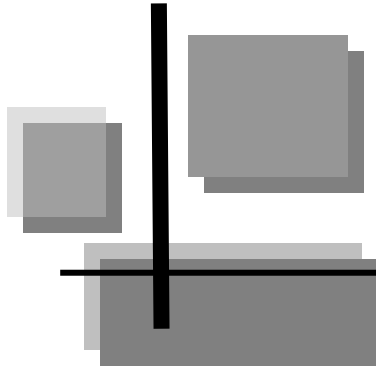




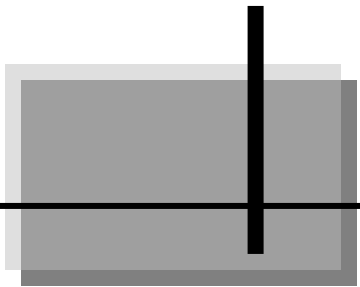
PARTS CATALOG

HYDRA-RAM 790 VB MANURE SPREADER



Pik Rite, Inc
60 Pik Rite Lane
Lewisburg, PA 17837
Ph. 800-326-9763
Fx. 570-523-8175
www.pikrite.com

July 9, 2014





HYDRA-RAM 790VB 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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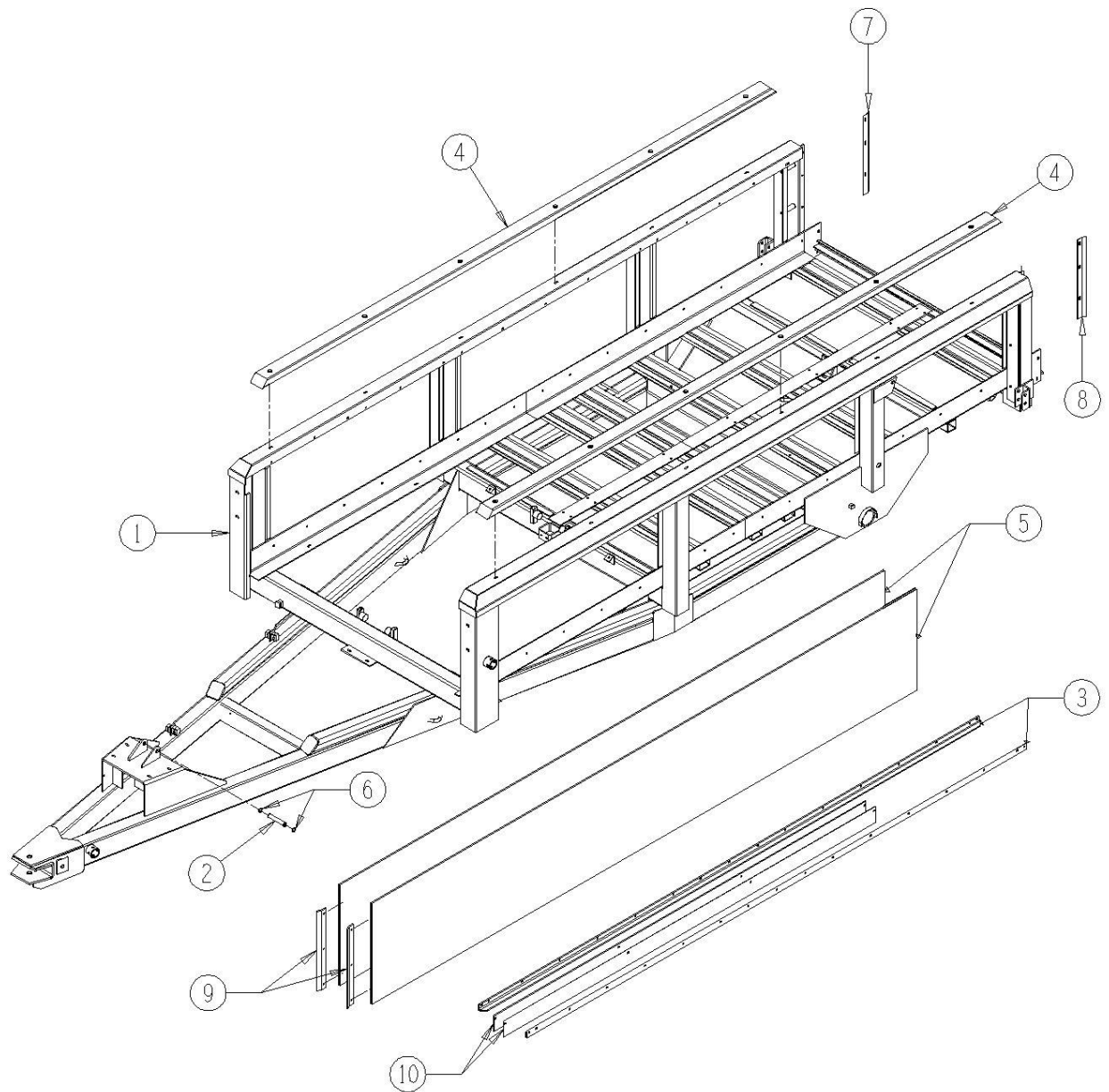
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PARTS
CATALOG

7009-1-1 Main Frame and Side Panels,790VB

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR22481	Frame Weldmt, Spreader,790 Vertical Beater	1		
2	PR30289	Cylinder Pin	1		
3	PR38365	Angle, Sliding Floor	2		
4	PR39185	Bumper Rail, Top Rail Protector	2		
5	PR44537	Panel, Side Walls, 790 Spreader	2		
6	PR58806	Retaining Ring, 63/64' (.984) Shaft Size, External	2		
7	PR51602	End Cap, Rear Right Side Board,790VB	1		
8	PR51603	End Cap, Rear Left Side Board, 790VB	1		
9	PR51604	End Cap, Front side Board, 790	2		
10	PR22488	Steel Board, Spreader Spacer	2		
101	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	20		
102	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	10		
103	BL-6-175-C	3/8 UNC X 1 3/4 CARRIAGE BOLT GR5 ZINC	30		
104	BL-6-250-H	3/8-16 X 2 1/2 HH C/S GR5 ZC	6		
105	BL-6-300-H	3/8 UNC X 3 HH C/S BOLT GR5 ZINC	3		
106	BL-6-350-H	3/8-16 X 3 1/2 HEX CAP G5 ZC	2		
107	BL-6-400-H	3/8-16 X 4 HEX CAP G5 ZC	1		
108	BL-6-N	3/8-16 HEX NUTS ZC	60		
109	BL-6-LW	3/8 SPLIT LW ZC	60		
110	BL-6-SW	3/8 SAE FW ZC	30		
111	BL-6-FW	3/8 USS FW ZC	42		
112	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	12		
113	BL-6-FFW	3/8 Finish Fender Washer, 2' OD, ZC	8		
114	BL-7-FWSS	7/16' Stainless Steel Flat Washer	8		
800	CL-6-2	Clamp, 3/8' O.D., Dual Tube, Weld-Mount	3		

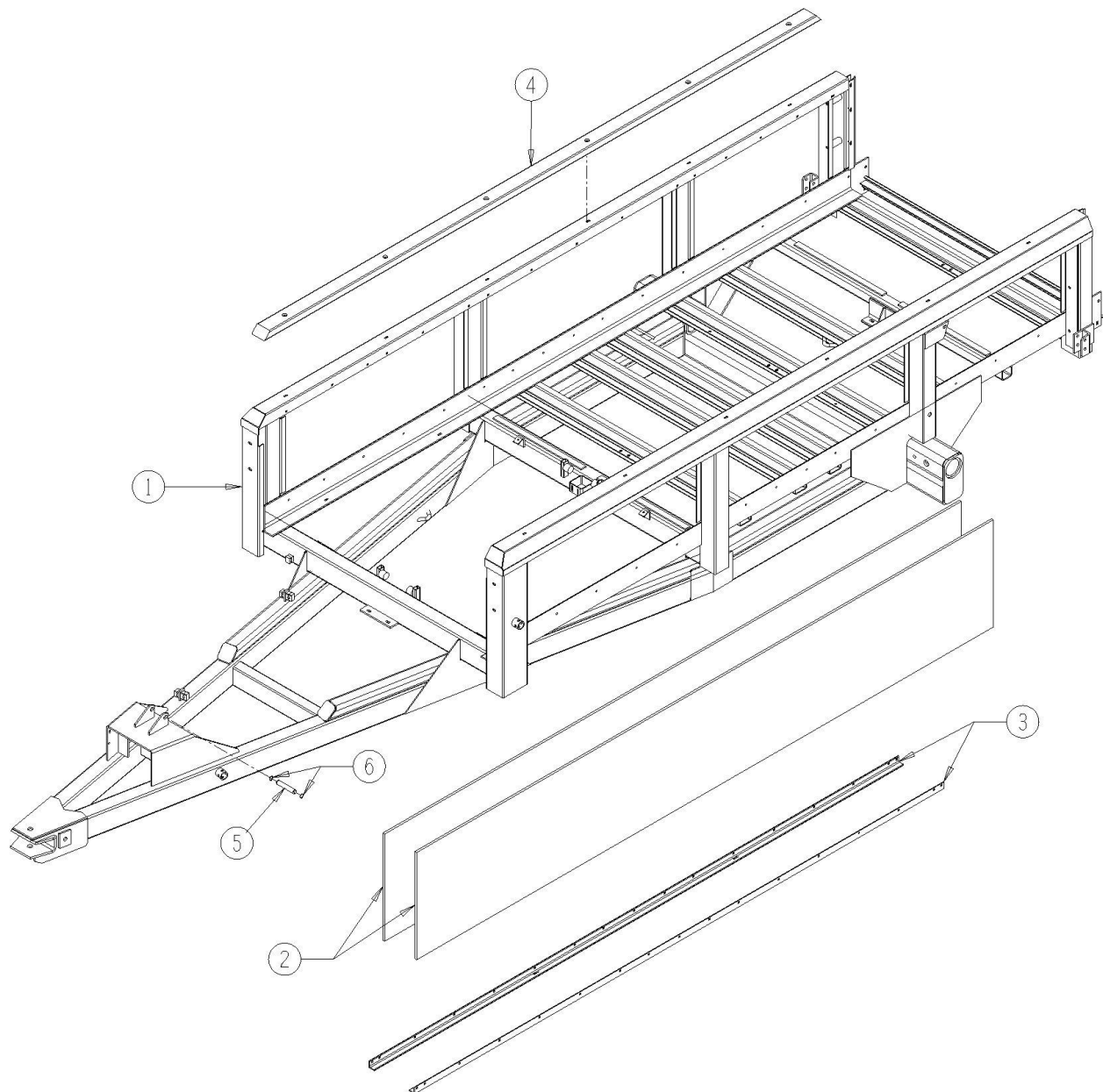
7009-1-1
MAIN FRAME & SIDE PANELS



7009-1-1.1 Main Frame,(Single Wheel) and Side Panels

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR22482	790 VB Single Wheel Spreader	1		
2	PR30289	Cylinder Pin	1		
3	PR38365	Angle, Sliding Floor	2		
4	PR39185	Bumper Rail, Top Rail Protector	2		
5	PR44537	Panel, Side Walls, 790 Spreader	2		
6	PR58806	Retaining Ring, 63/64" (.984) Shaft Size, External	2		
101	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	20		
102	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	10		
103	BL-6-175-C	3/8 UNC X 1 3/4 CARRIAGE BOLT GR5 ZINC	30		
104	BL-6-250-H	3/8-16 X 2 1/2 HH C/S GR5 ZC	6		
105	BL-6-300-H	3/8 UNC X 3 HH C/S BOLT GR5 ZINC	3		
106	BL-6-350-H	3/8-16 X 3 1/2 HEX CAP G5 ZC	2		
107	BL-6-400-H	3/8-16 X 4 HEX CAP G5 ZC	1		
108	BL-6-N	3/8-16 HEX NUTS ZC	60		
109	BL-6-LW	3/8 SPLIT LW ZC	60		
110	BL-6-SW	3/8 SAE FW ZC	30		
111	BL-6-FW	3/8 USS FW ZC	50		
112	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	12		
113	BL-10-LN	5/8-11 HEX LN NE ZC	2		
114	BL-10-600-H	5/8-11 X 6 HEX CAP G5 ZC	2		
115	BL10-SW	#10 SAE Flat Washer	4		

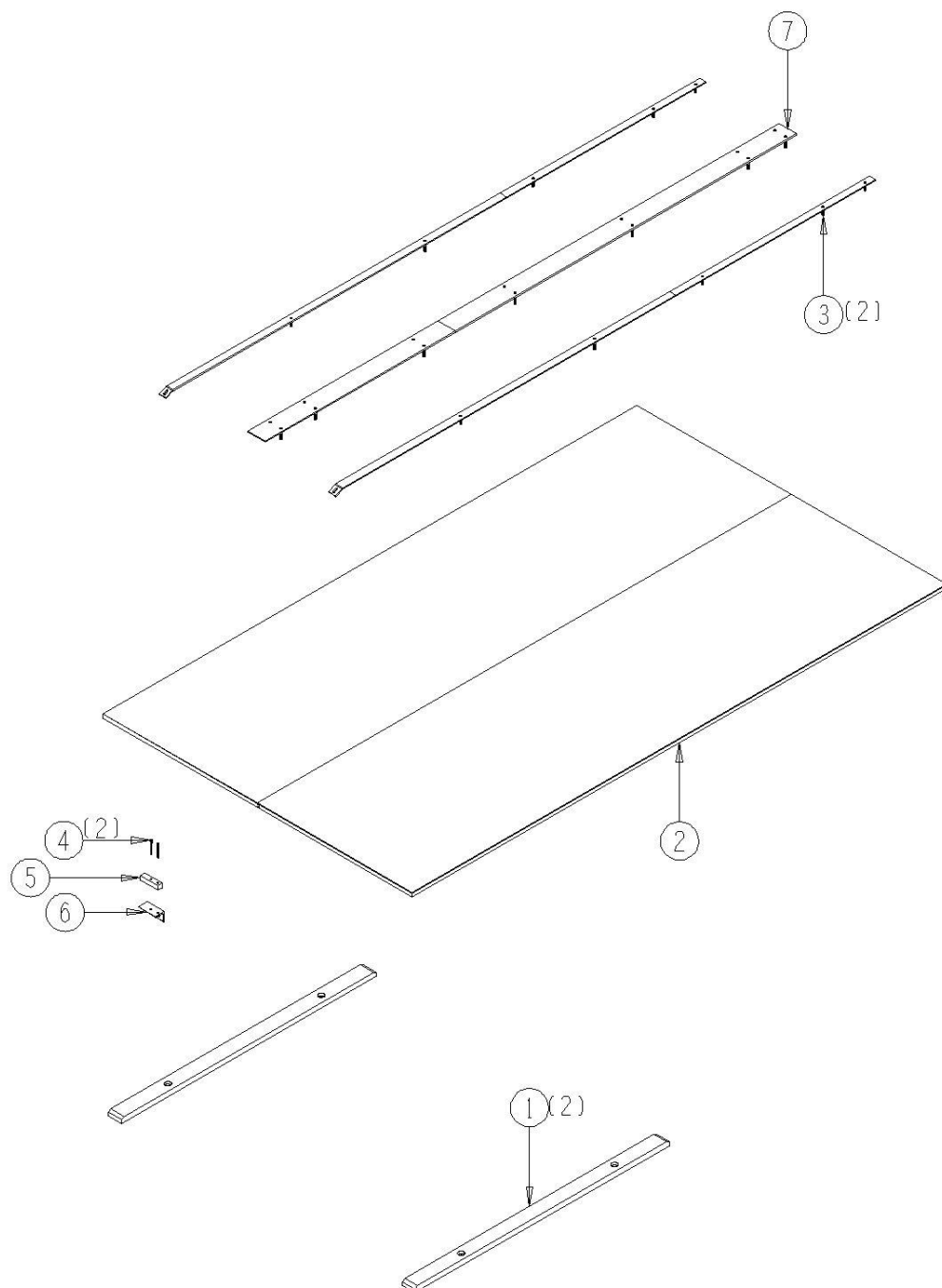
7009-1-1.1
SINGLE WHEEL MAIN FRAME & SIDE PANELS



7001-1-2 Main Floor and Guides for 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	PR33358	Slide, Wood, Front, Spreader	2		
2	PR33279	Panel, Main Floor, Spreader, 790,1190	1		
3	PR22499	Wear Plate	2		
4	PIN-C4-32	Cotter Pin .25 x 2"	2		
5	PR33555	Angle	1		
6	PR32639	Support, Cylinder, UHMW	1		
7	PR22497	Retaining Bar, Main Floor	1		
101	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	4		
102	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	2		
103	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	2		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	32		
105	BL-6-FW	3/8 USS FW ZC	34		
106	BL-6-SW	3/8 SAE FW ZC	4		

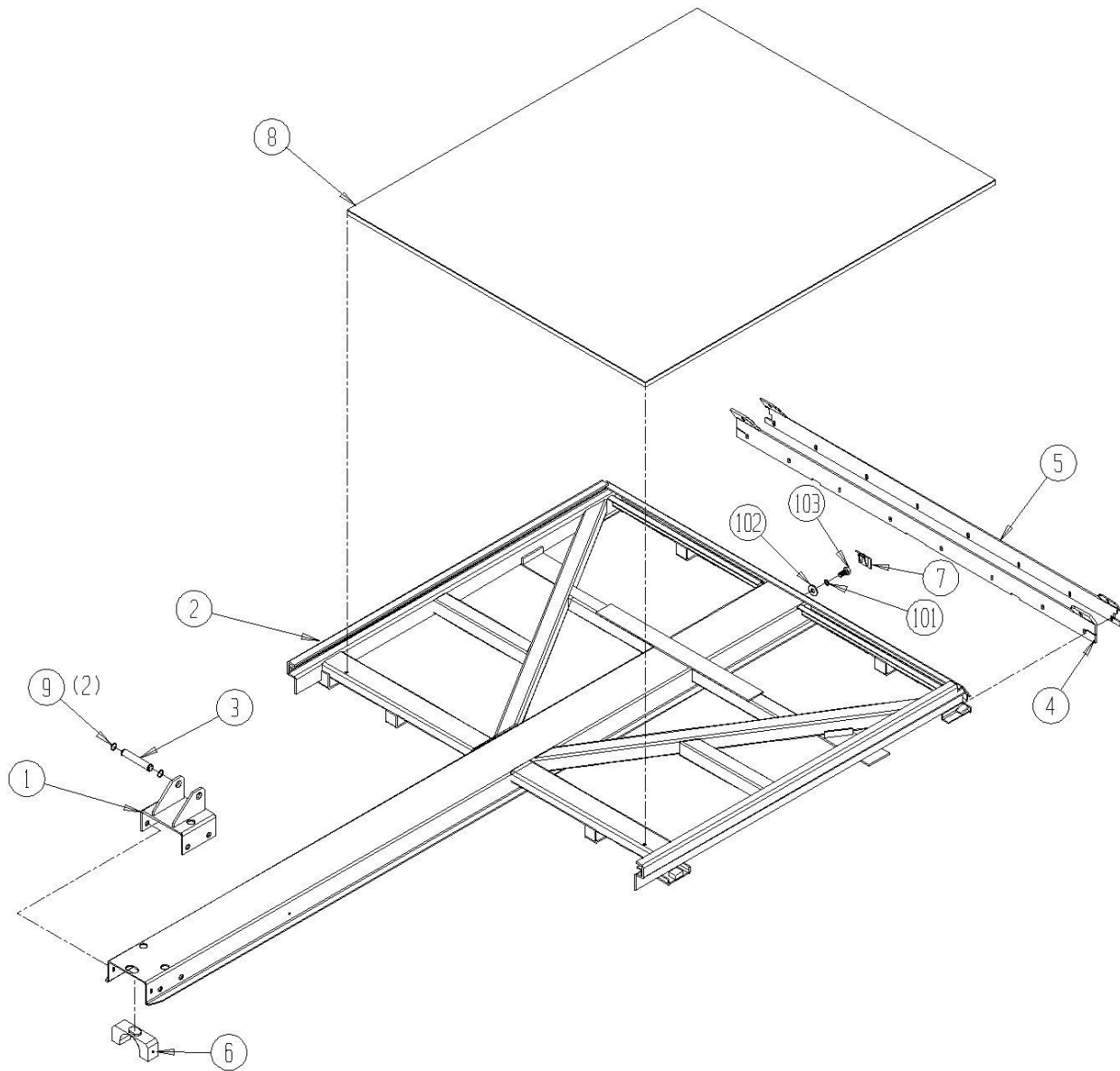
7001-1-2
MAIN FLOOR AND GUIDES FOR SLIDING FLOOR



7009-1-3 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	PR23219	Support, Cylinder Mount, Sliding Floor	1		
2	PR25873	Sliding Floor, Inside, Spreader, 790,1190	1		
3	PR30289	Cylinder Pin	1		
4	PR33353	Flap, Bottom Bed Scraper, Sliding Table, Slurry, Spreader	1		
5	PR33355	Bottom Bed Scraper, Sliding Floor, Slurry, Spreader	1		
6	PR38758	Plastic Guide, Hydraulic Cylinder, Sliding Floor	1		
7	PR38760	Plug, Sliding Floor, Spreader	1		
8	PR44533	Panel, Sliding Floor, Spreader 790,1190	1		
9	PR58806	Retaining Ring, 63/64" (.984) Shaft Size, External	2		
101	BL-10-LW	5/8 SPLIT LW ZC	1		
102	BL-10-FW-8	5/8" Grade 8 Flat Washer	2		
103	BL-8-200-35H8	0.8 x 16mm-2.0 x 35 Gr 8 HH Bolt Zinc Coated	1		
104	BL-6-350-C	3/8 UNC X 3 1/2 CARRIAGE BOLT GR5 ZINC	2		
105	BL-5-125-SS	5/16-18 x 1 1/4 Hex Cap, Stainless Steel	8		
106	BL-10-150-H	5/8-11 X 1 1/2 HEX CAP G5 ZC	4		
108	BL-6-SW	3/8 SAE FW ZC	2		
109	BL-10-LN	5/8-11 HEX LN NE ZC	4		
110	BL-10-SW	5/8 SAE FW ZC @	4		
111	BL-5-FW	5/16 USS FW ZC	8		
112	BL-5-LW	5/16 SPLIT LW ZC	8		
114	BL-6-LW	3/8 SPLIT LW ZC	2		

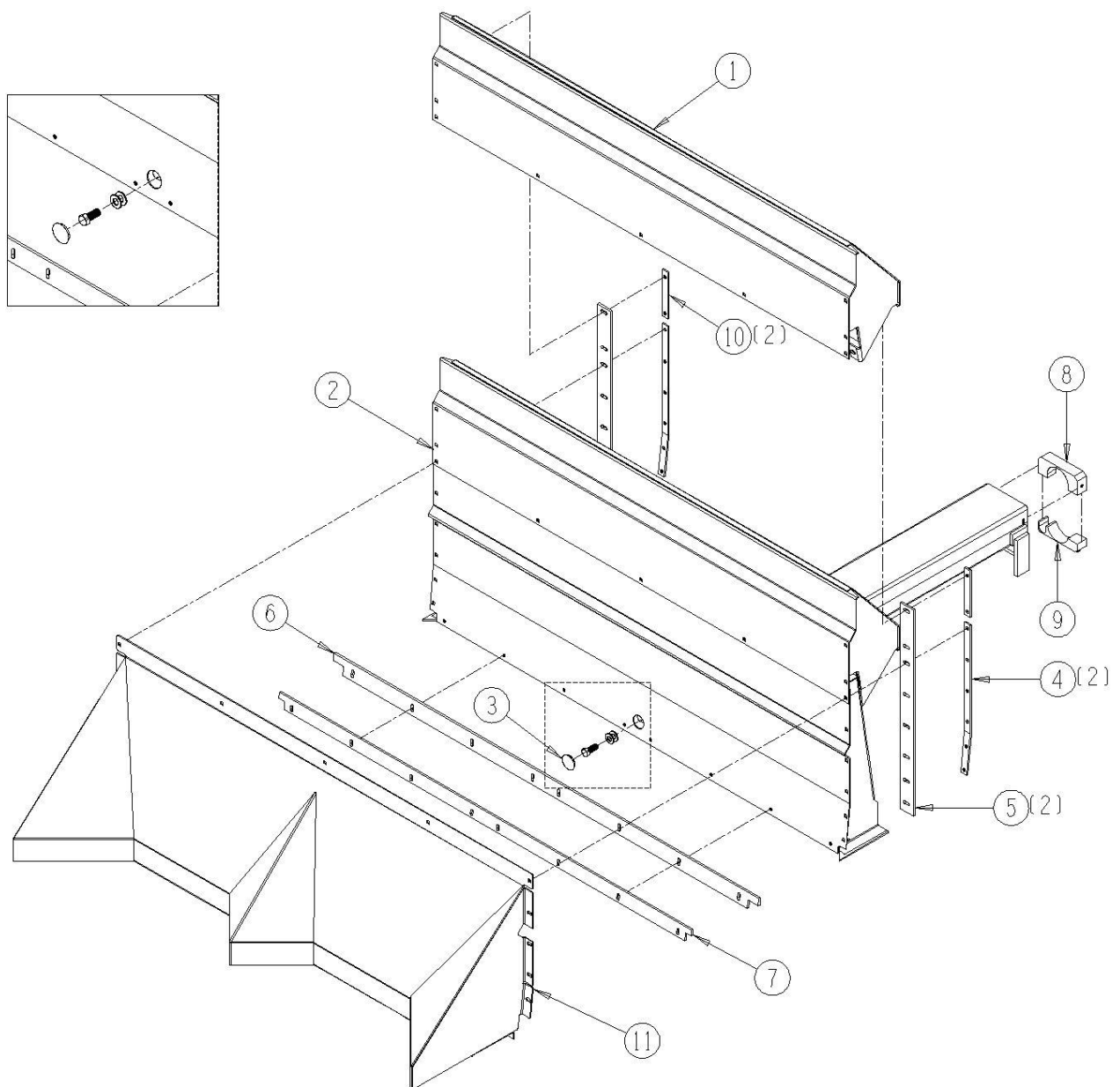
7009-1-3
SLIDING FLOOR



7009-1-4 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	PR22461	Extension, Moving Panel, Spreader	1		
2	PR25872	Front Panel, Sliding, Spreader	1		
3	PL-0024	Plastic, Nylon, 1-3/4" Hole Plug, Locking, Unvented	1		
4	PR33435	Strap, Moving Panel, Spreader	2		
5	PR33440	Flap, Moving Panel Scraper Belt, Spreader	2		
6	PR33441	Flap, Moving Panel Scraper Belting, Bottom	1		
7	PR33443	Retaining Bar, Moving Panel, Bottom	1		
8	PR34750	Guide, Plastic, Cylinder Holder, Moving Panel	1		
9	PR34751	Guide, Plastic, Cylinder Mount, Lower, Moving Pnl	1		
10	PR34268	Retainer Bar, Top, Side Scraper, Moving Panel	2		
11	PR50504	Pusher Extension, 790 VB Spreader	1		
101	BL-6-075-C	3/8 UNC X 3/4 CARRIAGE BOLT GR5 ZINC	8		
102	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	14		
103	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	2		
104	BL-5-125-H	5/16-18 X 1 1/4 HEX CAP G5 ZC	8		
105	BL-M16-40	Hex Bolt, 16mm x 40mm	2		
106	BL-6-075-H	3/8-16 X 3/4 HHCS G5 ZC	2		
107	BL-6-SW	3/8 SAE FW ZC	26		
109	BL-10-FW-8	5/8" Grade 8 Flat Washer	2		
110	BL-5-FW	5/16 USS FW ZC	8		
111	BL-5-LW	5/16 SPLIT LW ZC	8		
113	BL-6-N	3/8-16 HEX NUTS ZC	24		
114	BL-6-LW	3/8 SPLIT LW ZC	26		

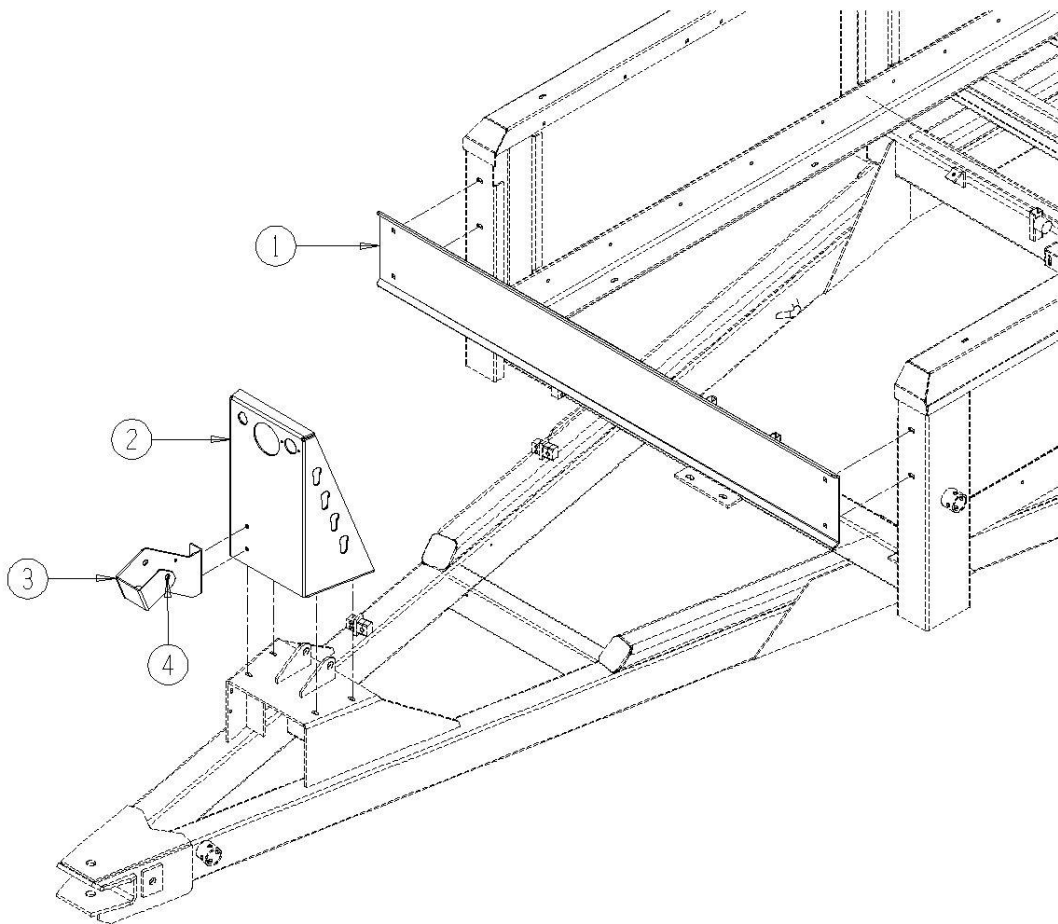
7009-1-4 MOVING PANEL



7009-1-5 Front Panel and Shields

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR22395	Front Panel	1		
2	PR50203	Support,Hose Spreader	0		
2	PR50206	Mount, Hose holder	1		
3	PR50207	PTO Holder Mount	1		
4	PIN-500-575	Pin 1/2 x 5-3/4 w/Lanyard & hairpin Clip	1		
101	BL-8-125-C	1/2 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	4		
102	BL-8-SW	1/2 SAE FW ZC	4		
103	BL-8-LW	1/2 SPLIT LW ZC	4		
104	BL-8-N	1/2-13 HEX FIN NUTS ZC	4		
105	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	2		
106	BL-6-SW	3/8 SAE FW ZC	4		
107	BL-6-LW	3/8 SPLIT LW ZC	2		
108	bl-6-n	3/8-16 HEX NUTS ZC	2		

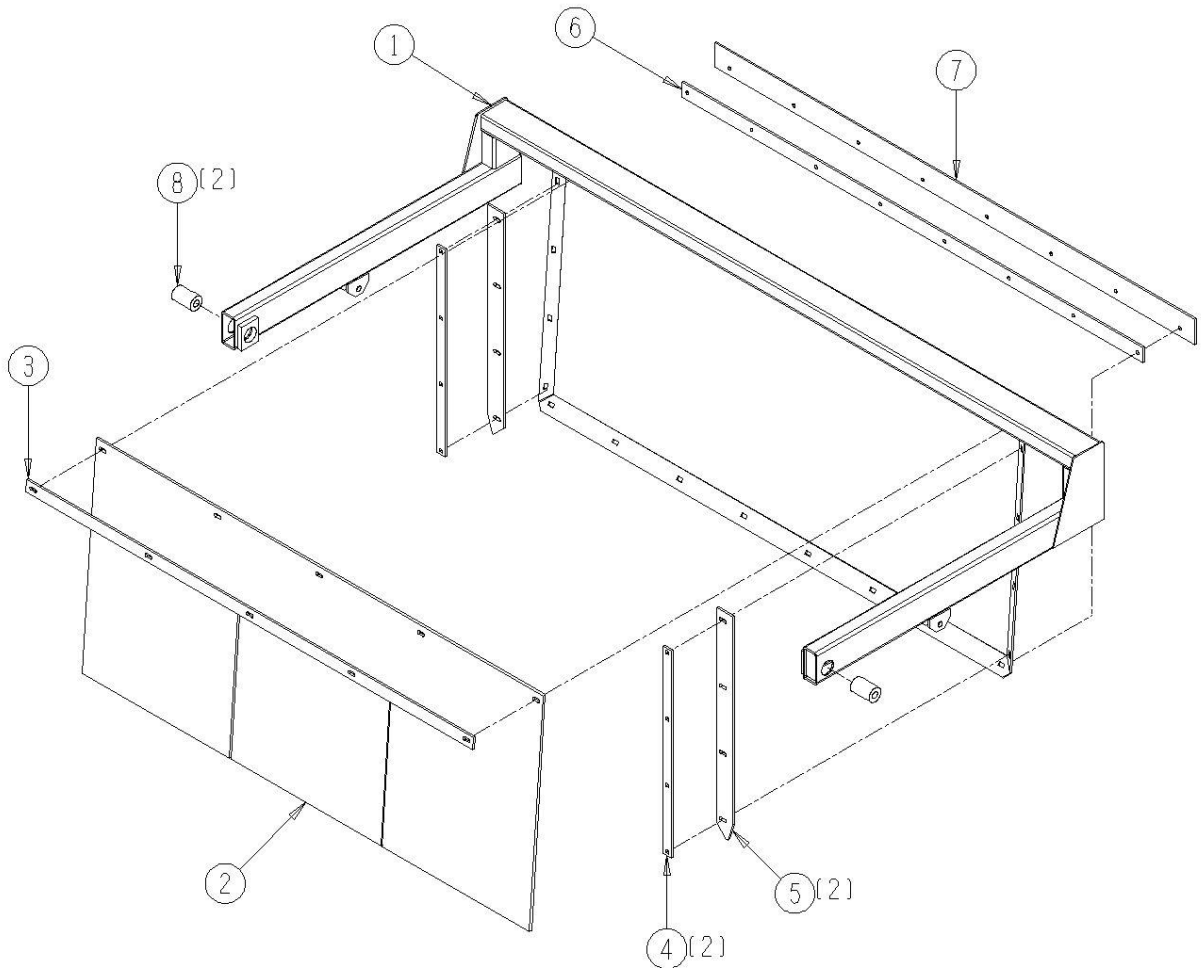
7009-1-5
FRONT PANEL AND SHIELDS



7009-1-7 Endgate

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR39046	End Gate Wldmt, Spreader	1		
2	BT-0086	Endgate Belting, 790 Spreader	1		
3	BAR-0168	Backing Bar, Endgate Belting, 790 Spreader	1		
4	PR39061	Bar, Side Belting Holder, End Gate, Spreader	2		
5	PR39062	Belting, Side, End Gate, Spreader	2		
6	PR39064	Belting, Bottom, End Gate, Spreader	1		
7	PR39063	Bar, Bottom, Belting Holder, End Gate, Spreader	1		
8	PR39065	Spacer, Pivot End Bushing, End Gate, Spreader	2		
101	BL-12-450-8	½" x 4 1/2", HH C/S G8 ZC	2		
102	BL-10-300-H	5/8-11 X 3 HEX CAP G5 ZC	2		
103	BL-10-375-H	5/8-11 X 3 ½ HEX CAP G5 ZC	2		
104	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	14		
105	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	2		
106	BL-10-SW	5/8 SAE FW ZC @	8		
107	BL-12-FW	½" Flat Washer	4		
108	BL-12-LN	½" Lock Nuts w/Nylon Inserts	2		
109	BL-10-LN	5/8-11 HEX LN NE ZC	4		
110	BL-6-N	3/8-16 HEX NUTS ZC	21		
111	BL-6-LW	3/8 SPLIT LW ZC	21		
112	BL-6-SW	3/8 SAE FW ZC	16		
113	BL-6-175-C	3/8 UNC X 1 ½ CARRIAGE BOLT GR5 ZINC	5		
114	BL-6-FW	3/8 USS FW ZC	5		

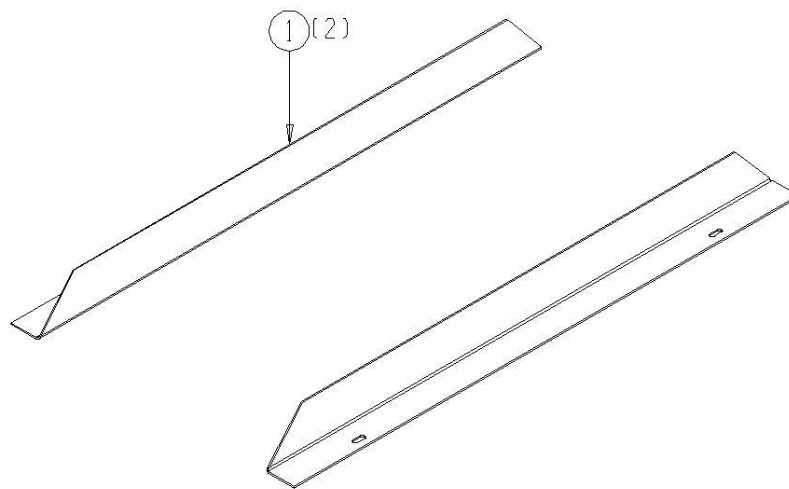
7009-1-7
ENDGATE



7001-1-8 Front Splash Guard

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR39182	Splash Guard, 790 & 1190	2		

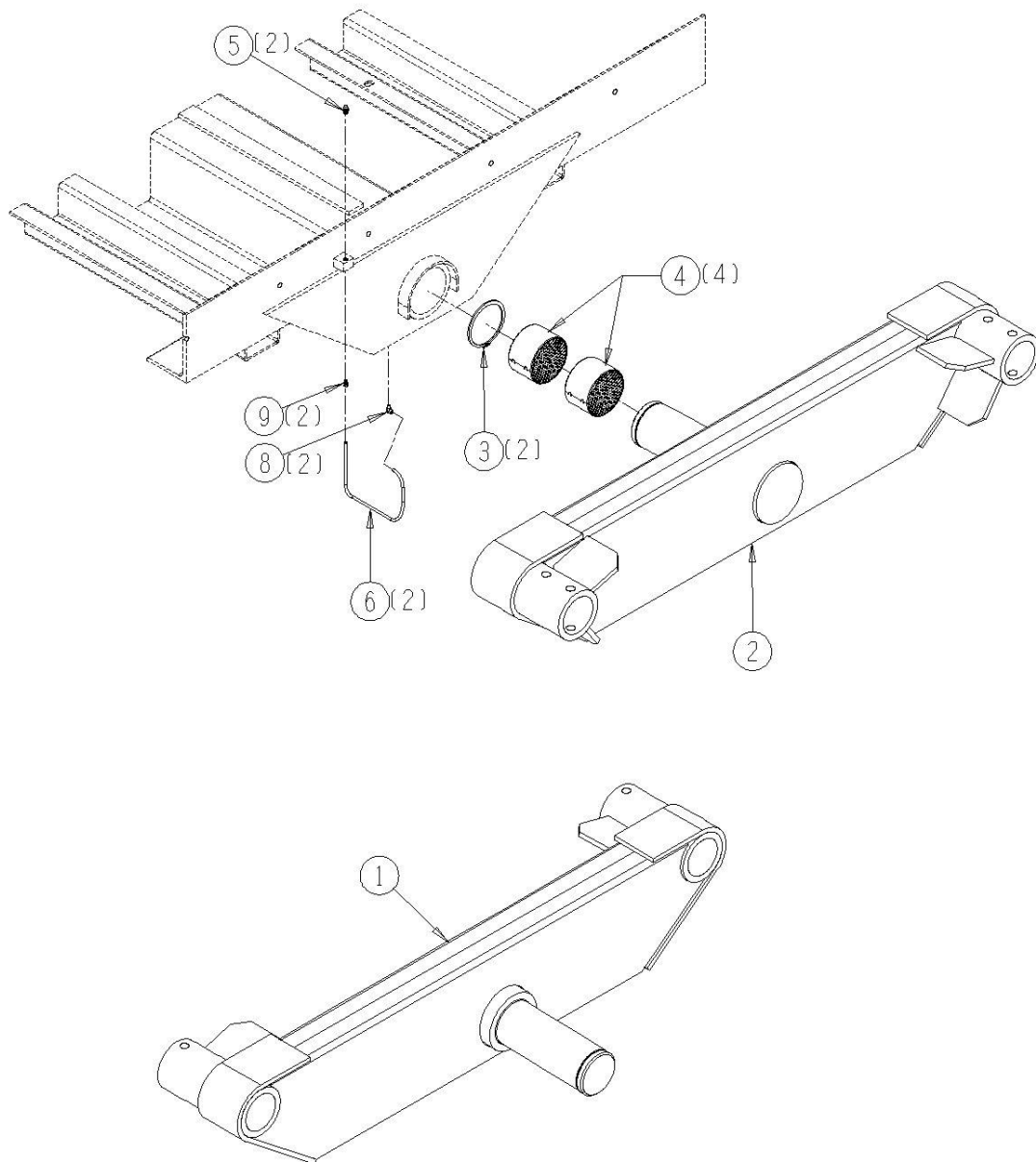
7001-1-8
FRONT SPLASH GUARD



7001-1-10 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	PR22990	Walking Beam, Right, Slides Into Axle, Spreader	1		
2	PR22989	Walking Beam, Left, Slides Into Axle, Spreader	1		
3	PR43595	Retaining Ring, 3 1/2", External	2		
4	PR34413	Bronze Bushing for Spreader, 3½" Dia Shaft	4		
5	GF-1827-65L	Grease Fitting 1/8 NPT Long 65°	2		
6	H2-16-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 16 in long	2		
7	DC-0010	Decal, Grease Every 10 hrs.	2		
8	A-1501-2-2	1/8" MP x 1/8" FPX90°	2		
9	A-1404-2-2	1/8 MP x 1/8 FPX	2		
101	BL-10-500-H	5/8-11 X 5 HEX CAP G5 ZC	4		
102	BL-10-LN	5/8-11 HEX LN NE ZC	4		

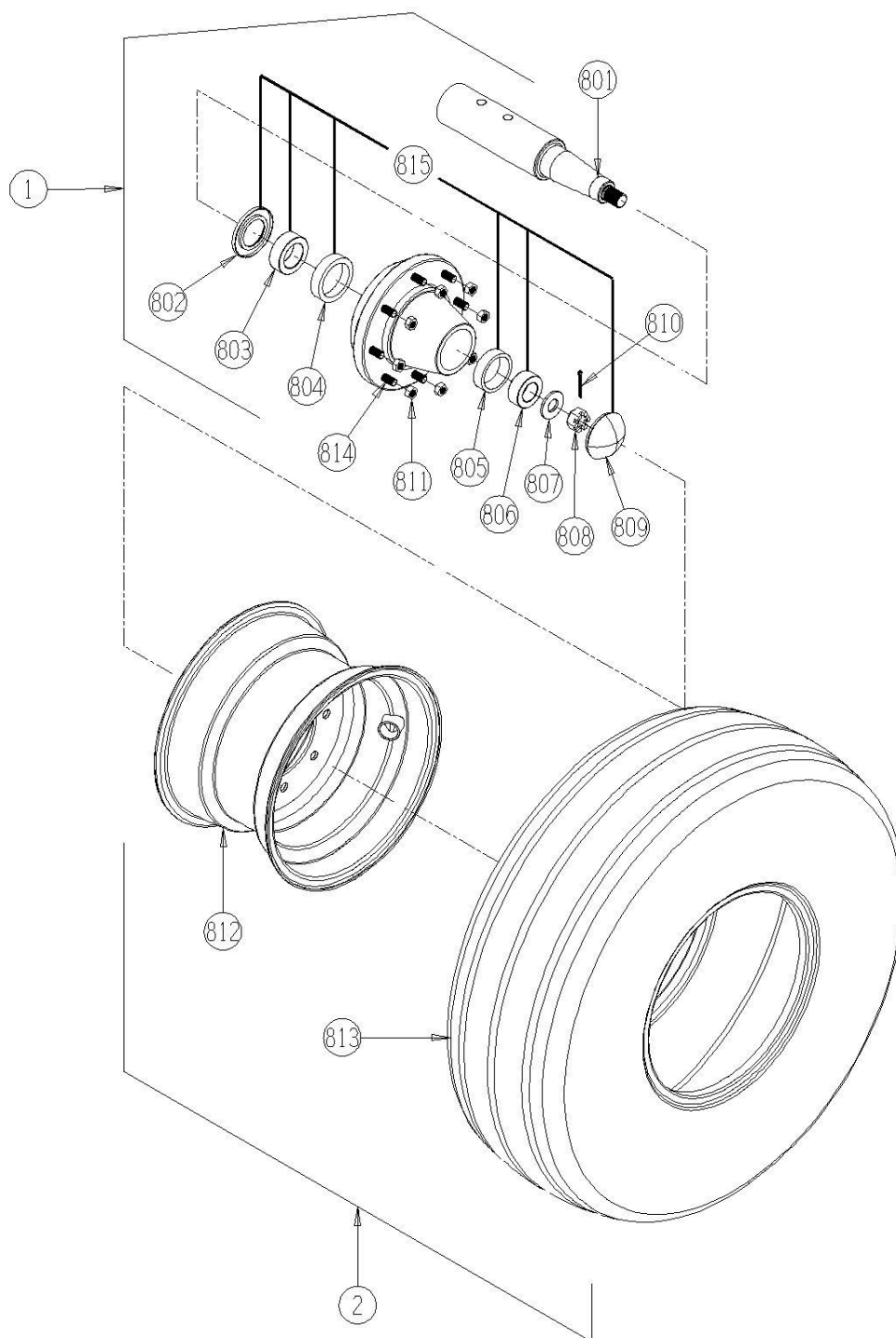
7001-1-10
WALKING BEAM



7001-1-11 Wheel, Hub and Bearings (Implement Tires)

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHL-3000	Hub Assembly Complete (includes spindle)	4		rated for 7500 lbs. CJM
2	WHM-1514	16.5-16.1 Tire & Wheel Assembly (Spreader, Tubeless)	4	790	
801	WHL-3001	Spindle 3" x 16"	4	WHL-3000	
802	WHL-3000G	Seal	4	WHL-3000	
803	WHL-3000C	Inner Cone	4	WHL-3000	
804	WHL-3000A	Inner Cup	4	WHL-3000	
805	WHL-3000B	Outer Cup	4	WHL-3000	
806	WHL-3000D	Outer Cone	4	WHL-3000	
807	WHL-3000K	Spindle Washer	4	WHL-3000	
808	WHL-3000J	Spindle Nut	4	WHL-3000	
809	WHL-3000H	Hub Cap	4	WHL-3000	3 1/8 od
810	PIN-C3-16-32	Cotter Pin 3/16 x 2"	4		
811	WHL-3000F	Lug Nut	32	WHL-3000	
812	WHL-1614	16 x 14 Wheel 8-8-6 (3/8 Positive Offset)	4		
813	WHT-1614	16.5 x 16.1 14 Ply Ribbed Implement Tire (Spreader, Tubeless)	4		
814	WHL-3000E	Stud Bolt	32	WHL-3000	
815	WBR-3000K	Wheel Bearing Kit for WHL-3000 Hub & Spindle Assy.	4	WHL-3000	

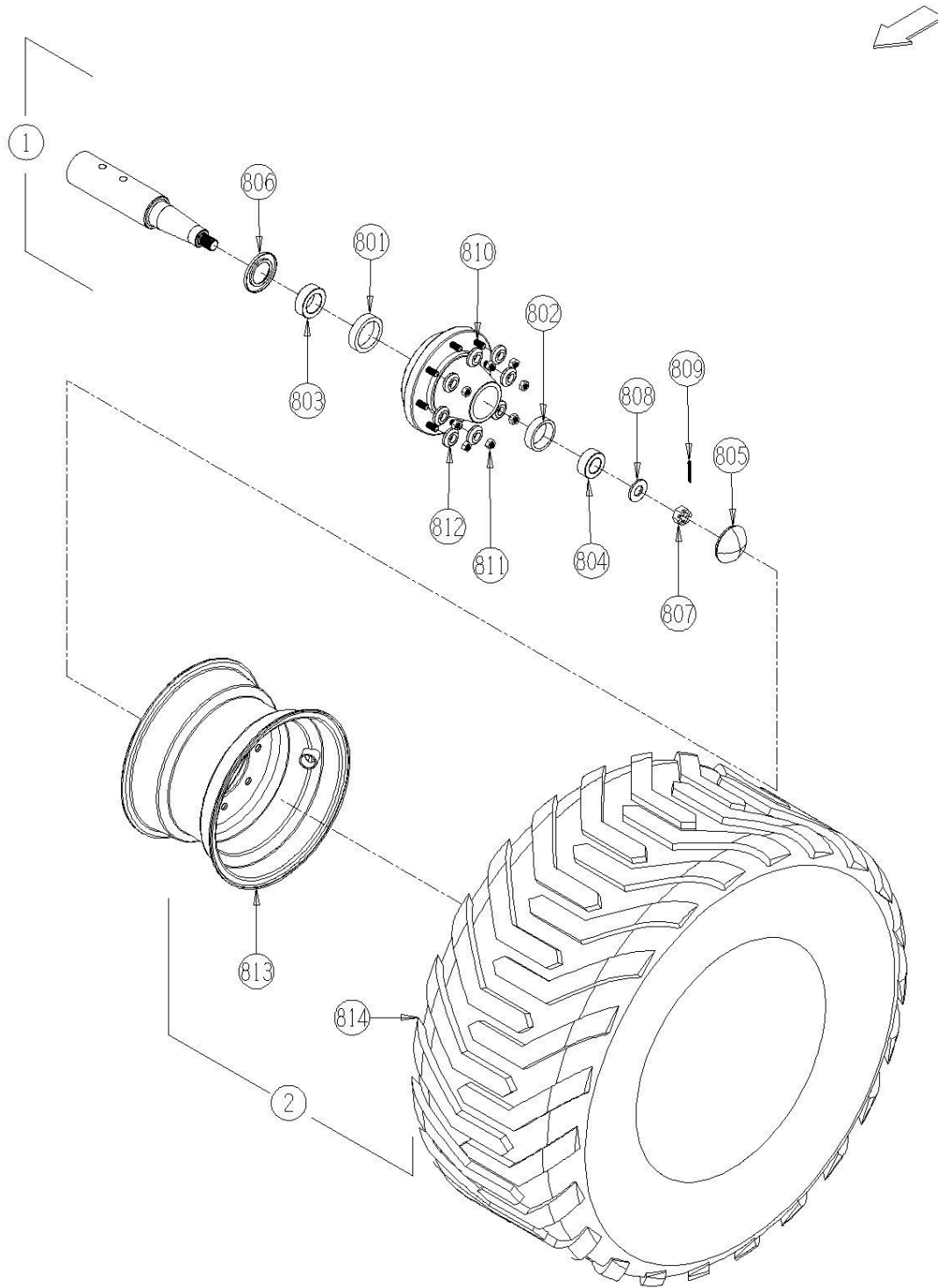
7001-1-11
WHEEL, HUB & BEARINGS
(IMPLEMENT TIRES)



7001-1-11.1 Optional- Wheel & Hub (500/50-22.5)

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHL-3000	Hub Assembly Complete (includes spindle), Painted Black	4		Harvesters use WHL-3000-2
2	WHM-7111	550/50-22.5 Tire & Wheel Assy	4		
801	WHL-3001	Spindle 3' x 16'	4	WHL-3000	
802	WHL-3000G	Seal	4	WHL-3000	
803	WHL-3000C	Inner Cone	4	WHL-3000	
804	WHL-3000A	Inner Cup	4	WHL-3000	
805	WHL-3000B	Outer Cup	4	WHL-3000	
806	WHL-3000D	Outer Cone	4	WHL-3000	
807	WHL-3000K	Spindle Washer	4	WHL-3000	
808	WHL-3000J	Spindle Nut	4	WHL-3000	
809	WHL-3000H	Hub Cap	4	WHL-3000	3 1/8 od
810	PIN-C3-16-32	Cotter Pin 3/16 x 2'	4		
811	WHL-3000F	Lug Nut	32	WHL-3000	
812	WHL-7111	Wheel, 22.5 x 16 6MM 12MM 8 Hole 6' Pilot, .75 Camfer, 0 Offset	4		
813	WHT-7111	Tire, 560/50-22.5, 16 Ply FLOT648 TL	4		
814	WHL-3000E	Stud Bolt	32	WHL-3000	
815	WBR-3000K	Wheel Bearing Kit for WHL-3000 Hub & Spindle Assy.	4	WHL-3000	

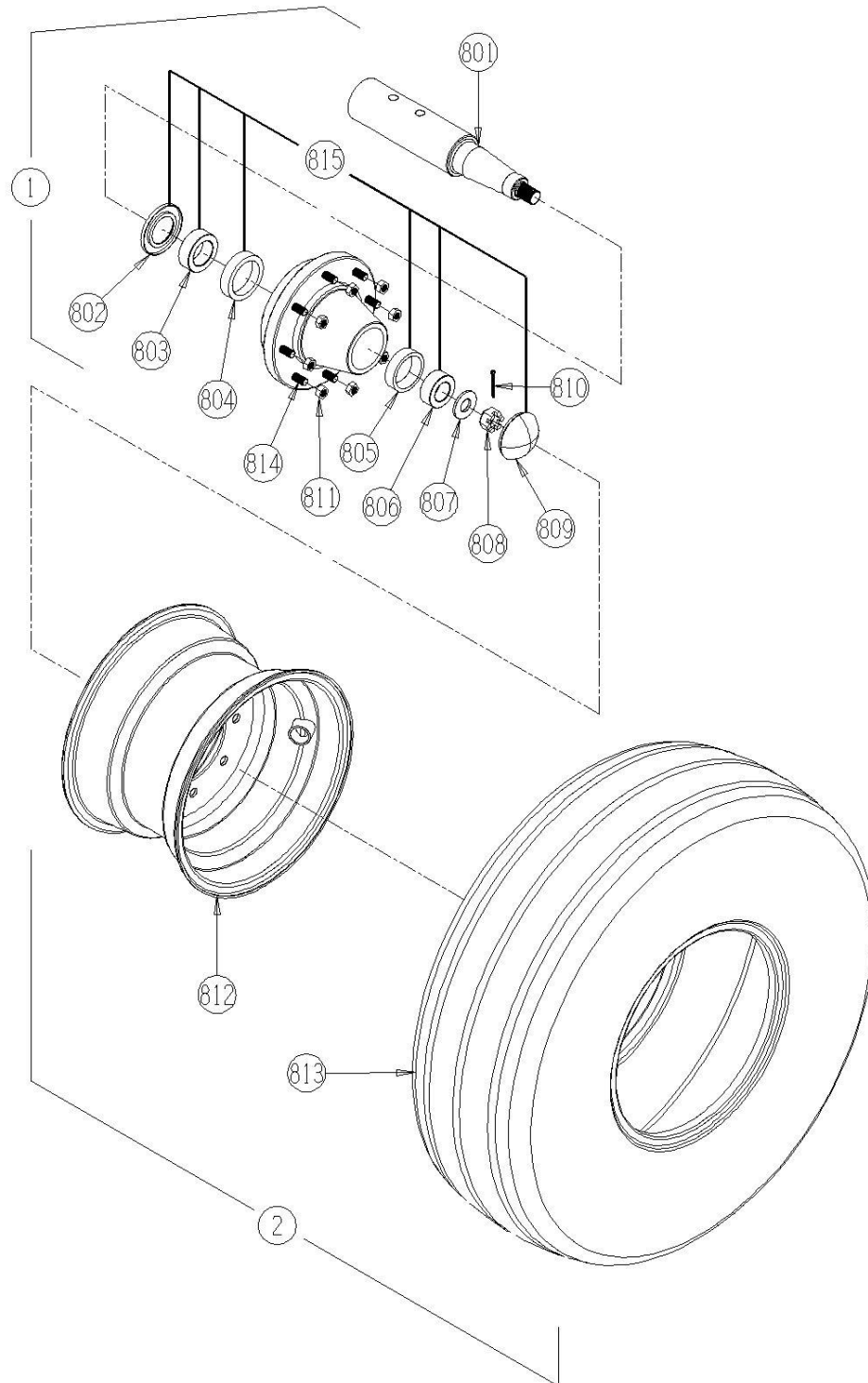
7001-1-11.1
OPTIONAL WHEEL & HUB



7001-1-12 Optional - Wheel, Hub and Bearings (Truck Tires)

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHL-3000	Hub Assembly Complete (includes spindle)	4		rated for 7500 lbs. CJM
2	WHM-7107	11.00-22.5 Tire & Wheel Assy.	4		
801	WHL-3001	Spindle 3" x 16"	4	WHL-3000	
802	WHL-3000G	Seal	4	WHL-3000	
803	WHL-3000C	Inner Cone	4	WHL-3000	
804	WHL-3000A	Inner Cup	4	WHL-3000	
805	WHL-3000B	Outer Cup	4	WHL-3000	
806	WHL-3000D	Outer Cone	4	WHL-3000	
807	WHL-3000K	Spindle Washer	4	WHL-3000	
808	WHL-3000J	Spindle Nut	4	WHL-3000	
809	WHL-3000H	Hub Cap	4	WHL-3000	3 1/8 od
810	PIN-C3-16-32	Cotter Pin 3/16 x 2"	4		
811	WHL-3000F	Lug Nut	32	WHL-3000	
812	WHL-7107	22.5 x 8.25 Wheel - 8-8-6 - 3/8" Positive Offset	4		
813	WHT-7107	11-22.5 Recapped Implement Tire	4		
814	WHL-3000E	Stud Bolt	32	WHL-3000	
815	WBR-3000K	Wheel Bearing Kit for WHL-3000 Hub & Spindle Assy.	4	WHL-3000	
816	WHT-1021	Bias Tube	4	WHT-1020 OR WHT-7107	

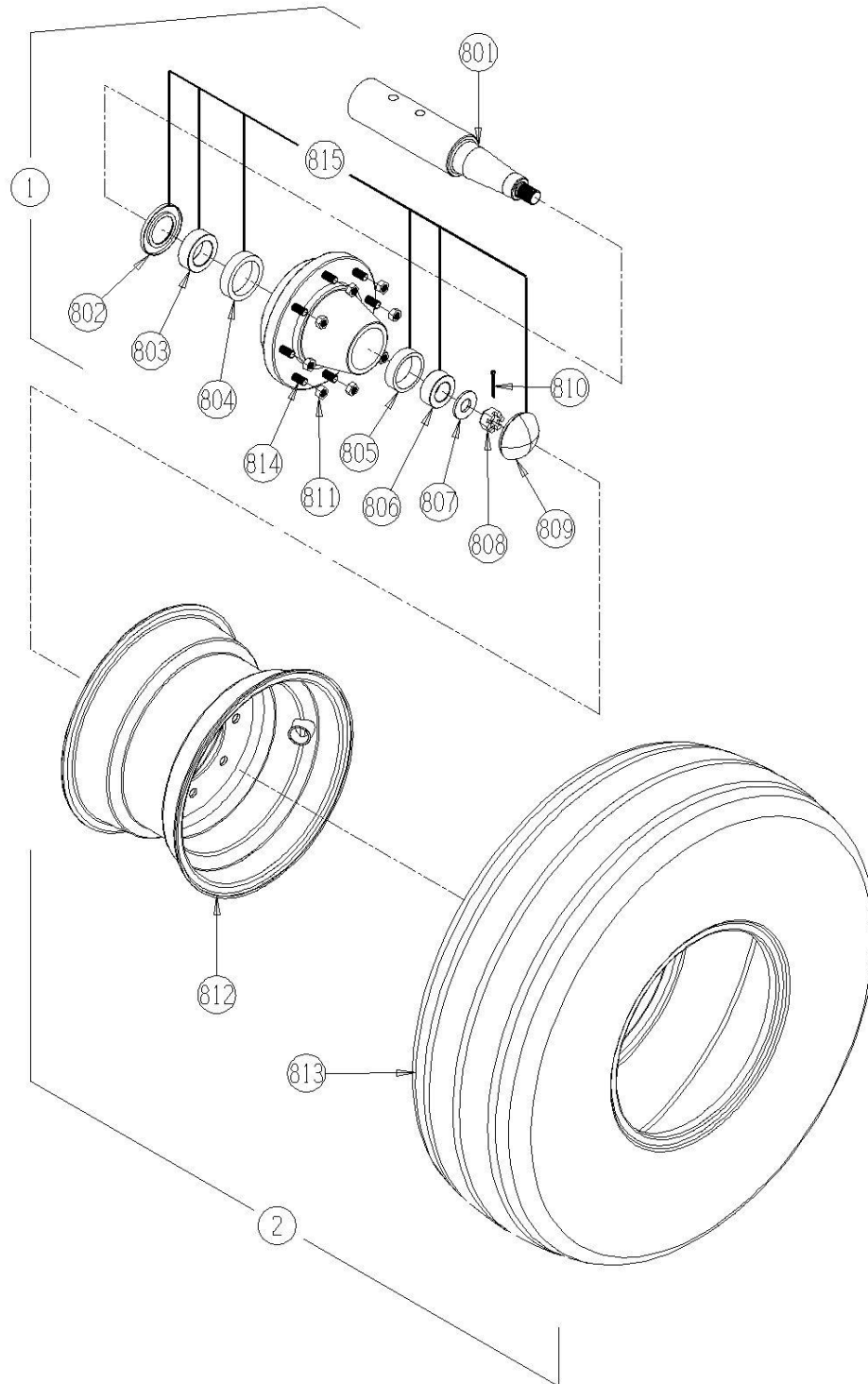
7001-1-12
 OPTIONAL WHEEL, HUB & BEARINGS
 (TRUCK TIRES)



7001-1-13 Optional - Wheel & Hub (385 Truck Tires)

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHL-3000	Hub Assembly Complete (includes spindle)	4		rated for 7500 lbs. CJM
2	WHM-7106	385/65R22.5 Tire & Wheel Assy	4	790	
801	WHL-3001	Spindle 3" x 16"	4	WHL-3000	
802	WHL-3000G	Seal	4	WHL-3000	
803	WHL-3000C	Inner Cone	4	WHL-3000	
804	WHL-3000A	Inner Cup	4	WHL-3000	
805	WHL-3000B	Outer Cup	4	WHL-3000	
806	WHL-3000D	Outer Cone	4	WHL-3000	
807	WHL-3000K	Spindle Washer	4	WHL-3000	
808	WHL-3000J	Spindle Nut	4	WHL-3000	
809	WHL-3000H	Hub Cap	4	WHL-3000	3 1/8 od
810	PIN-C3-16-32	Cotter Pin 3/16 x 2"	4		
811	WHL-3000F	Lug Nut	32	WHL-3000	
812	WHL-7106	22.5 X 11.75 Wheel 8-8-6 3/8" positive offset	4		
813	WHT-7106	Used Truck Tire 385/65R22.5	4		
814	WHL-3000E	Stud Bolt	32	WHL-3000	
815	WBR-3000K	Wheel Bearing Kit for WHL-3000 Hub & Spindle Assy.	4	WHL-3000	

7001-1-13
OPTIONAL WHEEL, HUB & BEARINGS
(385 TRUCK TIRES)

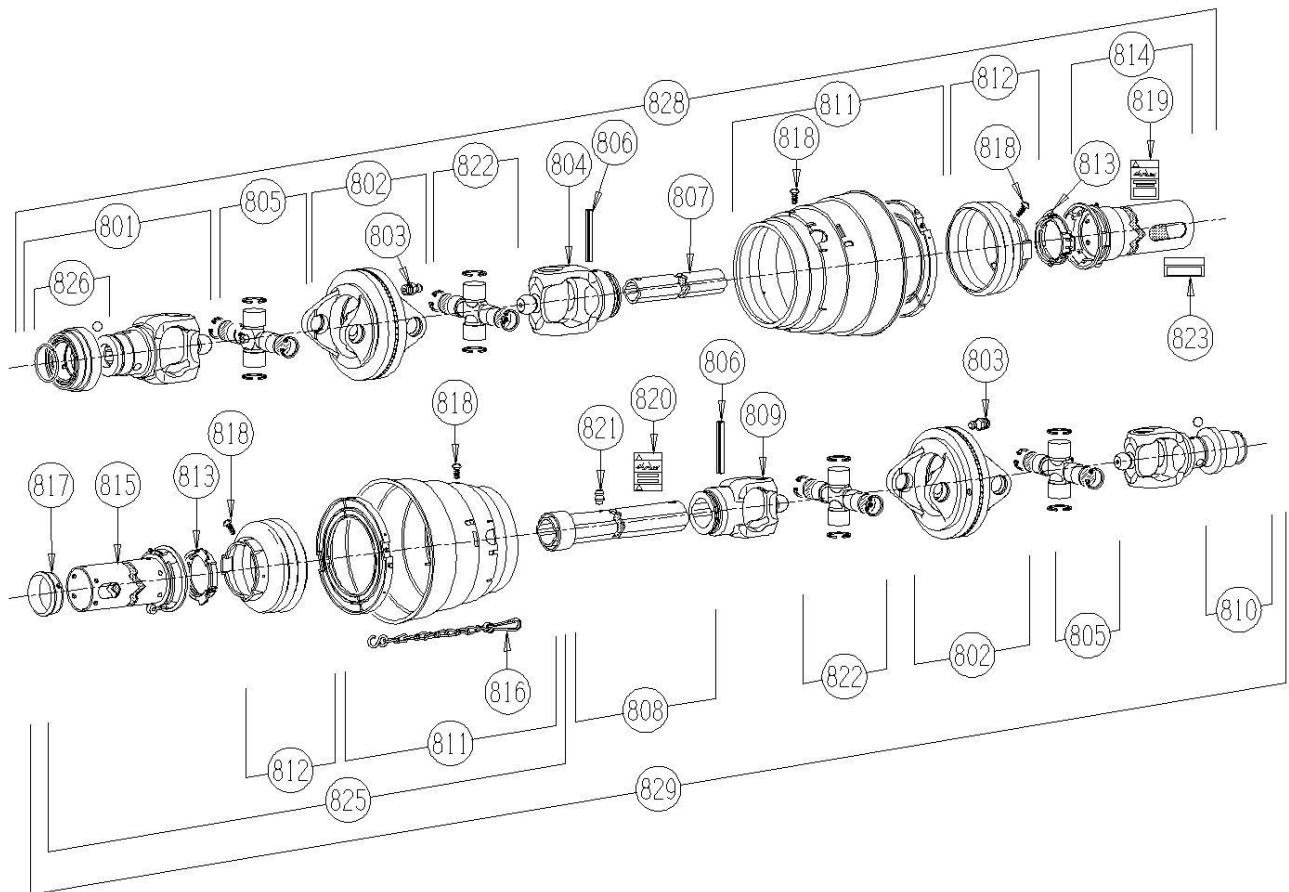


7009-2-1 1,000 RPM, 1-3/8' CV Driveline, Front

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PTS-1008	1000 rpm CV Driveline, 1-3/8' Front, 7109	1		
801	PTS-1008A	Yoke, 1 3/8'-21 Spline	1		
802	PTS-1008B	Double Yoke	2		Special Order Only
803	PTS-1008C	Zerk, Double Yoke	2		Special Order Only
804	PTS-1008D	Inboard Yoke, 1b	1		
805	PTS-1008E	Cross & Bearing Kit	2		
806	PTB-1014C	Spring Pin 10 X 75	2		Special Order Only
807	PTS-1008F	Inner Profile, 1bGA	1		
808	PTS-1008G	Profile and Sleeve WA	1		
809	PTS-1008H	Inboard Yoke, 2a	1		Special Order Only
810	PTS-1008J	Yoke, 1 3/4'-20 Spline	1		
811	PTS-1008K	CV Guard and Bearing Assy	2		Special Order Only
812	PTS-1008L	Guard Cone, 3 Rib	2		Special Order Only
813	PTS-1002J	PTO Shield Bearing Ring	2		Special Order Only
814	PTS-1008M	Guard Tube Outer	1		Special Order Only
815	PTS-1008N	Guard Tube, Inner	1		Special Order Only
816	PTS-1002K	PTO Shield Safety Chain	1		Special Order Only
817	PTS-1010N	Support Bearing	1		Special Order Only
818	PTS-1010K	Screw	14		Special Order Only
819	PTS-1010L	Decal, Outer	1		Special Order Only
820	PTS-1010M	Decal, Inner	1		Special Order Only
821	PTB-1014L	Zerk	1		Special Order Only
822	PTS-1008P	Cross Bearing & Kit	2		
823	PTS-1008Q	CV Lubrication Decal	1		Special Order Only
824	PTS-1008-FS	Front Shield Kit, Complete	1		
825	PTS-1008-RS	Rear Shield Kit, Complete	1		
826	PTB-1014P	ASGE Collar Kit	1		
827	PTS-1008R	ASG Collar Kit	1		

828	PTS-1008-FH	Front, Half Shaft	1
829	PTS-1008-RH	Rear, Half Shaft	1

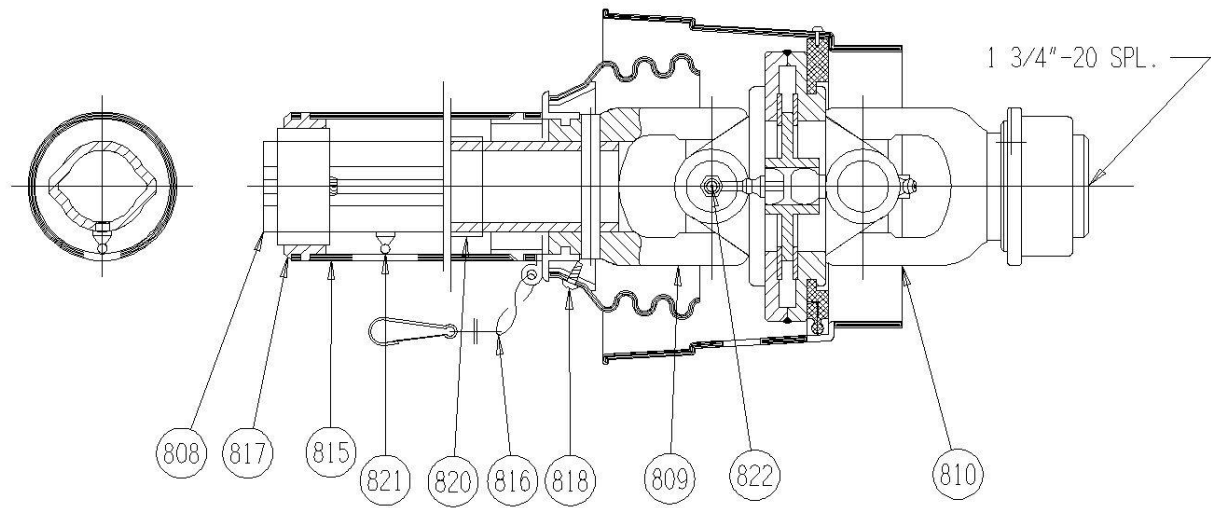
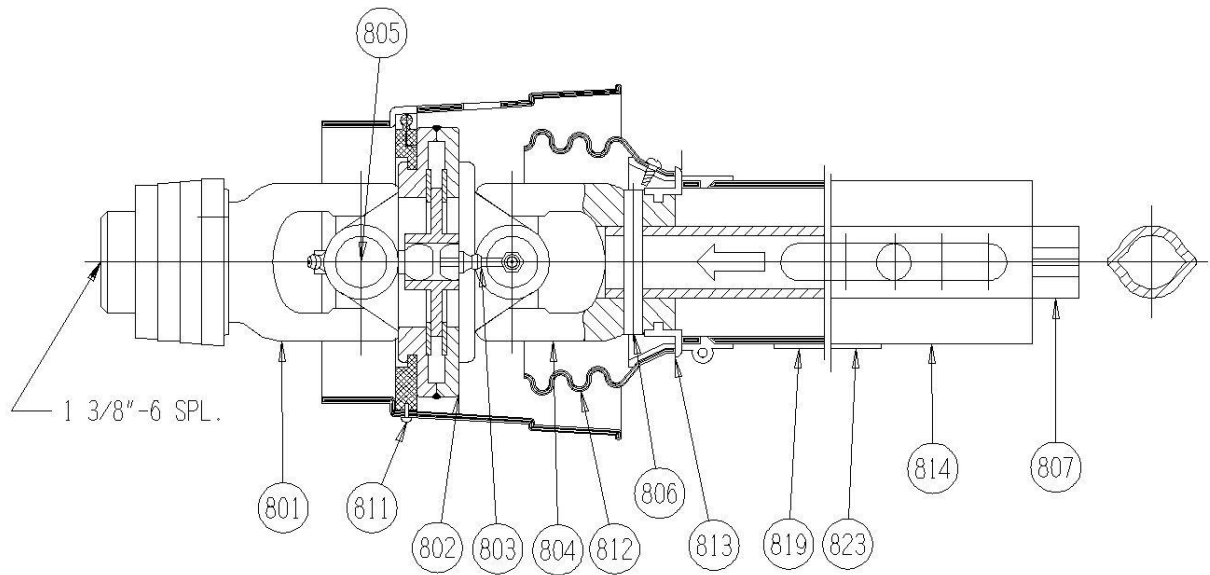
7009-2-1
1000 RPM, 1-3/8" CV DRIVELINE, FRONT



7009-2-1.1 540 RPM 1-3/8' CV Driveline

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	PTS-1012	540 rpm CV Driveline, Front, Vert.	1		
801	PTS-1012A	Yoke ASGE	1		
802	PTS-1008B	Double Yoke	2		Special Order Only
803	PTS-1017C	Zerk-in Item 2	2		
804	PTS-1008D	Inboard Yoke, 1b	1		
805	PTS-1008E	Cross & Bearing Kit	2		
806	PTS-1010C	Spring Pin	2		Special Order Only
807	PTS-1008F	Inner Profile, 1bGA	1		
809	PTS-1008H	Inboard Yoke, 2a	1		Special Order Only
810	PTS-1008J	Yoke, 1 3/4'-20 Spline	1		
811	PTS-1008K	CV Guard and Bearing Assy	2		Special Order Only
812	PTS-1008L	Guard Cone, 3 Rib	2		Special Order Only
813	PTS-1002J	PTO Shield Bearing Ring	2		Special Order Only
816	PTS-1002K	PTO Shield Safety Chain	1		Special Order Only
817	PTS-1010N	Support Bearing	1		Special Order Only
818	PTS-1010K	Screw	14		Special Order Only
819	PTS-1010L	Decal, Outer	1		Special Order Only
820	PTS-1010M	Decal, Inner	1		Special Order Only
821	PTB-1014L	Zerk	1		Special Order Only
822	PTS-1008P	Cross Bearing & Kit	2		
823	PTS-1008Q	CV Lubrication Decal	1		Special Order Only

7009-2-1.1
540 RPM, 1-3/8" CV DRIVELINE, FRONT

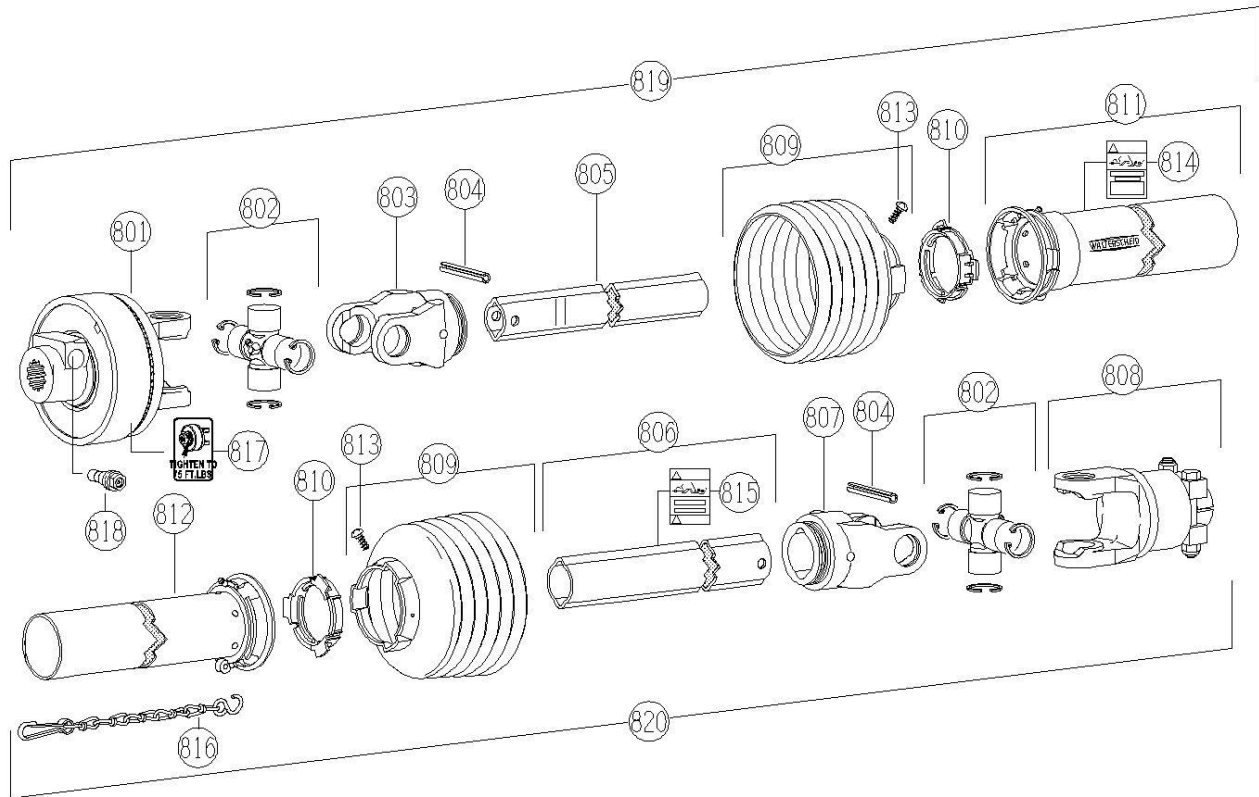


7009-2-2 Driveline, Rear

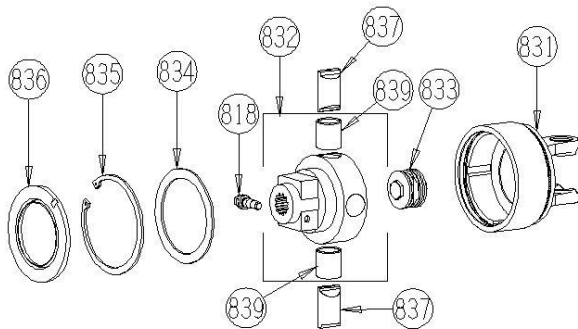
<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	PTS-1009	Driveline,Rear, 1190 Vert.	1		
801	PTS-1009L	Cut-Out Clutch	1		Special Order Only
802	PTS-1010B	Cross & Bearing Kit	2		
803	PTS-1009B	Inboard Yoke, 1b	1		Special Order Only
804	PTS-1010C	Spring Pin	2		Special Order Only
805	PTB-1014E	Inner Profile	1		Special Order Only
806	PTS-1009M	Outer Profile	1		Special Order Only
807	PTS-1010D	Inboard Yoke	1		Special Order Only
808	PTS-1009N	Overrunning Clutch	1		
809	PTB-1014I	Shield Cone 6 Rib	2		Special Order Only
810	PTS-1002J	PTO Shield Bearing Ring	2		Special Order Only
811	PTS-1009P	Guard Tube Outer	1		Special Order Only
812	PTS-1009Q	Guard Tube Inner	1		Special Order Only
813	PTS-1010K	Screw	2		Special Order Only
814	PTS-1010L	Decal, Outer	1		Special Order Only
815	PTS-1010M	Decal, Inner	1		Special Order Only
816	PTS-1002K	PTO Shield Safety Chain	1		Special Order Only
817	PTS-1009J	Decal	1		Special Order Only
818	PTS-1009K	CC Lock Assembly	1		Special Order Only
819	PTS-1009-FH	Front, Half Shaft	1		Special Order Only
820	PTS-1009-RH	Rear, Half Shaft	1		Special Order Only
831	PTS-1009E-B	Housing	1		Special Order Only
832	PTS-1009E-C	Hub 1-3/4'-20 Spl CC	1		Special Order Only
833	PTS-1009E-D	Spring Pack	1		
834	PTS-1009E-E	Washer	1		Special Order Only
835	PTS-1009E-F	Retaining Ring	1		Special Order Only
836	PTS-1009E-G	Sealing Ring	1		Special Order Only
838	PTS-1009E-A	Cam	2		

839	PTS-1009E-H	Bushing - In Part PTS-1009E-C	2	
841	PTS-1020A-A	Clutch Housing	1	Special Order Only
842	PTS-1009N-A	Hub	1	Special Order Only
843	PTS-1010F-A	Key	2	
844	PTS-1010F-B	Leaf Spring	2	
845	PTS-1009N-B	Supporting Ring	1	Special Order Only
846	PTS-1010F-G	Retaining Ring	1	Special Order Only
847	PTS-1009N-C	Clamp Bridge	2	Special Order Only
848	PTS-1009N-D	Hex Bolt - M16 x 110L	2	
849	PTS-1009N-E	Locknut - M16	2	
850	PTS-1008C	Zerk, Double Yoke	1	Special Order Only

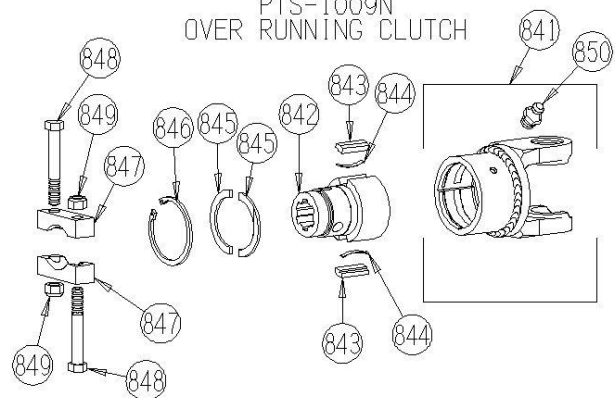
7009-2-2 DRIVELINE, REAR



PTS-1009L CUT-OUT CLUTCH



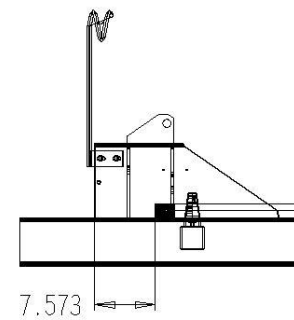
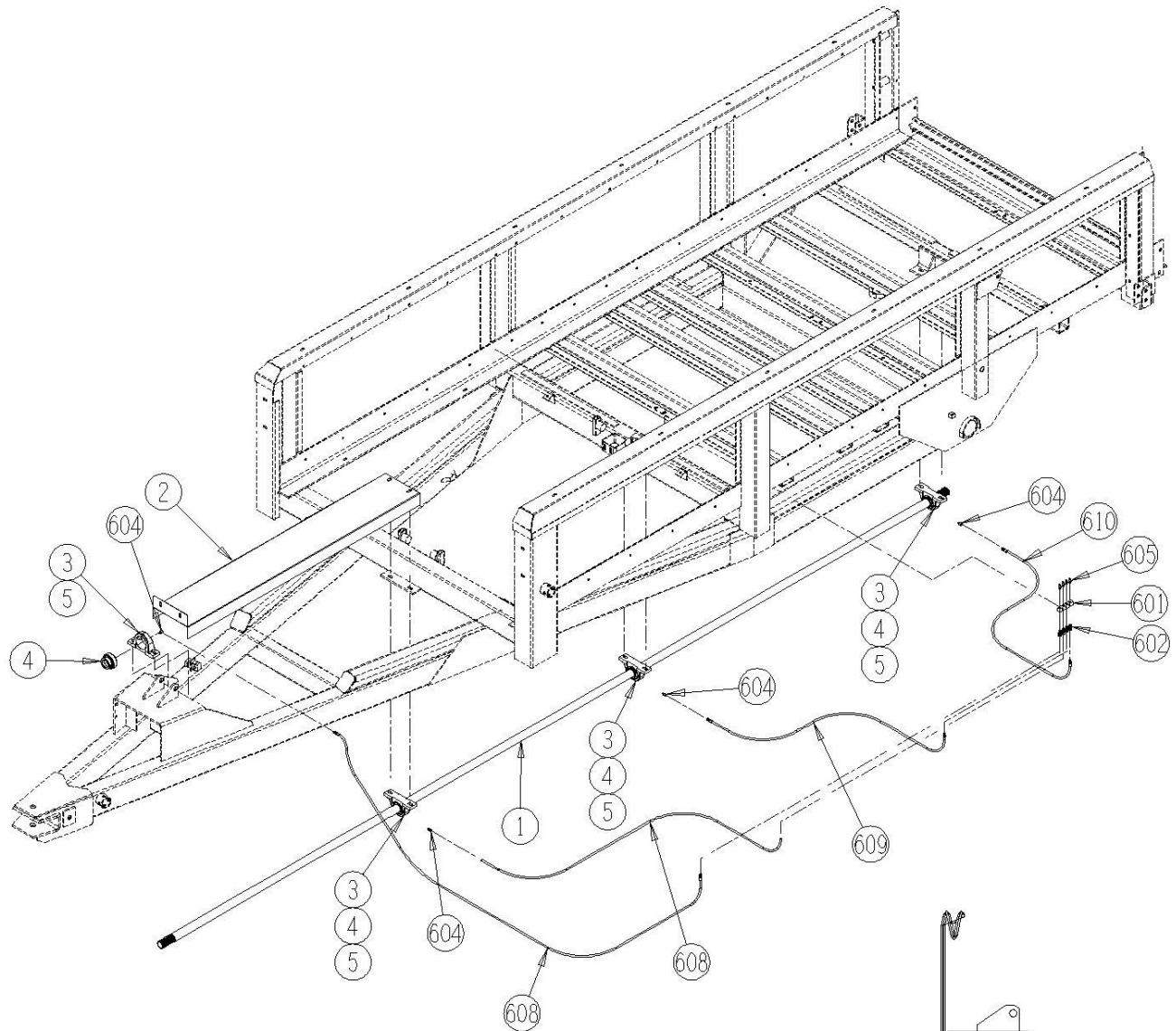
PTS-1009N OVER RUNNING CLUTCH



7009-2-5 Main Drive Shaft & Shields

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR33228	Shaft, Main, Vertical Beater Spreader	1		
2	PR50202	PTO Shield, 1190 Vertical Beater Spreader	1		
3	BR-085-RAK	Bearing Housing 85 mm	4		
4	BR-175-085-I	Bearing, 1 ¾" ID, TS	4		
5	GF-1428	Grease Fitting 1/4" x 28 straight	4		
601	GF-4-4	4" Grease Manifold	1		
602	A-1404-2-2	1/8 MP x 1/8 FPX	4		
603	H2-200-2mp-2mp	1/8 in grease hose 1/8MP x 1/8MP x 200 in long	1		
604	GFA-51942	1/4"-28 Straight Adapter	4		
606	A-1501-2-2	1/8" MP x 1/8" FPX90°	4		
608	H2-56-2MP-2MP	1/8in Hose x 1/8MP x 1/8MP x 56in	1		
609	H2-41-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 41 in long	1		
610	H2-130-2MP-2MP	1/8" Grease Hose 1/8MP x 1/8MP x 130" Long	1		
611	HA-1031	Hydraulic Hose Holder 3/8	5		
612	WT-11	Wire Tie 11"	12		

7009-2-5 MAIN DRIVE SHAFT & SHIELDS

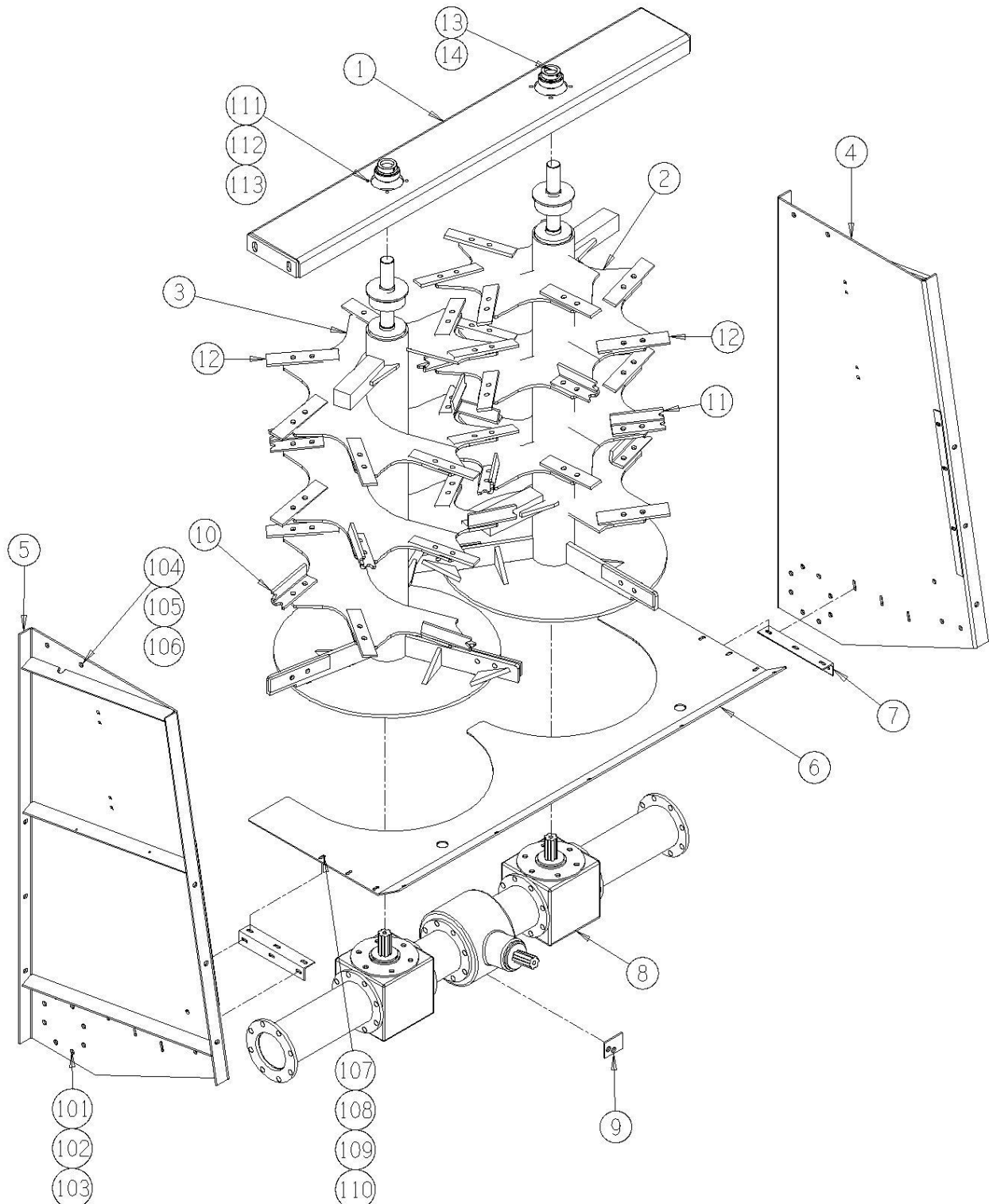


7009-2-7 790VB Main Beater, 1000 RPM, S.N. 70210020-

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	VTB-0001	Top Plate, Bearing Plate, Vert Beater	1		
2	VTB-0009	Vertical Beater, LH, 790VB	1		
3	VTB-0010	Vertical Beater, RH, 790VB	1		
4	PR51650	Panel,Left Side, 790Vertical Beater	1	70209006-	
5	PR51651	Panel,Right Side, 790 Vertical Beater	1	70209006-	
6	PR5052	Panel,Bottom Vertical Beater	1		
7	PR50501	Angle, Floor Verical Beater	2		
8	VTB-1899-P2	Gear Box, 1000 RPM, 790VB, 1190VB	1		
9	PR50502	Shim, Bottom Panel under Gearbox	1		
10	VTB-1899-B3	Right Blade	7		
11	VTB-1899-C3	Left Blade	7		
12	VTB-1899-A3	Knife	34		
13	BR-085-4PF	85mm Four Bolt Piloted Flange Housing	2		
14	BR-175-085-I	Bearing, 1 1/2" ID, TS	2		
15	GF-2-2	2" Grease Manifold	1		
101	BL-9-200-H8	9/16-12 x 2, Hex Head, Grade 8	16		
102	BL-9-FW-8	9/16" Grade 8 Flat Washer	16		
103	BL-9-LN	9/16" Lock Nuts w/Nylon Inserts	16		
104	BL-10-175-H8	5/8-11 X 1 1/2" HEX CAP G8 ZC	84		
104	BL-10-200-H	5/8-11 X 2 HEX CAP G5 ZC	4		
105	BL-10-LN	5/8-11 HEX LN NE ZC	88		
106	BL-10-SW	5/8 SAE FW ZC @	8		
107	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	17		
108	BL-6-LW	3/8 SPLIT LW ZC	17		
109	BL-6-N	3/8-16 HEX NUTS ZC	17		
110	BL-6-SW	3/8 SAE FW ZC	17		
111	BL-7-125-HH	7/16" x 1 1/4", Hex Head, Gr 5, Zinc	8		
112	BL-7-LW	7/16" Split LW,Zinc Coated	8		

113	BL-7-SW	7/16 SAE FW ZC	8	
114	BL-10-200-H8	5/8-11 X 2 HEX CAP G8 ZC	12	
117	HP-1038	Gear Lube, 80W90 @ Quart	11	Hydra Ram Spreader
602	A-1503-2-2	1/8' MP x 1/8' FPX 45-	2	
603	GF-1827	Grease Fitting 1/8 NPT Straight	2	
604	H2-47-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 47 in long	1	
605	H2-78-2MP-2MP	1/8 in Grease Hose 1/8MP x 1/8MP x 78in Long	1	
606	A-1404-2-2	1/8 MP x 1/8 FPX	2	

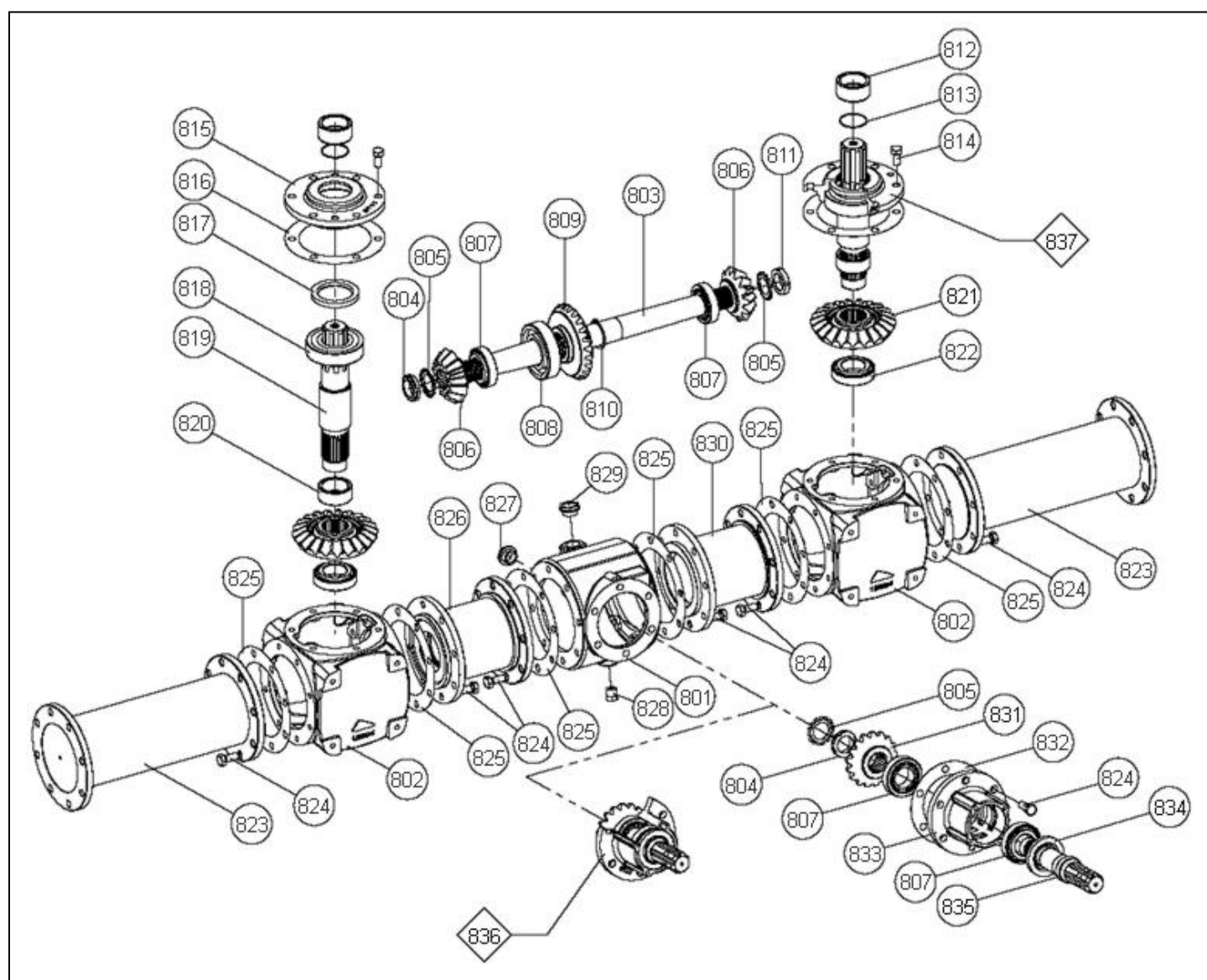
7009-2-7
MAIN BEATER, 1000 RPM



7109-2-7.1 Gear Box, Main Beater

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
801	VTB-1899-A1	Housing	1		
802	VTB-1899-B1	Housing	2		
803	VTB-1899-C1	Shaft	1		
804	VTB-1899-D1	Threaded Ring	2		
805	VTB-1899-E1	Washer	3		
806	VTB-1899-F1	Bevel Pinion Z=13	2		
807	VTB-1899-G1	Bearing 32209	4		
808	VTB-1899-H1	Bearing 6311	1		
809	VTB-1899-J1	Gear Z=24	1		
810	VTB-1899-K1	Circlip E 55	1		
811	VTB-1899-L1	Threaded Ring	1		
812	VTB-1899-M1	Spacer	2		
813	VTB-1899-N1	O-ring 2212	2		
814	VTB-1899-P1	Screw, hex-hd M14X30	12		
815	VTB-1899-Q1	Calotte	2		
816	VTB-1899-R1	Gasket	2		
817	VTB-1899-S1	Oil Seal	2		
818	VTB-1899-T1	Bearing 6311-2RS	2		
819	VTB-1899-U1	Shaft	2		
820	VTB-1899-V1	Spacer	2		
821	VTB-1899-W1	Gear Z=22	2		
822	VTB-1899-X1	Bearing 32210	2		
823	VTB-1899-Y1	Spacer L=428	2		
824	VTB-1899-Z1	Screw, hex-hd M14X35	54		
825	VTB-1899-A2	Gasket	6		
826	VTB-1899-B2	Right Spacer L=178	1		
827	VTB-1899-C2	Oil Lev. Indicator	1		
828	VTB-1899-D2	Oil Plug, 1/2" Gas	1		

829	VTB-1899-E2	Oil Plug, 1" Gas.	1
830	VTB-1899-F2	Left Spacer, L=178	1
830	VTB-1899-G2	Bevel Pinion Z=17	1
832	VTB-1899-H2	Gasket	1
833	VTB-1899-J2	Hub	1
834	VTB-1899-K2	Oil Seal	1
835	VTB-1899-L2	Shaft	1
836	VTB-1899-M2	Hub Complete	1
837	VTB-1899-N2	Calotte Complete	2

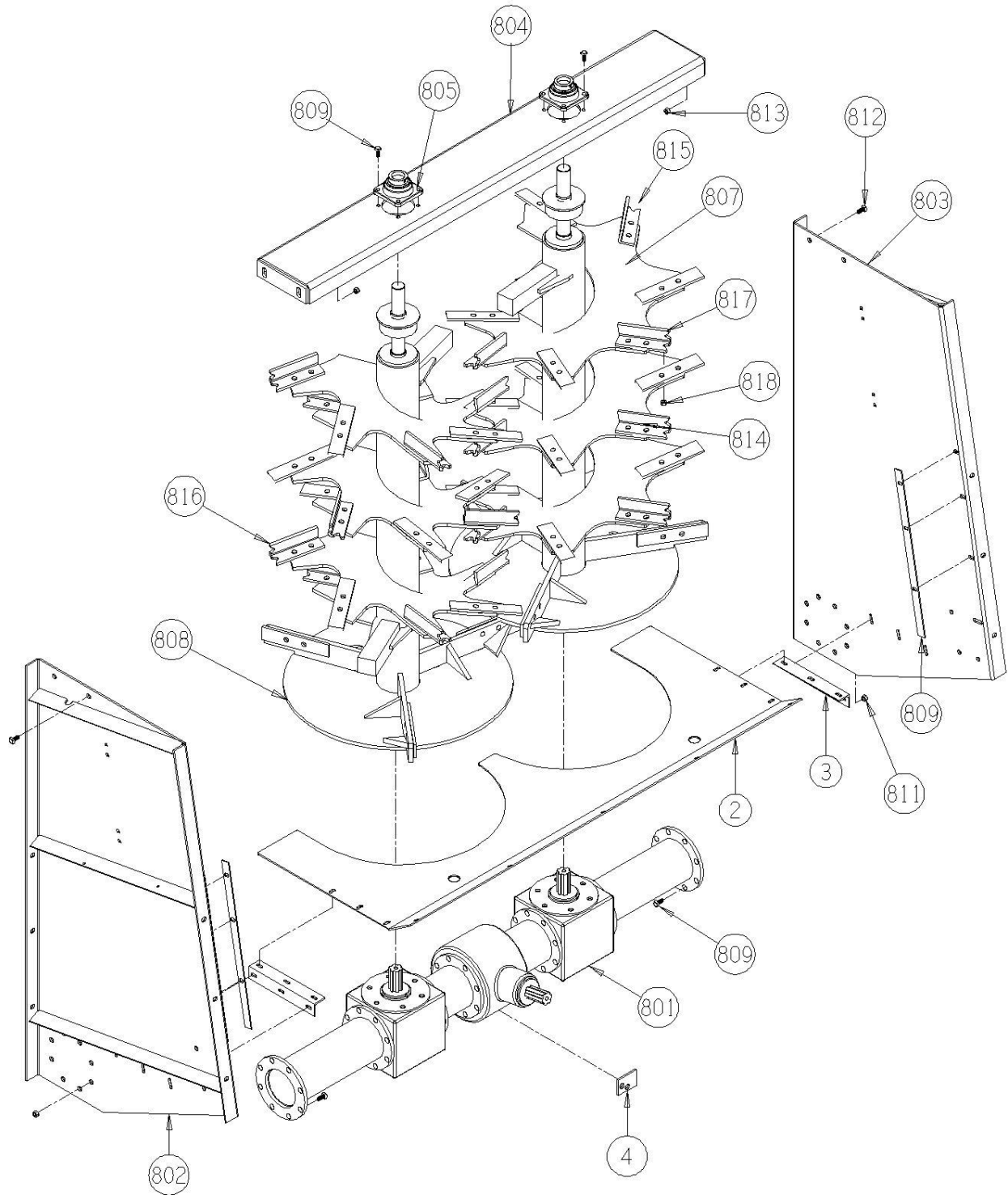
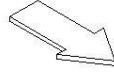


7009-2-7A Main Beater, 1000 rpm, S.N. -70210019

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	VTB-1885	Vertical Beater System, 790, 1000rpm	1		
2	PR5052	Panel,Bottom Vertical Beater	1		
3	PR50501	Angle, Floor Verical Beater	2		
4	PR50502	Shim, Bottom Panel under Gearbox	1		
101	BL-9-200-H8	9/16-12 x 2, Hex Head, Grade 8	16		
102	BL-9-FW-8	9/16' Grade 8 Flat Washer	16		
103	BL-9-LN	9/16' Lock Nuts w/Nylon Inserts	16		
601	GF-2-2	2' Grease Manifold	1		
602	A-1404-4-4	1/4 MP x 1/4 FPX	2		
603	GF-1827-45	Grease Fitting 1/8 NPT 45-	2		
604	H2-49-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 49 in long	1		
605	H2-107-2MP-2MP	1/8 Hose x 1/8MP x 1/8MP 107in Long	1		
801	VTB-1899-P2	Gear Box, 1000 RPM, 790VB, 1190VB	1		
802	VTB-1885-A1	Right Panel	1		
803	VTB-1885-B1	Left Panel	1		
804	VTB-1899-S2	Cross Bar	1		
805	VTB-1899-T2	Bearing, Vertical Beater -70210019	2		
806	VTB-1899-T3	Bearing Housing, Vertical Beater	2		
807	VTB-1885-C1	Right Beater	1		
808	VTB-1885-D1	Left Beater	1		
809	VTB-1885-E1	Plate	8		
810	VTB-1899-W2	Screw, hex-hd M14X40	16		
811	VTB-1899-X2	Nut M14-8G	16		
812	VTB-1899-Y2	Screw, hex-hd M18X45	4		
813	VTB-1899-Z2	Nut M18-8G	4		
814	VTB-1899-A3	Knife	30		
815	VTB-1899-B3	Right Blade	9		
816	VTB-1899-C3	Left Blade	9		

817	VTB-1899-D3	Screw, hex-hd M16x40	96	
818	VTB-1899-E3	Nut M16x1.5	96	
850	PR51600	Panel,Left Side, 790Vertical Beater (Early)	0	70209001- 70209005
851	PR51601	Panel,Right Side, 790 Vertical Beater (Early)	0	70209001- 70209005
852	PR51650	Panel,Left Side, 790Vertical Beater	0	70209006-
853	PR51651	Panel,Right Side, 790 Vertical Beater	0	70209006-

7009-2-7A
MAIN BEATER, 1000 RPM

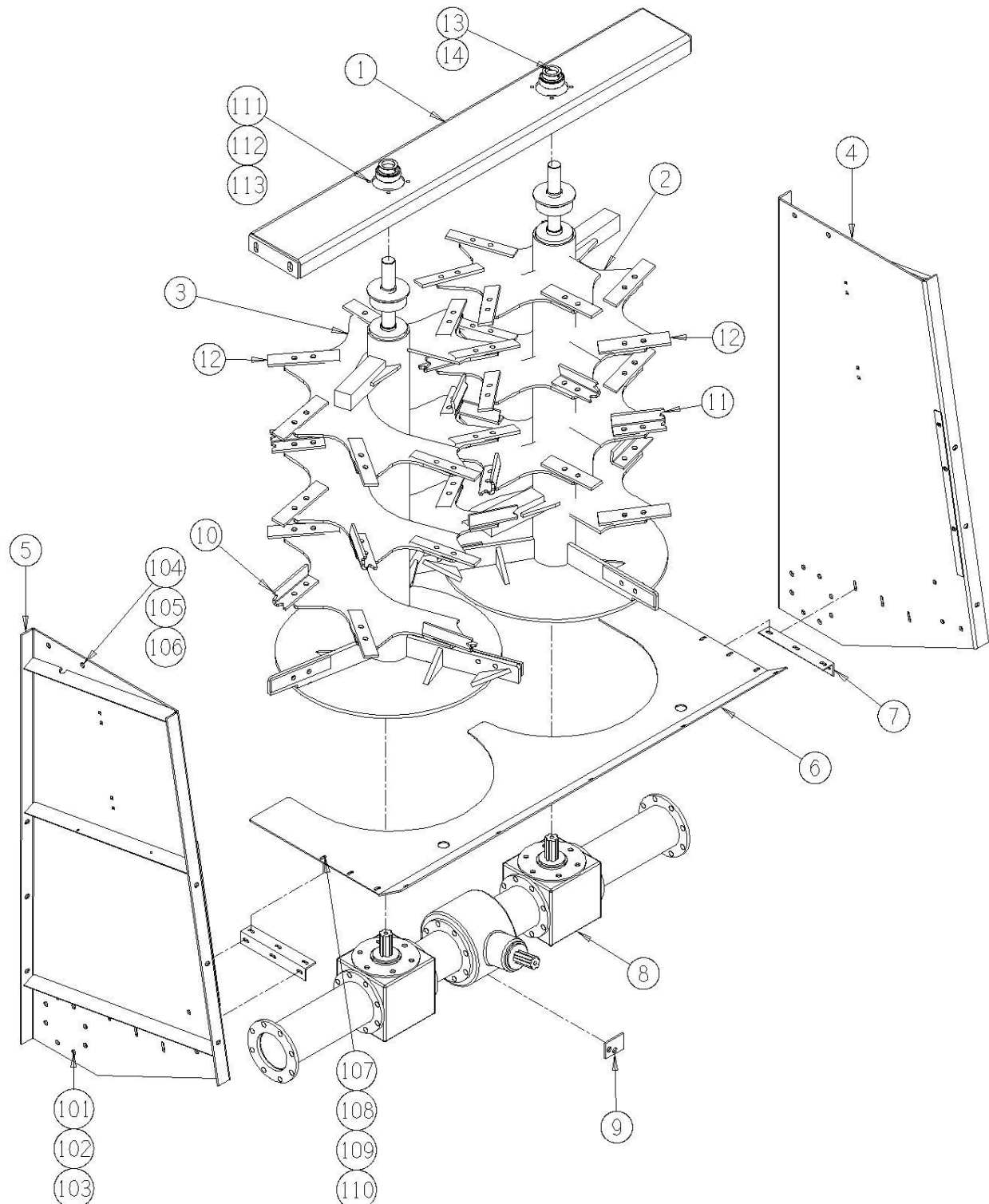


7009-2-8 790VB Main Beater, 540 RPM, S.N. 70210020-

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	VTB-0001	Top Plate, Bearing Plate, Vert Beater	1		
2	VTB-0009	Vertical Beater, LH, 790VB	1		
3	VTB-0010	Vertical Beater, RH, 790VB	1		
4	PR51650	Panel,Left Side, 790Vertical Beater	1	70209006-	
5	PR51651	Panel,Right Side, 790 Vertical Beater	1	70209006-	
6	PR5052	Panel,Bottom Vertical Beater	1		
7	PR50501	Angle, Floor Verical Beater	2		
8	VTB-1887-A	Gearbox, 540 rpm, 790VB, 1190VB	1		
9	PR50502	Shim, Bottom Panel under Gearbox	1		
10	VTB-1899-B3	Right Blade	7		
11	VTB-1899-C3	Left Blade	7		
12	VTB-1899-A3	Knife	34		
13	BR-085-4PF	85mm Four Bolt Piloted Flange Housing	2		
14	BR-175-085-I	Bearing, 1 1/2" ID, TS	2		
101	BL-9-200-H8	9/16-12 x 2, Hex Head, Grade 8	16		
102	BL-9-FW-8	9/16" Grade 8 Flat Washer	16		
103	BL-9-LN	9/16" Lock Nuts w/Nylon Inserts	16		
104	BL-10-175-H8	5/8-11 X 1 1/2" HEX CAP G8 ZC	0		
105	BL-10-200-H	5/8-11 X 2 HEX CAP G5 ZC	4		
106	BL-10-LN	5/8-11 HEX LN NE ZC	4		
107	BL-10-SW	5/8 SAE FW ZC @	8		
108	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	17		
109	BL-6-LW	3/8 SPLIT LW ZC	17		
110	BL-6-N	3/8-16 HEX NUTS ZC	17		
111	BL-6-SW	3/8 SAE FW ZC	17		
112	BL-7-125-HH	7/16" x 1 1/4", Hex Head, Gr 5, Zinc	8		
113	BL-7-LW	7/16" Split LW,Zinc Coated	8		
114	BL-7-SW	7/16 SAE FW ZC	8		

115	BL-10-200-H8	5/8-11 X 2 HEX CAP G8 ZC	12	
117	HP-1038	Gear Lube, 80W90 @ Quart	11	Hydra Ram Spreader
601	GF-2-2	2' Grease Manifold	1	
602	A-1404-4-4	1/4 MP x 1/4 FPX	2	
603	GF-1827-45	Grease Fitting 1/8 NPT 45-	2	
604	H2-47-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 47 in long	1	
605	H2-76-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 76 in long	1	
606	A-1503-2-2	1/8' MP x 1/8' FPX 45-	2	

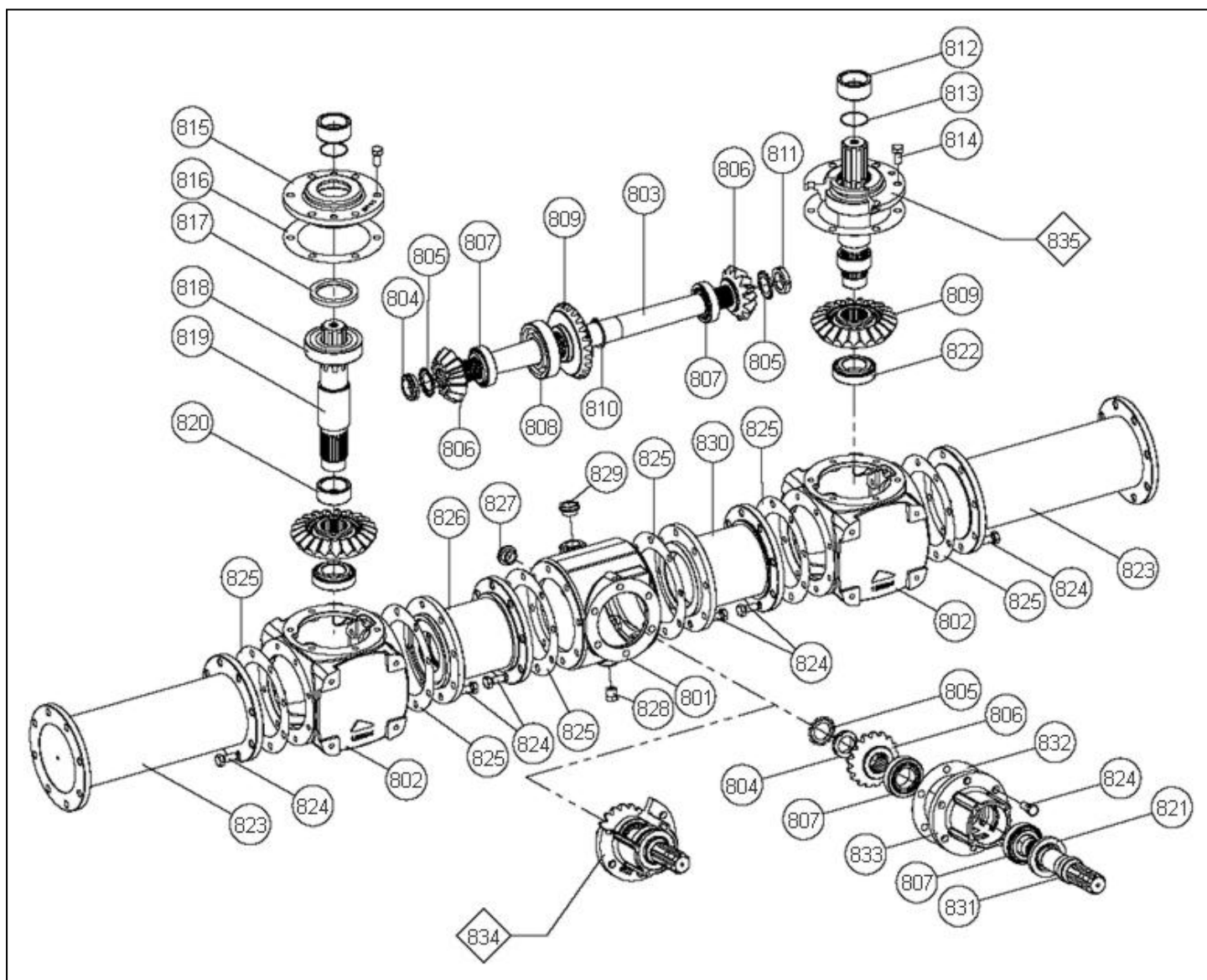
7009-2-8
MAIN BEATER, 540 RPM



7009-2-8.1 Gear Box, Main Beater, 540

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
801	VTB-1887-A1	Housing	1		
802	VTB-1899-B1	Housing	2		
803	VTB-1899-C1	Shaft	1		
804	VTB-1899-D1	Threaded Ring	2		
805	VTB-1899-E1	Washer	3		
806	VTB-1887-B1	Bevel Pinion Z=18	2		
807	VTB-1899-G1	Bearing 32209	4		
808	VTB-1899-H1	Bearing 6311	1		
809	VTB-1887-C1	Gear Z=22	1		
810	VTB-1899-K1	Circlip E 55	1		
811	VTB-1899-L1	Threaded Ring	1		
812	VTB-1899-M1	Spacer	2		
813	VTB-1899-N1	O-ring 2212	2		
814	VTB-1899-P1	Screw, hex-hd M14X30	12		Reference Only, Special Order
815	VTB-1899-Q1	Calotte	2		
816	VTB-1899-R1	Gasket	2		
817	VTB-1899-S1	Oil Seal	2		
818	VTB-1899-T1	Bearing 6311-2RS	2		
819	VTB-1899-U1	Shaft	2		
820	VTB-1899-V1	Spacer	2		
821	VTB-1899-K2	Oil Seal	1		
821	VTB-1899-W1	Gear Z=22	2		
822	VTB-1899-X1	Bearing 32210	2		
823	VTB-1899-Y1	Spacer L=428	2		
824	VTB-1899-Z1	Screw, hex-hd M14X35	54		Reference Only, Special Order
825	VTB-1899-A2	Gasket	6		
826	VTB-1899-B2	Right Spacer L=178	1		
827	VTB-1899-C2	Oil Lev. Indicator	1		Replace with #GBXA-5-ST10B

828	VTB-1899-D2	Oil Plug, 1/2" Gas	1
829	VTB-1899-E2	Oil Plug, 1" Gas.	1
830	VTB-1899-F2	Left Spacer, L=178	1
830	VTB-1899-G2	Bevel Pinion Z=17	1
831	VTB-1899-L2	Shaft	1
832	VTB-1899-H2	Gasket	1
833	VTB-1899-J2	Hub	1
834	VTB-1887-D1	Hub Complete	1
836	VTB-1899-M2	Hub Complete, 790, 1190VB Gearbox	1
837	VTB-1899-N2	Calotte Complete, 790, 1190VB Gearbox	2

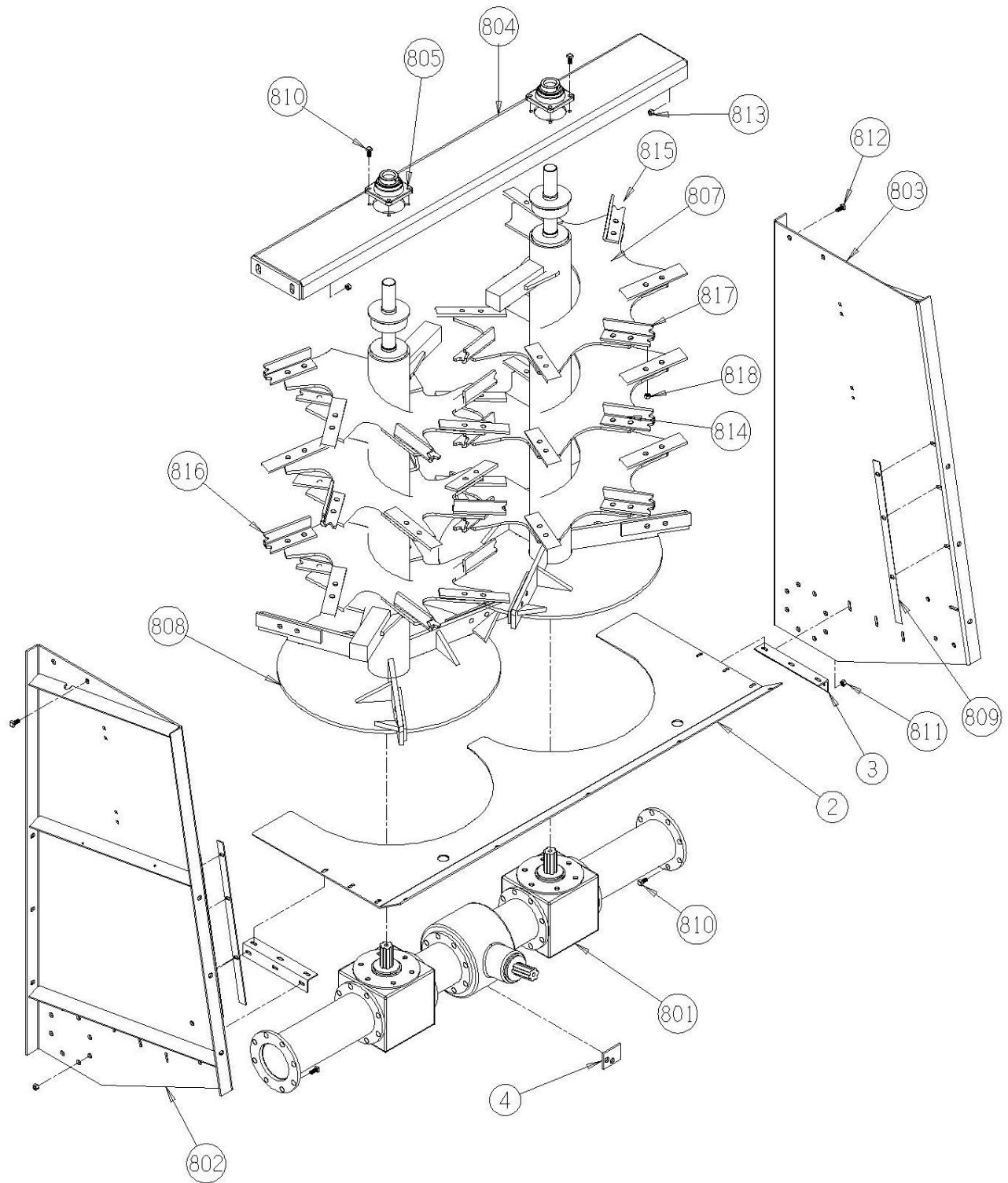


7009-2-8A Main Beater, 540 rpm, S.N. -70210019

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	VTB-1887	Vertical Beater System, 790, 540 rpm	1		
2	PR5052	Panel,Bottom Vertical Beater	1		
3	PR50501	Angle, Floor Verical Beater	2		
4	PR50502	Shim, Bottom Panel under Gearbox	1		
101	BL-9-200-H8	9/16-12 x 2, Hex Head, Grade 8	16		
102	BL-9-FW-8	9/16' Grade 8 Flat Washer	16		
103	BL-9-LN	9/16' Lock Nuts w/Nylon Inserts	16		
601	GF-2-2	2' Grease Manifold	1		
602	A-1404-4-4	1/4 MP x 1/4 FPX	2		
603	GF-1827-45	Grease Fitting 1/8 NPT 45-	2		
604	H2-49-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 49 in long	1		
605	H2-107-2MP-2MP	1/8 Hose x 1/8MP x 1/8MP 107in Long	1		
801	VTB-1887-A	Gearbox, 540 rpm, 790VB, 1190VB	1		
802	VTB-1885-A1	Right Panel	1		
803	VTB-1885-B1	Left Panel	1		
804	VTB-1899-S2	Cross Bar	1		
805	VTB-1899-T2	Bearing, Vertical Beater -70210019	2		
806	VTB-1899-T3	Bearing Housing, Vertical Beater	2		
807	VTB-1887-B	Right Beater, 540	1		
808	VTB-1887-C	Left Beater, 540	1		
809	VTB-1885-E1	Plate	8		
810	VTB-1899-W2	Screw, hex-hd M14X40	16		
811	VTB-1899-X2	Nut M14-8G	16		
812	VTB-1899-Y2	Screw, hex-hd M18X45	4		
813	VTB-1899-Z2	Nut M18-8G	4		
814	VTB-1899-A3	Knife	30		
815	VTB-1899-B3	Right Blade	9		
816	VTB-1899-C3	Left Blade	9		

817	VTB-1899-D3	Screw, hex-hd M16x40	96	
818	VTB-1899-E3	Nut M16x1.5	96	
850	PR51600	Panel,Left Side, 790Vertical Beater (Early)	0	70209001- 70209005
851	PR51601	Panel,Right Side, 790 Vertical Beater (Early)	0	70209001- 70209005
852	PR51650	Panel,Left Side, 790Vertical Beater	0	70209006-
853	PR51651	Panel,Right Side, 790 Vertical Beater	0	70209006-

7009-2-8A
MAIN BEATER, 540 RPM

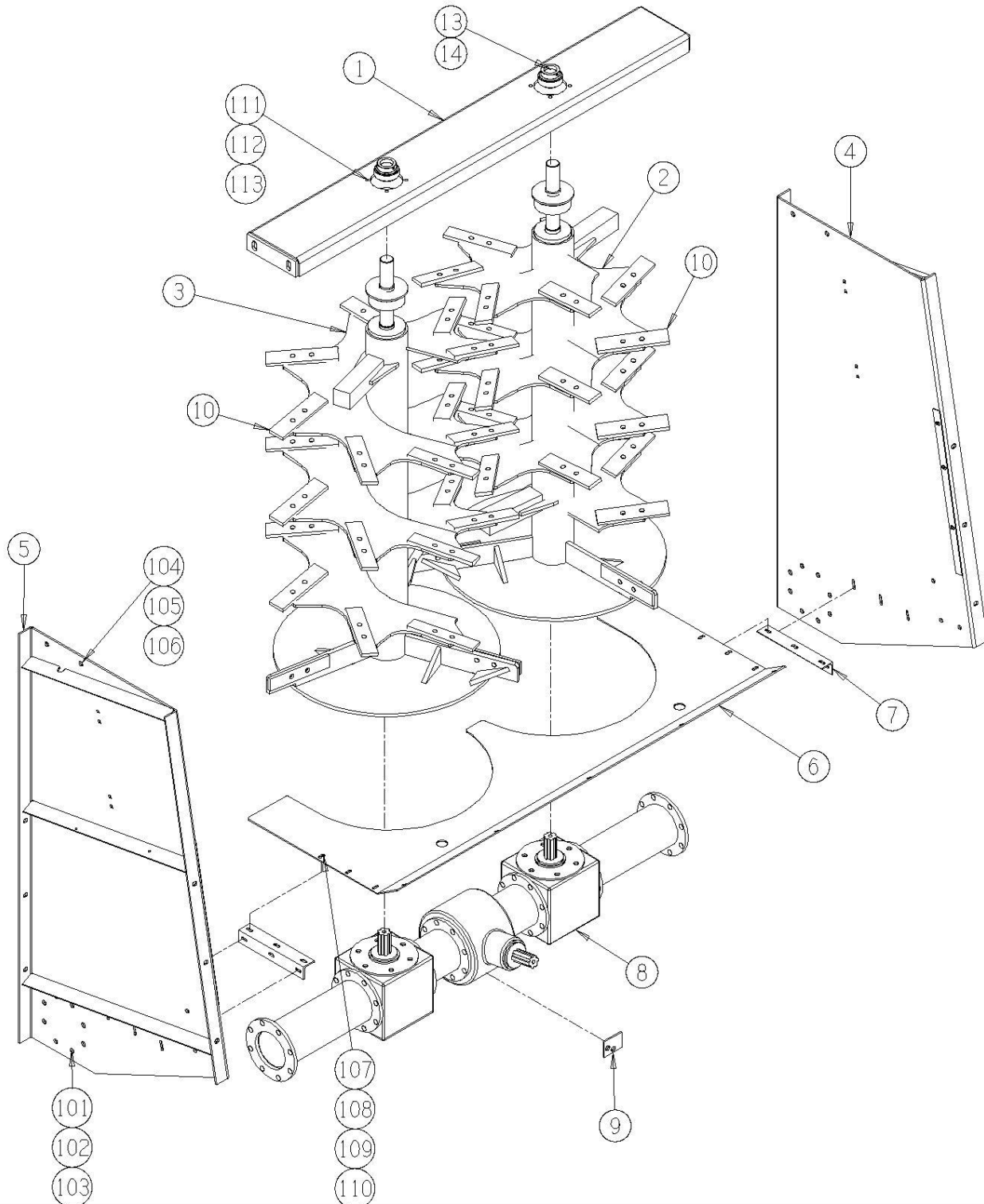


7009-2-9 790VB Main Beater, 1000 RPM - All Knife

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	VTB-0001	Top Plate, Bearing Plate, Vert Beater	1		
2	VTB-0009	Vertical Beater, LH, 790VB	1		
3	VTB-0010	Vertical Beater, RH, 790VB	1		
4	PR51650	Panel,Left Side, 790Vertical Beater	1	70209006-	
5	PR51651	Panel,Right Side, 790 Vertical Beater	1	70209006-	
6	PR5052	Panel,Bottom Vertical Beater	1		
7	PR50501	Angle, Floor Verical Beater	2		
8	VTB-1899-P2	Gear Box, 1000 RPM, 790VB, 1190VB	1		
9	PR50502	Shim, Bottom Panel under Gearbox	1		
10	VTB-1899-F3	Knife, Weight Specific	48	71113001-	
13	BR-085-4PF	85mm Four Bolt Piloted Flange Housing	2		
14	BR-175-085-I	Bearing, 1 1/2" ID, TS	0		
15	GF-2-2	2" Grease Manifold	1		
101	BL-9-200-H8	9/16-12 x 2, Hex Head, Grade 8	16		
102	BL-9-FW-8	9/16" Grade 8 Flat Washer	16		
103	BL-9-LN	9/16" Lock Nuts w/Nylon Inserts	16		
104	BL-10-175-H8	5/8-11 X 1 1/2" HEX CAP G8 ZC	84		
104	BL-10-200-H	5/8-11 X 2 HEX CAP G5 ZC	4		
105	BL-10-LN	5/8-11 HEX LN NE ZC	88		
106	BL-10-SW	5/8 SAE FW ZC @	8		
107	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	17		
108	BL-6-LW	3/8 SPLIT LW ZC	17		
109	BL-6-N	3/8-16 HEX NUTS ZC	17		
110	BL-6-SW	3/8 SAE FW ZC	17		
111	BL-7-125-HH	7/16" x 1 1/4", Hex Head, Gr 5, Zinc	8		
112	BL-7-LW	7/16" Split LW,Zinc Coated	8		
113	BL-7-SW	7/16 SAE FW ZC	8		
114	BL-10-200-H8	5/8-11 X 2 HEX CAP G8 ZC	12		

117	HP-1038	Gear Lube, 80W90 @ Quart	11	Hydra Ram Spreader
602	A-1503-2-2	1/8' MP x 1/8' FPX 45-	2	
603	GF-1827	Grease Fitting 1/8 NPT Straight	2	
604	H2-47-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 47 in long	1	
605	H2-78-2MP-2MP	1/8 in Grease Hose 1/8MP x 1/8MP x 78in Long	1	
606	A-1404-2-2	1/8 MP x 1/8 FPX	2	

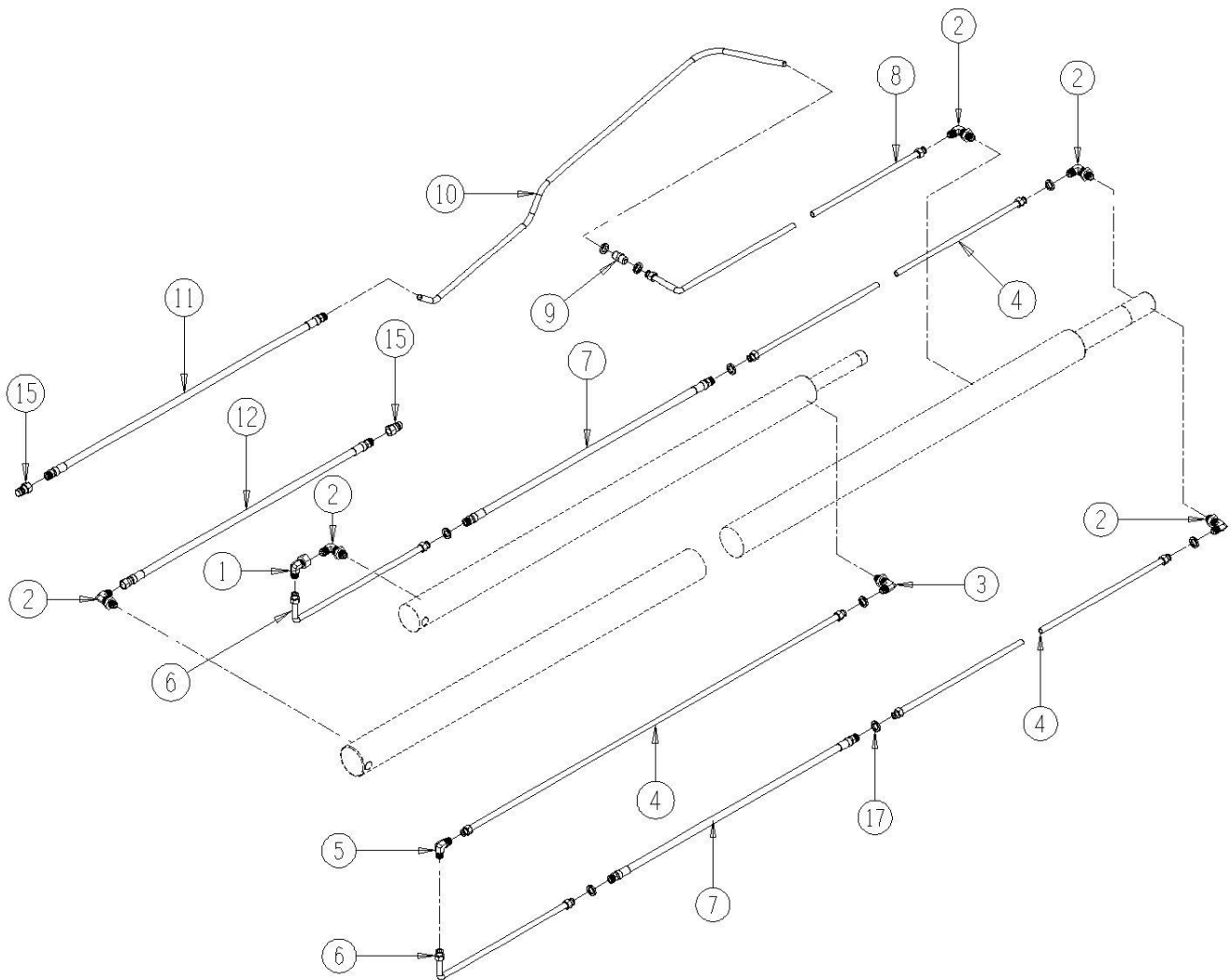
7009-2-9
MAIN BEATER, 1000 RPM, ALL KNIVES



7009-3-1 Hydraulics, Control Valve To 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	A-6500-10	Elbow, 5/8" MJ x 5/8" FJX	1		
2	A-6801-L-10	Elbow, Long, 5/8" MJ x 10 SAE	5		
3	A-6801-10	Elbow, 5/8" MJ x 10 SAE	1		
4	H-T7001	Hyd Tube, Primary/Sec Cylinder, 5/8" Dia.	3		
5	A-2500-10	Elbow, 5/8" MJ x 5/8" MJ	1		
6	H-T7002	Hyd Tube, Primary to Sec. Cylinder, 5/8" dia.	2		
7	H8-40-10MJ-10MJ	1/2" hose 5/8" MJ x 5/8" MJ x 39.75" long	2		
8	H-T7003	Hyd Tube, Primary Cylinder, Rear, 5/8" dia.	1		
9	A-2403-10	Union, 5/8" MJ x 5/8" MJ	1		
10	H-T7024	Hyd. Tube, Pusher Cyl., Rear To Tractor, 1190VB	1		
11	H8-100-8MP-10MJ	1/2 in hose 1/2MP x 5/8 MJ x 100 in long	1		
12	H8-88-8MP-10FJ	1/2 in hose 1/2MP x 5/8 FJ x 88 in long	1		
15	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2" w/ FPT	2		
17	HW-10	5/8" OD Washer for Hydraulic Tube/Hose	14		
601	HY-TRAN	Hytran @ gal	5		
602	HP-1038	Gear Lube, 80W90 @ Quart	1.25	Hydra Ram Spreader	

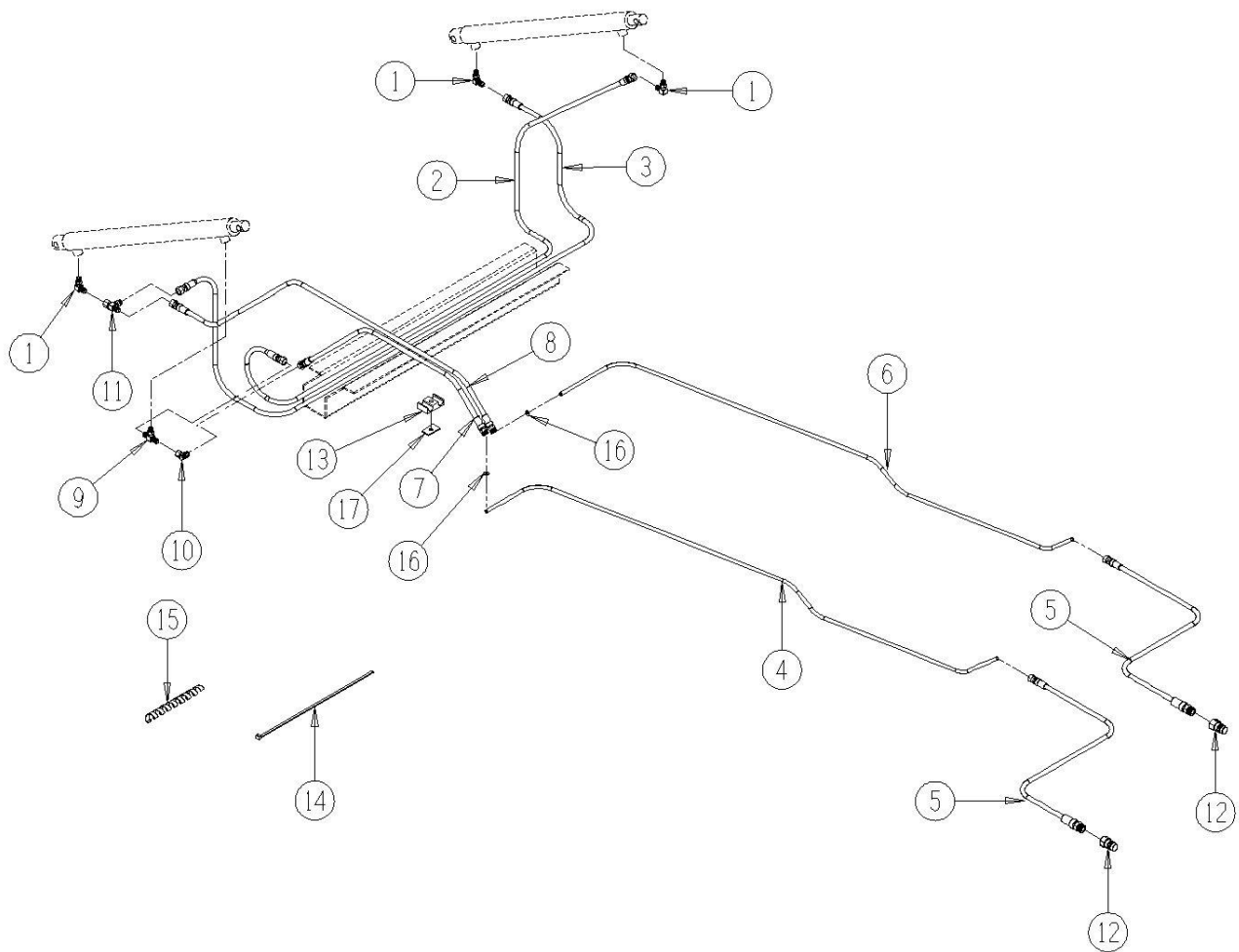
7009-3-1
HYDRAULICS,
CONTROL VALVE TO PUSH OFF CYLINDERS



7009-3-2 Hydraulics, Endgate Cylinders

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	A-6801-6	Elbow, 3/8" MJ x 6 SAE	3		
2	H4-153-6FJ-6FJ	1/4" hose 3/8" FJ x 3/8" FJ x 153.5' long	1		
3	H4-107-6FJ-6FJ	1/4" hose 3/8" FJ x 3/8" FJ x 107.5' long	1		
4	H-T7023	Hyd, Tube, Endgate, Lower, Front 3/8 Dia., 1190VB	1		
5	H4-100-6MJ-8MP	1/4" hose 3/8" MJ x 1/2" MP x100' long	2		
6	H-T7026	Hyd, Tube, Endgate, Upper, Front 3/8 Dia., 1190VB	1		
7	H4-197-6MJ-6FJ	1/4" hose 3/8" MJ x 3/8" FJ x 197' long	1		
8	H4-218-6MJ-6FJ	1/4" hose 3/8" MJ x 3/8" FJ x 218" long	1		
9	A-6803-6	Tee, 3/8" MJ x 3/8" MJ x 6 SAE	1		
10	A-6502-6	Elbow, 45°, 3/8" MJ x 3/8" FJX	1		
11	A-6602-6	Tee, 3/8" MJ x 3/8" FJX x 3/8" MJ	1		
12	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2" w/ FPT	2		
13	PR34896	Hose Clamp, 1/4" Hydraulic, 1/2" O.D. Hose	5		
14	WT-17H	Heavy Duty Wire Tie 17.5'	6		
15	ELL-12	1/2" OD Black Spiral Wrap @ Foot	2.7		
16	HW-06	3/8" OD Washer for Hydraulic Tube/Hose	4		
17	PR34894	Support, Clamp, 1/4" Double Hose Clamp	5		

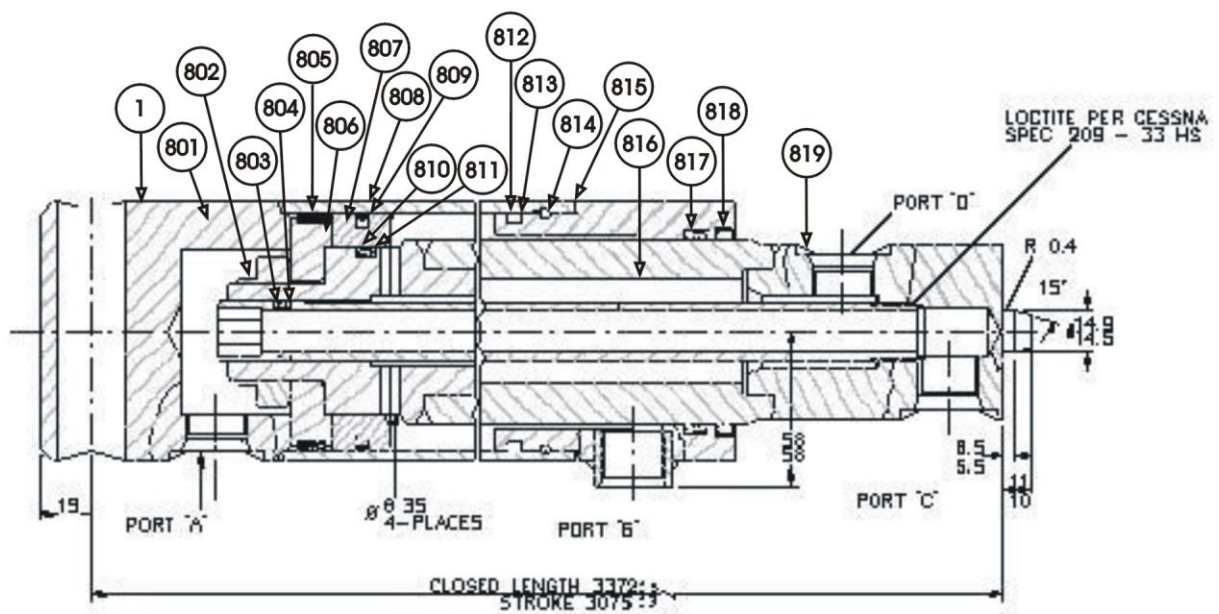
7009-3-2
HYDRAULICS,
ENDGATE CYLINDERS



7001-3-3 Main Cylinder, 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	PR23131	Main Cylinder	1		
801	PR23131-L	Barrel Assy.	1		Reference Only, Special Order
802	PR23131-M	Locknut - Thin	1		Reference Only, Special Order
803	PR23131-N	Back Up Washer	2		Reference Only, Special Order
804	PR23131-O	O Ring	1		Part of Seal Kit, Not Sold Separately
805	PR23131-P	Wear Ring	1		Part of Seal Kit, Not Sold Separately
806	PR23131-Q	Piston	1		Reference Only, Special Order
807	PR23131-R	Piston	1		Reference Only, Special Order
808	PR23131-A	Piston Ring	1		Reference Only, Special Order
809	PR23131-B	O-Ring	1		Part of Seal Kit, Not Sold Separately
810	PR23131-C	O-Ring	1		Part of Seal Kit, Not Sold Separately
811	PR23131-D	Back-up Washer	2		Part of Seal Kit, Not Sold Separately
812	PR23131-E	O Ring	1		Part of Seal Kit, Not Sold Separately
813	PR23131-F	Backup Washer	1		Part of Seal Kit, Not Sold Separately
814	PR23131-LR	Lock Ring	1		Reference Only, Special Order
815	PR23131-G	Bearing Assembly	1		Reference Only, Special Order
816	PR23131-H	Transfer Tube	1		Reference Only, Special Order
817	PR23131-I	Bearing Seal	1		Part of Seal Kit, Not Sold Separately
818	PR23131-J	Wiper	1		Part of Seal Kit, Not Sold Separately
819	PR23131-K	Piston Rod Assy. w/ Transfer Tube	1		Reference Only, Special Order Sold only with PR23131-H Transfer Tube
820	PR23131-SK	Seal Kit, Main Cylinder, Per Each	1		

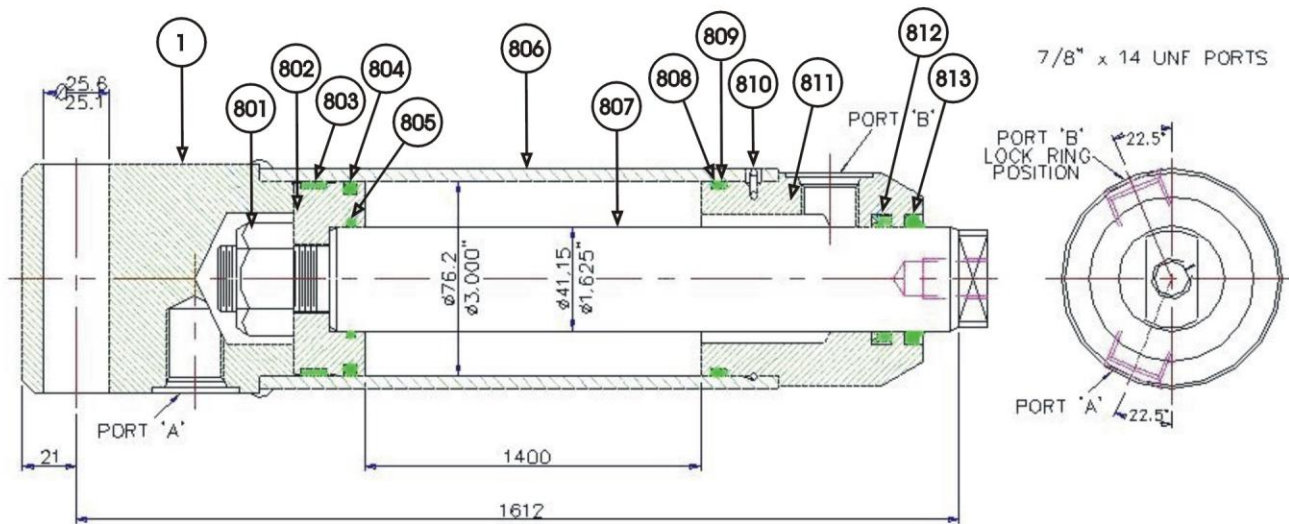
7001-3-3
MAIN CYLINDER (SLIDING FLOOR)



7001-3-4 Secondary Cylinder, 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	PR23143	Secondary Cylinder	1		
801	PR23143-M	1" BSF Nut	1		Reference Only, Special Order
802	PR23143-L	P/Head	1		Reference Only, Special Order
803	PR23143-A	P/Seal	1		Part of Seal Kit, Not Sold Separately
804	PR23143-B	O-Ring	1		Part of Seal Kit, Not Sold Separately
805	PR23143-C	Rod Seal	1		Part of Seal Kit, Not Sold Separately
806	PR23143-I	Cylinder Assy	1		Reference Only, Special Order
807	PR23143-J	P/Rod	1		Reference Only, Special Order
808	PR23143-D	O-Ring	1		Part of Seal Kit, Not Sold Separately
809	PR23143-E	Back Up Ring	1		Part of Seal Kit, Not Sold Separately
810	PR23143-H	Lock Ring	1		Part of Seal Kit, Not Sold Separately
811	PR23143-K	Gland Bearing	1		Reference Only, Special Order
812	PR23143-F	Rod Seal	1		Part of Seal Kit, Not Sold Separately
813	PR23143-G	Wiper	1		Part of Seal Kit, Not Sold Separately
814	PR23143-SK	Seal Kit, Secondary Cylinder, Per Each	1		

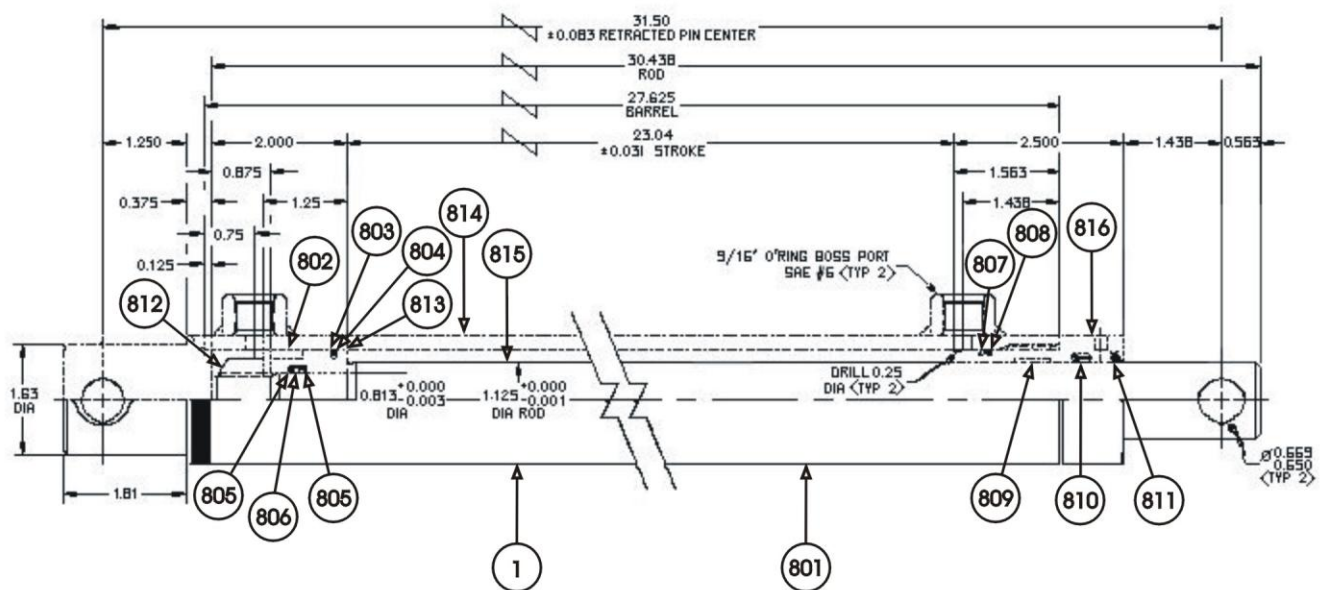
7001-3-4
SECONDARY CYLINDER, MOVING PANEL



7001-3-5 Endgate Lift Cylinder

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR39068	Cylinder, Endgate, 1.5 bore	2		
802	PR39068-A	Wear Ring	1		Part of Seal Kit, Not Sold Separately
803	PR39068-B	TFE Seal	1		Part of Seal Kit, Not Sold Separately
804	PR39068-C	O Ring	1		Part of Seal Kit, Not Sold Separately
805	PR39068-D	Back-Up Ring	2		Part of Seal Kit, Not Sold Separately
806	PR39068-E	O Ring	1		Part of Seal Kit, Not Sold Separately
807	PR39068-F	O Ring	1		Part of Seal Kit, Not Sold Separately
808	PR39068-G	Back-Up Ring	1		Part of Seal Kit, Not Sold Separately
809	PR39068-H	Wear Ring	1		Part of Seal Kit, Not Sold Separately
810	PR39068-I	Loaded U-Cup	1		Part of Seal Kit, Not Sold Separately
811	PR39068-J	Rod Wiper	1		Part of Seal Kit, Not Sold Separately
812	PR39068-K	Locknut	1		Reference Only, Special Order
813	PR39068-L	Piston	1		Reference Only, Special Order
814	PR39068-M	Barrel Assembly	1		Reference Only, Special Order
815	PR39068-N	Rod	1		Reference Only, Special Order
816	PR39068-O	Internal Cylinder Head 1 1/2" (coarse)	1	Verify Stamp Location	
816	PR39068-OB	Internal Cylinder Head 1 1/2" (Fine)	1	Verify Stamp Location	
817	PR39068-SK	Seal Kit, Endgate Cylinder, Per Each	1		

7001-3-5
ENDGATE LIFT CYLINDERS

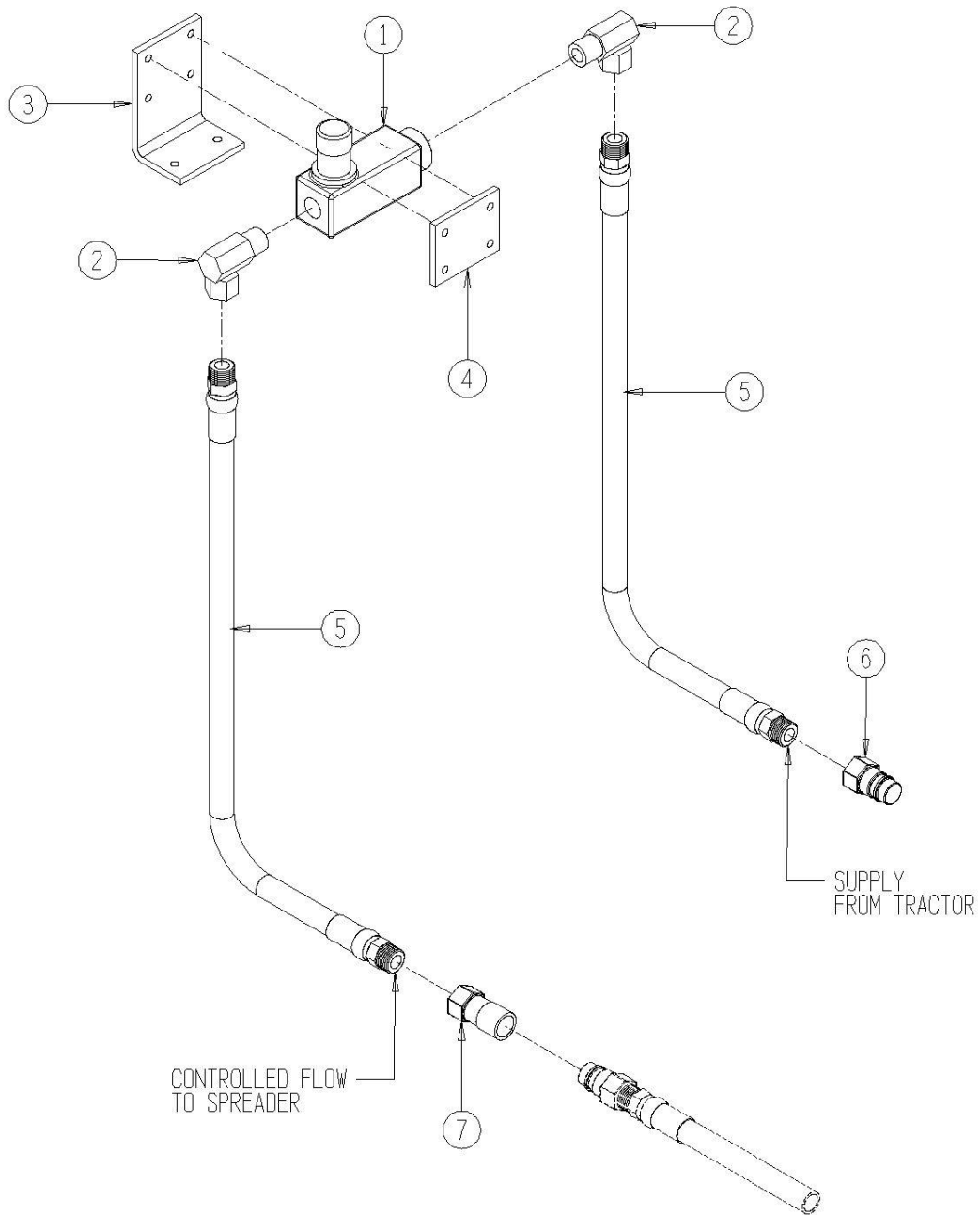


805 Seal Kit

7001-3-6 Optional Control Valve, Closed Center Hydraulic Sy

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-8-8M-RFF	Flow Control Valve w/ reverse free flow/closed center	1		
2	A-1501-8-8	1/2 MP x 1/2 FPX90°	2		
3	MOU-0015	Mount, Control Valve, Closed Center, Spreader	1		
4	MOU-0016	Mount, Mating Plate, Control Valve, Closed Center	1		
5	H8-70-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 70 in long	2		
6	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2" w/ FPT	1		
7	A-QD2050-8-8	Tractor Quick Coupler, Female, 1/2" w/ FPT	1		
101	BL-4-275-H	1/4-20 X 2 3/4 HEX CAP G5 ZC	4		
102	BL-4-LN	1/4-20 HEX LN NE ZC	6		
103	BL-4-FW	1/4 USS FW ZC	12		
104	BL-4-175-H	1/4-20 X 1 3/4 HEX CAP G5 ZC	2		

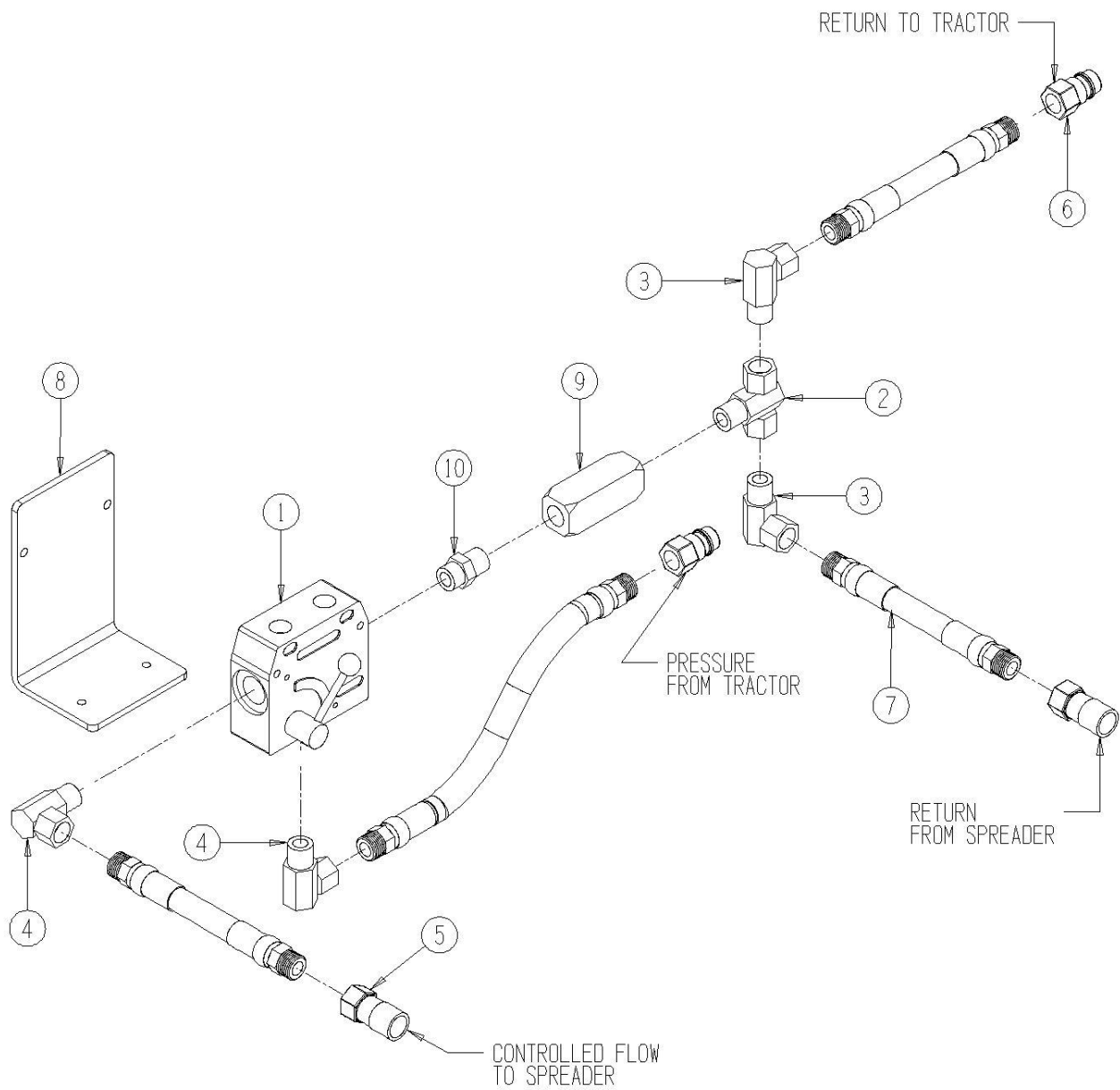
7001-3-6
CONTROL VALVE, CLOSED CENTER



7001-3-7 Optional Control Valve, Open Center Hydraulic Syst

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-FC5510	Flow Control	1		
2	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
3	A-1501-8-8	1/2 MP x 1/2 FPX90°	2		
4	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2		
5	A-QD2050-8-8	Tractor Quick Coupler, Female, 1/2" w/ FPT	2		
6	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2" w/ FPT	2		
7	H8-70-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 70 in long	4		
8	MOU-0014	Mount, Control Valve, Open Center, Spreader	1		
9	HV-CKV-800S	1/2" Parker Check Valve	1		
10	A-6401-10-8	10 SAE x 1/2 MPT Male	1		
101	BL-4-175-H	1/4-20 X 1 3/4 HEX CAP G5 ZC	4		
102	BL-4-LN	1/4-20 HEX LN NE ZC	4		
103	BL-4-FW	1/4 USS FW ZC	4		

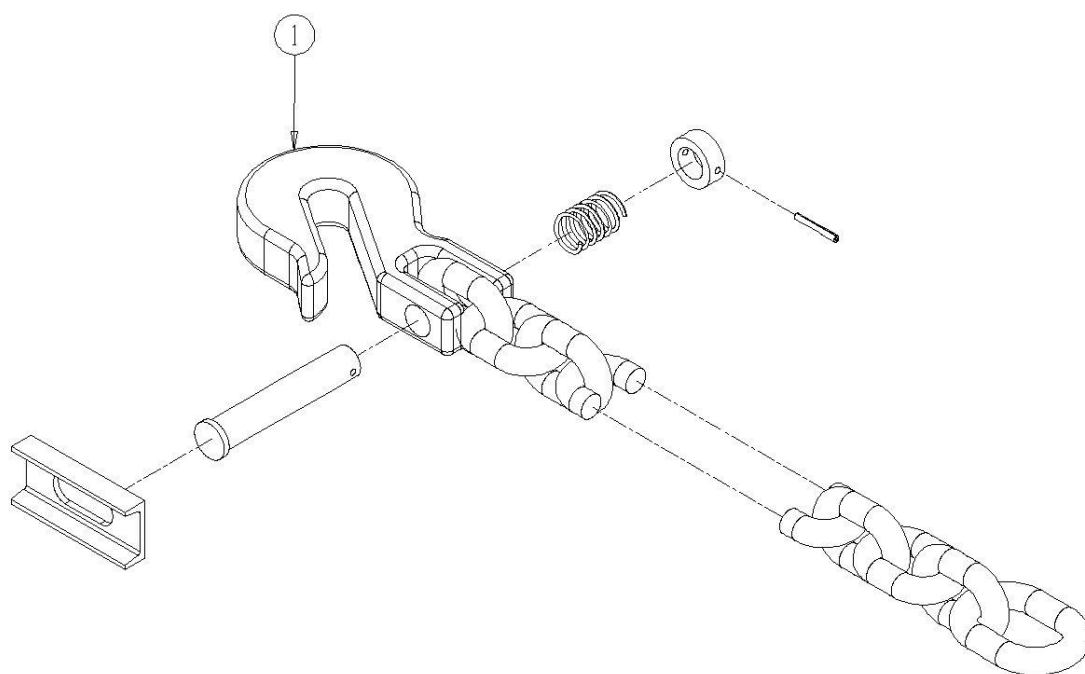
7001-3-7
CONTROL VALVE, OPEN CENTER



7001-4-2 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-3167	Safety Chain, Agricultural, 30,400 lb. Capacity	1	19701- 30097001-	
101	BL-12-450-8	¾" x 4 1/2", HH C/S G8 ZC	1		
102	BL-12-LN-8	¾" Lock Nuts w/ Nylon Inserts, Grade 8	1		
103	PR37152	Washer,Safety Chain	1		

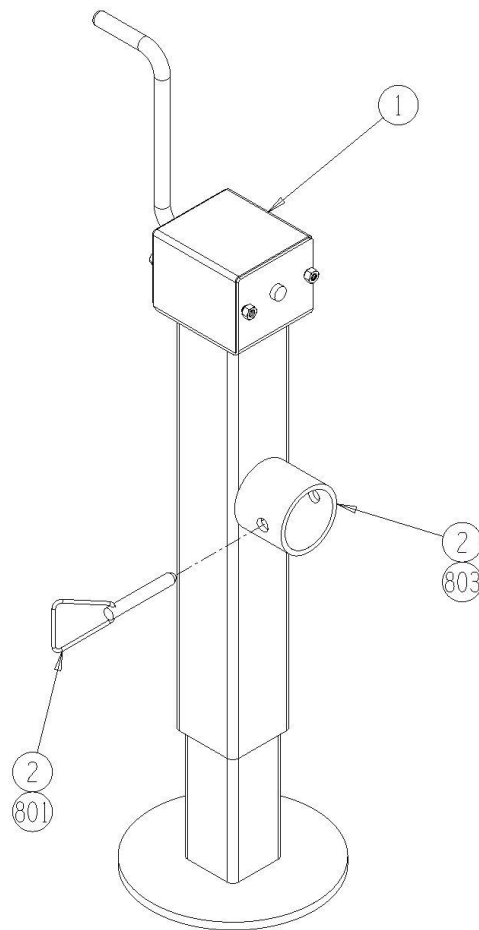
7001-4-2
OPTIONAL SAFETY TOW CHAIN



7103-4-3 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-16122	Bulldog Sidewind Swivel Jack, 5,000 lb.	0	-71009001 -70209005	Old Style-Topwind, Part No. 18-450-3
1	WH-16216	Jack Weldment, Sidewind Jack, 9,000 lb.	1	71009002- 70209006-	
2	WH-16402	Sleeve Kit, Spreader, 9k	1	WH-16215 -71009001	
801	WH-16402-A	Pin & Chain Assembly for WH-16402	1	71009002-	
802	WH-16402-B	Weld-On Hub, Implement Side, For WH-16402	1	WH-16215 71009002-	
803	WH-16402-C	Weld-On Hub, Jack Side, For WH-16402	1	71009002-	
804	WH-16122-D	Crank Assy for Bulldog Topwind Swivel Jack	0	-71009001	
805	WH-16122-E	Pin & Chain Assy for Bulldog Topwind Swivel Jack	0	-71009001	

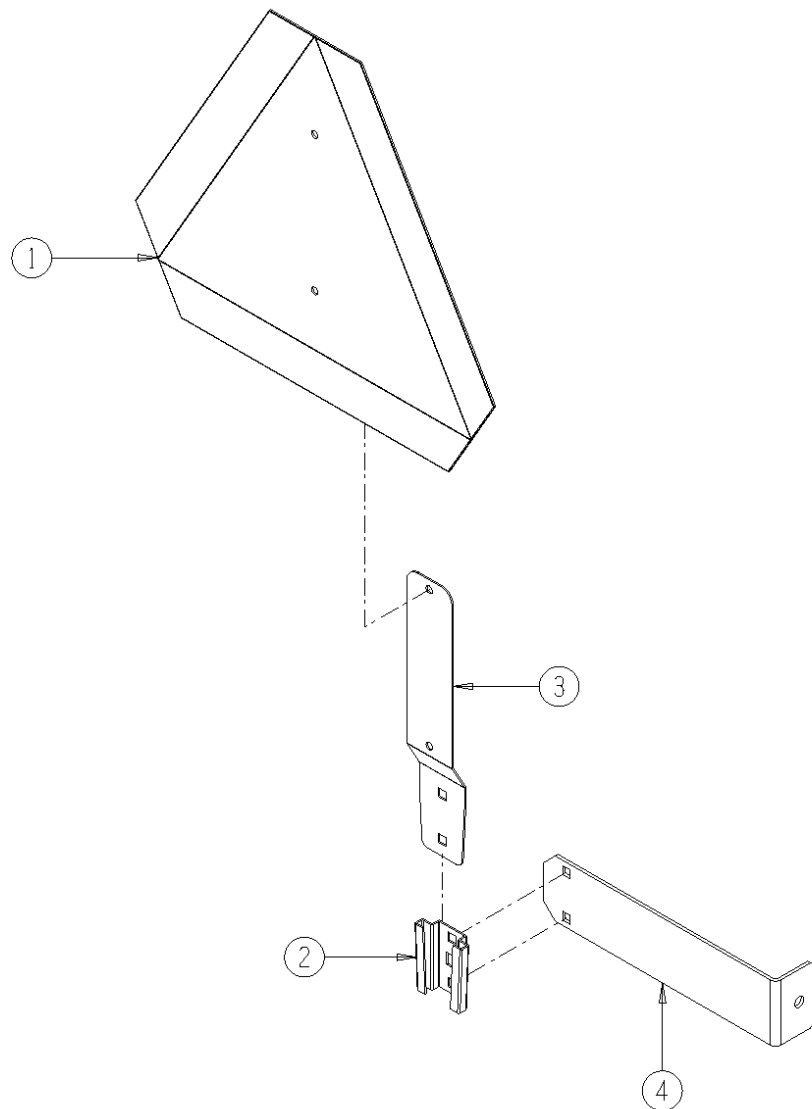
7103-4-3
JACK STAND



7001-4-4 Slow Moving Vehicle Emblem and 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 ¾ 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		

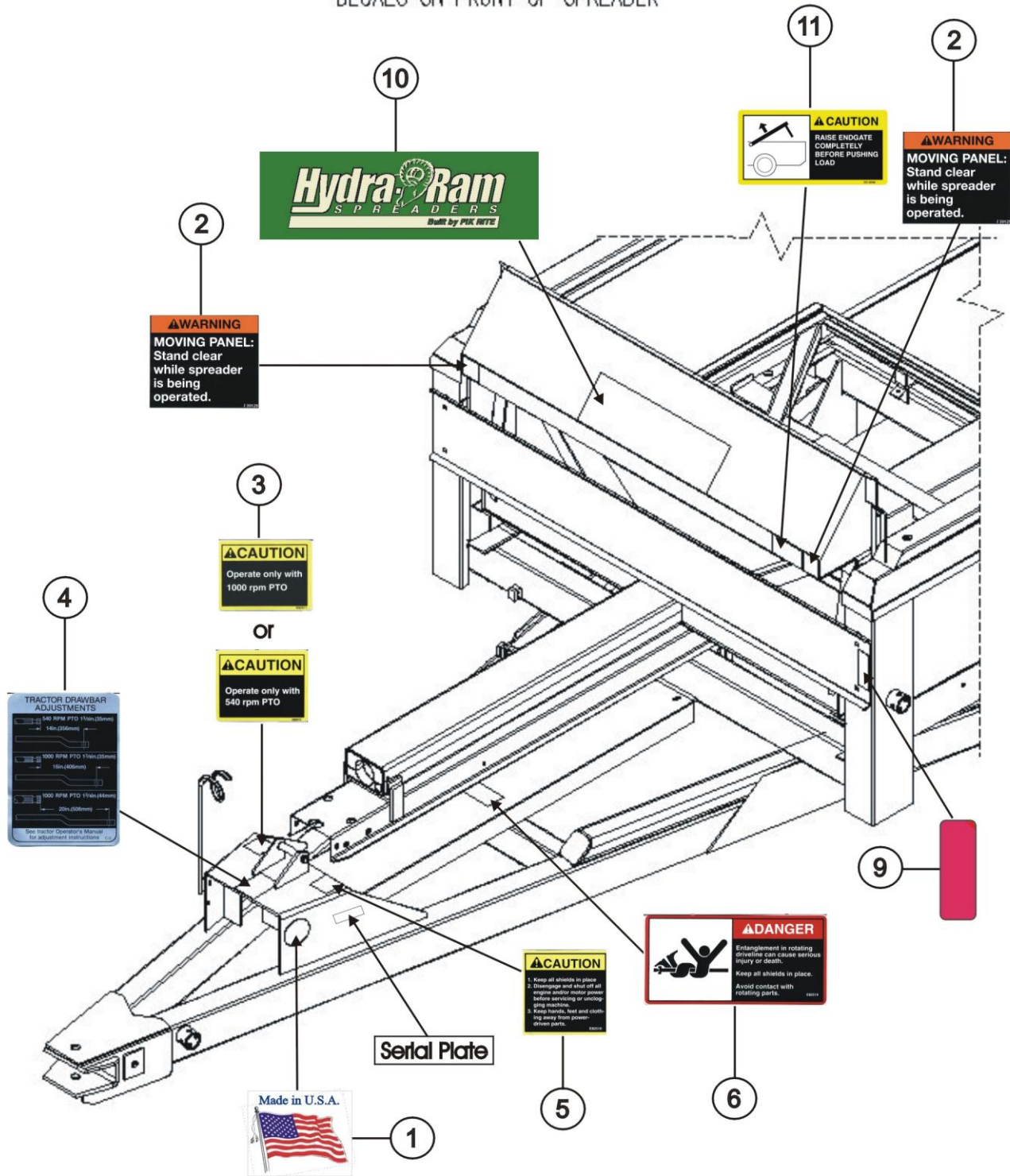
7001-4-4
SLOW MOVING VEHICLE EMBLEM & BRACKETS



7009-4-5 Decals on 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>
0	MAN-0049	Manual, Parts, 790vb Spreader	0		
0	MAN-0050	Manual, Operators, 790vb Spreader	0		
1	DC-0011	Decal, All, 'Made in USA', White Back w/ Red & Blue Letters	1		
2	DC-0020	Decal, Warning, Moving Panel	2		
3	DC-0021	Decal, Caution, 1000 rpm PTO	1		
3	DC-0024	Decal, Caution, 540 rpm PTO	0		
4	DC-0022	Decal, Tractor Drawbar Adjustments	1		
5	DC-0023	Decal, Caution, Keep All Shields In Place	1		
6	DC-0025	Decal, Danger, Entanglement In Rotating Drive	1		
9	DC-0034	Decal, Amber, Reflector, Spreader	1		
10	DC-0052	Decal, 'Hydra Ram Spreaders' Logo, Large	1		
11	DC-0038	Decal, Caution, Raise Endgate Completely	1		
101	RI-3-6-P	Pop Rivets 3/16 x 3/8 Domed, .375 head, ea.	2		

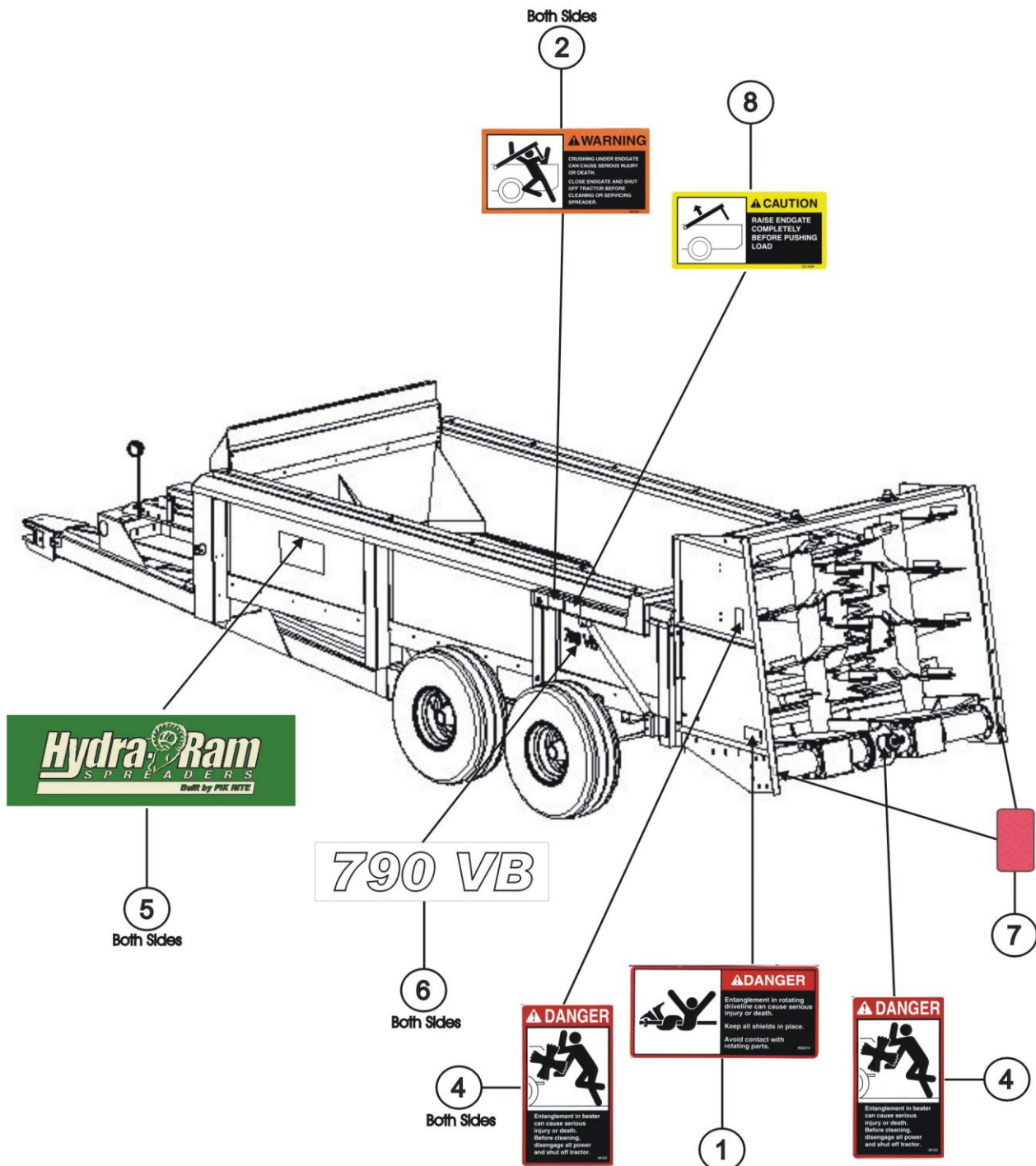
7009-4-5
DECALS ON FRONT OF SPREADER



7009-4-6 Decals on Sides 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-0025	Decal, Danger, Entanglement In Rotating Drive	1		
2	DC-0026	Decal, Warning, Crushing Under Endgate	2		
4	DC-0030	Decal, Danger, Entanglement In Beater	3		
6	DC-0079	Decal, '790 VB', Spreader	2		
7	DC-0033	Decal, Red, Reflector, Spreader	2		
8	DC-0038	Decal, Caution, Raise Endgate Completely	1		
9	DC-0052	Decal, 'Hydra Ram Spreaders' Logo, Large	2		

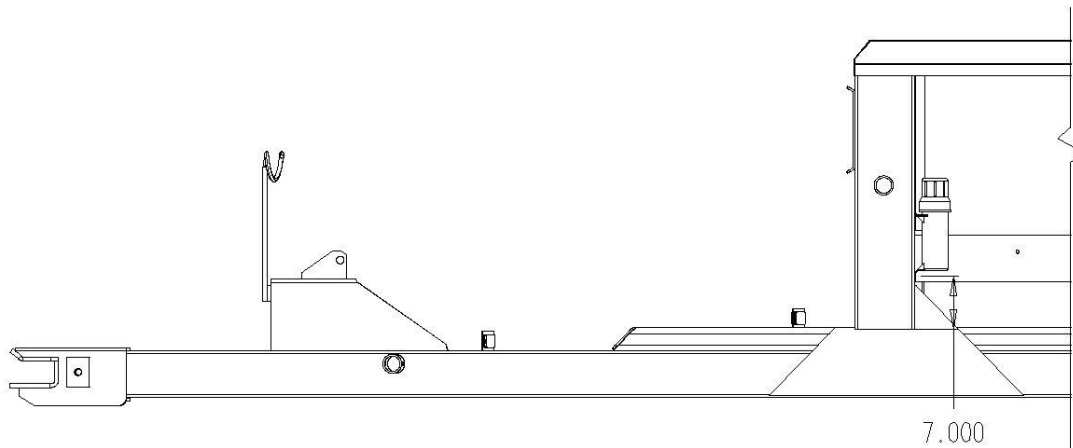
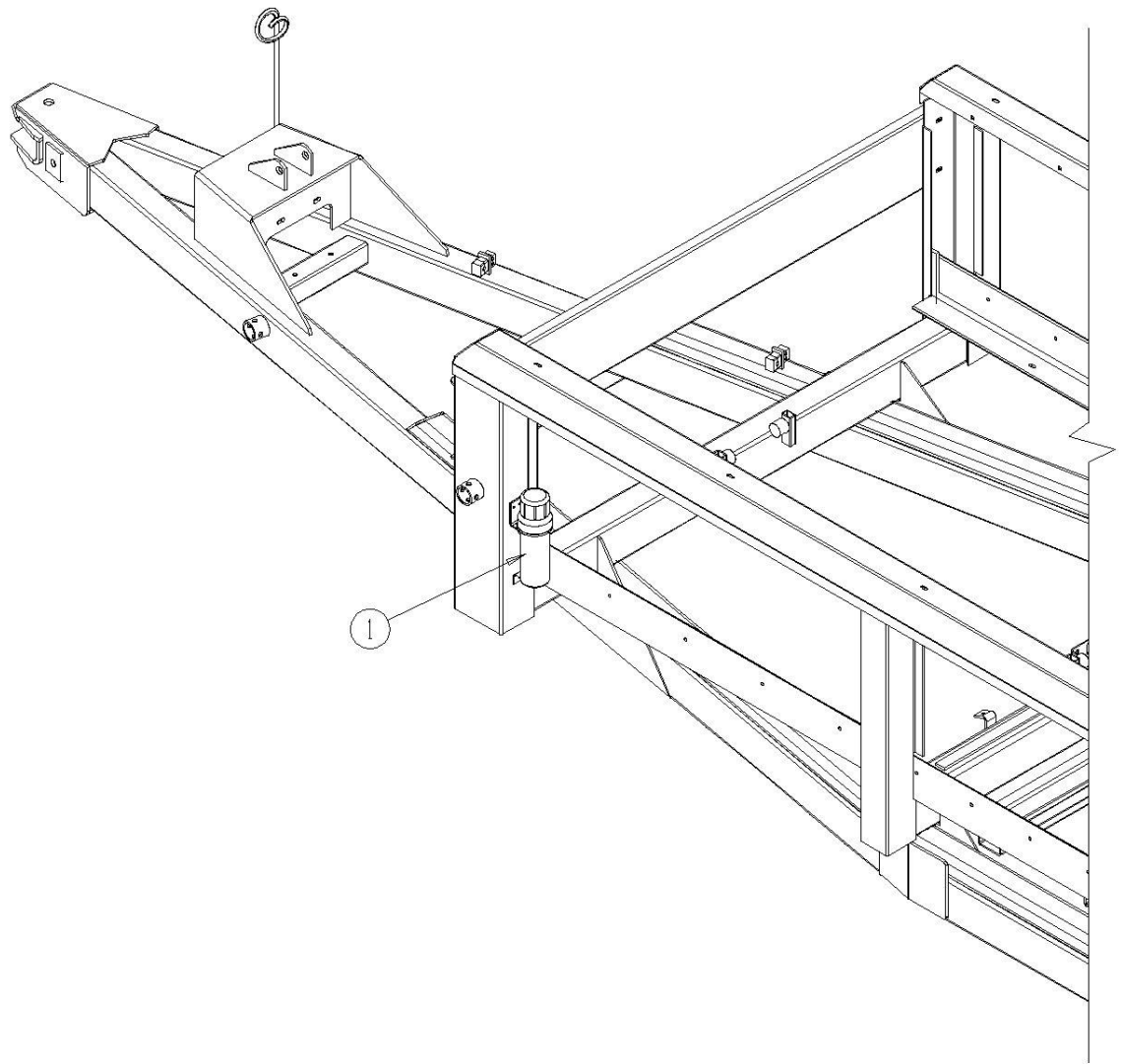
7009-4-6 DECALS ON SIDES OF SPREADER



7009-4-7 Manual Holder

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MAN-67670	Manual Holder/Canister	1		
101	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	4		

7009-4-7
MANUAL HOLDER



7009-4-8 Light Assembly, LED

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PR19480	Light Housing, LH, 1190 Spreader	1		
2	PR19481	Light Housing, RH, 1190 Spreader	1		
3	PR19482	Mount, Light Housing, 1190	4		
4	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	18		
5	WT-11	Wire Tie 11"	10		
6	EL-40602-342	Harness, Right Side Spreader Light	1		
7	EL-40603-426	Harness, Left Side Spreader Lights	1		
8	EL-40604-13	Harness, Work Lights, Spreader	2		
9	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	2		Replaces EL-1201
10	ELE-15-964	Junction Box, 4x8x3.5deep, plastic, w/knockouts & plugs	1	19426	
11	EL-12571	Light, STT, L.E.D., TL60, Red, Lamp/Grommet Kit	2		
12	EL-1297	Light, Aux/Turn, L.E.D., TL60, Yellow	2		
13	EL-50780-146	7 Conductor, 12' Long, Harness, Spreaders	1		
14	EL-1279	Grommet, TL60, Oval, TL#60700	4		
19	ELT-25054	Black Cable Clamp, 3/8"	12		
20	ELT-31703	Terminal Ring, 16-14 Ga.#10 Blue Insulated Nylon	1		
22	ELT-25056	Black Cable Clamp, 1/2"	6		Sold in Pkg. of 100 Pieces
23	EL-0021	Grommet, 1/2" id, 3/4" Groove Dia, 1/8" Groove Width	4		
101	BL-6-350-H	3/8-16 X 3 1/2 HEX CAP G5 ZC	2		
102	BL-6-650-H	3/8-16 X 6 1/2 HEX CAP G5 ZC	4		
103	BL-6-SW	3/8 SAE FW ZC	12		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	6		

A close-up photograph of a yellow machine component. A black cable is plugged into a port on the left side of the component. Below the cable port, there is a red button or indicator. The yellow surface has several screws visible.

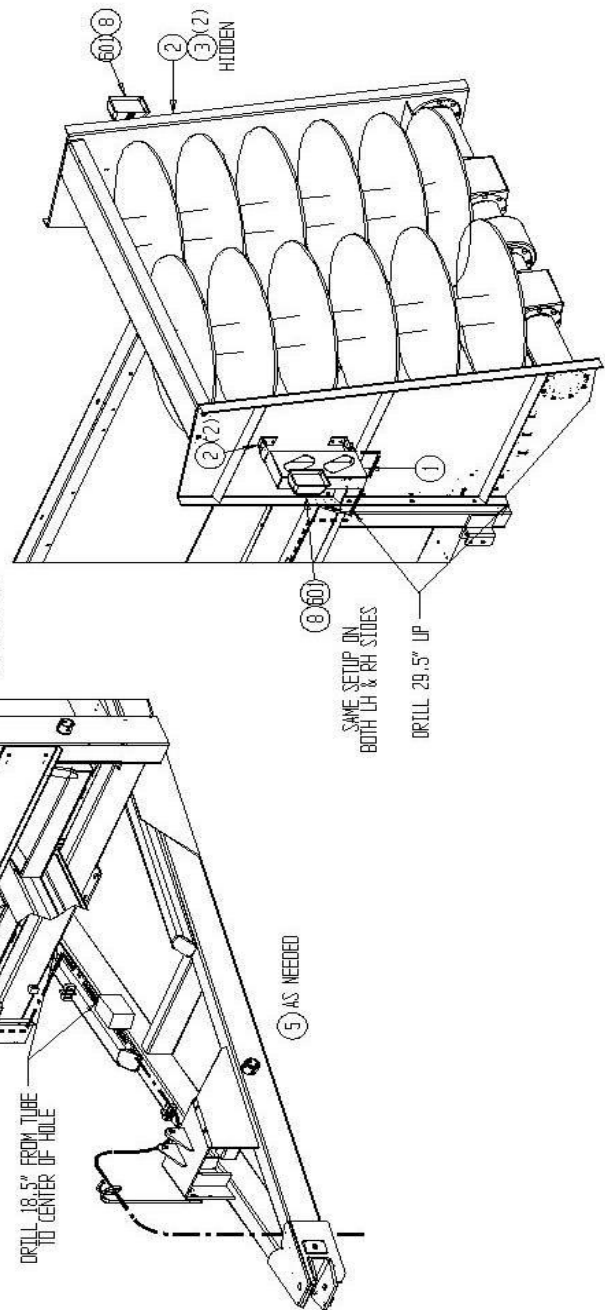
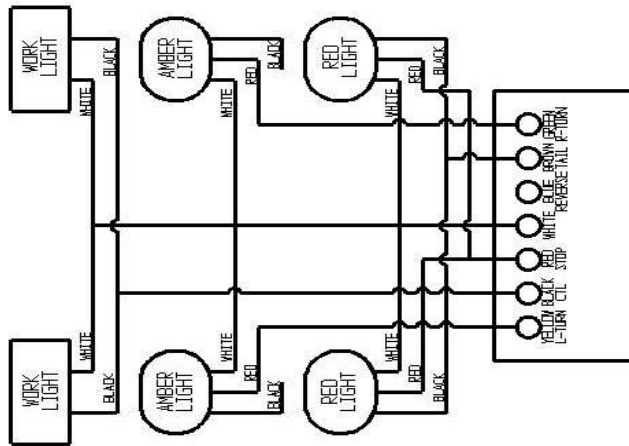


Diagram of a 36.000 inch wide panel. The panel has a total width of 36.000 inches. The distance from the left edge to the center of the first hole is 11.360 inches. The distance between the centers of the two holes is 15.250 inches. The distance from the center of the second hole to the right edge is 1.500 inches. The panel is labeled "HOLE PLACEMENT (ALL HOLES ARE 3/8")". A note indicates "HOLE TO BE LOCATED INSIDE OF PANEL BEND".

TYPICAL TRACTOR PLUG (LOOKING AT PLUG):

12 O'CLOCK - WHITE - GROUND
10 O'CLOCK - BLACK - FIELD LIGHTS
8 O'CLOCK - YELLOW - LEFT TURN
6 O'CLOCK - RED - KEYED AUXILIARY
4 O'CLOCK - GREEN - RIGHT TURN
2 O'CLOCK - BROWN - TAIL LAMP
CENTER - BLUE - KEYED AUXILIARY