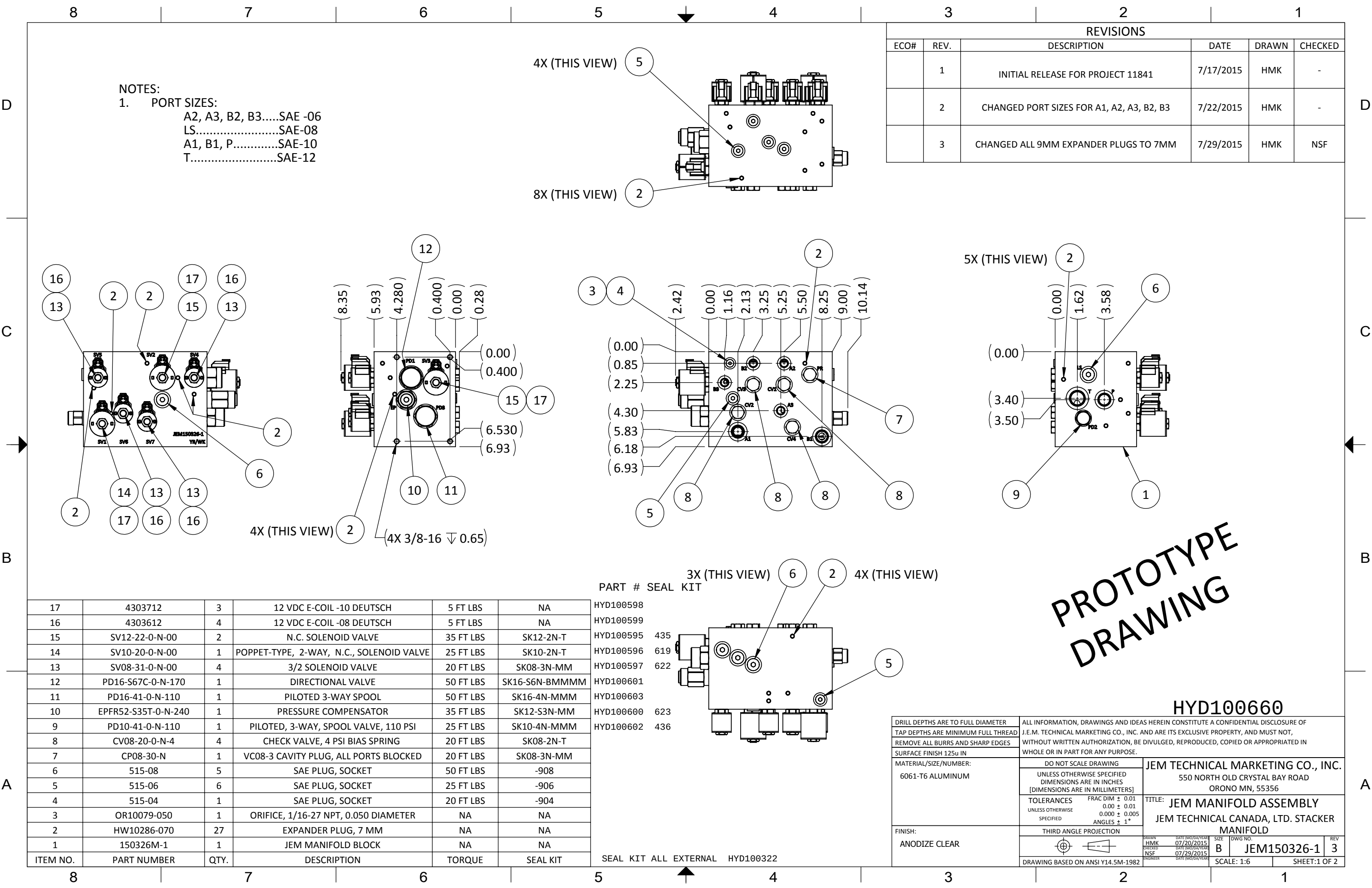
ASM200668

Serial # VS16130000248

AND <



Item	Part NO.	Description	QTY
1	ASM200651	GATE CYLINDER ASSEMBLY	1
2	ASM200669	GATE CYLINDER ASSEMBLY	1
3	CMP201011	DRILL BUSHING H-56-24, 41/64	2
4	CMP700280	3PP8I 3PT HITCH PIN	4
5	FST100111	5/8" FLAT WASHER	3
6	FST100112	5/8" NUT	1
7	FST100186	5/8" X 2" CAP SCREW	1
8	FST100245	1" LOCKNUT	2
9	FST100264	7/16" LYNCH PIN	4
10	FST100278	5/8" CRIMP NUT	4
11	FST100335	1" X 3" CAP SCREW	2
12	FST100375	CYL PIN 1" X 2.75" USEABLE LENGTH	2
13	FST100423	5/8" X 3 1/2" CAP SCREW GRADE 8	1
14	FST100458	5/8" X 2" CARRIAGE BOLT GR8	2
15	FST100459	5/8" X 4" CAP SCREW	1
16	PCT200950	CYLINDER LINK ADJUSTABLE SIDE	1
17	SAF200107	SLOW MOVING VEHICLE SIGN	1
18	WLD200727	TOP TAILGATE	1
19	WLD200728	BOTTOM GATE LINK	1
20	WLD200729	TOP GATE LINK	1
21	WLD201021	BOTTOM GATE WELDT	1



NOTES:

1. PORT SIZES:
A2, A3, B2, B3.....SAE -06
LS.....SAE-08
A1, B1, P.....SAE-10
T.....SAE-12

REVISIONS

ECO#	REV.	DESCRIPTION	DATE	DRAWN	CHECKED
	1	INITIAL RELEASE FOR PROJECT 11841	7/17/2015	HMK	-
	2	CHANGED PORT SIZES FOR A1, A2, A3, B2, B3	7/22/2015	HMK	-
	3	CHANGED ALL 9MM EXPANDER PLUGS TO 7MM	7/29/2015	HMK	NSF

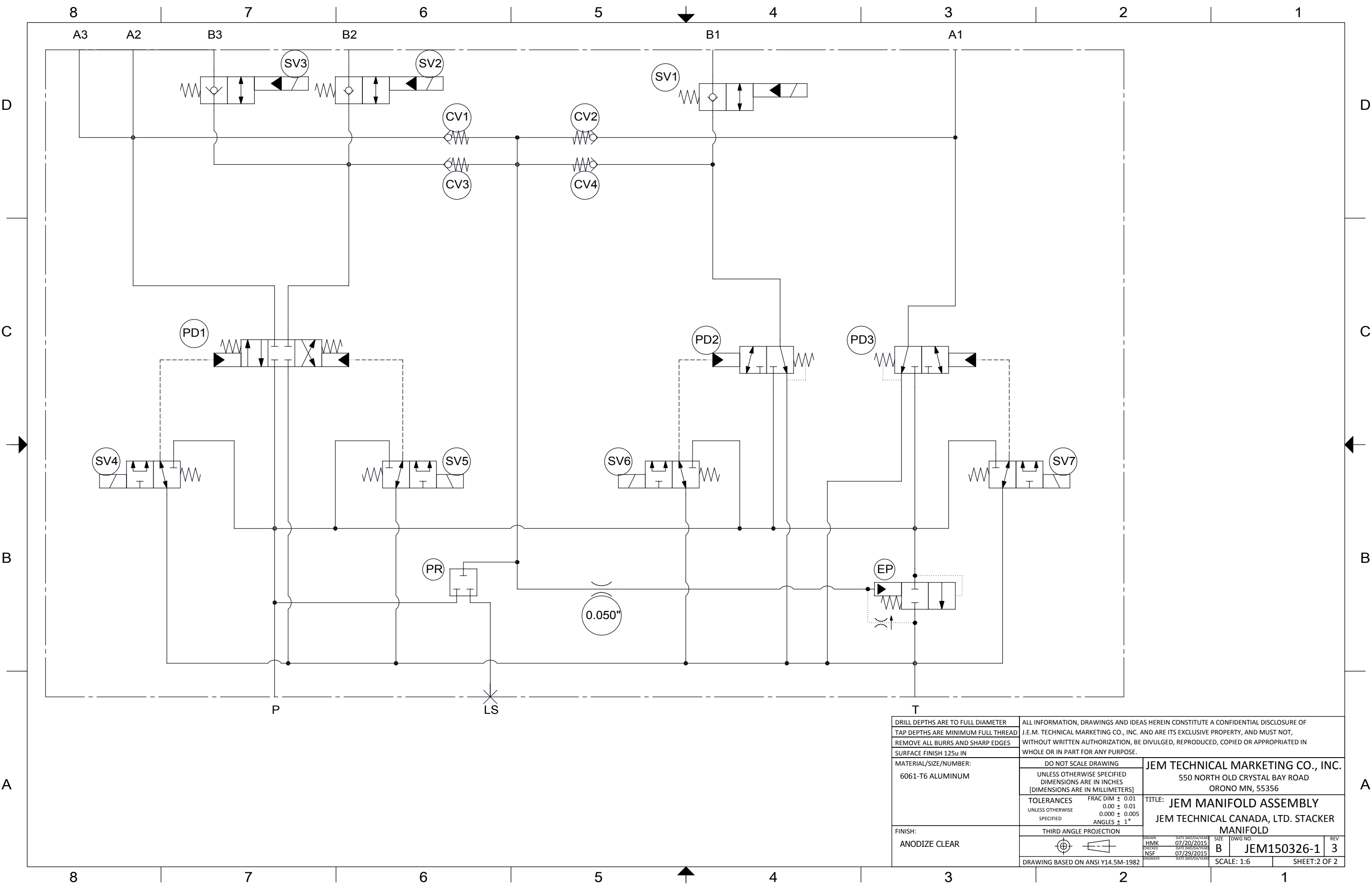
PART # SEAL KIT

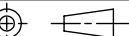
17	4303712	3	12 VDC E-COIL -10 DEUTSCH	5 FT LBS	NA
16	4303612	4	12 VDC E-COIL -08 DEUTSCH	5 FT LBS	NA
15	SV12-22-0-N-00	2	N.C. SOLENOID VALVE	35 FT LBS	SK12-2N-T
14	SV10-20-0-N-00	1	POPPET-TYPE, 2-WAY, N.C., SOLENOID VALVE	25 FT LBS	SK10-2N-T
13	SV08-31-0-N-00	4	3/2 SOLENOID VALVE	20 FT LBS	SK08-3N-MM
12	PD16-S67C-0-N-170	1	DIRECTIONAL VALVE	50 FT LBS	SK16-S6N-BMMMM
11	PD16-41-0-N-110	1	PILOTED 3-WAY SPOOL	50 FT LBS	SK16-4N-MMM
10	EPFR52-S35T-0-N-240	1	PRESSURE COMPENSATOR	35 FT LBS	SK12-S3N-MM
9	PD10-41-0-N-110	1	PILOTED, 3-WAY, SPOOL VALVE, 110 PSI	25 FT LBS	SK10-4N-MMM
8	CV08-20-0-N-4	4	CHECK VALVE, 4 PSI BIAS SPRING	20 FT LBS	SK08-2N-T
7	CP08-30-N	1	VC08-3 CAVITY PLUG, ALL PORTS BLOCKED	20 FT LBS	SK08-3N-MM
6	515-08	5	SAE PLUG, SOCKET	50 FT LBS	-908
5	515-06	6	SAE PLUG, SOCKET	25 FT LBS	-906
4	515-04	1	SAE PLUG, SOCKET	20 FT LBS	-904
3	OR10079-050	1	ORIFICE, 1/16-27 NPT, 0.050 DIAMETER	NA	NA
2	HW10286-070	27	EXPANDER PLUG, 7 MM	NA	NA
1	150326M-1	1	JEM MANIFOLD BLOCK	NA	NA
ITEM NO.	PART NUMBER	QTY.	DESCRIPTION	TORQUE	SEAL KIT

SEAL KIT ALL EXTERNAL HYD100322

HYD100660

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TAP DEPTHS ARE MINIMUM FULL THREAD					
REMOVE ALL BURRS AND SHARP EDGES					
SURFACE FINISH 125u IN					
MATERIAL/SIZE/NUMBER: 6061-T6 ALUMINUM	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [DIMENSIONS ARE IN MILLIMETERS]	JEM TECHNICAL MARKETING CO., INC. 550 NORTH OLD CRYSTAL BAY ROAD ORONO MN, 55356			
FINISH: ANODIZE CLEAR	TOLERANCES UNLESS OTHERWISE SPECIFIED FRAC DIM ± 0.01 0.00 ± 0.01 0.000 ± 0.005 ANGLES $\pm 1^\circ$	TITLE: JEM MANIFOLD ASSEMBLY JEM TECHNICAL CANADA, LTD. STACKER MANIFOLD			
	THIRD ANGLE PROJECTION	DRAWN HMK 07/20/2015	DATE (MO/DY/YEAR)	SIZE B	DWG NO. JEM150326-1
		NSF 07/29/2015	DATE (MO/DY/YEAR)	SCALE: 1:6	REV 3
		ENGINEER		SHEET:1 OF 2	



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TAP DEPTHS ARE MINIMUM FULL THREAD								
REMOVE ALL BURRS AND SHARP EDGES								
SURFACE FINISH 125u IN								
MATERIAL/SIZE/NUMBER: 6061-T6 ALUMINUM		DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [DIMENSIONS ARE IN MILLIMETERS]		JEM TECHNICAL MARKETING CO., INC. 550 NORTH OLD CRYSTAL BAY ROAD ORONO MN, 55356				
		TOLERANCES UNLESS OTHERWISE SPECIFIED FRAC DIM ± 0.01 0.00 ± 0.01 0.000 ± 0.005 ANGLES ± 1°		TITLE: JEM MANIFOLD ASSEMBLY JEM TECHNICAL CANADA, LTD. STACKER MANIFOLD				
FINISH: ANODIZE CLEAR		THIRD ANGLE PROJECTION 		DRAWN HMK 07/20/2015 DATE (MO/DA/YEAR)		SIZE B	DWG NO. JEM150326-1	REV 3
		DRAWING BASED ON ANSI Y14.5M-1982		CHECKED NSF 07/29/2015 DATE (MO/DA/YEAR)		SCALE: 1:6		SHEET:2 OF 2