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PARTS MANUAL



PIK RITE, INC.

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PROUDLY MADE IN THE USA





HYDRA-RAM 880 BUSHEL HYDRAULIC PUSH MANURE SPREADER

(SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE)

DIRECTION ARROW

ARROWS ARE USED WITH ILLUSTRATIONS TO INDICATE THE FRONT OF THE UNIT. "RIGHT-HAND" AND "LEFT-HAND" SIDES ARE DETERMINED BY FACING THE DIRECTION OF MACHINE FORWARD TRAVEL.

BOX ENCLOSED ILLUSTRATIONS

A REFERENCE NUMBER, SHOWN IN THE PARTS LIST, IS ASSIGNED TO A BOX ENCOMPASSING ALL PARTS SOLD AS A SERVICE ASSEMBLY.

REFERENCE NUMBER IDENTIFICATION

000-099	PARTS USED FOR ASSEMBLY
100-199	BOLTS & FASTENERS
800-899	REPLACEMENT PARTS OR SERVICE ASSEMBLIES – USED TO REPLACE OR REBUILD COMPONENTS OF THE MACHINE

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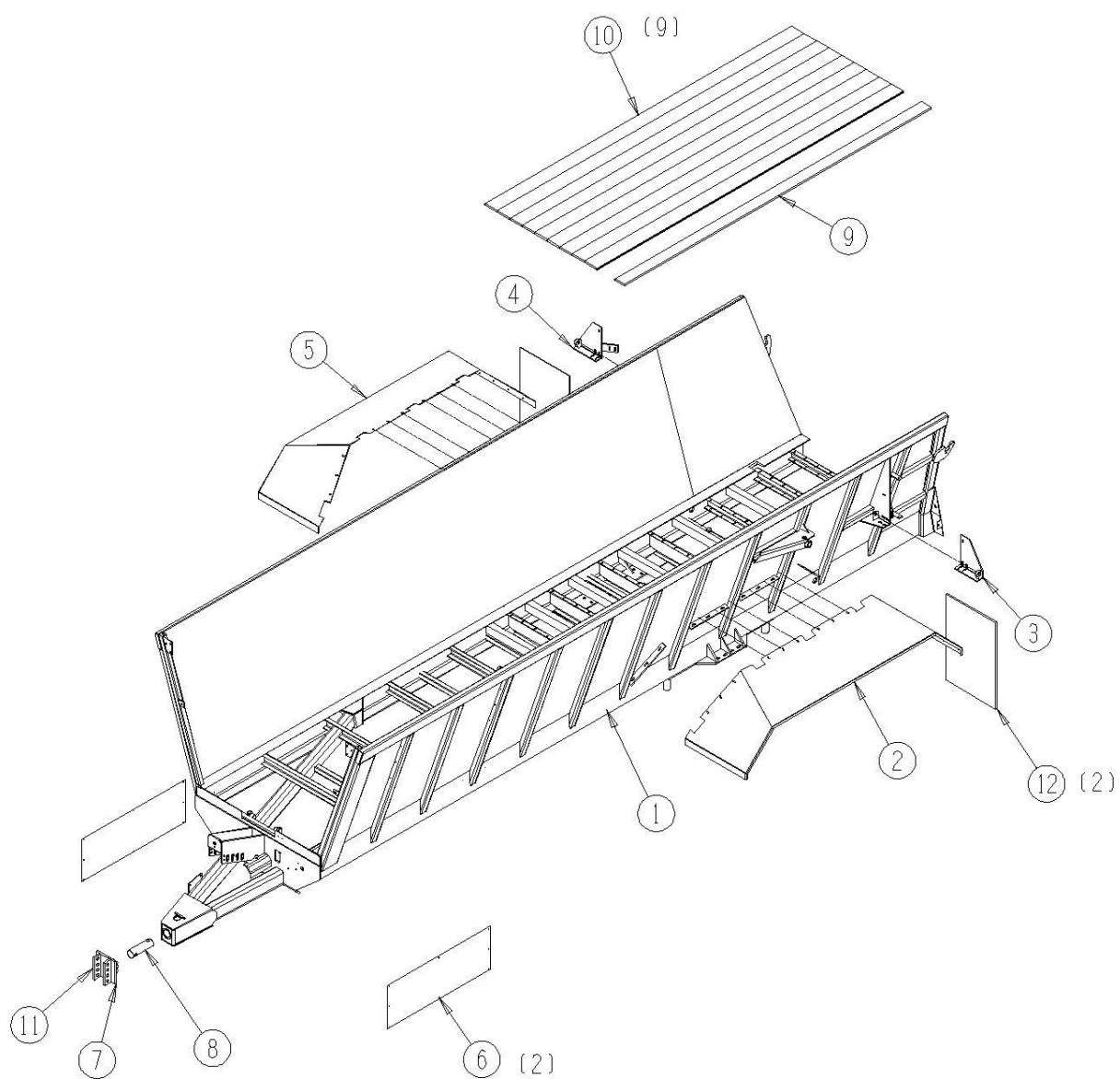
7514-06-02 DECALS, SIDE & REAR..... 66

PARTS
CATALOG

7514-01-01 Main Frame & Floor

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR80000	Main Frame, 1880 VB X	1		
2	PR60022	Fender, LH, 880 Bushel Spreader	1		
3	PR60023	Bracket, LH, End Gate Mount	1		
4	PR60024	Bracket, RH, End Gate Mount, 880 Bushel Spreader	1		
5	PR60036	Fender, RH, 1880 Spreader	1		
6	PR60043	Decal Plate, Angled, Side	2		
7	PR80007	Load Cell Mount, Hitch Area, 1880 VB	1		
8	PR63101	Hitch Shaft, w/ Guard	1		
9	PR80009	Floor, End	1		
10	PR80019	Floor, Mid, Tongue and Groove	9		
11	TH-0002	Bull-Pull Articulating Hitch, 3-Bolt	1		
12	MF-9304	24' X 36' Mudflap, w/ Logo (pc)	2		
100	BL-16-550-H8	1' x 5 1/2', HH C/S G8 ZC	1		

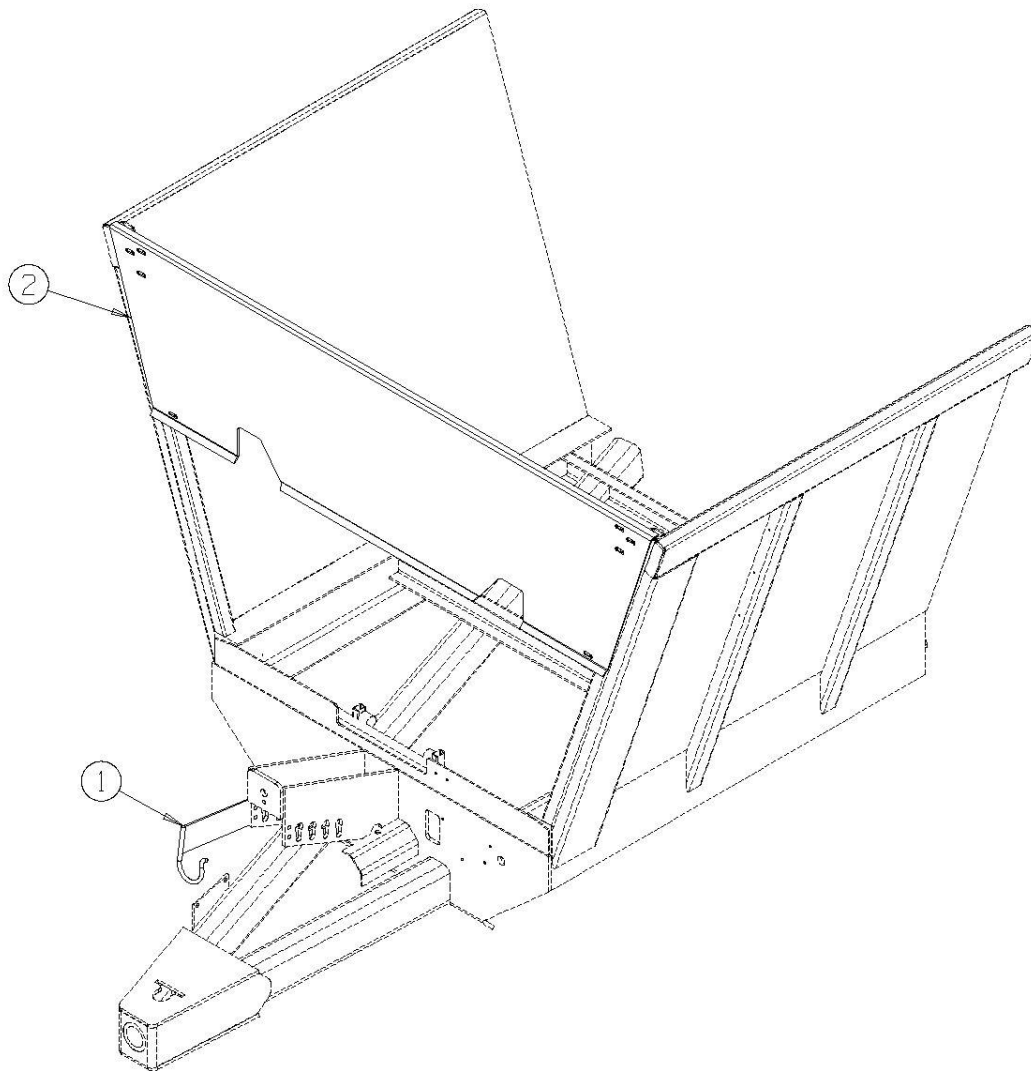
7514-01-01



7514-01-02 Front Shields

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR80072	PTO Holder	1		
2	PR80204	Front Panel	1		

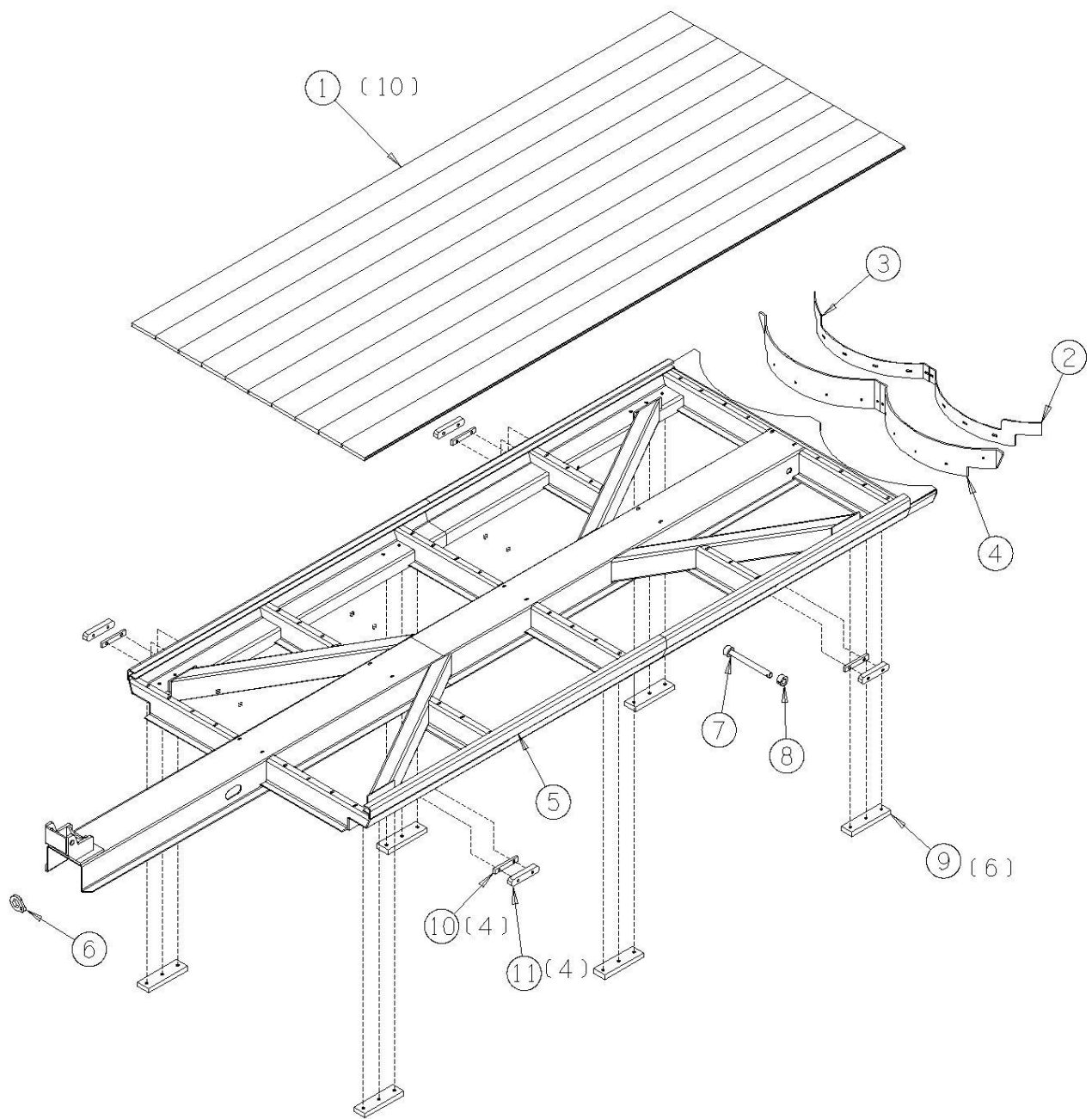
7514-01-02



7514-01-03 Sliding Floor

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR80031	Floor, Sliding Floor	10		
2	PR80040	Scraper, RH, sliding floor, 1880	1		
3	PR80041	Scraper, LH, Sliding floor, 1880	1		
4	PR80042	Belting Scraper, slinding floor, 1880	2		
5	PR80100	Sliding Floor	1		
6	PR80101	Main Cylinder Stop	1		
7	PR80102	Cylinder Pin, Main Cylinder, Sliding Floor	1		
8	PR80103	Cylinder Pin	1		
9	PR80104	Spacer Slider Block	6		
10	PR80105	Side Spacer, Sliding Floor	4		
11	PR80106	Bottom Slider	4		
13	PR80032	Sliding Floor, End	1		

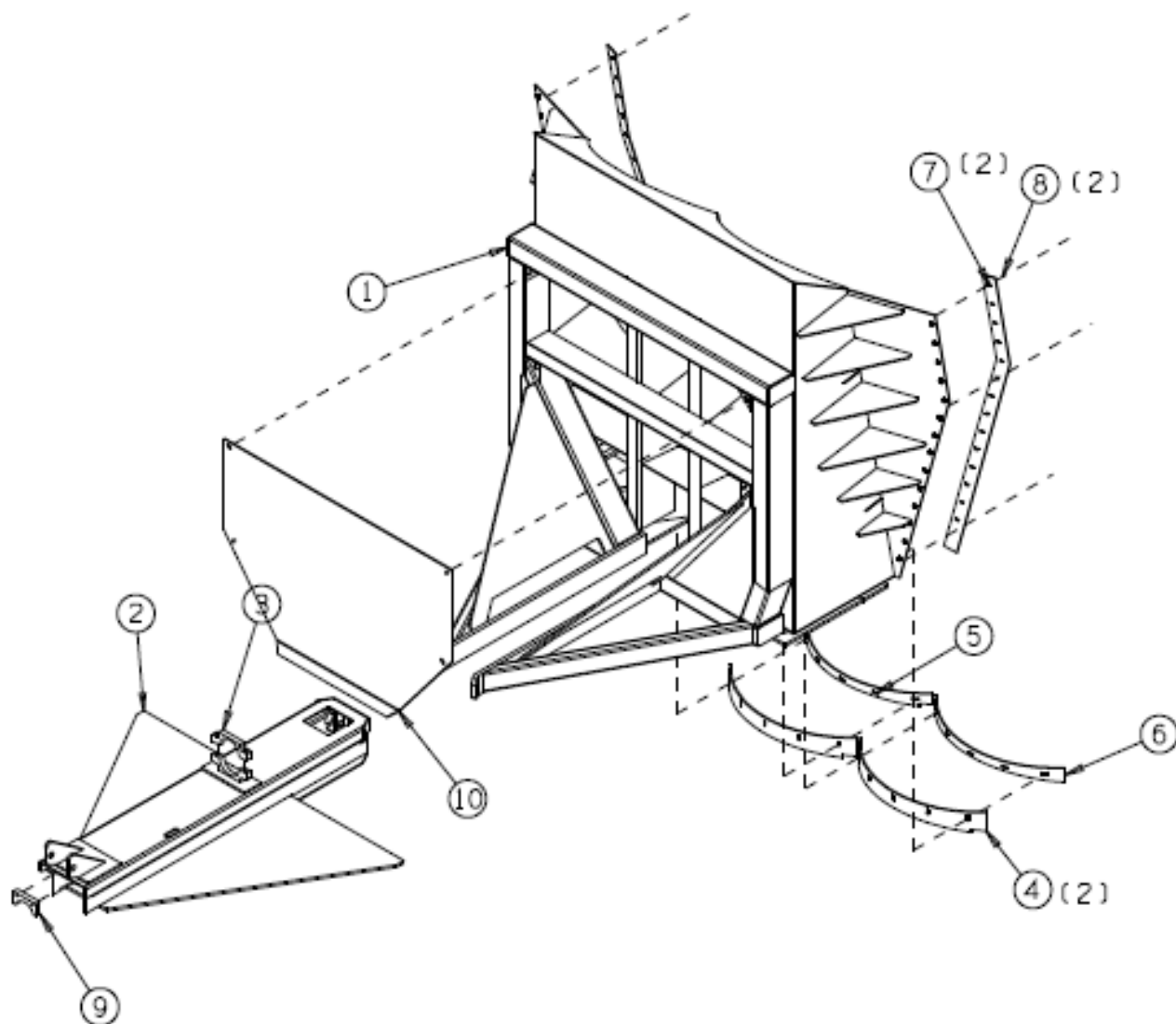
7514-01-03



7514-01-04 Moving Panel

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR80020	Pusher	1		
2	PR80021	First Sliding Section, Pusher	1		
3	PR80021-F	Plate Steel	1		
4	PR80022	Scraper, Pusher	2		
5	PR80023	Backing Bar, Pusher	1		
6	PR80024	Backing Bar, Pusher	1		
7	PR80025	Belting, Pusher Side	2		
8	PR80026	Backing Bar, Pusher	2		
9	PR80078	First Push Spacer, White UHMW	1		
10	PR80029	Panel, Pusher, 1880 Push	1		

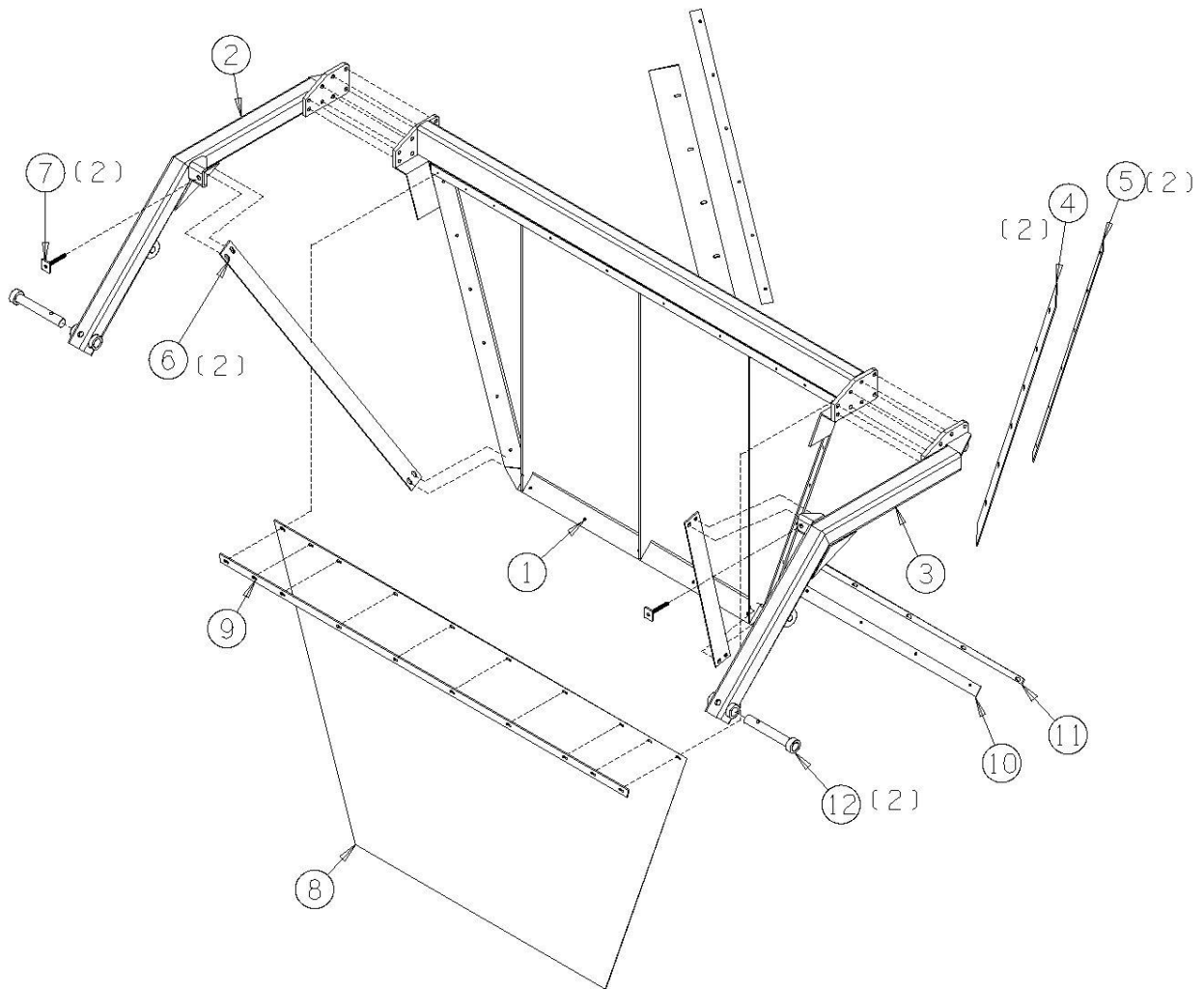
7514-01-04



7514-01-05 Endgate

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR80085	End Gate	1		
2	PR80083	End Gate, Lift Arm, RH	1		
3	PR80082	End Gate, Lift Arm, LH	1		
4	PR80050	Belting, End Gate	2		
5	PR80051	Backing Bar, End Gate	2		
6	PR60084	Bar, Endgate Brace	2		
7	STP-0020	Stop Adjuster, Endgate	2		
8	PR80086	Belting, End Gate Flap, Spreader	1		
9	PR60012	Flat Bar, Backing, End Gate Flap, Spreader	1		
10	PR80088	Bottom Belting, End Gate	1		
11	PR80087	Flat Bar, Bottom Endgate, 1880VB	1		
12	PR60015	End Gate Pin	2		

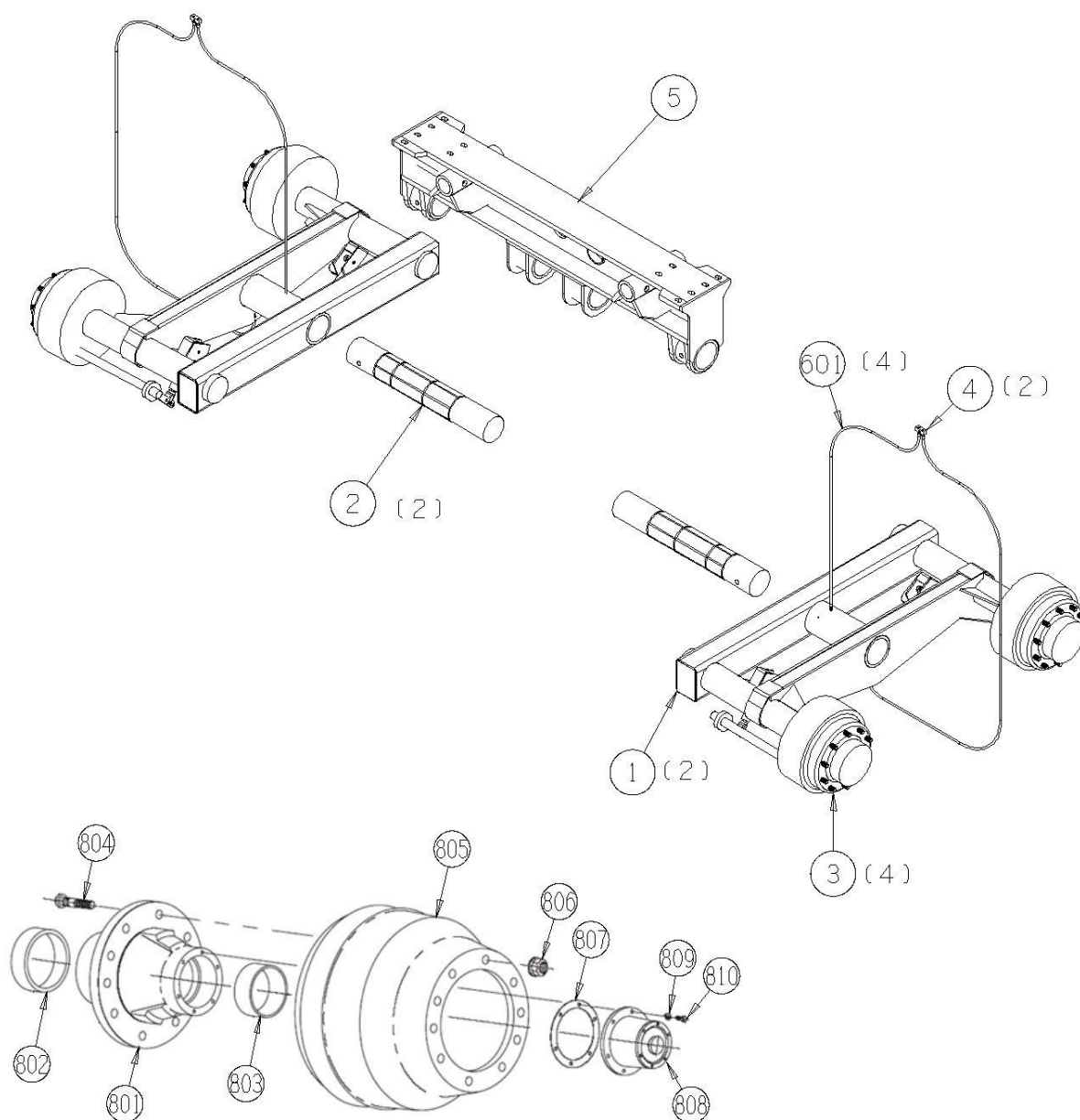
7514-01-05



7514-01-06 Axle & Walking Beam

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR80004	Rocker, Walking Beam	2		
2	PR60003	Shaft, Walking Beam Pivot, 880 Bushel Spreader	2		
3	TRL-2750-2	Dust Cover, For 27,000lb Axles	4		
4	GF-2-2	2' Grease Manifold	2		
5	PR80001	Axle Frame	1		
601	H2-76-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 76 in long	4		
800	TRL-2750-1-02	Assy Hub 10 Stud 285.75mm	1		Special Order Only
801	TRL-2750-1-03	Inner Bearing Cup	1		Special Order Only
802	TRL-2750-1-04	Outer Bearing Cup	1		Special Order Only
803	TRL-2750-1-05	Stud, Press-in M22 x 1.5	10		Special Order Only
804	TRL-2750-1-06	Drum, 16 λ' x 7'	1		Special Order Only
805	TRL-2750-1-07	Swivel Flange Nut	10		Special Order Only
806	TRL-2750-1-08	Gasket, Oil Cap	1		Special Order Only
807	TRL-2750-1-09	Oil Cap (with Vent Plug)	1		Special Order Only
808	TRL-2750-1-10	Lockwasher, Oil Cap	6		Special Order Only
809	TRL-2750-1-11	Cap Screw, Oil Cap	6		Special Order Only

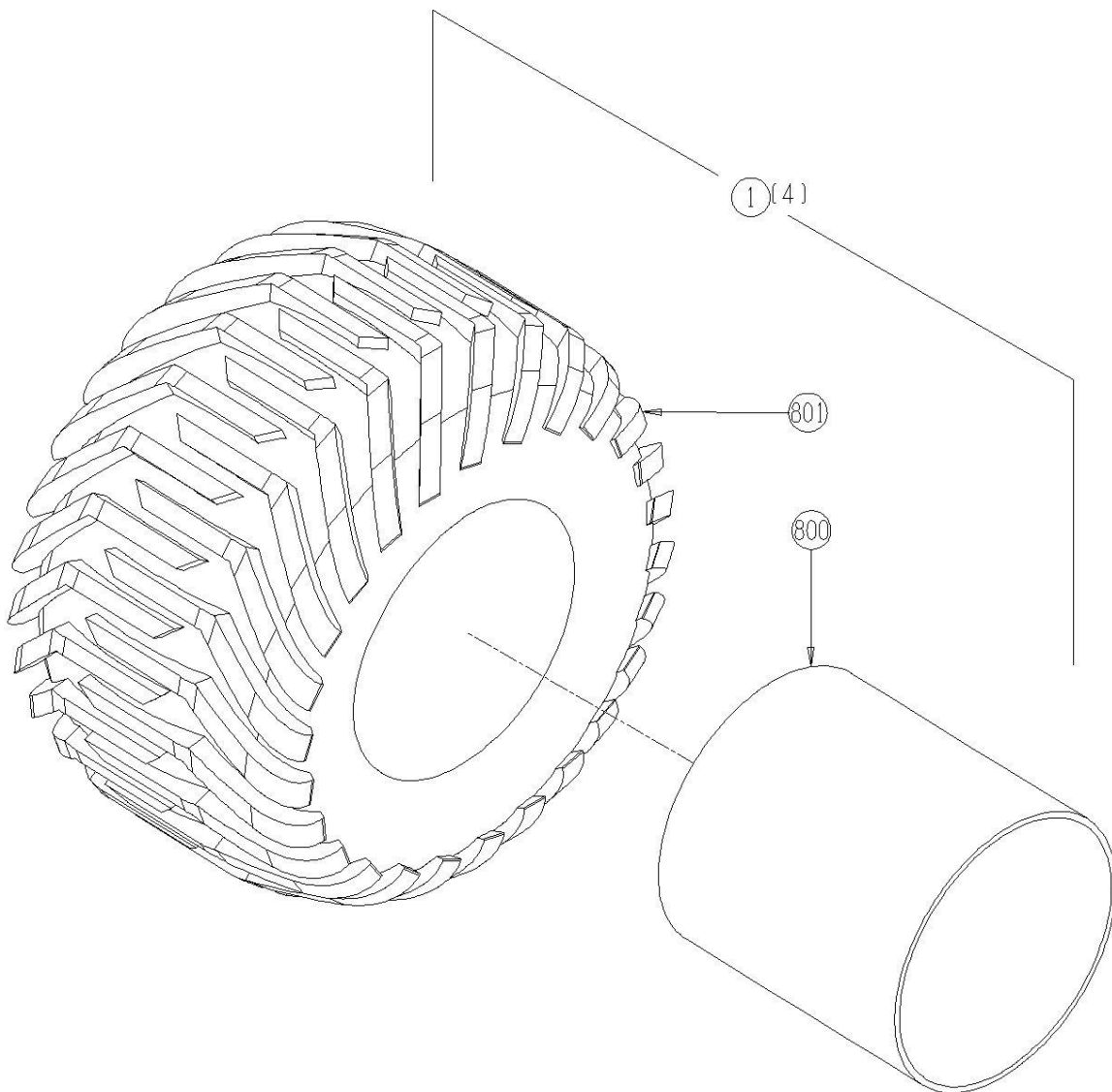
7514-01-06



7514-01-07 Wheels & Tires

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHM-2000	700/40-22.5 Mounted Assembly	4		
801	WHL-2000	10 X 285.75mm Bolt 24 x 22.5	1		
802	WHT-2000	700/40-22.5 328 Tread 18 Ply	1		

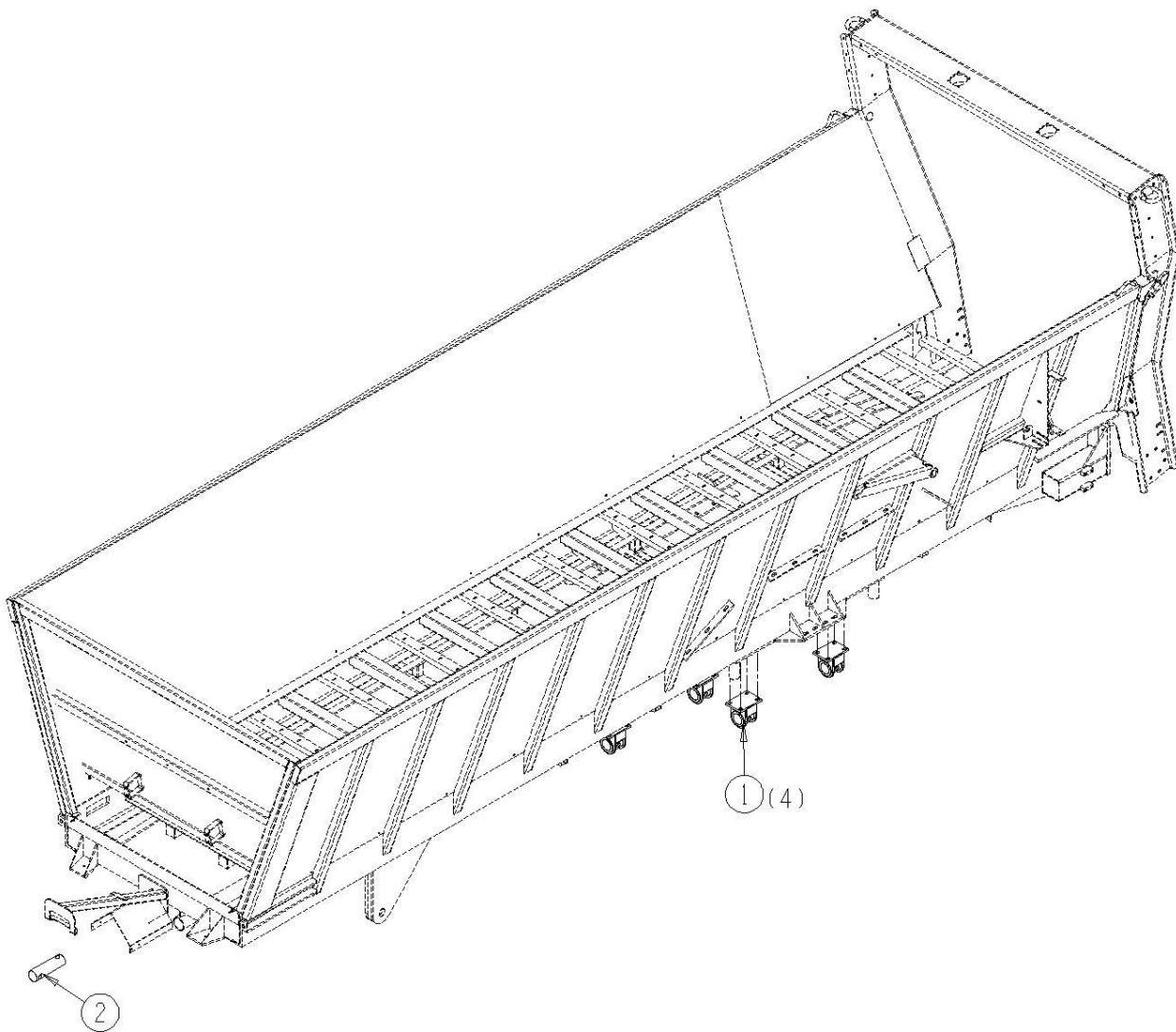
7514-01-07



7514-01-08 Optional - Weight Scale Assembly, 5 Point System

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR80003	Mount, Load Cell, 1880VB	4		
2	PR63101	Delete Load Cell, 1880 VB	-1		
800	SWS-4605	Spreader Weighing system, 5 point Scale system with GT400	1		
801	SWS-4605-001	Cell, dia 2.875 DB -21	0		
802	SWS-4605-002	Cell, dia 2.875 DB-21 HT	0		
803	SWS-4605-003	J-Box 6 Pt	0		
804	SWS-4605-004	J Box Cable, 9m	0		
805	SWS-4605-005	Power Cable 4- wire, 3m Cable	0		
806	SWS-4605-006	GT400 Indicator with RS232	0		

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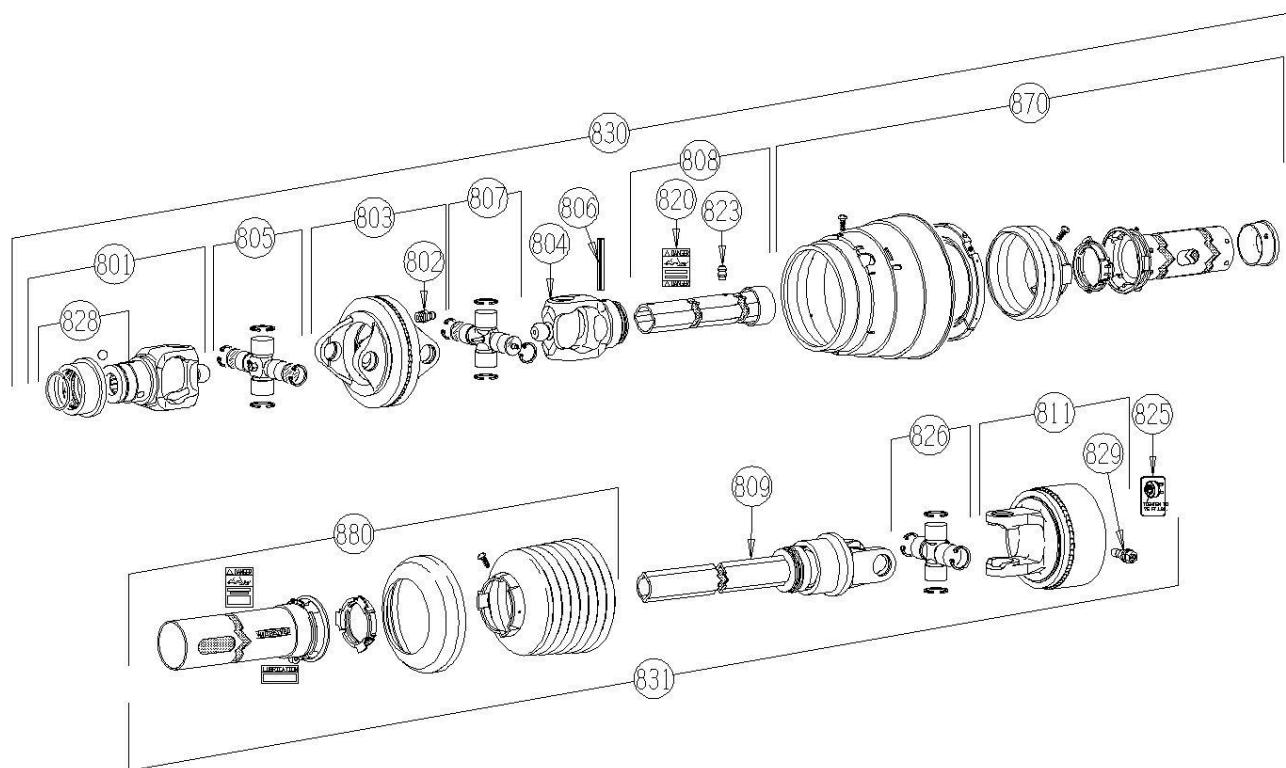


7514-02-01 1000 RPM Drive Line

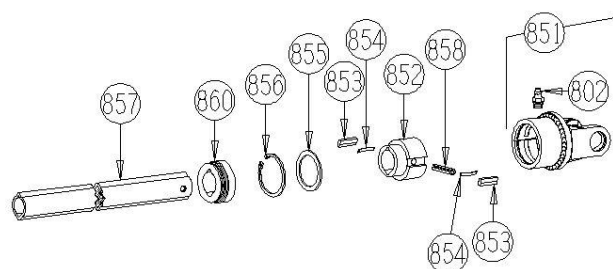
<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PTS-1021	Driveline, 1-3/4-20 Spline, PWE580 HD Shaft For 880 Bushel Spreader	1		Replaces PTS-1020
801	PTS-1008J	Yoke, 1 3/4"-20 Spline	1		Special Order Only
802	PTS-1008C	Zerk, Double Yoke	1		Special Order Only
803	PTS-1008B	Double Yoke	1		Special Order Only
804	PTS-1008H	Inboard Yoke, 2a	1		Special Order Only
805	PTS-1008E	Cross & Bearing Kit	1		Special Order Only
806	PTB-1014C	Spring Pin 10 X 75	1		Special Order Only
807	PTS-1008P	Cross Bearing & Kit	1		Special Order Only
808	PTS-1020E	Profile and Sleeve, WA-2aGL	1		Special Order Only
809	PTS-1020A	Overrunning Clutch & 1bGA Profile Assy	1		Special Order Only
811	PTS-1009L	Cut-Out Clutch	1		Special Order Only
820	PTS-1010M	Decal, Inner	1		Special Order Only
821	PTS-1010K	Screw	5		Special Order Only
823	PTB-1014L	Zerk	1		Special Order Only
825	PTS-1009J	Decal	1		Special Order Only
826	PTS-1010B	Cross & Bearing Kit	1		Special Order Only
828	PTS-1008R	ASG Collar Kit	1		Special Order Only
829	PTS-1009K	CC Lock Assembly	1		Special Order Only
830	PTS-1020FH	Front (Tractor) Half Shaft	1		Special Order Only
831	PTS-1020RH	Rear (Implement) Half Shaft	1		Special Order Only
851	PTS-1020A-A	Clutch Housing	1		Special Order Only
852	PTS-1010F-E	Hub	1		Special Order Only
853	PTS-1010F-A	Key	2		Special Order Only
854	PTS-1010F-B	Leaf Spring	2		Special Order Only
855	PTS-1010F-F	Supporting Ring	1		Special Order Only
856	PTS-1010F-G	Retaining Ring	1		Special Order Only
857	PTS-1020A-B	Profile, 1bGA	1		Special Order Only

858	PTS-1010F-J	Spring Pin	1	Special Order Only
860	PTS-1010F-H	Bearing Ring	1	Special Order Only
870	PTS-1020-FS	Front Shield Kit	1	Special Order Only
880	PTS-1020-RS	Rear Shield Kit	1	Special Order Only

7514-02-01



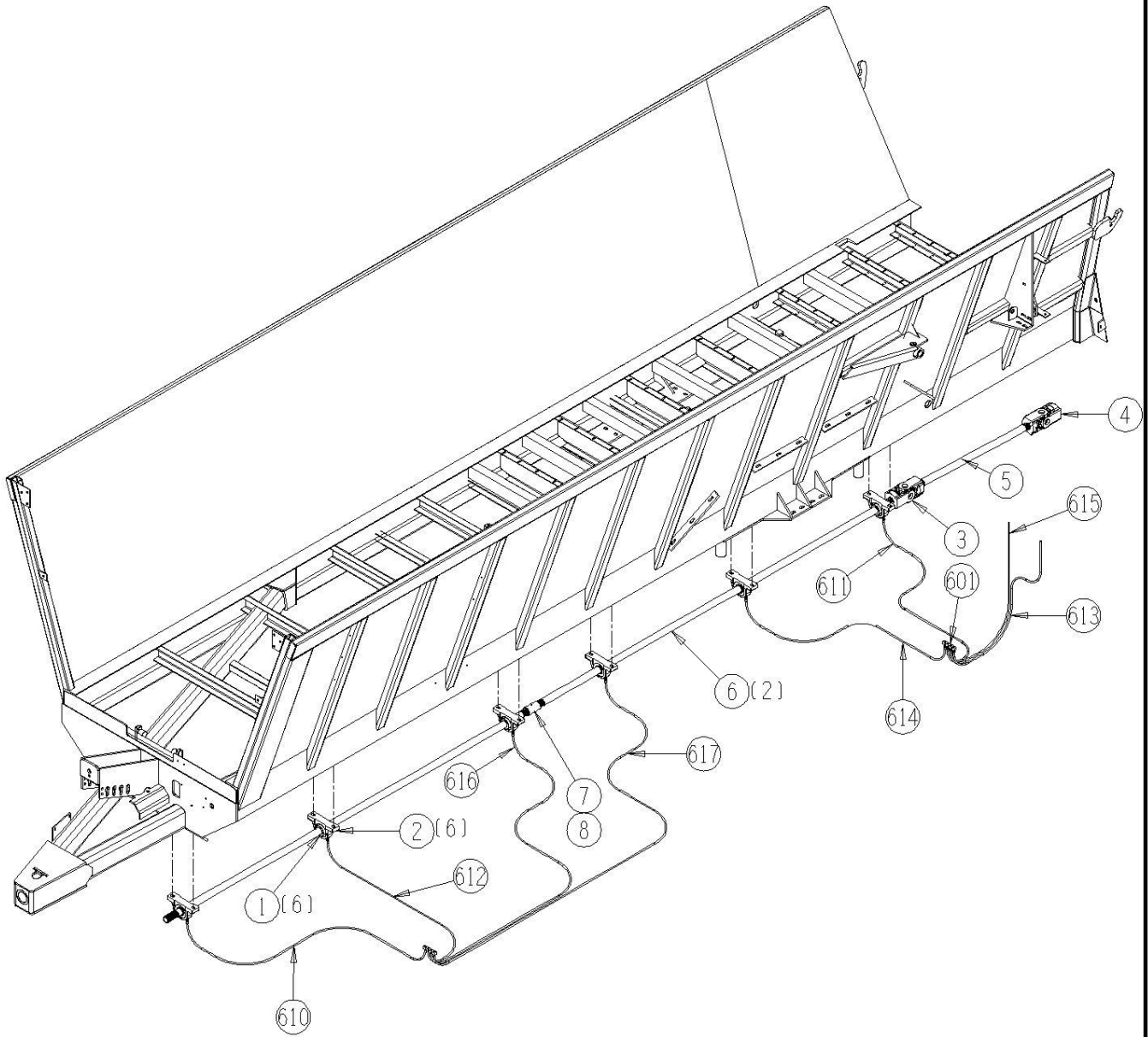
PTS-1020A OVERRUNNING CLUTCH



7514-02-04 Main Drive Shaft

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BR-175-100	Heavy Duty 1 1/2" Bearing	6		
2	BR-100-RAK	Bearing Housing 100 mm	6	11001	
3	PTS-1018	Yoke Assembly 1-3/4-20 1Slip,1 Lock	1		
4	PTS-1019	Yoke Assembly, 1-3/4-20,1-3/4-6 Both Lock	1		
5	PR60401	Rear Drive Shaft, 880 Bushel Spreader	1		
6	PR60402	Main Drive Shaft, 880 Bushel Spreader	2		
7	PR60404	Coupler, 1.75 x 20 Spline, 12/24 Pitch, P.A. 30–	1		
8	PIN-4-36	Roll Pin 1/4" x 2.25"	1		
601	GF-4-4	4' Grease Manifold	2		
602	GF-1827-45	Grease Fitting 1/8 NPT 45–	7		
603	A-1404-4-4	1/4 MP x 1/4 FPX	9		
604	GFA-51942	1/4"-28 Straight Adapter	12		
604	GFA-51943	1/4"-28 90– Adapter	5		
606	GFA-43716	1/8", 45– Adapter	1		
607	GFA-310912	1/4"-28 45– Adapter	4		
608	CL-6-3	Clamp, 3/8" O.D., Dual Tube, 1/4" Bolt Mount	3		
609	GF-3-3	3' Grease Manifold	1		

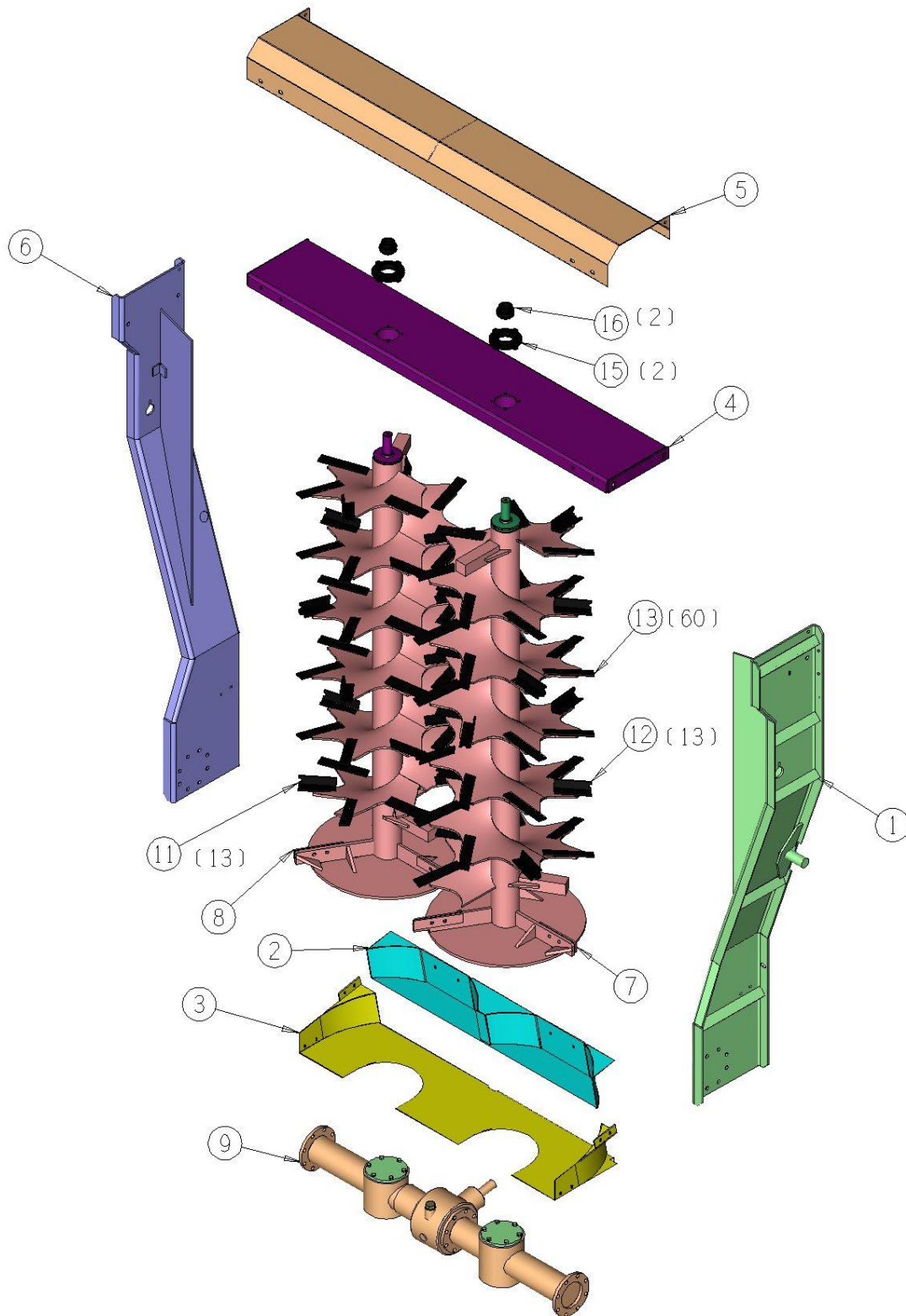
7514-02-04



7514-02-05 Vertical Beater

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	HP-1038	Gear Lube, 80W90 @ Quart	11	Hydra Ram Spreader	
1	PR80052	Vertical Beater Frame, LH	1		
2	PR80053	Beater Pan, Main Frame Mounted	1		
3	PR80054	Beater Pan, Vertical Beater Assy	1		
4	PR80055	Plate, Top Bearing, Vertical Beater	1		
5	PR80056	Top Beater Panel, Vertical Beater	1		
6	PR80057	Vertical Beater Frame, RH	1		
7	VTB-0022	Vertical Beater, LH, 1880 Push	1		
8	VTB-0023	Vertical Beater, RH, 1880 Push	1		
9	VTB-1893-A1	1000 RPM Beater Gearbox, 1880 Spreader	1		
10	VTB-1899-A3	Knife	0	1880: - 74015014	
11	VTB-1899-B3	Right Blade	13		
12	VTB-1899-C3	Left Blade	13		
13	VTB-1899-F3	Knife, Weight Specific	60	1190VB: 71113001- 1180VB: 74015011-	
14	GF-2-2	2' Grease Manifold	1		
15	BR-085-4PF	85mm Four Bolt Piloted Flange Housing	2		
16	BR-175-085-I	Bearing, 1 1/2" ID, TS	2		
101	BL-10-175-H8	5/8-11 X 1 1/2" HEX CAP G8 ZC	164		
102	BL-10-200-H	5/8-11 X 2 HEX CAP G5 ZC	4		
103	BL-10-200-H8	5/8-11 X 2 HEX CAP G8 ZC	12		
104	BL-10-LNS	5/8-11 Stover Lock Nut	180		
105	BL-10-SW	5/8 SAE FW ZC @	8		
106	BL-7-125-HH	7/16" x 1 1/4", Hex Head, Gr 5, Zinc	8		
107	BL-7-LW	7/16" Split LW, Zinc Coated	8		
108	BL-7-SW	7/16 SAE FW ZC	8		
109	BL-9-200-H8	9/16-12 x 2, Hex Head, Grade 8	16		
110	BL-9-FW-8	9/16" Grade 8 Flat Washer	16		

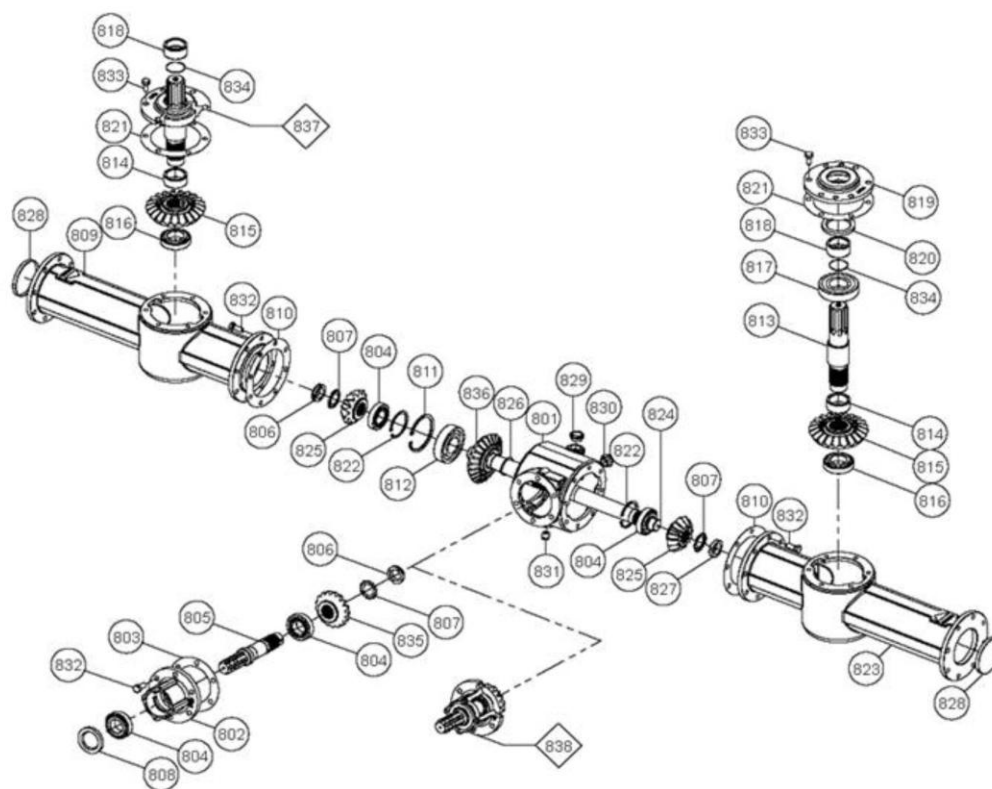
111	BL-9-LN	9/16" Lock Nuts w/Nylon Inserts	16
602	A-1404-4-4	1/4 MP x 1/4 FPX	2
604	H2-143-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 143 in long	1
605	H2-174-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 174 in long	1



7514-02-05A Vertical Beater Gearbox

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	VTB-1893-A1	1000 RPM Beater Gearbox, 1880 Spreader	1		
801	VTB-1899-A1	Housing	1		Special Order Only
802	VTB-1899-J2	Hub	1		Special Order Only
803	VTB-1899-H2	Gasket	1		Special Order Only
804	VTB-1899-G1	Bearing 32209	4		Special Order Only
805	VTB-1899-L2	Shaft	1		Special Order Only
806	VTB-1899-D1	Threaded Ring	2		Special Order Only
807	VTB-1899-E1	Washer	3		Special Order Only
808	VTB-1899-K2	Oil Seal	1		Special Order Only
809	VTB-1893-B1	Right Spacer Tube	1		Special Order Only
810	VTB-1899-A2	Gasket	2		Special Order Only
811	VTB-1893-C1	Snap Ring	1		Special Order Only
812	VTB-1899-H1	Bearing 6311	1		Special Order Only
813	VTB-1893-D1	Spined Shaft	2		Special Order Only
814	VTB-1899-V1	Spacer	2		Special Order Only
815	VTB-1899-W1	Gear Z=22	2		Special Order Only
816	VTB-1899-X1	Bearing 32210	2		Special Order Only
817	VTB-1899-T1	Bearing 6311-2RS	2		Special Order Only
818	VTB-1899-M1	Spacer	2		Special Order Only
819	VTB-1899-Q1	Calotte	2		Special Order Only
820	VTB-1899-S1	Oil Seal	2		Special Order Only
821	VTB-1899-R1	Gasket	2		Special Order Only
822	VTB-1893-E1	Snap Ring	2		Special Order Only
823	VTB-1893-F1	Right Spacer Tube	1		Special Order Only
824	VTB-1899-C1	Shaft	1		Special Order Only
825	VTB-1899-F1	Bevel Pinion Z=13	2		Special Order Only
826	VTB-1899-K1	Circlip E 55	1		Special Order Only
827	VTB-1899-L1	Threaded Ring	1		Special Order Only

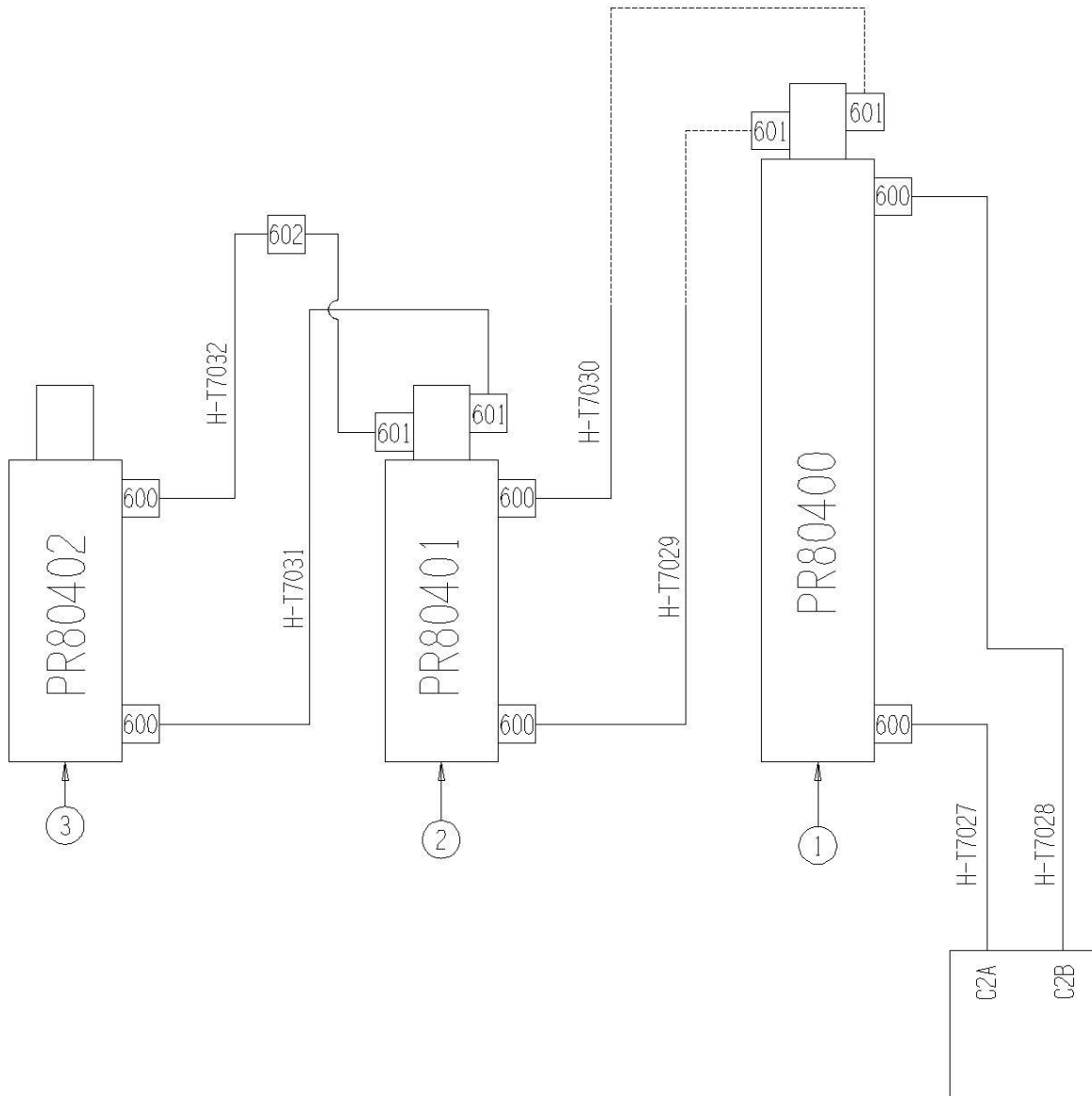
828	VTB-1893-G1	End Cap	2	Special Order Only
829	VTB-1899-E2	Oil Plug, 1' Gas.	1	Special Order Only
830	VTB-1899-Y1	Spacer L=428	1	Special Order Only
831	VTB-1899-D2	Oil Plug, 1/2' Gas	1	Special Order Only
832	VTB-1899-Z1	Screw, hex-hd M14X35	22	Reference Only, Special Order
833	VTB-1899-P1	Screw, hex-hd M14X30	12	Reference Only, Special Order
834	VTB-1899-N1	O-ring 2212	2	Special Order Only
835	VTB-1899-G2	Bevel Pinion Z=17	1	Special Order Only
836	VTB-1899-J1	Gear Z=24	1	Special Order Only
837	VTB-1893-H1	Cap	2	Special Order Only
838	VTB-1899-M2	Hub Complete, 790, 1190VB Gearbox	1	Special Order Only



7514-03-01 Hydraulics, Push Off Cylinders

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR80400	Hyd. Cylinder, 4 x 144, Main Push Cylinder	1		
2	PR80401	Hyd. Cyl. 4 x 57.5 x 2.75, 1st.Push Cylinder	1		
3	PR80402	Hyd. Cyl, 4 x 57.5 x 2, Secondary Push Cyl.	1		
600	A-6801-10	Elbow, 5/8' MJ x 10 SAE	6		
601	A-6801-L-10	Elbow, Long, 5/8' MJ x 10 SAE	4		
602	A-2403-10	Union, 5/8' MJ x 5/8' MJ	1		
603	H-T7027	Hyd Tube, 5/8', Sliding Floor, 1880 Push	1		
604	H-T7028	Hyd Tube, 5/8', Sliding Floor, 1880 Push	1		
605	H-T7029	Hyd Tube, 5/8', Pusher Bott, 1880 Push	1		
606	H-T7030	Hyd Tube, 5/8', Pusher Bott, 1880 Push	1		
607	H-T7031	Hyd Tube, 5/8', Pusher Top, 1880 Push	1		
608	H-T7032	Hyd Tube, 5/8', Pusher Top, 1880 Push	1		
609	H-T7040	Hyd. Tube, 5/8', Pusher Top, 1880 Push	1		

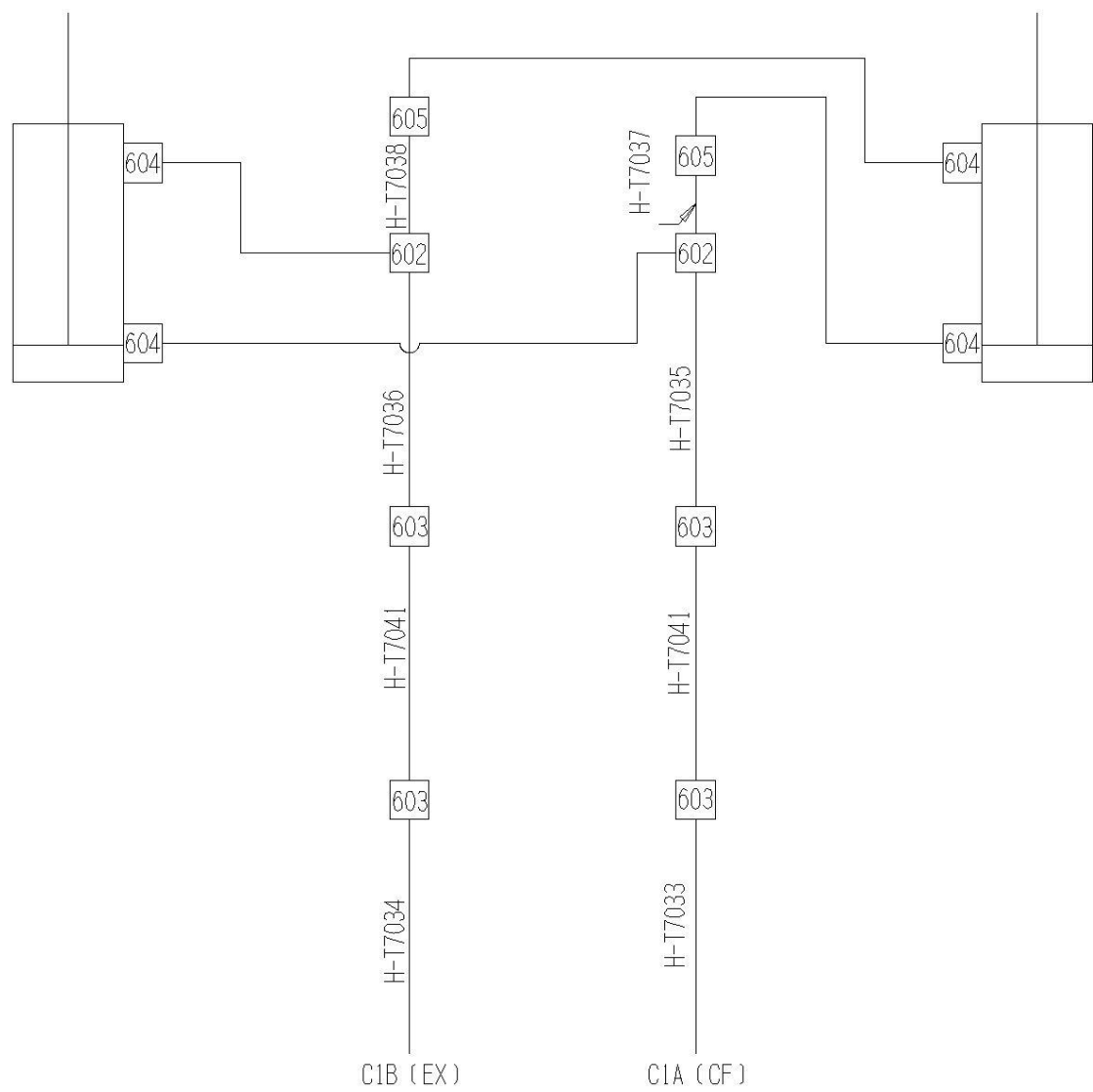
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7514-03-02 Hydraulics, Endgate Clyinders

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
600	HC-250-2408-OR	Hydraulic Cylinder 2 1/2 x 24 #8 SAE w/ O-Piston Ring Seal	2		NOT TO BE USED IN SINGLE ACTING APPLICATIONS Replaces HC-250-2408-IV
601	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2' w/ FPT	2		
602	A-2603-6	Tee, 3/8' MJ x 3/8' MJ x 3/8' MJ	2		
603	A-2403-6-6	Union, 3/8' MJ x 3/8' MJ	4		
604	A-6901-8-6	8 SAE x 3/8' FPX90–, Forged	4	20095001-	
610	H-T7033	Hyd Tube, 3/8', Endgate, Front, 1880 Push	1		
611	H-T7034	Hyd Tube, 3/8', Endgate, Front, 1880 Push	1		
612	H-T7041	Hyd Tube, 3/8', Endgate, Back, 1880 Push	2		
613	H-T7035	Hyd Tube, 3/8', Endgate, Back, 1880 Push	1		
614	H-T7036	Hyd Tube, 3/8', Endgate, Back, 1880 Push	1		
615	H-T7037	Hyd Tube, 3/8', Endgate, Right, 1880 Push	1		
616	H-T7038	Hyd Tube, 3/8', Endgate, Right, 1880 Push	1		

7514-03-02



7514-03-03 Cylinders, Sliding Floor

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	PR80400	Hyd. Cylinder, 4 x 144, Main Push Cylinder	0		
800	PR80401-SK	Seal Kit	1		
801	PR80401-A	Stover Nut	1		
802	PR80401-B	Backup Washer	2		
803	PR80401-C	O-Ring	1		
804	PR80401-D	Wear Ring	1		
805	PR80401-E	O-Ring	1		
806	PR80401-F	Backup Washer	2		
807	PR80401-G	O-Ring	1		
808	PR80401-H	O-Ring	1		
809	PR80401-I	Backup Washer	1		
810	PR80401-J	Lock Ring	1		
811	PR80401-K	Bearing Seal	1		
812	PR80401-L	Wiper	1		

7514-03-04 Cylinders, Main Pusher Cylinder

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	PR80401	Hyd. Cyl. 4 x 57.5 x 2.75, 1st.Push Cylinder	0		
800	PR80401-SK	Seal Kit	1		
801	PR80401-A	Stover Nut	1		
802	PR80401-B	Backup Washer	2		
803	PR80401-C	O-Ring	1		
804	PR80401-D	Wear Ring	1		
805	PR80401-E	O-Ring	1		
806	PR80401-F	Backup Washer	2		
807	PR80401-G	O-Ring	1		
808	PR80401-H	O-Ring	1		
809	PR80401-I	Backup Washer	1		
810	PR80401-J	Lock Ring	1		
811	PR80401-K	Bearing Seal	1		
812	PR80401-L	Wiper	1		

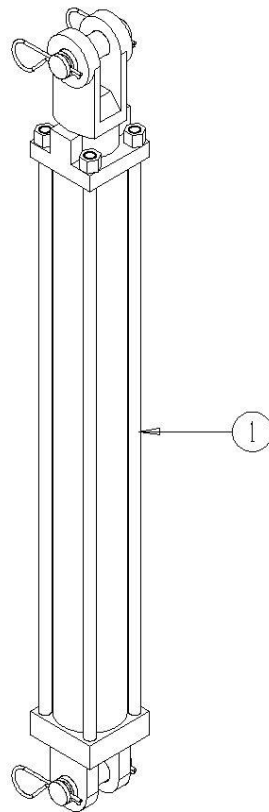
7514-03-05 Cylinder, Secondary Pusher

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
	PR80402	Hyd. Cyl, 4 x 57.5 x 2, Secondary Push Cyl.	0		
800	PR80402-SK	Seal Kit	1		
801	PR80402-A	Stover Nut	1		
802	PR80402-B	Wear Ring	1		
803	PR80402-C	O-Ring	1		
804	PR80402-D	O-Ring	1		
805	PR80402-E	O-Ring	1		
806	PR80402-F	Backup Washer	1		
807	PR80402-G	Lock Ring	1		
808	PR80402-H	Bearing Seal	1		
809	PR80402-I	Wiper	1		

7514-03-06 Cylinder, Endgate

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HC-250-2408-OR	Hydraulic Cylinder 2 1/2 x 24 #8 SAE w/ O-Piston Ring Seal	0		NOT TO BE USED IN SINGLE ACTING APPLICATIONS Replaces HC-250-2408-IV
801	HC-250-125	Seal Kit for 2 1/2' x 1 1/4' Cylinder	0	HC-250-3008 (642602, 645596) HC-250-2408-OR	2500 or 3000psi cylinders

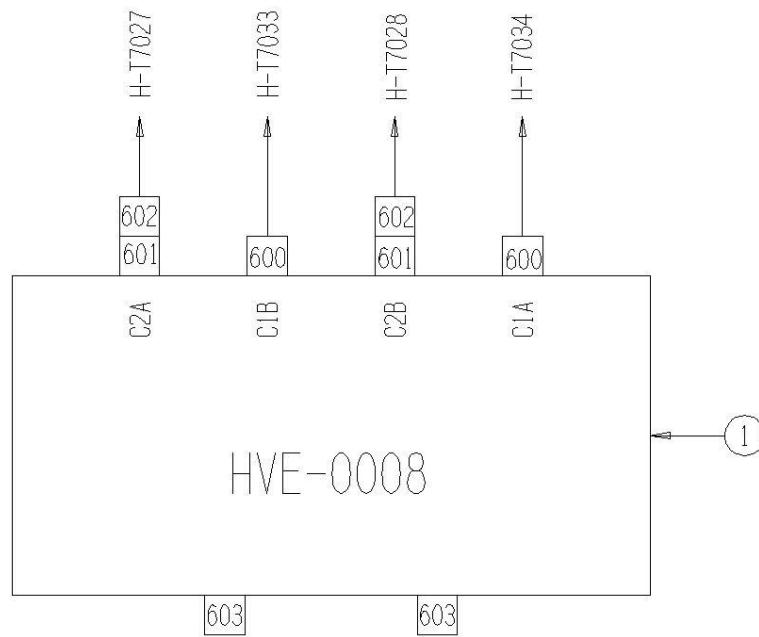
7514-03-06



7514-03-07 Hydraulic, Sequence Valve w/ Flow Control

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HVE-0008	Sequence Manifold w/Flow control, Spreader Push Cylinders	1		
600	A-6801-8-8	Elbow, 1/2' MJ x 8 SAE	2		
601	A-6900-10-8	10 SAE x 1/2 FPX	2		
602	A-2501-10-10	5/8MJIC x 5/8MP 90-	2		
603	A-6901-8-8	8 SAE x 1/2 FPX90-, Forged	2		

7514-03-07



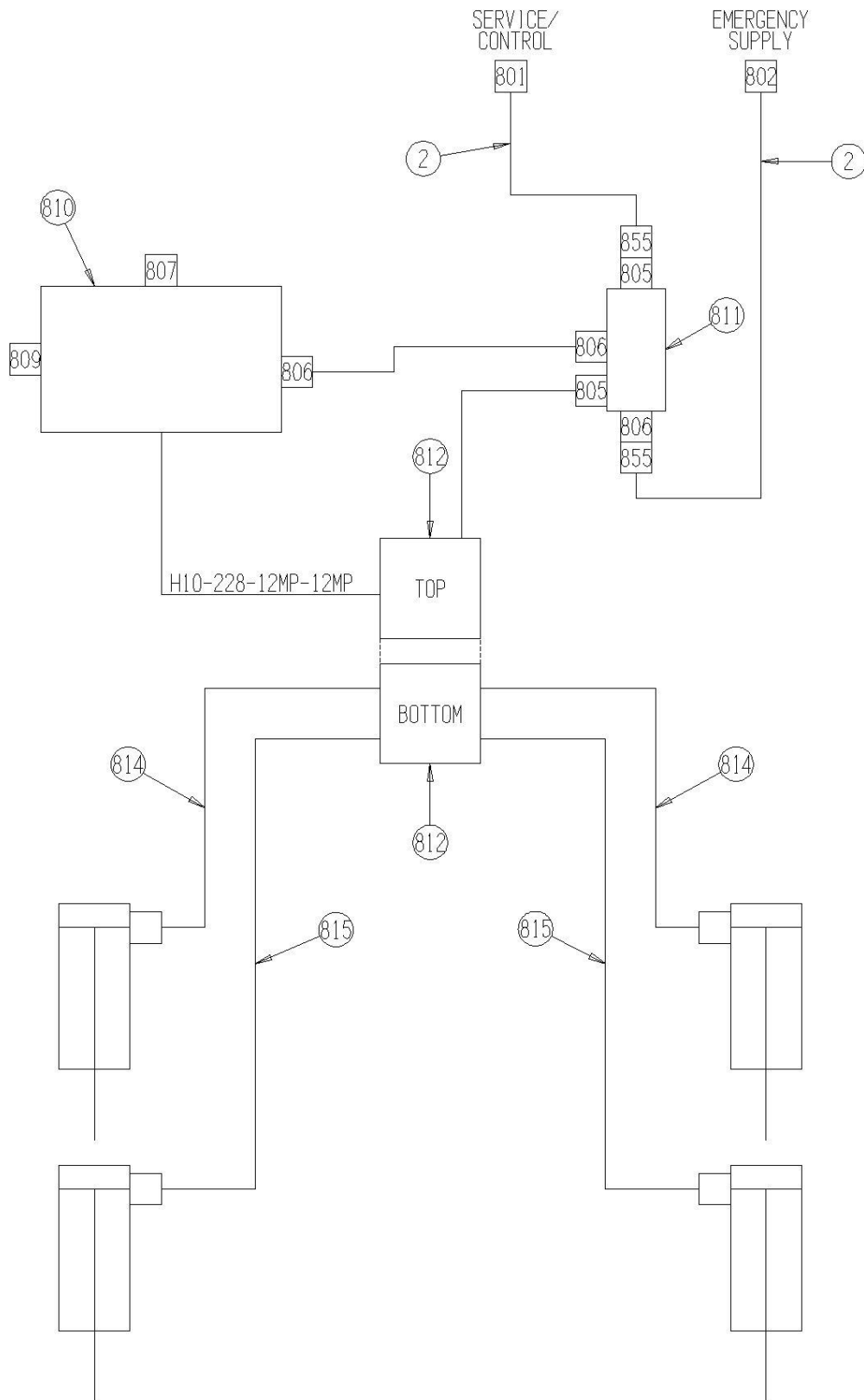
7514-04-01 Air Brakes

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	TRL-BRK-0001	Trailer Air Brake, Brake Actuating Kit	1		
2	TRL-BRK-0002	Air Line Set for Air Brakes	1		
3	AIR-N6DOT	3/8' Nylon Tubing @ ft., Meets D.O.T. Specs, Black	23.875		
4	A-1405-8-8	1/2' NPT Coupler W/Swivel	2		
5	A-1501-12-12	1/2 MP x 1/2 FPX 90°	1		
6	A-1404-12-12	1/2 MP x 1/2 FPX	1		
7	A-5405-4-6	Pipe Adapter 3/8 FPT x 1/4 MPT	2		
8	LA-309	Universal Gladhand Holder	2		
9	TRL-BRK-0001-34	Air Chamber Assembly	4		
10	PR60032	Panel, Air Compressor Shield, 880 Spreader	1		
601	H10-228-12MP-12MP	5/8 in hose 3/4MP x 3/4MP x 228 in long	1		
801	TRL-BRK-0003	Gladhand - Service	1		
802	TRL-BRK-0004	Gladhand - Emergency	1		
803	TRL-BRK-0005	1/2' Bulkhead Coupling	2		
804	TRL-BRK-0006	3/8 x 1/4 Male Connector	2		
805	TRL-BRK-0007	3/8 x 3/8 Male Connector	3		
806	TRL-BRK-0008	3/8 x 3/8 Male Elbow	5		
807	TRL-BRK-0009	1/4' Drain Valve	1		
808	TRL-BRK-0010	3/4' Hex Nipple	1		
809	TRL-BRK-0011	3/8' Pipe Plug	1		
810	TRL-BRK-0012	Air Tank - Standard 9'x28'	1		
811	TRL-BRK-0013	Emergency Spool	1		
812	TRL-BRK-0014	Air Relay Valve	1		
814	TRL-BRK-0016	3/8' x 40' Air Brake Hose Assy	2		
815	TRL-BRK-0017	3/8' X 72' Air Brake Hose Assy	2		
816	TRL-BRK-0001-01	Beam Options	1		Special Order Only
817	TRL-BRK-0001-02	Spider	2		Special Order Only
818	TRL-BRK-0001-03	Bracket-Camshaft Support	2		Special Order Only

819	TRL-BRK-0001-04	Retainer Plate	4	Special Order Only
820	TRL-BRK-0001-05	Bolt, Retainer Plate Attachment	8	Special Order Only
821	TRL-BRK-0001-06	Lockwasher, Cover Attachment	8	Special Order Only
822	TRL-BRK-0001-07	Nut, Retainer Plate Attachment	8	Special Order Only
823	TRL-BRK-0001-08	Bracket, Air Chamber Mounting	2	Special Order Only
824	TRL-BRK-0001-09	Bushing, Spider Anchor Pin	4	Special Order Only
825	TRL-BRK-0001-10	Anchor Pin	4	Special Order Only
826	TRL-BRK-0001-11	Shoe and Lining Assembly	4	Special Order Only
827	TRL-BRK-0001-12	Lining, Brake Block Cam	4	Special Order Only
828	TRL-BRK-0001-13	Lining, Brake Block Anchor	4	Special Order Only
829	TRL-BRK-0001-14	Roller	4	Special Order Only
830	TRL-BRK-0001-15	Retainer, Roller	4	Special Order Only
831	TRL-BRK-0001-16	Spring, Shoe Retractor	2	Special Order Only
832	TRL-BRK-0001-17	Retainer Pin, Retractor Spring	4	Special Order Only
833	TRL-BRK-0001-18	Spring, Shoe Keeper	4	Special Order Only
834	TRL-BRK-0001-19	Washer, Camshaft	2	Special Order Only
835	TRL-BRK-0001-20	Grease Seal	4	Special Order Only
836	TRL-BRK-0001-21	Bushing, Camshaft Spider	2	Special Order Only
837	TRL-BRK-0001-22	Washer	2	Special Order Only
838	TRL-BRK-0001-23	Washer, Camshaft Slack Adjuster End	2	Special Order Only
839	TRL-BRK-0001-24	Snap Ring	2	Special Order Only
840	TRL-BRK-0001-25	Retainer, Camshaft Slack Adjuster End	2	Special Order Only
841	TRL-BRK-0001-26	Bushing, Camshaft Support	2	Special Order Only
842	TRL-BRK-0001-27	Camshaft, LH/RH	2	Special Order Only
843	TRL-BRK-0001-28	Slack Adjuster Straight Automatic, 1.46 x 28-spline 6' Arm	2	Special Order Only
844	TRL-BRK-0001-29	Nut, Inner Spindle Bearing	2	Special Order Only
845	TRL-BRK-0001-30	Lockwasher, Indexing	2	Special Order Only
846	TRL-BRK-0001-31	Lockwasher, Tab	2	Special Order Only
847	TRL-BRK-0001-32	Nut, Outer Spindle	2	Special Order Only
848	TRL-BRK-0001-33	Grease Fitting, 65-	2	Special Order Only
850	TRL-BRK-0001-35	Lockwasher, Air Chamber Mounting	4	Special Order Only

851	TRL-BRK-0001-36	Nut, Air Chamber Mounting	4	Special Order Only
852	TRL-BRK-0001-37	Sensor Block	2	Special Order Only
853	TRL-BRK-0001-38	Retainer Clip	2	Special Order Only
854	TRL-BRK-0001-39	ABS Sensor, 90-	2	Special Order Only
855	A-5502-6-8	Street Elbow 90, 3/8 MP x 1/2 FP	2	

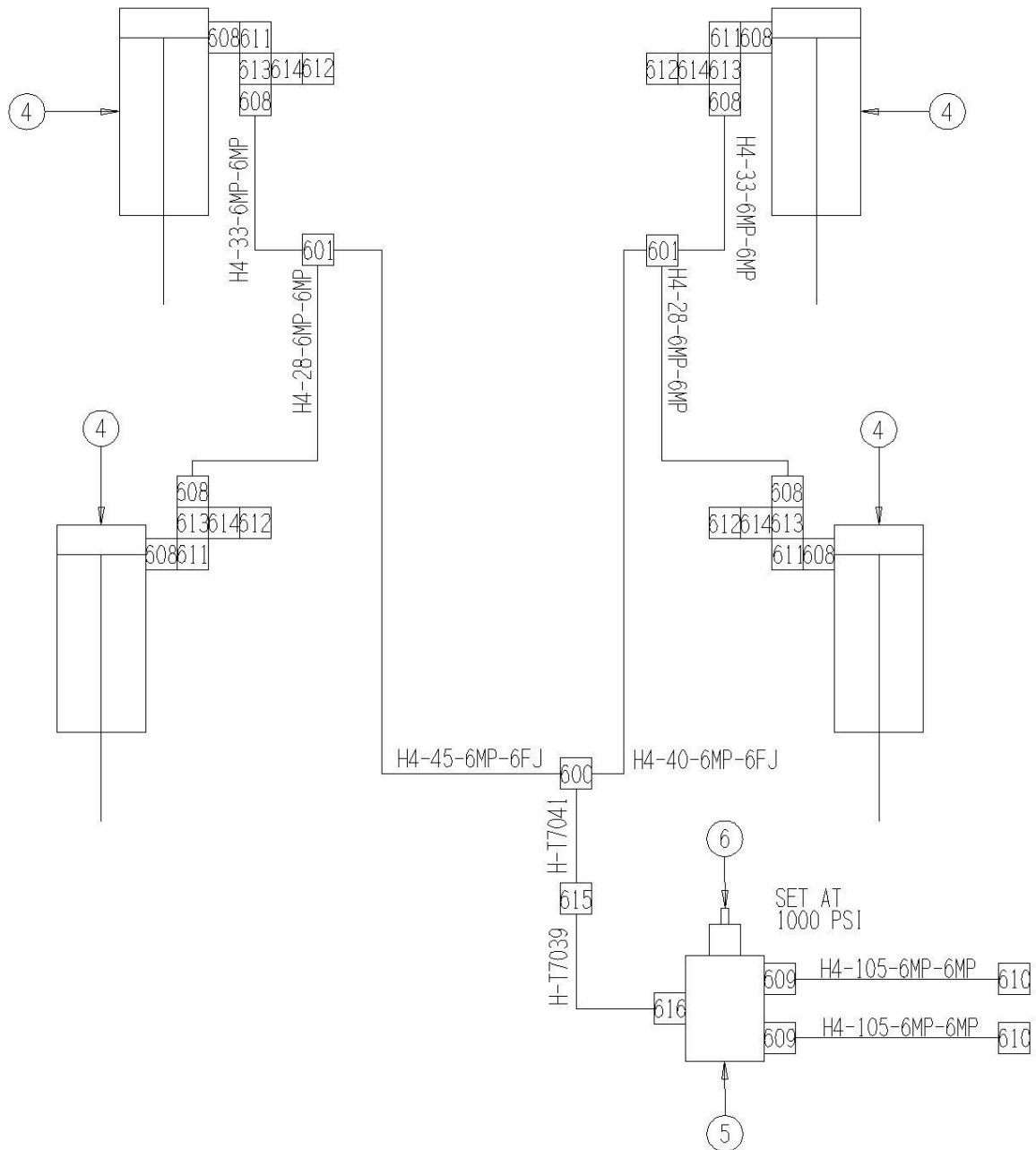
7514-04-01



7514-04-02 Hydraulic Brakes

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR60074	Hydraulic Brake Mount, Spreader	4		
2	H-T7039	Hyd Tube, 3/8', Hyd Brakes, 1880 Push	1		
3	H-T7041	Hyd Tube, 3/8', Endgate, Back, 1880 Push	1		
4	PR60073	Spring Return Brake Cylinder, Hyd. Brakes	4		
5	HV-1002	Pressure Reducing/Relieving Valve 50-1500 w/RFF Body	1		
6	HV-1002-K	Standard Knob for HV-1002	1		
600	A-2603-6	Tee, 3/8' MJ x 3/8' MJ x 3/8' MJ	1		
601	A-1601-6-6-6	3/8 MP x 3/8 FPX x 3/8FPX Tee	3		
602	H4-28-6MP-6MP	1/4in Hose 3/8MP x 3/8MP x 28 in Long	2		
603	H4-45-6MP-6FJ	1/4' x 45' hose, 6MP x 6FJ	1		
604	H4-40-6MP-6FJ	1/4' x 40' hose, 6MP x 6FJ	1		
606	H4-105-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 105 in long	2		
607	H4-33-6MP-6MP	1/4 hose 3/8MP x 3/8MP x 33' long	2	20095001-	
608	A-1501-6-6	3/8' MP x 3/8' FPX90-	8		
609	A-6901-6-6	6 SAE x 3/8' FPX 90-, Forged	2		
610	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2' w/ FPT	2		
611	A-5404-6-6	Hex Nipple, 3/8' x 3/8'	4		
612	HA-1004-T	Test Point Plug, 1/4' NPT	4		
613	A-1601-04-06-06	3/8 MP x 3/8'FPX x 3/8'FPX Tee	4		
614	A-5000-4	3/8' NPTF Hex Pipe Cplg.	4		
615	A-2403-6-6	Union, 3/8' MJ x 3/8' MJ	1		
616	A-6801-6	Elbow, 3/8' MJ x 6 SAE	1		

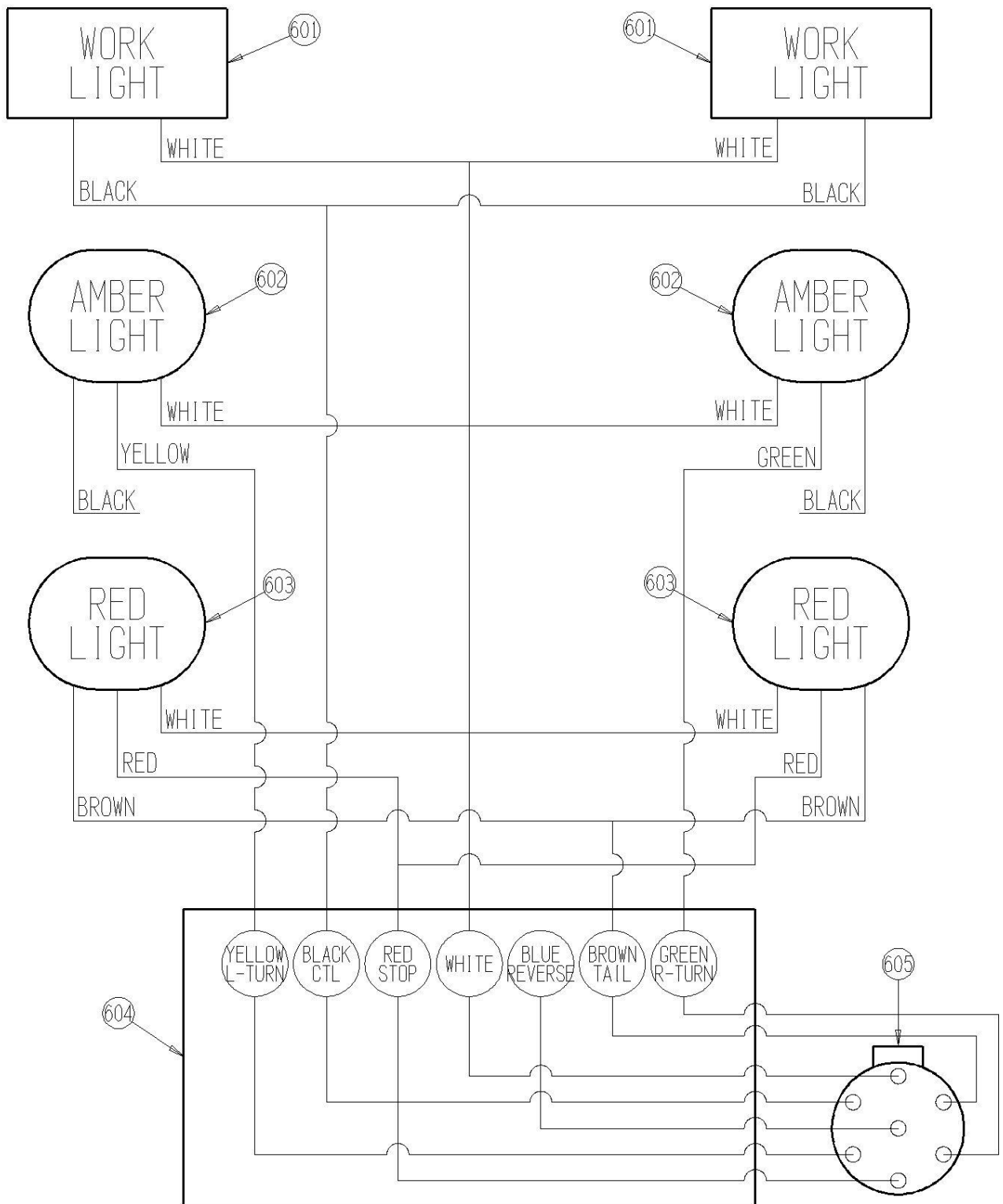
7514-04-02



7514-05-01 Electrical & Lighting

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	EL-50561-397	Spreader Light Harness, Left Side, 1880 Spreader	1		
2	EL-50562-416	Light Harness, Right Side, 1880 Spreader	1		
3	EL-40604-13	Harness, Work Lights, Spreader	2		
4	EL-50780-362	7 Conductor, 30' Long, Harness, 1880 Spreader	1		
100	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	8		
101	BL-6-LW	3/8 SPLIT LW ZC	8		
102	BL-6-N	3/8-16 HEX NUTS ZC	8		
103	BL-6-SW	3/8 SAE FW ZC	16		
104	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
106	BL-1224-125-DT	12-24 x 1 1/4' Drill and Tap Screw	6		
107	BL-4-FW-8	1/4' Flat Washer Grade 8	10		
108	HA-1031	Hydraulic Hose Holder 3/8	6		
109	BL-4-075-H	1/4 UNC X 1/2 HH C/S BOLT GR5 ZINC	2		
110	BL-4-LN	1/4-20 HEX LN NE ZC	2		
111	ELL-375	3/8' Wire Loom @ft	2		
601	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	2		Replaces EL-1201
602	PR63007	Light Bracket	2		
603	EL-1503	4-Pin Light Connector, LH	1		
604	ELE-15-964	Junction Box, 4x8x3.5deep, plastic, w/knockouts & plugs	1	19426	
605	ELT-37675	Seven Conductor Plug with Spring, Round Connection	1	Trucks	
606	EL-1501	Light Housing, LH	1		
607	EL-1502	Light Housing, RH	1		
609	EL-1504	4-Pin Light Connector, RH	1		

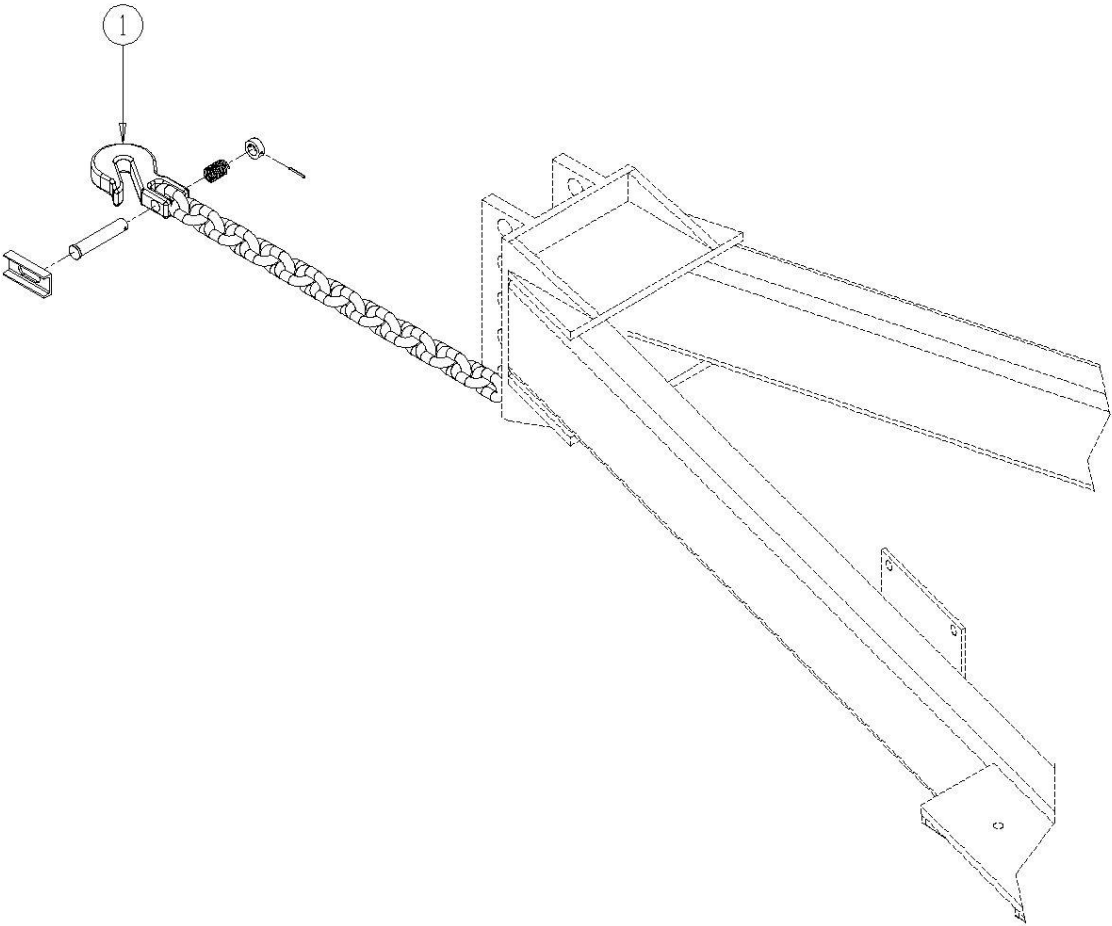
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7514-05-02 Safety Tow Chain

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FRM-3172	Safety Chain, Agricultural, 60,600 lb. Capacity	1		
101	BL-24-FW	1 1/2' Flat Washer, Zinc	1		
102	BL-16-FW	1' Flat Washer, Zinc	2		
103	BL-16-500-H	1 UNC x 5 HH C/S GR5 ZINC	1		
104	BL-16-LN	1' Lock Nuts w/ Nylon Inserts	1		

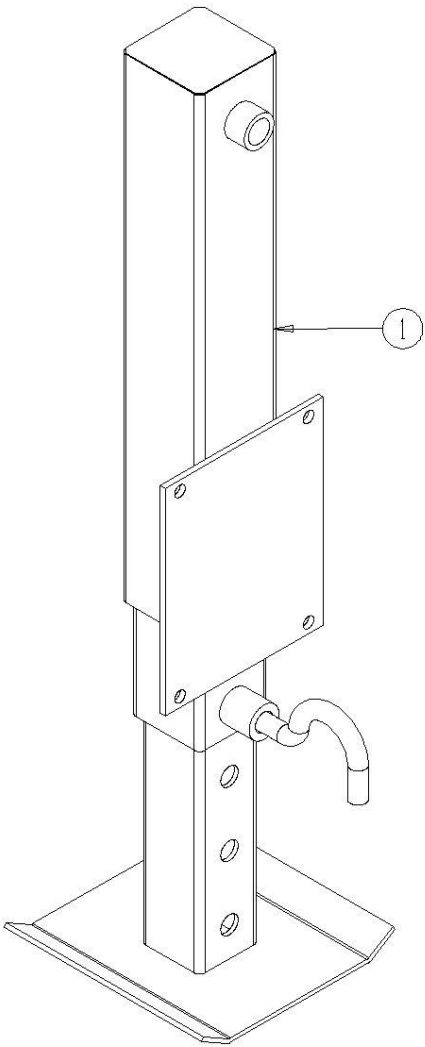
7514-05-02



7514-05-03 Jack Stand

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WH-1131	Jack, 1880 Spreader	1		

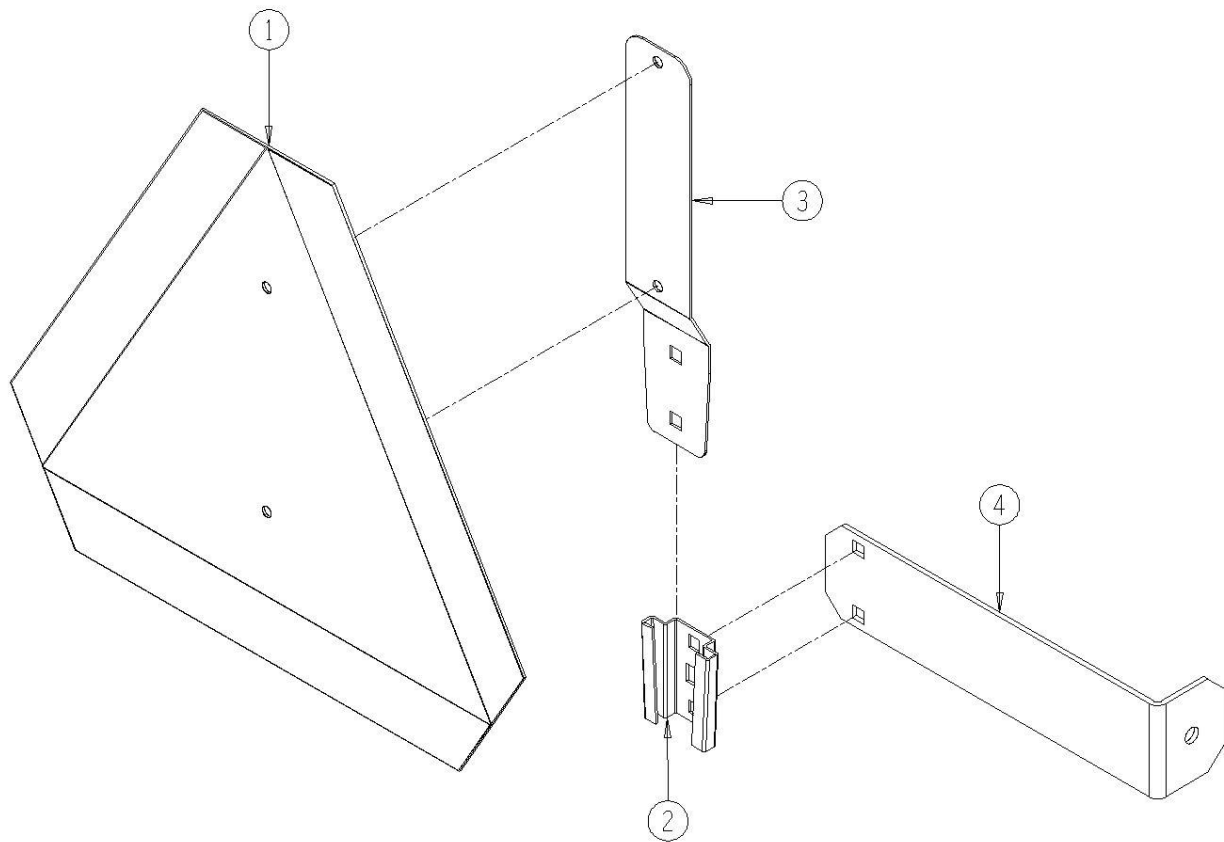
7514-05-03



7514-05-04 SMV Emblem & Brackets

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SMV-PL	SMV Sign, Metal	1		
2	SMV-S	Socket for Spade Mount	1		
3	SMV-SM	Spade Mount	1		
4	PR39117	Bracket, SMV Sign, Spreader	1		
101	BL-5-075-H	5/16-18 X 1/2 HEX CAP G5 ZC	2		
102	BL-4-062-C	1/4" x 5/8" Zinc Carriage Bolt	2		
103	BL-5-LN	5/16-18 HEX LN NE ZC	2		
104	BL-4-LN	1/4-20 HEX LN NE ZC	2		
105	BL-5-FW	5/16 USS FW ZC	2		

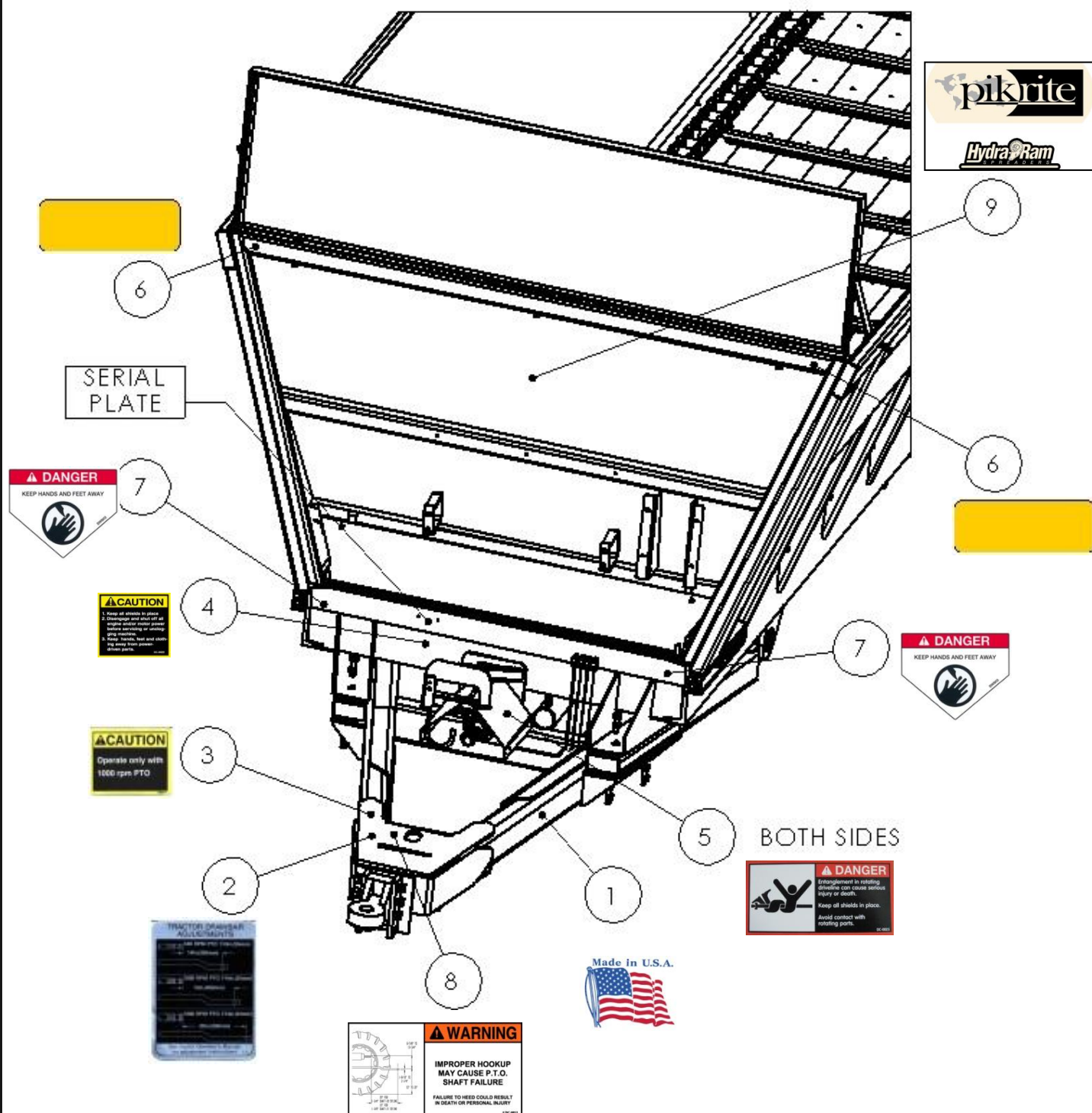
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7514-06-01 Decals, Front of Spreader

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	DC-0011	Decal, All, 'Made in USA', White Back w/ Red & Blue Letters	1		
2	DC-0021	Decal, Caution, 1000 rpm PTO	1		
3	DC-0022	Decal, Tractor Drawbar Adjustments	1		
4	DC-0023	Decal, Caution, Keep All Shields In Place	1		
5	DC-0025	Decal, Danger, Entanglement In Rotating Drive	2		
6	DC-0034	Decal, Amber, Reflector, Spreader	2		** Replace with EL-1226 ** Do Not Order
7	DC-0082	Decal, Hydra-Pull, Large, Front & Side Panels	1		
8	DC-1174	Decal, Danger Keep Hands and Feet Away	2		
9	DC-0107	Decal, HYDRA-RAM	1		
101	RI-3-6-P	Pop Rivets 3/16 x 3/8 Domed, .375 head, ea.	2		

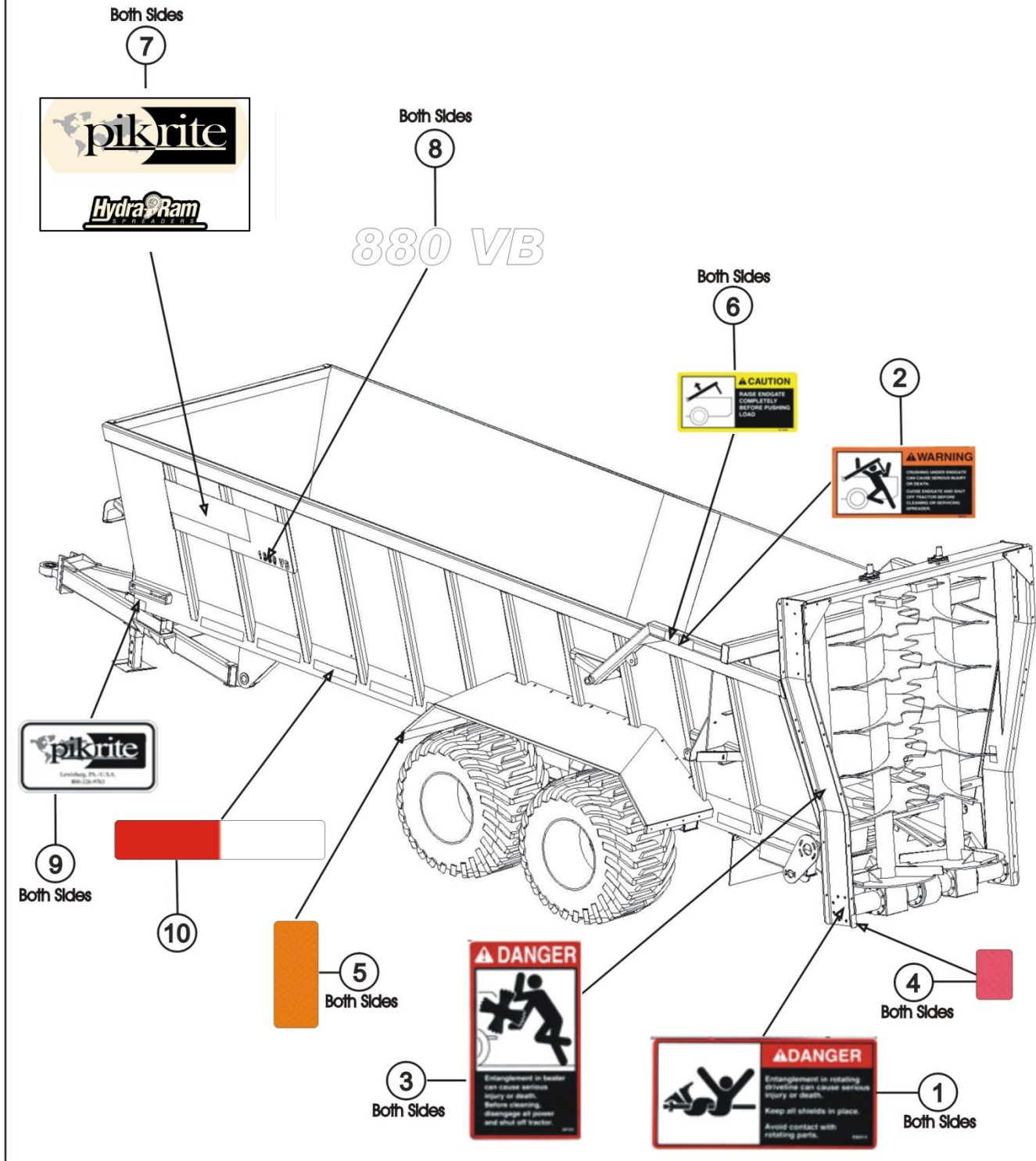
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7514-06-02 Decals, Side & Rear

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	DC-0025	Decal, Danger, Entanglement In Rotating Drive	2		
2	DC-0026	Decal, Warning, Crushing Under Endgate	4		
3	DC-0030	Decal, Danger, Entanglement In Beater	2		
4	DC-0033	Decal, Red, Reflector, Spreader	2		
5	DC-0034	Decal, Amber, Reflector, Spreader	2		** Replace with EL-1226 ** Do Not Order
6	DC-0038	Decal, Caution, Raise Endgate Completely	2		
7	DC-0107	Decal, Hydra-Ram	2		
8	DC-0083	Decal, 1880VB	2		
9	DC-4W	Decal, Logo, White, 5.25' Long, Tanks, 1/29/99	2		
10	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.14667		

7514-06-02



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HR880
Parts Manual
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