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BELTED CHAIN REPLACEMENT PARTS

	Part #	Description
Gathering Chain	BC-6-1236-60	Gathering Chain, 3/8 bars 12in wide x 60 links 36mm
10010-02-05	BC-1032-FS	10-32 x 1-1/4" Bolts Flat Head Socket
	BC-1032-TN	10-32 T Nuts
	BC-6-12-ST	3/8" x 12 Belted Chain Rod for 50mm
	BC-BP20-10-T	20mm Backing Plates / 10-32 T Nuts
Header Conveyor Drive Shaft	BC-7-3242-265	Header Chain, 7/16" bar 42mm pitch 265 links
10010-03-03	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-7-32-CN	Conn. Rod, 11mm, 32" W Belt Chain, 60mm Tr. Belt
	BC-7-32-ST	7/16" x 32" Belted Chain Rod for 60mm Belt
	BC-BP32	Belt, Rivet backing plate 32mm
	BC-F-42-32-UG	Ultra Gold F Connecting Clip 42-32
Transfer Drive Shaft	BC-7-3636-105	Vine Chain, 1/2" Bars, 53" Wide, 72 Links, 144mm Pitch
10010-04-06	BC-7-36-CN	Conn. Rod, 11mm, 36" W Belt Chain, 60mm Tr. Belt
	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-7-36-AC	7/16" x 36" Rod w/24mm Air Cushion Cover
	BC-BP32	Belt, Rivet backing plate 32mm
	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32
Cross Conveyor Drive	BC-7-3236-133	Cross Conveyor Chain
10010-07-02	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-7-32-ST	7/16" x 32" Belted Chain Rod for 60mm Belt
	BC-7-32-CN	Conn. Rod, 11mm, 32" W Belt Chain, 60mm Tr. Belt
	BC-BP32	Belt, Rivet backing plate 32mm
	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32
Front Elevation Assembly	BC-7-3236-186-UC	36mm x 32" Belted Chain, 186 Pitches, Upcranked
10010-08-02	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-7-32-CN	Conn. Rod, 11mm, 32" W Belt Chain, 60mm Tr. Belt
	BC-BP32	Belt, Rivet backing plate 32mm
	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32
	BC-7-32-ST	7/16" x 32" Belted Chain Rod for 60mm Belt
	RI-25-BC	25mm Belted Chain Rivets

Discharge Drive	BC-6-2036-307	Discharge Chains with flights
10010-10-04	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-F-36-20-UG	Ultra Gold F Connecting Clips 36-20
	BC-6-20-ST	3/8" x 20" Belted Chain Rod (Straight)
	BC-6-20-FL	Rubber Elevator Flights
	BC-7-20-CN	Conn. Rod, 11mm, 20" W Belt Chain, 50mm Tr. Belt
	RI-19-BC	19mm Belted Chain Rivets
	BC-BP20	Belt, Rivet Backing Plates

BELTED CHAIN REPLACEMENT PARTS FOR OPT. COMPONENTS

Opt. 42mm Air Cushion Chain Header Drive	BC-7-3242-265AC	Overhead Assist Chain for High Capacity Tomato
10010-03-04	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-7-32-AC	7/16" x 32" Rod w/24mm Air Cushion Cover
	BC-7-32-CN	Conn. Rod, 11mm, 32" W Belt Chain, 60mm Tr. Belt
	BC-BP32	Belt, Rivet backing plate 32mm
	BC-F-42-32-UG	Ultra Gold F Connecting Clip 42-32
Opt. Overhead Vine Assist	BC-6-3272-74-Al	32" x 72mm, 74 Bars, 60mm Belting, 3/8" Bar
10010-03-15	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-3510	Grooveless Snap Ring 10mm
	BC-F-60SP	60mm Connecting Pin, Smooth w/Grooves for Grip Clip
	BC-6-32-ST	3/8" 32" Belted Chain Rods for 60mm Belt
	BC-BP32	Belt, Rivet backing plate 32mm
	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32
Opt. Vine Chain Drive	BC-7-36144-61	Vine Chain
10010-04-52	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32
	BC-7-36-CN	Conn. Rod, 11mm, 36" W Belt Chain, 60mm Tr. Belt
	BC-7-36-ST	7/16" x 36" Belted Chain Rod for 60mm Belt
	BC-BP32	Belt, Rivet backing plate 32mm
Opt. Rear Transfer Drive Shaft	BC-7-3636-75	Rear Transfer, Belted Chain
10010-04-54	BC-1032-LN	10-32 lock nuts
	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32
	BC-7-36-CN	Conn. Rod, 11mm, 36" W Belt Chain, 60mm Tr. Belt
	BC-7-36-AC	7/16" x 36" Rod w/24mm Air Cushion Cover
	BC-BP32	Belt, Rivet backing plate 32mm
Opt. Cross Drive Assembly, Air Cushion	BC-7-3236-133AC	Cross Conveyor Belt w/Air Cushion
10010-07-03	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head

	BC-1032-LN	10-32 lock nuts
	BC-7-32-AC	7/16" x 32" Rod w/24mm Air Cushion Cover
	BC-BP32	Belt, Rivet backing plate 32mm
	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32
	BC-7-32-ST	7/16" x 32" Belted Chain Rod for 60mm Belt
Opt. Narrow Discharge	BC-6-2036-307-SF	Discharge Chain with Short Flights
10010-10-10	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-F-36-20	F Connecting Clips 36-20
	BC-6-20-ST	3/8" x 20" Belted Chain Rod (Straight)
	BC-7-20-CN	Conn. Rod, 11mm, 20" W Belt Chain, 50mm Tr. Belt
	RI-19-BC	19mm Belted Chain Rivets
	BC-BP20	Belt, Rivet Backing Plates
Opt. Discharge 22" Extension Kit	BC-6-2036-30FL	Extension for Tomato Discharge Elevator
10010-10-11	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head
	BC-1032-LN	10-32 lock nuts
	BC-F-36-20	F Connecting Clips 36-20
	BC-6-20-ST	3/8" x 20" Belted Chain Rod (Straight)
	BC-7-20-CN	Conn. Rod, 11mm, 20" W Belt Chain, 50mm Tr. Belt
	RI-19-BC	19mm Belted Chain Rivets
	BC-BP20	Belt, Rivet Backing Plates

MOTOR REPLACEMENT PARTS

	Assembly	Part #	Description
Disk Header Drive Shaft	**10010-02-02**	HM-1420-TC	TCI Motor
		KEY-5-5-20	Shaft Key
Header Conveyor Drive Shaft	**10010-03-03**	HM-1228-TC	TCI Motor
		KEY-5-5-20	Shaft Key
Header Conveyor Vibrator Shaft	**10010-03-11**	HM-412-1	Hydraulic Motor
		HM-412B	Key
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Transfer Drive Shaft	**10010-04-06**	HM-210-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Primary & Secondary Shaker Drum	**10010-05-01**	HM-103-TC	TCI Motor
		HM-103-SK	Seal Kit
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Primary & Secondary Shaker Weight & Box			
	10010-05-02	HM-412-1	Hydraulic Motor
		HM-412B	Key
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Cross Conveyor Drive	**10010-07-02**	HM-204-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Cross Conveyor Return Roller	**10010-07-10**	HM-214-TC	Hydraulic Motor
Debris Fan	**10010-07-70**	HM-712-1	Hydraulic Motor
		HM-412B	Key
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Debris Drum	**10010-07-71**	HM-204-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Elevation Drive Shaft	**10010-08-03**	HM-204-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key

Rear Presort Roller Assembly	**10010-08-42**	HM-208-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Long Aftersort Drive	**10010-08-64**	HM-204-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Aftersort Drive Shaft	**10010-09-41**	HM-204-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Discharge Drive	**10010-10-04**	HM-210-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Double Pump Air Compressor	**10010-12-03**	HM-122	Motor, Hydraulic, 1-3/4" Gear, #12 SAE Ports
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Oil Cooler	**10010-13-03**	HM-1020	Cooling Fan Motor
		HM-0381	Ball Bearing
		HM-2585	Ring Seal
		HM-2686	Snap Ring
		HM-1801	Seal Kit for Commercial Intertech
Double Pump Oil Cooler	**10010-13-04**	HM-412-1	Hydraulic Motor
		HM-412B	Key
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing

MOTOR REPLACEMENT PARTS FOR OPT. COMPONENTS

Opt. 42mm Air Cushion Chain Header Drive	**10010-03-04**	HM-1228-TC	TCI Motor
		KEY-5-5-20	Shaft Key
Opt. second Vibrator Assembly	**10010-03-14**	HM-412-1	Hydraulic Motor
		HM-412B	Key
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Opt. Overhead Vine Assist	**10010-03-15**	HM-210-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Opt. Overhead Vine Assist/Full Length	**10010-03-17**	HM-210-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Opt. Transfer Dirt Vibrator	**10010-04-09**	HM-412-1	TCI Hydraulic Motor
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Opt. Vine Chain Drive	**10010-04-52**	HM-1420-CH	Char Lynn Motor
		HM-103-SK	Seal Kit
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Opt. Rear Transfer Drive Shaft	**10010-04-54**	HM-210-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Opt. Rear Transfer Return Roller	**10010-04-55**	HM-204-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Opt. Vine Chopper w/o Sep. Ext. Plumb to Machine	**10010-06-01**	HM-122	Motor, Hydraulic, 1-3/4" Gear, #12 SAE Ports
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Opt. Vine Chopper w/o Sep. Ext. Plumb to Tractor	**10010-06-02**	HM-115	Hydraulic Motor
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Opt. Vine Chopper w/Separation Extension	**10010-06-50**	HM-115	Hydraulic Motor
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing

Opt. Vine Chopper w/Sep. Ext. Plumb to System	**10010-06-51**	HM-115	Hydraulic Motor
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing
Opt. Cross Drive Assembly, Air Cushion	**10010-07-03**	HM-204-TC	TCI Motor
		KEY-4-4-15	Shaft Key, 1/4" x 1/4" x 15/16" Woodruff Key
Opt. Cross Conveyor Vibrator	**10010-07-16**	HM-412-1	Hydraulic Motor
		HM-412B	Key
		HM-2100-SK	Seal & Gasket Kit
		HM-2100-BRG	Bearing

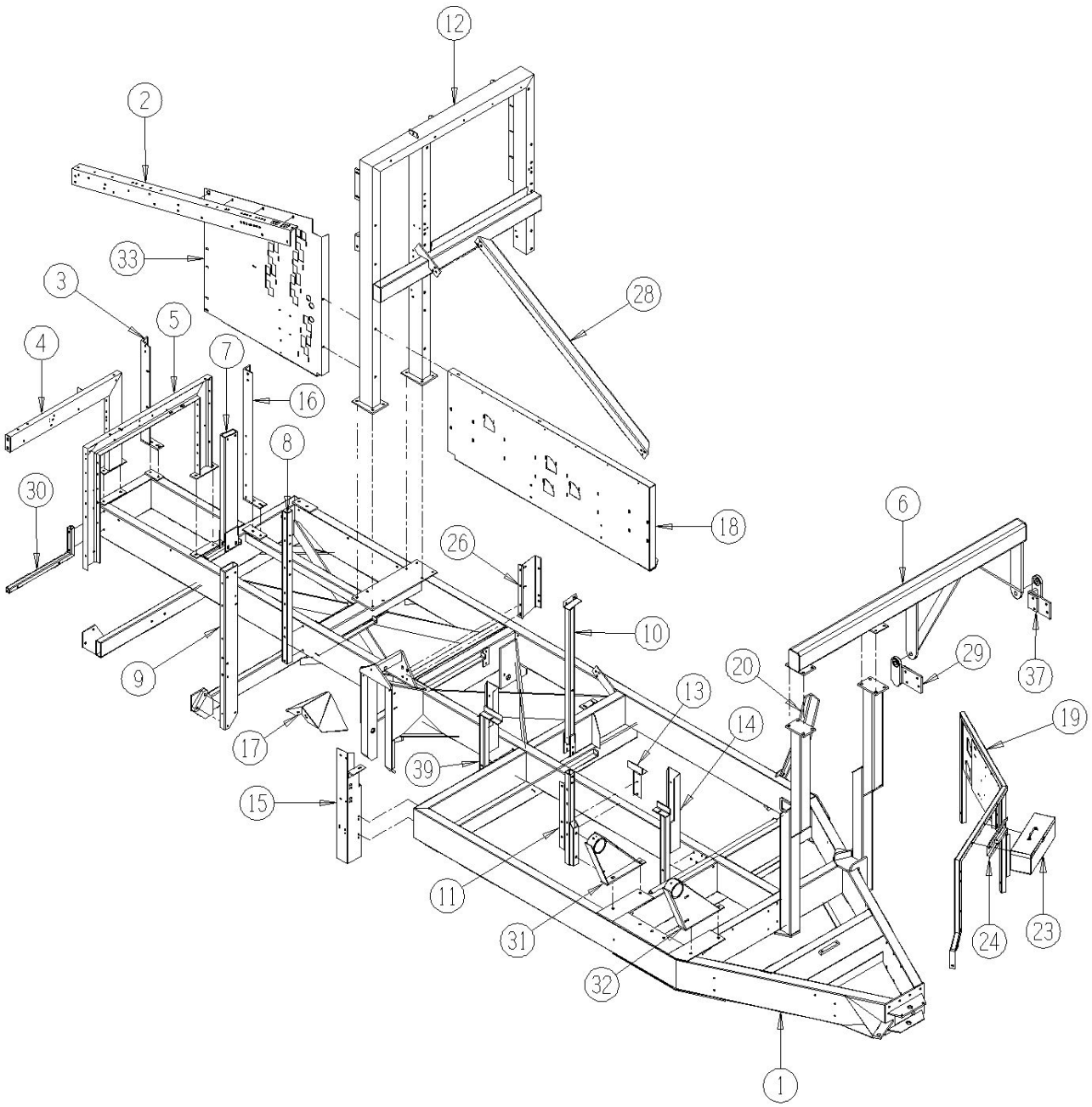
PARTS CATALOG

10010-01-01 Optional Overhead Lift/Standard Tongue

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	FRM-1018	Overhead Lift Frame/Standard Tongue	1		
2	191-1133A	Shaker Angle (3 x 5 angle)	1	19101-	
3	191-1133R	Post, Shaker Angle	1	19101-	
4	191-1136	Frame, Debris Air Flow, Rear Channel	1	19101-	
5	191-1137	Frame, Front Debris	1	19101-	
6	FRM-1156	Overhead Header Lift (upper)	1		
7	193-1138A	Rear roof support, upper	1	19301-	
8	193-1138C	Post, Rear Inner Presort	1	19301-	
9	193-1138B	Rear roof support, lower	1	19301-	
10	193-1139A	Front Canopy Support , Top	1	19301-	
11	193-1139B	Front Roof support, Bottom	1	19301-	
12	191-1132	Frame, Shaker	1	19101-	
13	POS-0210	Post Mount,Frnt Right Outer, Aftersort,190	1		
14	POS-0211	Post,Frnt Inner,Aftersort,190	1		
15	POS-0209	Post,Rear Outer, Aftersort,190	1		
16	POS-1134	Post, Shaker Angle, W.A.	1		
17	194-1131	Leveling Cylinder Cover	1	19401-	
18	194-1135	Shield, Dust	1		
19	194-1414	Front Rail	1	19401-	
20	200-108	Slide Guide Wldmt, Reinforced	1		
23	BOX-7022	Removable Tool Box	1		
24	BOX-7025	Removable Tool Box Mounting	1		
26	POS-130	Post, Handsort, Inner	1	KIT-800	For serial group: 19601-
28	SUP-1101	Support,Shaker Frame	1		
29	FRM-1158	Cylinder Mount, Inner, Standard Tongue	1		
30	SUP-736	Support, Rear Debris Fan, Handsort	1	KIT-800	
31	191-927	Discharge Elevator Mount, Rear	1	19101	
32	191-926	Discharge Elevator Mount, Front	1	19101-	

33	PAN-1134	Panel, Shaker Angle	1
34	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.107
35	DC-1183	Company Information Decal, 3” x 7.75”-	1
36	DC-1180	Serious Injur/Death Decal, Read Manual	1
37	FRM-1157	Outer Cylinder Mount, Standard Tongue	1
38	HC-250-2408-OR	Hydraulic Cylinder 2 1/2 x 24 #8 SAE w/O-Piston Ring Seal	2
39	POS-0212	Post,Inner Rear,Aftersort,190	1

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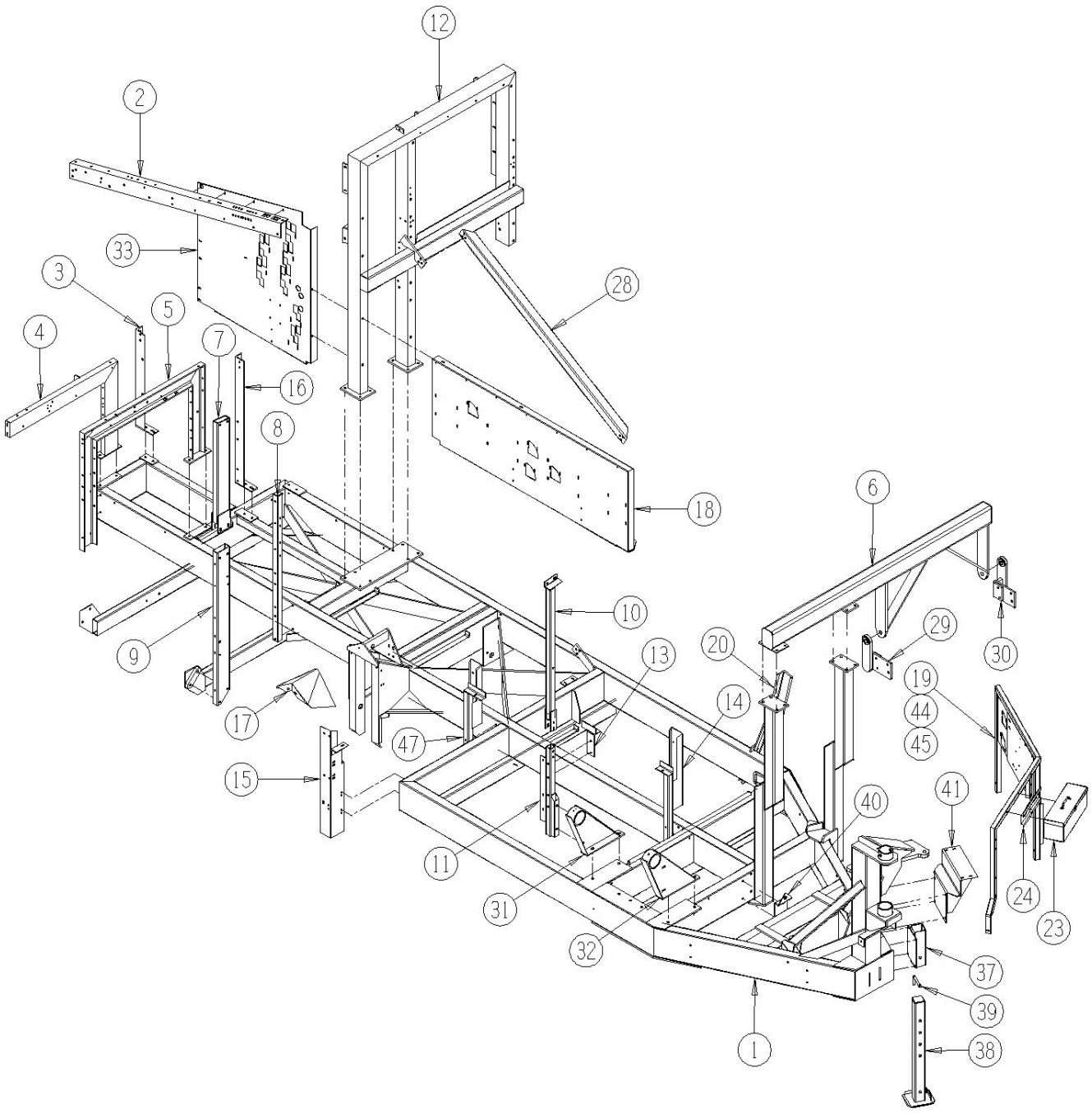

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10010-01-02 Optional Overhead Lift/Gooseneck Hitch Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	FRM-1007	190 Frame, Overhead Lift, Gooseneck Hitch	1		
2	191-1133A	Shaker Angle (3 x 5 angle)	1	19101-	
3	191-1133R	Post, Shaker Angle	1	19101-	
4	191-1136	Frame, Debris Air Flow, Rear Channel	1	19101-	
5	191-1137	Frame, Front Debris	1	19101-	
6	FRM-1156	Overhead Header Lift (upper)	1		
7	193-1138A	Rear roof support, upper	1	19301-	
8	193-1138C	Post, Rear Inner Presort	1	19301-	
9	193-1138B	Rear roof support, lower	1	19301-	
10	193-1139A	Front Canopy Support , Top	1	19301-	
11	193-1139B	Front Roof support, Bottom	1	19301-	
12	191-1132	Frame, Shaker	1	19101-	
13	POS-0210	Post Mount,Frnt Right Outer, Aftersort,190	1		
14	POS-0211	Post,Frnt Inner,Aftersort,190	1		
15	POS-0209	Post,Rear Outer, Aftersort,190	1		
16	POS-1134	Post, Shaker Angle, W.A.	1		
17	194-1131	Leveling Cylinder Cover	1	19401-	
18	194-1135	Shield, Dust	1		
19	194-1414	Front Rail	1	19401-	
20	200-108	Slide Guide Wldmt, Reinforced	1		
23	BOX-7022	Removable Tool Box	1		
24	BOX-7025	Removable Tool Box Mounting	1		
28	SUP-1101	Support,Shaker Frame	1		
29	FRM-1155	InnerCyl. Mount, Overhead Lift Header, 190	1		
30	FRM-1154	Outer Cyl. Mount,Overhead Lift Header 190	1		
31	191-927	Discharge Elevator Mount, Rear	1	19101	
32	191-926	Discharge Elevator Mount, Front	1	19101-	
33	PAN-1134	Panel, Shaker Angle	1		

34	DC-1180	Serious Injur/Death Decal, Read Manual	1		
35	DC-1183	Company Information Decal, 3” x 7.75”-	1		
36	DC-3025	Red and White Reflective Tape @ 150 ft Roll	1		
37	192-1125	Mount, Jack Stand, Frame, 2-Point Hitch	1		
38	192-1125A	Adjuster	1		
39	192-1125B	Pin, Jack Stand, Frame, 2-Point Hitch Machines	1		
40	193-918	Cylinder bracket frame	1		
41	MOU-0209	Valve Mounting Plate, 190 Tomato	1		
44	HA-1071-H	Hydra-zorb Tube Clamp 1” (3 pc.)	2	19401-	
45	HA-1072-H	Hydra-zorb Tube Clamp ¾” (3 pc.)	3	19401-	
46	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
47	POS-0212	Post,Inner Rear,Aftersort,190	1		

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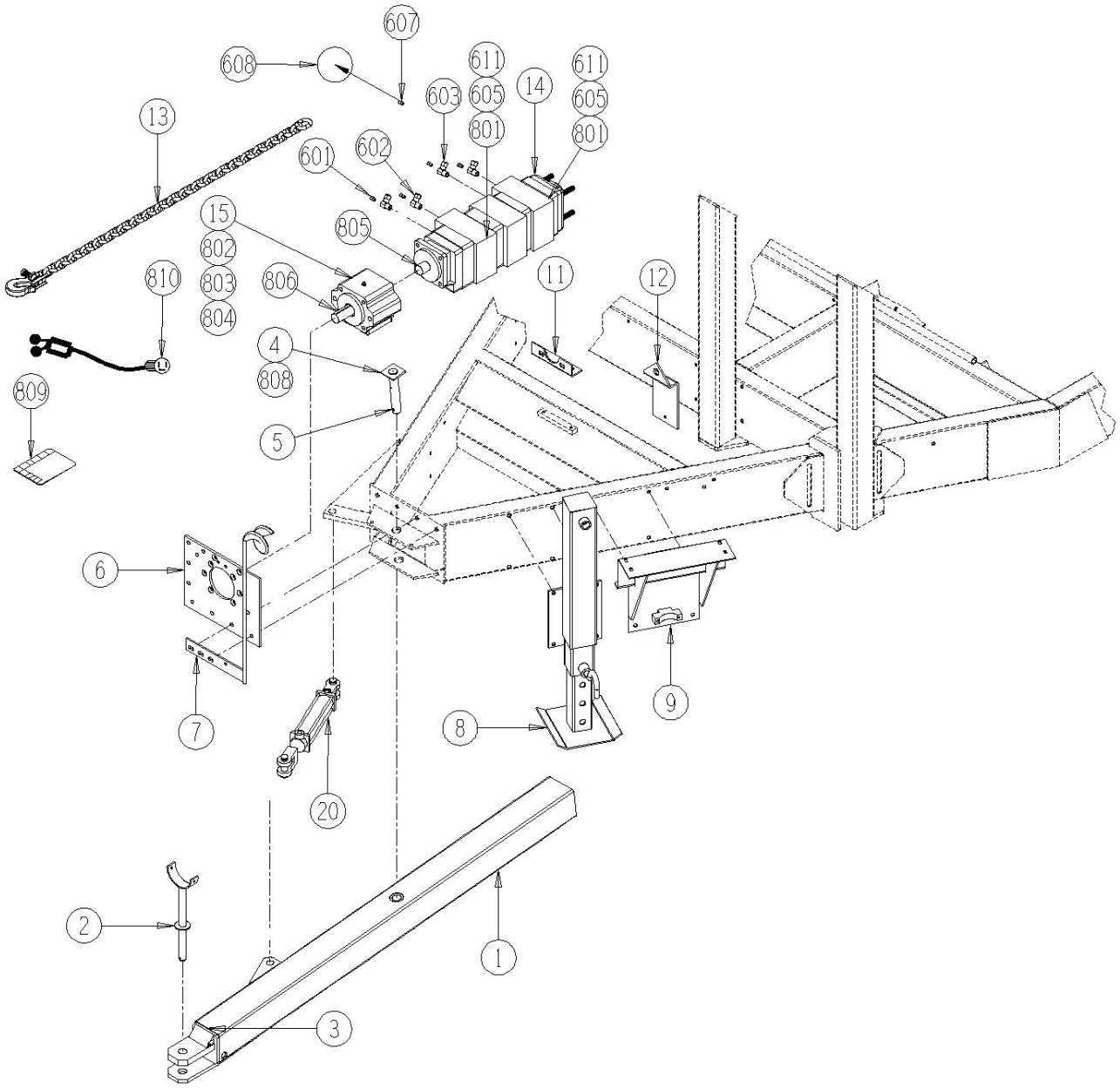

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10010-01-20 Tongue Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	FRM-1102	TONGUE	1	19701-	Replaces 194-1102
2	STD-1002	Stand, PTO, Black	1		
3	DC-0013	Decal, 'Improper Hookup May Cause PTO Shaft Failure, Harvesters	1		
4	192-1103	Frame, Swivel Pin	1	19201-	
5	PIN-6-32	Roll Pin 3/8" x 2"	1		
6	MOU-1005	Mount, Pony Pump, Vine Chopper, 190 Tomato	1		
7	SUP-3200	Hose Support	1	19100- 30095001-	
8	WH-1125	Machine Jack for Tomato Harvester	1	19101-	
9	MOU-0209	Valve Mounting Plate, 190 Tomato	1		
11	196-1129	Mount, Rear Pump (Tomato)	1	19101-	Replaces 191-1129 NOTE: Use with #HP-365-C1
12	193-918	Cylinder bracket frame	1		
13	FRM-3167	Safety Chain, Agricultural, 30,400 lb. Capacity	1	19701- 30097001-	
14	HP-365-P1	Hydraulic Pump, Permco 360	1		Replaces HP-365-C1-SP. (requires 1 HP-1003-XSP)
15	HP-1003-XSP	Overhung Load Adapter With Weep Hole, Splined Int, Extended External	1	73008001-	
20	HC-200-0808	Hydraulic Cylinder 2" x 8" #8 SAE Ports	1	19201-	Seal kit for Lion, HC-200-112
100	BL-8-LW	1/2 SPLIT LW ZC	6		
101	BL-8-N	1/2-13 HEX FIN NUTS ZC	6		
102	BL-8-700-FS	1/2-13 X 7 FL SOC CAPS	2		
103	BL-8-750-FS	1/2-13 X 7 1/2 FL SOC CAPS	3		
104	BL-8-800-FS	1/2-13 X 8 FL SOC CAPS	1		
105	BL-16-700-H	Hex Bolt 1 x 7 Zinc Grade 5	1		
106	BL-16-LN	1" Lock Nuts w/ Nylon Inserts	1		
107	BL-16-SW	1" SAE Washer	2		
601	HA-1004-4	Test Point Plug #4 SAE Thread	4		
602	A-6901-12-12-4SAE	12 SAE x ¾" FPX 90°w/4 SAE Port, Forged	2		
603	A-6901-10-8-4SAE	10 SAE x 1/2 FPX90° W/ 4SAE Port, Forged	2		
605	A-4456-32-32	Flange Nipple, 2" 45°	2		

606	HOS-2-3	2” Suction Hose, Nitrile/Neoprene, Black	12	
607	HA-1005-T	Test Point Probe	1	
608	HA-1004-G	Hydraulic, Pressure Gauge w/1/4 NPT Stem	1	
609	A-4444-32-32	2” Male Pipe Hose Barb	4	
611	A-SFK-32	2” Split Flange Kit	2	
801	A-90DF-32	O Ring for Flange Face 2”	1	A-SFK-32
802	HP-1003A	Rear seal for HP-1003	1	11001
803	HP-1003B	Front seal for HP-1003	1	11101
804	HP-1003S	Output Shaft for HP-1003	1	HP-1003
805	HP-365B	Key for Hydraulic Pump, Model 365	1	HP-365-C1 & HP-365-C3
806	KEY-6-6-40	Keystock 3/8” x 3/8” x 2 1/2” Square Cut (1018)	1	
808	GF-1827-65L	Grease Fitting 1/8 NPT Long 65°	1	
809	DC-0041	Decal, Control Box, Tomato, '02	1	
810	EL-27W470	Tractor Connector (Female)	1	

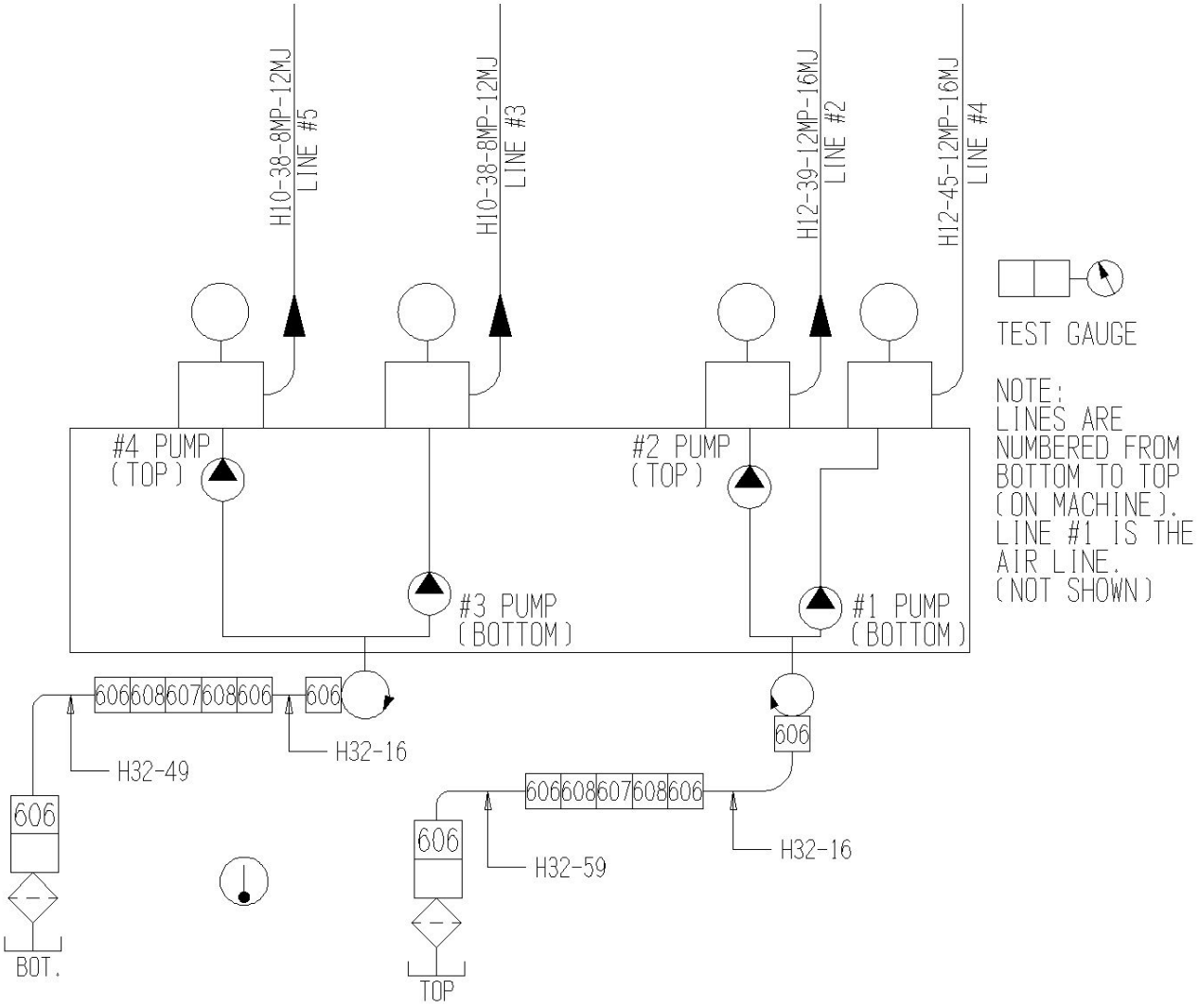
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10010-01-20H Tongue Hydraulic Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
601	H32-49	2” Suction Hose From Tank 2-Point 49”	1		
602	H32-16	2” Suction Hose From Tank 2-Point 16”	2		
603	H10-38-8MP-12MJ	5/8 in hose 1/2MP-¾MJIC x 38 in long	2		
604	H12-39-12MP-16MJ	¾ in hose ¾MP-1MJIC x 39 in long	1		
605	H12-45-12MP-16MJ	¾ in hose¾ MP x 1” MJIC x 45 in long	1		
606	CL-225	2 1/4” T-Bolt Clamp	8		
607	HV-GV-200	2” Brass Gate Valve	2		
608	A-4444-32-32	2” Male Pipe Hose Barb	4		
609	H32-59	2” Suction Hose From Tank 2-Point 59”	1		

10010-01-20H

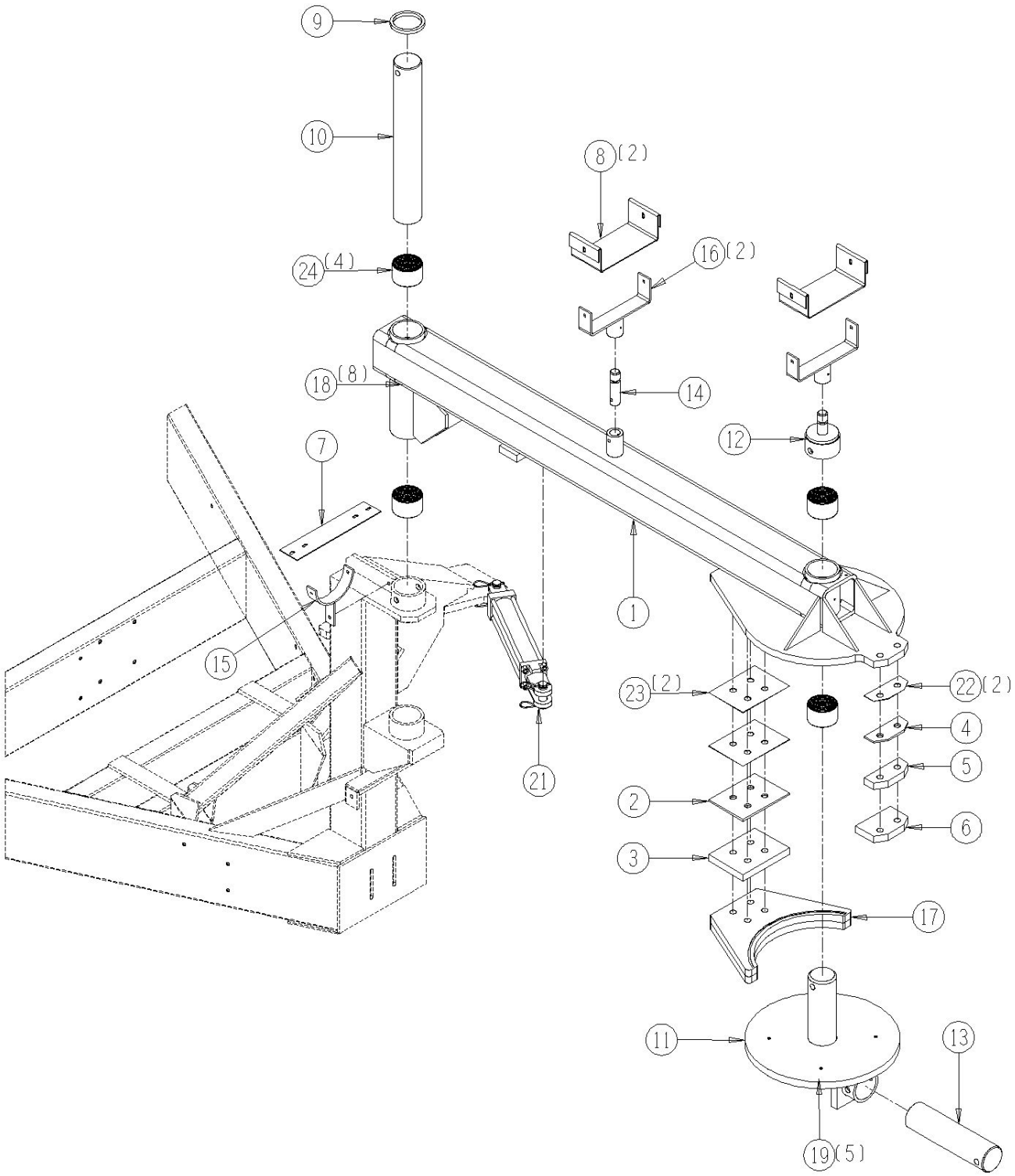

H10-38-8MP-12MJ
LINE #5
H10-38-8MP-12MJ
LINE #3
H12-39-12MP-16MJ
LINE #2
H12-45-12MP-16MJ
LINE #4
TEST GAUGE
NOTE:
LINES ARE
NUMBERED FROM
BOTTOM TO TOP
(ON MACHINE).
LINE #1 IS THE
AIR LINE.
(NOT SHOWN)
#4 PUMP
(TOP)
#2 PUMP
(TOP)
#3 PUMP
(BOTTOM)
#1 PUMP
(BOTTOM)
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H32-16
H32-49
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606 608 607 608 606
H32-16
606
H32-59
BOT.
TOP

10010-01-21 Optional Goosenech Tongue Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	ARM-2P01	Arm, Gooseneck Hitch, Machine Connection	1		May require modification to PIN-2P01 when installing on 40001001-40002003 or on 10002005.
2	BAR-8213	Bar, Spacer, Back Top, Hitch/Tongue, HC290	1		
3	BAR-8214	Bar, Spacer, Back, Bottom, Hitch/Tongue	1	BAR-8214	
4	BAR-8215	Bar, Spacer, Front Top, Hitch/Tongue, HC290	1		
5	BAR-8216	Bar, Spacer, Front Middle, Hitch/Tongue	1		
6	BAR-8217	Bar, Spacer, Front Bottom, Hitch/Tongue	1		
7	BT-0018	Belting, Hose Holder, Hitch Arm, 2-Point Hitch	1		
8	BT-8110	Belting, Hose Holder, Gooseneck	2		
9	BU-2P01	Bushing, Arm, Gooseneck, Main Frame	1		
10	MOU-2P01	Pin, Mount, Gooseneck Hitch	1		
11	PIN-2P01	Pin, Gooseneck Hitch Pivot, Top of Tractor	1		Will require modification to ARM-2P01 when installing on 40001001-40002003 or on 10002005.
12	POS-8110	Post, Pivot Holder, Tongue	1		
13	SFT-2P01	Shaft, Gooseneck Hitch Pivot, Swivel	1		
14	SFT-8210	Shaft, Hose Holder, 190 Frame	1		
15	SUP-0016	Support, Hose, Hydraulic Hose, Tongue, Rear	1		
16	SUP-8110	Support, Pivoting Hose Holder, Tongue	2		
17	SUP-8210	Support, Rear Swivel Plate, Gooseneck Hitch	1		
18	GF-1428	Grease Fitting 1/4' x 28 straight	8		
19	GF-1827-45	Grease Fitting 1/8 NPT 45°	5		
21	HC-250-1208	Tie Rod Cylinder, Standard 2 1/2' x 12'	1		Seal Kit Part No. HC-250-1208-SK (PMCK-B200000)
22	BAR-8218	Bar, Spacer, Front, Gooseneck Hitch	2		
23	SPA-8213	Spacer, Back, Hitch Support	2		
24	PR34413	Bronze Bushing for Spreader, 3-1/2' Dia Shaft	4		
110	BL-12-550-8	¾' x 5 1/2', HH C/S G8 ZC	3		
600	H8-108-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 108 in long	-1		
600	H8-184-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 184 in long	1		

601	H8-195-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 195 in long	1
601	H8-120-8MP-8MP	1/2 in hose 1/2MP x 1/2MP 120 in. long	-1

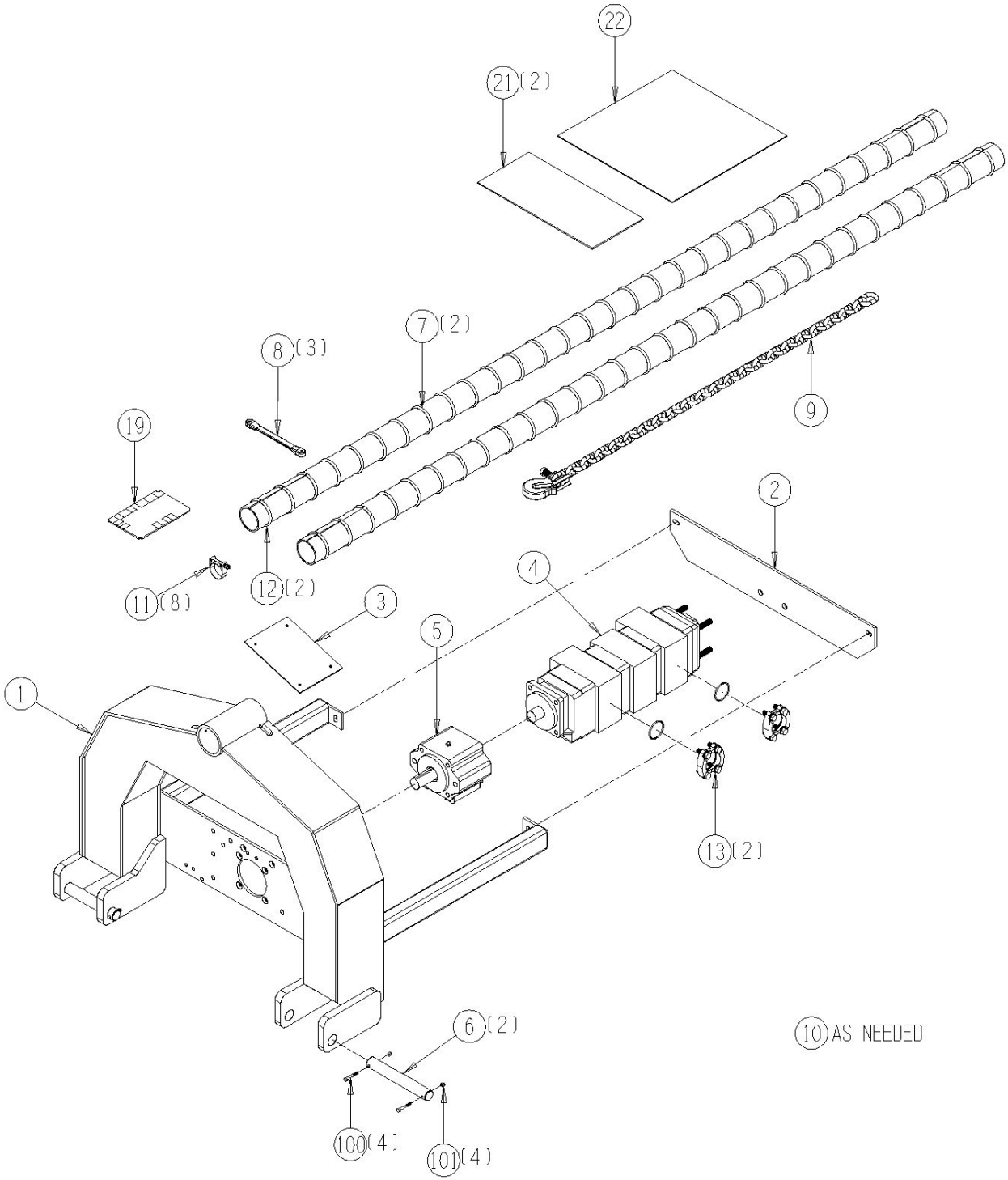
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10010-01-22 Optional Gooseneck Hitch Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	FRM-2P04	Frame, 190 Gooseneck Hitch Mount	1		
2	SUP-2P01	Support, hydraulic Pump, Bottom Arms	1		
3	BT-1402	Belting on Gooseneck Hitch Mount	1		
4	HP-365-P1	Hydraulic Pump, Permco 360	1		Replaces HP-365-C1-SP. (requires 1 HP-1003-XSP)
5	HP-1003-XSP	Overhung Load Adapter With Weep Hole, Splined Int, Extended External	1	73008001-	
6	PIN-003P	Pin, Quick Hitch & Tomato	2		
7	HOS-3-4-72SP	Hose 3", Suction Line Cover Clear, 190 Tomato	2		
8	STRP-1050	10" Tarp Straps	3		
9	FRM-3167	Safety Chain, Agricultural, 30,400 lb. Capacity	0	19701- 30097001-	
10	WT-17H	Heavy Duty Wire Tie 17.5"	20		
11	CL-225	2 1/4" T-Bolt Clamp	8		
12	CL-375	3" Hose Clamp, Heavy Duty T-Bar, 3.375-3.75"	2		
13	A-SFK-32	2" Split Flange Kit	2		
19	DC-0041	Decal, Control Box, Tomato, '02	1		
21	BT-0056	Belting, Hose Wrap, Tomato	2		
22	BT-0057	Belting, Suction Hose Wrap	1		
100	BL-4-200-H	1/4-20 X 2 HEX CAP G5 ZC	4		
101	BL-4-LN	1/4-20 HEX LN NE ZC	4		
800	EL-805	Automotive Fuses 10 Amp	0		
801	HP-1003A	Rear seal for HP-1003	0	11001	
802	HP-1003B	Front seal for HP-1003	0	11101	
803	HP-1003S	Output Shaft for HP-1003	0	HP-1003	
804	HP-365B	Key for Hydraulic Pump, Model 365	0	HP-365-C1 & HP-365-C3	
805	KEY-6-6-40	Keystock 3/8" x 3/8" x 2 1/2" Square Cut (1018)	0		
806	A-90DF-32	O Ring for Flange Face 2"	0	A-SFK-32	

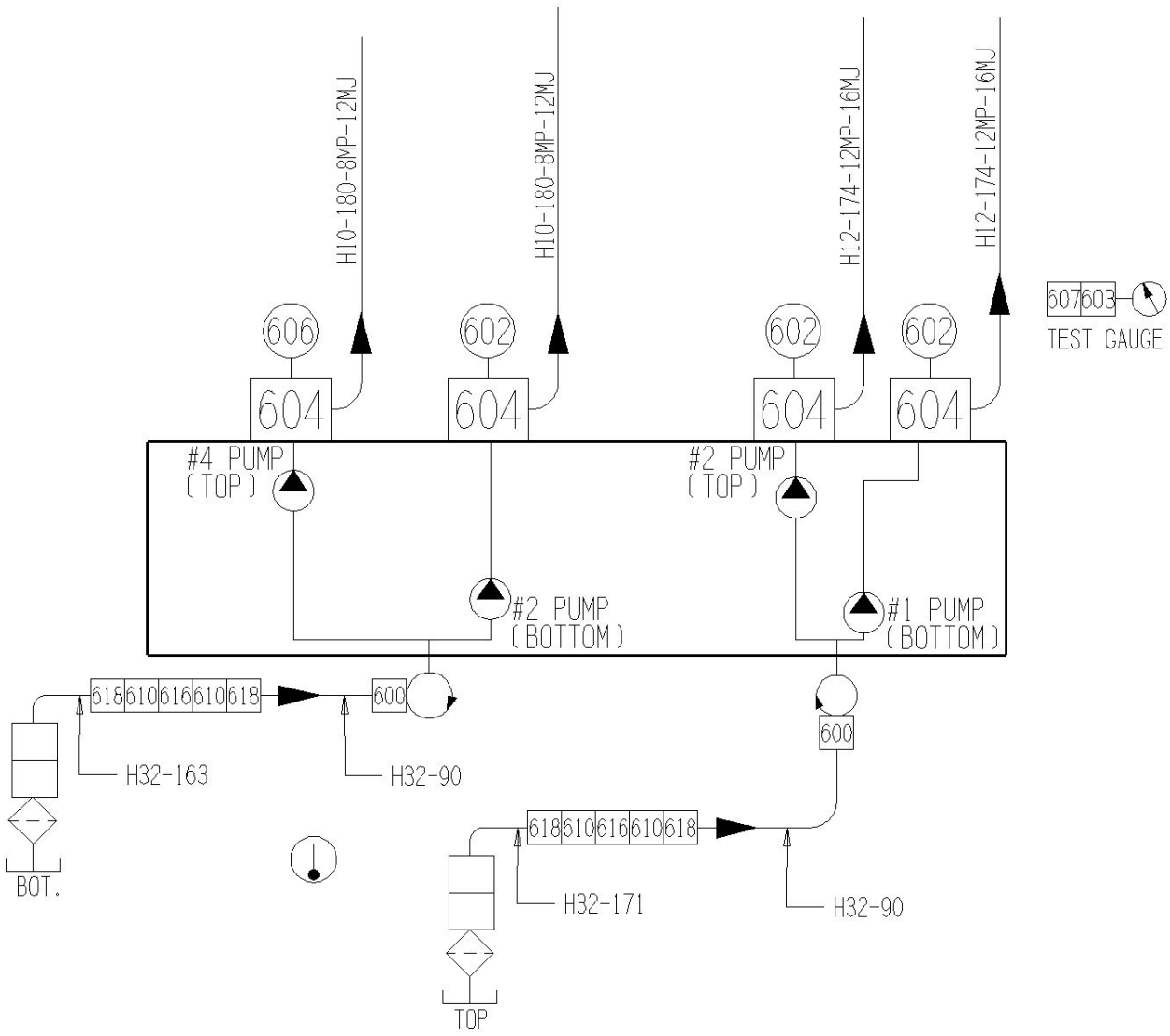
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10010-01-22H Gooseneck Hitch Hydraulic Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
600	A-4456-32-32	Flange Nipple, 2" 45°	2		
601	H12-174-12MP-16MJ	3/4 in hose 3/4MP-1MJIC x 174 in long	2		
602	A-6901-10-8-4SAE	10 SAE x 1/2 FPX90° W/ 4SAE Port, Forged	2		
603	HA-1004-G	Hydraulic, Pressure Gauge w/1/4 NPT Stem	1		
604	A-6901-12-12-4SAE	12 SAE x 3/4" FPX 90° w/4 SAE Port, Forged	2		
605	H10-180-8MP-12MJ	5/8 in hose 1/2MP X 3/4MJIC 180 in long	2		
606	HA-1004-4	Test Point Plug #4 SAE Thread	4		
607	HA-1005-T	Test Point Probe	1		
608	H12-122-12MP-8MP	3/4" Hose 3/4"MP x 1/2"MP x 122" Long	1		
609	AIR-N4	1/4"Nylon Tubing @ ft., Black	15		assembly personnel will monitor inventory
610	A-4444-32-32	2" Male Pipe Hose Barb	4		
611	H10-184-8MP-8MP	5/8 in hose 1/2MP X 1/2MP x184 in long	1		
612	H10-195-8MP-8MP	5/8 in hose 1/2MP X 1/2MP x 195 in long	1		
613	H32-171	2" Suction Hose, To Front Pump	1		
614	H32-163	2" Suction Hose, To Back Pump	1		
615	H32-90	2" Suction Hose, From Tank to Gate Valve	2		
616	HV-GV-200	2" Brass Gate Valve	2		
617	A-LV1501-8-8	Live Swivel 90° with AFLAS Seals	1		
618	CL-225	2 1/4" T-Bolt Clamp	4		

10010-01-22H

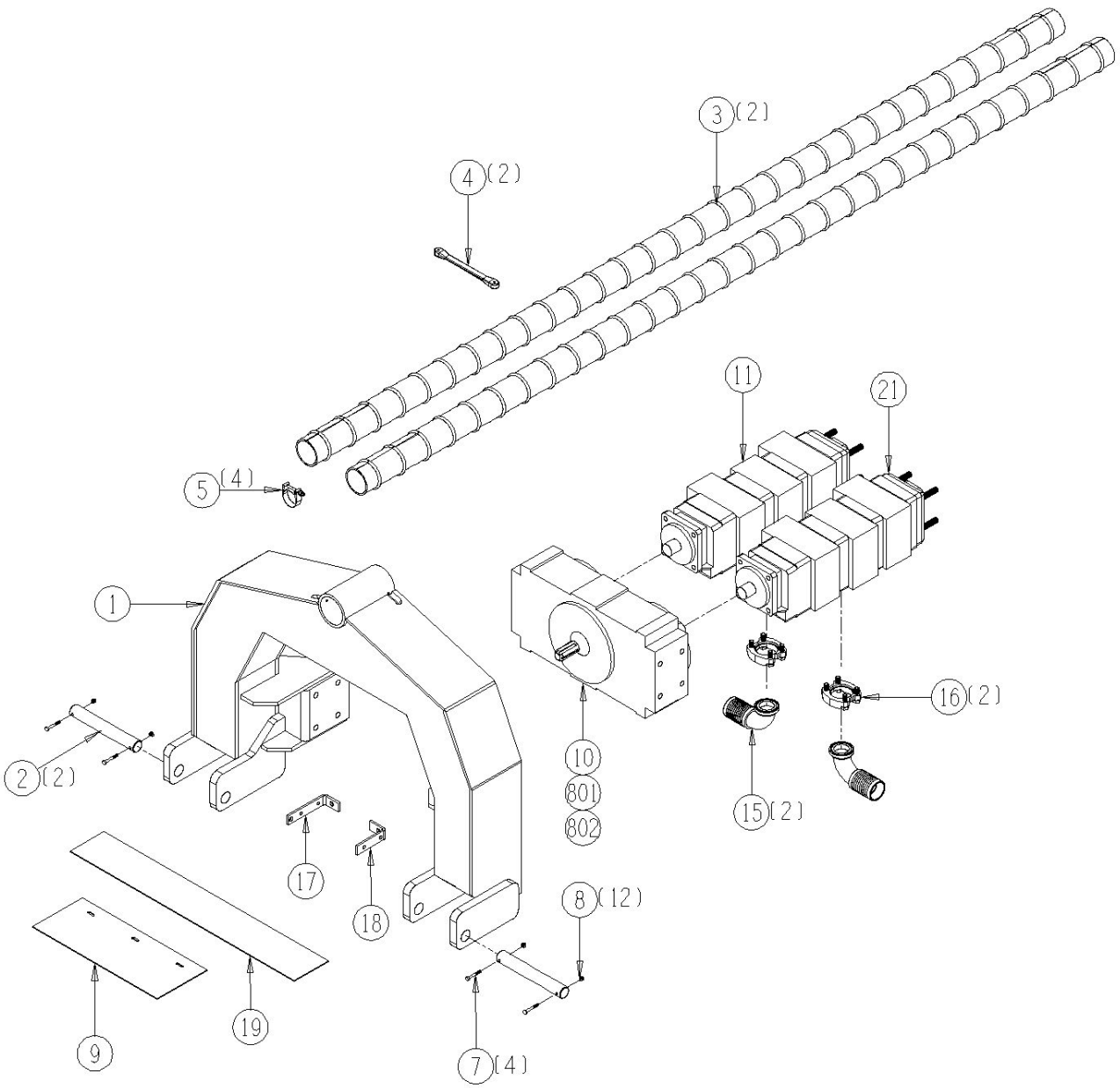


611	FROM TRACTOR NI TO BRAND VALVE OUT
612	FROM TRACTOR OUT TO PRESSURE FILTER
608	AIR COMPRESSOR SS LINE TO AIR DRYER
609	AIR COMPRESSOR UNLOADER
617	OUT ON AIR COMPRESSOR

10010-01-23 Optional Double Pump Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	FRM-0015	Frame, Mount, Gooseneck Hitch, 190 Tomato	1		
2	PIN-003P	Pin, Quick Hitch & Tomato	2		
3	HOS-3-4-72SP	Hose 3", Suction Line Cover Clear, 190 Tomato	2		
4	STRP-1050	10" Tarp Straps	2		
5	CL-375	3" Hose Clamp, Heavy Duty T-Bar, 3.375-3.75"	4		
7	BL-4-200-H	1/4-20 X 2 HEX CAP G5 ZC	4		
8	BL-4-LN	1/4-20 HEX LN NE ZC	12		
9	BT-3100	Belting, PTO Shield, Compressorless	1	30095001-KIT-800	Used ONLY on machines with no air compressor
10	GBX-252	Two Pad Gearbox for double pump	1		Use only HP-630 Oil 3.5 Quart
11	HP-257-P18	Hydraulic Pump	1		
12	HV-GV-200	2" Brass Gate Valve	2		
13	A-4444-32-32	2" Male Pipe Hose Barb	2		
14	AN-32-40-HS	2" NPTx 2½" ID Hose, Combination Nipple/Hose Shank	2		
15	A-4459-40-32	Flange Nipple, 2-1/2" barb x 2 flange" 90°	2		
16	A-SFK-32	2" Split Flange Kit	2		
17	BRA-8200	Bracket, Outsd, PTO Belting, Hitch Assy, HC290	1		
18	BRA-8201	Bracket, Inside, PTO Belting, Hitch Assy, HC290	1		
19	BT-8200	Belting, PTO, Hitch Assembly, HC290 Tomato	1		
20	HP-630	Synthetic Gear & Bearing Oil @ Qt.	3.5		
21	HP-257-P19	Hydraulic Pump	1	11003004, 10007001	
801	GBXA-252D	Dipstick for GBX-252	1		
802	GBX-252-B	O-Ring	1	GBX-252	

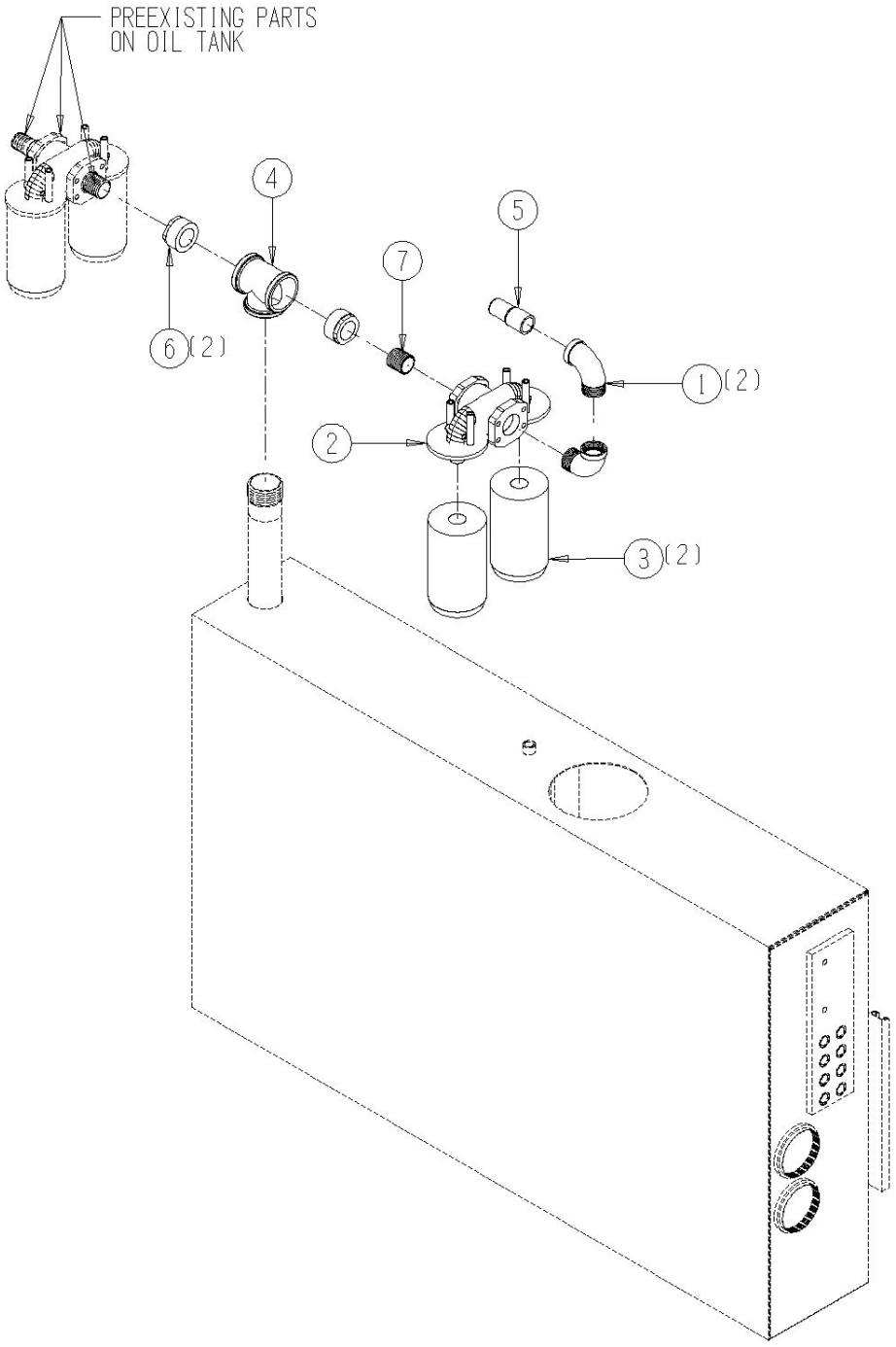
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10010-01-23H Optional Double Pump Hydraulic Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	AR-40-24	2 1/2” x 1 1/2” Bell Reducer	-1		
1	ASL-24	1 1/2 ST ELL, Domestic Only	2		
2	HA-1023-Z	Double Filter Head, Side by Side	1		
3	HA-1029	Hydraulic Fluid Filter, 11”	2		
4	AT-40-40-40	2 1/2 x 2 1/2 x 2 1/2 Black Tee	1		
5	AN-24-24-HS	1 1/2” Male NPT with Combination 1-1/2” Hose Barb	1		
6	AB-40-24	2 1/2 x 1 1/2 Black Hexagon Bushing	2		
7	AN-24-CL	1 1/2” Black (Nipple Close)	1		
8	CL-375	3” Hose Clamp, Heavy Duty T-Bar, 3.375-3.75”	4		
9	CL-200-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	8	1 1/2” Suction Hose	
10	CL-249-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	8	2 1/2” Suction Hose	
800	HA-1023-P	Poppet for Filter Bypass	1	HA-1023-Z	
801	HA-1023-S	25 PSI Filter Bypass Spring	1	HA-1023-Z	

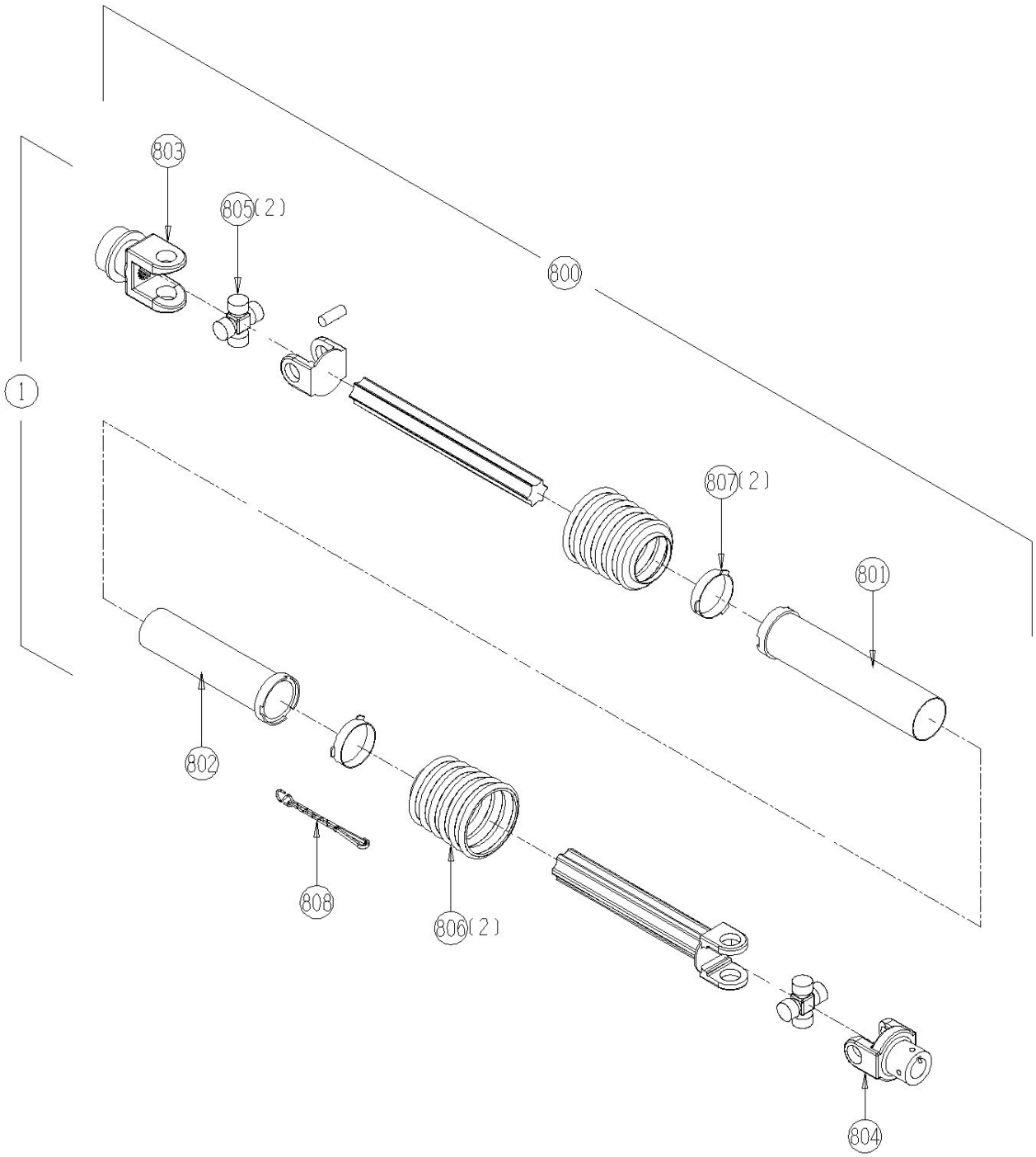
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10010-01-50 Tongue 1-3/8-21 PTO Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PTS-1002	1-3/8 21-spline x Overhung LA, 190, Walterscheid	1	19101-	Used on some 1994 machines
101	BL-6-050-SC	3/8-16 x 1/2” Knurled Point Set Screw	2		
800	PTS-1002-FH	1-3/8 21-spline, Front Half Only for All PTO (Walterscheid) Shafts	1		
801	PTS-1002F	PTO Outer Shield (Walterscheid)	1	19101-	
802	PTS-1002G	PTO Inner Shield (Walterscheid) Tomato Shaft	1	19101-	For use on PTS-1002 and PTS-1001 model Only
803	PTS-1002C	PTO Yoke (Walterscheid) 1 3/8” x 21 spline	1	19101-	John Deere PN AW25386
804	PTS-1003-H	PTO Inner Yoke (Walterscheid)	1		
805	PTS-4001B	Extended Lube Cross & Bearing Kit	2	Walterscheid Yokes	Replaces PTS-1002B
806	PTS-1002E	7 Rib PTO Shield Cone (Walterscheid)	2	19101-	
807	PTS-1002J	PTO Shield Bearing Ring	2		
808	PTS-1002K	PTO Shield Safety Chain	1		

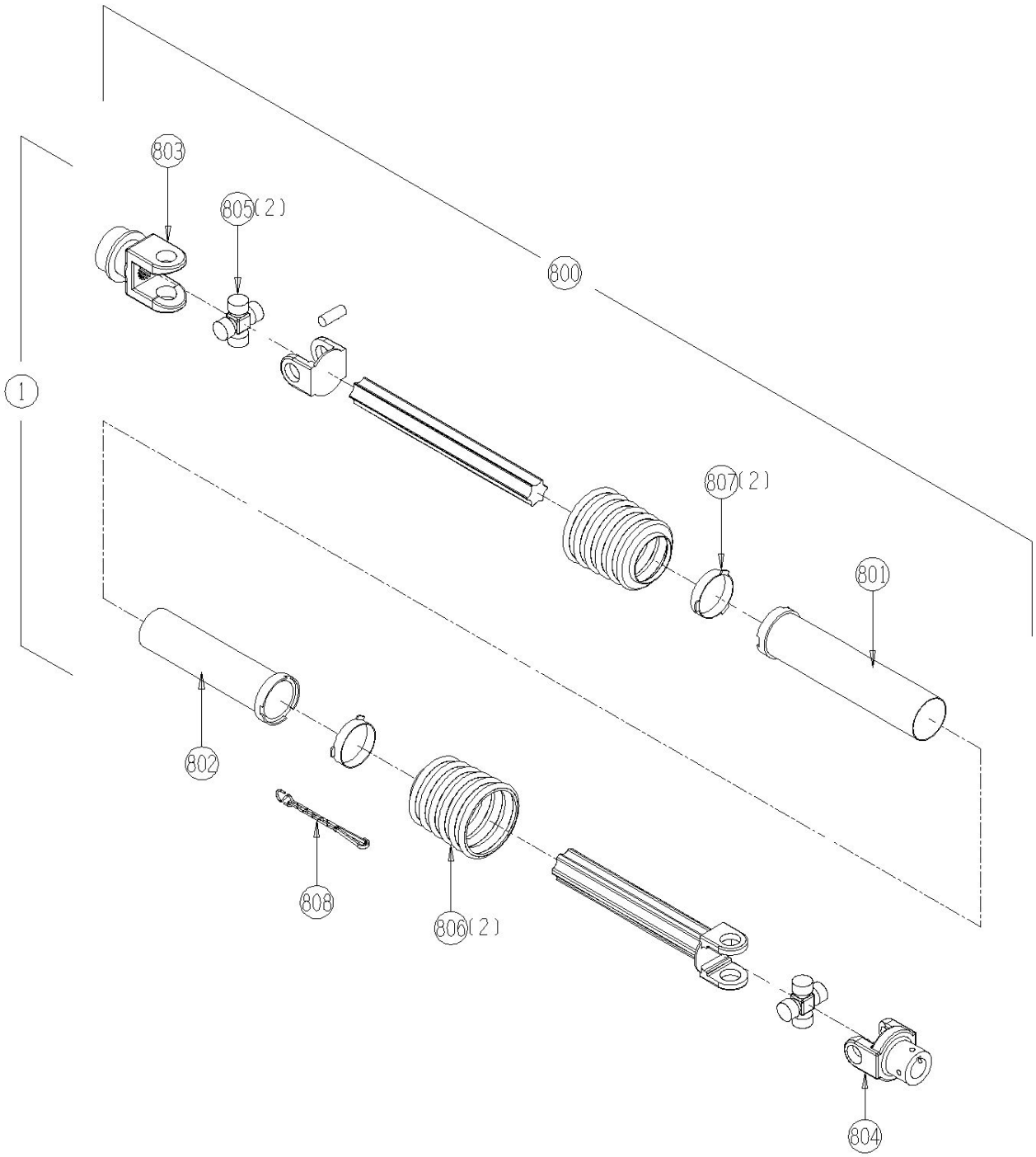
10010-01-50



10010-01-51 Tongue 1-3/4-20 PTO Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PTS-1001	1-¾ 20-spline x Overhung LA, 190, Walterscheid	1		
101	BL-6-050-SC	3/8-16 x 1/2” Knurled Point Set Screw	2		
800	PTS-1003-FH	1-¾ 20-spline, Front Half Only, Tom or Cuc (Walterscheid)	1		
801	PTS-1002F	PTO Outer Shield (Walterscheid)	1	19101-	
802	PTS-1002G	PTO Inner Shield (Walterscheid) Tomato Shaft	1	19101-	For use on PTS-1002 and PTS-1001 model Only
803	PTS-1002A	PTO Tractor Yoke (Walterscheid) 1-¾ x 20 Spline	1	19101-	John Deere PN AW25387
804	PTS-1003-H	PTO Inner Yoke (Walterscheid)	1		
805	PTS-4001B	Extended Lube Cross & Bearing Kit	2	Walterscheid Yokes	Replaces PTS-1002B
806	PTS-1002E	7 Rib PTO Shield Cone (Walterscheid)	2	19101-	
807	PTS-1002J	PTO Shield Bearing Ring	2		
808	PTS-1002K	PTO Shield Safety Chain	1		

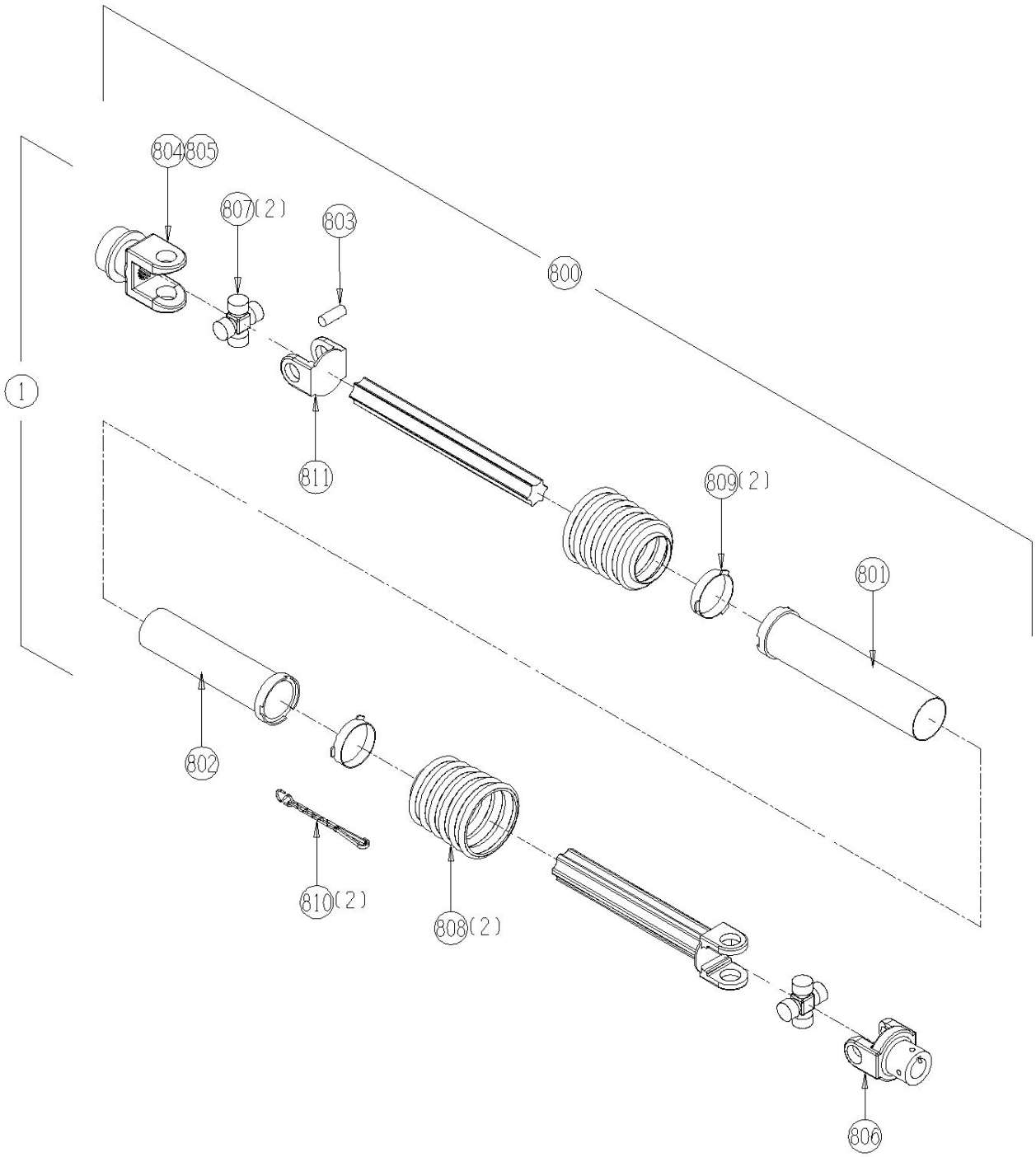
10010-01-51



10010-01-52 Optional Gooseneck 1-3/8 PTO Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PTS-4002	1-3/8 21-spline x Overhung LA, 2-Point Hitch	1		
101	BL-6-050-SC	3/8-16 x 1/2” Knurled Point Set Screw	2		
800	PTS-4001-RH	Rear Half Only, Overhung LA, 2-Point Hitch	1		
800	PTS-8100-FH	1-3/8 x 21-spline, Front Half for PTS-8100, PTS-4002	1		
801	PTS-4001OS	PTO Outer Shield (Walterscheid) Chili	1		
802	PTS-4001IS	PTO Inner Shield (Walterscheid) Chili	1		
803	PTS-3001-D	Spring Pin 10x90	1		
804	PTS-1002A	PTO Tractor Yoke (Walterscheid) 1-¾ x 20 Spline	1	19101-	John Deere PN AW25387
805	PTS-1002C	PTO Yoke (Walterscheid) 1 3/8” x 21 spline	1	19101-	John Deere PN AW25386
806	PTS-1003-H	PTO Inner Yoke (Walterscheid)	1		
807	PTS-4001B	Extended Lube Cross & Bearing Kit	2	Walterscheid Yokes	Replaces PTS-1002B
808	PTS-1002E	7 Rib PTO Shield Cone (Walterscheid)	2	19101-	
809	PTS-1002J	PTO Shield Bearing Ring	2		
810	PTS-1002K	PTO Shield Safety Chain	2		
811	PTS-4001IY	Inboard Yoke, Tractor Half	1		

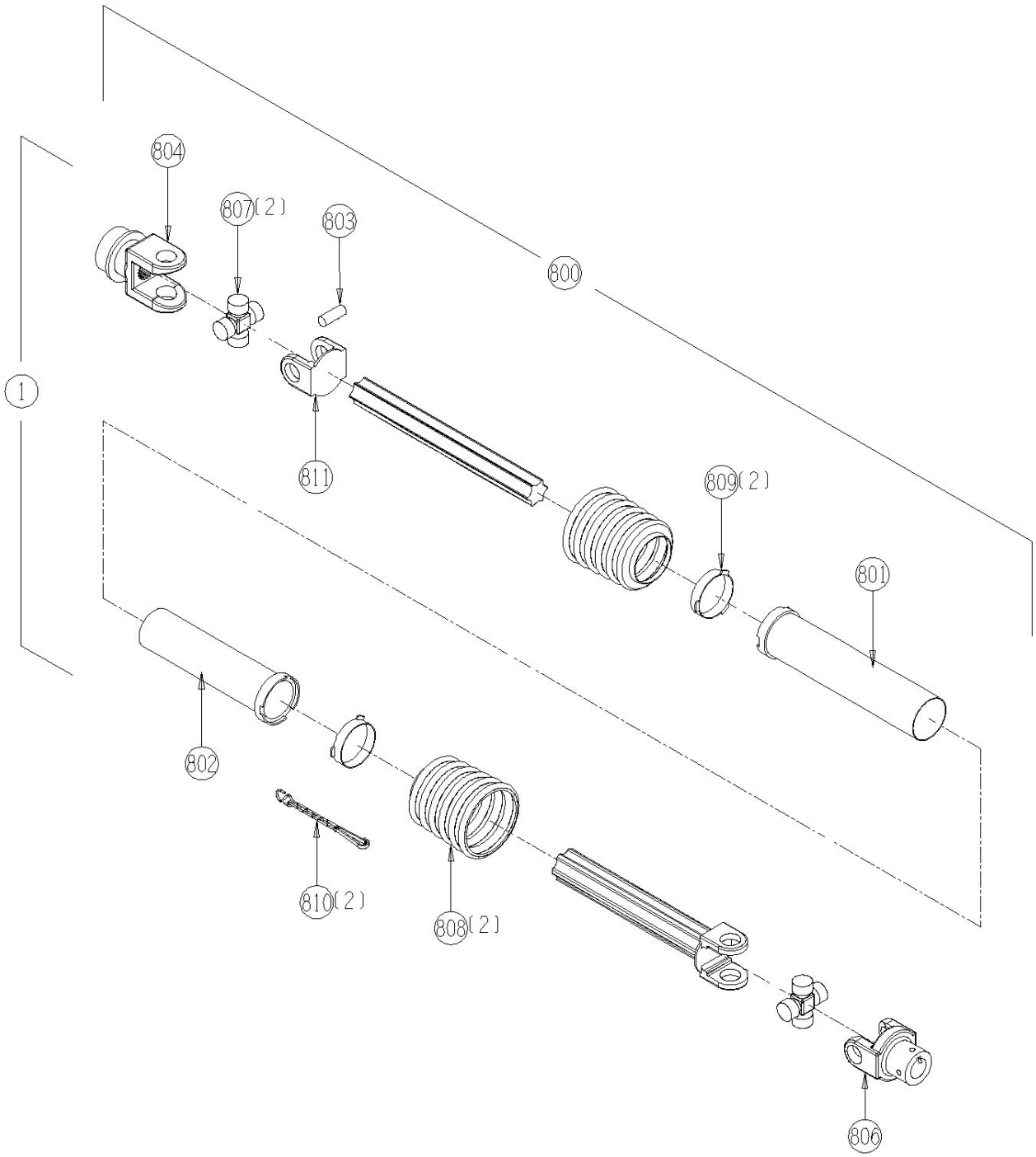
10010-01-52



10010-01-53 Optional Gooseneck 1-3/4 PTO Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PTS-4001	1-¾ 20-spline x Overhung LA, 2-Point Hitch	1		IH MX Series Quick Hitch On Ford New Hol. Quick Hitch Off JD 7000 & 8000 both Hitch configs Case IH above 160 HP Quick H on Case IH Under 159 HP Both Hitch configs
101	BL-6-050-SC	3/8-16 x 1/2" Knurled Point Set Screw	2		
800	PTS-4001-FH	1-¾ x 20-spline, Front Half for PTS-8101, PTS-4001	1		
800	PTS-4001-RH	Rear Half Only, Overhung LA, 2-Point Hitch	1		
801	PTS-4001OS	PTO Outer Shield (Walterscheid) Chili	1		
802	PTS-4001IS	PTO Inner Shield (Walterscheid) Chili	1		
803	PTS-3001-D	Spring Pin 10x90	1		
804	PTS-1002A	PTO Tractor Yoke (Walterscheid) 1-¾ x 20 Spline	1	19101-	John Deere PN AW25387
806	PTS-1003-H	PTO Inner Yoke (Walterscheid)	1		
807	PTS-4001B	Extended Lube Cross & Bearing Kit	2	Walterscheid Yokes	Replaces PTS-1002B
808	PTS-1002E	7 Rib PTO Shield Cone (Walterscheid)	2	19101-	
809	PTS-1002J	PTO Shield Bearing Ring	2		
810	PTS-1002K	PTO Shield Safety Chain	2		
811	PTS-4001IY	Inboard Yoke, Tractor Half	1		

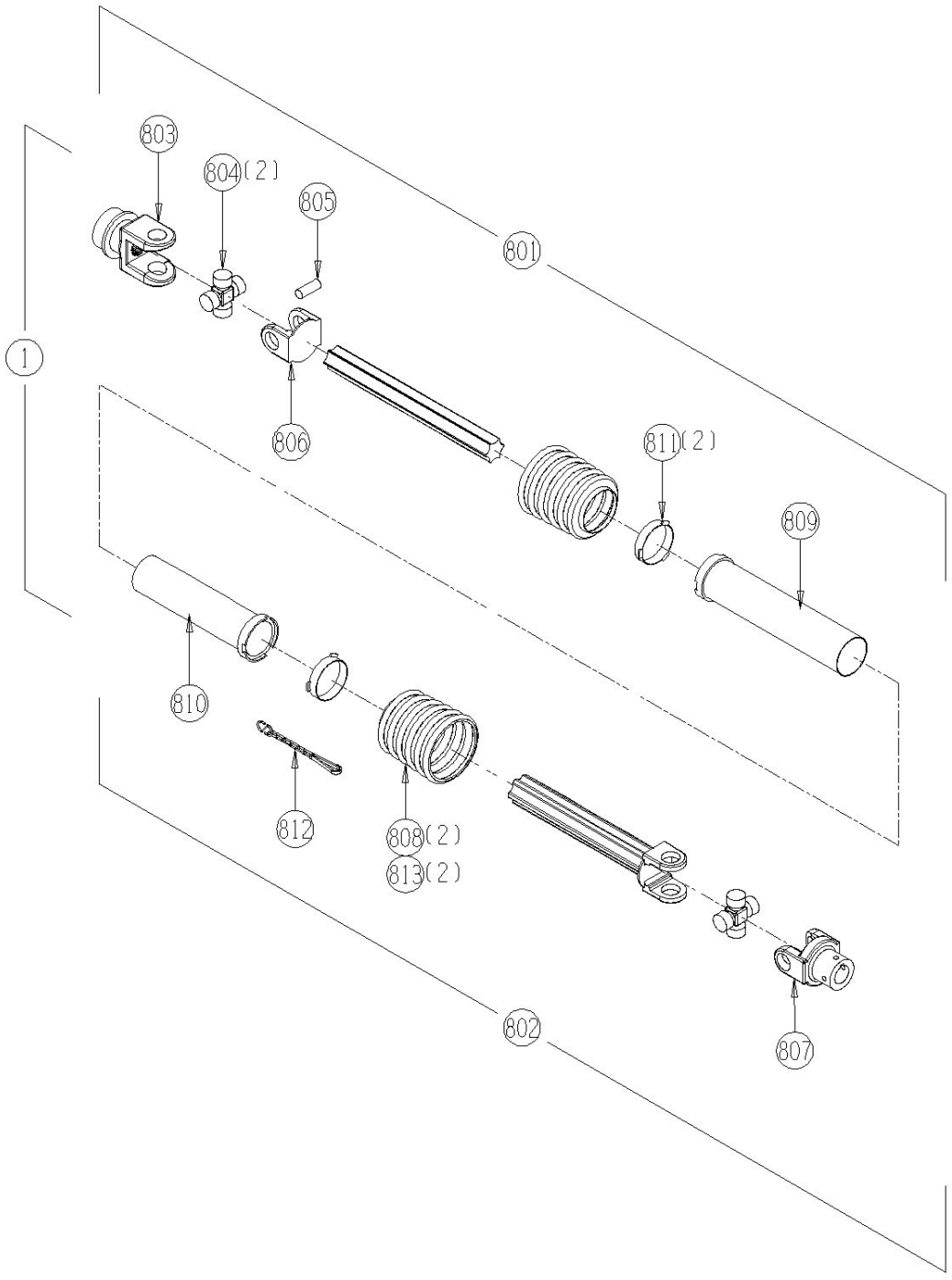
10010-01-53



10010-01-54 Optional Double Pump 1-3/4 PTO Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PTS-8101	1-¾ x 20-spline x 1-3/8 6-spline gearbox (HC290)	1		IH MX Series Quick Hitch On Ford New Hol. Quick Hitch Off JD 7000 & 8000 both Hitch configs Case IH above 160 HP Quick H on Case IH Under 159 HP Both Hitch configs
801	PTS-4001-FH	1-¾ x 20-spline, Front Half for PTS-8101, PTS-4001	1		
802	PTS-8100-RH	1-3/8 x 6-Spline, Rear Half for PTS-8100, PTS-8101	1		
803	PTS-1002A	PTO Tractor Yoke (Walterscheid) 1-¾ x 20 Spline	1	19101-	John Deere PN AW25387
804	PTS-4001B	Extended Lube Cross & Bearing Kit	2	Walterscheid Yokes	Replaces PTS-1002B
805	PTS-3001-D	Spring Pin 10x90	1		
806	PTS-4001IY	Inboard Yoke, Tractor Half	1		
807	PTS-8100-A	1-3/8 x 6-spline, Clamp Type	1		
808	PTS-1002E	7 Rib PTO Shield Cone (Walterscheid)	2	19101-	
809	PTS-4001OS	PTO Outer Shield (Walterscheid) Chili	1		
810	PTS-4001IS	PTO Inner Shield (Walterscheid) Chili	1		
811	PTS-1002J	PTO Shield Bearing Ring	2		
812	PTS-1002K	PTO Shield Safety Chain	1		
813	PTS-1010K	Screw	2		

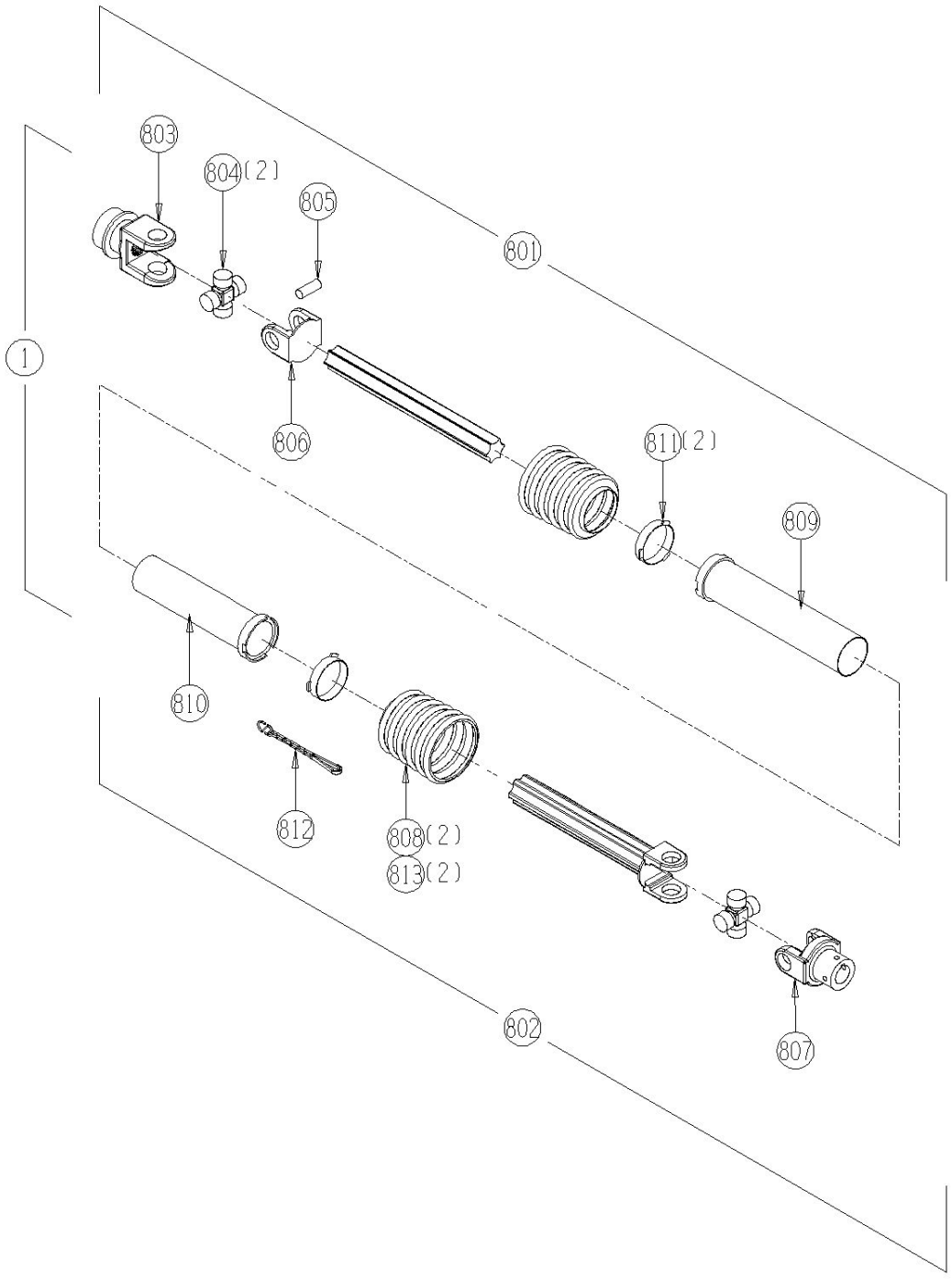
10010-01-54



10010-01-55 Optional Double Pump 1-3/8 PTO Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PTS-8100	1-3/8 21-spline, x 1-3/8 6-spline gearbox (HC290)	1		IH MX Series Quick Hitch On Ford New Hol. Quick Hitch Off JD 7000 & 8000 both Hitch configs Case IH above 160 HP Quick H on Case IH Under 159 HP Both Hitch configs
801	PTS-8100-FH	1-3/8 x 21-spline, Front Half for PTS-8100, PTS-4002	1		
802	PTS-8100-RH	1-3/8 x 6-Spline, Rear Half for PTS-8100, PTS-8101	1		
803	PTS-1002C	PTO Yoke (Walterscheid) 1 3/8” x 21 spline	1	19101-	John Deere PN AW25386
804	PTS-4001B	Extended Lube Cross & Bearing Kit	2	Walterscheid Yokes	Replaces PTS-1002B
805	PTS-3001-D	Spring Pin 10x90	1		
806	PTS-4001IY	Inboard Yoke, Tractor Half	1		
807	PTS-8100-A	1-3/8 x 6-spline, Clamp Type	1		
808	PTS-1002E	7 Rib PTO Shield Cone (Walterscheid)	2	19101-	
809	PTS-4001OS	PTO Outer Shield (Walterscheid) Chili	1		
810	PTS-4001IS	PTO Inner Shield (Walterscheid) Chili	1		
811	PTS-1002J	PTO Shield Bearing Ring	2		
812	PTS-1002K	PTO Shield Safety Chain	1		
813	PTS-1010K	Screw	2		

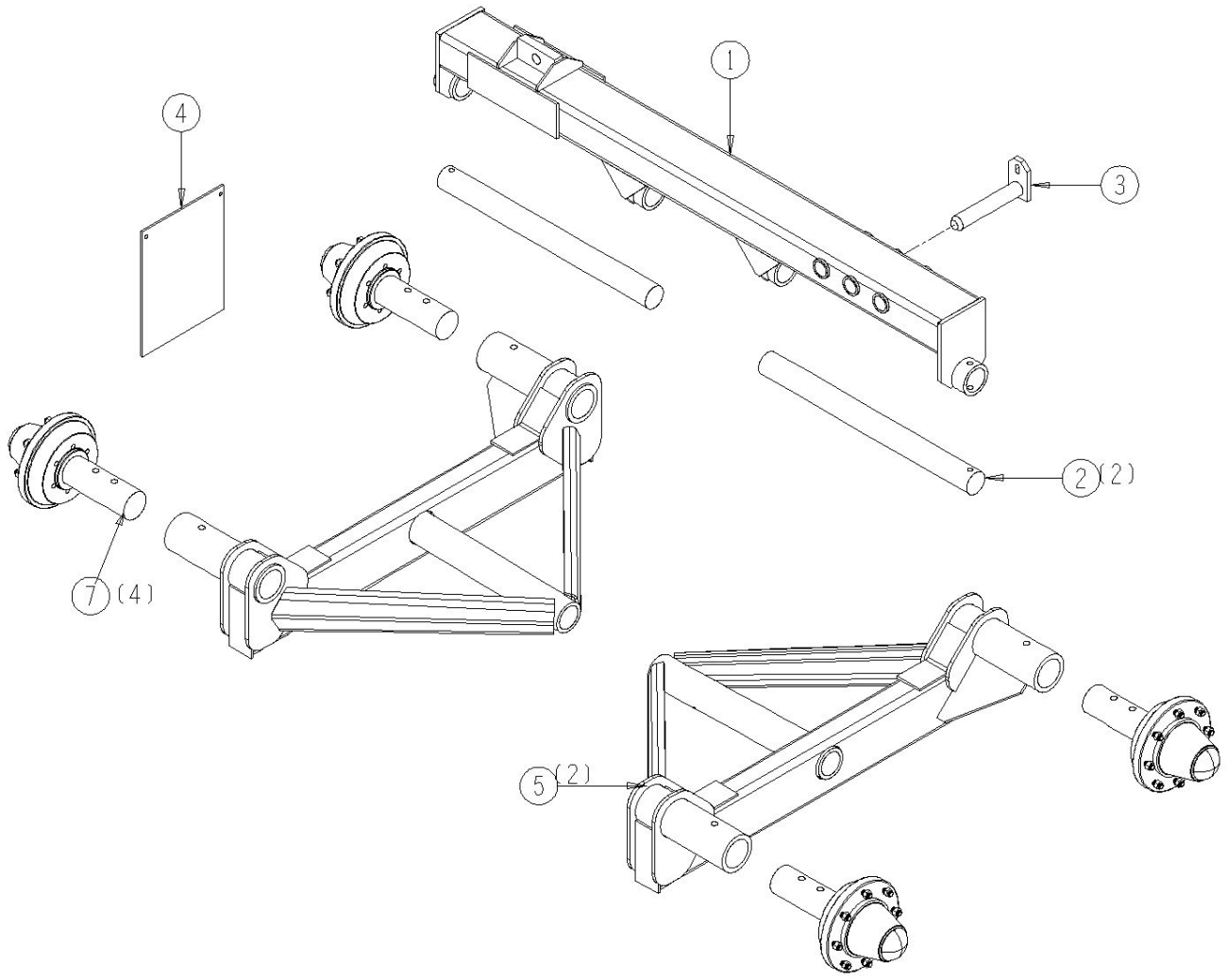
10010-01-55



10010-01-60 Standard Axle & Rocker Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-1111	Axle	1	19101-	
2	110-1110	Pin, Rocker	2	110-90-01-	
3	191-1112	Axle Pin	1	19101-	
4	PL-1101	Plastic Cover	1	19501-	
5	WHL-3011	Walking Beam, Heavy Duty Big Wheel,Pepper/Tomato	2		
7	WHL-3000-2	Hub Assembly, HD, Complete (includes spindle), Painted Red	4	WHL-3000	
8	BAR-1118	Bar, Hold up, Head Chain, Big Wheel	1	KIT-1118	
9	BRA-1936	Bracket, Lower Roller for Header Chain (L.H.)	1		
10	BRA-1938	Bracket, Lower Roller for Header Chain (R.H.)	1	192-101K	
13	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
14	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
15	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	2		
101	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	2		
102	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	2		
800	WBR-3000K	Wheel Bearing Kit for WHL-3000 Hub & Spindle Assy.	1	WHL-3000	
801	WHL-3000A	Inner Cup	1	WHL-3000	
802	WHL-3000B	Outer Cup	1	WHL-3000	
803	WHL-3000C	Inner Cone	1	WHL-3000	
804	WHL-3000D	Outer Cone	1	WHL-3000	
805	WHL-3000E	Stud Bolt	1	WHL-3000	
806	WHL-3000F	Lug Nut	1	WHL-3000	
807	WHL-3000G	Seal	1	WHL-3000	
808	WHL-3000H	Hub Cap	1	WHL-3000	3 1/8 od
809	WHL-3000J	Spindle Nut	1	WHL-3000	
810	WHL-3000K	Spindle Washer	1	WHL-3000	

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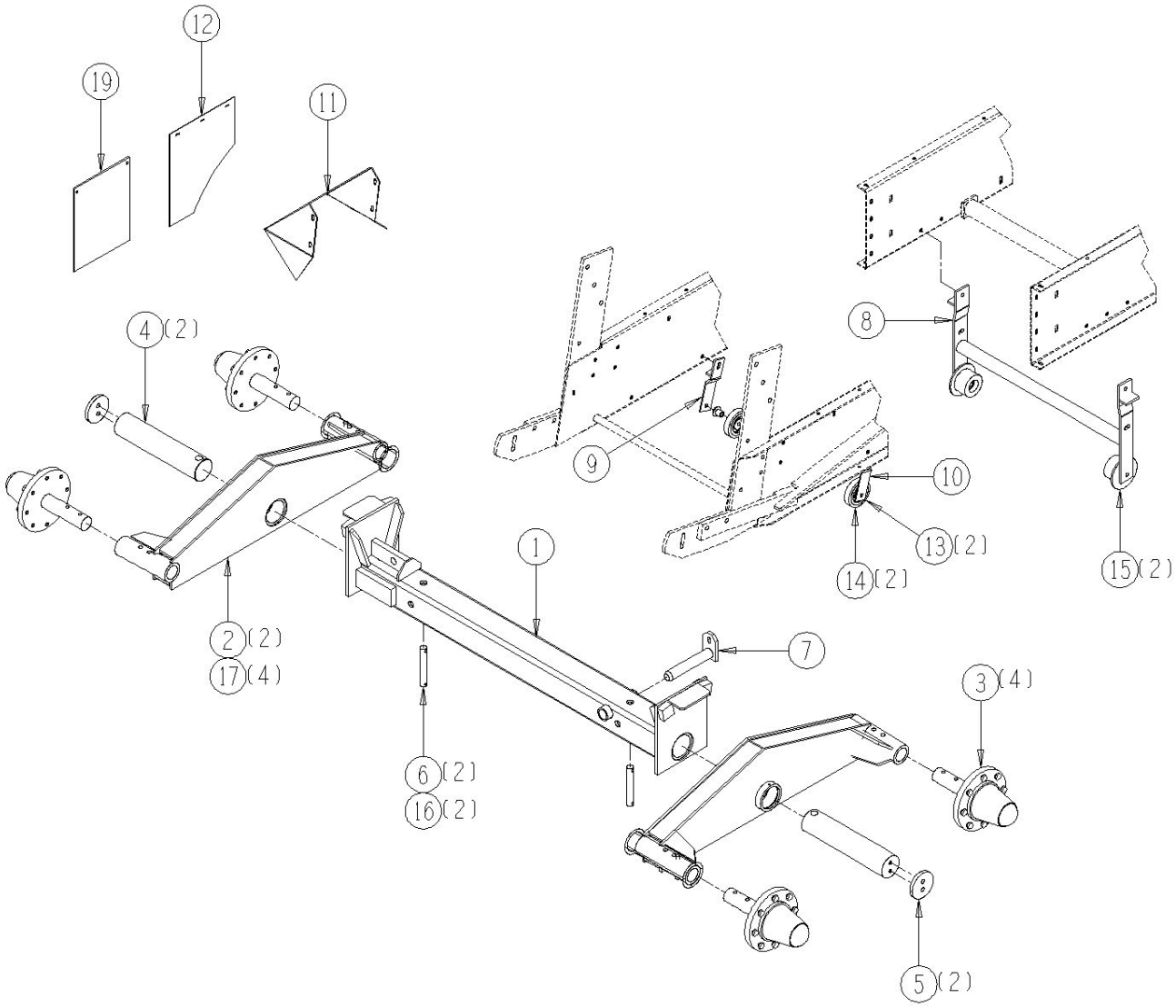


10010-01-61 Optional Tandem Floatation Axle Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	WHL-1118	Wheel, Axle, Big Wheel (Tomato)	1	KIT-1118	
2	WHL-1121	Rocker, Big Wheel	2	WHL-1118 / WHL-1138 / WHL-1136	
3	WHL-1115	Complete Hub and Spindle Assembly	4	193-1109 / WHL-1121	
4	SFT-1118	Shaft, Rocker Mount, Big Wheel (Tomato)	2	KIT-1118	
5	SUP-1121	Support, Rocker, Big Wheel (Tomato)	2	KIT-1118	
6	PIN-1118	Pin, Shaft Holder, Big Wheel (Tomato)	2	KIT-1118	
7	191-1112	Axle Pin	1	19101-	
8	BAR-1118	Bar, Hold up, Head Chain, Big Wheel	1	KIT-1118	
9	BRA-1936	Bracket, Lower Roller for Header Chain (L.H.)	1		
10	BRA-1938	Bracket, Lower Roller for Header Chain (R.H.)	1	192-101K	
11	COV-1118	Cover, Level Cylinder	1		
12	BT-1118	Belting, Aftersort, 'Big Wheel' Kit	1		
13	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
14	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
15	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	2		
16	PIN-6-32	Roll Pin 3/8' x 2'	2		
17	GF-1827-90	Grease Fitting 1/8 NPT x 90°	4		
18	HA-9005	2440 Primerless Threadlocker(Blue), 36ml	0.01		
19	PL-1101	Plastic Cover	1	19501-	
101	BL-10-150-H	5/8-11 X 1 1/2 HEX CAP G5 ZC	4		
102	BL-10-SW	5/8 SAE FW ZC @	4		
103	BL-10-LW	5/8 SPLIT LW ZC	4		
601	AC-2	1/8' NPT Coupler	2		
602	AN-2-CL	1/8' NPT Close Nipple	2		
800	WBR-1107K	Complete Wheel Bearing Kit	4	WHL-1115	All
801	WBR-1107A	Seal 1115 Series Hub	1	WHL-1115	
802	WBR-1107B	Inside Wheel Bearing	1	WHL-1115	
803	WBR-1107F	Inner cup	1	WHL-1115	

804	WBR-1107G	Outer cup	1	WHL-1115	
805	WBR-1107C	Outside Wheel Bearing	1	WHL-1115	
806	WBR-1107H	Washer	1	WHL-1115	
807	WBR-1107D	Nut 7/8-14	1	WHL-1115	
808	WBR-1107E	Cap	1	WHL-1115	
809	WBR-1107L	Wheel, Lug bolts	8	WHL-1115	
810	WBR-1108	Spindle for Machine Wheel	1	WHL-1115	Drilled

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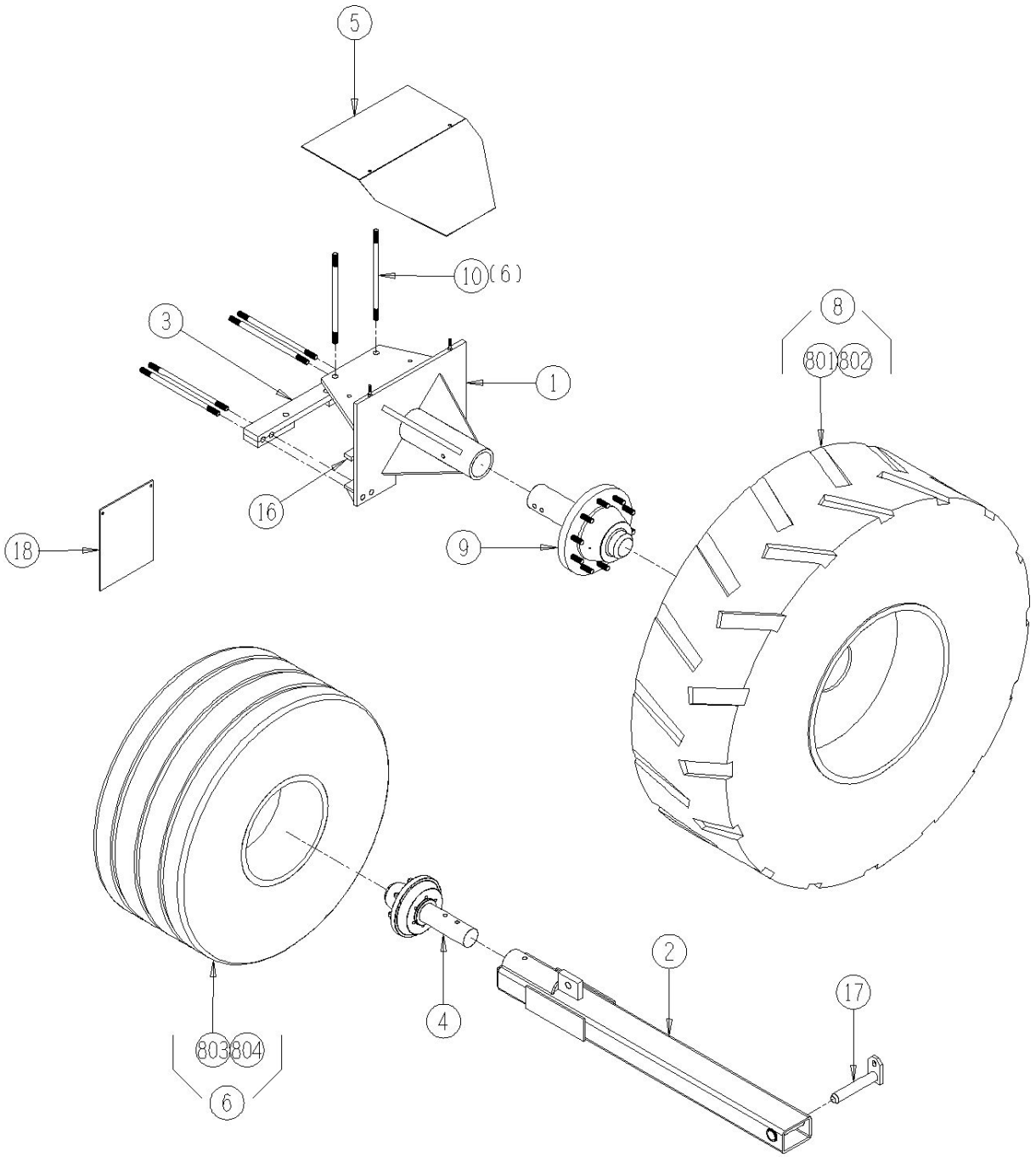


10010-01-62 Optional Single Wheel System Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	192-163	Cleaner bar bracket	-2	19101-	
1	WHA-1201	Wheel Axle, Single, Header Tom.	1		
2	WHA-1202	Wheel Axle, Single Tire, Sorter Side, 190 Tom.	1		
3	BAR-1201	Bar, Support, Single Tire, Header, Tom.	1		
4	WHL-3000-2	Hub Assembly, HD, Complete (includes spindle), Painted Red	1	WHL-3000	
5	SHD-1201	Shield, Single Wheel, Header, Tom.	1		
6	WHM-1202	Single Wheel System Tire and Rim (Right Side)	1	190	
8	WHM-1201	Single Wheel Tire and Rim (Under Header)	1	190	
9	WHL-1210	Hub and Spindle Assembly 10 Bolt	1		4' Spindle 18K Rated
10	BL-12-1600-SUS-G8	¾-10 x 16' Setup Stud 2' Min Thrd @ Ends, Gr8	6		
16	SPA-1203	Spacer, Bottom, Header Side, 190 Tom.	1		
17	191-1112	Axle Pin	1	19101-	
18	PL-1101	Plastic Cover	1	19501-	
19	HC-1132	Stroke Control Segment, 1 - 1 1/2' Segment	1		
100	BL-10-500-H	5/8-11 X 5 HEX CAP G5 ZC	1		
101	BL-10-600-H	5/8-11 X 6 HEX CAP G5 ZC	1		
102	BL-10-LN	5/8-11 HEX LN NE ZC	2		
103	BL-12-FW	¾' Flat Washer	12		
104	BL-12-LW	¾' Lock Washer	6		
105	BL-12-N	¾' Nut	12		
106	BL-6-FW	3/8 USS FW ZC	8		
107	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
108	BL-6-N	3/8-16 HEX NUTS ZC	2		
109	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	8		
110	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		
111	BL-8-FW	1/2 USS FW ZC	22		
112	BL-8-100-H	1/2-13 X 1 HEX CAP G5 ZC	6		
113	BL-8-LW	1/2 SPLIT LW ZC	6		

114	BL-8-SW-8	1/2 SAE FW G8 ZC	6
800	WHL-1210M	Spindle	1
801	WHL-2201	Wheel , 20 x 26' Dia with Straight Plate Center	1
802	WHT-2201	Tire, 23.1 B26, 12 Ply R1, Super Traction, Tubeless	1
803	WHL-2202	Wheel, 18 x 16.1' Dia with Straight Plate Center	1
804	WHT-2202	Tire, 21.5L x 16.1, 14 Ply Tubeless Farm Utility Tire	1

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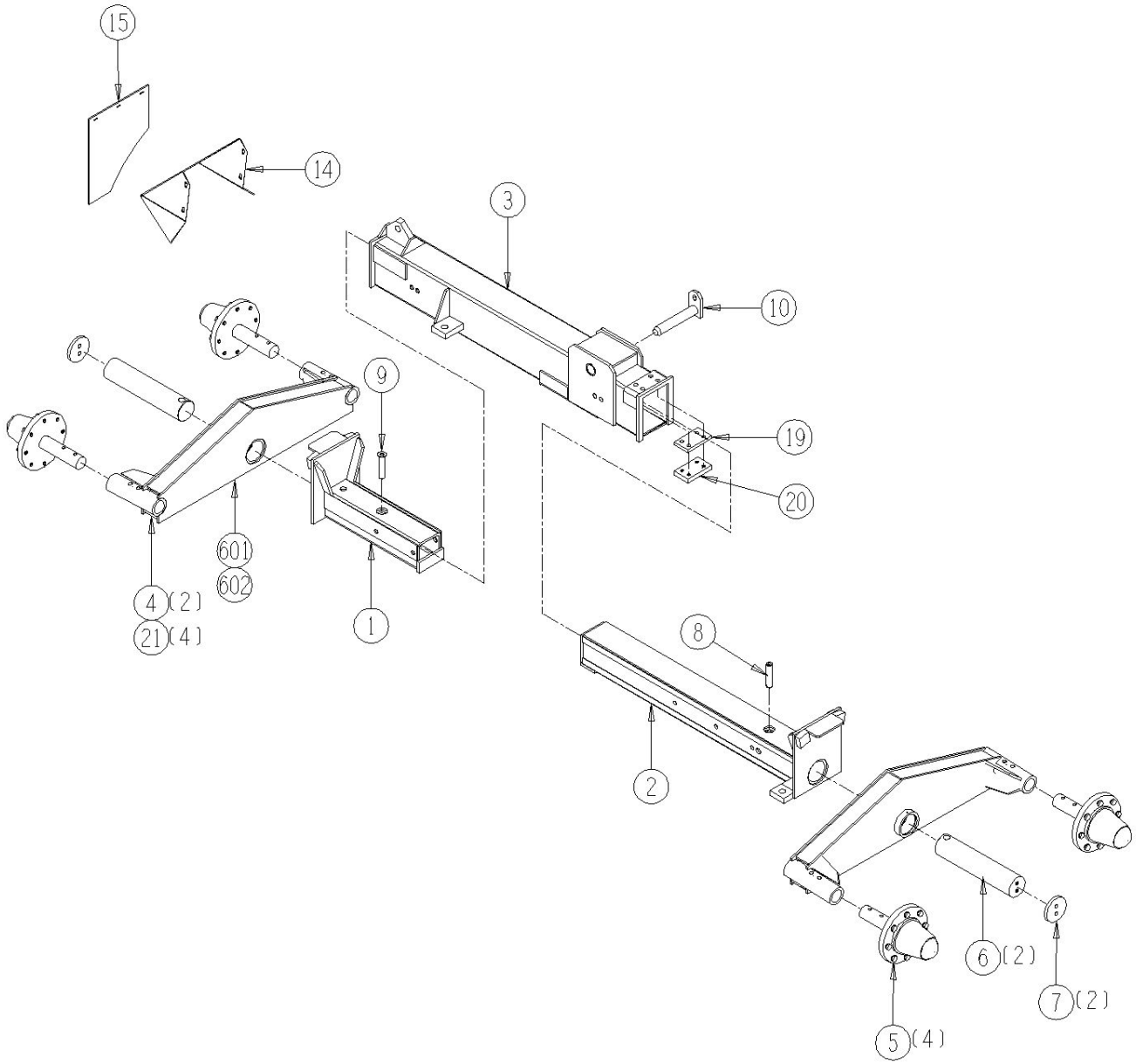


10010-01-63 Optional Tandem Extendable Axle Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	WHL-1139	Wheel, Sorter Side Ext, Extended Axle	1		
2	WHL-1136	Wheel, Inner Extension, Extended Axle	1	KIT-0016	
3	WHL-1132	Wheel, Main Axle Structure, Extended Axle	1	KIT-0016	
4	WHL-1121	Rocker, Big Wheel	2	WHL-1118 / WHL-1138 / WHL-1136	
5	WHL-1115	Complete Hub and Spindle Assembly	4	193-1109 / WHL-1121	
6	SFT-1118	Shaft, Rocker Mount, Big Wheel (Tomato)	2	KIT-1118	
7	SUP-1121	Support, Rocker, Big Wheel (Tomato)	2	KIT-1118	
8	PIN-104	Pin, Assy., Extended Axle Kit	1	KIT-0016	
9	PIN-105	Pin Assy, Extended Axle Pin, LH	1	KIT-0016	
10	191-1112	Axle Pin	1	19101-	
14	COV-1118	Cover, Level Cylinder	1		
15	BT-1118	Belting, Aftersort, 'Big Wheel' Kit	1		
19	SPA-1132	Spacer, Slider Block, Extended Axle	1	KIT-0016	
20	SPA-1136	Spacer, Block Tightener, Extended Axle	1	KIT-0016	
21	GF-1827-90	Grease Fitting 1/8 NPT x 90°	4		
22	PL-1101	Plastic Cover	1	19501-	
101	BL-10-150-H	5/8-11 X 1 1/2 HEX CAP G5 ZC	4		
102	BL-10-LW	5/8 SPLIT LW ZC	4		
103	BL-10-SW	5/8 SAE FW ZC @	4		
601	AC-2	1/8' NPT Coupler	2		
602	AN-2-CL	1/8' NPT Close Nipple	2		
800	WBR-1107K	Complete Wheel Bearing Kit	4	WHL-1115	All
801	WBR-1107A	Seal 1115 Series Hub	1	WHL-1115	
802	WBR-1107B	Inside Wheel Bearing	1	WHL-1115	
803	WBR-1107F	Inner cup	1	WHL-1115	
804	WBR-1107G	Outer cup	1	WHL-1115	
805	WBR-1107C	Outside Wheel Bearing	1	WHL-1115	
806	WBR-1107H	Washer	1	WHL-1115	

807	WBR-1107D	Nut 7/8-14	1	WHL-1115	
808	WBR-1107E	Cap	1	WHL-1115	
809	WBR-1107L	Wheel, Lug bolts	8	WHL-1115	
810	WBR-1108	Spindle for Machine Wheel	1	WHL-1115	Drilled

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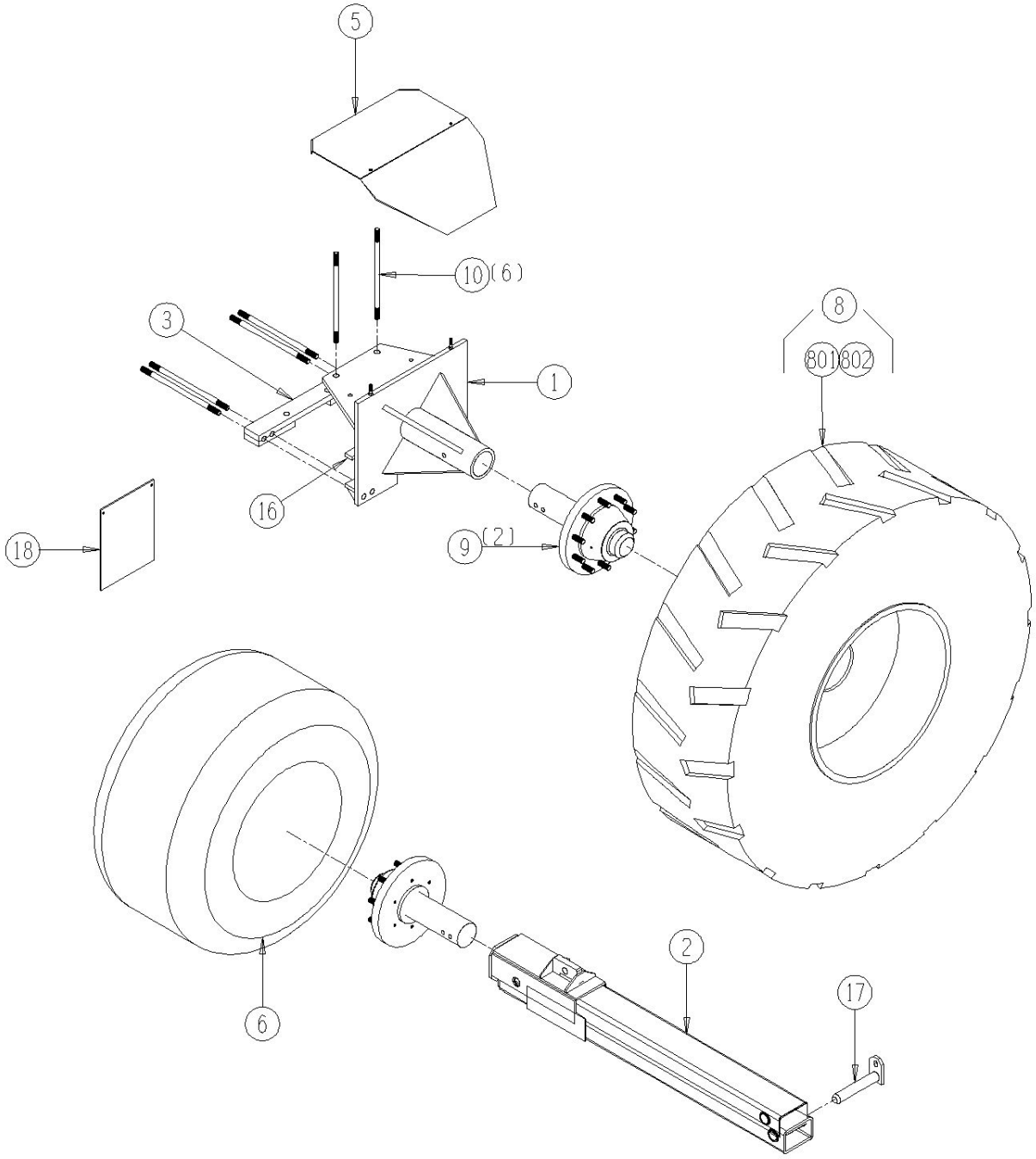


10010-01-64 Optional Single Wheel Axle, HD Right Side

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	192-163	Cleaner bar bracket	-2	19101-	
1	WHA-1201	Wheel Axle, Single, Header Tom.	1		
2	WHL-1212	Single Wheel Axle, 190 Harvester	1		
3	BAR-1201	Bar, Support, Single Tire, Header, Tom.	1		
5	SHD-1201	Shield, Single Wheel, Header, Tom.	1		
6	WHM-1520	560/45-22.5, RideMaxx Tire, Mounted	1		
8	WHM-1201	Single Wheel Tire and Rim (Under Header)	1	190	
9	WHL-1210	Hub and Spindle Assembly 10 Bolt	2		4' Spindle 18K Rated
10	BL-12-1600-SUS-G8	¾-10 x 16' Setup Stud 2' Min Thrd @ Ends, Gr8	6		
16	SPA-1203	Spacer, Bottom, Header Side, 190 Tom.	1		
17	191-1112	Axle Pin	1	19101-	
18	PL-1101	Plastic Cover	1	19501-	
19	HC-1132	Stroke Control Segment, 1 - 1 1/2' Segment	1		
100	BL-10-500-H	5/8-11 X 5 HEX CAP G5 ZC	1		
101	BL-10-600-H	5/8-11 X 6 HEX CAP G5 ZC	1		
102	BL-10-LN	5/8-11 HEX LN NE ZC	2		
103	BL-12-FW	¾' Flat Washer	12		
104	BL-12-LW	¾' Lock Washer	6		
105	BL-12-N	¾' Nut	12		
106	BL-6-FW	3/8 USS FW ZC	8		
107	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
108	BL-6-N	3/8-16 HEX NUTS ZC	2		
109	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	8		
110	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		
111	BL-8-FW	1/2 USS FW ZC	22		
112	BL-8-100-H	1/2-13 X 1 HEX CAP G5 ZC	6		
113	BL-8-LW	1/2 SPLIT LW ZC	6		
114	BL-8-SW-8	1/2 SAE FW G8 ZC	6		

800	WHL-1210M	Spindle	1
801	WHL-2201	Wheel , 20 x 26' Dia with Straight Plate Center	1
802	WHT-2201	Tire, 23.1 B26, 12 Ply R1, Super Traction, Tubeless	1

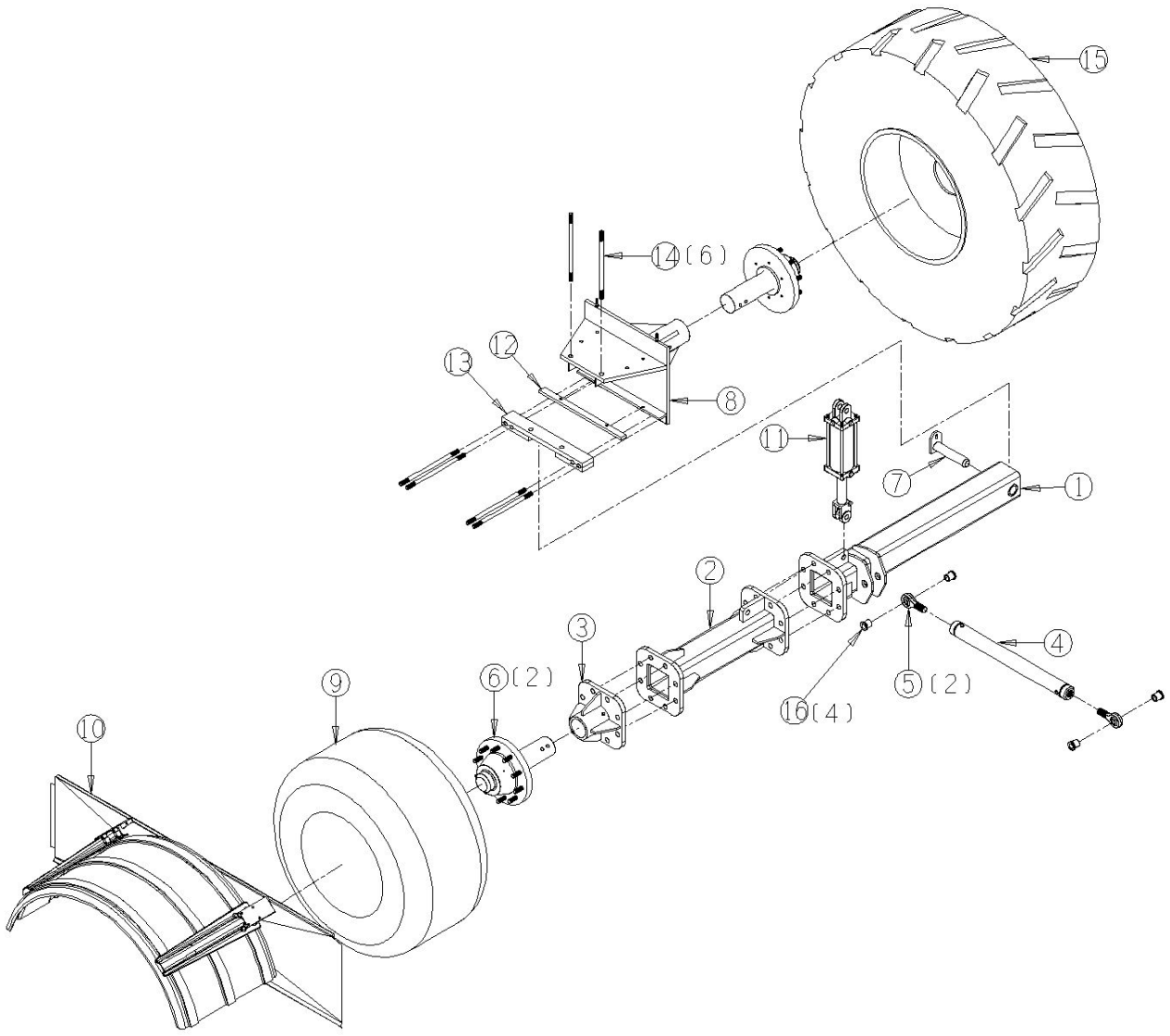
10010-01-64



10012-01-65 Extendable Single Wheel Axle,HD Right Side,Modular Extension

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
	BAR-0172	Flow Control Panel Mount, 190 Tomato	1		
	SHD-1201	Shield, Single Wheel, Header, Tom.	1		
1	FRM-1020	Extendable Axle, Tomato Harvester, 2012	1		
2	FRM-1021	Extendable Axle, 30' Extension, 2012	1		
3	FRM-1022	Extendable Axle, Spindle Mount, 2012	1		
4	WHL-9001	Stabilizer Arm,Axle 190 Tomato Harvester	1		
5	HA-2012	Rod End, 1 1/4-12 male RH HD	2		
6	WHL-1210	Hub and Spindle Assembly 10 Bolt	2		4' Spindle 18K Rated
7	191-1113	Axle Pin	1		will fit 2012-
8	WHA-1201	Wheel Axle, Single, Header Tom.	1		
9	WHM-1520	560/45-22.5, RideMaxx Tire, Mounted	1		
10	SHD-1018	Shield, 190 Extendable Axle, Sorter Side	1		
11	HC-400-08	Tie Rod Cylinder, 4' x 8', #8 SAE Port	1		Seal Kit Part No. HC-400-08-SK (PMCK-B400000)
12	SPA-1203	Spacer, Bottom, Header Side, 190 Tom.	1		
13	BAR-1201	Bar, Support, Single Tire, Header, Tom.	1		
14	BL-12-1600-SUS-G8	¾-10 x 16' Setup Stud 2' Min Thrd @ Ends, Gr8	6		
15	WHM-1201	Single Wheel Tire and Rim (Under Header)	1	190	
16	SPA-9002	Spacer, Axle, 240 Tomato Harvester	4		
17	HC-1132	Stroke Control Segment, 1 - 1 1/2' Segment	1		
100	BL-16-350-8-F	1'-14 x 3 1/2' Hex Head Screw, Fine Thread, G8	16		
101	BL-16-800-8	1' x8', HH C/S G8 ZC	2		
102	BL-16-FW-8	1' Gr 8 Flat Washer	36		
103	BL-12-FW	¾' Flat Washer	12		
104	BL-12-LW	¾' Lock Washer	6		
105	BL-12-N	¾' Nut	12		
106	BL-16-LN-8	1' Hex LN ZC, Grade 8	2		
107	BL-16-LN-8-F	1'-14 Gr 8 Lock Nut, Fine Thread	16		
108	BL-20-JN	1 1/4' UNC FIN HEX JAM NUT A563 GrA ZINC	2		

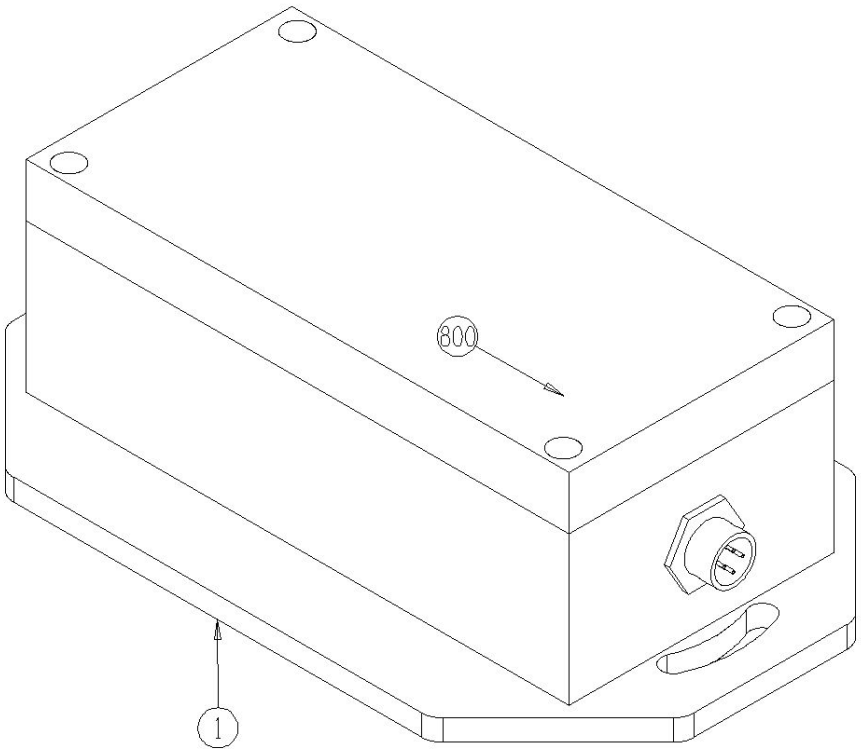
10012-01-65



10010-01-68 Optional Automatic Leveling Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	ELS-1256	Machine Leveler, Complete	1	190 & HC290	Use ELS-1253
601	A-6900-8-6	8 SAE x 3/8” FPX With 7/8” Stock Body	2	20095001-	
602	A-6901-8-6	8 SAE x 3/8” FPX90°, Forged	2	20095001-	
603	H4-240-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 240 in long	1		
604	H4-248-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 248 in long	1		
605	HC-350-0808	Hydraulic Cylinder 3 1/2” x 8” #8 SAE Ports	1		Seal kit for Lion, HC-350-125
800	DC-191-LV	Decal, Level Control Box, Tomato, '97	1		

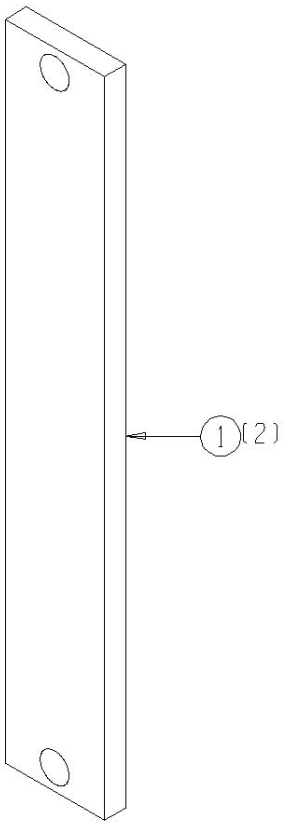
10010-01-68



10010-01-69 Axle Leveling Bars

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	POS-1131	Post, Leveling Bars	2		

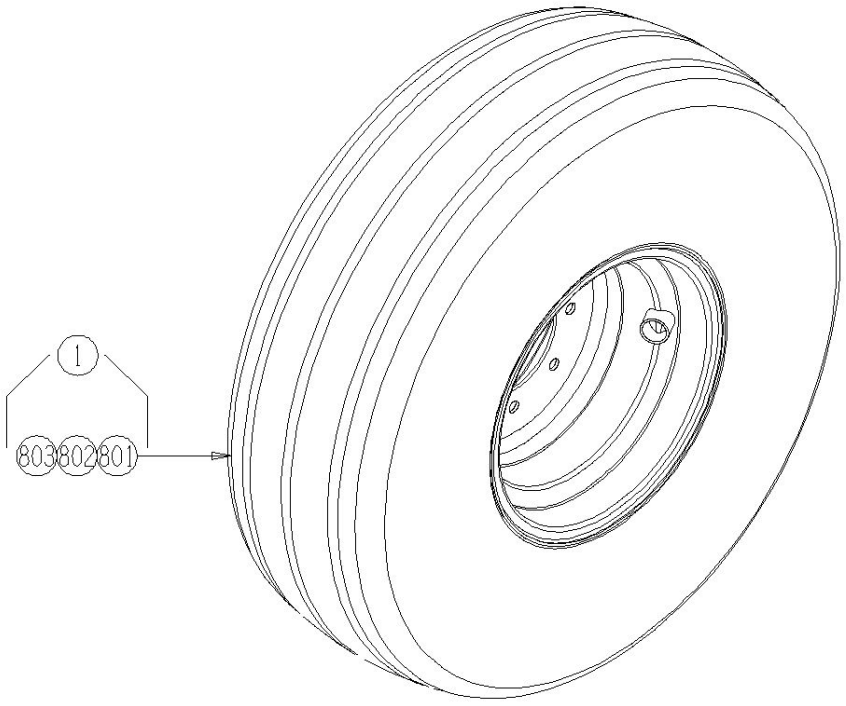
10010-01-69



10010-01-70 Standard Axle Tire & Wheel Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	WHM-1100	Mounted Tire Tube/ Wheel Assembly for 12.5 L15 14 ply Tire	4	190, 6000, 6200	
801	WHT-1121	12.5 L15 14 ply McCreary Tire	1	19101	
802	WHT-1122	12.5 x L15 Tube (Heavy Duty)	1	19101	
803	WHT-1123	10 x 15 8 lug Rim	1	19101	8-8-6

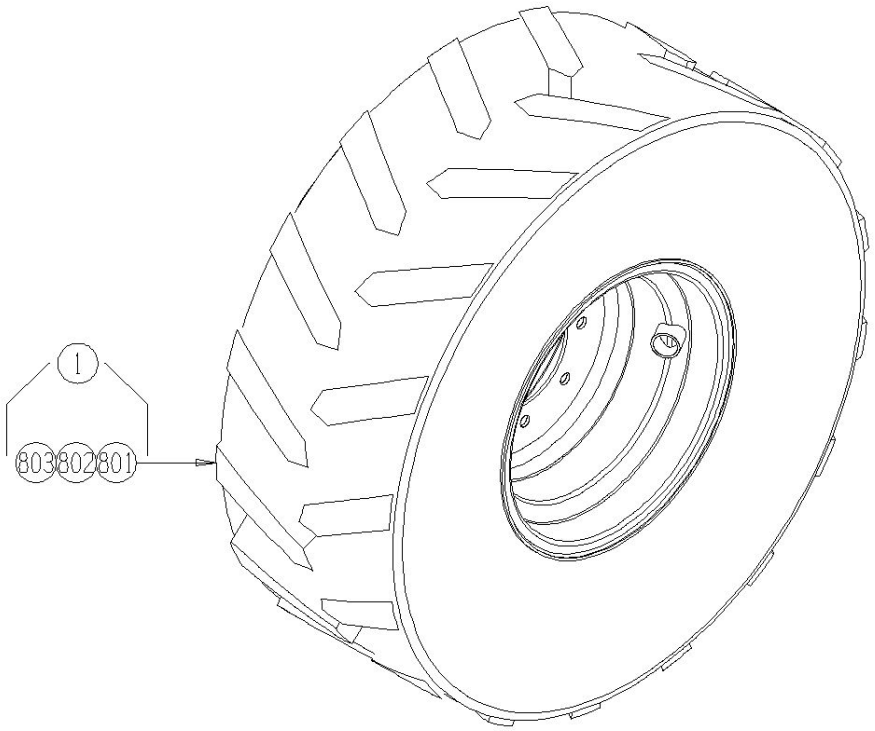
10010-01-70



10010-01-71 Standard Axle Bar Tire & Wheel Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	WHM-1125	Mounted Small Bar Rim/Tire/Tube	4	190	
801	WHT-1122	12.5 x L15 Tube (Heavy Duty)	1	19101	
802	WHT-1123	10 x 15 8 lug Rim	1	19101	8-8-6
803	WHT-1125	Goodyear Sure Grip Traction Implement Tire 12 ply	1		

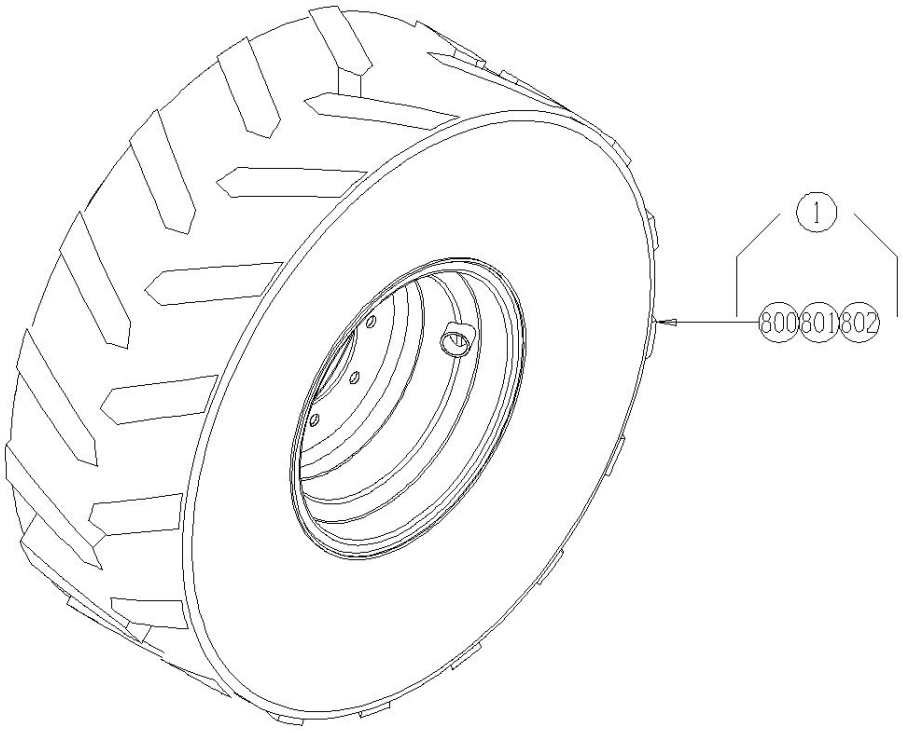
10010-01-71



10010-01-72 Optional Tandem Bar Tire Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	WHM-1135	Mounted 16.1 x 16.5L Traction Tire for 190's (tubeless)	4	190	
800	WHT-1136	Heavy Duty Tube for 16.5L x 16.1 Tire	1		
801	WHT-1135	16.5L x 16.1 10 ply Traction Implement Tire	1		
802	WHL-1123	16.1 x 14 Big Wheel Rim for 190's	1		Replaces WHL-3007 (Tomato)

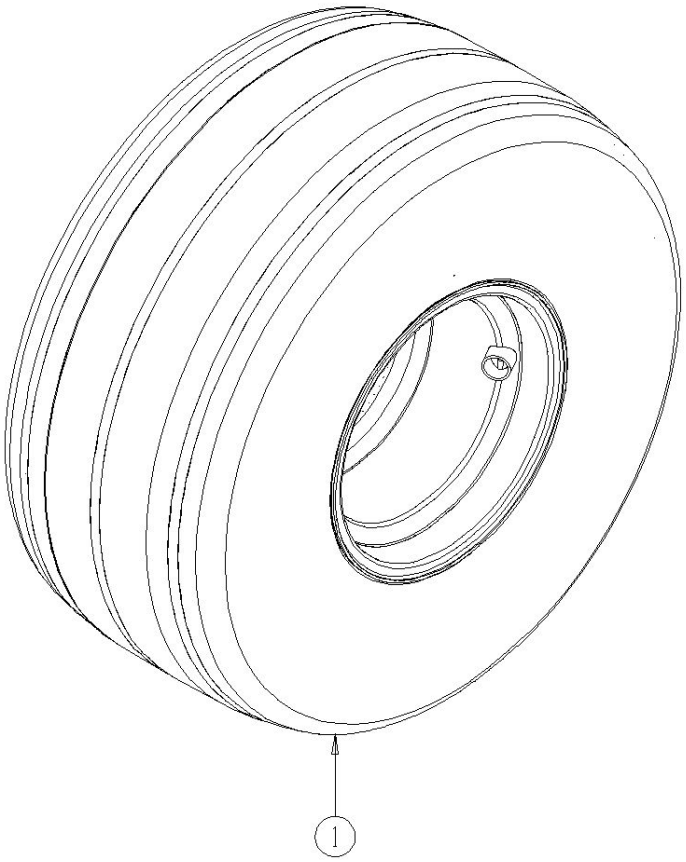
10010-01-72



10010-01-73 Optional Tandem 15 x 16 Implement Tire Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	WHM-1516	Aircraft Tire & Wheel Assembly Ext. Axle Pepper	4	10101002 & 10108001	

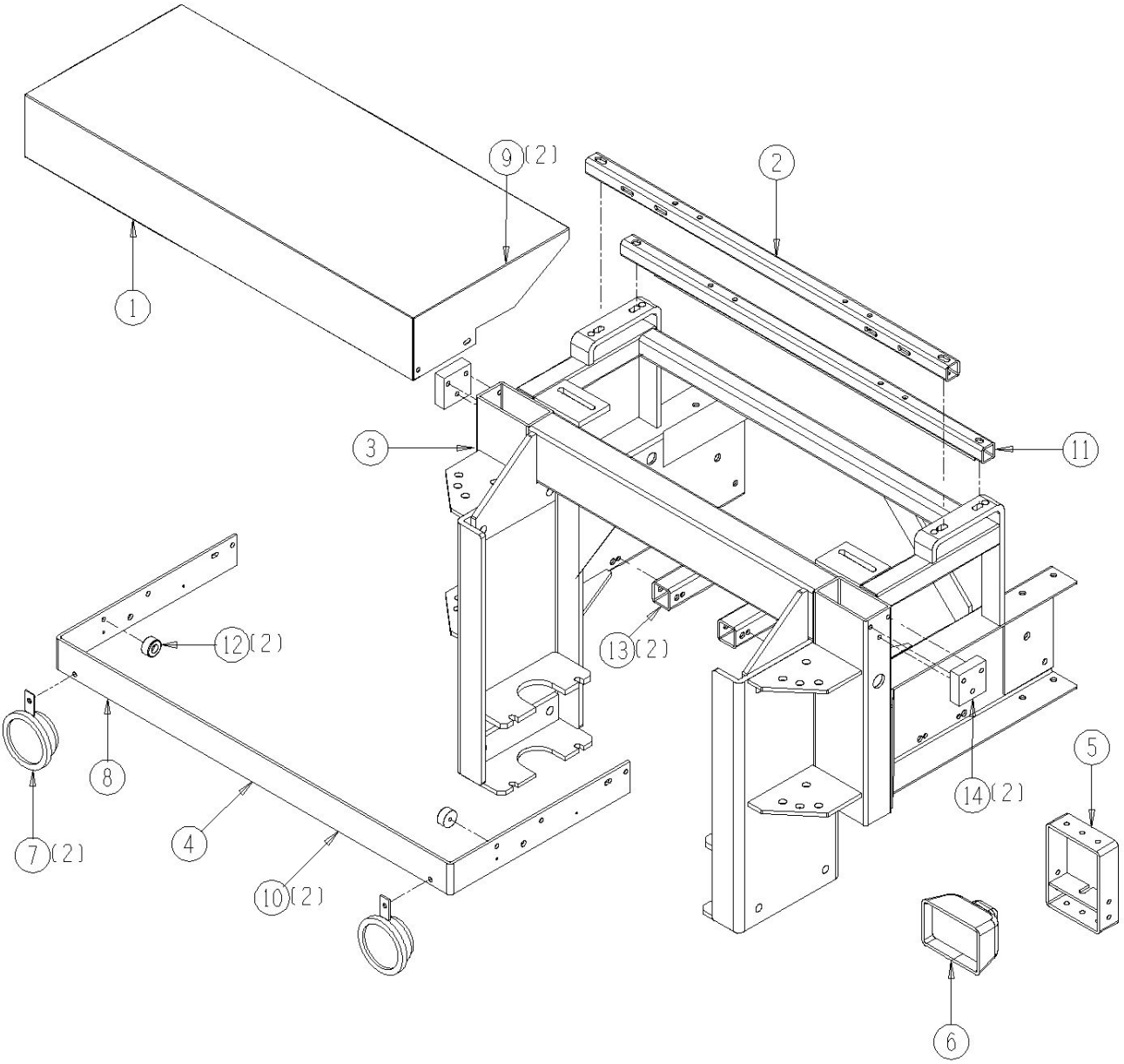
10010-01-73



10010-02-01 Disk Header Frame Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	192-139	Shield, Disk Header Cover (Tomato)	1	19201-	
2	MOU-2201	Mount Tube,Top Bearing W/ Spacer Blocks Disk Header,190	1		
3	FRM-0072	Frame,Disk Header,Lowered Bearing,190 Harvester	1		
4	192-139A	Safety Bar	1	19201-	
5	SHD-1206	Shield, Flashing Light	1	30097001- 19601-	
6	EL-1206	Double Amber Lamp	1		
7	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	2		Replaces EL-1201
8	DC-1184	Danger Decal, 3' x 16'	1		
9	DC-1176	Decal, Danger-Hand Chain Sprockets	2		
10	DC-ARROW	Decal,Yellow Direction Arrow	2		
11	MOU-2202	Mount,Disk Header Motor Rear, W/Spacer Blocks	1		
12	194-1418	Rubber Bumper	2	19401	
13	MOU-2200	Bearing Spacer Tube Gathering Chain Drive,190	2		
14	SPA-0074	Spacer, Disk Head,190 Tomato Harvester	2		

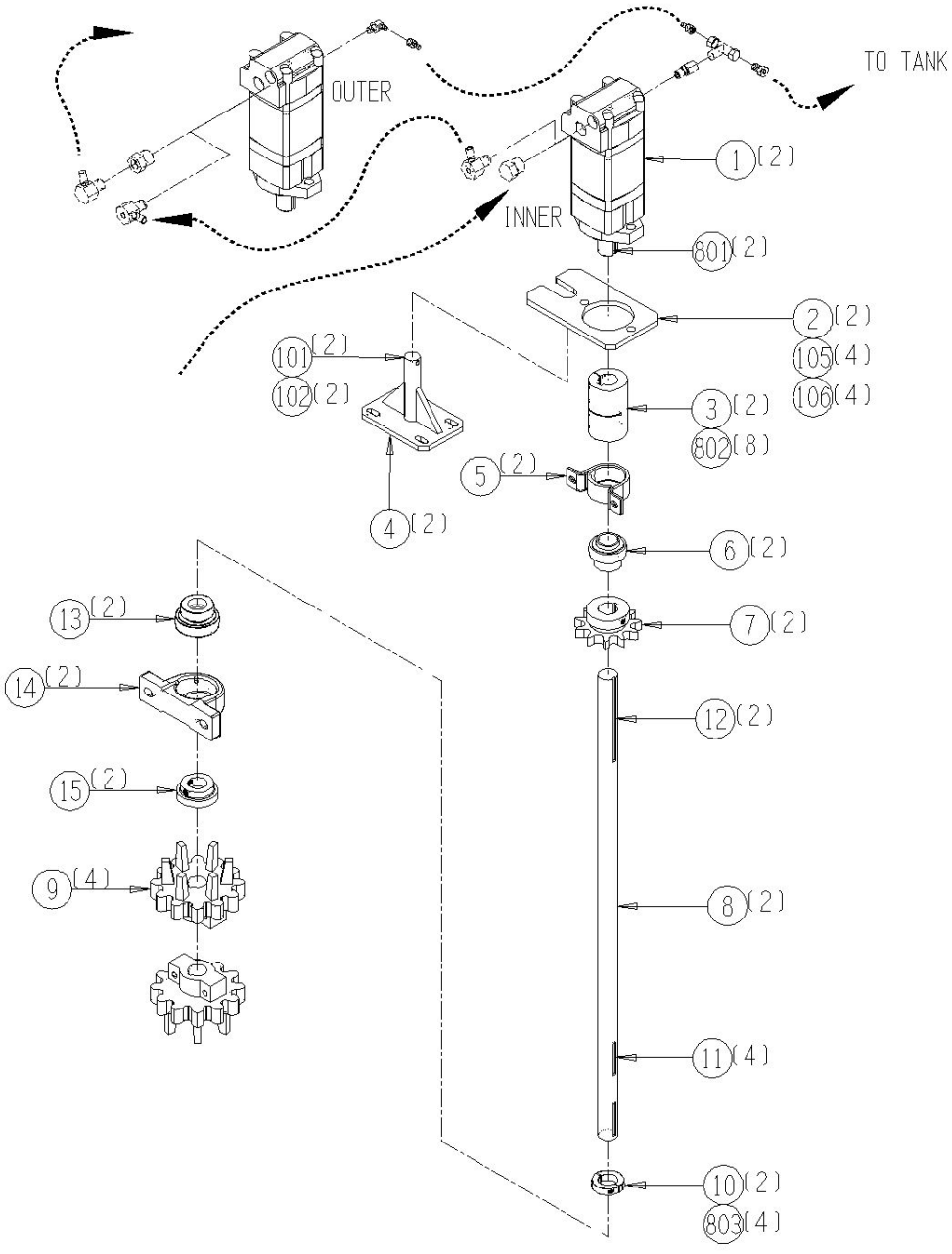
10010-02-01



10010-02-02 Disk Header Drive Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	HM-1420-CH	Char Lynn Motor	2		
2	ARM-1228	Arm, Mount, Motor Mounting Pad, High Tor. Motors	2		
3	CPS-6057	Coupler, Solid, 1.25', Cucumber & Tomato	2		This Replaces CPS-6056.
4	STP-1228	Stop, Motor, Arm Mounted, High Tor. Motors	2		
5	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	2		
6	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
7	SP-80B11-20-5	Hardened Tooth Sprocket, #80, 11 Tooth, 1.25' Bore with 5/16' Keyway	2		
8	194-155	Shaft, Gathering Chain	2		
9	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4' key	4		Sub SP-3612-20-4
10	SC-20-2	Shaft Collar, 2 piece 1 1/4' bore	2		
11	KEY-4-4-32	Shaft Key 1/4' x 2' Square Cut (1018)	4		
12	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	2		
13	BR-072-RAK	72mm Cast Housing	2		
14	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
15	BR-12572-LC	1 1/4' Locking Collar - Bearing Protector	2		
101	BL-5-150-H	5/16-18 X 1 1/2 HEX CAP G5 ZC	2		
102	BL-5-LN	5/16-18 HEX LN NE ZC	2		
105	BL-8-175-H8	1/2 x 1 ¾',Grade 8,Hex Head	4		
106	BL-8-LNS	1/2 Stover Lock Nut	4		
801	KEY-5-5-20	Shaft Key 5/16' sq x 1 1/4' Square Cut (1018)	2		
802	BL-5-125-SCF	5/16 - 24 x 1 1/4', Socket Head Cap Screw	8		
803	BL-4-075-SCS	1/4-28 x ¾' Socket Head Cap Screw	4		

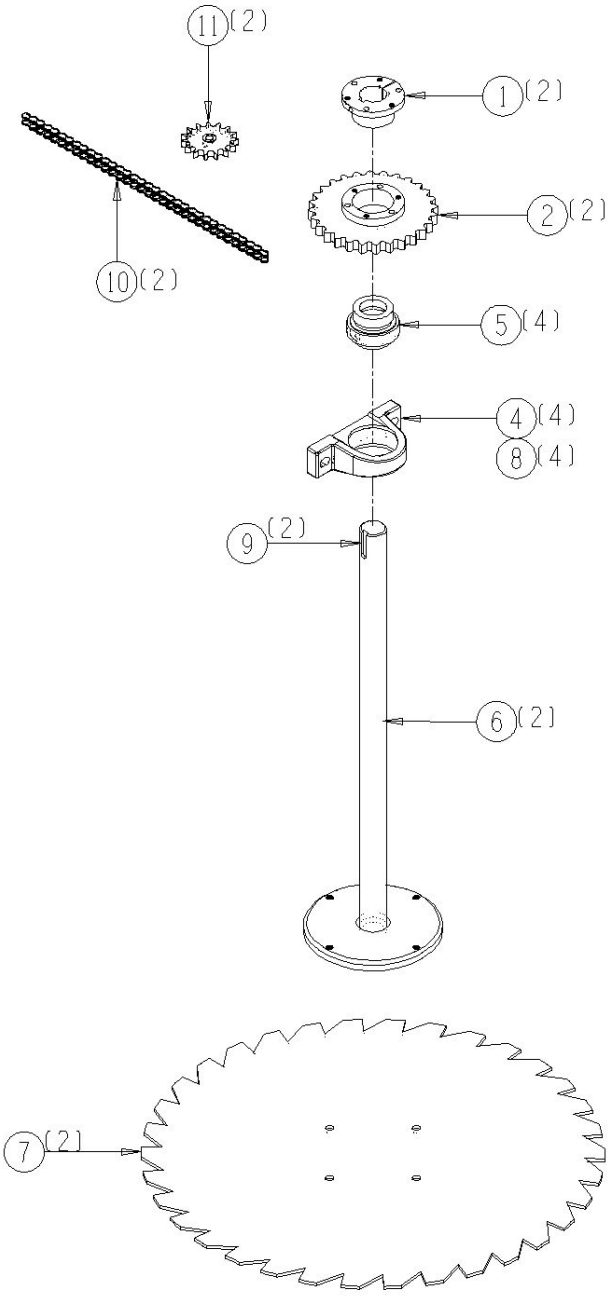
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10010-02-03 Disk Header 34” Disk Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	SP-SF-2	SF-2” Bushing	2		
2	SP-80SF28	Hardened Tooth Sprocket, #80, 28 Tooth, Uses SF Bushing	2		
4	BR-100-RAK	Bearing Housing 100 mm	4	11001	
5	BR-200-100I	Bearing, 2” ID, TS	4		Replaces BR-200-100
6	191-131	Shaft, Disk	2		
7	HD-140-34-34	Header Disk, 34”,34 Notches, AR400	2		
8	GF-1428	Grease Fitting 1/4” x 28 straight	4		
9	KEY-8-8-40	Shaft Key 1/2” x 1/2” x 2 1/2”	2		
10	CH-80-51	Roller Chain #80 51 Pitches Disk Header (Tomato)	2		
11	SP-8012-T	#80 Idler Sprocket	2		
100	BL-8-100-H	1/2-13 X 1 HEX CAP G5 ZC	8		
101	BL-8-LW	1/2 SPLIT LW ZC	8		
102	BL-8-SW	1/2 SAE FW ZC	8		
103	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
800	BL-5-200-8T	5/16-18 x 2 Grade 8 Tap Bolt	6		

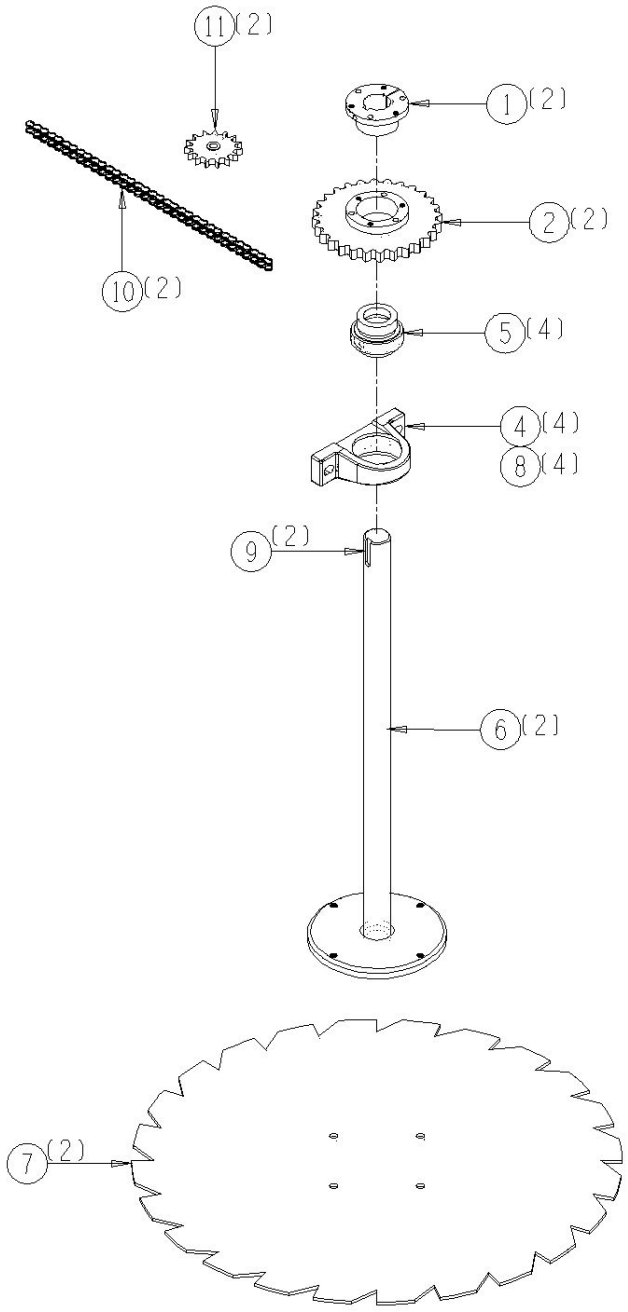
10010-02-03



10010-02-04 Disk Header 36” Disk Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	SP-SF-2	SF-2” Bushing	2		
2	SP-80SF28	Hardened Tooth Sprocket, #80, 28 Tooth, Uses SF Bushing	2		
4	BR-100-RAK	Bearing Housing 100 mm	4	11001	
5	BR-200-100I	Bearing, 2” ID, TS	4		Replaces BR-200-100
6	191-131	Shaft, Disk	2		
7	HD-140-06	36” Header Disk	0		MADE FROM AR 400
8	GF-1428	Grease Fitting 1/4” x 28 straight	4		
9	KEY-8-8-40	Shaft Key 1/2” x 1/2” x 2 1/2”	2		
10	CH-80-51	Roller Chain #80 51 Pitches Disk Header (Tomato)	2		
11	SP-6015-T	Idler, # 60 Roller Chain Adjuster	2	19201	
100	BL-8-100-H	1/2-13 X 1 HEX CAP G5 ZC	8		
101	BL-8-LW	1/2 SPLIT LW ZC	8		
102	BL-8-SW	1/2 SAE FW ZC	8		
103	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
800	BL-5-200-8T	5/16-18 x 2 Grade 8 Tap Bolt	6		

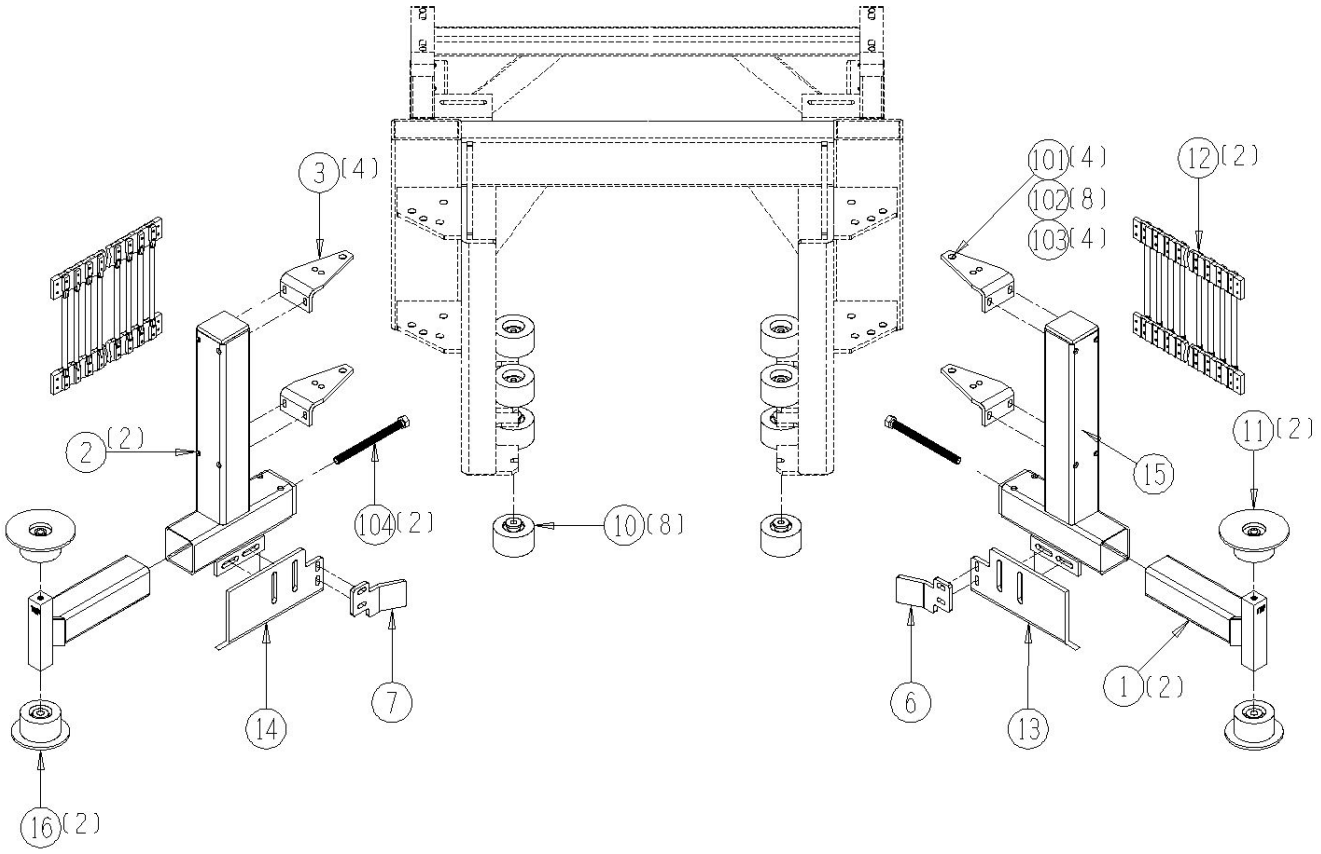
10010-02-04



10010-02-05 Disk Header Gathering Chain Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	ADJ-155	Adjuster, Nose Tightener, Gathering Chain	2		
2	BRA-1821	Gathering Chain Bracket	2		
3	BRA-1811	Mounting Bracket, Gathering Chain	4		
6	SCR-8204	Scraper, Left Side, Hub, HC290	1		
7	SCR-8205	Scraper, Right Side, Hub, HC290	1		
10	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2" bore, no flange	8		
11	RLT-635-2210-RV	6" Flange Roller 2.2WF 3.5 Dia, 5/8" Bore w/Inverted Spindle	2		
12	BC-6-1236-60	Gathering chain, 3/8 bars 12in wide x 60 links 36mm	2		
13	SCR-164	Scraper, Upper, Outer, Disk Header	1		
14	SCR-162	Scraper, Upper, Inner, Disk Header	1		
15	DC-3026	Orange Reflective Tape @ 50ft Roll	1		
16	RLT-535-2210-RV	5" Flange Roller 2.2 WF 3.5 dia, 5/8" bore w/ Inverted Spindle	2		
101	BL-10-200-H	5/8-11 X 2 HEX CAP G5 ZC	4		
102	BL-10-SW	5/8 SAE FW ZC @	8		
103	BL-10-LN	5/8-11 HEX LN NE ZC	4		
104	BL-10-800-T	5/8-11 X 8 HEX TAP G8 ZC	2		
105	BL-10-N	5/8-11 HEX FIN NUTS ZC	2		
106	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	8		
107	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		
108	BL-8-SW	1/2 SAE FW ZC	16		
800	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head	16		
801	BC-6-12-ST	3/8" x 12" Belted Chain Rod for 50mm Belt	4	1910119320	
802	BC-BP20-10-T	20mm Backing Plates /10-32 T Nuts	8		
803	BC-1032-TN	10-32 T Nuts	16	11001	

10010-02-05

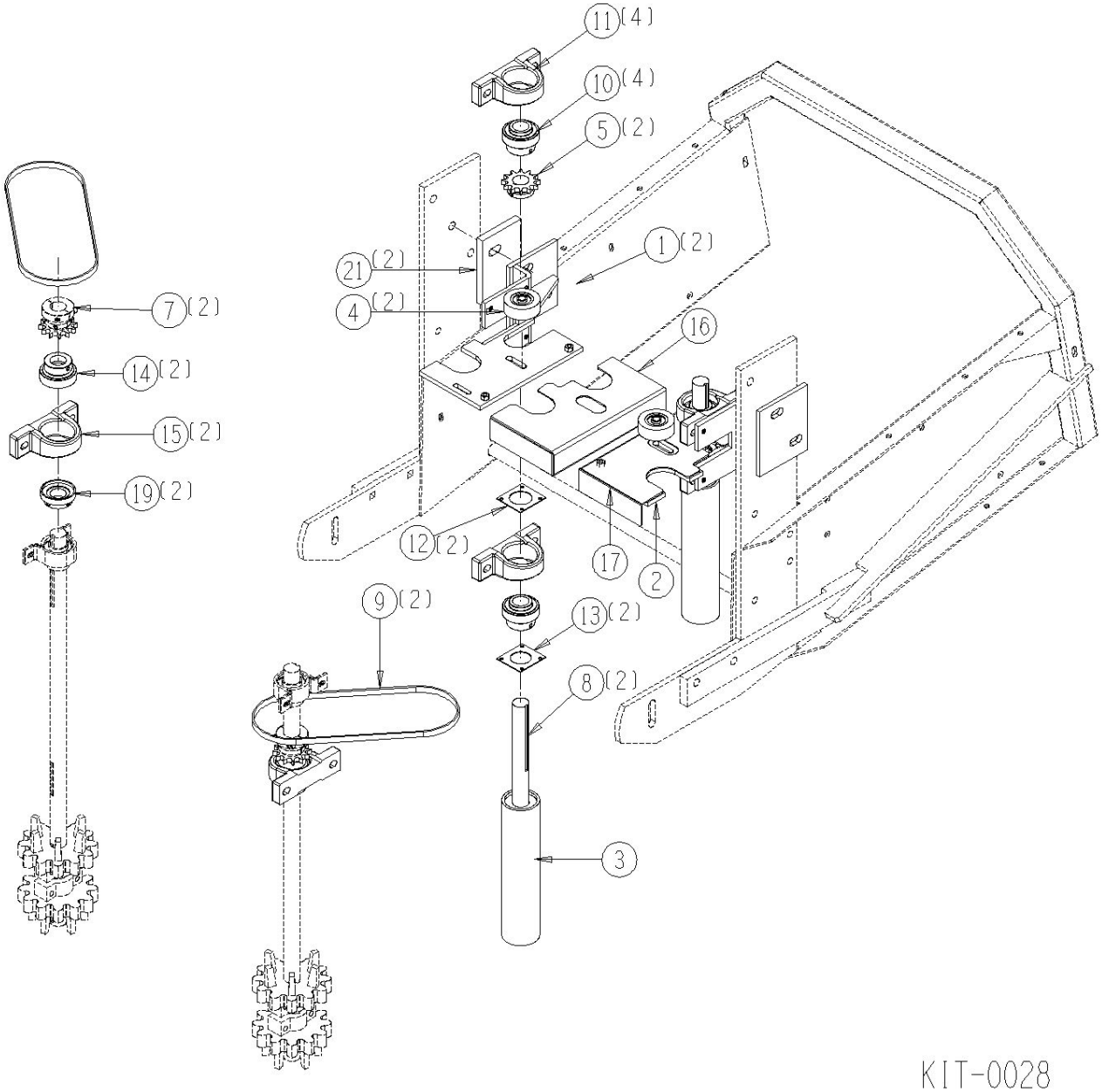


10010-02-06 Optional Gathering Chain Roller Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0028	Gathering Chain Roller Kit	0		Rollers behind gathering chains give better protection from wrapping.
1	MOU-1314	Mount, RH, Plate, Gathering Chain Roller	1		
2	MOU-1315	Mount, LH, Plate, Gathering Chain Roller	1		
3	RLP-1300	Roller, Gathering Chain	2	KIT-0028	
4	RLT-027-108	Roller 2.75' dia. 1/2' Bore	2		2755C1X (Old Number, Single Bearing)
5	SP-50B12-20-4	Hardened Tooth Sprocket, #50, 12 Tooth, 1.25' Bore	2	19201-	
7	SP-50B12-20-S	Split Sprocket, 12 Tooth, #50, 1-1/4 bore	2	Kit-0028	
8	KEY-4-4-16	Shaft Key 1/4' X 1/4' X 1' Square Cut (1018)	2	20095001-	
9	CH-50-27	Roller Chain, 27 pitches, #50, Gathering Chain Roller	2	Kit-0028	
10	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	4		
11	BR-062-MPB	Stamped Bearing Housing for 1 1/4' bearing	4		
14	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
15	BR-072-RAK	72mm Cast Housing	2		
16	SHD-1308	Shield, Right Gathering Roller, 190	1		
17	SHD-1309	Shield, Left Gathering Roller, 190	1		
19	BR-12572-LC	1 1/4' Locking Collar - Bearing Protector	2		
21	SPA-1309	Spacer, Gathering Chain Rollers, 190	2		
100	BL-6-075-H	3/8-16 X ¾ HHCS G5 ZC	8		
101	BL-6-LW	3/8 SPLIT LW ZC	18		
102	BL-6-N	3/8-16 HEX NUTS ZC	4		
103	BL-6-FW	3/8 USS FW ZC	4		
104	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2		
105	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	4		
106	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	2		
107	BL-10-250-H	5/8-11 X 2 1/2 HEX CAP G5 ZC	8		
108	BL-10-FW-8	5/8' Grade 8 Flat Washer	20		
111	BC-1032-LN	10-32 lock nuts	8		
112	BL-10-300-H	5/8-11 X 3 HEX CAP G5 ZC	4		

112	BL-1032-175P	10/32 x 1 ¾' Pan Head, Phillips Machine Screw	8
113	BL-6-SW	3/8 SAE FW ZC	8
114	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	2
115	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4
116	BL-6-175-C	3/8 UNC X 1 ¾ CARRIAGE BOLT GR5 ZINC	4
117	BL-10-LN	5/8-11 HEX LN NE ZC	12
118	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	18
119	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4

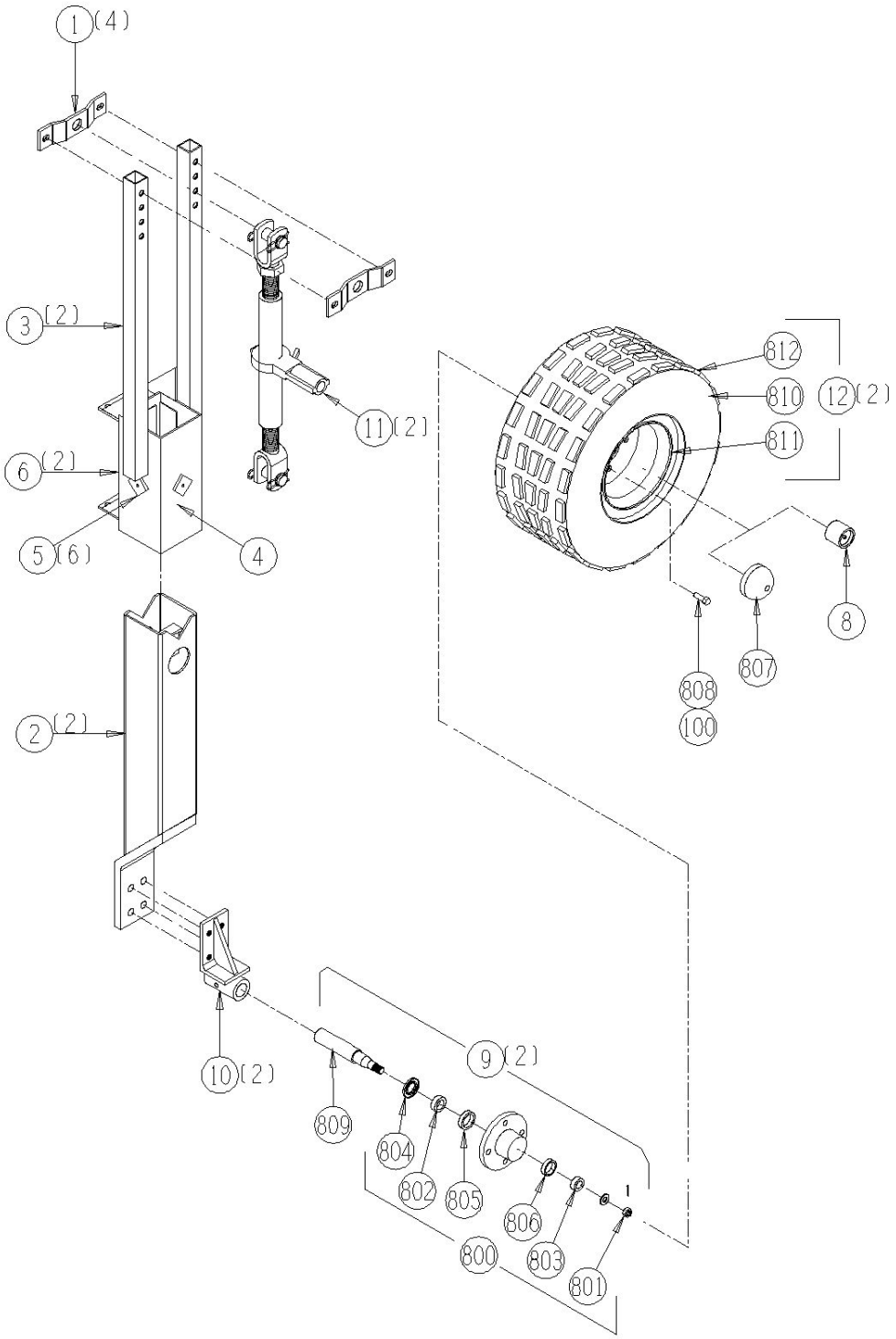
10010-02-06



10010-02-07 Optional Disk Header Gauge Wheel Assembly-Manual

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	193-188	Adjuster, Gauge Wheels	4	19301-	
2	194-186	Gauge Wheel, Inner slider	2	19201-	
3	194-187	Gauge Wheel, Outer Frame	2	19201-	
4	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.03		
5	GF-1428	Grease Fitting 1/4” x 28 straight	6		
6	GF-1428-90	Grease Fitting 1/4” x 28 90	2		
8	WHL-178	Bearing Protector @Pair	1		
9	WHL-190	Gauge Wheel Hub and Spindle Complete	2		
10	WHL-1941	Wheel, Spindle Holder, Gauge Wheel, 190	2		Replaces WHL-191 for tomato machine
11	TL-1541	Top Link Ratchet Handle 20-28in.	2	TL-1541	
12	WHL-194	Mounted gauge wheel, including tube.	2		
100	BL-8-NF	1/2-20 HEX FIN NUTS ZC	8		
800	WBR-199K	Gauge Wheel Bearing Kit	1	WHL-190	Includes seal, inner and outer bearings and cones
801	WBR-199E	Spindle Nut	1	WHL-190	
802	WBR-199C	Inner Bearing	1	WHL-190	
803	WBR-199D	Outer Bearing	1	WHL-190	
804	WBR-199F	Seal	1	WHL-190	
805	WBR-199H	Cup	1	WHL-190, WHL-4000	
806	WBR-199I	Outer cup	1	WHL-190	
807	WBR-199G	Hub cap	1	WHL-190	
808	WBR-199L	Lug Bolt for Gauge Wheel	8	WHL-190	
809	WBR-199S	Gauge Wheel Spindle Only	2	WHL-190	w/ WHL-191 replaces WBR-199A
810	WHL-195	Gauge Wheel Tube	2		
811	WHL-197	Gauge Wheel Rim for WHL-194	2	19201	
812	WHL-198	Gauge Wheel Tire	2	19201	

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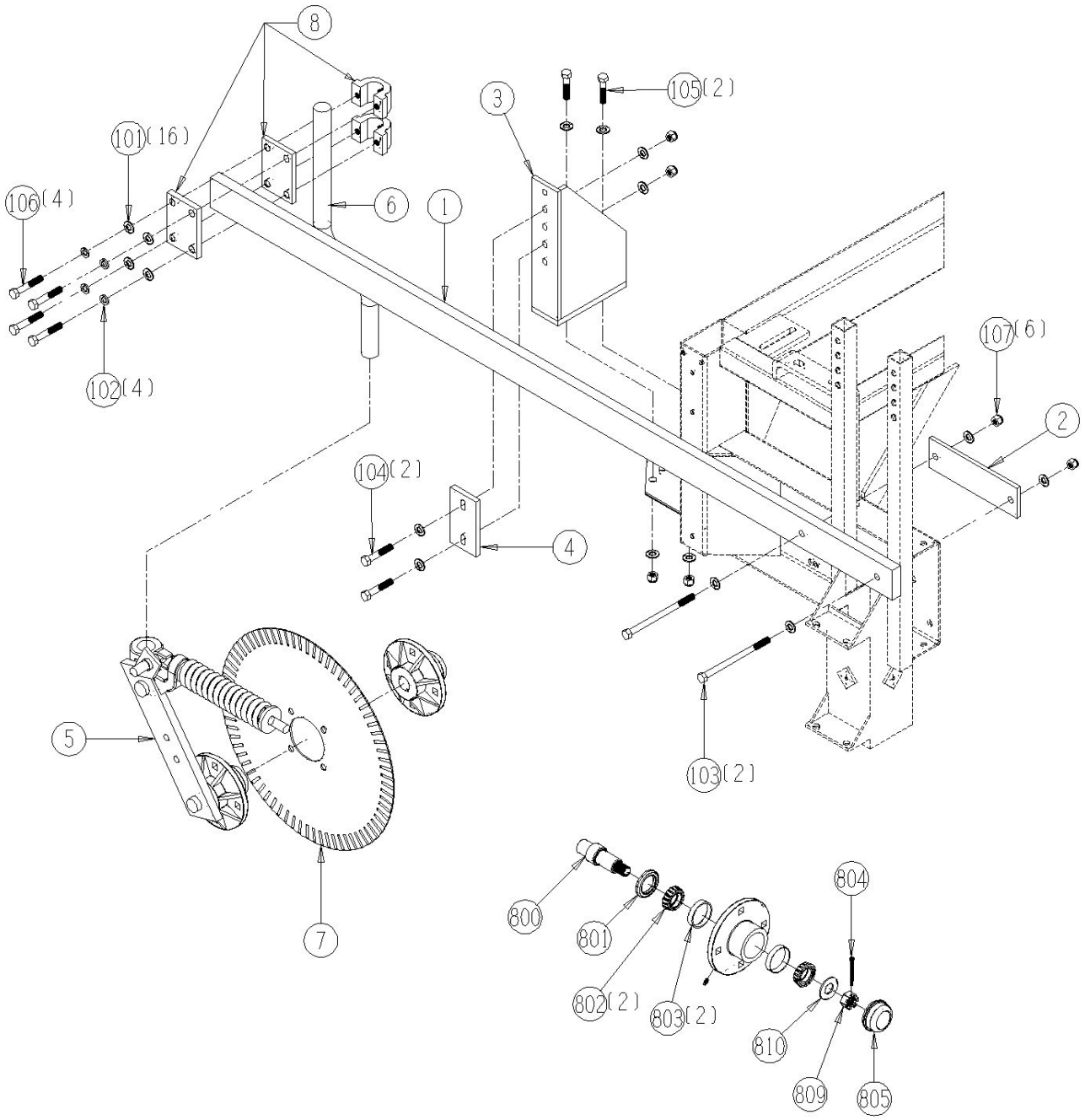

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801

10010-02-08 Optional Disk Header Coulter Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-135	Coulter Kit for Tomato Harvester	0		
1	MOU-135	Mount, Support, Coulter Kit (Tomato)	1	KIT-135	
2	BRA-135	Bracket, Mount Support, Coulter Mount (Tomato)	1	KIT-135	
3	SUP-135	Support, Mount Coulter Kit (Tomato)	1	KIT-135	
4	BAR-135	Bar, Mount Support, Coulter Mount (Tomato)	1	KIT-135	
5	CLT-324L	Utility Coulter	1		Refer to manufacturer's literature.
6	CLT-132C	Offset Shank	1		Refer to manufacturer's literature.
7	CLT-074C	Narrow Fluted Blade	1		Refer to manufacturer's literature.
8	CLT-064K	3” x 3” Clamp Kit	1		Refer to manufacturer's literature.
101	BL-8-SW	1/2 SAE FW ZC	16		
102	BL-8-LW	1/2 SPLIT LW ZC	4		
103	BL-8-750-H	1/2 x 7 1/2 HEX BOLT	2		
104	BL-8-275-H	1/2 UNC X 2 ¾ HH C/S BOLT GR5 ZINC	2		
105	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	2		
106	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	4		
107	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
800	CLT-0060	Spindle	1		
801	CLT-0060-A	Seal	1		
802	CLT-0060-B	Bearing	2		
803	CLT-0060-C	Race	2		
804	CLT-0060-CP	Coulter Pin	1		
805	CLT-0060-D	Coulter Hub Cap	1		
806	CLT-0060-H	Hub, Seal, & Bearings for Coulter	1		Includes: Seal, 2 Bearings, 2 Cups, Hub, Hub Cap Sold Complete with spindle as CLT-0025A
807	CLT-0060-I	Hub,Cap Assembly, No Bearings	1		Includes: 2 Cups, Hub, Hub Cap
808	CLT-0060-K	Coulter Wheel Bearing Kit	1		Includes: 2 Bearings, 2 Cups, Seal, Hub Cap
809	CLT-0060-N	Nut	1		
810	CLT-0060-WC	Washer Cap for Coulter	1		

811	GF-1428	Grease Fitting 1/4” x 28 straight	1

10010-02-08



#806 INCLUDES: SEAL, 2 BEARINGS, 2 CUPS, HUB, HUB CAPS
#807 INCLUDES: 2 CUPS, HUB, HUB CAP
#808 INCLUDES: 2 BEARINGS, 2 CUPS, SEAL, HUB CAP

KIT-135

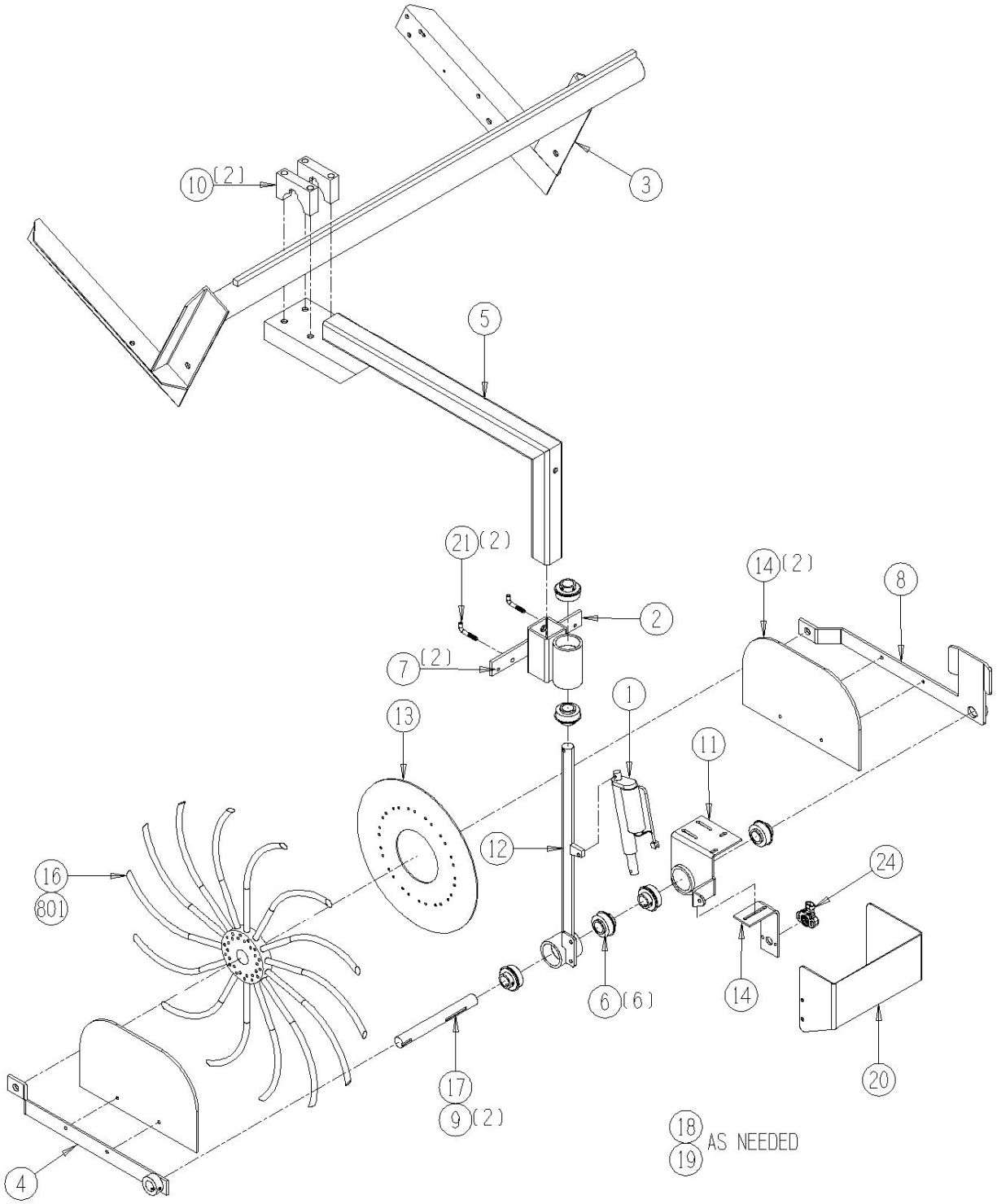
10010-02-70 Optional Header Height Control System

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	192-139A	Safety Bar	-1	19201-	
1	ACT-042B-2	Actuator, Wired For any Length Harness, 08 and Later	1		
2	ADJ-HC99	Adjuster, Wheel Control Height Adj, HHC	1		
3	BAR-9022	Bar, AHHC Trailing Wheel Mount, Support Bar	1		
4	ARM-HC99R	Arm, Right, Control Wheel, HHC	1		
5	BAR-9023	Bar, AHHC Trailing Wheel Mount	1		
6	BR-100-ER	Bearing, 1” ER	6		
7	CH-3-28	3/16 LINK CHAIN 28 LINKS	2		
8	ARM-0069	HHC Arm, Electronic Header Height	1		
9	KEY-4-4-12	SHAFT KEY 1/4”x3/4” SQUARE CUT (1018)	2		
10	MOU-103	Mount, Wheel Arm Bar Support, HHC, Cuc & Tom	2		
11	ARM-0070	Switch Mount, HHC	1		
12	MOU-HC03	Mount, Trailing Wheel Arms, HHC, 2003	1		
13	PL-6192	Depth Disk Wheel, 14.375 Dia.	1		
14	PL-HC99	Plastic, Chain Guard Wheel Arm, HHC	2		
15	ARM-1007	Sensor Arm	1		
16	WHL-HHC-99	Spider Wheel Assembly	1		
17	SFT-HC07	HHC Shaft	1		
18	WT-14	Wire Tie 14 1/4”	25		
19	WT-7	Wire Tie 7”	25		
20	SHD-HC07	HHC Sheild, Electronic Switch	1		
21	SUP-8100	Support, Wheel Hold Up, Header Height, HC290	2		
22	ELC-1009	Control Cord, HHC, 190	1		
23	ELC-0009	Actuator Control Cord, Control Box to Electrical Panel	1		
24	ELC-1008	Rotary Sensor, Single Output BEI	1		
25	DC-1047	Decal, HV-1047, White	3		Use w/HV-1047
26	DC-1184	Danger Decal, 3” x 16”	1		
27	DC-ARROW	Decal,Yellow Direction Arrow	2		

28	ELC-1008-C	Wiring Harness For ELC-1008	1
29	ELC-1006	Valve Driver, PVD3D2R	1
30	SFT-HC12	Shaft, EHHC Control, Tomato Harvester	1
31	CPL-1006	Helical Beam Shaft Coupling 1/4x3/8	1
32	SFT-HC11	Shaft, HHC Control	1
100	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	2
101	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	4
102	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	4
103	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	2
104	BL-4-175-H	1/4-20 X 1 3/4 HEX CAP G5 ZC	1
105	BL-4-400-H	1/4-20 X 4 HEX CAP G5 ZC	4
106	BL-4-FW-8	1/4” Flat Washer Grade 8	20
107	BL-4-LN	1/4-20 HEX LN NE ZC	14
108	BL-4-LW	1/4 SPLIT LW ZC	4
109	BL-5-031-SC	5/16-18 x 5/16 Knurled Point Set Screw	8
110	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4
111	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4
112	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	7
113	BL-6-LW	3/8 SPLIT LW ZC	4
114	BL-6-SW-8	3/8 SAE FW G8 ,Yellow Zinc, Thru Hardened	20
115	BL-8-100-SQSS	1/2 x 1 Square Head Set Screw (USS)	2
116	BL-8-475-H	1/2-13 X 4 3/4 HEX CAP G5 ZC	4
117	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	4
118	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	5
119	BL-8-SW-8	1/2 SAE FW G8 ZC	5
120	BL-10-325-H	5/8 UNC X 3 1/4 HH C/S BOLT GR ZINC	1
121	BL-10-LN	5/8-11 HEX LN NE ZC	1
122	BL-10-SM	5/8 x 1 x 14ga Shim	5
123	BL-10-SW	5/8 SAE FW ZC @	5
125	BL-4-175-HFT	1/4-20 X 1-3/4 HEX CAP G5 ZC, Fully Threaded	1
126	BL-4-200-HFT	1/4-20 X 2 HEX CAP G5 ZC, Fully Threaded	1

127	BL-4-N	1/4-20 HEX FIN NUTS ZC	2
128	BL-6-325-H	3/8 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	3
129	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	1
130	RI-3-6-P	Pop Rivets 3/16 x 3/8 Domed, .375 head, ea.	15
800	WHL-200-C	Wheel Bearing, 5/8” Bore	0
801	WHL-6195A	Spoke	0

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10010-02-70H Optional Header Height Control Hydraulic

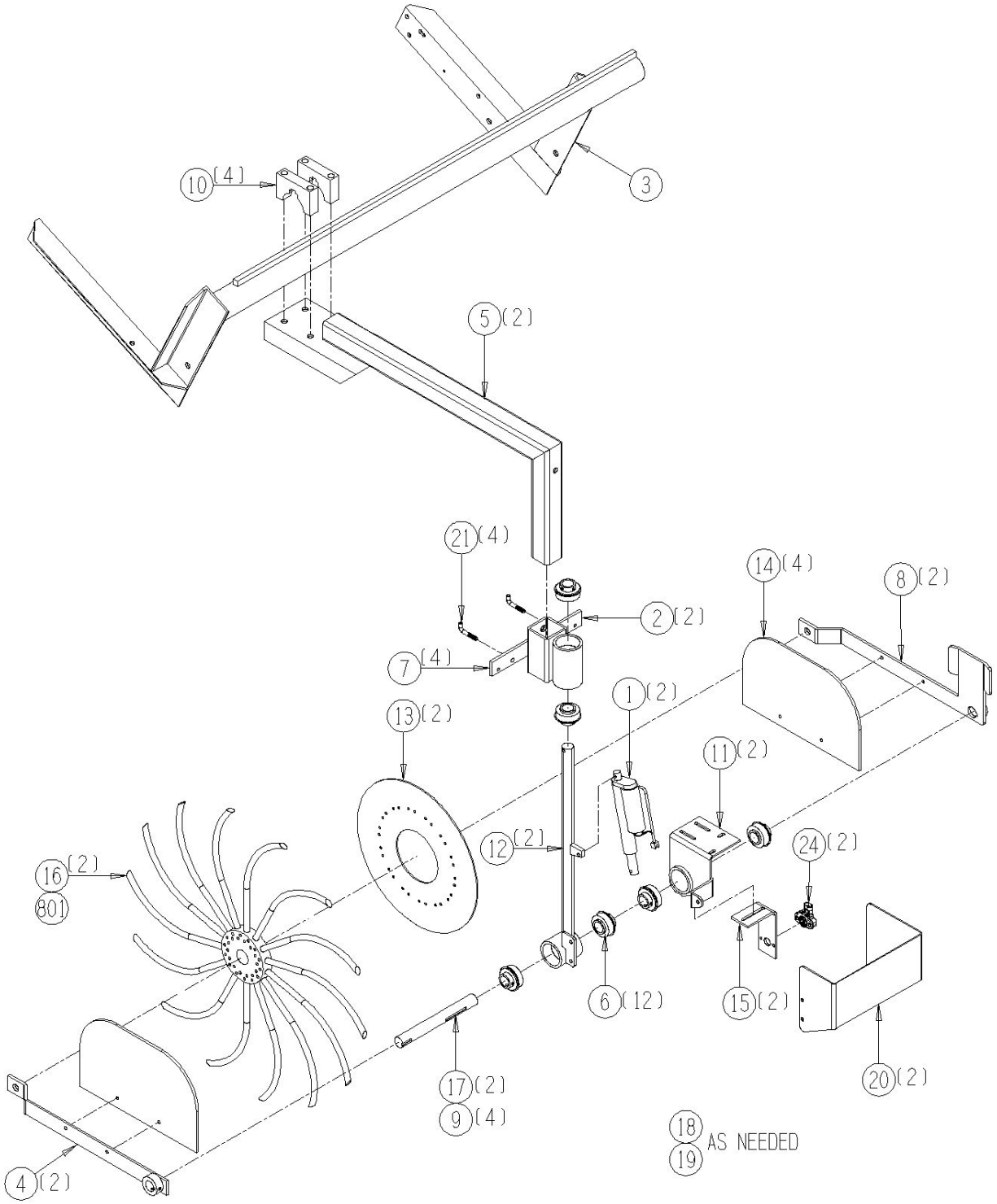
Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HC-250-2408-OR	Hydraulic Cylinder 2 1/2 x 24 #8 SAE w/O-Piston Ring Seal	-2		NOT TO BE USED IN SINGLE ACTING APPLICATIONS
13	HA-1031	Hydraulic Hose Holder 3/8	4		
15	HC-1129-A	Hyd. Cyl Pin, 1” x 2 ¾” Between the Grooves	4		
16	HC-1130B	Hair Pin Clip	8		
17	HC-275-2408-RP	2 ¾ x 24 Rephasing Cylinder	1		Seal Kit Part No. HC-250R-112 (639557)
18	HC-300-2408-RP	3 x 24 Rephasing Cylinder	1		Seal Kit Part No. HC-300R-125 (639558)
31	WT-14	Wire Tie 14 1/4”	25		
32	WT-7	Wire Tie 7”	25		
124	RI-3-6-P	Pop Rivets 3/16 x 3/8 Domed, .375 head, ea.	15		

10010-02-71 Optional Dual HHC System

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	ACT-042B-2	Actuator, Wired For any Length Harness, 08 and Later	2		
2	ADJ-HC99	Adjuster, Wheel Control Height Adj, HHC	2		
3	BAR-9022	Bar, AHHC Trailing Wheel Mount, Support Bar	1		
4	ARM-HC99R	Arm, Right, Control Wheel, HHC	2		
5	BAR-9023	Bar, AHHC Trailing Wheel Mount	2		
6	BR-100-ER	Bearing, 1” ER	12		
7	CH-3-28	3/16 LINK CHAIN 28 LINKS	4		
8	ARM-0069	HHC Arm, Electronic Header Height	2		
9	KEY-4-4-12	SHAFT KEY 1/4”x3/4” SQUARE CUT (1018)	4		
10	MOU-103	Mount, Wheel Arm Bar Support, HHC, Cuc & Tom	4		
11	ARM-0070	Switch Mount, HHC	2		
12	MOU-HC03	Mount, Trailing Wheel Arms, HHC, 2003	2		
13	PL-6192	Depth Disk Wheel, 14.375 Dia.	2		
14	PL-HC99	Plastic, Chain Guard Wheel Arm, HHC	4		
15	ARM-1007	Sensor Arm	2		
16	WHL-HHC-99	Spider Wheel Assembly	2		
17	SFT-HC07	HHC Shaft	2		
18	WT-14	Wire Tie 14 1/4”	25		
19	WT-7	Wire Tie 7”	25		
20	SHD-HC07	HHC Sheild, Electronic Switch	2		
21	SUP-8100	Support, Wheel Hold Up, Header Height, HC290	4		
22	ELC-042B-28	Actuator Cable Only 28” 08 to Present	1		
23	ELC-042B-19	Actuator Cable Only 19” 08 to Present	1		
24	ELC-1008	Rotary Sensor, Single Output BEI	2		
25	ELC-1008-C	Wiring Harness For ELC-1008	2		
26	ELC-1006	Valve Driver, PVD3D2R	2		
27	SFT-HC12	Shaft, EHHC Control, Tomato Harvester	2		
28	CPL-1006	Helical Beam Shaft Coupling 1/4x3/8	2		

29	SFT-HC11	Shaft, HHC Control	2
100	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	4
101	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
102	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	8
103	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	4
104	BL-4-175-H	1/4-20 X 1 3/4 HEX CAP G5 ZC	2
105	BL-4-400-H	1/4-20 X 4 HEX CAP G5 ZC	8
106	BL-4-FW-8	1/4” Flat Washer Grade 8	40
107	BL-4-LN	1/4-20 HEX LN NE ZC	28
108	BL-4-LW	1/4 SPLIT LW ZC	8
109	BL-5-031-SC	5/16-18 x 5/16 Knurled Point Set Screw	16
110	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	8
111	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	8
112	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	14
113	BL-6-LW	3/8 SPLIT LW ZC	8
114	BL-6-SW-8	3/8 SAE FW G8 ,Yellow Zinc, Thru Hardened	40
115	BL-8-100-SQSS	1/2 x 1 Square Head Set Screw (USS)	4
116	BL-8-475-H	1/2-13 X 4 3/4 HEX CAP G5 ZC	8
117	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8
118	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	10
119	BL-8-SW-8	1/2 SAE FW G8 ZC	10
120	BL-10-325-H	5/8 UNC X 3 1/4 HH C/S BOLT GR ZINC	2
121	BL-10-LN	5/8-11 HEX LN NE ZC	2
122	BL-10-SM	5/8 x 1 x 14ga Shim	10
123	BL-10-SW	5/8 SAE FW ZC @	10
124	BL-4-175-HFT	1/4-20 X 1-3/4 HEX CAP G5 ZC, Fully Threaded	2
125	BL-4-200-HFT	1/4-20 X 2 HEX CAP G5 ZC, Fully Threaded	2
126	BL-4-N	1/4-20 HEX FIN NUTS ZC	4
127	BL-6-325-H	3/8 UNC X 3 1/2 HH C/S BOLT GR5 ZINC	6
128	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	2
801	WHL-6195A	Spoke	0

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10010-02-71H Optional Dual HHC System Hydraulics

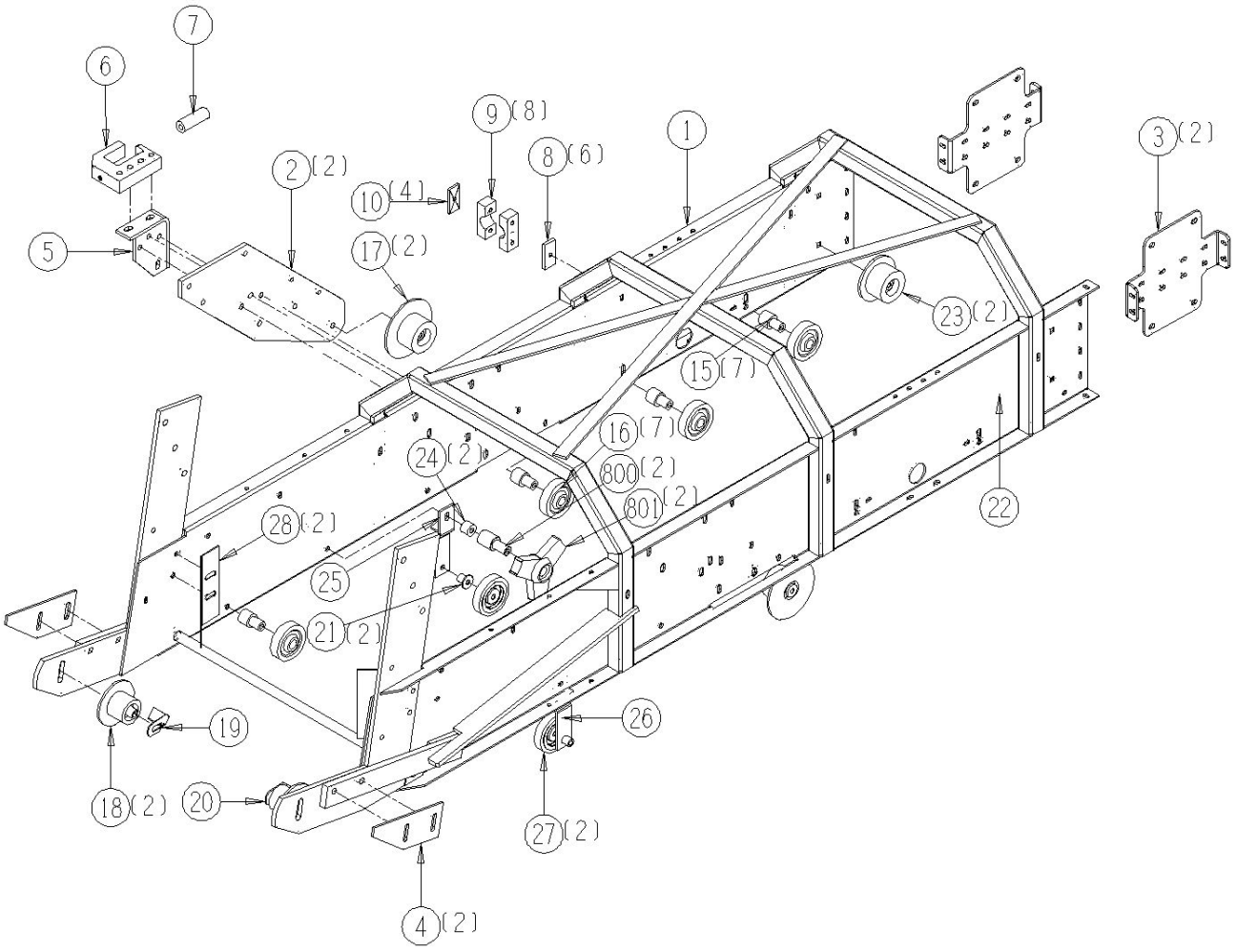
Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
600	H10-37-8MP-8MP	5/8” hose 1/2MP x 1/2MP x 37” long	2		
601	H4-150-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 150 in long	1		
602	H6-204-6MP-6MP	3/8 hose 3/8MP x 3/8MP x 204 in long	1		
603	HA-1031	Hydraulic Hose Holder 3/8	4		
604	HC-1129-A	Hyd. Cyl Pin, 1” x 2 ¾” Between the Grooves	8		
605	HC-1130B	Hair Pin Clip	16		

10010-03-01 Primary Header Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	FRM-102	Over Top Cross Member Header 190 Tomato	1		
2	MOU-0095	Header Side Bar, 190 Harvester	2		
3	SUP-102	Support, Header Side Rail Splice, 190	2		
4	191-142	Scraper, Under Disk	2	19101-	
5	195-101J	Slide Guide Mount, Header	1	19501-	
6	BRA-190	Bracket, Slide Guide, 190 Tomato	1		
7	192-107A	Slide Guide Roller, 3.5" Long	1		
8	SPA-1050	Spacer for Hydraulic Tube Mount	6		
9	HA-1051	Hyd, Clamp Halves	8	19101-	
10	HA-1052	Hyd, Cover Plate	4	19101-	
15	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	8	19101-	
16	RLG-040-1016	4" Urethane Roller	8	Old Terog Part No. RU4	
17	RLT-635-228	6 1/2" Flange Roller 2.2 WF 3.5 dia, 1/2" bore	2		
18	RLS-522-2010-SC	Steel Roller, 5" Flange, 2.2" Dia, 2" wide, w/Hub for Scraper	2	For use with scrapers RLA-3023-TM (RH) and RLA-3024-TM (LH) only	
18	RLS-522-2010	Steel Roller, 5" Flange, 2.2" Dia, 2" wide	0		Sub RLU-522-2010
19	RLA-3023-TM	Scraper for Nose Roller, RH	1	For use with RLS-522-2010-SC roller only	
20	RLA-3024-TM	Scraper for Nose Roller, LH	1	For use with RLS-522-2010-SC roller only	
21	RLA-000-118	Standoff, 1/2" X 1 1/8"	2		
22	DC-1177	Decal, Large White PIK RITE 8" x 58"	1		
23	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	2		
24	SPA-6131	Spacer, Gathering Chain Assy, Rollers	2	60097001-	
25	BRA-1936	Bracket, Lower Roller for Header Chain (L.H.)	1		
26	BRA-1938	Bracket, Lower Roller for Header Chain (R.H.)	1	192-101K	
27	RLR-040-108	4" Flat Roller	2		Changed to Urethane in 2006

28	SCR-0002	Scraper, Gathering Chain Roller, 190 Tomato	2
800	RLA-015-308	Spindle for 3 Point Shakers	2
801	RLT-324	Rubber 3 Point Shaker	2

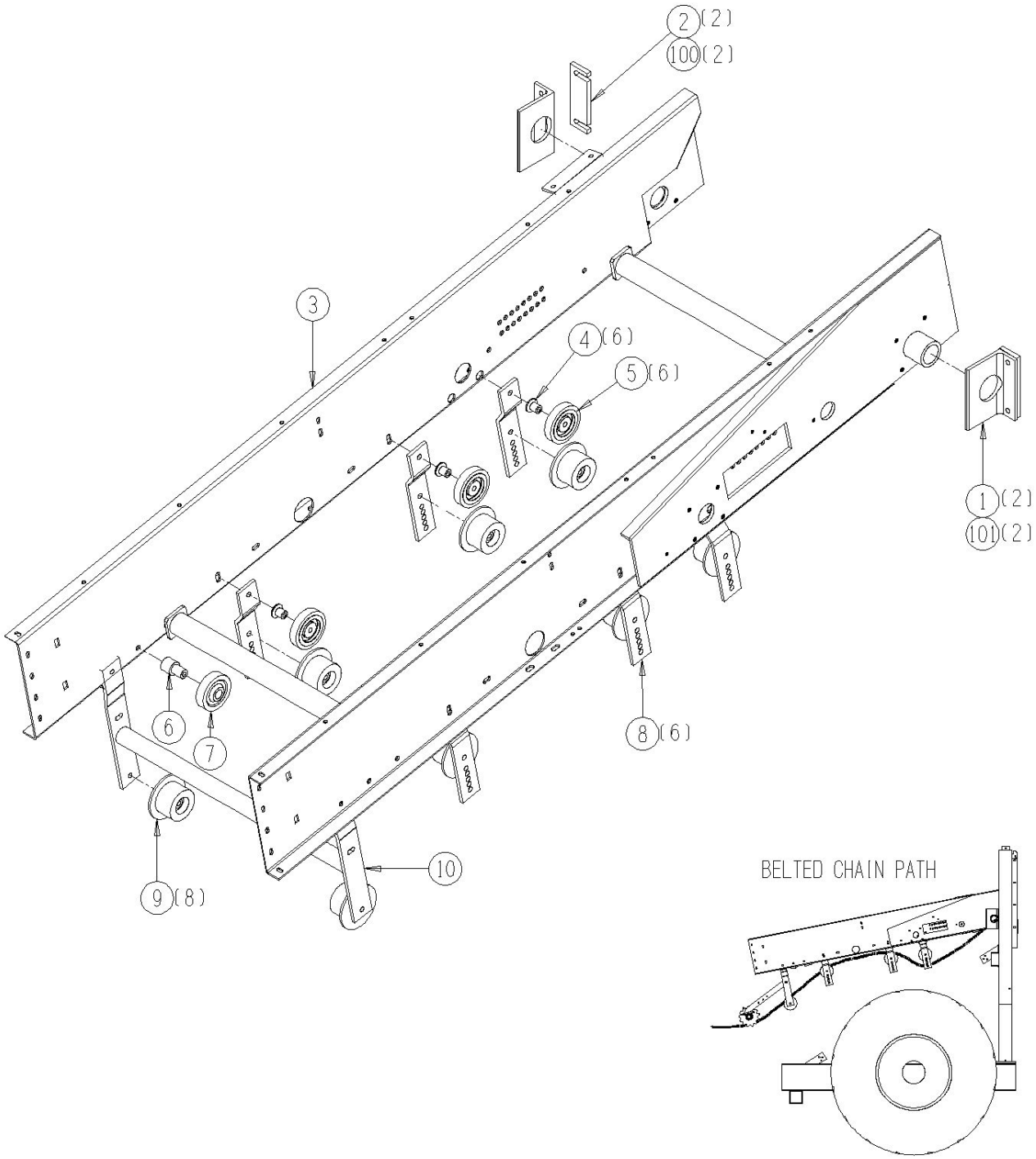
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10010-03-02 Secondary Header Frame Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-106	Bracket, Header Mount, Pivot	2	19101-	
2	SPA-106-4	Spacer, Header Mount, Pivot (Tomato)	0	19201-	
2	SPA-106-6	Spacer, Header Mount, Pivot (Tomato)	0	19201-	
2	SPA-106-8	Spacer, Header Mount, Pivot (Tomato)	2	19201-	
3	FRM-101R	Frame, Header Conveyor, Rear (Tomato)	1	19601-	Replaces 195-101R
4	RLA-000-118	Standoff, 1/2” X 1 1/8”	6		
5	RLR-040-108	4” Flat Roller	6		Changed to Urethane in 2006
6	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	1	19101-	
7	RLG-040-1016	4” Urethane Roller	1	Old Terog Part No. RU4	
8	BRA-8400	Bracket, Hold Up Rollers	6		
9	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	8		
10	BAR-1118	Bar, Hold up, Head Chain, Big Wheel	1	KIT-1118	
100	BL-8-750-8	1/2-13 x 7 1/2 Grade 8 Hex Head Cap Screws	2		
101	BL-8-650-8	1/2-13 X 6 1/2 GR8 HH BOLT	2		

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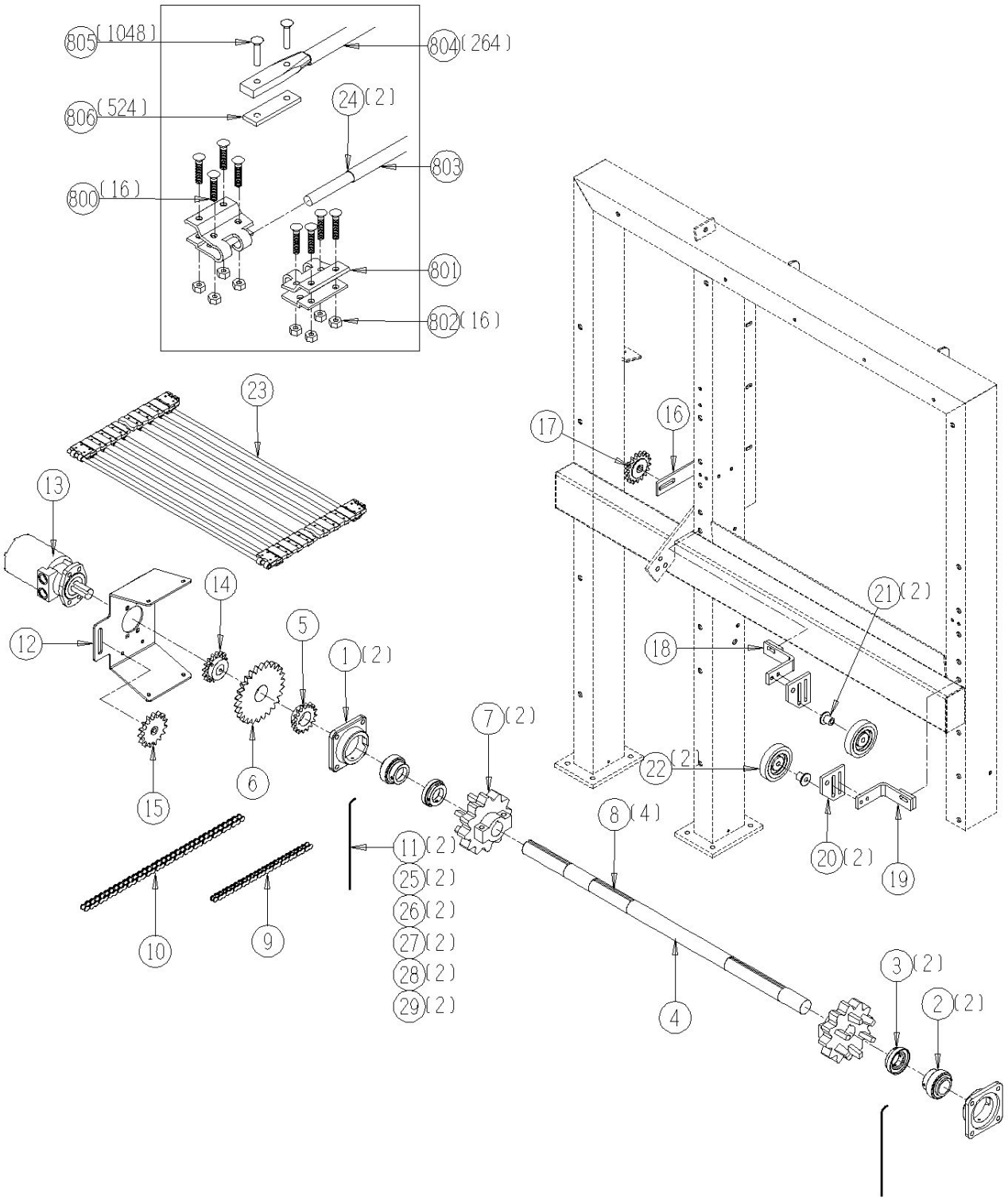


10010-03-03 Header Conveyor Drive Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-085-RCJ	RCJ Bearing Housing	2	11001	
2	BR-175-085	Fafnir Bearing 1 3/4 Tri Seal	2		
3	BR-175-LC	1 3/4" Locking Collar - Bearing Protector	2		
4	110-112	Shaft, Header Drive	1	11001-	
5	SP-50B16-28-6	Hardened Tooth Sprocket, #50, 16 Tooth, 1.75" Bore	1	11001	
6	SP-60B27-28-6	Hardened Tooth Sprocket, #60, 27 Tooth, 1.75" Bore	1	Header Drive (Shaft) - 19101	
7	SP-4212-28-6-H	Sprocket, 12T Drive #4212 1 3/4" Bore Heat Treated	2		
8	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	4		
9	CH-50-41	Roller Chain 41 pitches #50 w/master link	1		
10	CH-60H-51	Roller Chain 51 pitches #60H Header Drive(Tomato & Cucumber) w/master link	1		
11	GF-1827	Grease Fitting 1/8 NPT Straight	2		
12	MOU-101R	Mount, Motor, Header (Tomato)	1	19601-	
13	HM-1228-TC	TCI Motor	1	Direct Interchange with HM-400-OMS	Replaces HM-1228-CH, And HM-188R. Seal Kit # TCI-SKMLHS
14	SP-60B20-20-5	Hardened Tooth Sprocket, #60, 20 Tooth, 1.25" Bore	1	Header Drive (Motor)	
15	SP-6015-T	Idler, # 60 Roller Chain Adjuster	1	19201	
16	194-114	Tightner Bracket	1	19401-	
17	SP-5017-T	Idler, 17 tooth x #50 Chain	1		
18	BRA-106	Bracket, Header Roller, Outer	1	19101-	
19	BRA-105	Bracket, Header Roller, Inner	1		
20	BRA-107	Bracket, Header Roller	2		
21	RLA-000-118	Standoff, 1/2" X 1 1/8"	2		
22	RLR-040-108	4" Flat Roller	2		Changed to Urethane in 2006
23	BC-7-3242-265	Header chain, 7/16" bar 42 mm pitch 265 links	1	19001	
24	BC-3525	Snap Ring, 11mm.	2		
25	GFA-51943	1/4"-28 90° Adapter	2		
26	H2-12-2MP-2MP	1/8in Grease Hose x 1/8MP x 1/8MP x 12in Long	2		

27	AC-2	1/8” NPT Coupler	2		
28	HA-1031	Hydraulic Hose Holder 3/8	2		
29	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	2		
800	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	16		
801	BC-F-42-32-UG	Ultra Gold F Connecting Clips 42-32 @ pair	2		Replaces BC-F-42-32
802	BC-1032-LN	10-32 lock nuts	16		
803	BC-7-32-CN	Connecting Rod, 11mm, 32” Wide Belted Chain, 60mm Traction Belts	1		For Clip Splice Option
804	BC-7-32-ST	7/16” x 32” Belted Chain Rod for 60mm Belt	264	11001	
805	RI-25-BC	25mm Belted Chain Rivets	1048		
806	BC-BP32	Belt, Rivet backing plates 32mm	524	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts
808	KEY-5-5-20	Shaft Key 5/16” sq x 1 1/4” Square Cut (1018)	1		

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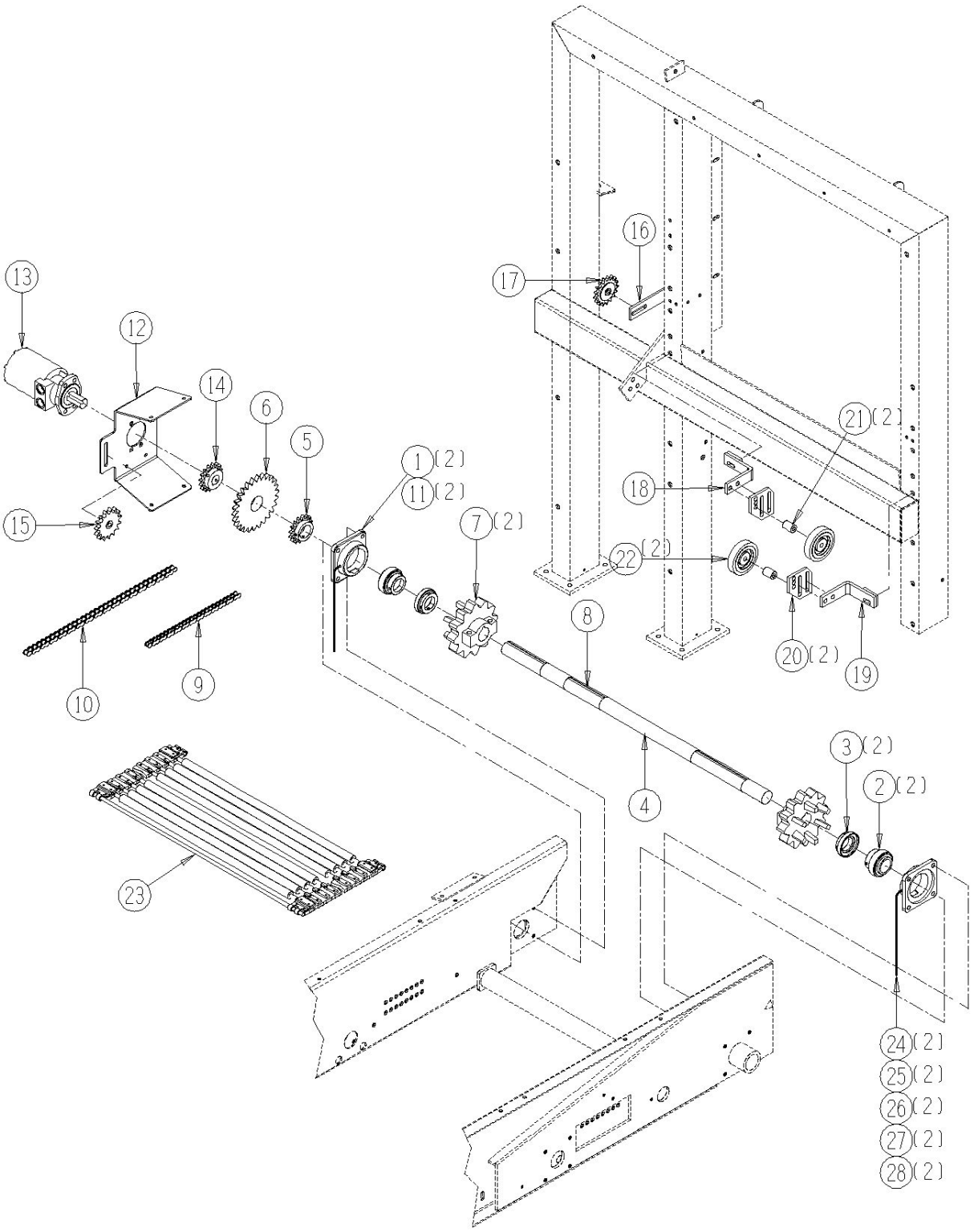

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10010-03-04 Opt.42mm Air Cush. Chain header Drive Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-085-RCJ	RCJ Bearing Housing	2	11001	
2	BR-175-085	Fafnir Bearing 1 ¾ Tri Seal	2		
3	BR-175-LC	1 ¾" Locking Collar - Bearing Protector	2		
4	110-112	Shaft, Header Drive	1	11001-	
5	SP-50B16-28-6	Hardened Tooth Sprocket, #50, 16 Tooth, 1.75" Bore	1	11001	
6	SP-60B27-28-6	Hardened Tooth Sprocket, #60, 27 Tooth, 1.75" Bore	1	Header Drive (Shaft) - 19101	
7	SP-4212-28-6-H	Sprocket, 12T Drive #4212 1 ¾" Bore Heat Treated	2		
8	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	4		
9	CH-50-41	Roller Chain 41 pitches #50 w/master link	1		
10	CH-60H-51	Roller Chain 51 pitches #60H Header Drive(Tomato & Cucumber) w/master link	1		
11	GFA-51943	1/4"-28 90° Adapter	2		
12	MOU-101R	Mount, Motor, Header (Tomato)	1	19601-	
13	HM-1228-TC	TCI Motor	1	Direct Interchange with HM-400-OMS	Replaces HM-1228-CH, And HM-188R. Seal Kit # TCI-SKMLHS
14	SP-60B20-20-5	Hardened Tooth Sprocket, #60, 20 Tooth, 1.25" Bore	1	Header Drive (Motor)	
15	SP-6015-T	Idler, # 60 Roller Chain Adjuster	1	19201	
16	194-114	Tightner Bracket	1	19401-	
17	SP-5017-T	Idler, 17 tooth x #50 Chain	1		
18	BRA-109	Bracket Header Roller, Inner	1	BRA-109	
19	BRA-112	Bracket, Header Roller, Outer	1	BRA-112	
20	BRA-108	Bracket Header Roller	2		
21	RLA-010-013-8	Spindle for Urethane Roller (no standoff)	2		
22	RLR-040-108	4" Flat Roller	2		Changed to Urethane in 2006
23	BC-7-3242-265AC	Header Chain, 7/16" x 32" 42mm pitch, Rods 265 pitches long	1		
24	H2-12-2MP-2MP	1/8in Grease Hose x 1/8MP x 1/8MP x 12in Long	2		
25	AC-2	1/8" NPT Coupler	2		
26	GF-1827	Grease Fitting 1/8 NPT Straight	2		

27	HA-1031	Hydraulic Hose Holder 3/8	2		
28	BL-4-075-H	1/4 UNC X ¾ HH C/S BOLT GR5 ZINC	2		
801	RI-25-BC	25mm Belted Chain Rivets	1048		
802	BC-F-42-32-UG	Ultra Gold F Connecting Clips 42-32 @ pair	2		Replaces BC-F-42-32
803	BC-BP32	Belt, Rivet backing plates 32mm	524	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts
804	BC-7-32-CN	Connecting Rod, 11mm, 32” Wide Belted Chain, 60mm Traction Belts	1		For Clip Splice Option
805	BC-7-32-AC	7/16” x 32” Rod w/ 24mm Air Cushion Cover	264		
806	BC-1032-LN	10-32 lock nuts	16		
807	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	16		
808	KEY-5-5-20	Shaft Key 5/16” sq x 1 1/4” Square Cut (1018)	1		

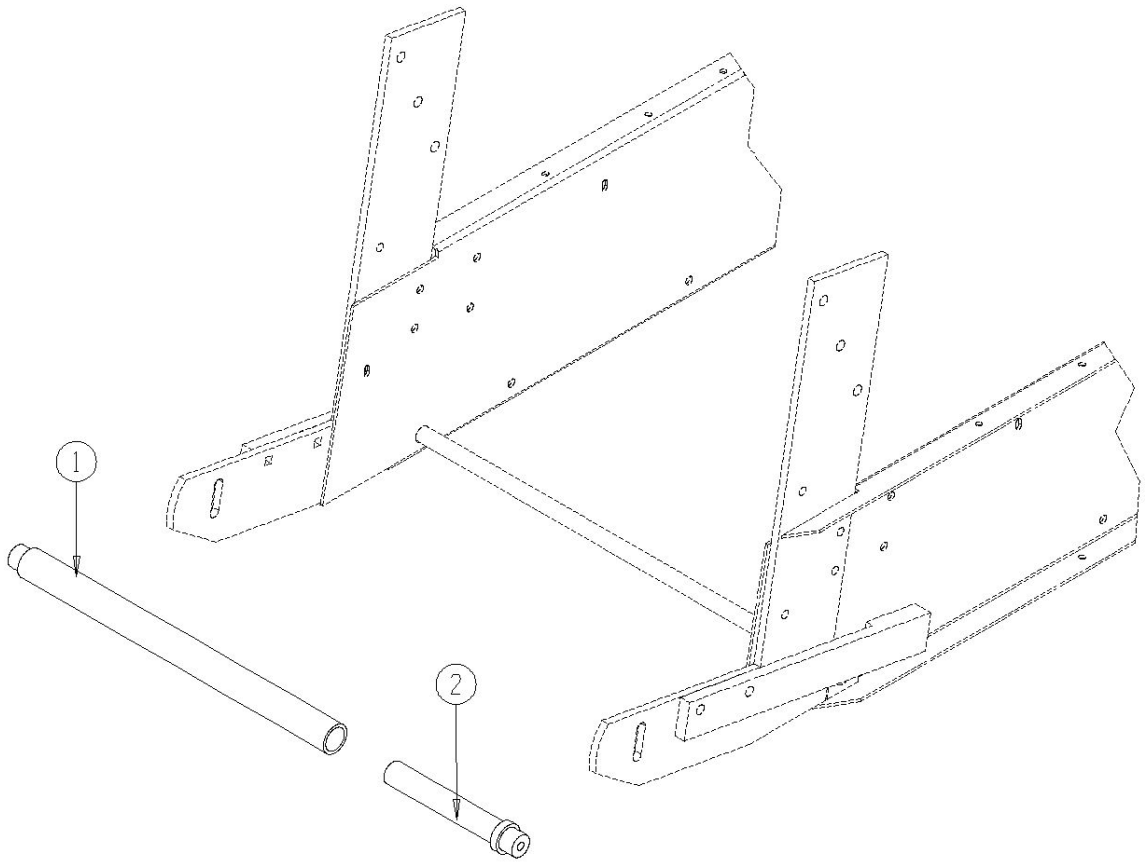
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10010-03-09 Optional Mud Pusher Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0020	Mud Pusher, Nose Cone Mounted	0		
1	ARM-105	King Style Mud Pusher,(Pipe End)	1		
2	ARM-106	King Style Mud Pusher,Shaft End	1		
100	BL-10-LW	5/8 SPLIT LW ZC	2		

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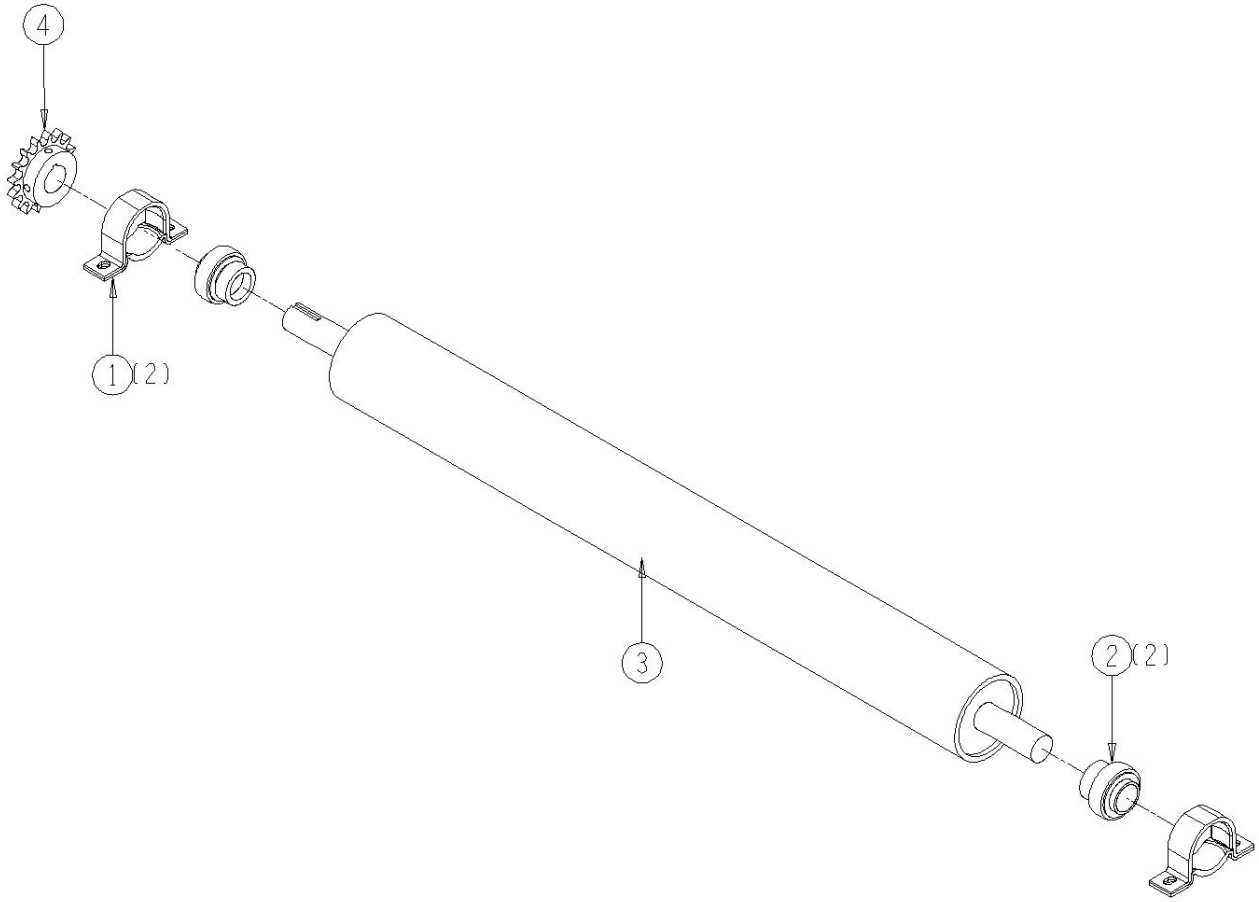


KIT-0020

10010-03-10 Header Conveyor Return Roller Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	194-209	Transfer - Header Roller	1	19401-	
4	SP-50B16-20-4	Hardened Tooth Sprocket, #50, 16 Tooth, 1. 25” Bore	1		
5	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		

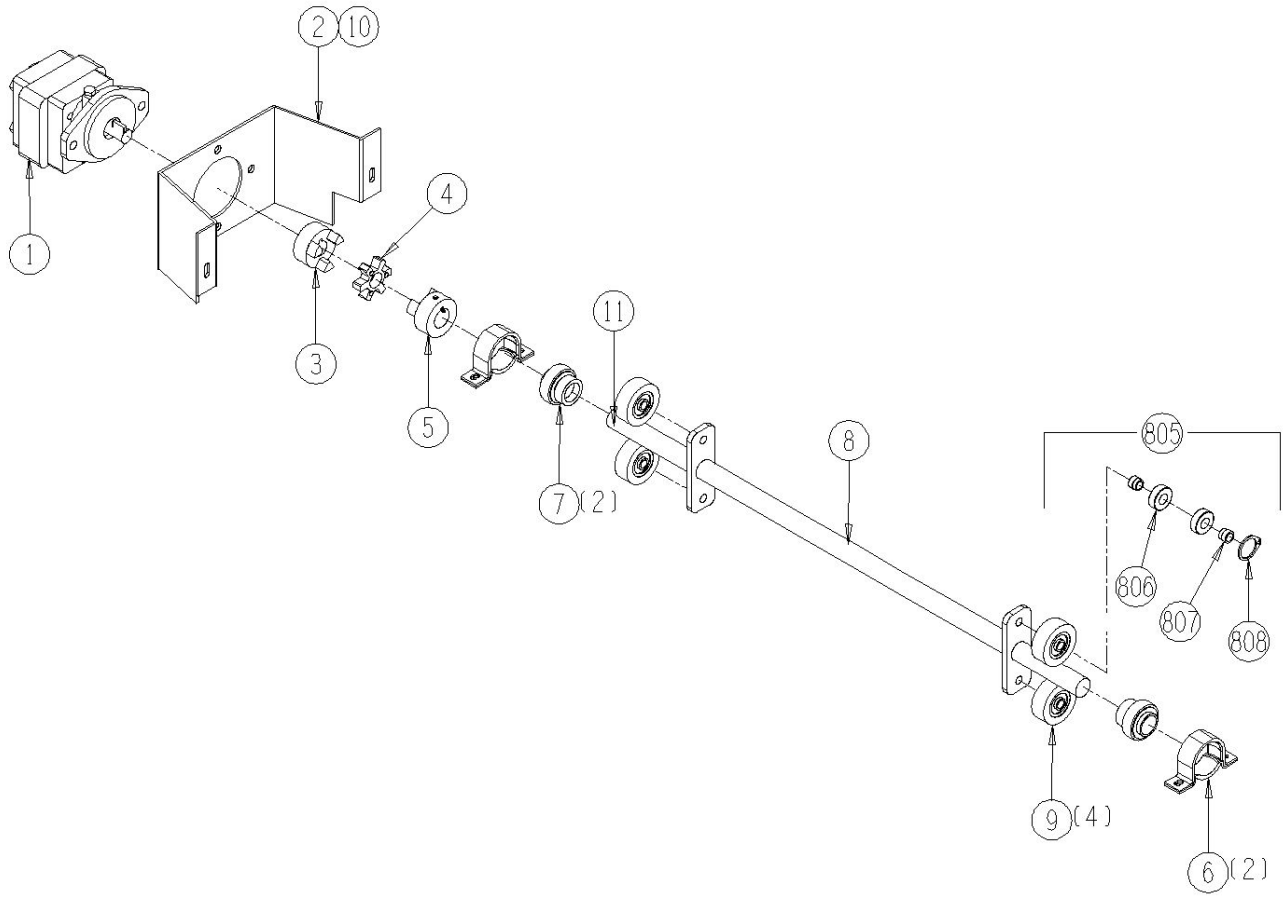
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10010-03-11 Header Conveyor Vibrator Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1" shaft
2	192-138	Mount, Vibrator Motor	1	19201-	
3	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
4	CPJ-6055	Coupler, L100, Urethene Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
5	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore	1	19101	Sub 194-6053 Exept on Debris Fan
6	BR-062-MPB	Stamped Bearing Housing for 1 1/4" bearing	2		
7	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
8	192-136	Vibrator shaft	1	19201-	
9	RLT-027-108	Roller 2.75" dia. 1/2" Bore	4		2755C1X (Old Number, Single Bearing)
10	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
11	KEY-4-4-20	Shaft Key 1/4" x 1 1/4"	1		
12	STP-FL30	Stop, Flow Control	1	19101-	
800	HM-412B	Key for Hydraulic Motor -Shaker Weight-Vibrator	1	HM-412C & HM-712C	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1		
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1		
804	HM-1801	Seal Kit for Commercial Intertech	1	P20 & M20 Series	Includes:(1) Length of HM-2882,(1)HM-2883,(2)HM-2884
805	BR-025-052-C	Bearing Kit for Vibrator Roller (2 brg)	1	RLT-027-108	
806	BR-017-040	Bearing for Vibrator Roller	2		
807	RLT-SSC1	Stub Shaft for Vibrator Roller	2		
808	RLA-0275-SR4	Snap Ring for Vibrator Roller	1	RLT-027-108	

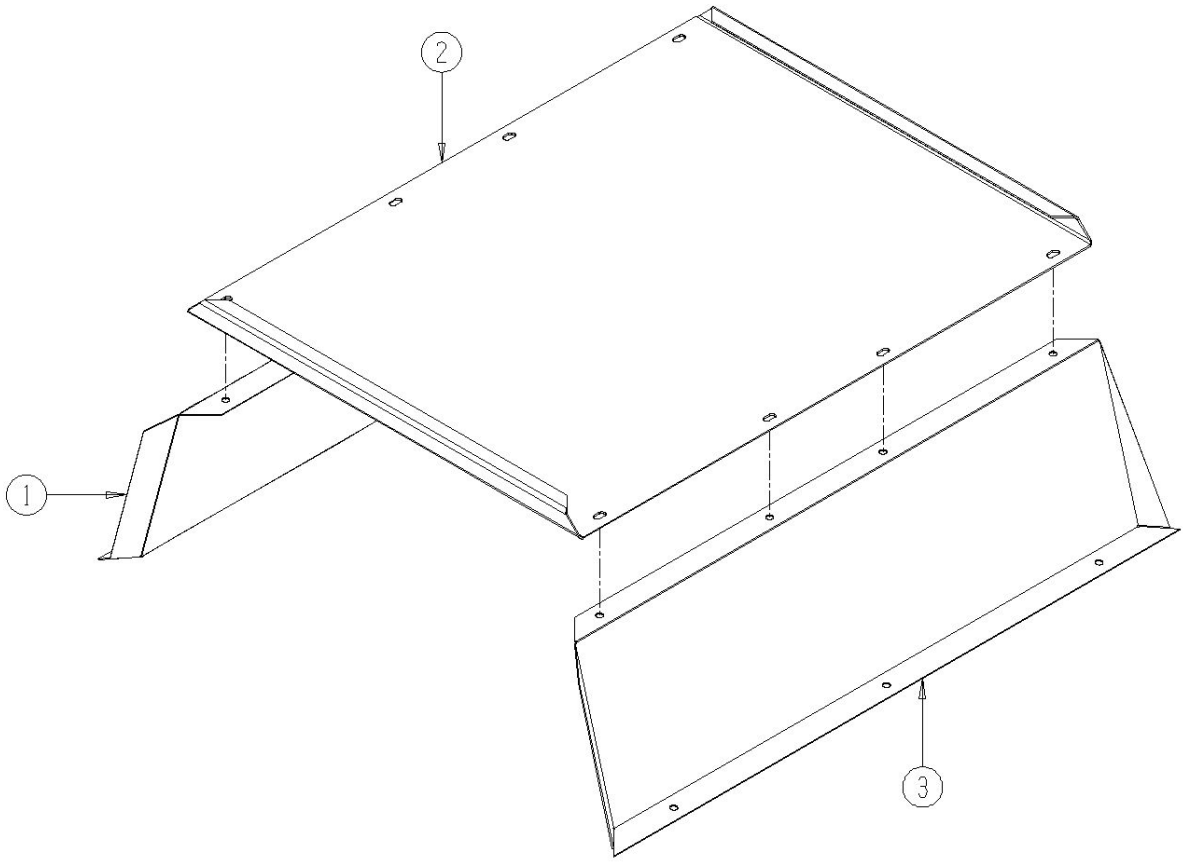
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10010-03-12 Secondary Header Frame Assembly Less Vine Assist

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-137B	Vibrator cover, inner	1	19101-	
2	191-137	Vibrator cover, Top	1	19101-	
3	191-137A	Vibrator cover, outer	1	19101-	

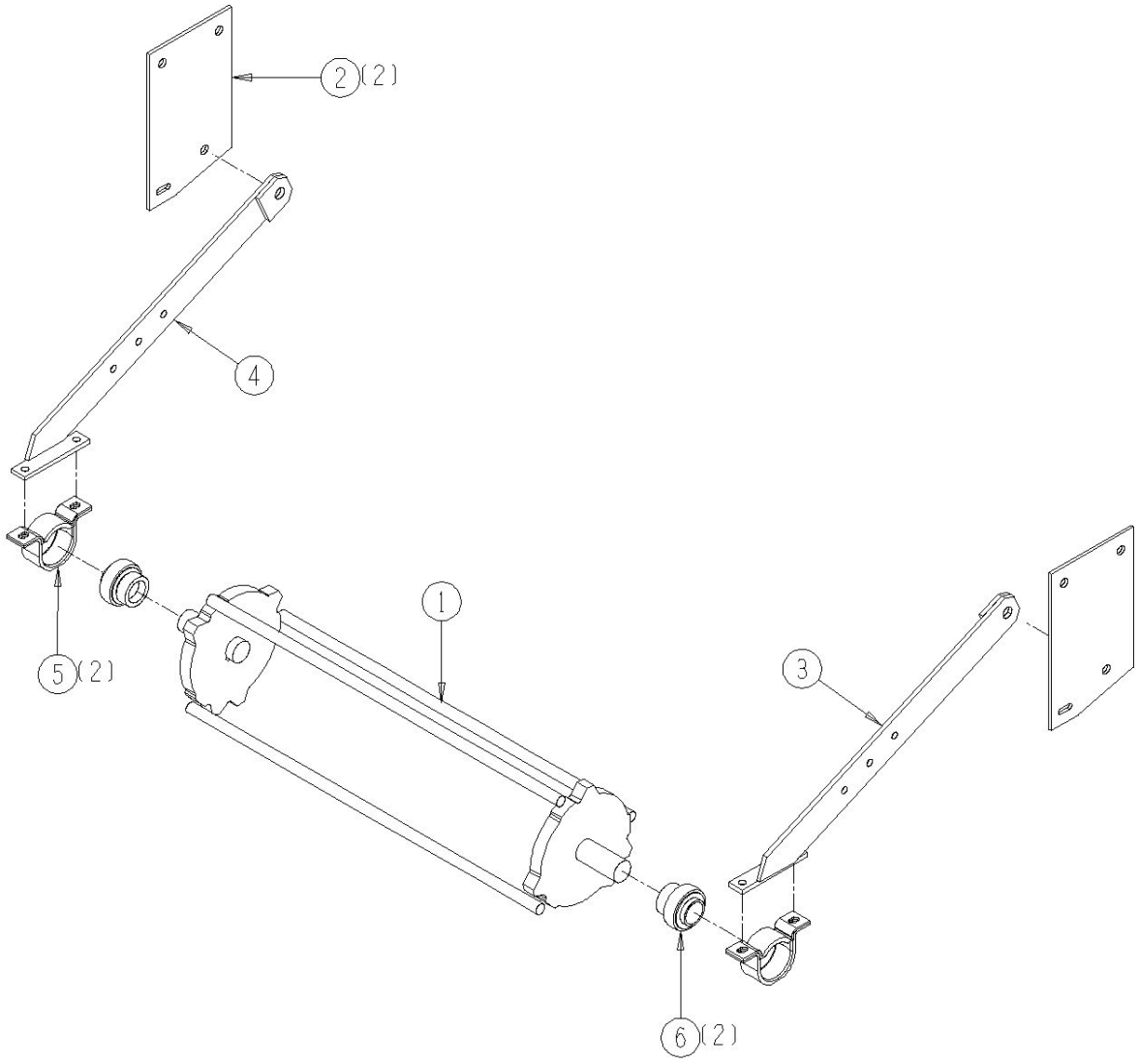
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10010-03-13 Optional Header Conveyor Bar Cleaner Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	192-162	Bar Cleaner, for 42mm pitch x 32” wide chain	1		
2	192-163	Cleaner bar bracket	2	19101-	
3	192-362A	Chain cleaner bar (Left)	1	19101-	
4	192-362B	Chain cleaner bar (Right)	1	19101	
5	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
6	BR-125-062I	Bearing, 1 1/4” ID, TS	2		FIT Bearing
100	BL-10-075-SH	5/8 X ¾ SHOULDER BOLTS	2	11001-	

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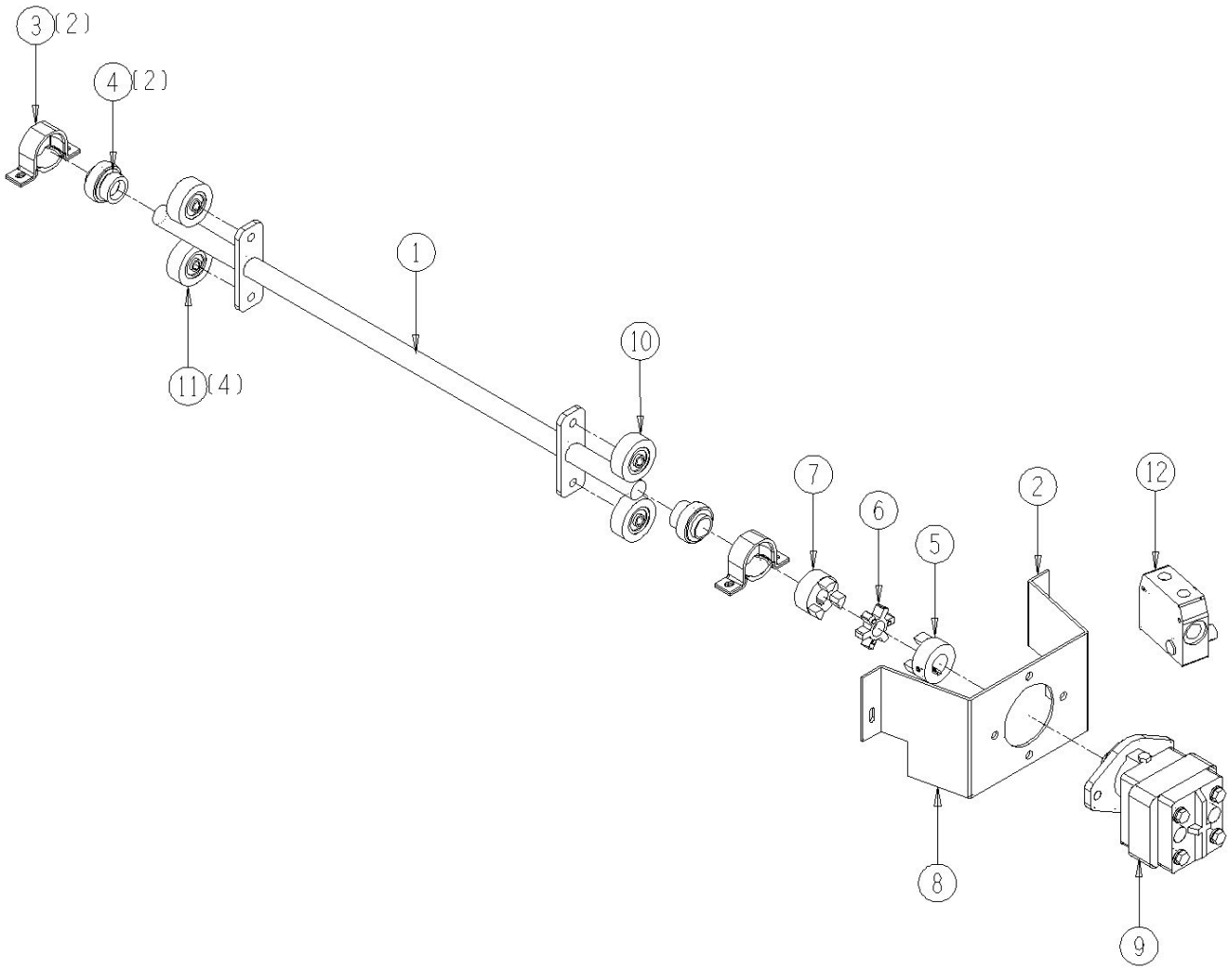


10010-03-14 Optional Second Vibrator Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0121	2nd Vibrator, Header, Lower, 190 Series	0		
1	192-136	Vibrator shaft	1	19201-	
2	192-138	Mount, Vibrator Motor	1	19201-	
3	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
4	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
5	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore	1	19101	Sub 194-6053 Exept on Debris Fan
6	CPJ-6055	Coupler, L100, Urethene Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
7	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
8	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
9	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1” shaft
10	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
11	RLT-027-108	Roller 2.75” dia. 1/2” Bore	4		2755C1X (Old Number, Single Bearing)
12	HV-FL30	Flow Control Valve 30GPM	1		
100	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	4		
101	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	2		
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
103	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	8		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	6		
105	BL-6-SW-8	3/8 FLAT WASHER, Large OD, G8 ZC	4		
106	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	2		
107	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
108	BL-8-SW	1/2 SAE FW ZC	6		
109	BL-4-225-H	1/4 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	2		
110	BL-4-FW	1/4 USS FW ZC	10		
111	BL-4-LN	1/4-20 HEX LN NE ZC	2		
600	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1		
601	A-6901-12-8	12 SAE x 1/2” FPX 90°, Forged	2		
602	H10-108-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 108 in long	1		

603	H10-144-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 144 in long	1		
604	H6-PL	Push Loc Hose 3/8” @ ft. (Gray)	12		
605	ATB-06-06-06	3/8” x 3/8” x 3/8” Brass Hose Barb Tee	1		CL-10 needs to be used with this tee.
606	CL-10	Single Snap Grip Clamp for 3/8” Push Loc Hose	3		Use with ATB-06-06-06
607	A-1603-8-8-8	Swivel T 1/2” NPTF	1		
608	A-6401-10-8	10 SAE x 1/2 MPT Male	1		
609	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2		
610	H10-30-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 30 in long	1		
801	HM-412B	Key for Hydraulic Motor -Shaker Weight-Vibrator	1	HM-412C & HM-712C	
802	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1		
803	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1		

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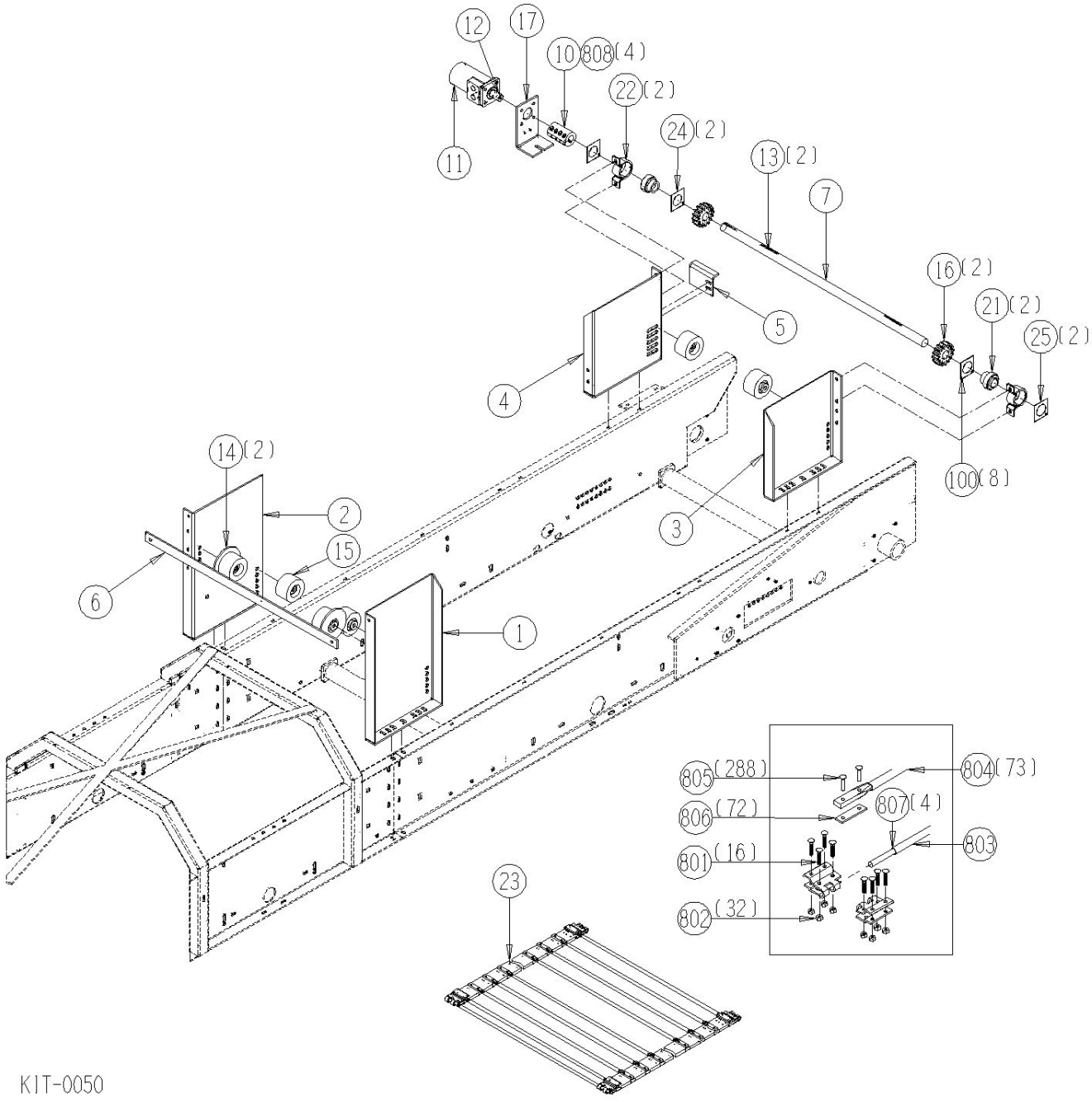
KIT-0121

10010-03-15 Optional Overhead Vine Assist Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	191-137	Vibrator cover, Top	-1	19101-	
0	KIT-0050	Overhead Vine Assist Kit	0		
0	191-137A	Vibrator cover, outer	-1	19101-	
0	191-137B	Vibrator cover, inner	-1	19101-	
1	PAN-1104	Panel, Weldment, Outer Forward, Vine Assist	1	Kit-0050	
2	PAN-1105	Panel, Weldment, Inner Forward, Vine Assist	1	Kit-0050	
3	PAN-1106	Panel, Weldment, Outer Rear, Vine Assist	1	Kit-0050	
4	PAN-1107	Panel, Weldment, Inner Rear, Vine Assist	1	Kit-0050	
5	193-806B	Motor Mount Stop	1		
6	BAR-1100	Bar, Connecting Bar, Front, Vine Assist	1	Kit-0050	
7	193-603	Shaft, Elevation	1	19301- (Elevation), KIT-0101 (Vine Assist),KIT-0050,Kit-0051	
10	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
11	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
12	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
13	KEY-4-4-28	Shaft Key 1/4” x 1 ¾”	2		
14	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	2		
15	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2” bore, no flange	4		
16	SPU-3610-20-4	Sprocket 36-10 1 1/4 bore 1/4” key urethene	2		
17	193-806	Mount motor	1		
21	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
22	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
23	BC-6-3272-74-AL	32” x 72mm,74 Bars (209.76”), 60mm Belting,3/8”Bar	1		
24	SC-20-6	Bearing Protector, 1¼”, Inner Side	2		
25	SC-20-7	Bearing Protector, 1¼”, Outer, Lock Collar Side	2		
26	STP-FL30	Stop, Flow Control	1	19101-	
100	BL-1032-175P	10/32 x 1 ¾” Pan Head, Phillips Machine Screw	8		

101	BL-6-SW	3/8 SAE FW ZC	42		
102	BL-6-SW-8	3/8 SAE FW G8 ,Yellow Zinc, Thru Hardened	6		
103	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	20		
104	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	12		
105	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	4		
106	BL-6-150-C	3/8 UNC X 1 1/2 CARRIAGE BOLT GR5 ZINC	4		
107	BL-6-LW	3/8 SPLIT LW ZC	4		
108	BL-6-N	3/8-16 HEX NUTS ZC	4		
109	BL-6-275-H	3/8-16 X 2 ¾ HEX CAP G5 ZC	4		
110	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	6		
111	BL-8-SW	1/2 SAE FW ZC	6		
112	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
113	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	2		
114	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
601	A-6900-10-8	10 SAE x 1/2 FPX	2		
602	A-1405-12-12	¾ NPT coupler w/swivel	1		
604	H12-36-12MP-8MP	¾ in hose ¾MP x 1/2MP x 36 in long	1		
605	H12-20-12MP-8MP	¾ in hose ¾MP x 1/2MP x 20 in long	1		
800	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32 @ pair	2		Replaces BC-F-36-32
801	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	16		
802	BC-1032-LN	10-32 lock nuts	32		
803	BC-F-60SP	60mm Connecting Pin, Smooth w/ Grooves for Grip Clip	1		
804	BC-6-32-ST	3/8” x 32” Belted Chain Rods for 60mm Belt	73	11001	
805	RI-19-BC	19mm Belted Chain Rivets	288		
806	BC-BP32	Belt, Rivet backing plates 32mm	72	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts
807	BC-3510	Grooveless Snap Ring, 10mm.	4		
808	BL-5-125-SCF	5/16 - 24 x 1 1/4”, Socket Head Cap Screw	4		
809	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		

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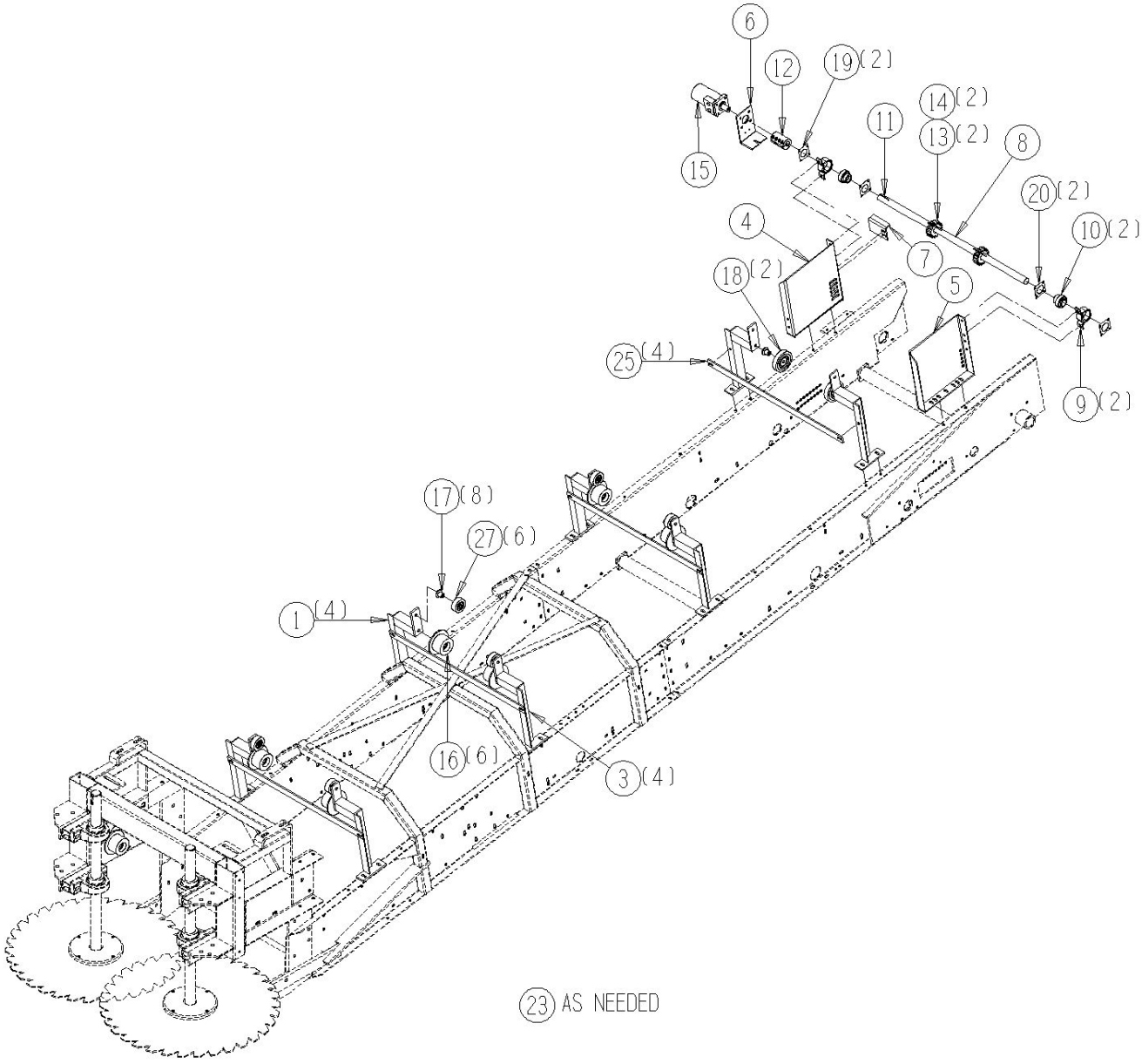

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10010-03-17 Optional Overhead Vine Assist/Full Length

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0215	Full Length Vine Assist for Disk Header	0		
1	BRA-0099	Bracket Roller MountOverhead Vine Assist Sickle	4	KIT-0011	
3	BRA-0098	Bracket Roller Mount	4	KIT-0011	
4	PAN-1107	Panel, Weldment, Inner Rear, Vine Assist	1	Kit-0050	
5	PAN-1106	Panel, Weldment, Outer Rear, Vine Assist	1	Kit-0050	
6	193-806	Mount motor	1		
7	193-806B	Motor Mount Stop	1		
8	SFT-0020	Shaft,Overhead Vine Assist190Sickle,20in. Wide	1	KIT-0011 KIT-0215	
9	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
10	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
11	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
12	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
13	SPU-3610-20-4	Sprocket 36-10 1 1/4 bore 1/4” key urethene	2		
14	KEY-4-4-28	Shaft Key 1/4” x 1 ¾”	2		
15	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
16	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	6		
17	RLA-000-118	Standoff, 1/2” X 1 1/8”	8		
18	RLR-040-108	4” Flat Roller	2		Changed to Urethane in 2006
19	SC-20-6	Bearing Protector, 1¼”, Inner Side	2		
20	SC-20-7	Bearing Protector, 1¼”, Outer, Lock Collar Side	2		
23	WT-11	Wire Tie 11”	20		
24	BC-6-20108-107	Belted Chain, 3/8 x 20, 2x60, 107 Pitches Long	1		
25	BAR-0134	Vine Assist Tomato,Cross Bar Support	4		
27	RLT-027-108	Roller 2.75” dia. 1/2” Bore	6		2755C1X (Old Number, Single Bearing)
100	BL-1032-175P	10/32 x 1 ¾” Pan Head, Phillips Machine Screw	8		
101	BC-1032-LN	10-32 lock nuts	8		
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	20		
103	BL-6-SW	3/8 SAE FW ZC	30		

104	BL-6-SW-8	3/8 SAE FW G8 ,Yellow Zinc, Thru Hardened	26
105	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	26
106	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	10
107	BL-6-LW	3/8 SPLIT LW ZC	4
109	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	4
110	BL-8-325-H	1/2 UNC X 3 1/4 HH C/S BOLT GR5 ZINC	8
111	BL-8-550-H	1/2-13 X 5 1/2 HEX CAP G5 ZC	4
112	BL-8-500-H	1/2-13 X 5 HEX CAP G5 ZC	4
113	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	20
114	BL-8-FW	1/2 USS FW ZC	16
115	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	26
116	BL-10-FW-8	5/8” Grade 8 Flat Washer	32
117	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	2
118	BL-10-LN	5/8-11 HEX LN NE ZC	2
119	BL-10-650-H	5/8 UNC X 6 1/2 HH C/S BOLT GR ZINC	2
600	A-6900-10-8	10 SAE x 1/2 FPX	2
601	A-1405-12-12	¾ NPT coupler w/swivel	1
602	H12-20-12MP-8MP	¾ in hose ¾MP x 1/2MP x 20 in long	1
603	H12-36-12MP-8MP	¾ in hose ¾MP x 1/2MP x 36 in long	1
800	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1

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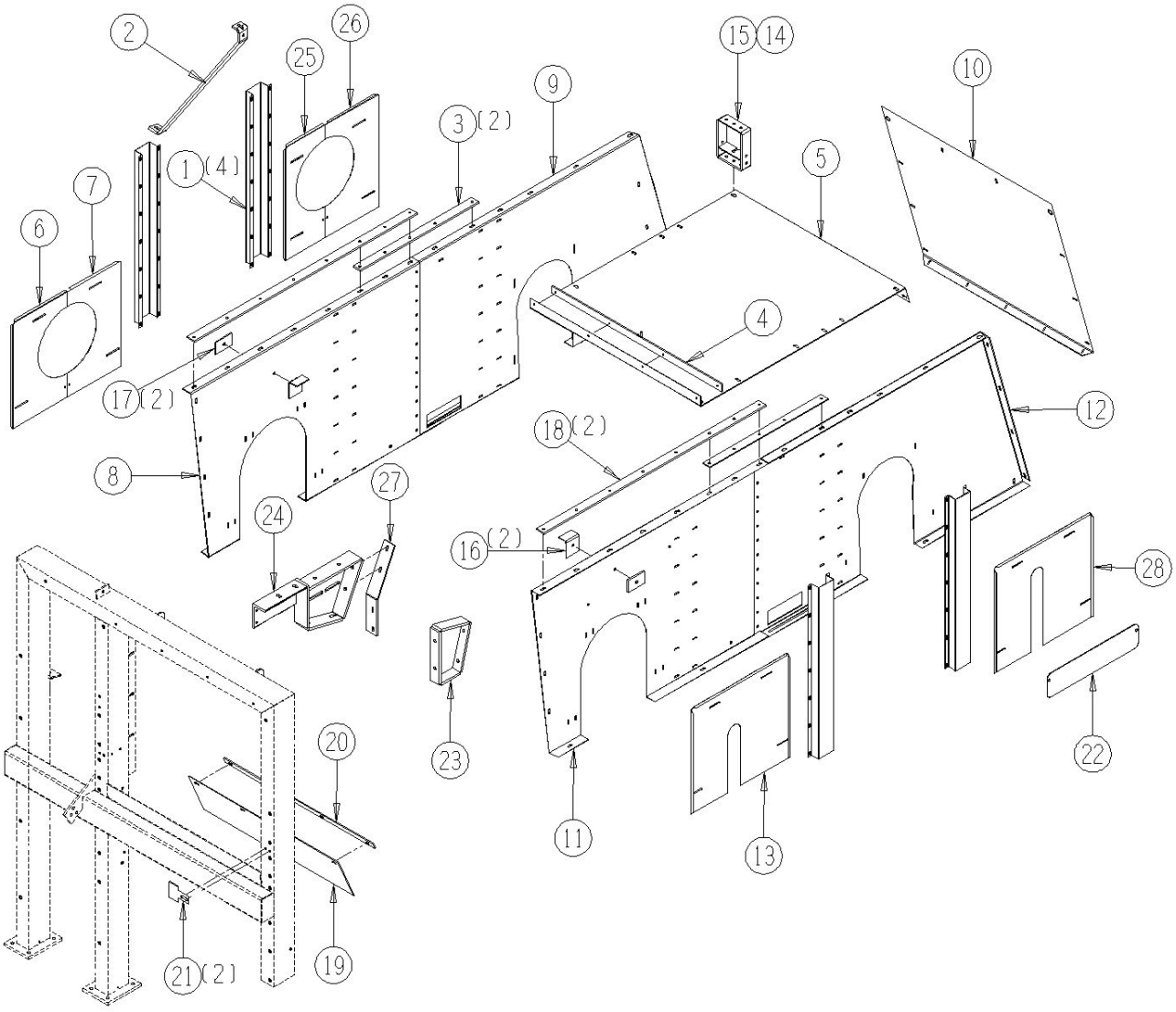
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10010-04-01 Primary (in Place of) Secondary Shaker Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	194-301B	Post, Shaker Side	4	19401-	
2	195-320	Support Brace (Shaker Side)	1		
3	BAR-301	Bar, Shaker Panel, Support (Tomato)	2	19601-	
4	193-303C	Support Bar	1	19301-	
5	193-303A	Shaker chamber diagonal cover, top	1	19301-	
6	191-312R	Primary Shaker End Cover, Right	1	19101-	
7	191-312L	Primary Shaker End Cover, Left	1	19101-	
8	196-302	Panel, Right-Front Shaker (Tomato)	1		Replaces 192-302
9	SHD-0106	Sheild, Right Side, Bell Pepper, Shaker Chamber	1		
10	193-303B	Shaker chamber diagonal cover, back	1	19301-	
11	196-301	Panel, Left-Front Shaker (Tomato)	1	19601-	
12	SHD-0105	Shaker Chamber Assembly	1		
13	195-312	Cover, Shaker End (Outer)	1	19501-	
14	EL-1206	Double Amber Lamp	1		
15	SHD-1206	Shield, Flashing Light	1	30097001- 19601-	
16	193-309	Primary cover stop	2	19301-	
17	BAR-1861	Bar, Roller Backing Plate	2		
18	BAR-302	Bar, Shaker Panel, Front, Top Support	2		
19	191-210	Transfer Belting Shield	1	19101-	
20	191-210A	Transfer Entrance Belting Bar	1	19101-	
21	193-126	Saver Tab	2	19301-	
22	SHD-0112	Bottom Sheild, Bell Pepper	1		
23	MOU-0064	Mount, Shaker Frame, Bell Pepper	1		
24	MOU-0063	Mount, Pepper Harvester	1		
25	COV-0016	Cover Primary Shaker, End, Right Side	1		
26	COV-0017	Primary Shaker Cover	1		
27	BAR-1415	Bar, Strap for Shaker Mount, Pri ver Sec	1		
28	COV-0015	Cover Shaker End	1		

100	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	1
101	BL-4-062-C	1/4' x 5/8' Zinc Carriage Bolt	68
102	BL-4-075-H	1/4 UNC X ¾ HH C/S BOLT GR5 ZINC	4
103	BL-4-FW-8	1/4' Flat Washer Grade 8	76
104	BL-4-LN	1/4-20 HEX LN NE ZC	5
105	BL-4-LW	1/4 SPLIT LW ZC	68
106	BL-4-N	1/4-20 HEX FIN NUTS ZC	68
107	BL-6-075-C	3/8 UNC X ¾ CARRIAGE BOLT GR5 ZINC	12
108	BL-6-075-H	3/8-16 X ¾ HHCS G5 ZC	24
109	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	12
110	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	14
111	BL-6-125-C	3/8 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	1
112	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	64
113	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	39
114	BL-6-LW	3/8 SPLIT LW ZC	24
115	BL-6-N	3/8-16 HEX NUTS ZC	24
116	BL-6-SW	3/8 SAE FW ZC	62
117	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	1
118	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	1
119	BL-8-SW	1/2 SAE FW ZC	1

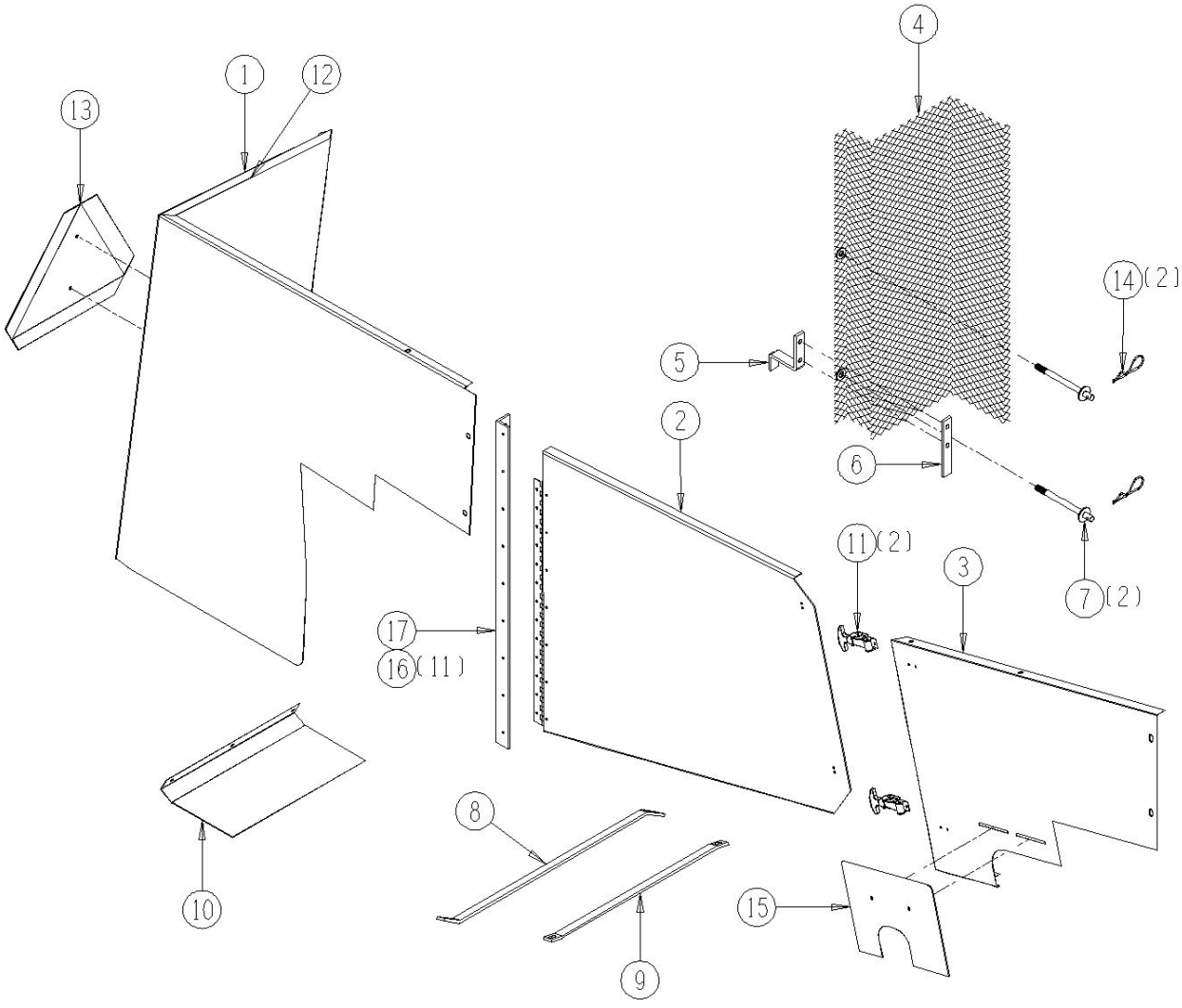
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10010-04-02 Primary (in Place of) Secondary Shaker Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	SHD-0109	Sheild, Rear Primary Shaker, Bell Pepper	1		
2	SHD-0108	Sheild, Middle Shaker, Door	1		
3	SHD-0107	Sheild, Shaker Front, Bell Pepper	1		
4	192-1142	Shaker shield-expanded metal	1	19101-	
5	192-1142A	Bracket for Front Shaker Shield	1		
6	BAR-1142A	Bar, Shield, Shaker	1	19201-	
7	192-1142B	Holder Bolt	2	19201-	
8	195-1140A	Brace for Shaker Shield	1		
9	195-1140B	Brace for Shaker Shield	1		
10	SHD-1141A	Shield, Secondary Shaker Add-On	1	19501-	
11	LA-1530	Medium Rubber T Latch Assembly	2		
12	DC-1178	Decal, Small Red PIK RITE 4.25” x 31”	1		
13	SMV-PL	SMV Sign, Metal	1		
14	HC-1130B	Hair Pin Clip	2		
15	SHD-1145	Shield, Shaker, Front	1		
16	RI-3-5-SS	SS Pop Rivets, 5/32 x .063-.125, Buttonhead	11		
17	POS-1416	Post, Angle, Shaker Shield, Door	1		

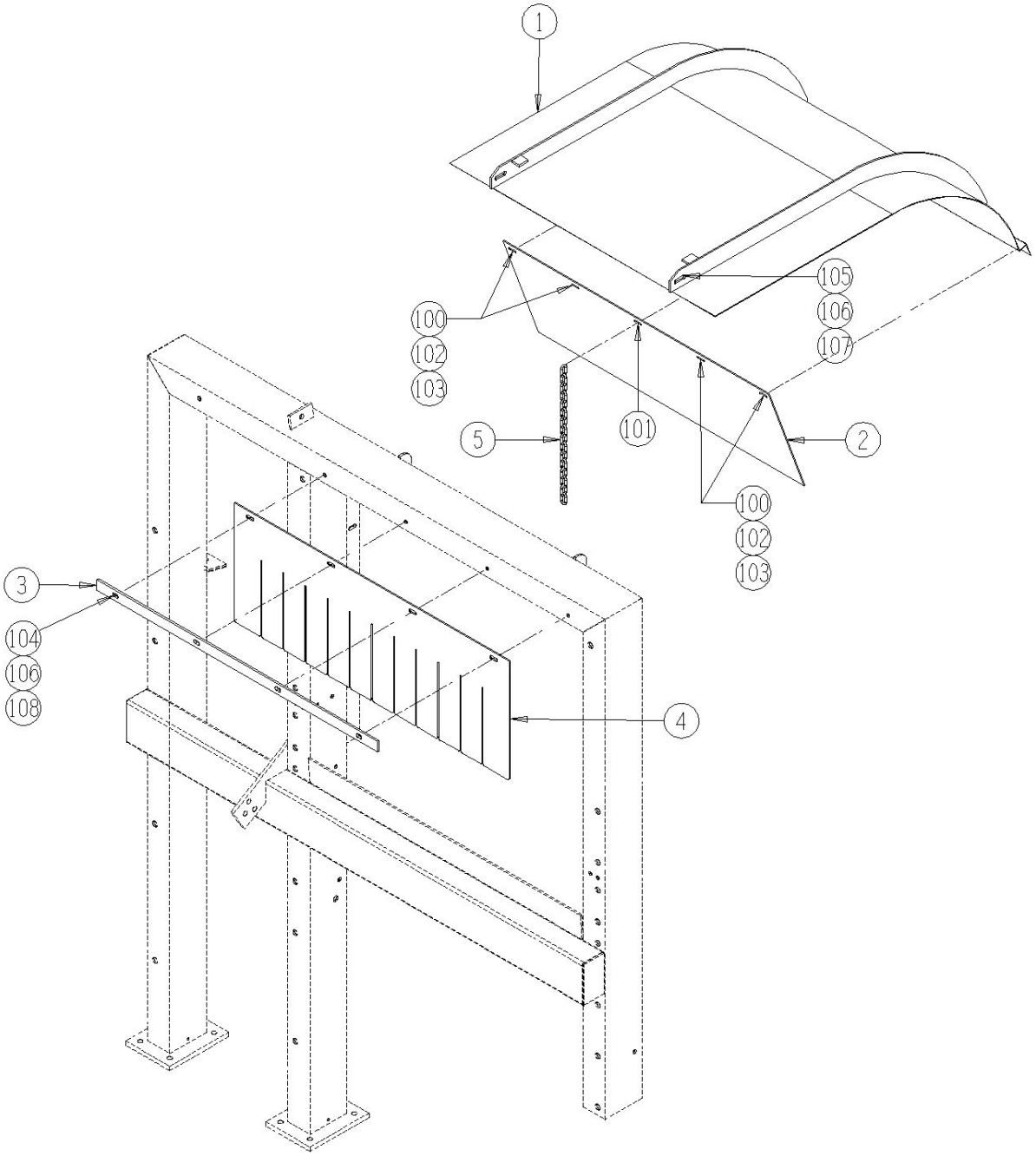
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10010-04-03 Shaker Cover Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	192-310	Cover, Primary Shaker	1	19201-	
2	191-310B	Belting, Primary Shaker Cover	1	19101-	
3	191-119A	Shaker Entrance Belting Bar	1	19101-	
4	191-119	Header Throat Belting Shield	1	19101-	
5	191-313	Chain, Shaker Cover, Panel Stiffener	1	19101- 30095001-	
100	BL-4-075-H	1/4 UNC X ¾ HH C/S BOLT GR5 ZINC	4		
101	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	1		
102	BL-4-FW-8	1/4” Flat Washer Grade 8	10		
103	BL-4-LN	1/4-20 HEX LN NE ZC	5		
104	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
105	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	2		
106	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	8		
107	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
108	BL-6-LW	3/8 SPLIT LW ZC	4		

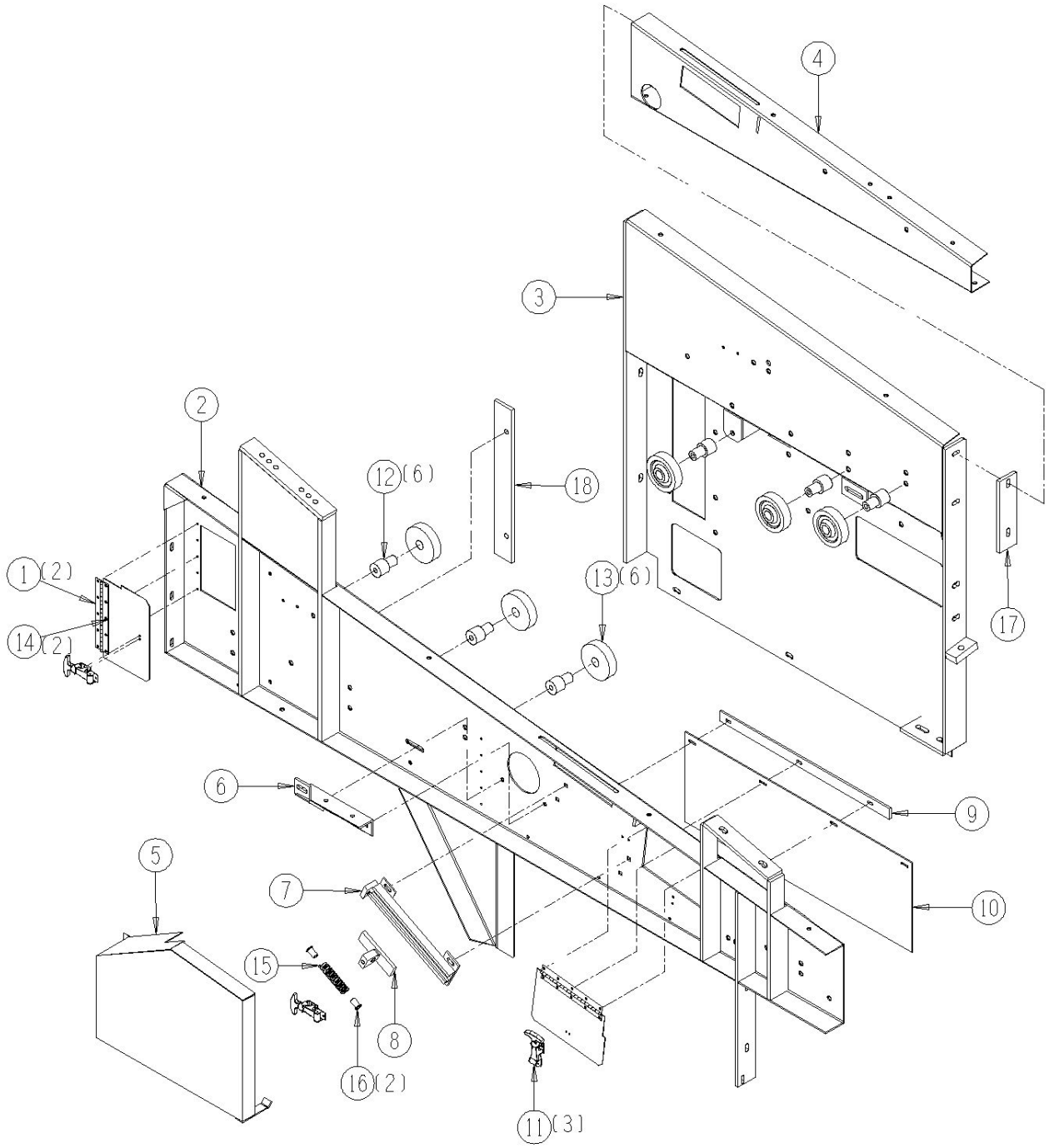
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10010-04-04 Transfer Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	195-304D	Access Door w/Hinge	2		
2	192-304	Shaker chamber support panel left	1	19201-	Must use SUP-1304 with this part.
3	PAN-325	Panel, Inner Shaker, Side Support	1		
4	192-306	Shaker chamber support panel rear	1	19201-	Must use SUP-1306 with this part.
5	195-207	Transfer Roller Drive Shield	1		
6	195-208	Idler Bracket for Transfer Roller Drive	1		
7	195-206	Transfer Roller Drive Adjuster Bracket	1		
8	195-206A	Transfer Roller Drive Slider	1		
9	BAR-646	Bar, Belting, Cross Conv. Entr, Separation Kit	1		
10	191-646	Belting, Cross Conveyor	1	19101-	
11	LA-1530	Medium Rubber T Latch Assembly	3		
12	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	6	19101-	
13	RLG-040-1016	4” Urethane Roller	6	Old Terog Part No. RU4	
14	DC-1176	Decal, Danger-Hand Chain Sprockets	2		
15	SPG-9657C	Compression Spring for Transfer Roller Drive	1	195-208K	
16	BU-6389N	Nylon Bushing for Transfer Roller Drive	2	195-208K	
17	SPA-306	Spacer, Inner Rear Panel, Shaker	1		
18	BAR-305	Bar, Panel Backing, Transfer	1	19501- KIT-0030	
19	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.005		
101	BL-10-200-H	5/8-11 X 2 HEX CAP G5 ZC	1		
102	BL-10-N	5/8-11 HEX FIN NUTS ZC	1		
103	BL-8-1200-T	1/2-13 X 12” Hex head Tap Bolt Grade 5 Plated	1		
104	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	22		

10010-04-04

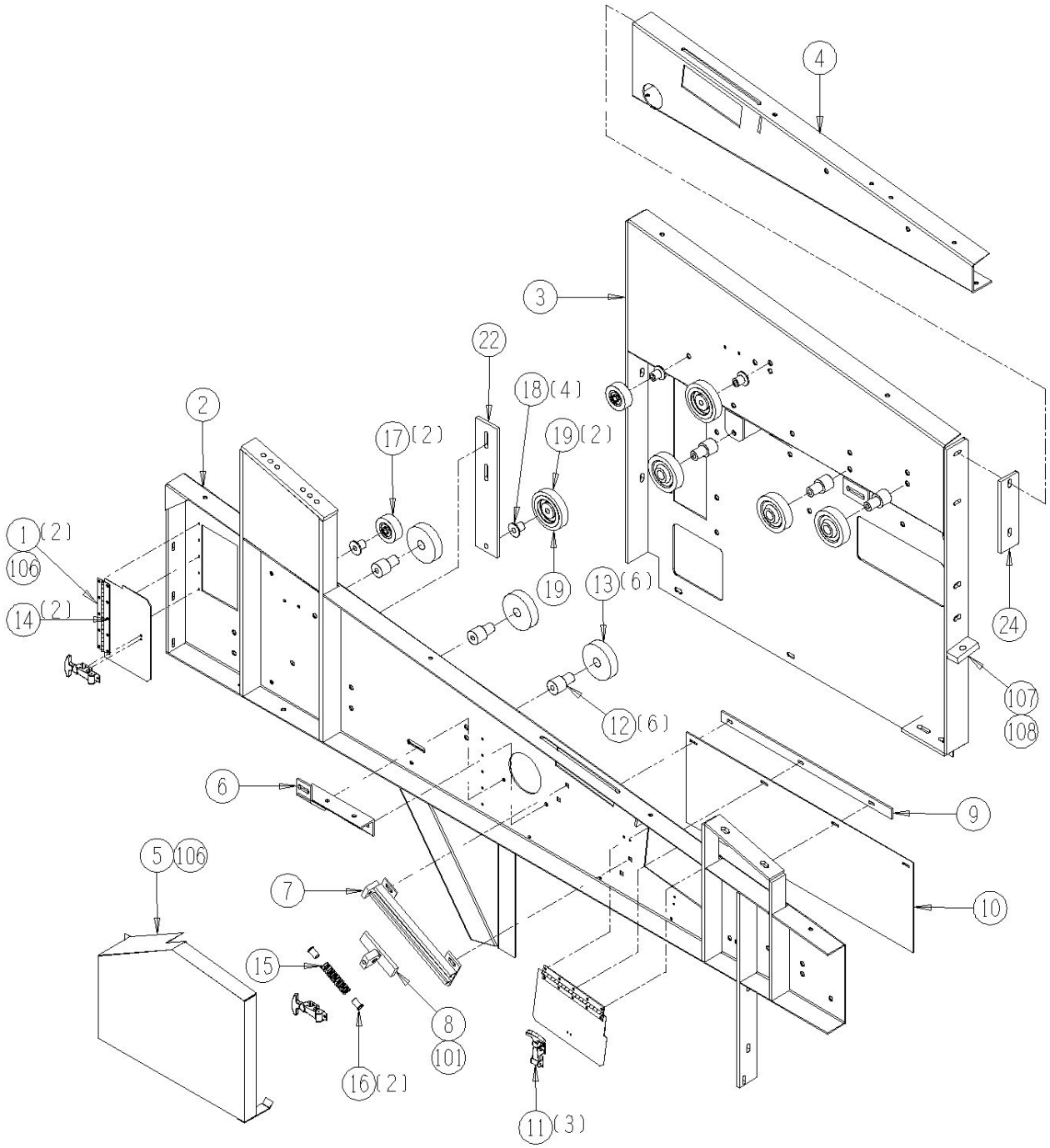


10010-04-05 Optional Transfer x/Vine Chain Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	195-304D	Access Door w/Hinge	2		
2	192-304	Shaker chamber support panel left	1	19201-	Must use SUP-1304 with this part.
3	PAN-325	Panel, Inner Shaker, Side Support	1		
4	192-306	Shaker chamber support panel rear	1	19201-	Must use SUP-1306 with this part.
5	195-207	Transfer Roller Drive Shield	1		
6	195-208	Idler Bracket for Transfer Roller Drive	1		
7	195-206	Transfer Roller Drive Adjuster Bracket	1		
8	195-206A	Transfer Roller Drive Slider	1		
9	BAR-646	Bar, Belting, Cross Conv. Entr, Separation Kit	1		
10	191-646	Belting, Cross Conveyor	1	19101-	
11	LA-1530	Medium Rubber T Latch Assembly	3		
12	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	6	19101-	
13	RLG-040-1016	4” Urethane Roller	6	Old Terog Part No. RU4	
14	DC-1176	Decal, Danger-Hand Chain Sprockets	4		
15	SPG-9657C	Compression Spring for Transfer Roller Drive	1	195-208K	
16	BU-6389N	Nylon Bushing for Transfer Roller Drive	2	195-208K	
17	RLT-027-108	Roller 2.75” dia. 1/2” Bore	2		2755C1X (Old Number, Single Bearing)
18	RLA-000-118	Standoff, 1/2” X 1 1/8”	4		
19	RLR-040-108	4” Flat Roller	2		Changed to Urethane in 2006
21	BC-3526	Split Retaining Ring (Cross Clip)	2		
22	BAR-1307	Bar, Hold Down, Transfer Roller	1		
24	SPA-306	Spacer, Inner Rear Panel, Shaker	1		
25	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.005		
101	BL-8-1200-T	1/2-13 X 12” Hex head Tap Bolt Grade 5 Plated	1		
102	BL-4-075-C	1/4 UNC X ¾ CARRIAGE BOLT GR5 ZINC	4		
103	BL-4-N	1/4-20 HEX FIN NUTS ZC	4		
104	BL-4-FW-8	1/4” Flat Washer Grade 8	4		
105	BL-4-LW	1/4 SPLIT LW ZC	4		

106	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	22
107	BL-10-200-H	5/8-11 X 2 HEX CAP G5 ZC	1
108	BL-10-N	5/8-11 HEX FIN NUTS ZC	1

10010-04-05

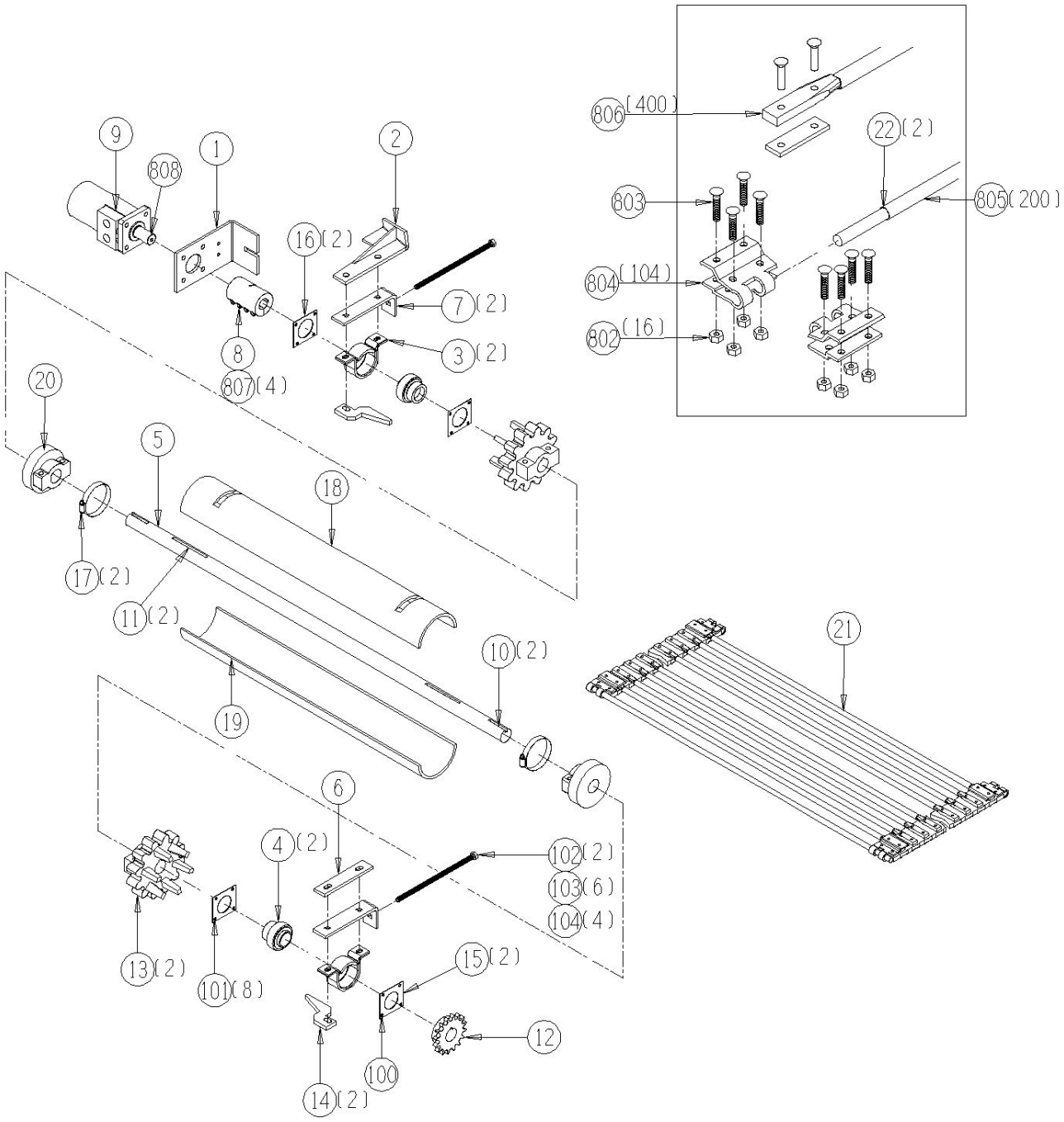

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10010-04-06 Transfer Drive Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	193-806	Mount motor	1		
2	195-213	Stop, Transfer Motor Drive	1	19501-194-806K	
3	BR-062-MPB	Stamped Bearing Housing for 1 1/4" bearing	2		
4	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
5	195-202	Shaft for kit 44 1/2"long keyed both ends	1	19501-195-208K	
6	192-805	Bracket, Outer Transfer Drive	1	19201-	
7	192-1528	Bearing Adjuster	2	19201-	
8	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
9	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
10	KEY-4-4-20	Shaft Key 1/4" x 1 1/4"	2		
11	KEY-4-4-44	Shaft Key 1/4" x 2 ¾"	2		
12	SP-50B16-20-4	Hardened Tooth Sprocket, #50, 16 Tooth, 1. 25" Bore	1		
13	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4" key	2		Sub SP-3612-20-4
14	SCR-100	Scraper, Sprocket, Inner	2		
15	SC-20-6	Bearing Protector, 1¼", Inner Side	2		
16	SC-20-7	Bearing Protector, 1¼", Outer, Lock Collar Side	2		
17	CL-72	5" Gear Clamp	2		
18	PL-1413	Plastic, Shield, Anti-Wrap, Shaft Drive	1		
19	PL-1414	Drive Shaft, Plastic, 28.25"	1	KIT-0075	
20	PL-1421	Urethane Hub for Shaft Cover 1 1/4" Bore	2		Replaces PL-1415
21	BC-7-3636-105	Transfer Chain, 7/16" Bars 36" Wide, 105 Links 36mm	1		
22	BC-3525	Snap Ring, 11mm.	2		
101	BL-1032-175P	10/32 x 1 ¾" Pan Head, Phillips Machine Screw	8		
102	BL-6-900-T	3/8-16 X 9 HEX TAP G5 ZC	2		
103	BL-6-N	3/8-16 HEX NUTS ZC	6		
104	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	4		
800	BC-1032-FS	10-32 x 1 1/4" bolts Flat Socket Head	16		
801	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32 @ pair	2		Replaces BC-F-36-32

802	BC-1032-LN	10-32 lock nuts	16		
803	BC-7-36-CN	Connecting Rod, 11mm, 36” Wide Belted Chain, 60mm Traction Belts	1	11001	For Clip Splice Option
804	BC-7-36-AC	7/16” x 36” Rod w/ 24mm Air Cushion Cover	104		
805	BC-BP32	Belt, Rivet backing plates 32mm	200	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts
806	RI-25-BC	25mm Belted Chain Rivets	400		
807	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	
808	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		

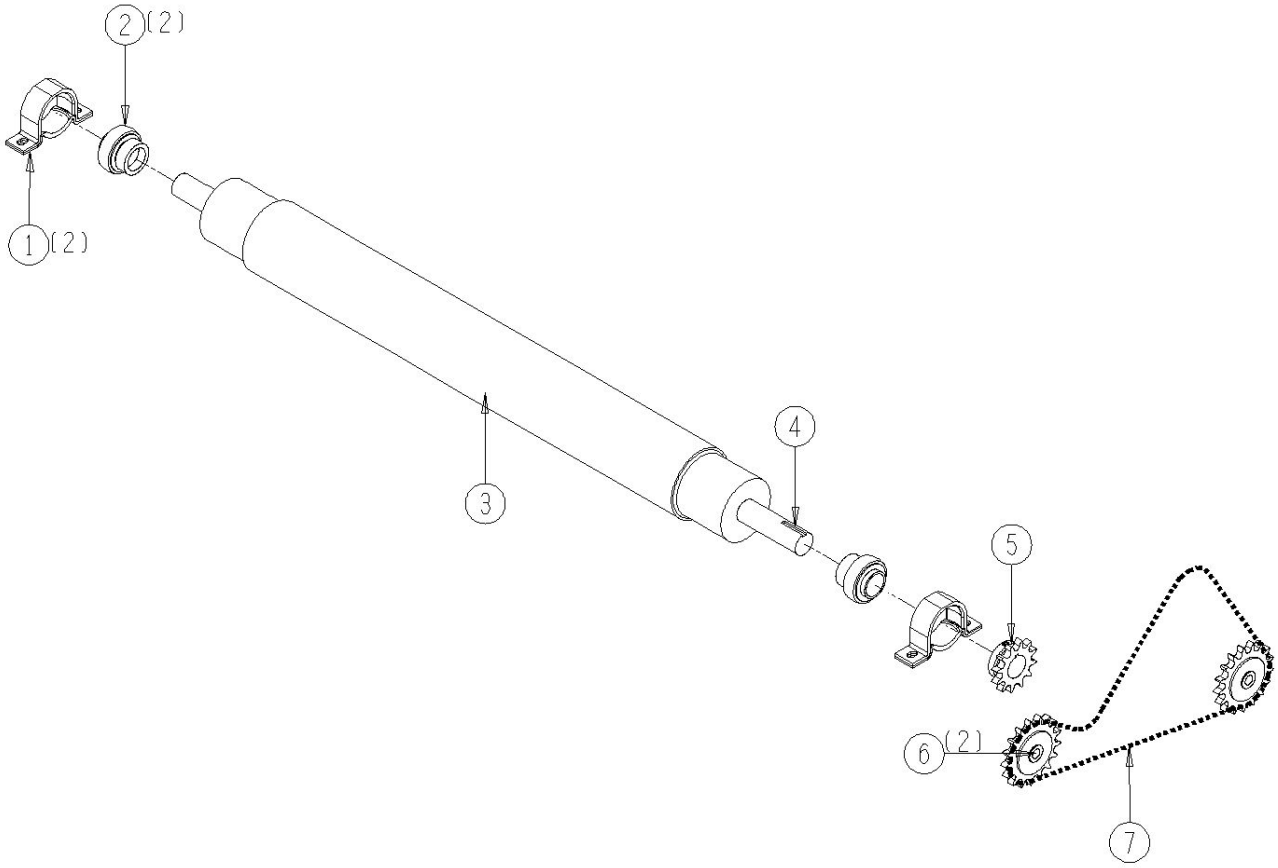
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10010-04-07 Transfer Return Roller Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	RLR-0016	Transfer Return Roller, Rubber, 190 Tomato	1		
4	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
5	SP-50B12-20-4	Hardened Tooth Sprocket, #50, 12 Tooth, 1.25” Bore	1	19201-	
6	SP-5017-T	Idler, 17 tooth x #50 Chain	2		
7	CH-50-73	Roller Chain 73 pitches #50, w/master link	1	19401- 195-208K	

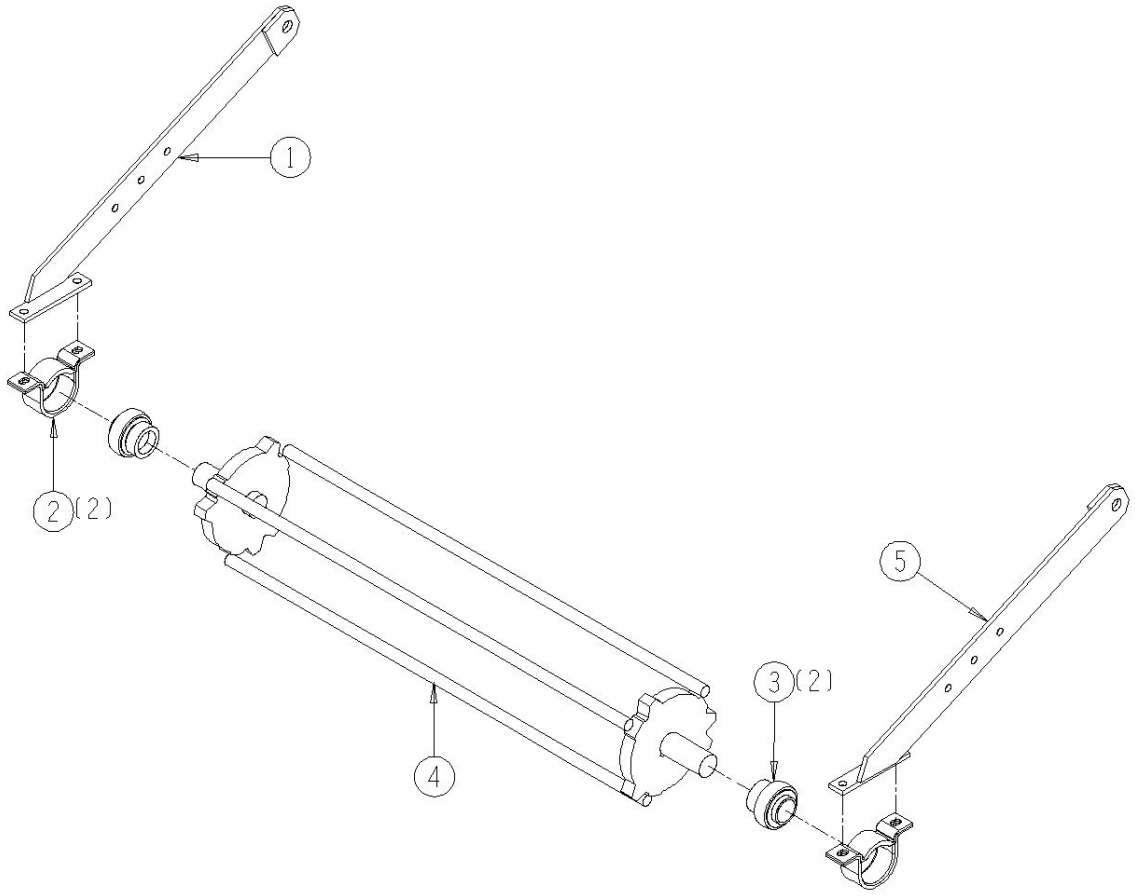
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10010-04-08 Optional Transfer Chain Cleaner Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	192-362B	Chain cleaner bar (Right)	1	19101	
2	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
3	BR-125-062I	Bearing, 1 1/4” ID, TS	2		FIT Bearing
4	194-361	Bar Cleaner, 36mm pitch x 36in wide chain	1	19401-	Replaces 192-361
5	192-362A	Chain cleaner bar (Left)	1	19101-	
100	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
102	BL-6-SW	3/8 SAE FW ZC	8		
103	BL-10-075-SH	5/8 X ¾ SHOULDER BOLTS	2	11001-	
104	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	2		
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	2		

10010-04-08

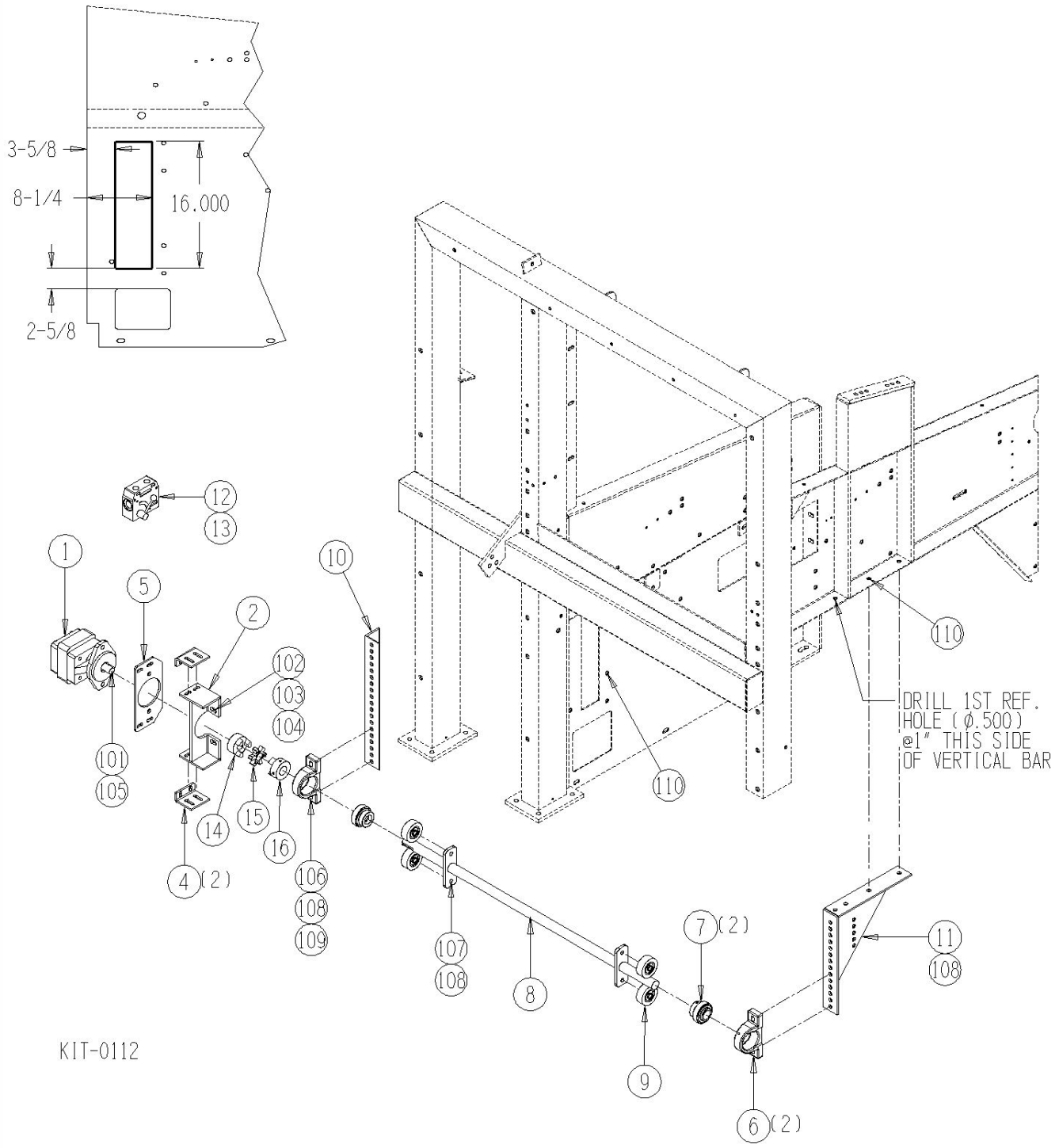


10010-04-09 Optional Transfer Dirt Vibrator Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	BAR-1307	Bar, Hold Down, Transfer Roller	-1		
0	KIT-0112	190 Power Vibrator, Transfer w/brackets	0	19501-	send hyd. schematic drawing along 1003-11-1
1	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1" shaft
2	MOU-0167	Mount, Motor Cross Vibrator,190	1		
3	MOU-0165	Motor Mount, Stop, Cross Vibrator, 190 Tomato	1		
4	MOU-0175	Mount, Cross Vibrator 190	2		
5	KEY-4-4-20	Shaft Key 1/4" x 1 1/4"	1		
6	BR-072-RAK	72mm Cast Housing	2		
7	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
8	SFT-1360	Shaft, Dirt Vibrator, Transfer Belt	1		
9	RLT-027-108	Roller 2.75" dia. 1/2" Bore	4		2755C1X (Old Number, Single Bearing)
10	BRA-1360	Bracket, Vibrator, Transfer Chain	1		
11	BRA-1362	Bracket, Vibrator Transfer Return	1		
12	HV-FL30	Flow Control Valve 30GPM	1		
13	STP-FL30	Stop, Flow Control	1	19101-	
14	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
15	CPJ-6055	Coupler, L100, Urethene Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
16	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore	1	19101	Sub 194-6053 Exept on Debris Fan
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	8		
103	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8		
104	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	16		
106	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	2		
107	BL-8-275-H	1/2 UNC X 2 ¾ HH C/S BOLT GR5 ZINC	4		
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	14		
109	BL-8-SW	1/2 SAE FW ZC	20		
110	BL-8-125-H	1/2-13 X 1 1/4 HEX CAP G5 ZC	6		
111	BL-4-225-H	1/4 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	2		

112	BL-4-FW-8	1/4” Flat Washer Grade 8	2	
113	BL-4-LN	1/4-20 HEX LN NE ZC	2	
114	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	2	
601	A-6901-10-12	10 SAE x ¾ FPX90°, Forged	4	
602	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1	
603	A-6900-10-8	10 SAE x 1/2 FPX	1	
604	A-1405-8-8	1/2” NPT Coupler W/Swivel	1	
605	H12-27-8MP-8MP	¾ in hose 1/2MP x 1/2MP x 27 in long	1	
606	H12-27.5-12MP-12MP	¾ in hose ¾MP x ¾MP x 27.5 in long	1	HV-1045K
607	H12-30-12MP-8MP	¾ in hose ¾MP x 1/2MP x 30 in long	1	
608	H12-50-12MP-8MP	¾ in hose ¾MP x 1/2MP x 50 in long	1	
801	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1	
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	1	CPS-6057
803	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1	
804	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1	

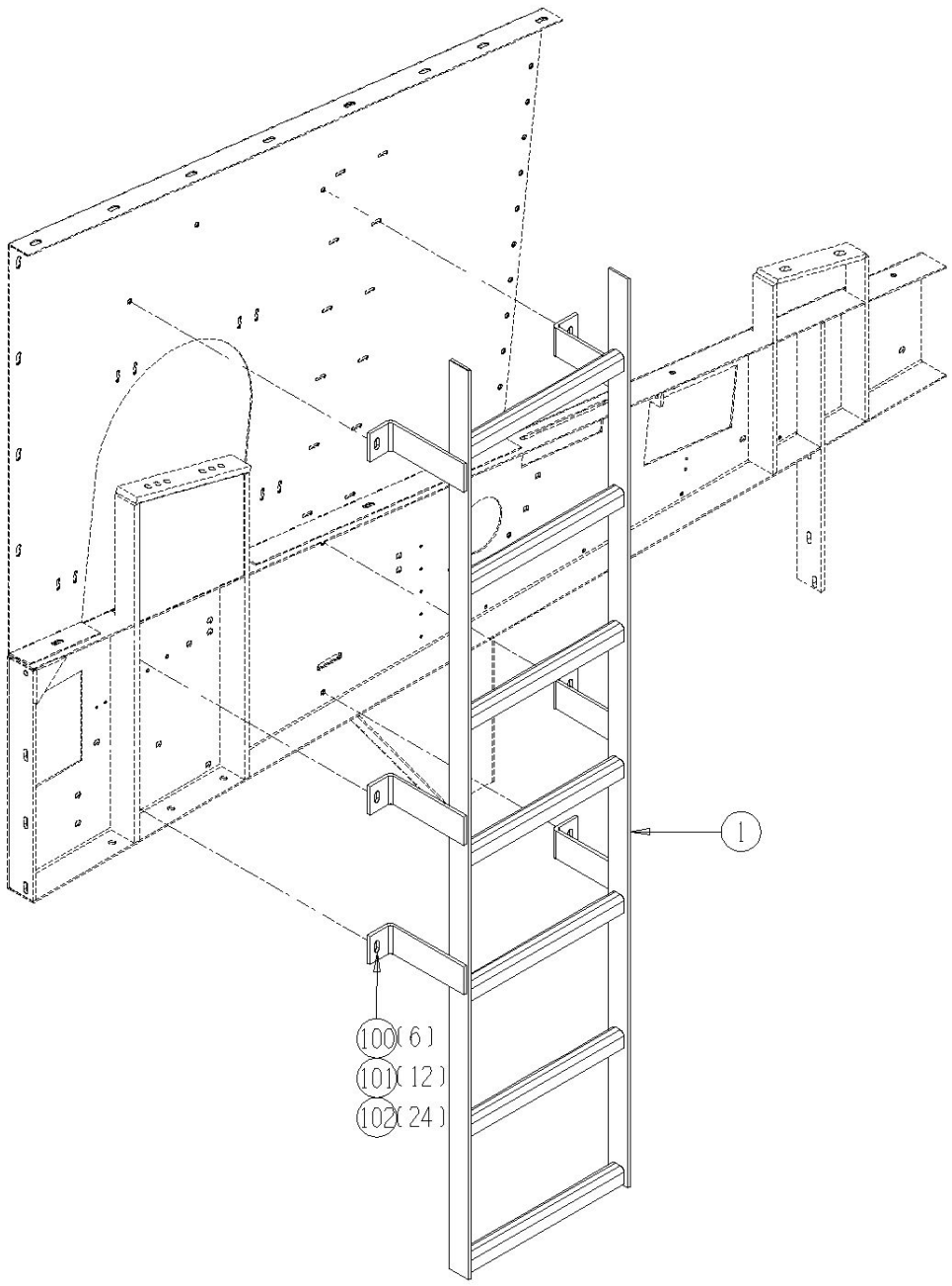
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10010-04-10 Shaker Chamber Ladder Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	STD-8403	Header Side Ladder, Shaker Chamber, 190 Tomato	1		
100	BL-6-175-H	3/8-16 X 1 ¾ HHCS G5 ZC	6		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	12		
102	BL-6-FWSS	3/8 USS FW SS	24		

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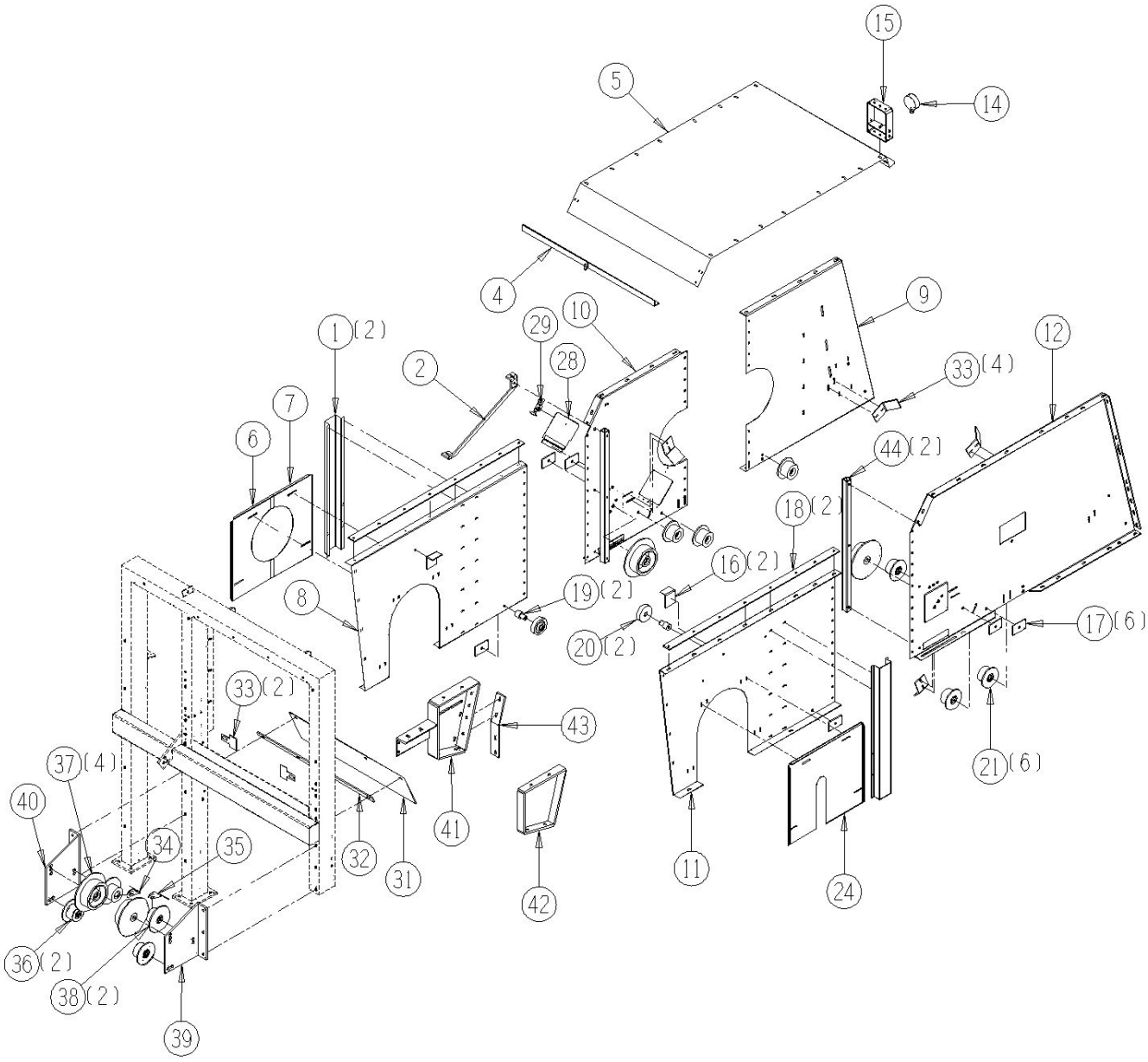


10010-04-50 Opt. Shaker Chamber w/Vine Chain Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	BT-960-8M-30	Shaker Drive Belt(30MM Wide)	-1		Can not replace with BT-390H100 belts unless all the pulleys are changed.
1	194-301B	Post, Shaker Side	2	19401-	
2	195-320	Support Brace (Shaker Side)	1		
3	SHD-1898	Shield, Push Offs, Product Deflectors	4		
4	BAR-303	Bar, Angle, Shaker Cover Hook Bar Mount	1		
5	PAN-307	Cover, Diagonal, Top,Tomato	1	KIT-0080	
6	191-312R	Primary Shaker End Cover, Right	1	19101-	
7	191-312L	Primary Shaker End Cover, Left	1	19101-	
8	196-302	Panel, Right-Front Shaker (Tomato)	1		Replaces 192-302
9	PAN-308	Panel, Right, Rear,Tomato	1	KIT-0080	
10	PAN-309	Panel, Right/Mid,Tomato	1	KIT-0080	
11	196-301	Panel, Left-Front Shaker (Tomato)	1	19601-	
12	PAN-306	Panel, Left/Rear	1	KIT-0080	
14	EL-1206	Double Amber Lamp	1		
15	SHD-1206	Shield, Flashing Light	1	30097001- 19601-	
16	193-309	Primary cover stop	2	19301-	
17	BAR-1861	Bar, Roller Backing Plate	6		
18	BAR-302	Bar, Shaker Panel, Front, Top Support	2		
19	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	2	19101-	
20	RLG-040-1016	4” Urethane Roller	2	Old Terog Part No. RU4	
21	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	6		
24	195-312	Cover, Shaker End (Outer)	1	19501-	
26	DC-1400	Decal, Secondary Transfer, Yellow	1		
27	DC-1430	Decal, Vine Chain	1		
28	195-304D	Access Door w/Hinge	1		
29	LA-1530	Medium Rubber T Latch Assembly	1		
30	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
31	191-210	Transfer Belting Shield	1	19101-	

32	191-210A	Transfer Entrance Belting Bar	1	19101-
33	193-126	Saver Tab	2	19301-
34	RLA-3023-T	Straight Scraper, RH	1	
35	RLA-3024-T	Straight Scraper	1	
36	RLT-535-2210	5” Flange Roller 2.2 WF 3.5 dia, 5/8” bore	2	
37	RLT-965-2212	9.5” Flange Roller 6.5 WF 2.2 WW ¾ bore, 3 brng.	4	
38	RLT-635-2210-SC	6 1/2”Flange Roller w/Shaft for Scraper 5/8” Bore	2	
39	SUP-1423	Support, Roller,Transfer, Outer,Tomato	1	
40	SUP-1424	Support, Roller, Transfer Chain, Inner, Tomato	1	
41	MOU-1416	Mount, Sec. Shaker, Inner	1	KIT-0080
42	MOU-1418	Mount, Sec. Shaker, Outer	1	KIT-0080
43	BAR-1416	Bar, Stiffner, Secondary Shaker Mount	1	
44	BAR-0116	Tube, Support, Shaker Panel, 190 Tomato Harvester	2	
150	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	9	

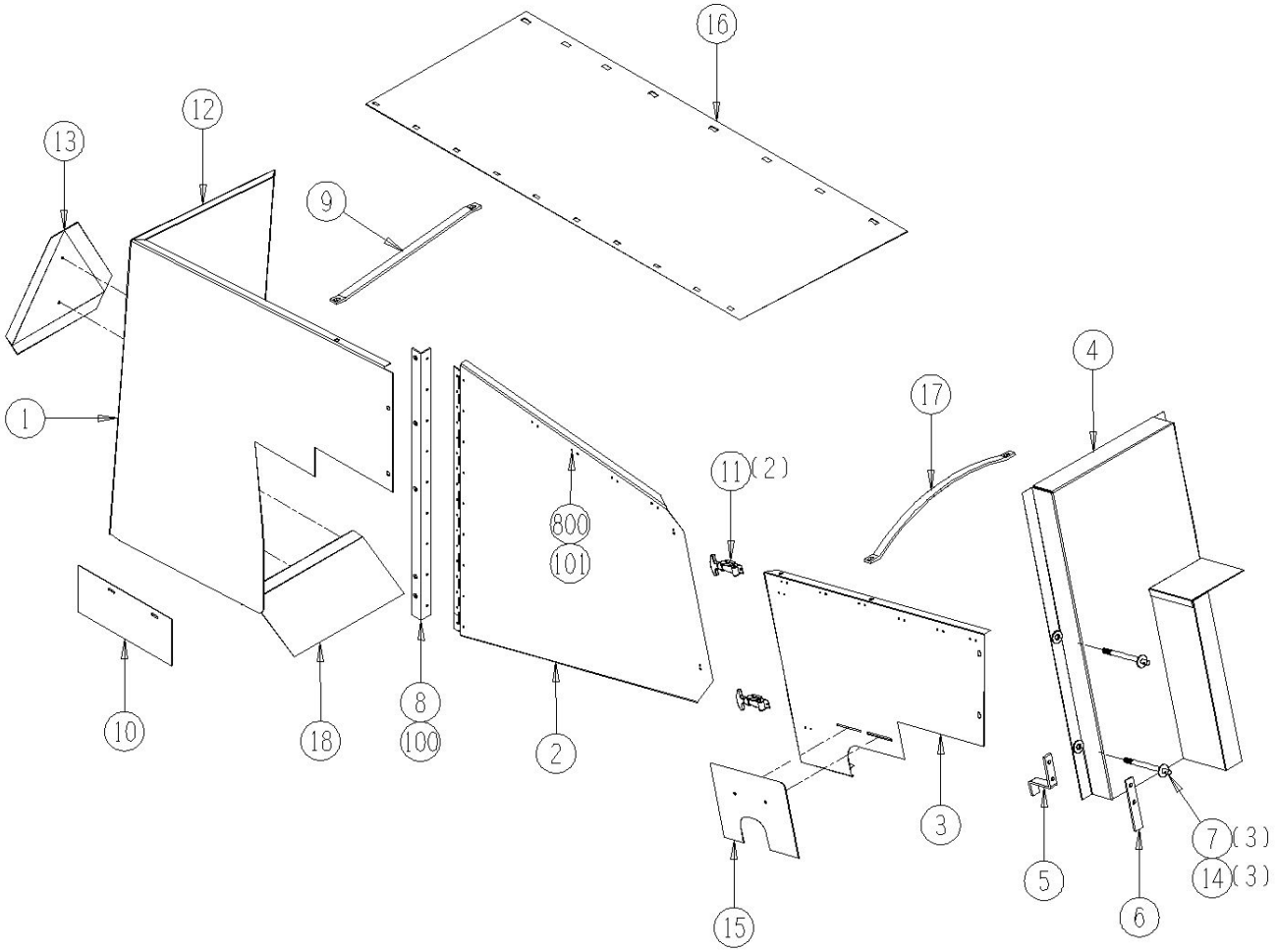
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10010-04-51 Optional Shaker Chamber Box Shield Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	SHD-0109	Sheild, Rear Primary Shaker, Bell Pepper	1		
2	SHD-1417	Shield, Middle Shaker, Separation Kit	1	<19601 & 19901-	
3	195-1140	Shaker Shield (Front)	1	19501-19524 & 19901-	
4	SHD-1142	Shield, Shaker, Front of Shaker Frame	1		
5	192-1142A	Bracket for Front Shaker Shield	1		
6	BAR-1142A	Bar, Shield, Shaker	1	19201-	
7	192-1142B	Holder Bolt	3	19201-	
8	POS-1416	Post, Angle, Shaker Shield, Door	1		
9	195-1140B	Brace for Shaker Shield	1		
10	PL-1420	Shield, Secondary Shaker Belt	1		
11	LA-1530	Medium Rubber T Latch Assembly	2		
12	DC-1178	Decal, Small Red PIK RITE 4.25” x 31”	1		
13	SMV-PL	SMV Sign, Metal	1		
14	HC-1130B	Hair Pin Clip	3		
15	SHD-1145	Shield, Shaker, Front	1		
16	TRP-1140	Shaker Shield Tarp	1		
17	BAR-1140	Bar, Tarp Brace, Above Primary Shaker	1		
18	SHD-1141A	Shield, Secondary Shaker Add-On	1	19501-	
100	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	37		
101	RI-3-5-P	Pop Rivet 3/16 x 5/16 Domed, .375 head, ea	20		
800	TRP-CFM	Curtain Fastner With (2) 3/16” Holes	10		Used For Metal

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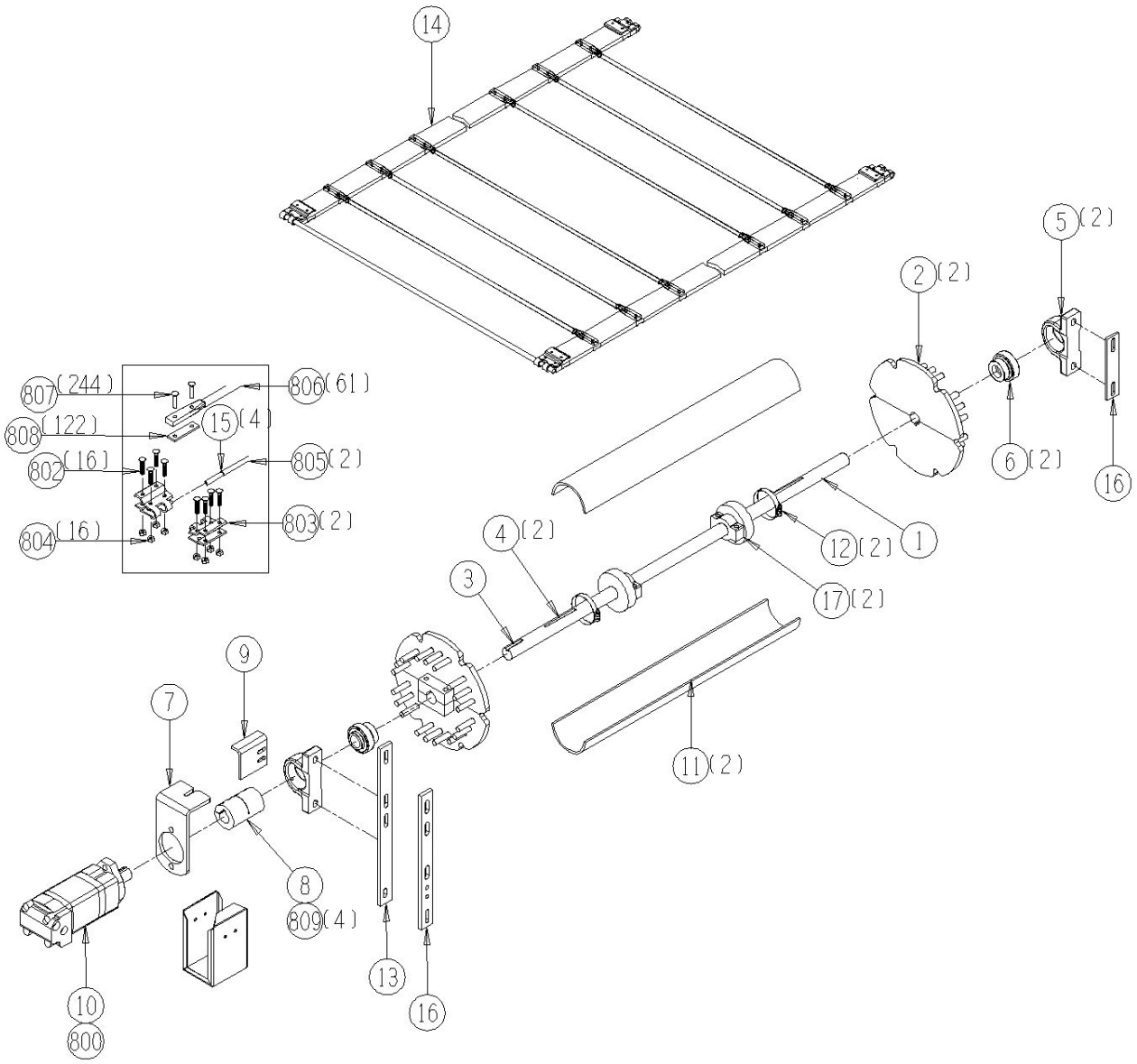


10010-04-52 Optional Vine Chain Drive Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	SFT-0130	Shaft, Transfer Drive, 290 Tomato Harvester	1		
2	SP-14406-20-4	Sprocket, 144mm Pitch, 6 Tooth, 1 1/4' Bore w/1/4' Keyway	2		Replaces SP-3618-20-4-RG and SP-14404-20-4
3	KEY-4-4-20	Shaft Key 1/4' x 1 1/4'	1		
4	KEY-4-4-32	Shaft Key 1/4' x 2' Square Cut (1018)	2		
5	BR-072-RAK	72mm Cast Housing	2		
6	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
7	MOU-0091	Motor Mount, 2000 Series Face, 2 Bolt,SAE-A	1		
8	CPS-6057	Coupler, Solid, 1.25', Cucumber & Tomato	1		This Replaces CPS-6056.
9	193-806A	Motor mount stop	1		
10	HM-1420-CH	Char Lynn Motor	1		
11	PL-1414	Drive Shaft, Plastic, 28.25'	2	KIT-0075	
12	CL-72	5' Gear Clamp	2		
13	BAR-0135	Vine Assist Tomato, Backing Bar, Motor Stop	1	10011-	
14	BC-8-36144-61DS	Vine Chain Double Skived Belt	1		
15	BC-3525	Snap Ring, 11mm.	4		
16	BAR-0130	Flat Bar, Bearing Backing Mount	1	-10010	
16	BAR-0131	Flat Bar, Bearing Backing Mount	1		
17	PL-1421	Urethane Hub for Shaft Cover 1 1/4' Bore	2		Replaces PL-1415
18	193-806C	Motor Guard	1	19301-	
600	H10-15-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 15' long	1		
800	HM-103-SK	Seal Kit for Char-Lynn Motor	1	S Series - 010	
801	KEY-4-4-15	Shaft Key 1/4' X 1/4' X 15/16' Woodruff Key	1		
802	BC-1032-FS	10-32 x 1 1/4' bolts Flat Socket Head	16		
803	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32 @ pair	2		Replaces BC-F-36-32
804	BC-1032-LN	10-32 lock nuts	16		
805	BC-7-36-CN	Connecting Rod, 11mm, 36' Wide Belted Chain, 60mm Traction Belts	2	11001	For Clip Splice Option
806	BC-7-36-ST	7/16' x 36' Belted Chain Rod for 60mm Belt	61		
807	RI-25-BC	25mm Belted Chain Rivets	244		

808	BC-BP32	Belt, Rivet backing plates 32mm	122	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts
809	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	

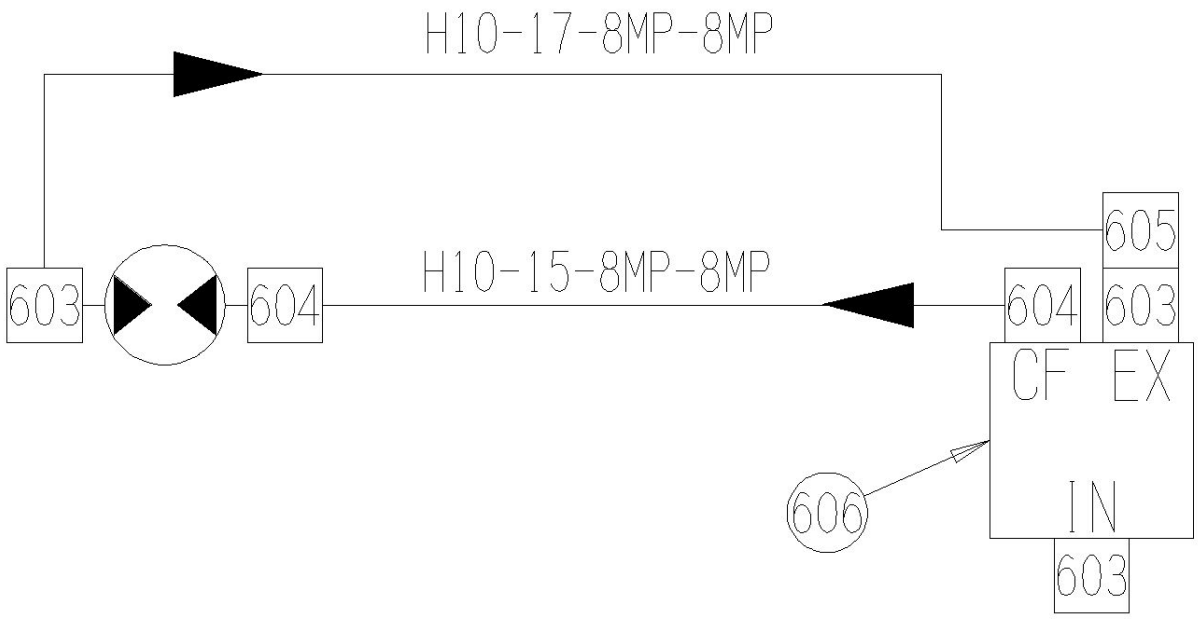
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10010-04-52H Opt. Vine Chain Drive Hyd. Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
601	H10-17-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 17” long	1		
602	H10-15-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 15” long	1		
603	A-6401-10-8	10 SAE x 1/2 MPT Male	3		
604	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2		
605	A-1603-8-8-8	Swivel T 1/2” NPTF	1		
606	HV-FL16	Flow control valve 16GPM	1		

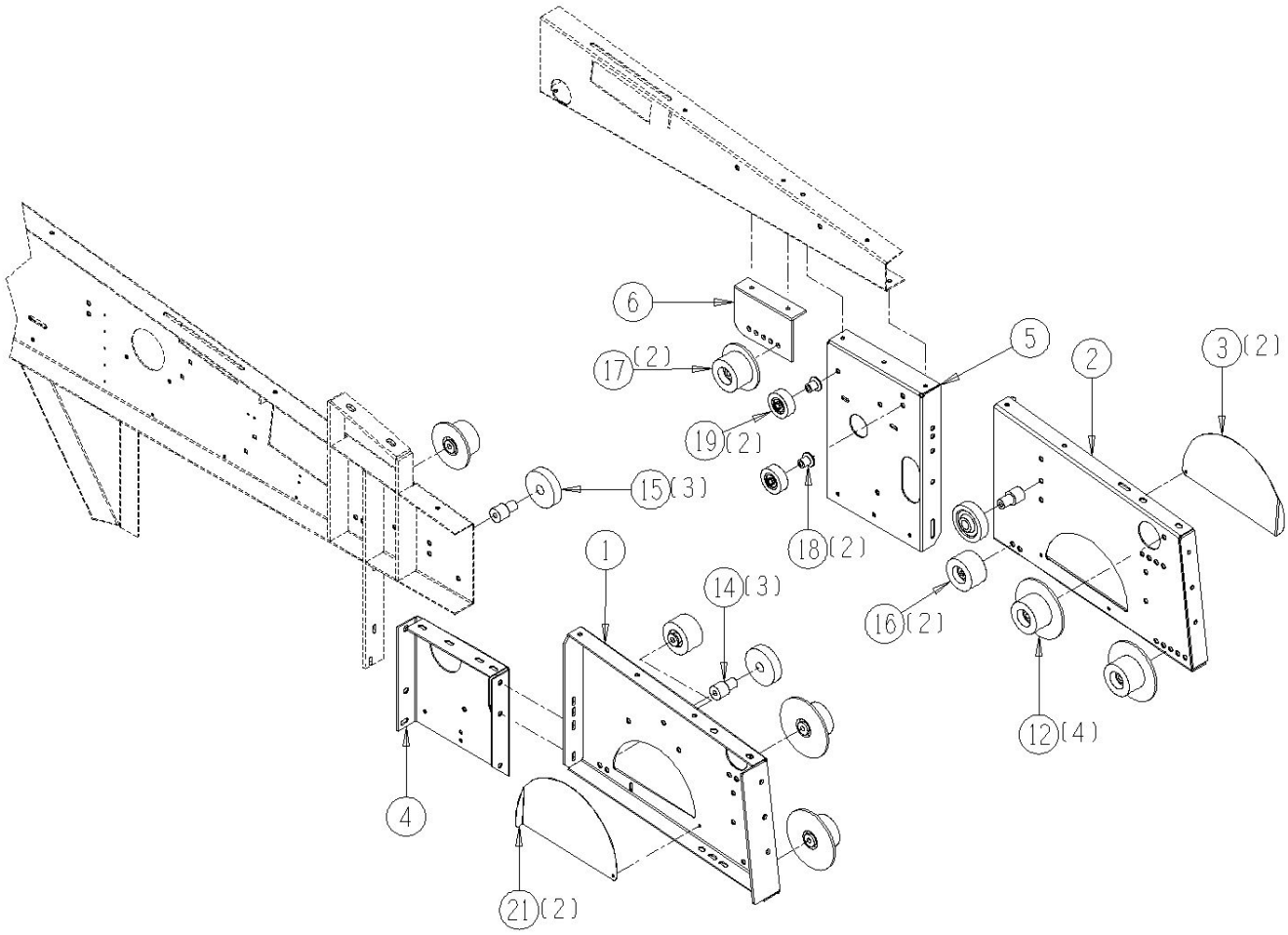
10010-04-52H



10010-04-53 Optional Rear Transfer Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PAN-315	Panel, Roller, Outer	1	KIT-0080	
2	PAN-316	Panel, Roller, Inner	1	KIT-0080	
3	PAN-920C	Panel, Access [Red]	2	19301-	
4	SUP-1304	Support Panel, Rear, Outer, Lower Shaker	1		
5	SUP-1306	Support Panel, Rear, Inner, Lower Shaker	1		
6	BRA-306	Bracket, Roller, Inner Side, Rear Trans.	1	kit-0080	
12	RLT-635-228	6 1/2' Flange Roller 2.2 WF 3.5 dia, 1/2' bore	4		
14	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	3	19101-	
15	RLG-040-1016	4' Urethane Roller	3	Old Terog Part No. RU4	
16	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2' bore, no flange	2		
17	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	2		
18	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
19	RLT-027-108	Roller 2.75' dia. 1/2' Bore	2		2755C1X (Old Number, Single Bearing)
21	DC-1176	Decal, Danger-Hand Chain Sprockets	2		

10010-04-53

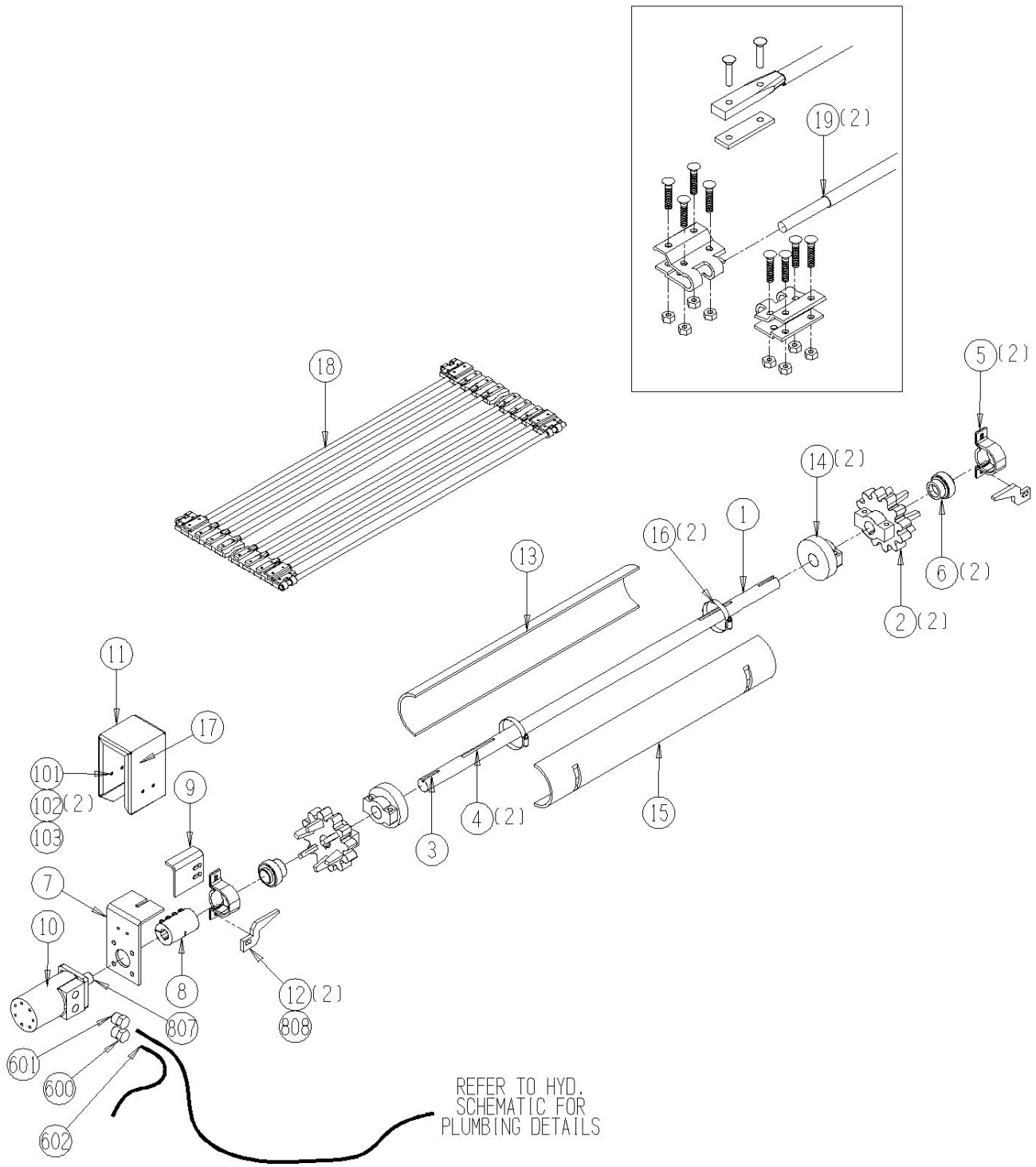


10010-04-54 Optional Rear Transfer Drive Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	195-202	Shaft for kit 44 1/2”long keyed both ends	1	19501-195-208K	
2	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4” key	2		Sub SP-3612-20-4
3	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
4	KEY-4-4-32	Shaft Key 1/4” x 2” Square Cut (1018)	2		
5	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
6	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
7	193-806	Mount motor	1		
8	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
9	193-806A	Motor mount stop	1		
10	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
11	193-806C	Motor Guard	1	19301-	
12	SCR-100	Scraper, Sprocket, Inner	2		
13	PL-1414	Drive Shaft, Plastic, 28.25”	1	KIT-0075	
14	PL-1421	Urethane Hub for Shaft Cover 1 1/4” Bore	2		Replaces PL-1415
15	PL-1413	Plastic, Shield, Anti-Wrap, Shaft Drive	1		
16	CL-72	5” Gear Clamp	2		
17	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
18	BC-7-3636-75	Rear Transfer, Belted Chain for Tomato	1		
19	BC-3525	Snap Ring, 11mm.	2		
101	BL-4-500-H	1/4-20 X 5 HEX CAP G5 ZC	1		
102	BL-4-FW	1/4 USS FW ZC	2		
103	BL-4-WN	1/4-20 FORGED W/NUTS ZC	1		
600	A-6902-10-8	10 SAE X 1/2” FPX 45°	1		
601	A-6900-10-8	10 SAE x 1/2 FPX	1		
602	H10-30-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 30 in long	1		
800	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	16		
801	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32 @ pair	2		Replaces BC-F-36-32
802	BC-1032-LN	10-32 lock nuts	16		

803	BC-7-36-CN	Connecting Rod, 11mm, 36” Wide Belted Chain, 60mm Traction Belts	1	11001	For Clip Splice Option
804	BC-7-36-AC	7/16” x 36” Rod w/ 24mm Air Cushion Cover	74		
805	BC-BP32	Belt, Rivet backing plates 32mm	140	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts
806	RI-25-BC	25mm Belted Chain Rivets	280		
807	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
808	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	

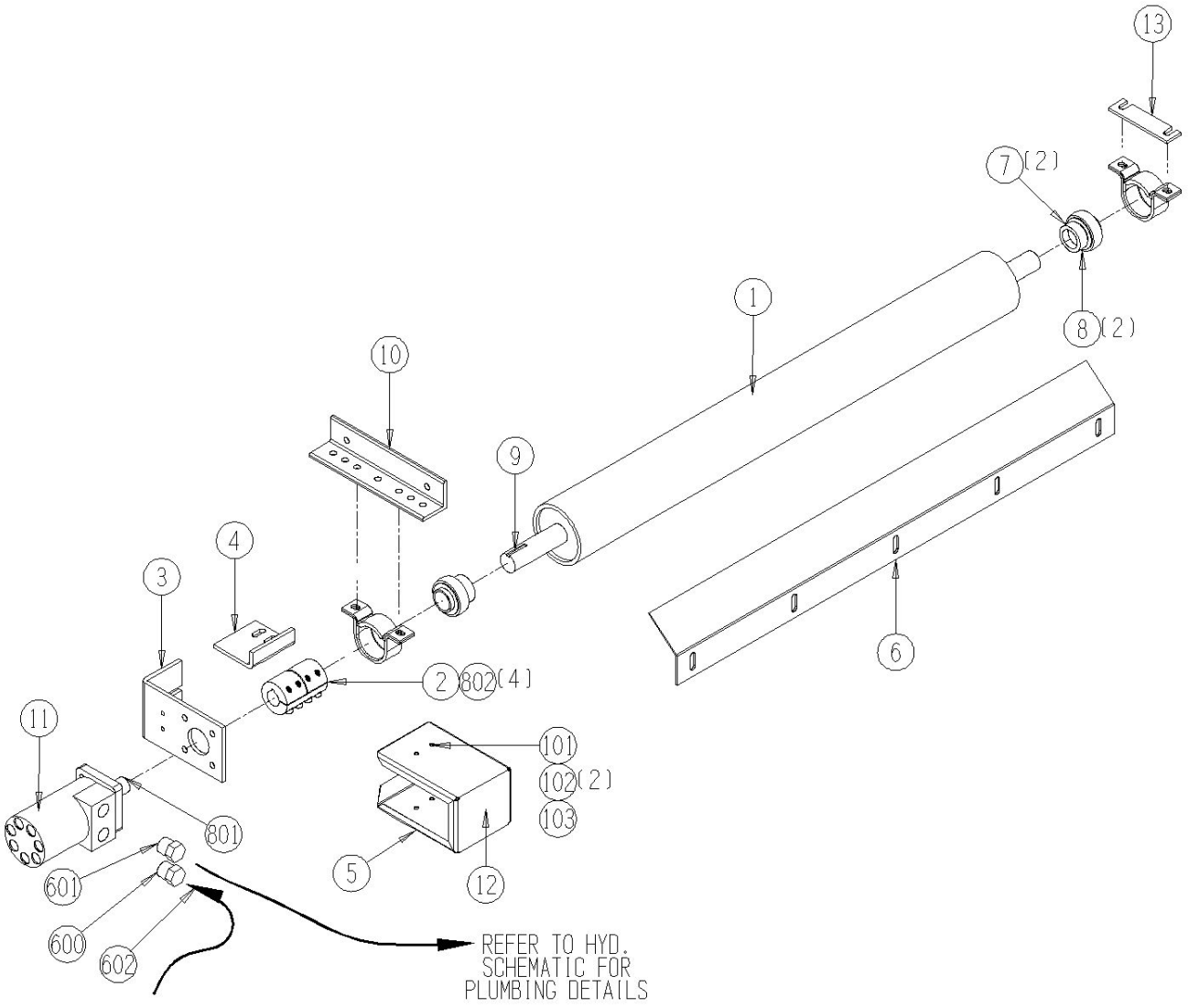
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REFER TO HYD. SCHEMATIC FOR PLUMBING DETAILS

10010-04-55 Optional Rear Transfer Return Roller Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	194-209	Transfer - Header Roller	1	19401-	
2	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
3	193-806	Mount motor	1		
4	193-806A	Motor mount stop	1		
5	193-806C	Motor Guard	1	19301-	
6	SCR-616	Scraper, Rear Transfer, Return Roller	1	KIT-0080	
7	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
8	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
9	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
10	BRA-1422	Bracket, Roller	1	KIT-0080	
11	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
12	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
13	SHM-062-250	Shim, 062 Stamped Bearing Housing	1		
101	BL-4-500-H	1/4-20 X 5 HEX CAP G5 ZC	1		
102	BL-4-FW	1/4 USS FW ZC	2		
103	BL-4-WN	1/4-20 FORGED W/NUTS ZC	1		
600	A-6900-10-8	10 SAE x 1/2 FPX	1		
601	A-6902-10-8	10 SAE X 1/2” FPX 45°	1		
602	H10-30-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 30 in long	1		
603	H10-34-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 34 in long	1		
801	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	

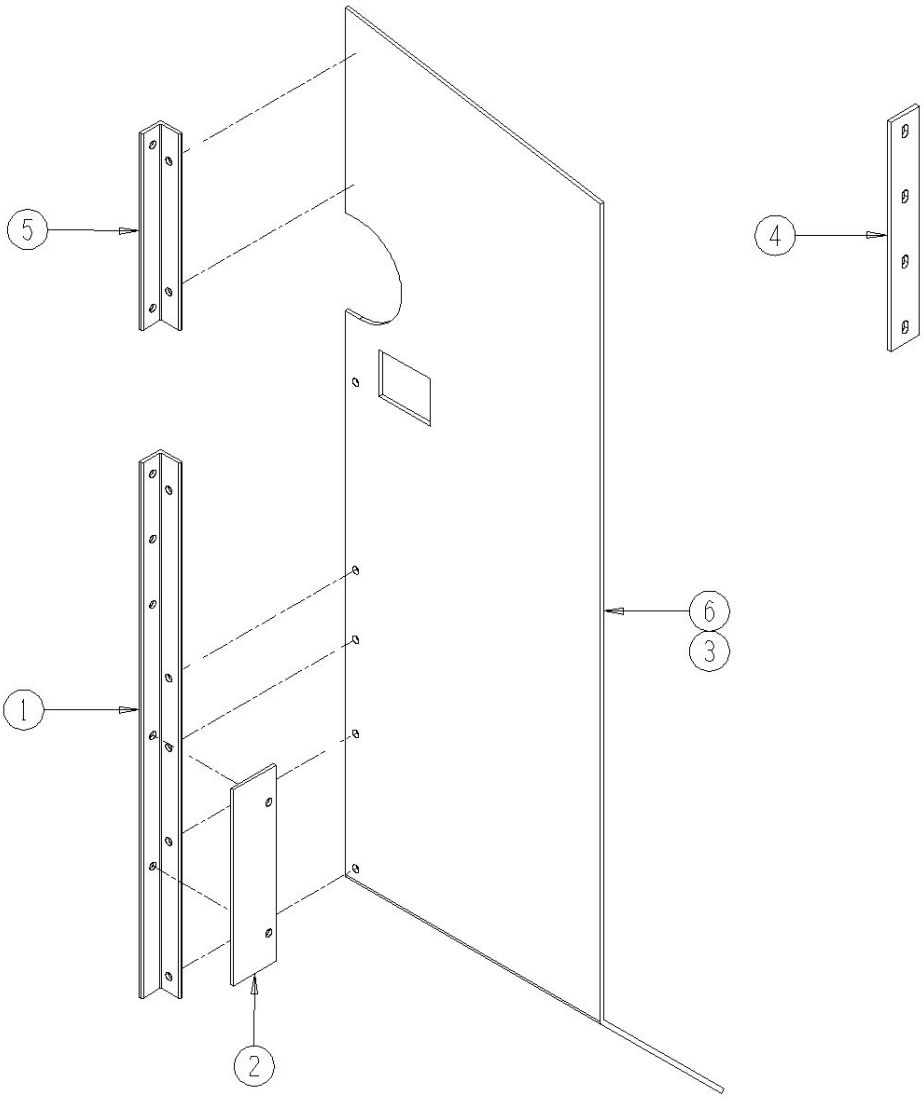
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10010-04-56 Rear Transfer w/o Chopper

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BAR-306	Bar, Angle, Stiffner, Lower Vine Deflector Holder	1		
2	BAR-310	Bar, Reflective Tape Mounting	1		
3	DC-3025	Red and White Reflective Tape @ 150 ft Roll	1		
4	BAR-308	Bar, Stiffner, Inner Rear Shaker Panels	1		
5	BAR-307	Bar, Angle, Stiffner, Upper Vine Deflector Holder	1		
6	PL-306	Plastic, Vine Deflector, Outer	1		

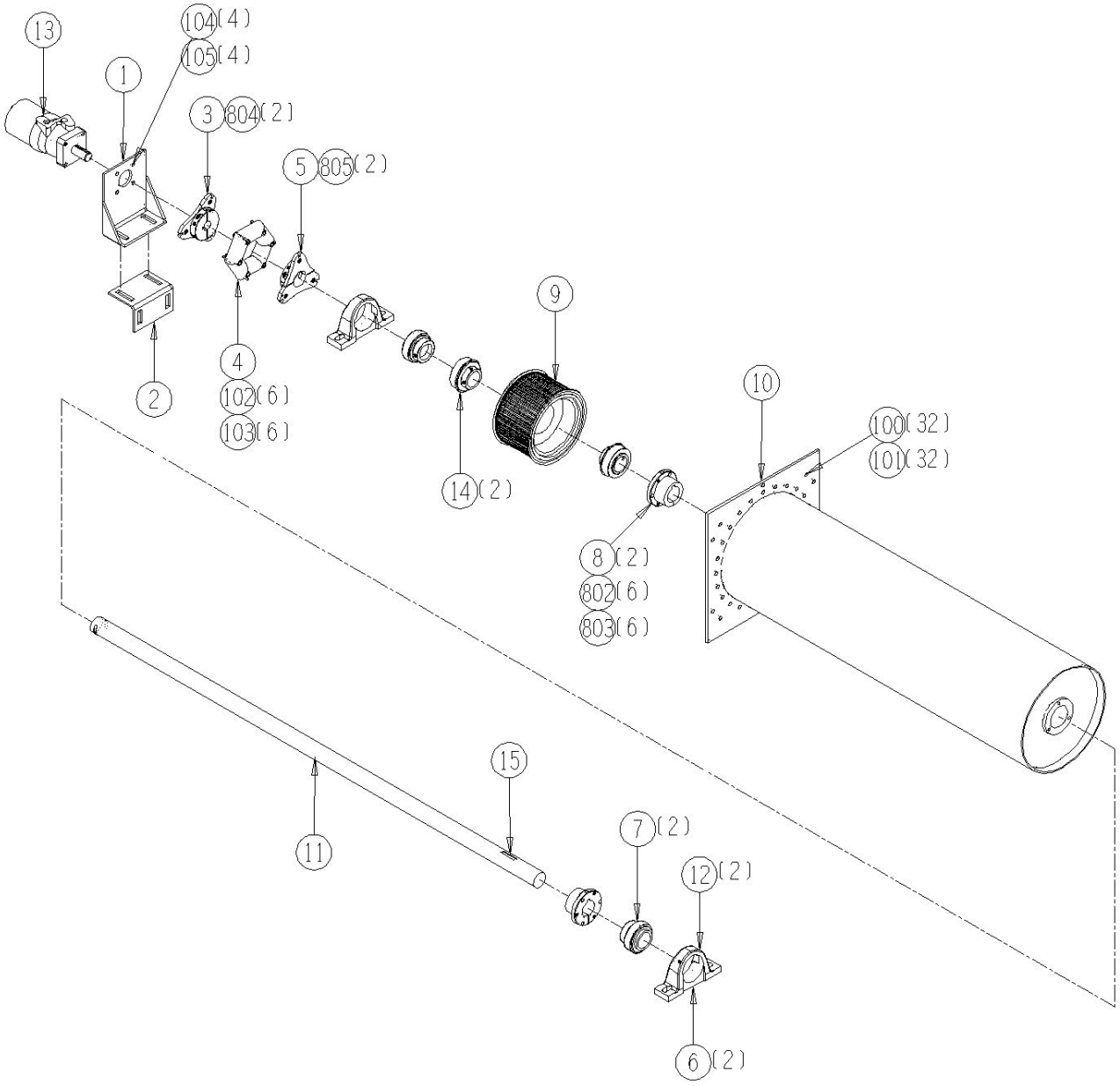
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10010-05-01 Primary & Secondary Shaker Drum Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	194-416	Mount, Shaker Rotation Motor	1	19101	For use with 194-416a
2	194-416A	Mount, Shaker Rotation Motor	1	19101-	For use with 194-416
3	CPR-422D-18	Coupler, Shaker, Motor Side, 1' Shaft	1	30095001-	
4	CPR-422-18	Lovejoy Donut W/ Hardware	1		
5	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
6	BR-085-RAK	Bearing Housing 85 mm	2		
7	BR-175-085	Fafnir Bearing 1 ٤ Tri Seal	2		
8	SP-SK-2	Bushing, SK x 2'	2	19101	
9	PU-80-8M-114-2	Center Pulley for 2 & 2-3/16' Shafts	1		
10	SHA-3403	Shaker Tube	1	19101-	Must use SHA-3402 with this part to be compatible with 192-401
11	SFT-1000	2' Shaker Shaft, 190 Tomato Harvester	1		
12	GF-1428	Grease Fitting 1/4' x 28 straight	2		
13	HM-103-TC	TCI Motor	1		Seal Kit # TCI-SKHRQ
14	BR-200-ER	Bearings, 2' ER	2		
15	KEY-6-6-24	Keystock 3/8' x 3/8' x 1 1/2' Square Cut (1018)	1		
17	BL-5-025-SCF	5/16-24 x 1/4' Knurled Point Set Screw	2		
100	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	32		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	32		
102	BL-6-N	3/8-16 HEX NUTS ZC	6		
103	BL-6-250-8	3/8-16 X 2 1/2 HH C/S GR8 ZC	6		
104	BL-6-100-H-8	3/8-16 X 1 HEX CAP GR8ZC	4		
105	BL-6-LW	3/8 SPLIT LW ZC	4		
800	HM-103-SK	Seal Kit for Char-Lynn Motor	1	S Series - 010	
801	KEY-4-4-15	Shaft Key 1/4' X 1/4' X 15/16' Woodruff Key	1		
802	BL-5-LW	5/16 SPLIT LW ZC	6		
803	BL-5-200-8T	5/16-18 x 2 Grade 8 Tap Bolt	6		
804	BL-5-150-SCF	5/16-24 x 1 1/2' Socket Head Cap Screw	2		
805	BL-5-175-SCF	5/16-24 x 1 ٤' Socket Head Cap Screw	2		

10010-05-01

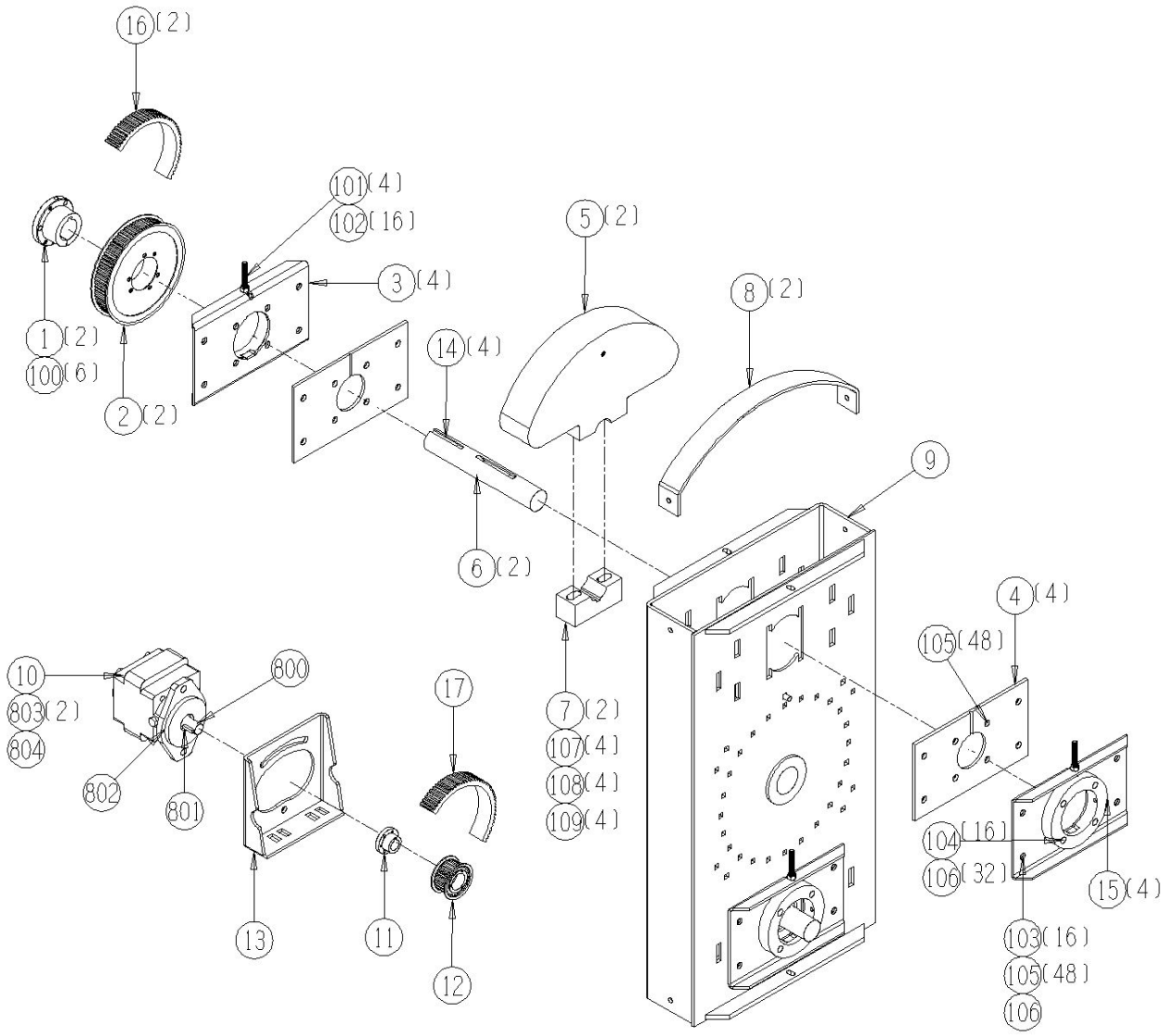

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12 (2)
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10010-05-02 Primary & Secondary Shaker Weight & Box Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PU-SK-28	Bushing, SK x 1 ¾'	2	19101	
2	PU-80-8M-30-SK	Primary Weight Pulley HTD	2	1910119115	
3	BR-100-SUP	Bearing Holder Wldmt, Primary Shaker	4		
4	MOU-098	Backing Plate, Shaker	4		Replaces MOU-097
5	WGT-402	Weight, Primary Shaker	2		
6	SFT-097	Weight Shaft	2		
7	WGT-402C	Cap, Primary & Secondary Shaker Weight	2		
8	193-403	Shaker, Weight guards	2		
9	SHA-8403	Shaker Weigth Box, Short Bushing, Primary, Tomato	1		Repalces SHA-8402 This has a shorter hub
10	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1' shaft REPLACES HM-412C IF REPLACING A HM-412C WITH THIS MOTOR BE SURE THAT THE PROPER COUPLER SIZES ARE SUPPLIED
11	PU-JA-16	Bushing, JA x 1'	1		
12	PU-26-8M-30-JA	HTD Sprocket 8mm pitch, 26 Tooth, 30mm wide JA Bushing	1		
13	MOU-0022	Mount, Weight Motor, Shakers, Harvesters	1		Replaces 110-515
14	KEY-6-6-24	Keystock 3/8' x 3/8' x 1 1/2' Square Cut (1018)	4		
15	GF-1428	Grease Fitting 1/4' x 28 straight	4		
16	BT-1280-8M-22E	Shaker Drive Belt, 1280mm	2		
17	BT-960-8M-30	Shaker Drive Belt(30MM Wide)	1		Can not replace with BT-390H100 belts unless all the pulleys are changed.
18	BT-1040-8M-30	HTD Belt (30mm)	1		
100	BL-5-200-8T	5/16-18 x 2 Grade 8 Tap Bolt	6		
101	BL-6-275-ST	3/8-16 x 2.75 Fully Threaded Stud	4		
102	BL-6-N	3/8-16 HEX NUTS ZC	16		
103	BL-8-150-H8	1/2x1 1/2 Grade 8 Hex Head	16		
104	BL-8-225-H8	1/2 x 2 1/4,Grade 8,Hex Head	16		
105	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	48		
106	BL-8-LNS	1/2 Stover Lock Nut	32		

107	BL-10-375-8	5/8-11 X 3 ¾ HEX CAP G8 ZC	4		
108	BL-10-LW	5/8 SPLIT LW ZC	4		
109	BL-10-FW-8	5/8' Grade 8 Flat Washer	4		
800	HM-412B	Key for Hydraulic Motor -Shaker Weight-Vibrator	1	HM-412C & HM-712C	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1		
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1		
804	HM-1801	Seal Kit for Commercial Intertech	1	P20 & M20 Series	Includes:(1) Length of HM-2882,(1)HM-2883,(2)HM-2884
805	PU-JA-14B	Bolt for PU-JA-14 (3 @ pkg)	1		

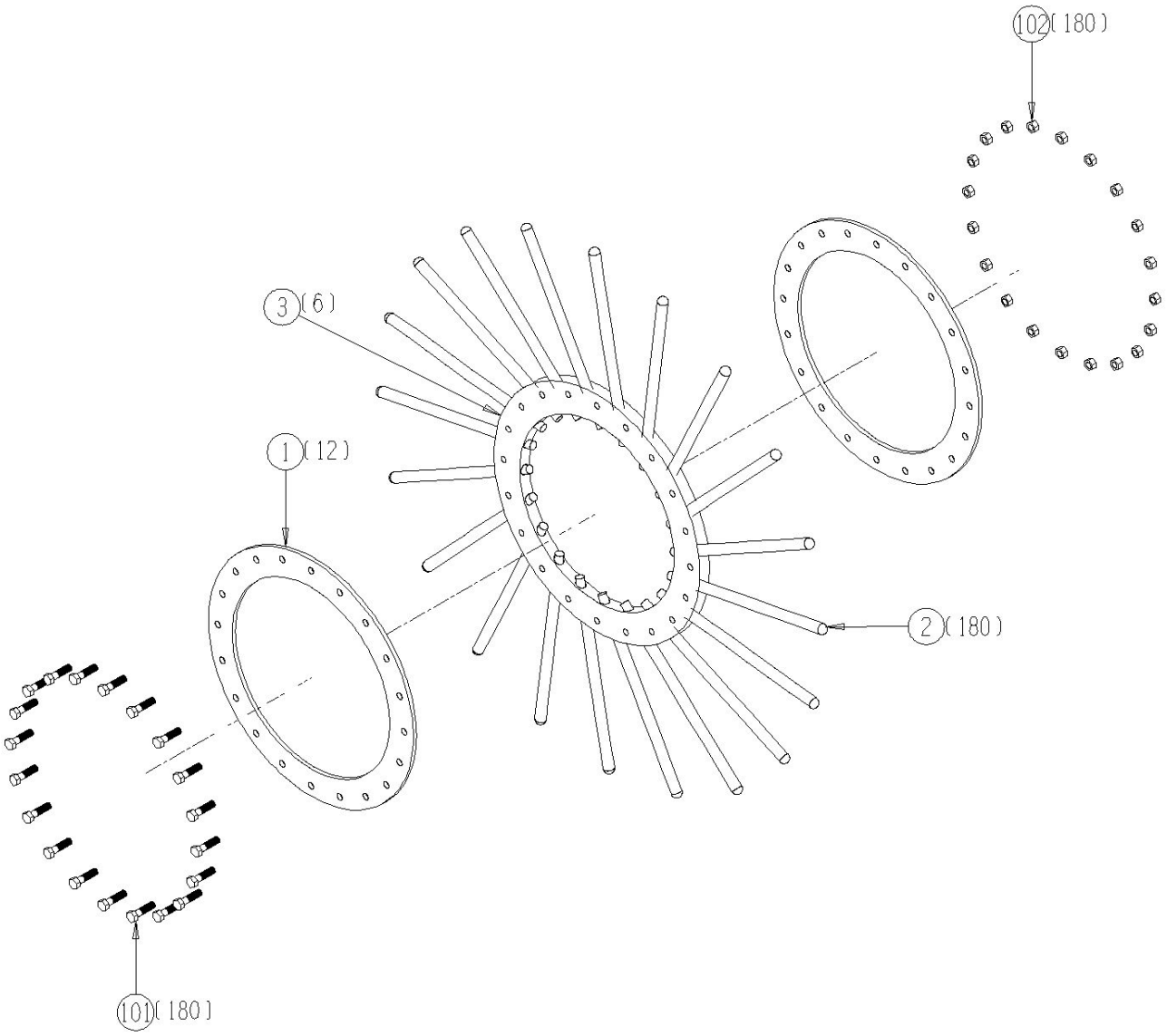
10010-05-02


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108 (4)
109 (4)
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15 (4)
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103 (16)
105 (48)
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10010-05-10 Primary Shaker Ring & Finger Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-432	Tine Holder Flanges	18	11001- 30095001-	
2	ST-430-P	Shaker Tines , Molded Urethane	180		
3	192-431	Molded Rubber Tine Holders	9	19101- 30095001-	
101	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	180		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	180		

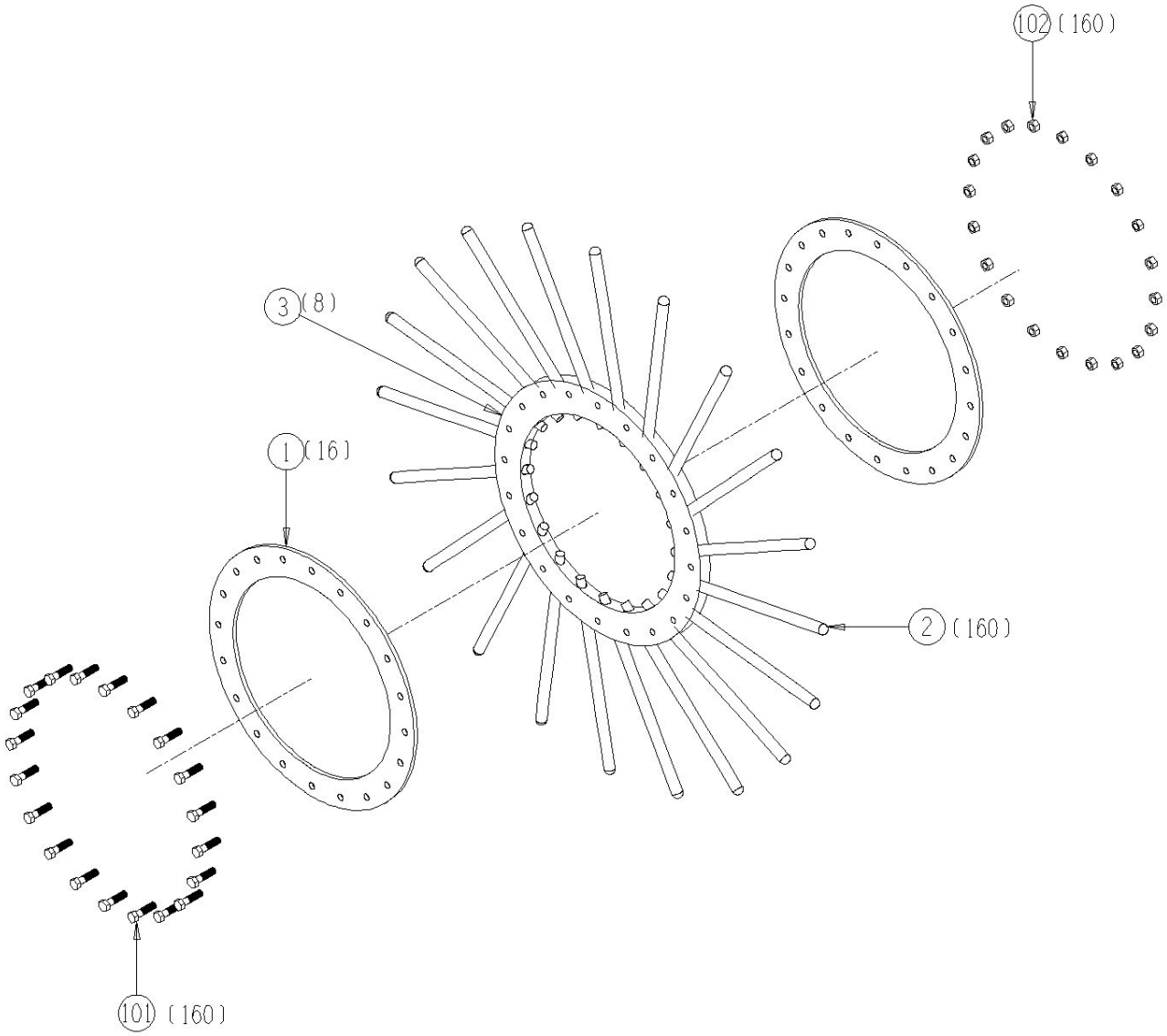
10010-05-10



10010-05-15 Secondary Shaker Ring & Finger Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-432	Tine Holder Flanges	16	11001- 30095001-	
2	ST-430-P	Shaker Tines , Molded Urethane	160		
3	192-431	Moulded Rubber Tine Holders	8	19101- 30095001-	
101	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	160		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	160		

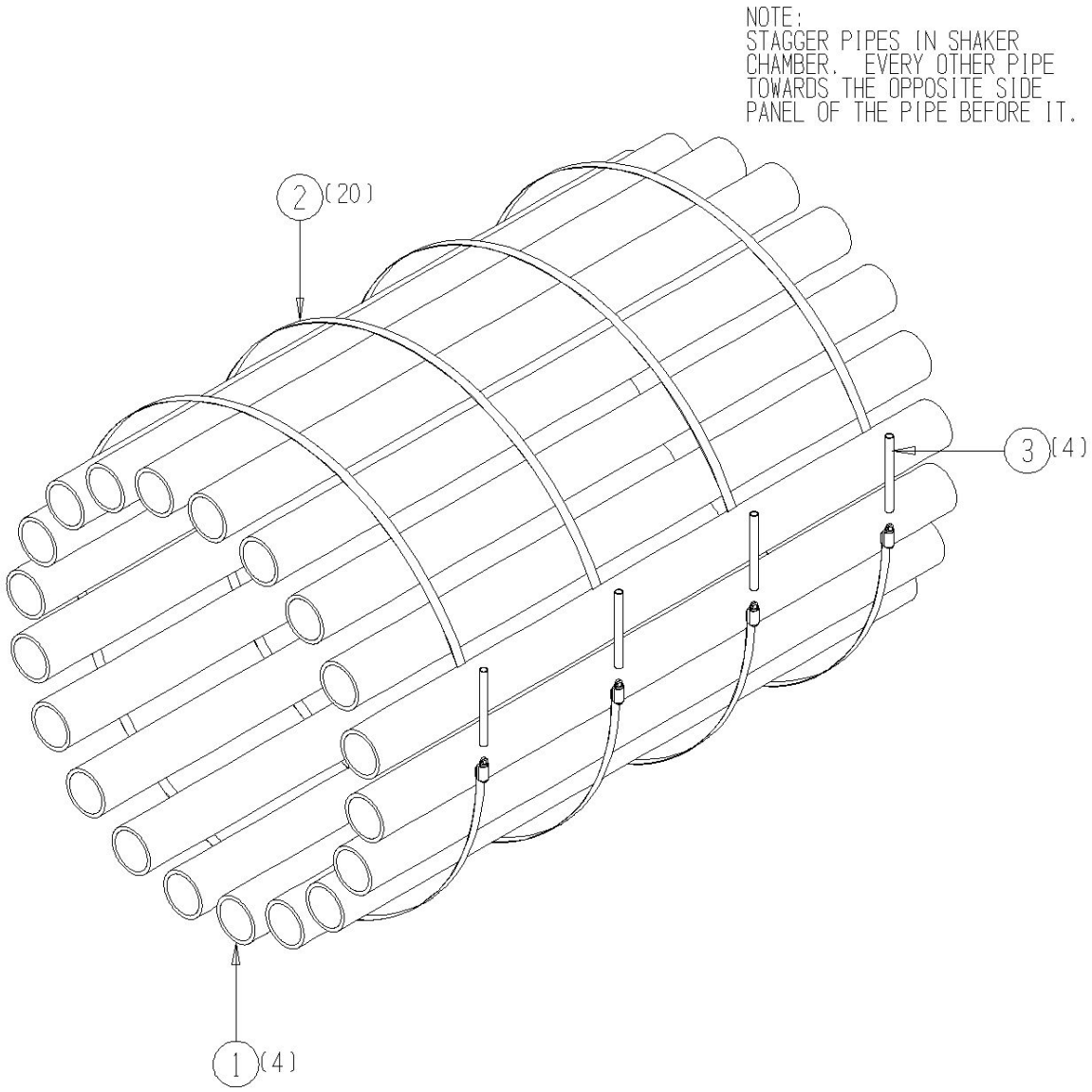
10010-05-15



10010-05-18 Shaker Spacer Tube (per shaker) Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PL-32-355	Plastic PVC Pipe, Shaker Tine Spacer	20		
2	CL-001	Clamp, 71.5” Long, For 21.5” Dia, SS Gear Clamp	4		100 Pc. Minimum From Mfg.
3	PL-7504-4	PVC Clamp Cover, 4”	4		

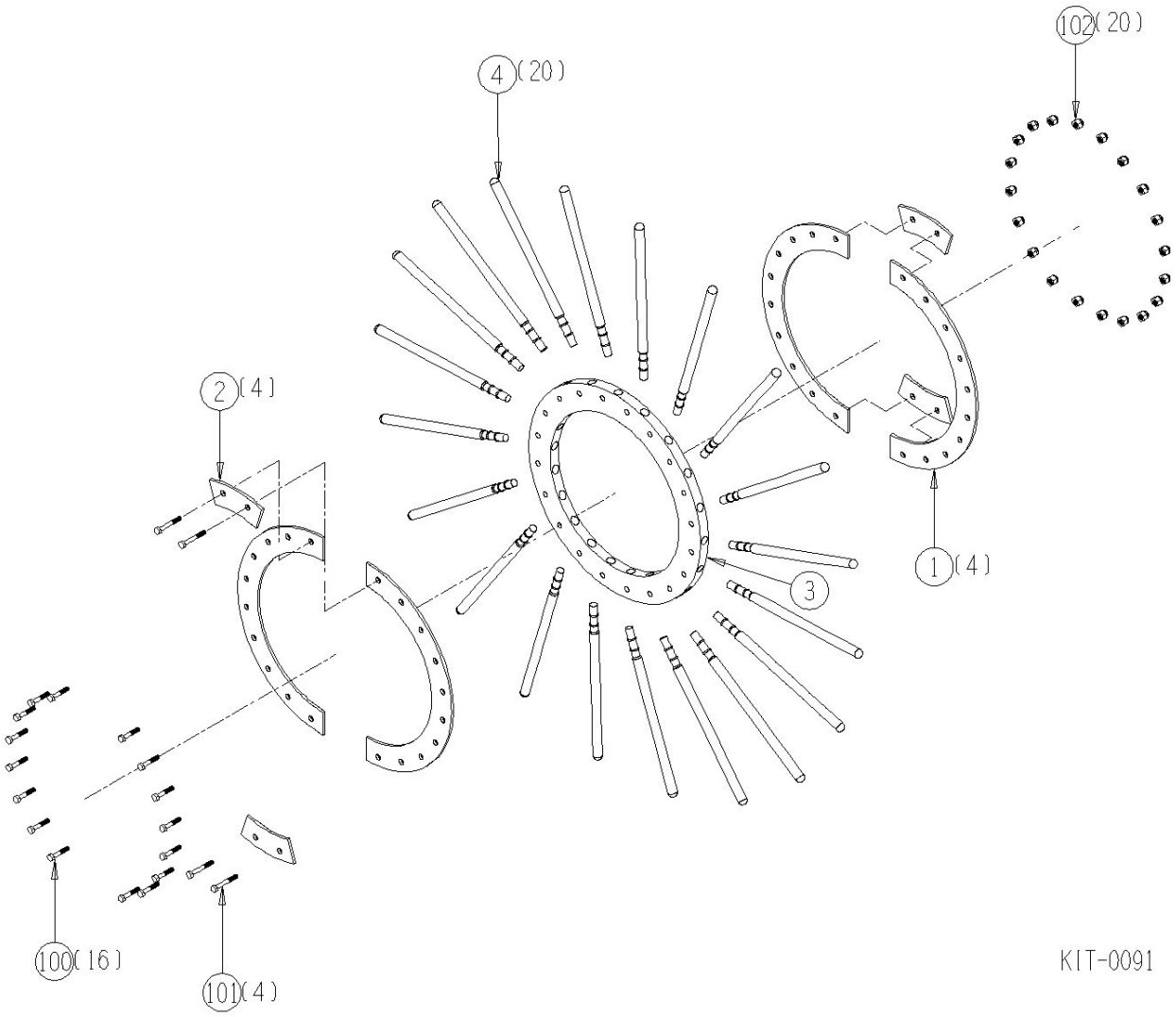
10010-05-18


NOTE:
STAGGER PIPES IN SHAKER CHAMBER. EVERY OTHER PIPE TOWARDS THE OPPOSITE SIDE PANEL OF THE PIPE BEFORE IT.
2 (20)
3 (4)
1 (4)

10010-05-19 Optional Shaker Half-Ring & Finger Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0091	Shaker Ring, Half-Flange Kit	0		
1	191-432A	Half flanges	4		
2	191-432B	Connecting Bar, Shaker Ring Half-Flange	4		
3	192-431	Moulded Rubber Tine Holders	1	19101-30095001-	
4	ST-430-P	Shaker Tines , Molded Urethane	20		
100	BL-6-150-SS	3/8-16 X 1 1/2 HEX CAP SS	16		
101	BL-6-200-HSS	3/8-16 x 2 Hex Head Stainless	4		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	20		

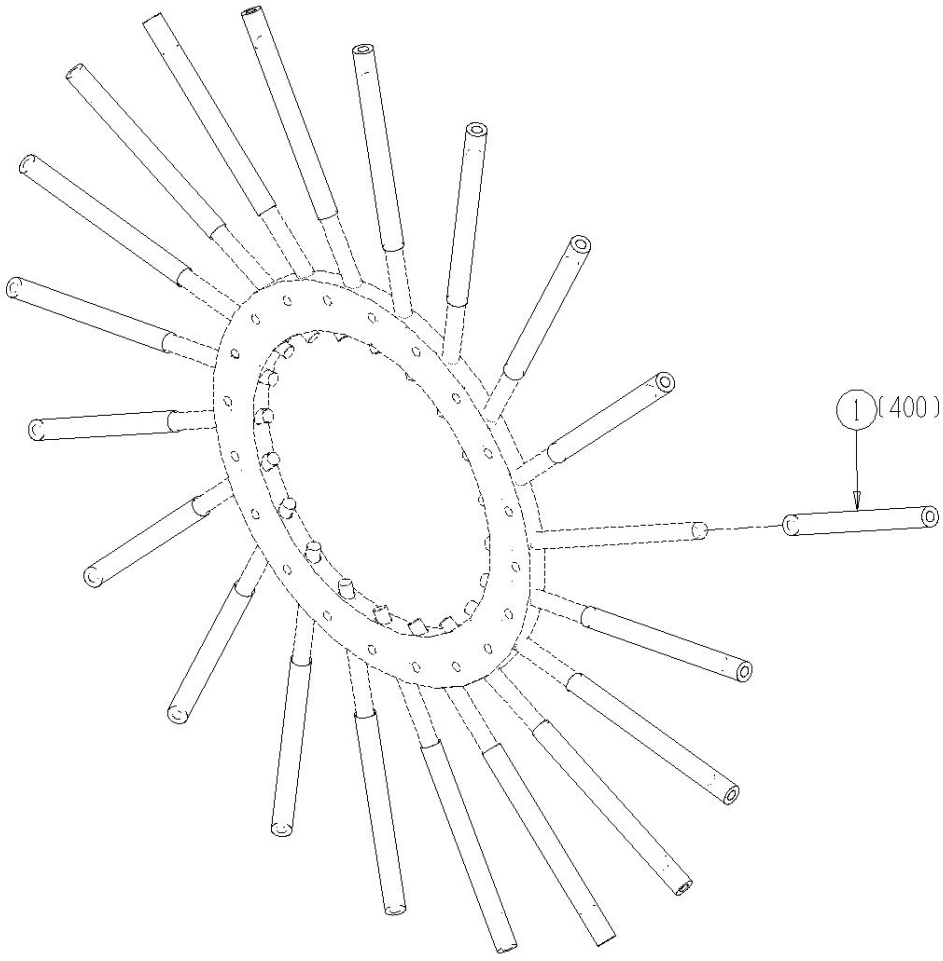
10010-05-19



10010-05-20 Optional ShakerTine Covers Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BC-6000-8	Shaker Finger Protectors, 3/8” ID x ¾” OD x 8”	400		Bundled in 100 Piece Lots

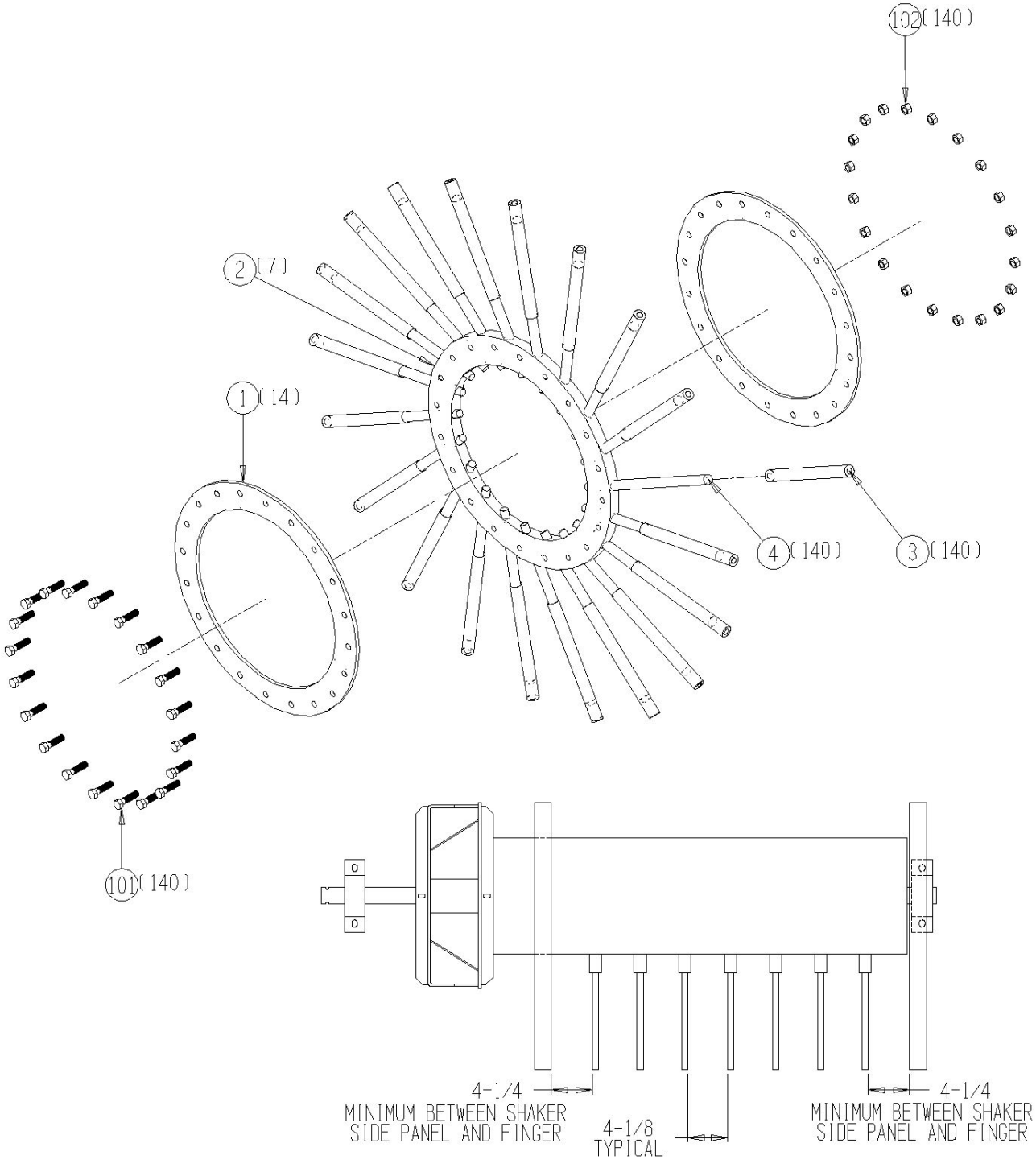
10010-05-20



10010-05-30 Primary 'Bell Pepper' Finger Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-432	Tine Holder Flanges	14	11001-30095001-	
2	192-431	Moulded Rubber Tine Holders	7	19101-30095001-	
3	BC-6000-8	Shaker Finger Protectors, 3/8” ID x ¾” OD x 8”	140		Bundled in 100 Piece Lots
4	ST-430-P	Shaker Tines , Molded Urethane	140		
100	BL-6-150-SS	3/8-16 X 1 1/2 HEX CAP SS	140		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	140		

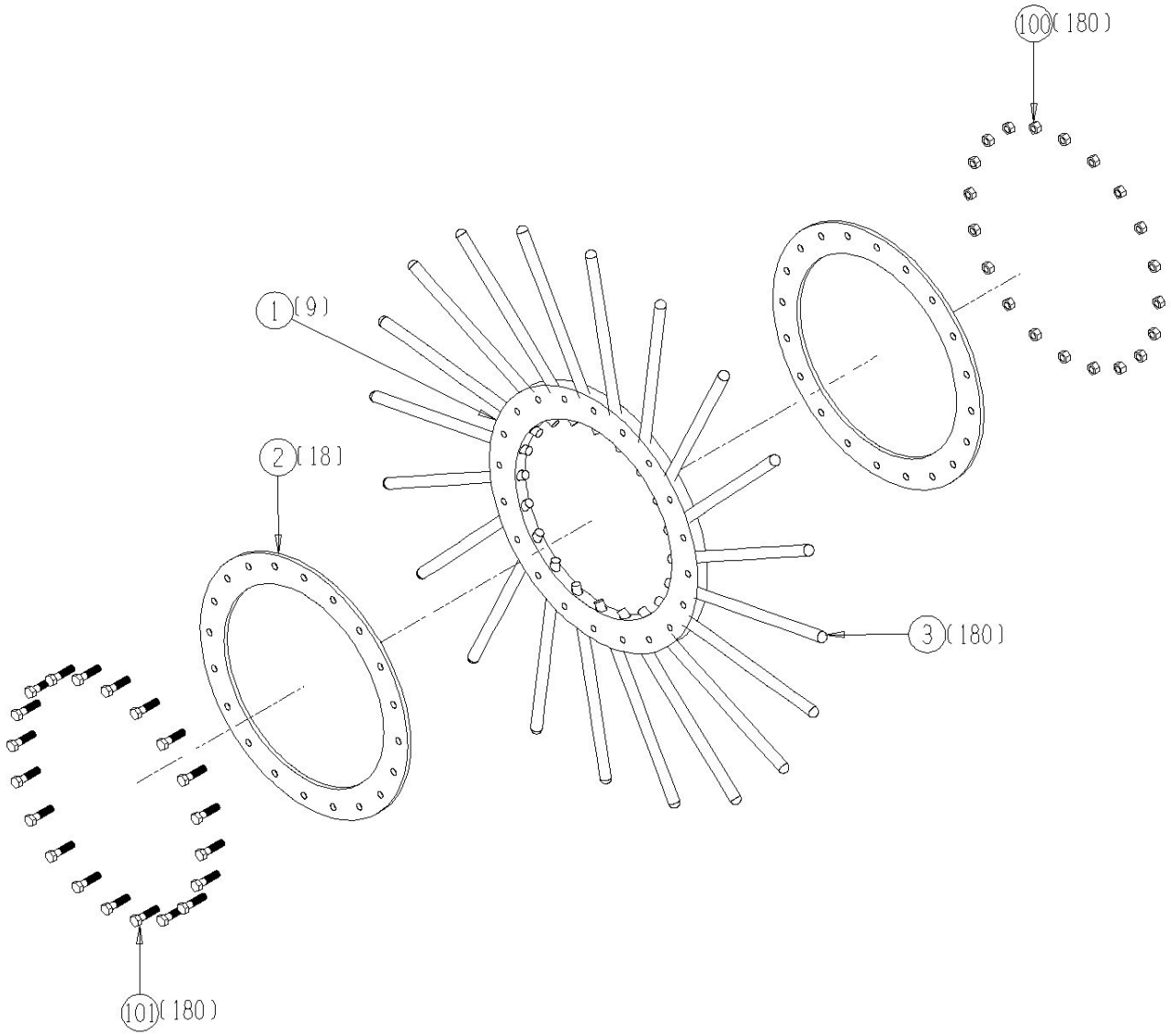
10010-05-30


102 (140)
2 (7)
1 (14)
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3 (140)
101 (140)
4-1/4
MINIMUM BETWEEN SHAKER
SIDE PANEL AND FINGER
4-1/8
TYPICAL
4-1/4
MINIMUM BETWEEN SHAKER
SIDE PANEL AND FINGER

10010-05-31 Secondary 'Bell Pepper' Finger Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	192-431	Moulded Rubber Tine Holders	9	19101-30095001-	
2	191-432	Tine Holder Flanges	18	11001-30095001-	
3	ST-430-P	Shaker Tines , Molded Urethane	180		
100	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	180		
101	BL-6-150-SS	3/8-16 X 1 1/2 HEX CAP SS	180		

10010-05-31



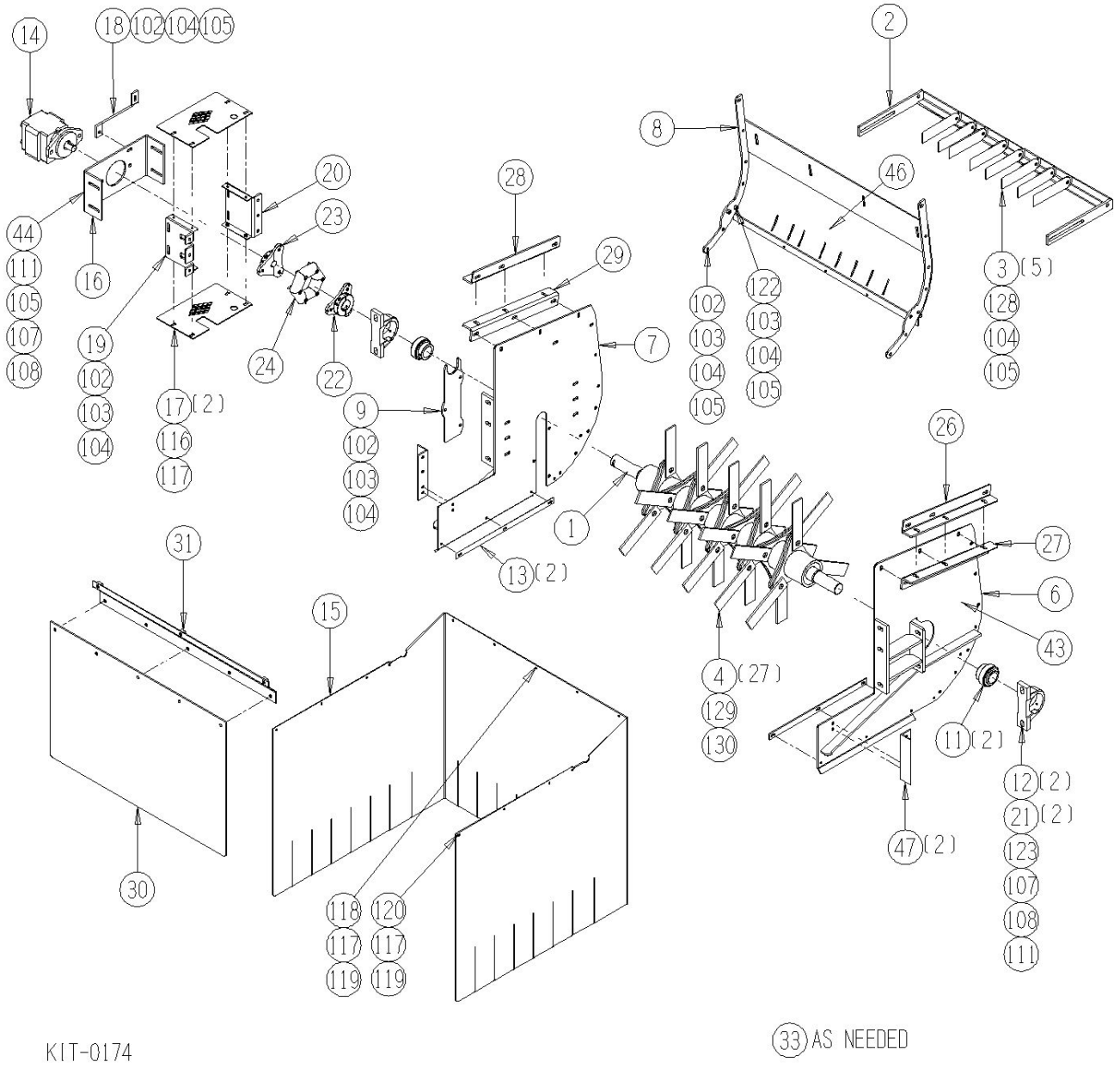
10010-06-01 Opt. Vine Chopper w/o Sep. Ext. Plumb to Machine

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0174	Vine Chopper for 190 w/o Sep. Ext.Plumb to Mach.	0		For Straight Rear Chopper Shield, Use SHD-2008
1	SFT-2016	Shaft, Flail Rotor, 190 Chopper	1		Replaces SFT-2014
2	BRA-2009	Bracket, Knife Holder, Vine Chopper, 190 Tomato	1		
3	KN-142141	Knife	5		
4	BAR-2020	Bar, Long Flail, Vine Chopper	27		
6	PAN-2010	Panel, LH Housing, Vine Chopper, 190 Tomato	1		
7	PAN-2011	Panel, RH Housing, Vine Chopper, 190 Tomato	1		
8	SHD-2019	Shield, Back Panel, 190 Vine Chopper	1		
9	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
11	BR-175-085-KB	Fafnir Bearing 1 ¾" Heavy SS1	2		
12	BR-085-RAK	Bearing Housing 85 mm	2		
13	BAR-2018	Bar, Vine Chopper, 190 Tomato Machine	2		
14	HM-122	Motor, Hydraulic, 1-¾" Gear, #12 SAE Ports	1		
15	BT-2010	Vine Chopper, Belting 190, Post 2005	1		
16	MOU-2015	Motor Mount, 190 Vine Chopper	1		
17	SHD-2015	Expanded Metal, Sheild, 190 Vine Chopper	2		
18	SUP-2002	Motor Mount Support, Vine Chopper	1		
19	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
20	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
21	GF-1428	Grease Fitting 1/4" x 28 straight	2		
22	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
23	CPR-422D-18	Coupler, Shaker, Motor Side, 1" Shaft	1	30095001-	
24	CPR-422-18	Lovejoy Donut W/ Hardware	1		
26	BRA-2010	Top LH Bent, Vine Chopper, 190 Tomato Machine	1		
27	BRA-2011	Top, LH Sd Bent, Vine Chopper, 190 Tomato	1		
28	BRA-2012	Top RH Bent, Vine Chopper, 190 Tomato	1		
29	BRA-2013	Top RH Sd Bent, Vine Chopper, 190 Tomato	1		
30	PL-2001	Plastic, Vine Chopper, 190 Tomato Machine	1		

31	BRA-2014	Bracket, Plastic Holder, Vine Chopper, 190 Tomato	1
33	WT-17H	Heavy Duty Wire Tie 17.5”	15
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1
45	DC-1182	Decal, White 'PIK RITE' 3 1/4” x 23”	1
46	DC-1184	Danger Decal, 3” x 16”	1
47	BRA-0114	Stiffiner Bracket, Vine Chopper, 190	2
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	20
103	BL-6-SW	3/8 SAE FW ZC	36
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	30
105	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	45
106	BL-8-175-H	1/2-13 X 1 ¾ HEX CAP G5 ZC	6
107	BL-8-SW	1/2 SAE FW ZC	31
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	22
109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	12
110	BL-8-LW	1/2 SPLIT LW ZC	8
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	15
115	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	2
116	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
117	BL-4-FW-8	1/4” Flat Washer Grade 8	46
118	BL-4-075-H	1/4 UNC X ¾ HH C/S BOLT GR5 ZINC	9
119	BL-4-LN	1/4-20 HEX LN NE ZC	23
120	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	6
121	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	8
122	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	10
123	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
124	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	1
125	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2
128	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	14
129	BL-12-175-H-8	¾-10 x 1-¾” Grade 8 Hex Head	27
130	BL-12-LNS	¾-10 Stover Lock Nut	27

600	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1	
601	A-1405-8-8	1/2” NPT Coupler W/Swivel	1	
602	A-6901-12-8	12 SAE x 1/2” FPX 90°, Forged	2	
603	A-6408-10	10 SAE Plug	1	
604	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2	
605	ATB-06-06-06	3/8” x 3/8” x 3/8” Brass Hose Barb Tee	1	CL-10 needs to be used with this tee.
606	A-6401-10-8	10 SAE x 1/2 MPT Male	2	
607	A-1603-8-8-8	Swivel T 1/2” NPTF	2	
608	HV-FL30	Flow Control Valve 30GPM	1	
609	H12-91-12MP-8MP	¾” Hose ¾MP x 1/2MP x 91 in Long	1	
610	CL-10	Single Snap Grip Clamp for 3/8” Push Loc Hose	3	Use with ATB-06-06-06
611	H10-120-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 120 in long	2	
612	H12-36-8MP-12MP	¾ in hose ¾MP x 1/2MP x 36 in long	2	
613	H6-PL-65	3/8” Push-Loc Hose 65”	1	
614	A-5404-8-12	Hex Nipple ¾ x 1/2	2	
615	A-1405-12-12	¾ NPT coupler w/swivel	2	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1	
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1	

10010-06-01


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KIT-0174
33 AS NEEDED

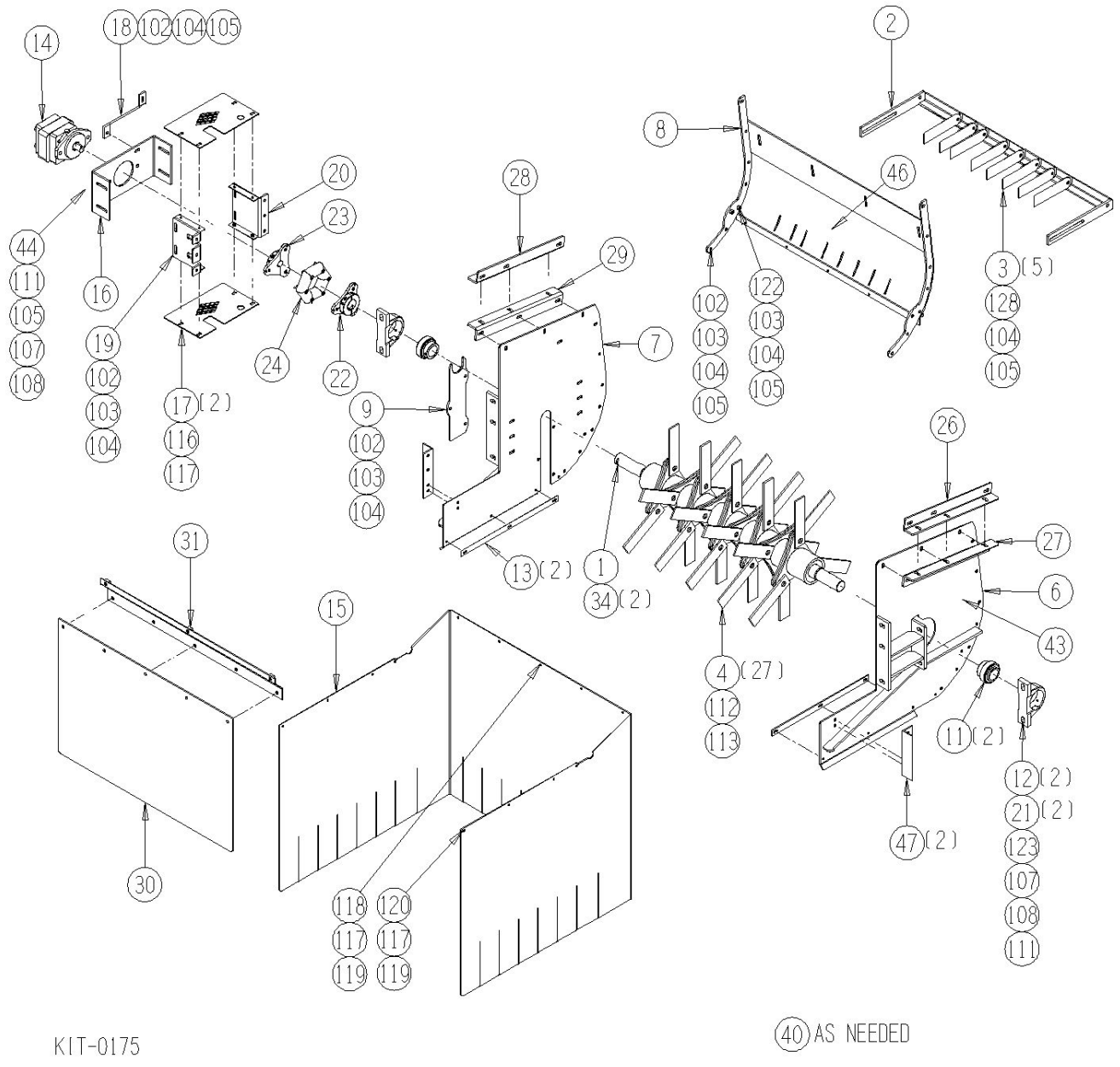
10010-06-02 Opt. Vine Chopper w/o Sep. Ext. Plumb to Tractor

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0175	Vine Chopper for 190 w/o Sep. Ext. Plumbed to Tractor	0		For Straigh Rear Chopper Sheild, Use SHD-2008
1	SFT-2016	Shaft, Flail Rotor, 190 Chopper	1		Replaces SFT-2014
2	BRA-2009	Bracket, Knife Holder, Vine Chopper, 190 Tomato	1		
3	KN-142141	Knife	5		
4	BAR-2020	Bar, Long Flail, Vine Chopper	27		
6	PAN-2010	Panel, LH Housing, Vine Chopper, 190 Tomato	1		
7	PAN-2011	Panel, RH Housing, Vine Chopper, 190 Tomato	1		
8	SHD-2019	Shield, Back Panel, 190 Vine Chopper	1		
9	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
11	BR-175-085-KB	Fafnir Bearing 1 ¾" Heavy SS1	2		
12	BR-085-RAK	Bearing Housing 85 mm	2		
13	BAR-2018	Bar, Vine Chopper, 190 Tomato Machine	2		
14	HM-115	Hydraulic Motor	1		
15	BT-2010	Vine Chopper, Belting 190, Post 2005	1		
16	MOU-2015	Motor Mount, 190 Vine Chopper	1		
17	SHD-2015	Expanded Metal, Sheild, 190 Vine Chopper	2		
18	SUP-2002	Motor Mount Support, Vine Chopper	1		
19	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
20	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
21	GF-1428	Grease Fitting 1/4" x 28 straight	2		
22	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
23	CPR-422D-18	Coupler, Shaker, Motor Side, 1" Shaft	1	30095001-	
24	CPR-422-18	Lovejoy Donut W/ Hardware	1		
26	BRA-2010	Top LH Bent, Vine Chopper, 190 Tomato Machine	1		
27	BRA-2011	Top, LH Sd Bent, Vine Chopper, 190 Tomato	1		
28	BRA-2012	Top RH Bent, Vine Chopper, 190 Tomato	1		
29	BRA-2013	Top RH Sd Bent, Vine Chopper, 190 Tomato	1		
30	PL-2001	Plastic, Vine Chopper, 190 Tomato Machine	1		

31	BRA-2014	Bracket, Plastic Holder, Vine Chopper, 190 Tomato	1
34	KEY-6-6-32	Shaft Key 3/8” x 2 “ Square Cut (1018)	2
40	WT-17H	Heavy Duty Wire Tie 17.5”	15
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1
45	DC-1182	Decal, White 'PIK RITE' 3 1/4” x 23”	1
46	DC-1184	Danger Decal, 3” x 16”	1
47	BRA-0114	Stiffiner Bracket, Vine Chopper, 190	2
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	18
103	BL-6-SW	3/8 SAE FW ZC	36
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	48
105	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	54
106	BL-8-175-H	1/2-13 X 1 ¾ HEX CAP G5 ZC	6
107	BL-8-SW	1/2 SAE FW ZC	31
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	22
109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	12
110	BL-8-LW	1/2 SPLIT LW ZC	8
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	15
112	BL-12-175-H-8	¾-10 x 1-¾” Grade 8 Hex Head	27
113	BL-12-LNS	¾-10 Stover Lock Nut	27
116	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
117	BL-4-FW-8	1/4” Flat Washer Grade 8	38
118	BL-4-075-H	1/4 UNC X ¾ HH C/S BOLT GR5 ZINC	9
119	BL-4-LN	1/4-20 HEX LN NE ZC	23
120	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	6
121	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	8
122	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	10
123	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
124	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	1
125	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2
127	BL-4-250-H	1/4-20 X 2 1/2 HEX CAP G5 ZC	2

128	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	14
600	A-1404-4-6	1/4” MP x 3/8” FPX	1
601	H6-564-6MP-8MP	3/8 in hose 3/8MP x 1/2MP x 564 in long	1
602	A-6901-12-8	12 SAE x 1/2” FPX 90°, Forged	2
603	HV-0110	Three Way Valve, Oil From Tractor, Vine Chopper	1
604	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2” w/ FPT	3
605	H10-504-8MP-8MP	5/8 in Hose 1/2MP x 1/2MP x 504 in long	2
606	A-6401-10-8	10 SAE x 1/2 MPT Male	1
607	A-6900-10-8	10 SAE x 1/2 FPX	2
608	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	2
609	A-1603-8-8-8	Swivel T 1/2” NPTF	1
610	A-6901-6-6	6 SAE x 3/8” FPX 90°, Forged	1
611	H8-120-12MP-6MP	1/2 in Hose ¾MP x 3/8MP x 120 in long	1
612	A-5404-12-12	Hex Nipple ¾” x ¾”	1
613	A-1603-12-12	Swivel T ¾” NPTF	1
614	A-1501-8-8	1/2 MP x 1/2 FPX90°	1
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1

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10010-06-50 Optional Vine Chopper w/Separation Extension

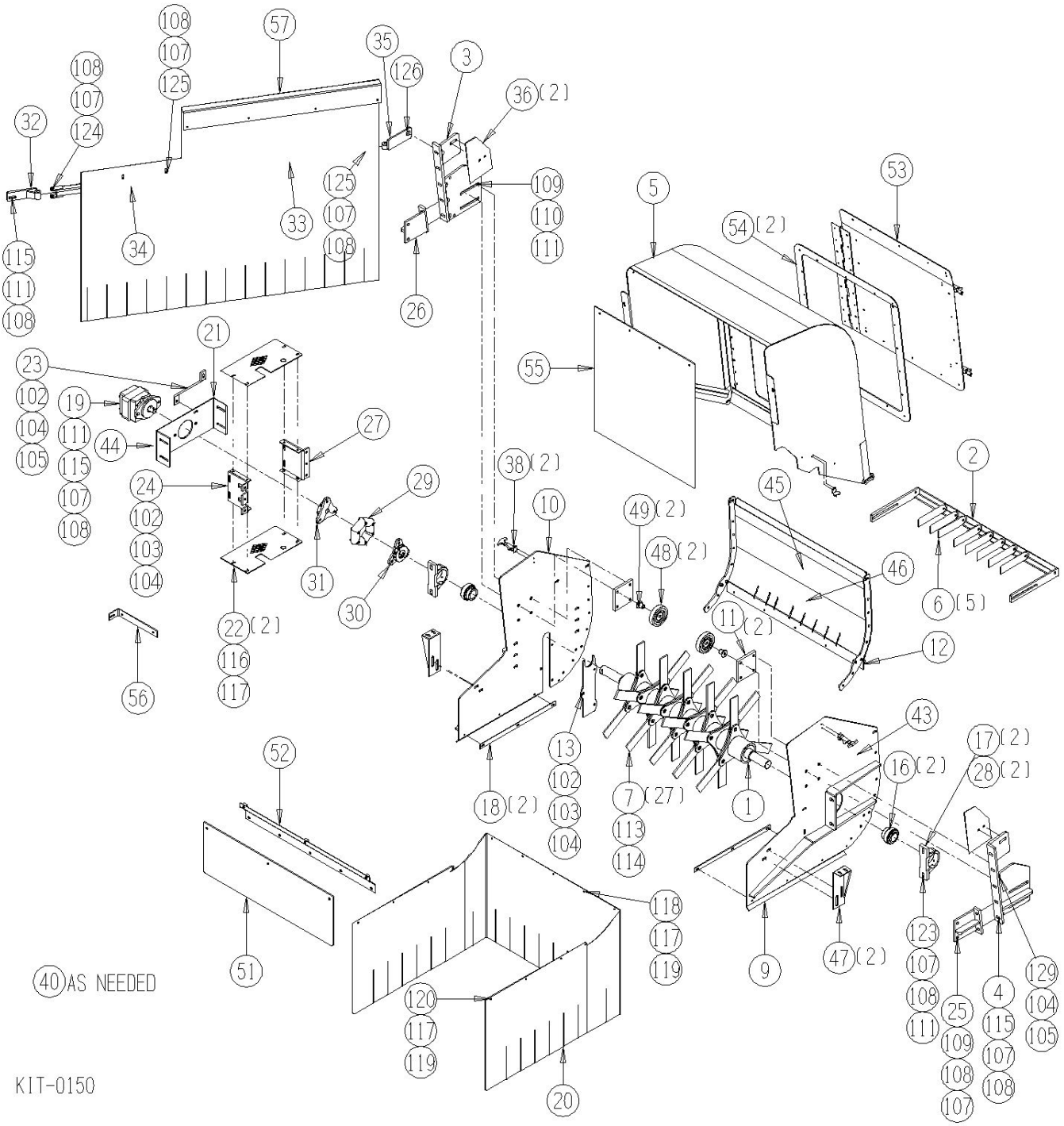
Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0150	Vine Chopper for 190 w/ Sep. Ext. Plmbd to Tractor	0	Machine w/ Sep. Ext.	For Pony Pump Sut up use Kit-0206 For Straight Rear Chopper Shield, Use SHD-2011
1	SFT-2016	Shaft, Flail Rotor, 190 Chopper	1		Replaces SFT-2014
2	BRA-2009	Bracket, Knife Holder, Vine Chopper, 190 Tomato	1		
3	MOU-2013	Hefty Right Mount, Vine Chopper, 190 Tomato	1		
4	MOU-2014	Hefty Left Mount, Vine Chopper, 190 Tomato	1		
5	SHD-2024	Shield, Top, Rounded, Vine Chopper, 190 Tomato Harvester	1		
6	KN-142141	Knife	5		
7	BAR-2020	Bar, Long Flail, Vine Chopper	27		
9	PAN-2012	Panel, LH Housing, Vine Chopper, 190 Tomato	1		
10	PAN-2013	Panel, RH Housing, Vine Chopper, 190 Tomato	1		
11	BAR-2013	Bar, Inside Plate, Vine Chopper, 190 Tomato	2		
12	SHD-2018	Shield, Back, Vine Chopper	1		
13	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
16	BR-175-085-KB	Fafnir Bearing 1 ¾" Heavy SS1	2		
17	BR-085-RAK	Bearing Housing 85 mm	2		
18	BAR-2015	Belting Bar, Vine Chopper, 190 Tomato	2		
19	HM-115	Hydraulic Motor	1		
20	BT-2007	Belting, 190 Vine Chopper, Update Sheild	1	BT-2007	
21	MOU-2010	Motor Mount, Vine Chopper, 190 Tomato Machine	1		
22	SHD-2009	Coupler Shield, Vine Chopper	2		
23	SUP-2002	Motor Mount Support, Vine Chopper	1		
24	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
25	MOU-2003	Left, Front Mount, Vine Chopper, 190 Tomato	1		
26	MOU-2004	Right, Front Mount, Vine Chopper, 190 Tomato	1		
27	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
28	GF-1428	Grease Fitting 1/4" x 28 straight	2		
29	CPR-422-18	Lovejoy Donut W/ Hardware	1		

30	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
31	CPR-422D-18	Coupler, Shaker, Motor Side, 1” Shaft	1	30095001-	
32	ARM-2000	Arm, Outside Mount Support, Vine Chopper, 190	1		
33	ARM-2001	Arm, Support, Inside Tube, Vine Chopper, 190	1		
34	ARM-2002	Arm, Support, Outside Tube, Vine Chopper, 190	1		
35	ARM-2003	Arm, Inside Mount Support, Vine Chopper, 190	1		
36	SHD-2031	Shield, Vine Chopper, 190Tomato Harvester	2	10011-	
38	LA-703	Large Rubber T Latch Assembly	2		
40	WT-17H	Heavy Duty Wire Tie 17.5”	30		
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1		
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
45	DC-1182	Decal, White 'PIK RITE' 3 1/4” x 23”	1		
46	DC-1184	Danger Decal, 3” x 16”	1		
47	BRA-0115	Stiffner Bracket, Vine Chopper, 190	2		
48	RLR-040-108	4” Flat Roller	2		Changed to Urethane in 2006
49	RLA-000-118	Standoff, 1/2” X 1 1/8”	2		
51	PL-2002	Plastic, Vine Chopper, Vine Chain, 190	1		
52	BRA-2014	Bracket, Plastic Holder, Vine Chopper, 190 Tomato	1		
53	SHD-2023	Rolled, Vine Chopper Door, 190 Tomato Harvester	1		
54	BT-2013	Belting,Vine Chopper Door	2	BT-2013	
55	BT-2009	Belting, Weed Turner, 190 Chopper w/Sep.	1		
56	ARM-2008	Arm, Belting Holder, Fan Intake Protector, 190	1		
57	BT-2008	Belting, Fan Intake Shield, 190 Chopper	1		
100	BL-12-LN	¾” Lock Nuts w/Nylon Inserts	2		
101	BL-12-FW	¾” Flat Washer	2		
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	18		
103	BL-6-SW	3/8 SAE FW ZC	40		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	63		
105	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	76		
106	BL-8-175-H	1/2-13 X 1 ¾ HEX CAP G5 ZC	6		
107	BL-8-SW	1/2 SAE FW ZC	31		

108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	30
109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	12
110	BL-8-LW	1/2 SPLIT LW ZC	14
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	15
112	BL-12-225-H	¾-10 X 2 1/4” HH GR5 ZC	2
113	BL-12-LNS	¾-10 Stover Lock Nut	27
114	BL-12-175-H-8	¾-10 x 1-¾” Grade 8 Hex Head	27
115	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	7
116	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
117	BL-4-FW-8	1/4” Flat Washer Grade 8	126
118	BL-4-075-H	1/4 UNC X ¾ HH C/S BOLT GR5 ZINC	40
119	BL-4-LN	1/4-20 HEX LN NE ZC	72
120	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	16
121	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	8
122	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	17
123	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
124	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	1
125	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	8
126	BL-16-LN	1” Lock Nuts w/ Nylon Inserts	1
127	BL-4-250-H	1/4-20 X 2 1/2 HEX CAP G5 ZC	2
128	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	27
130	RI-3-5-P	Pop Rivet 3/16 x 5/16 Domed, .375 head, ea	4
131	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	2
600	A-1404-4-6	1/4” MP x 3/8” FPX	1
601	H6-564-6MP-8MP	3/8 in hose 3/8MP x 1/2MP x 564 in long	1
602	A-6901-12-8	12 SAE x 1/2” FPX 90°, Forged	2
603	HV-0110	Three Way Valve, Oil From Tractor, Vine Chopper	1
604	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2” w/ FPT	3
605	H10-504-8MP-8MP	5/8 in Hose 1/2MP x 1/2MP x 504 in long	2
606	A-6401-10-8	10 SAE x 1/2 MPT Male	1
607	A-6900-10-8	10 SAE x 1/2 FPX	2

608	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	2
609	A-1603-8-8-8	Swivel T 1/2” NPTF	1
610	A-6901-6-6	6 SAE x 3/8” FPX 90°, Forged	1
611	H8-120-12MP-6MP	1/2 in Hose ¾MP x 3/8MP x 120 in long	1
612	A-5404-12-12	Hex Nipple ¾” x ¾”	1
613	A-1603-12-12	Swivel T ¾” NPTF	1
614	A-1501-8-8	1/2 MP x 1/2 FPX90°	1
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1

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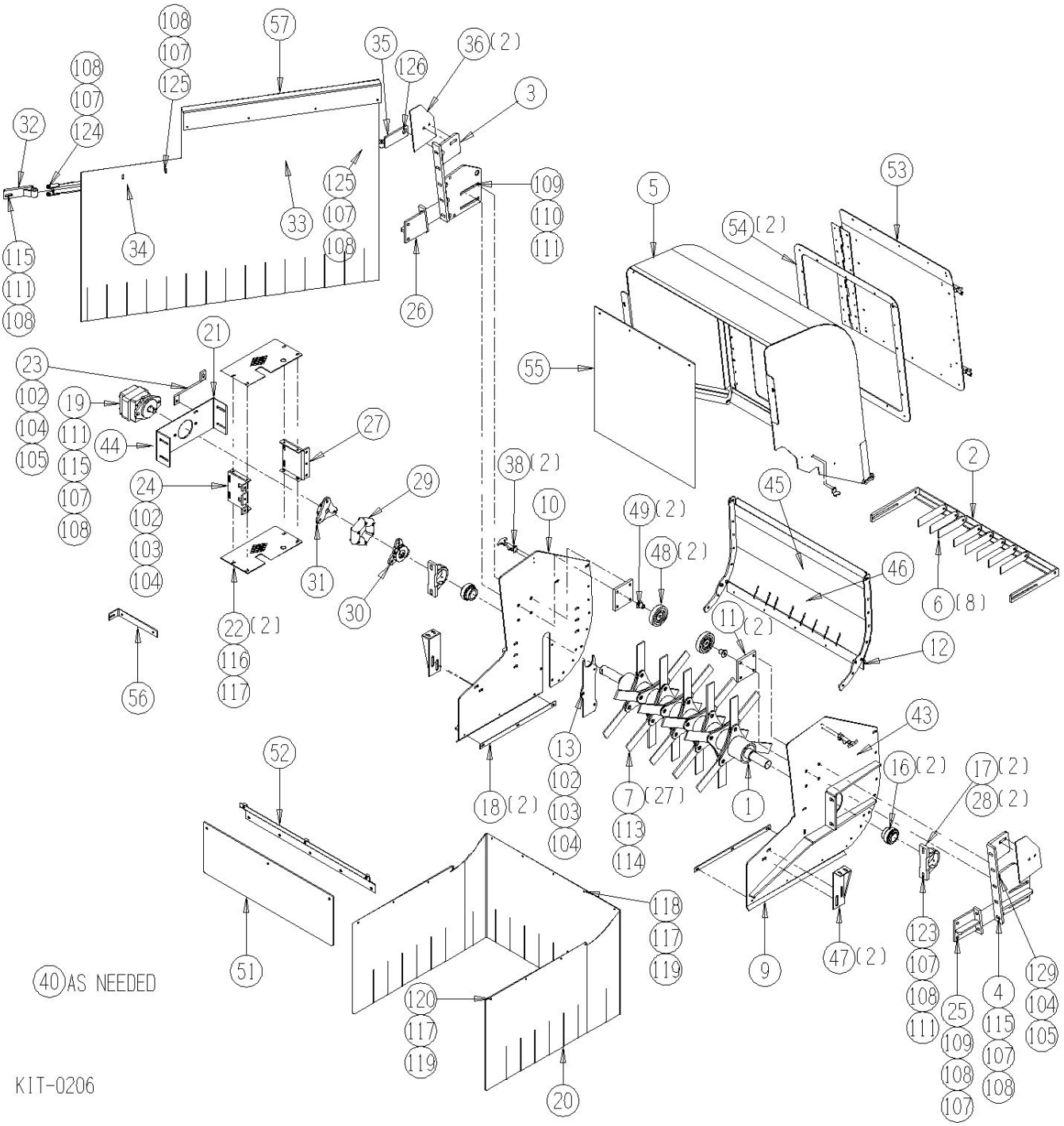
10010-06-51 Opt. Vine Chopper w/Sep. Ext. Plumb to System

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	0500	Assembly Area	6.62		
0	KIT-0206	190 Vine Chopper w/Sep Ext Plumbed to Opt Pump	0		For Straight Chopper Shield, Use SHD-2011
1	SFT-2016	Shaft, Flail Rotor, 190 Chopper	1		Replaces SFT-2014
2	BRA-2009	Bracket, Knife Holder, Vine Chopper, 190 Tomato	1		
3	MOU-2013	Hefty Right Mount, Vine Chopper, 190 Tomato	1		
4	MOU-2014	Hefty Left Mount, Vine Chopper, 190 Tomato	1		
5	SHD-2024	Shield, Top, Rounded, Vine Chopper, 190 Tomato Harvester	1		
6	KN-142141	Knife	5		
7	BAR-2020	Bar, Long Flail, Vine Chopper	27		
9	PAN-2012	Panel, LH Housing, Vine Chopper, 190 Tomato	1		
10	PAN-2013	Panel, RH Housing, Vine Chopper, 190 Tomato	1		
11	BAR-2013	Bar, Inside Plate, Vine Chopper, 190 Tomato	2		
12	SHD-2018	Shield, Back, Vine Chopper	1		
13	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
16	BR-175-085-KB	Fafnir Bearing 1 ¾" Heavy SS1	2		
17	BR-085-RAK	Bearing Housing 85 mm	2		
18	BAR-2015	Belting Bar, Vine Chopper, 190 Tomato	2		
19	HM-115	Hydraulic Motor	1		
20	BT-2007	Belting, 190 Vine Chopper, Update Sheild	1	BT-2007	
21	MOU-2010	Motor Mount, Vine Chopper, 190 Tomato Machine	1		
22	SHD-2009	Coupler Shield, Vine Chopper	2		
23	SUP-2002	Motor Mount Support, Vine Chopper	1		
24	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
25	MOU-2003	Left, Front Mount, Vine Chopper, 190 Tomato	1		
26	MOU-2004	Right, Front Mount, Vine Chopper, 190 Tomato	1		
27	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
28	GF-1428	Grease Fitting 1/4" x 28 straight	2		
29	CPR-422-18	Lovejoy Donut W/ Hardware	1		

30	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
31	CPR-422D-18	Coupler, Shaker, Motor Side, 1” Shaft	1	30095001-	
32	ARM-2000	Arm, Outside Mount Support, Vine Chopper, 190	1		
33	ARM-2001	Arm, Support, Inside Tube, Vine Chopper, 190	1		
34	ARM-2002	Arm, Support, Outside Tube, Vine Chopper, 190	1		
35	ARM-2003	Arm, Inside Mount Support, Vine Chopper, 190	1		
36	SHD-2031	Shield, Vine Chopper, 190Tomato Harvester	2	10011-	
38	LA-703	Large Rubber T Latch Assembly	4		
43	DC-1174	Decal, Danger Keep Hands and Feet Away	1		
44	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
45	DC-1182	Decal, White 'PIK RITE' 3 1/4” x 23”	1		
46	DC-1184	Danger Decal, 3” x 16”	1		
47	BRA-0115	Stiffner Bracket, Vine Chopper, 190	2		
48	RLR-040-108	4” Flat Roller	2		Changed to Urethane in 2006
49	RLA-000-118	Standoff, 1/2” X 1 1/8”	2		
51	PL-2002	Plastic, Vine Chopper, Vine Chain, 190	1		
52	BRA-2014	Bracket, Plastic Holder, Vine Chopper, 190 Tomato	1		
53	SHD-2023	Rolled, Vine Chopper Door, 190 Tomato Harvester	1		
54	BT-2013	Belting,Vine Chopper Door	2	BT-2013	
55	BT-2009	Belting, Weed Turner, 190 Chopper w/Sep.	1		
56	ARM-2008	Arm, Belting Holder, Fan Intake Protector, 190	1		
57	BT-2008	Belting, Fan Intake Shield, 190 Chopper	1		
100	BL-12-LN	¾” Lock Nuts w/Nylon Inserts	2		
101	BL-12-FW	¾” Flat Washer	2		
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	18		
103	BL-6-SW	3/8 SAE FW ZC	40		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	69		
105	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	82		
106	BL-8-175-H	1/2-13 X 1 ¾ HEX CAP G5 ZC	6		
107	BL-8-SW	1/2 SAE FW ZC	31		
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	24		

109	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	12
110	BL-8-LW	1/2 SPLIT LW ZC	8
111	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	15
112	BL-12-225-H	¾-10 X 2 1/4" HH GR5 ZC	2
113	BL-12-LNS	¾-10 Stover Lock Nut	27
114	BL-12-175-H-8	¾-10 x 1-¾" Grade 8 Hex Head	27
115	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	7
116	BL-4-050-H	1/4-20 X 1/2 HEX CAP G5 ZC	8
117	BL-4-FW-8	1/4" Flat Washer Grade 8	126
118	BL-4-075-H	1/4 UNC X ¾ HH C/S BOLT GR5 ZINC	40
119	BL-4-LN	1/4-20 HEX LN NE ZC	72
120	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	16
121	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	8
122	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	17
123	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
124	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	1
125	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2
126	BL-16-LN	1" Lock Nuts w/ Nylon Inserts	1
127	BL-4-250-H	1/4-20 X 2 1/2 HEX CAP G5 ZC	2
128	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	24
129	BL-6-200-H	3/8-16 X 2 HEX CAP G5 ZC	6
130	RI-3-5-P	Pop Rivet 3/16 x 5/16 Domed, .375 head, ea	4
131	BL-8-400-H	1/2-13 X 4 HEX CAP G5 ZC	2
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1

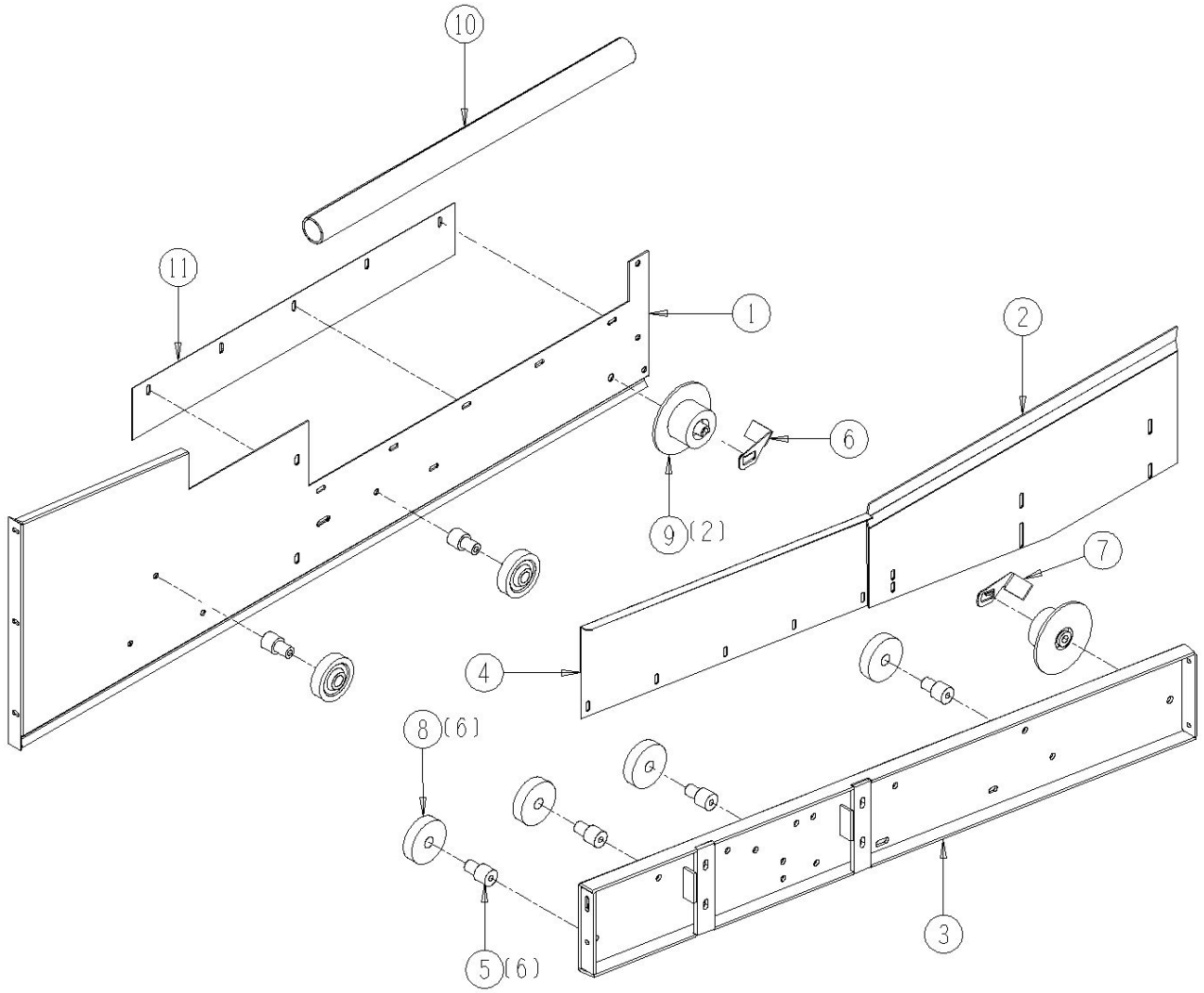
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10010-07-01 Cross Conveyor Frame Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PAN-0027	Panel Rear Cross Conveyor,	1		
2	195-211	Scraper, Transfer Return Roller	1	19201-	
3	195-615	Cross Conveyer Panel, front	1	19501-	
4	PAN-1615	Cross Conveyor Panel	1		
5	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	6	19101-	
6	RLA-3023-T	Straight Scraper, RH	1		
7	RLA-3024-T	Straight Scraper	1		
8	RLG-040-1016	4” Urethane Roller	6	Old Terog Part No. RU4	
9	RLT-635-2210-SC	6 1/2”Flange Roller w/Shaft for Scraper 5/8” Bore	2		
10	SHD-616	Shield, Plastic, Rear Cross Panel	1	19201-19810 / 19901-w/o Separation Kit	
11	SHD-617	Shield, Rear Cross Panel	1	19901-w/o Separation Kit	

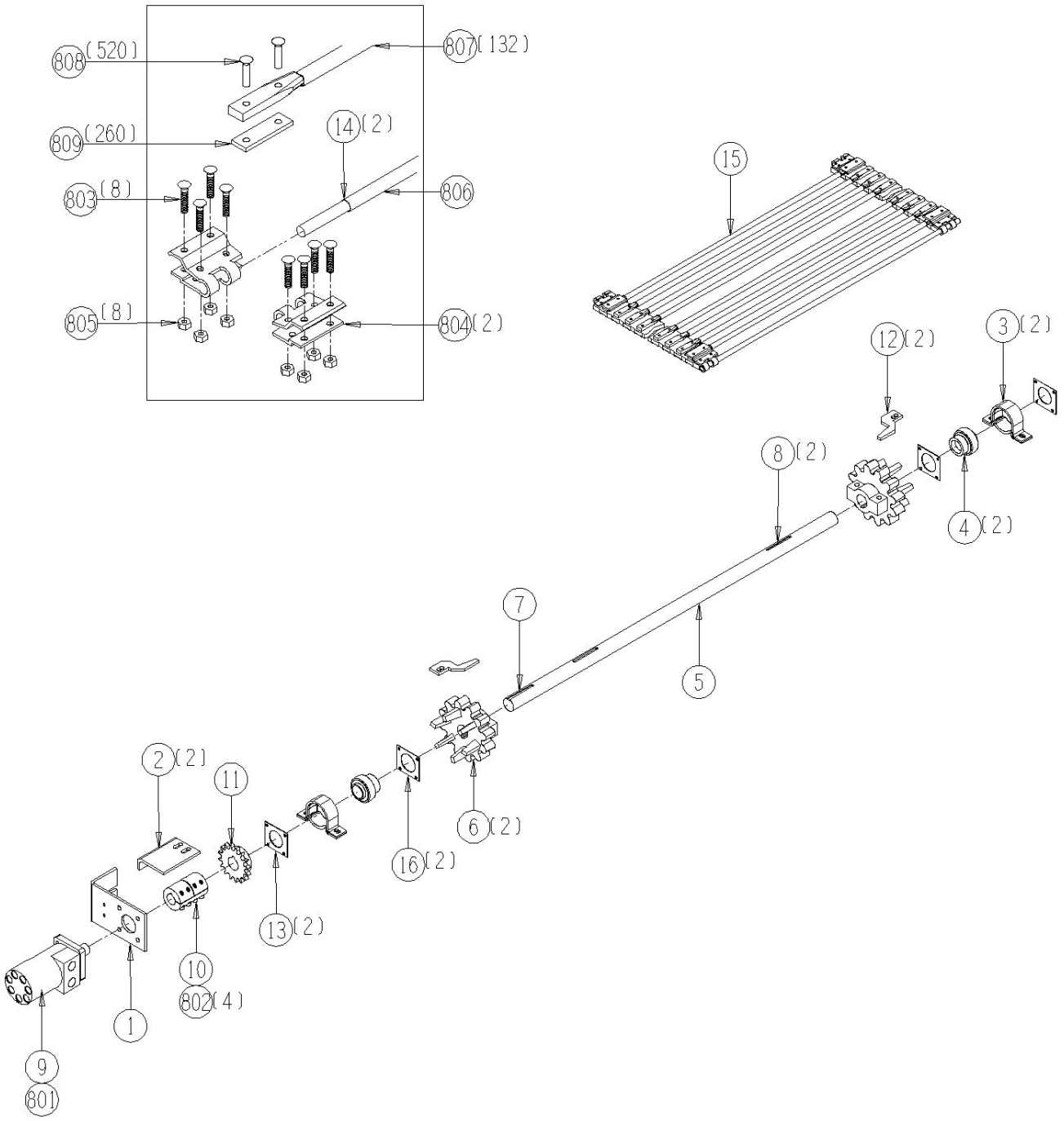
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10010-07-02 Cross Conveyor Drive Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	193-806	Mount motor	1		
2	193-806B	Motor Mount Stop	1		
3	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
4	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
5	SFT-603	Shaft, Drive, Cross Conveyor	1	19201-19724	Replaces 193-603 on Cross Conveyor
6	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4” key	2		Sub SP-3612-20-4
7	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
8	KEY-4-4-32	Shaft Key 1/4” x 2” Square Cut (1018)	2		
9	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
10	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
11	SP-50B16-20-4	Hardened Tooth Sprocket, #50, 16 Tooth, 1. 25” Bore	1		
12	SCR-101	Scraper, Sprocket, Hi Clearence	2		
13	SC-20-6	Bearing Protector, 1¼”, Inner Side	2		
14	BC-3525	Snap Ring, 11mm.	2		
15	BC-7-3236-133	Cross Conveyor Chain (Tomato)	1		Replaces BC-7-3236-135
16	SC-20-7	Bearing Protector, 1¼”, Outer, Lock Collar Side	2		
101	BL-5-125-H	5/16-18 X 1 1/4 HEX CAP G5 ZC	1		
801	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	
803	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	8		
804	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32 @ pair	2		Replaces BC-F-36-32
805	BC-1032-LN	10-32 lock nuts	8		
806	BC-7-32-CN	Connecting Rod, 11mm, 32” Wide Belted Chain, 60mm Traction Belts	1		For Clip Splice Option
807	BC-7-32-ST	7/16” x 32” Belted Chain Rod for 60mm Belt	132	11001	
808	RI-25-BC	25mm Belted Chain Rivets	520		
809	BC-BP32	Belt, Rivet backing plates 32mm	260	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts

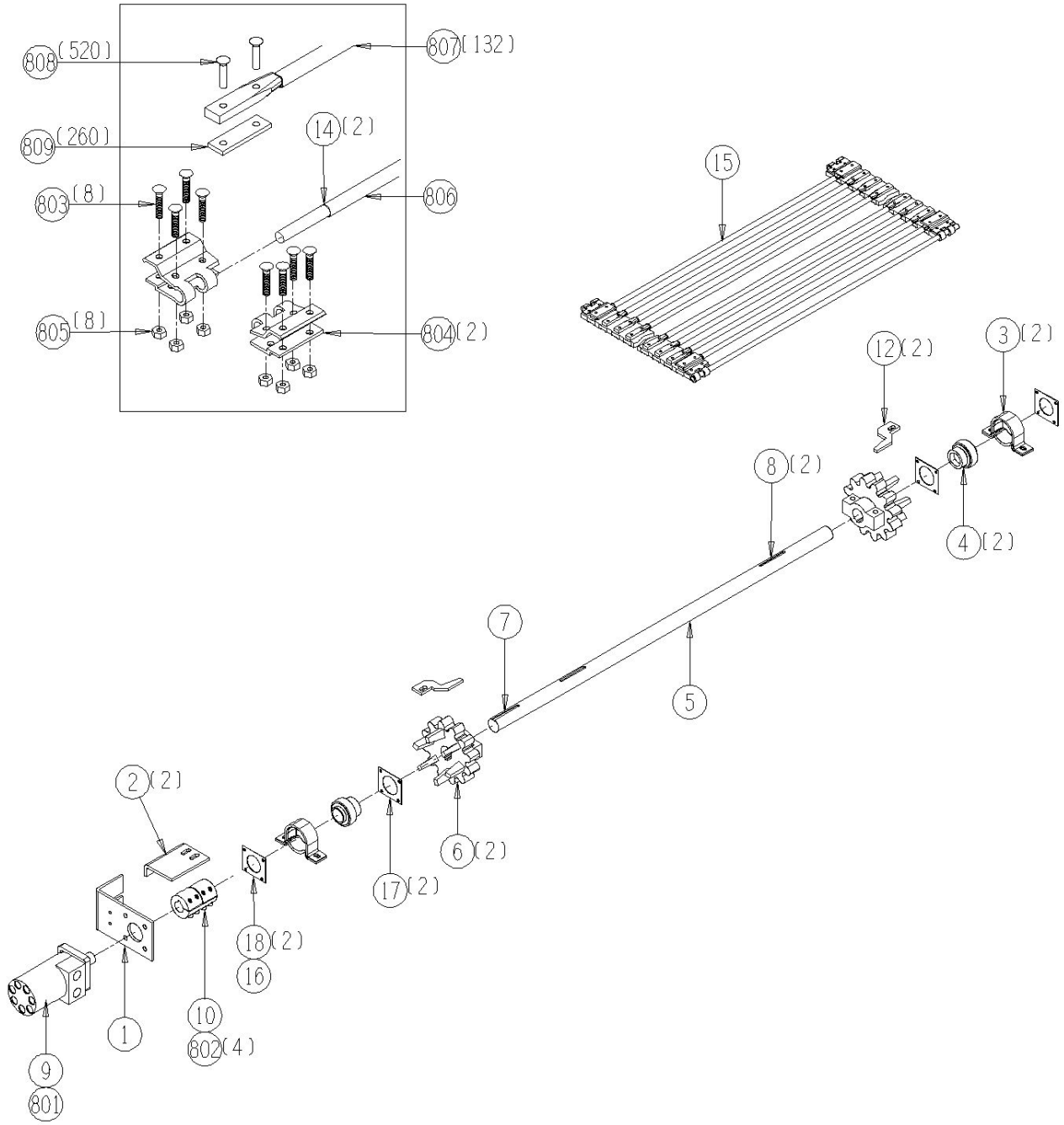
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10010-07-03 Oprtional Cross Drive Assembly, Air Cushion

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	193-806	Mount motor	1		
2	193-806B	Motor Mount Stop	1		
3	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
4	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
5	SFT-603	Shaft, Drive, Cross Conveyor	1	19201-19724	Replaces 193-603 on Cross Conveyor
6	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4” key	2		Sub SP-3612-20-4
7	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
8	KEY-4-4-32	Shaft Key 1/4” x 2” Square Cut (1018)	2		
9	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
10	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
12	SCR-101	Scraper, Sprocket, Hi Clearence	2		
14	BC-3525	Snap Ring, 11mm.	2		
15	BC-7-3236-133AC	Cross Conveyor Belt w/ Air Cushion	1		
16	BL-1032-175P	10/32 x 1 ¾” Pan Head, Phillips Machine Screw	8		
17	SC-20-7	Bearing Protector, 1¼”, Outer, Lock Collar Side	2		
18	SC-20-6	Bearing Protector, 1¼”, Inner Side	2		
101	BL-5-125-H	5/16-18 X 1 1/4 HEX CAP G5 ZC	1		
801	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	
803	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	8		
804	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32 @ pair	2		Replaces BC-F-36-32
805	BC-1032-LN	10-32 lock nuts	8		
806	BC-7-32-AC	7/16” x 32” Rod w/ 24mm Air Cushion Cover	1		
807	BC-7-32-ST	7/16” x 32” Belted Chain Rod for 60mm Belt	132	11001	
808	RI-25-BC	25mm Belted Chain Rivets	520		
809	BC-BP32	Belt, Rivet backing plates 32mm	260	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts

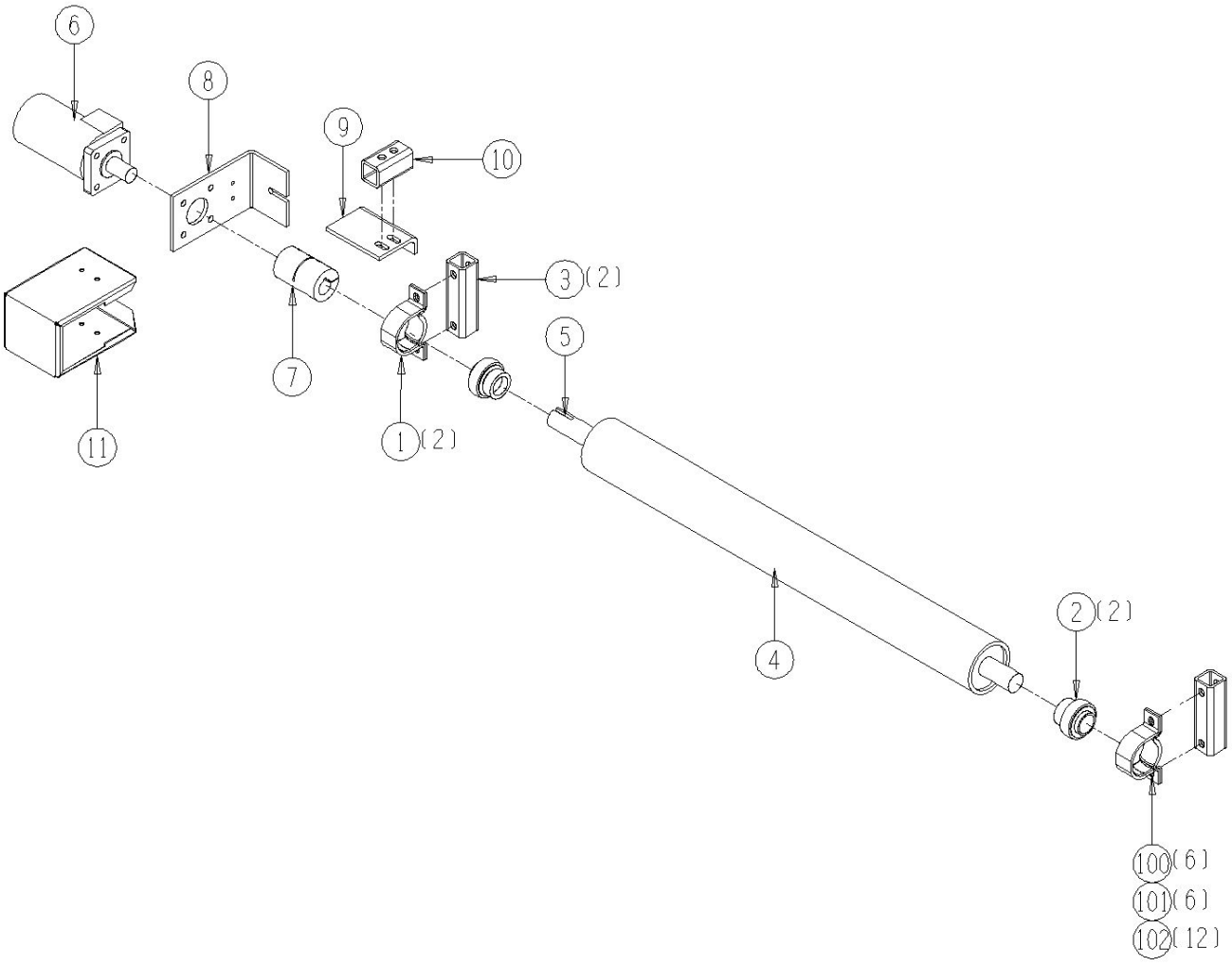
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10010-07-10 Cross Conveyor Return Roller Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	191-611	Spacer blocks for bearing	2	19101-	
4	194-610	Cross Chain cleaner Roller	1	110-	Replaces 110-610
5	KEY-4-4-24	Shaft Key 1/4” x 1 1/2” Square Cut (1018)	1		
6	HM-214-TC	Hydraulic Motor	1		Seal Kit # TCI-SKHPQ
7	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
8	193-806	Mount motor	1		
9	193-806B	Motor Mount Stop	1		
10	SPA-0071	Motor Stop Spacer	1		
11	193-806C	Motor Guard	1	19301-	
100	BL-6-300-H	3/8 UNC X 3 HH C/S BOLT GR5 ZINC	6		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	6		
102	BL-6-SW	3/8 SAE FW ZC	12		

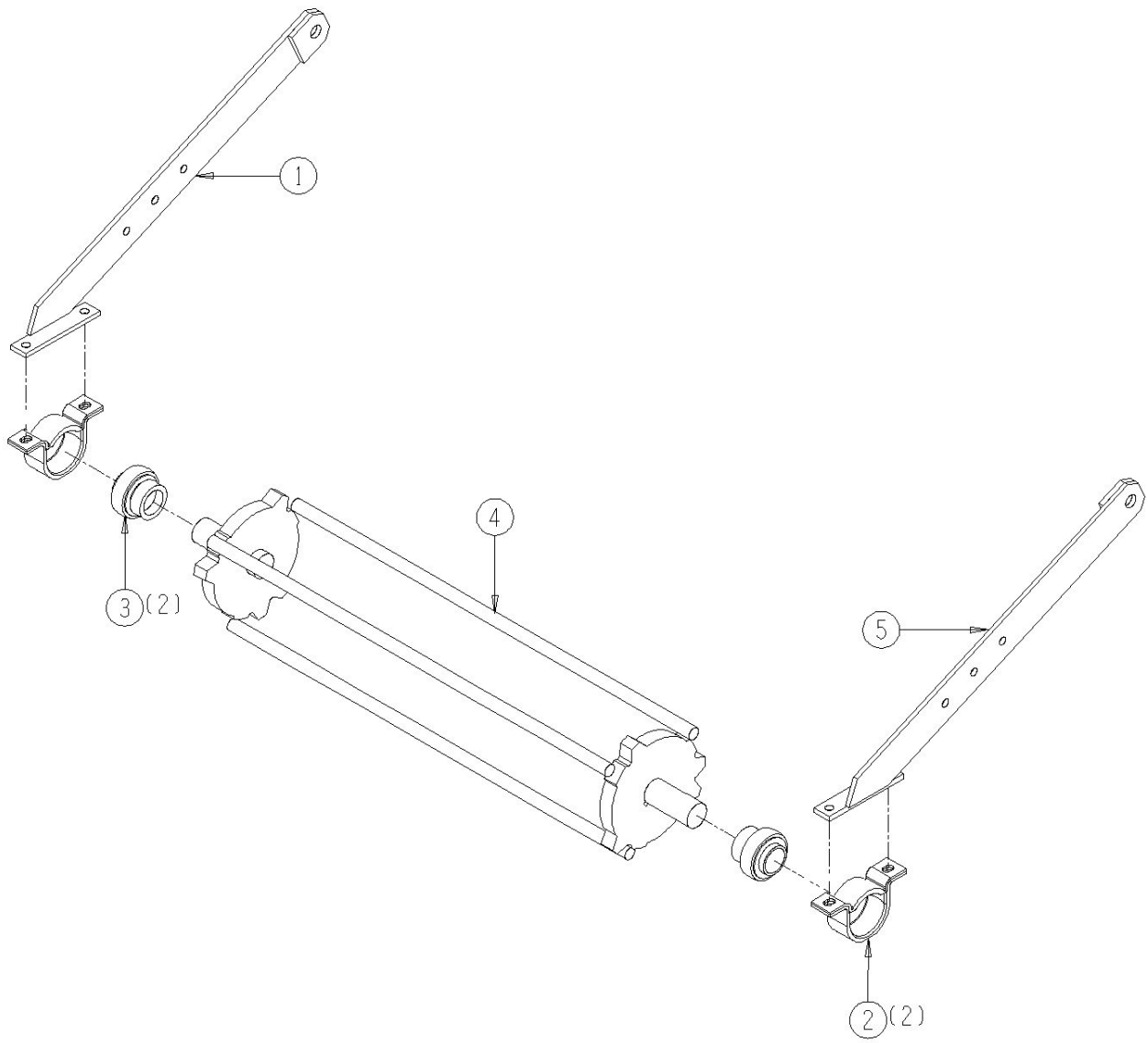
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10010-07-11 Optional Cross Conveyor Chain Cleaner Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	192-362B	Chain cleaner bar (Right)	1	19101	
2	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
3	BR-125-062I	Bearing, 1 1/4” ID, TS	2		FIT Bearing
4	194-661	Bar Cleaner, 36mm pitch x 32” wide chain	1		
5	192-362A	Chain cleaner bar (Left)	1	19101-	
100	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
102	BL-6-SW	3/8 SAE FW ZC	8		
103	BL-10-075-SH	5/8 X ¾ SHOULDER BOLTS	2	11001-	
104	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	2		
105	BL-8-SW	1/2 SAE FW ZC	2		

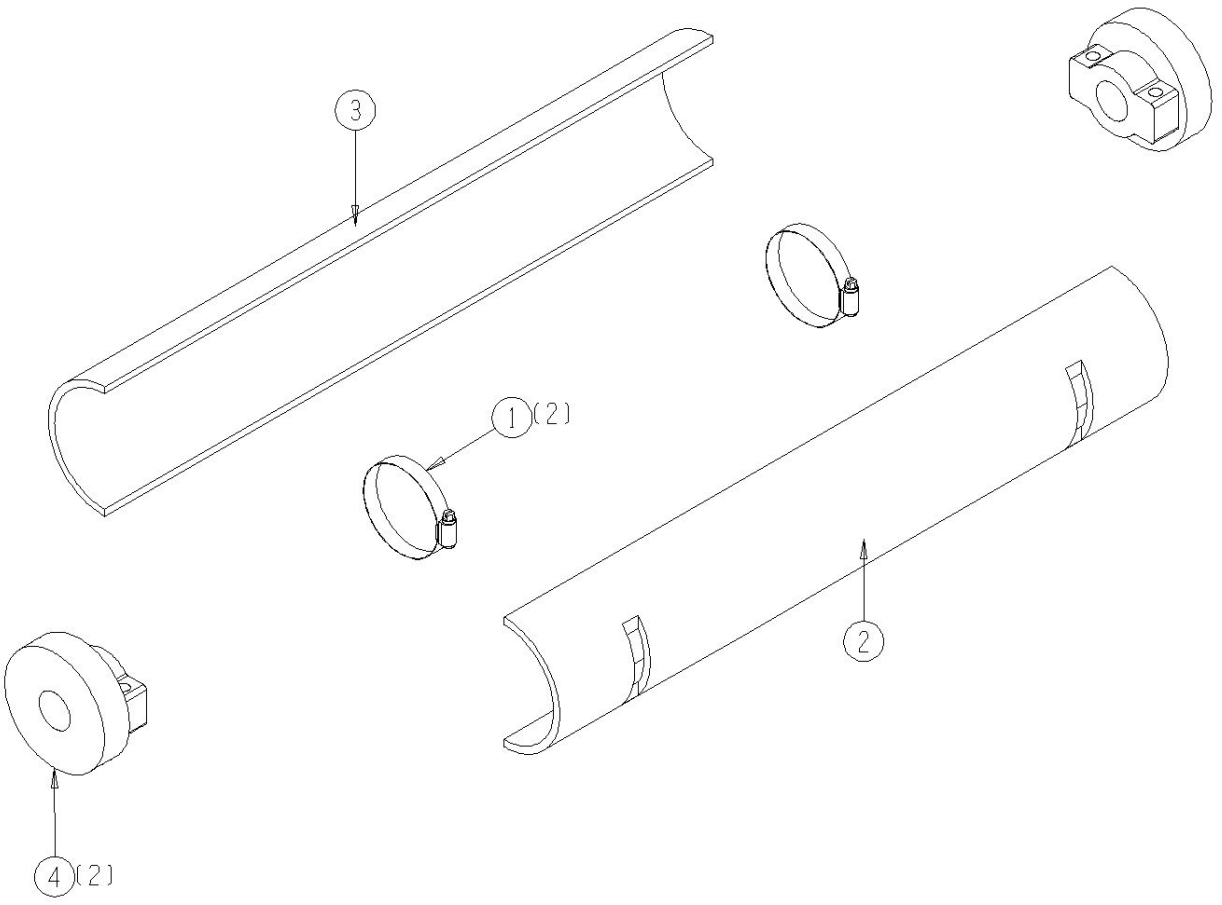
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10010-07-15 Opt. Cross Drive Anti-Wrap Shield Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0057	Cross Conveyor Anti Wrap Shield	0		For 32” Wide Belted Chains Use Kit-0128 for 36 in chains
1	CL-72	5” Gear Clamp	2		
2	PL-1412	Plastic, Shield, Anti-Wrap, Shaft Drv, 32” Chains	1		
3	PL-1416	Shield, Anti Wrap, Cross Conveyor, 24.375”	1	KIT-0057	
4	PL-1421	Urethane Hub for Shaft Cover 1 1/4” Bore	2		Replaces PL-1415

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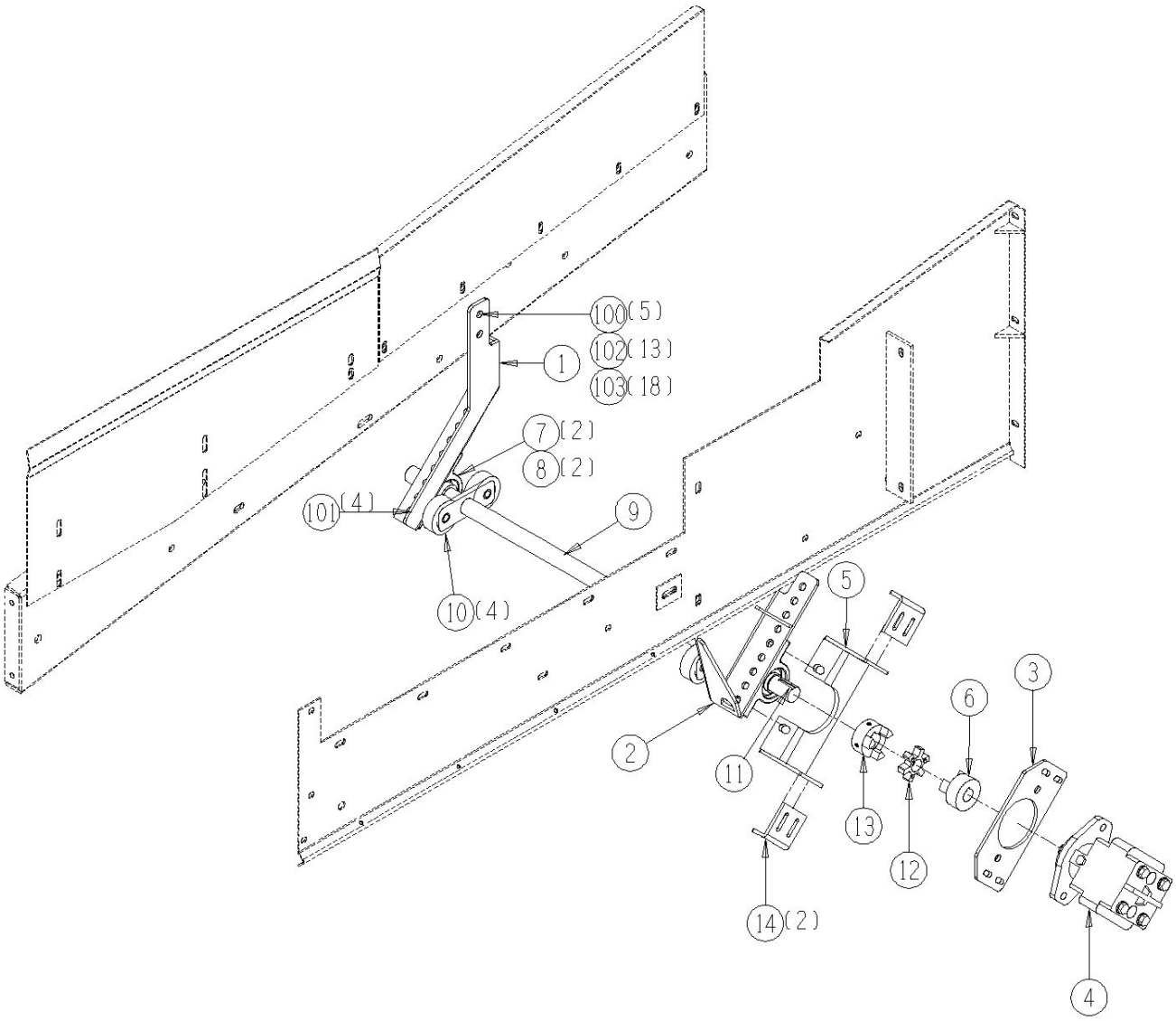


10010-07-16 Opt. Cross Conveyor Vibrator Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	MOU-0107	Dirt Vibrator Cross Conveyor Mount, 290	1		
2	MOU-0108	Cross Conveyor Dirt Vibrator Mount, 290 Harvester	1	MOU-0108	
3	MOU-0167	Mount, Motor Cross Vibrator,190	1		
4	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1" shaft
5	MOU-0165	Motor Mount, Stop, Cross Vibrator, 190 Tomato	1		
6	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
7	BR-062-RAK	62mm Cast Housing	2		
8	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
9	192-136	Vibrator shaft	1	19201-	
10	RLT-027-108	Roller 2.75" dia. 1/2" Bore	4		2755C1X (Old Number, Single Bearing)
11	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	
12	CPJ-6055	Coupler, L100, Urethene Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
13	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore	1	19101	Sub 194-6053 Exept on Debris Fan
14	MOU-0175	Mount, Cross Vibrator 190	2		
100	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	5		
101	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	4		
102	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	13		
103	BL-8-FW	1/2 USS FW ZC	18		
104	BL-8-275-H	1/2 UNC X 2 ¾ HH C/S BOLT GR5 ZINC	2		
105	BL-8-250-H	1/2-13 X 2 1/2 HEX CAP G5 ZC	2		
600	HV-FL16	Flow control valve 16GPM	1		
601	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	1		
602	A-6901-10-12	10 SAE x ¾ FPX90°, Forged	1		
603	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2		
604	A-6401-10-8	10 SAE x 1/2 MPT Male	1		
605	A-1603-8-8-8	Swivel T 1/2" NPTF	1		
606	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	2		
607	H12-76-12MP-8MP	¾ in hose ¾MP x 1/2MP x 76 in long	1		

800	HM-412B	Key for Hydraulic Motor -Shaker Weight-Vibrator	1	HM-412C & HM-712C
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1	
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1	

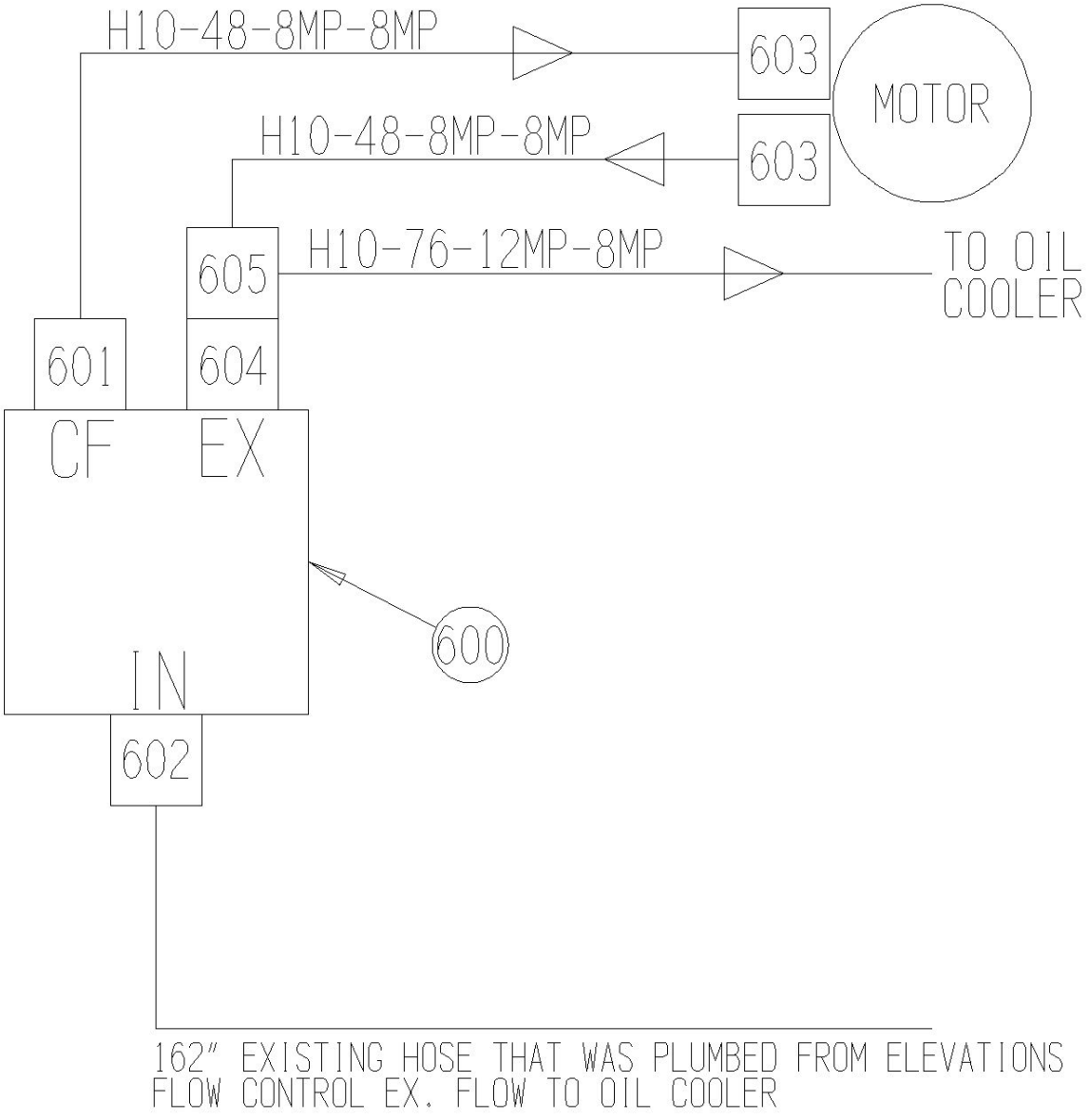
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10010-07-16H Opt. Cross Vibrator Hydraulic Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
600	HV-FL16	Flow control valve 16GPM	1		
601	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	1		
602	A-6901-10-12	10 SAE x ¾ FPX90°, Forged	1		
603	A-6900-10-8	10 SAE x 1/2 FPX	2		
604	A-6401-10-8	10 SAE x 1/2 MPT Male	1		
605	A-1603-8-8-8	Swivel T 1/2" NPTF	1		
606	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	2		
607	H12-76-12MP-8MP	¾ in hose ¾MP x 1/2MP x 76 in long	1		

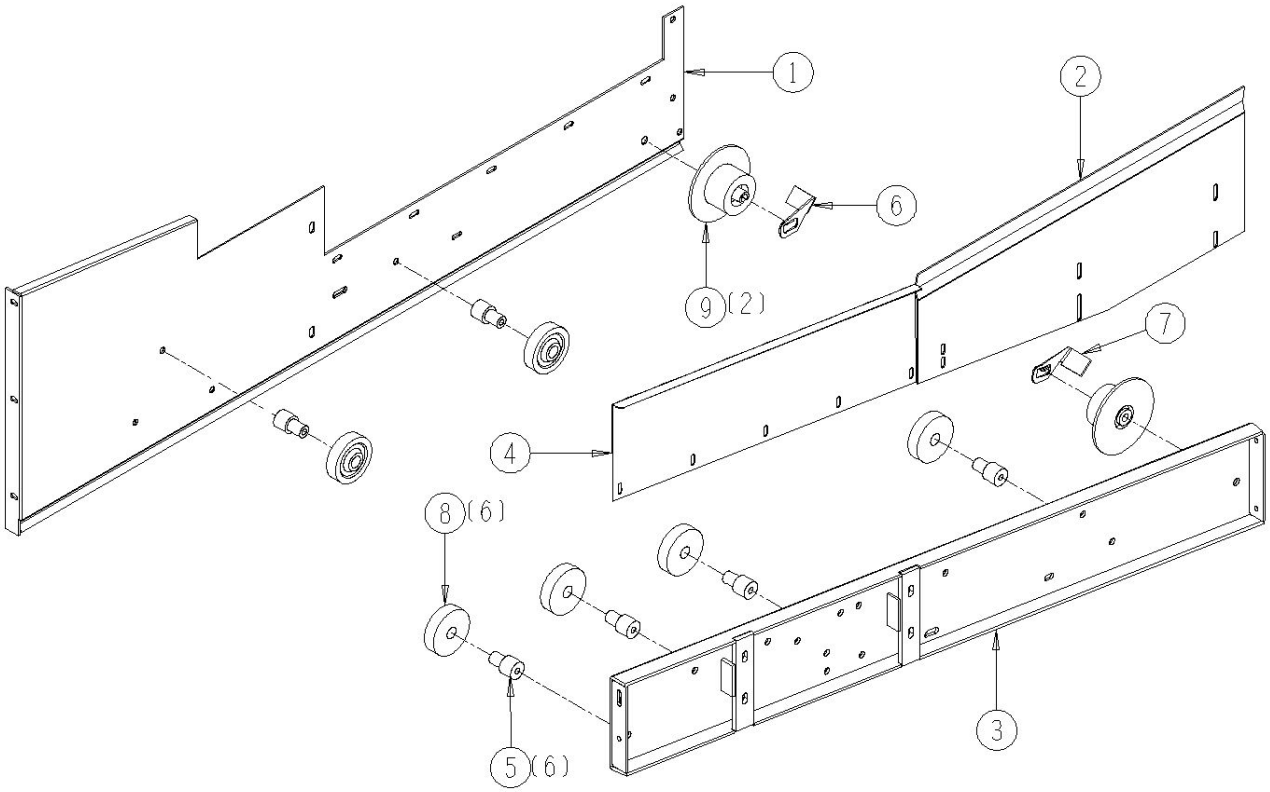
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H10-76-12MP-8MP
TO OIL
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162" EXISTING HOSE THAT WAS PLUMBED FROM ELEVATIONS
FLOW CONTROL EX. FLOW TO OIL COOLER

10010-07-50 Optional Cross Frame (for Vine Chain) Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	192-616	Cross conveyer panel, rear	1	19201-	
2	195-211	Scraper, Transfer Return Roller	1	19201-	
3	195-615	Cross Conveyer Panel, front	1	19501-	
4	PAN-1615	Cross Conveyor Panel	1		
5	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	6	19101-	
6	RLA-3023-T	Straight Scraper, RH	1		
7	RLA-3024-T	Straight Scraper	1		
8	RLG-040-1016	4” Urethane Roller	6	Old Terog Part No. RU4	
9	RLT-635-2210-SC	6 1/2”Flange Roller w/Shaft for Scraper 5/8” Bore	2		

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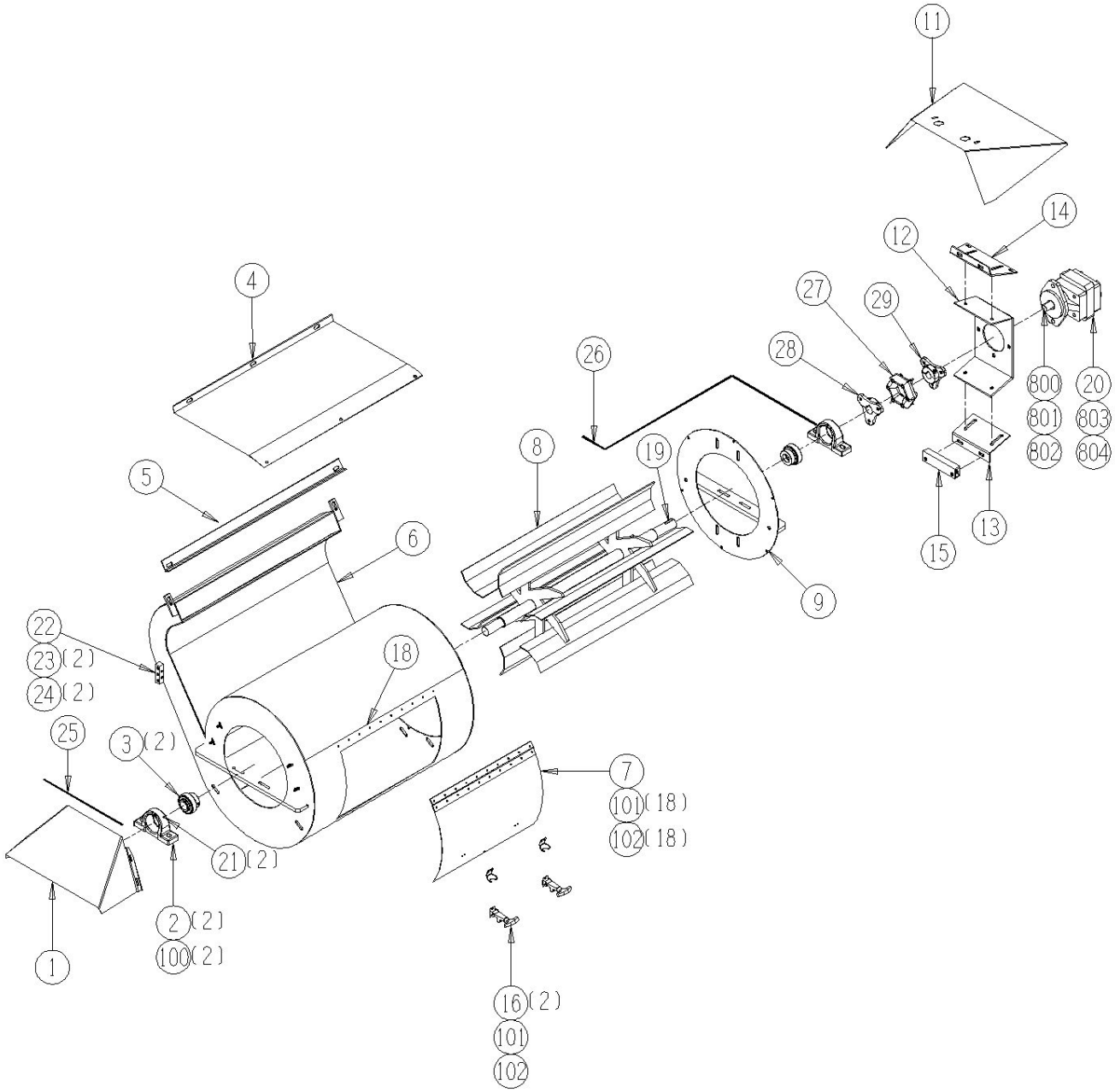


10010-07-70 Debris Fan Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-733	Fan dirt guard (rear)	1	19101-	
2	BR-072-RAK	72mm Cast Housing	2		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
4	191-732	Cover, Debris Fan	1	19101-	
5	110-611	Scraper, Cross Conveyor, Return Roller	1	11001-	
6	191-701	Fan housing & diffuser	1	19101-	
7	COV-703	Cover, Fan Clean-Out Door	1	19701-	
8	195-702	Debris Fan	1	19101-	
9	191-701A	Access Panel, Debris Fan	1	19101-	
11	191-734	Fan dirt guard (motor side)	1	19101-	
12	192-704	Mount, Debris Fan	1	19201-	
13	192-704B	Bracket, Debris Fan Motor, Bottom	1	19201-	
14	192-704T	Motor mount, Top	1	19201-	
15	SPA-735A	Spacer,Housing-Frame(NARROW)	1		Sub SPA-735(NARROW)
16	LA-703	Large Rubber T Latch Assembly	2		
18	DC-1175	Decal, Danger, Rotating Blade Hazard	1		
19	KEY-4-4-16	Shaft Key 1/4” X 1/4” X 1” Square Cut (1018)	1	20095001-	
20	HM-712-1	Hydraulic Gear Motor	1		Same as HM-712C except w/ 1” shaft
21	GFA-51942	1/4”-28 Straight Adapter	2		
22	GF-3-3	3” Grease Manifold	1		
23	GF-1827	Grease Fitting 1/8 NPT Straight	2		
24	A-1404-2-2	1/8 MP x 1/8 FPX	2		
25	H2-30-2MP-2MP	1/8 in Hose x 1/8MP x 1/8MP x 30in Long	1		
26	H2-67-2MP-2MP	1/8in Hose x 1/8MP x 1/8MP x 67in Long	1		
27	CPR-422-15	Primary Shaker Drive Coupler	1		Used on Sec. Sh. Beginning 2000
28	CPR-422D-15	Coupler,1-1/4” Bore, 1/4” Key	1		
29	CPR-422A-15	Primary Shaker Coupler (Motor Side)	1	Years 1995 - 2000	Used on Sec. Sh. Beginning 2000
100	BL-4-037-BH	1/4-28 X 3/8 Button Head Cap Screw	2		

101	BL-1032-050	10-32 x 1/2” Bolt	18		
102	BC-1032-LN	10-32 lock nuts	18		
800	HM-412B	Key for Hydraulic Motor -Shaker Weight-Vibrator	1	HM-412C & HM-712C	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1		
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1		
804	HM-1801	Seal Kit for Commercial Intertech	1	P20 & M20 Series	Includes:(1) Length of HM-2882,(1)HM-2883,(2)HM-2884

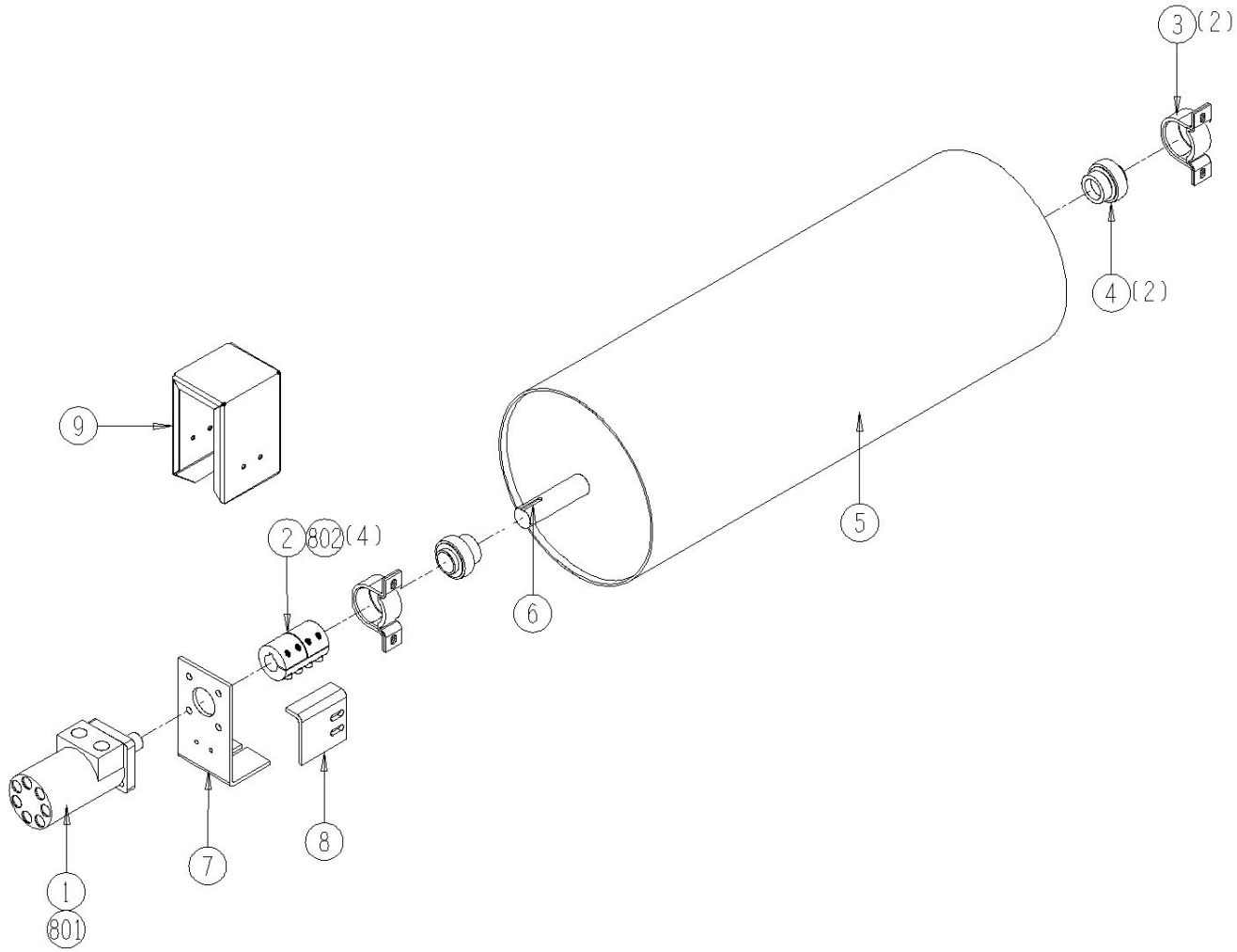
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10010-07-71 Debris Drum Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
2	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
3	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
4	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
5	191-745	Debris Drum	1	19101-	
6	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
7	193-806	Mount motor	1		
8	193-806A	Motor mount stop	1		
9	193-806C	Motor Guard	1	19301-	
801	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	

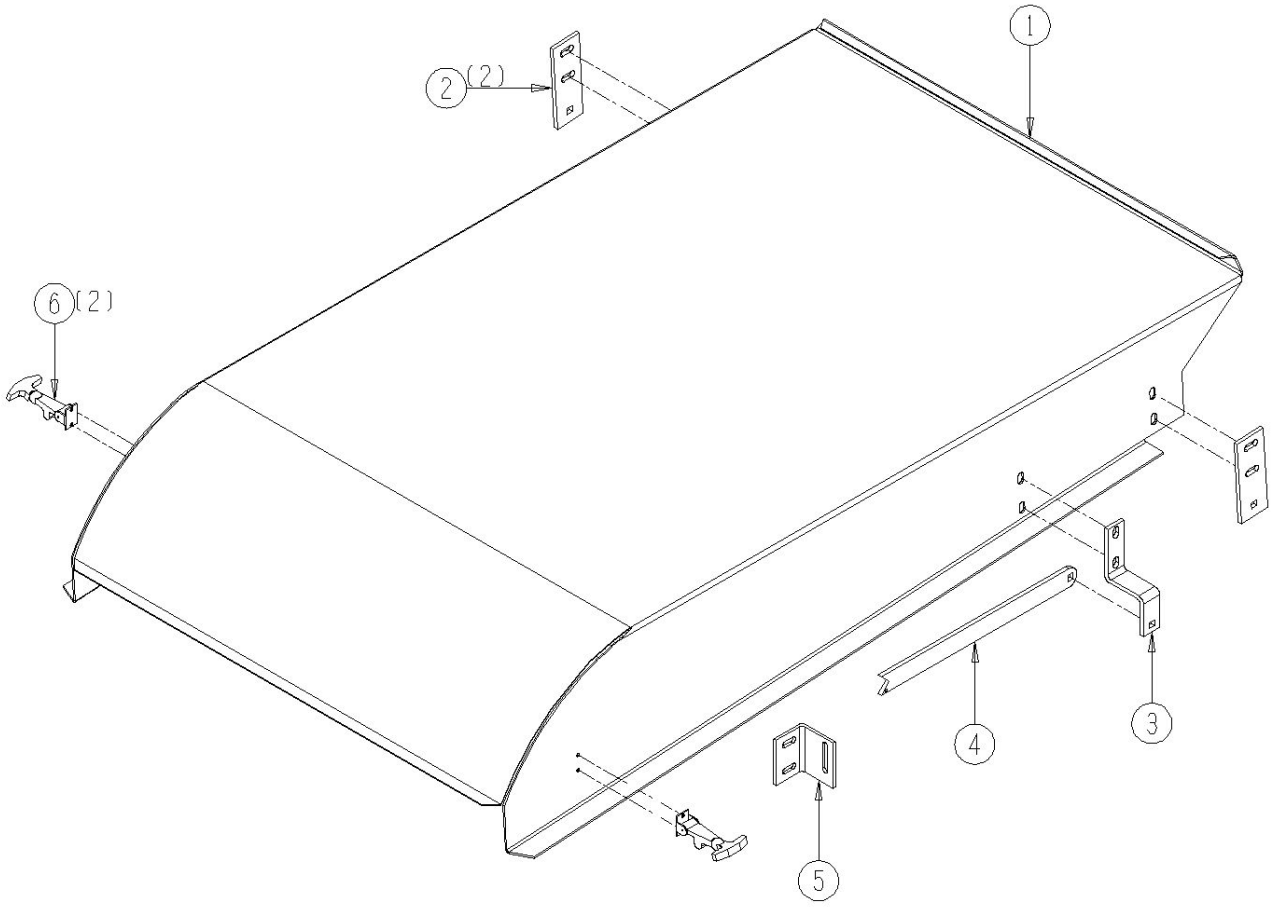
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10010-07-72 Cross Conveyor Cover Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	SHD-0143	Cover, Air Deflector, 190 Tomato	1		
2	193-725	Hinge Bar for Air Deflector Hood	2	19301-193-729K	
3	193-728	Hinge Bracket for Air Deflector Hood	1	19301-193-729K	
4	193-729	Hinge Brace for Air Deflector Hood	1	19301-193-729K	
5	193-729A	Hinge Brace Latch for Air Deflector Hood	1	19301-193-729K	
6	LA-703	Large Rubber T Latch Assembly	2		

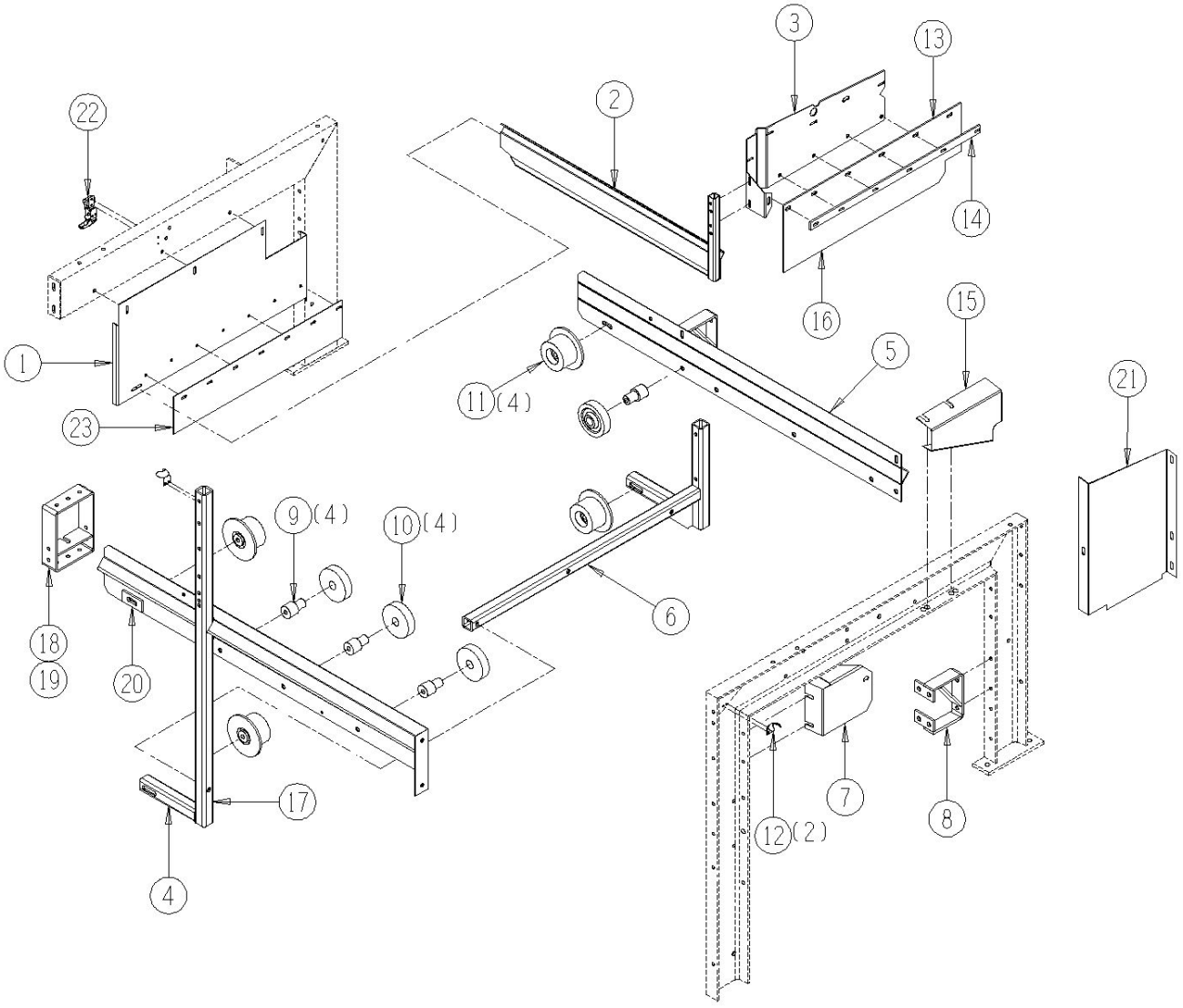
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10010-08-01 Rear Elevation Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	192-730	Rear Closure	1	19201-	
2	194-1545	Debris Drum Guard (Tomato)	1	19401-	
3	194-731	Front Closure	1	19401-	
4	191-738	Roller Support, Outer	1	19101-	
5	191-737	Roller support, Inner	1	19101-	
6	191-736	Support, rear debris fan	1	19101-	
7	194-731A	Debris Drum Sprocket Shield	1	19401-	
8	191-739	Bracket, Panel support	1	19101-	
9	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	4	19101-	
10	RLG-040-1016	4” Urethane Roller	4	Old Terog Part No. RU4	
11	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	4		
12	LA-703	Large Rubber T Latch Assembly	2		
13	BT-1731	Belting, Front Closure, Rear Elevation	1	19701-	
14	BAR-1731	Elevation, Front Closure	1	19701-	
15	SHD-1137	Shield, Shaft End, Rear Elevation	1	19101- kit-0038	
16	DC-1174	Decal, Danger Keep Hands and Feet Away	1		
17	STRP-610	6” Tarp Strap (ea.)	1		
18	SHD-1206	Shield, Flashing Light	0	30097001- 19601-	
19	EL-1206	Double Amber Lamp	0		
20	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.06		
21	SHD-0028	Shield, Dirt Guard, Sorting Area	1		
22	LA-1530	Medium Rubber T Latch Assembly	1		
23	BT-730	Belting, Rear Closure	1	19701- kit-800	

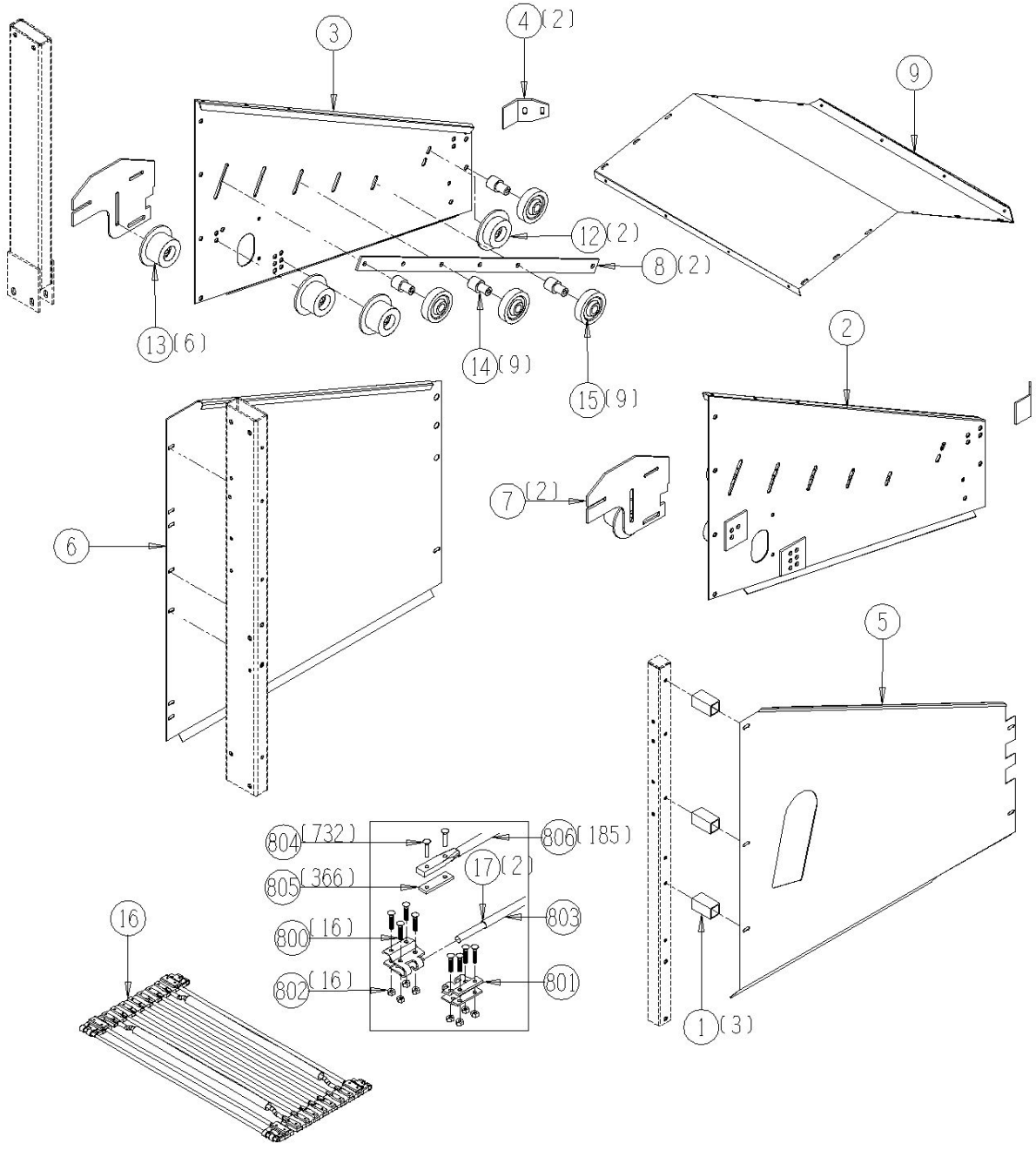
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10010-08-02 Front Elevation Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-1555	Spacer, debris chute	3	11001-19301	
2	SID-740	Side, Inner, Front Elevation	1	19705	
3	SID-741	Side, Outer, Front Elevation	1	19705	
4	SHD-1897	Shield, Deflector, Narrow Flange Roller	2		
5	SHD-744	Debris Chute, Inner Elevation	1	19705 19801-	
6	193-743	Debris chute (outer)	1	19301-	
7	MOU-1130	Mount, Roller, Front Elevation	2	19705	
8	BAR-742	Bar, Roller Adjuster, Front Elevation	2	19705	
9	194-1550	Elevation Shield	1	19401	
12	RLT-535-128	Narrow Flange Roller 1.2 WF 3.5 dia,1/2” Bore	2		
13	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	6		
14	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	9	19101-	
15	RLG-040-1016	4” Urethane Roller	9	Old Terog Part No. RU4	
16	BC-7-3236-186-UC	36mm x 32” Belted Chain, 186 Pitches, Upcranked Rods	1		
17	BC-3525	Snap Ring, 11mm.	2		
800	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	16		
801	BC-F-36-32-UG	Ultra Gold F Connecting Clips 36-32 @ pair	2		Replaces BC-F-36-32
802	BC-1032-LN	10-32 lock nuts	16		
803	BC-7-32-CN	Connecting Rod, 11mm, 32” Wide Belted Chain, 60mm Traction Belts	1		For Clip Splice Option
804	RI-25-BC	25mm Belted Chain Rivets	732		
805	BC-BP32	Belt, Rivet backing plates 32mm	366	11001	Lap Splice Option, Used only with BC-1032-LN Lock Nuts
806	BC-7-32-ST	7/16” x 32” Belted Chain Rod for 60mm Belt	185	11001	

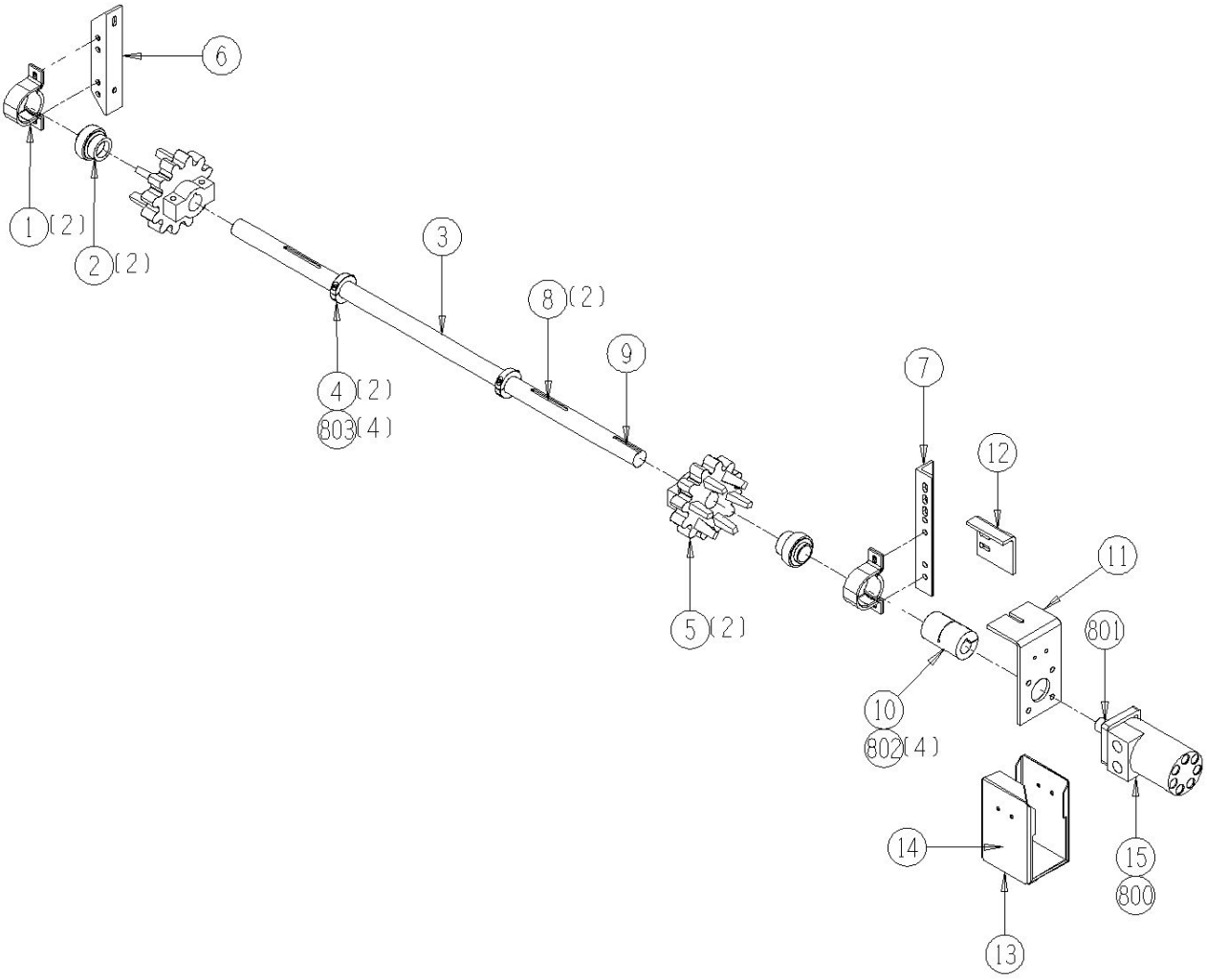
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10010-08-03 Elevation Drive Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	193-603	Shaft, Elevation	1	19301-(Elevation), KIT-0101 (Vine Assist),KIT-0050,Kit-0051	
4	SC-20-2	Shaft Collar, 2 piece 1 1/4” bore	2		
5	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4” key	2		Sub SP-3612-20-4
6	MOU-742	Mount, Elevation, Drive Shaft Bearing, Outer	1	19705	
7	MOU-740	Mount, Elevation, Drive Shaft Bearing, Inner	1	MOU-740	
8	KEY-4-4-32	Shaft Key 1/4” x 2” Square Cut (1018)	2		
9	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
10	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
11	193-806	Mount motor	1		
12	193-806A	Motor mount stop	1		
13	193-806C	Motor Guard	1	19301-	
14	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
15	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
801	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	
803	BL-4-075-SCS	1/4-28 x ¾” Socket Head Cap Screw	4		

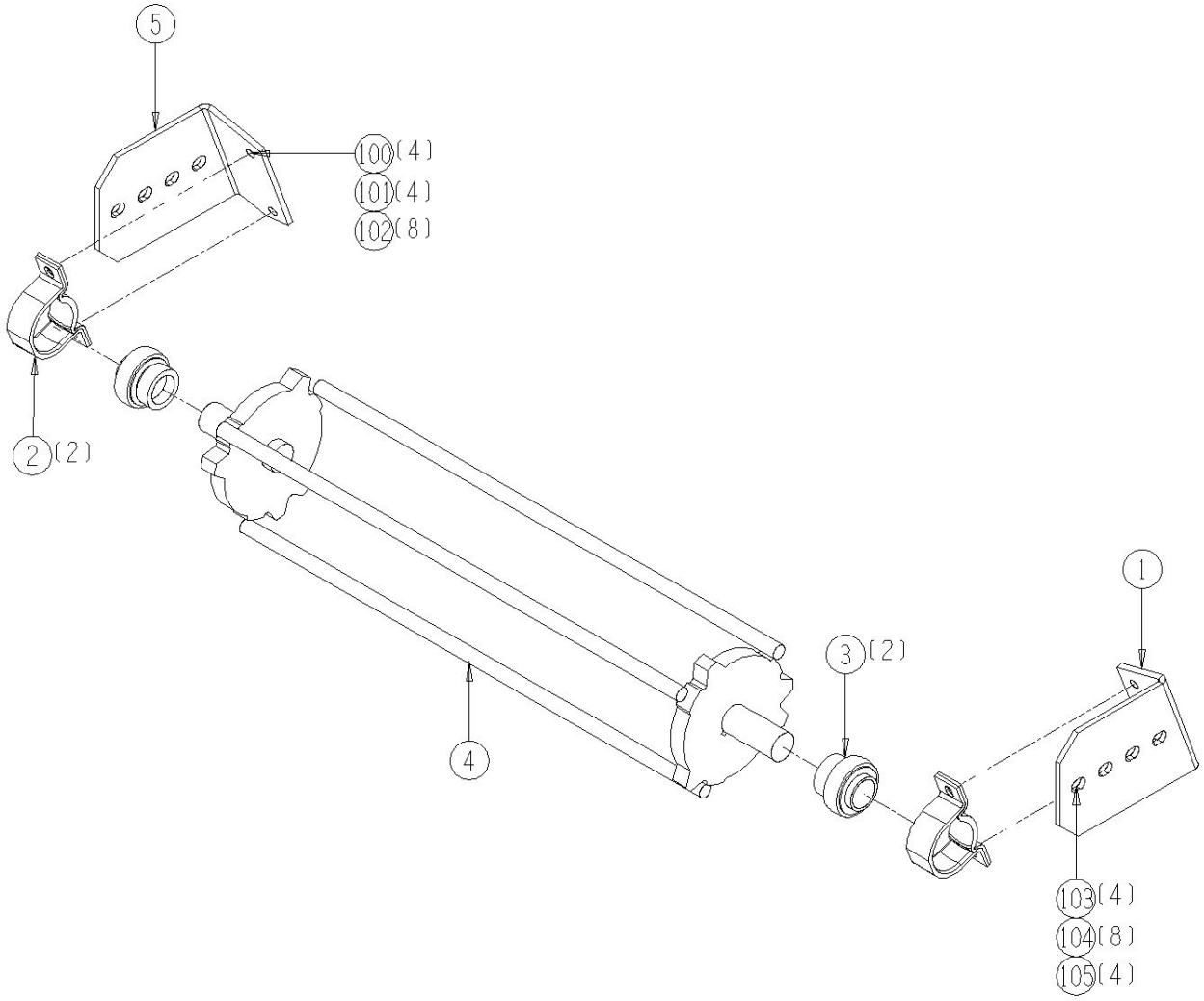
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10010-08-07 Opt. Elevation Conveyor Bar Cleaner Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	-2		
0	KIT-0127	Bar Cleaner Kit, Elevation Conveyor	0		
1	BRA-738	Bracket, Elevation Conveyor Bar Cleaner	1		
2	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
3	BR-125-062I	Bearing, 1 1/4” ID, TS	2		FIT Bearing
4	194-661	Bar Cleaner, 36mm pitch x 32” wide chain	1		
5	BRA-736	Bracket, Elevation Conveyor Bar Cleaner	1		
100	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
102	BL-6-SW	3/8 SAE FW ZC	8		
103	BL-8-275-H	1/2 UNC X 2 ¾ HH C/S BOLT GR5 ZINC	4		
104	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		

10010-08-07

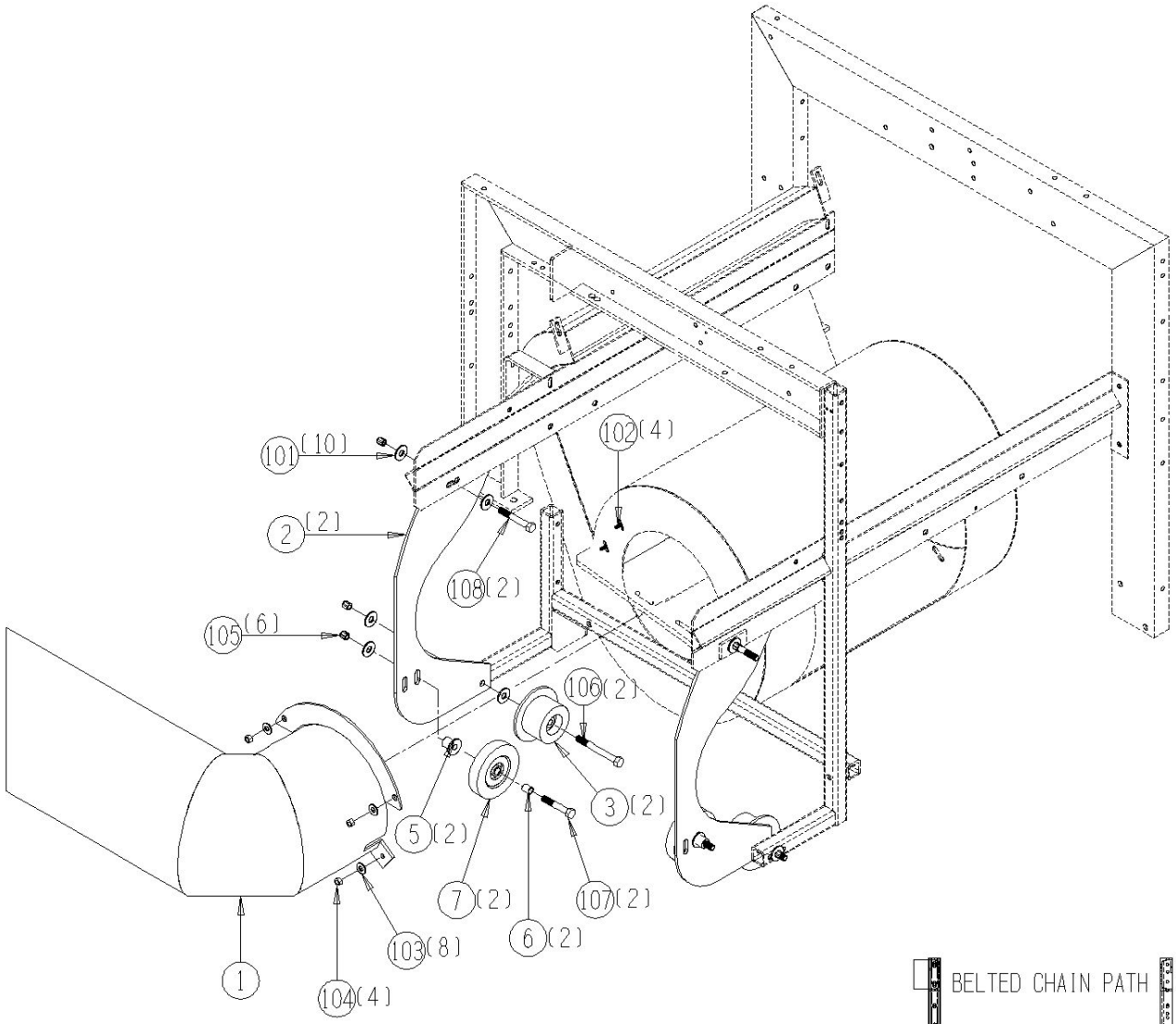


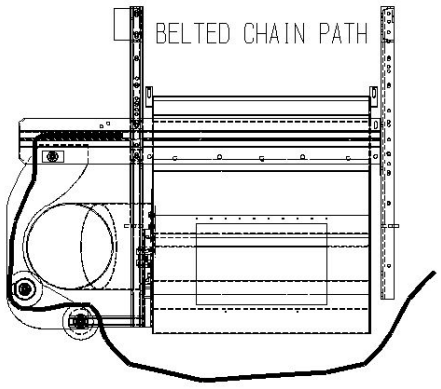
KIT-0127

10010-08-08 Optional Fan Air Intake Extension Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	191-733	Fan dirt guard (rear)	-1	19101-	
0	KIT-0123	Air Intake Kit	0		
1	FAN-1750	FAN, REAR AIR INTAKE, DEBRIS FAN	1		
2	MOU-1750	Mount, Roller, Debris Fan Intake	2		
3	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	2		
5	RLA-000-118	Standoff, 1/2” X 1 1/8”	2		
6	RLA-006-078	Bushing 1/2” x 5/8” x .75”	2		
7	RLT-050-1010	5” Flat Idler Roller 5/8” Bore	2		
101	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	10		
102	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
103	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	8		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	4		
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	6		
106	BL-8-475-H	1/2-13 X 4 ¾ HEX CAP G5 ZC	2		
107	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	2		
108	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	2		

10010-08-08

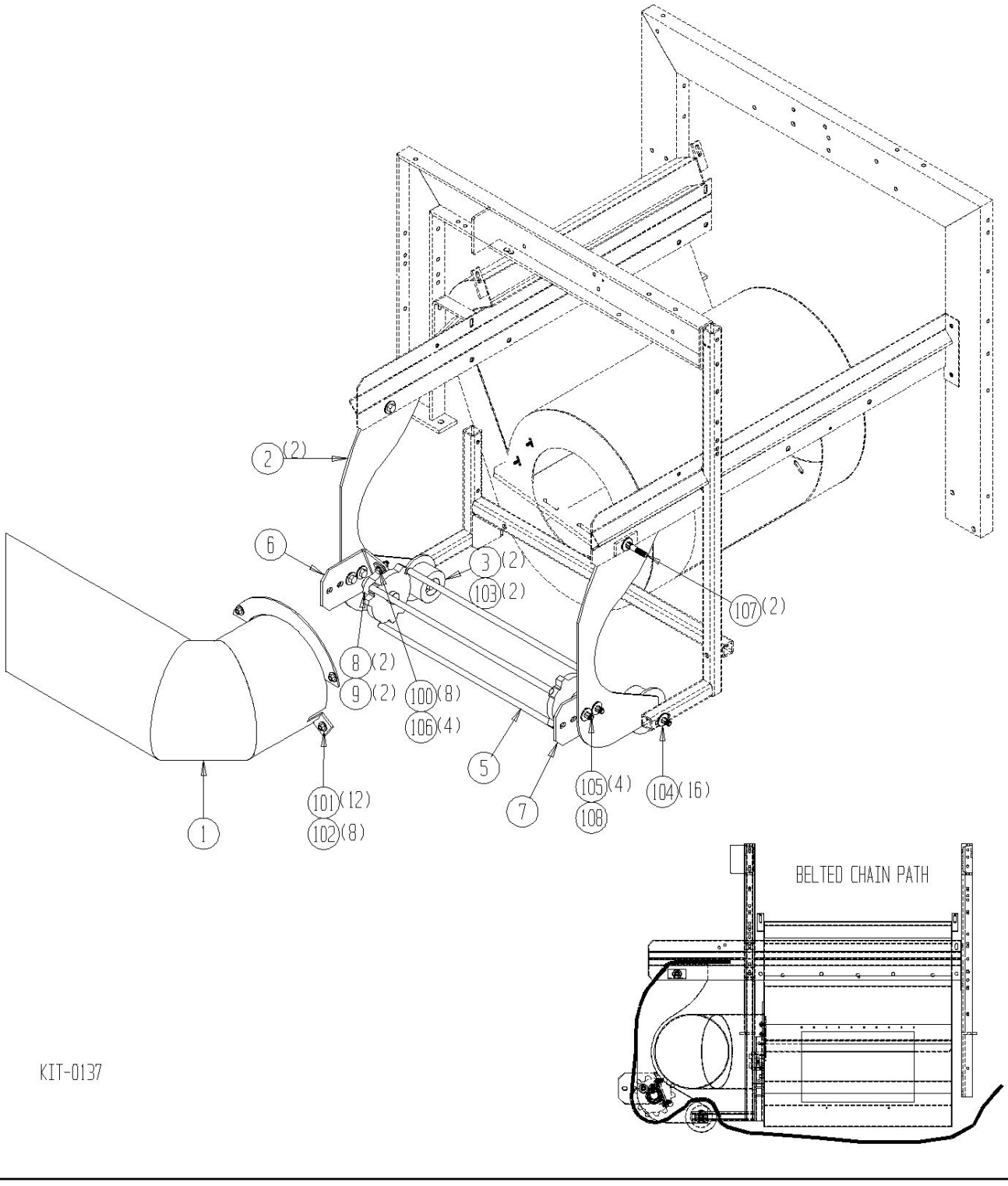

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104 (4)
KIT-0123


BELTED CHAIN PATH

10010-08-09 Opt. Fan Intake w/Elevation Bar Cleaner Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0137	Fan Intake Extension with Elevation Bar Cleaner	0		
1	FAN-1750	FAN, REAR AIR INTAKE, DEBRIS FAN	1		
2	MOU-1750	Mount, Roller, Debris Fan Intake	2		
3	RLT-535-228	5” Flange Roller 2.2WF x 3 1/2” dia, 1/2” bore	2		
5	194-661	Bar Cleaner, 36mm pitch x 32” wide chain	1		
6	BRA-736	Bracket, Elevation Conveyor Bar Cleaner	1		
7	BRA-738	Bracket, Elevation Conveyor Bar Cleaner	1		
8	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
9	BR-125-062I	Bearing, 1 1/4” ID, TS	2		FIT Bearing
100	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	8		
101	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	12		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8		
103	BL-8-475-H	1/2-13 X 4 ¾ HEX CAP G5 ZC	2		
104	BL-8-FW	1/2 USS FW ZC	16		
105	BL-8-150-H	1/2 UNC X 1 1/2 HH C/S BOLT GR5 ZINC	4		
106	BL-6-SW	3/8 SAE FW ZC	4		
107	BL-8-350-H	1/2-13 X 3 1/2 HEX CAP G5 ZC	2		
108	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	8		

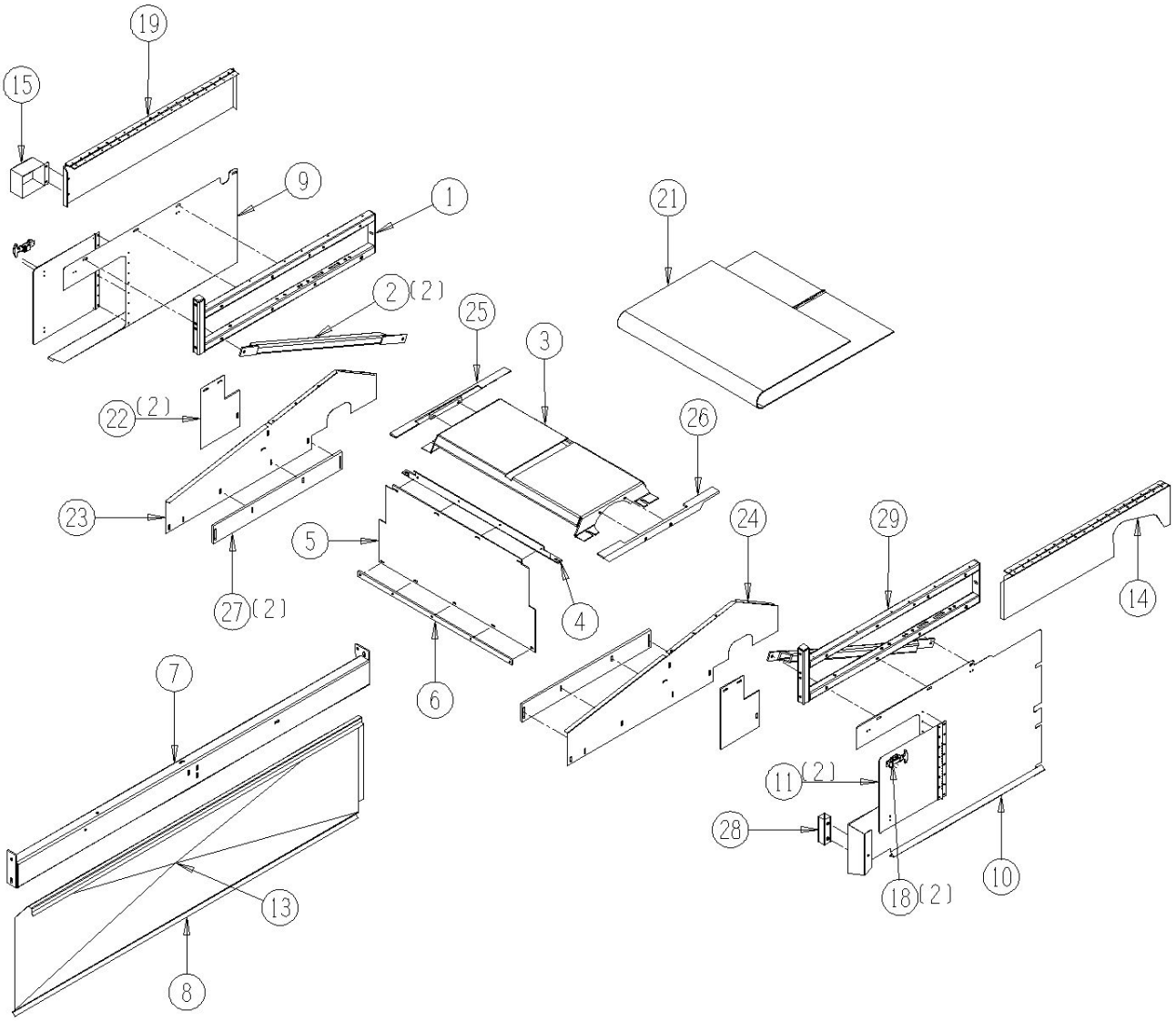
10010-08-09


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BELTED CHAIN PATH
KIT-0137

10010-08-40 Presort Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	FRM-1104	Presort Frame, Outer, 190 Tomato Harvester	1		
2	BRA-0214	Presort Support Brace, 190 Tomato	2		
3	193-1520	Slider, Presort	1	19101-	
4	193-1546	Endless belt scraper	1	19301-	
5	BT-1548	Belting, Presort Scraper, Big Wheel, Narrow Shield	1	KIT-1118 19801-	
6	BAR-1548	Bar, Belting, Presort, Narrow Shield	1	19705 19801-	
7	194-834	Cross Bar (over wheel well)	1	19401-	Replaces 191-834
8	194-827	Cover, Wheel	1	19401-	
9	SHD-1530	Outer Presort Shield, 190 Tomato Harvester	1		
10	SHD-1531	Inner Presort Shield, 190 Tomato	1		
11	SHD-1532	Presort Access Door w/ Sliding Aftersort	2		
13	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.01		
14	SHD-1539	Shield, Presort, Inner Presort, Upper	1		
15	SHD-1523	Shield, Shaft End, Outer, Presort	1	19705 19801-	
18	LA-1530	Medium Rubber T Latch Assembly	2		
19	SHD-1529	Shield, Presort, Outer Presort, Upper	1		
21	BT-72V32E	Presort Belt 32' X 72.25' Endless	1	19101	
22	BT-0014	Belting, Inside Presort Tomato Deflector	2		
23	PAN-1566	Panel, Outer, Presort, Straight w/Cut-out	1	19705 19801-	
24	PAN-1567	Panel, Inner, Presort, Straight w/Cut-out	1	19705 19801-	
25	EX-1520A	extension, Slider, Outer	1	19601-	
26	EX-1520B	extension, Slider, Inner	1	19601-	
27	PL-1564	Guide, Plastic, Grademaster Presort Assy.	2	19601- KIT-0047	
28	SPA-0075	Spacer Tube, 190 Harvester	1		
29	FRM-1106	Presort Frame, Inner, 190 Tomato Harvester	1		

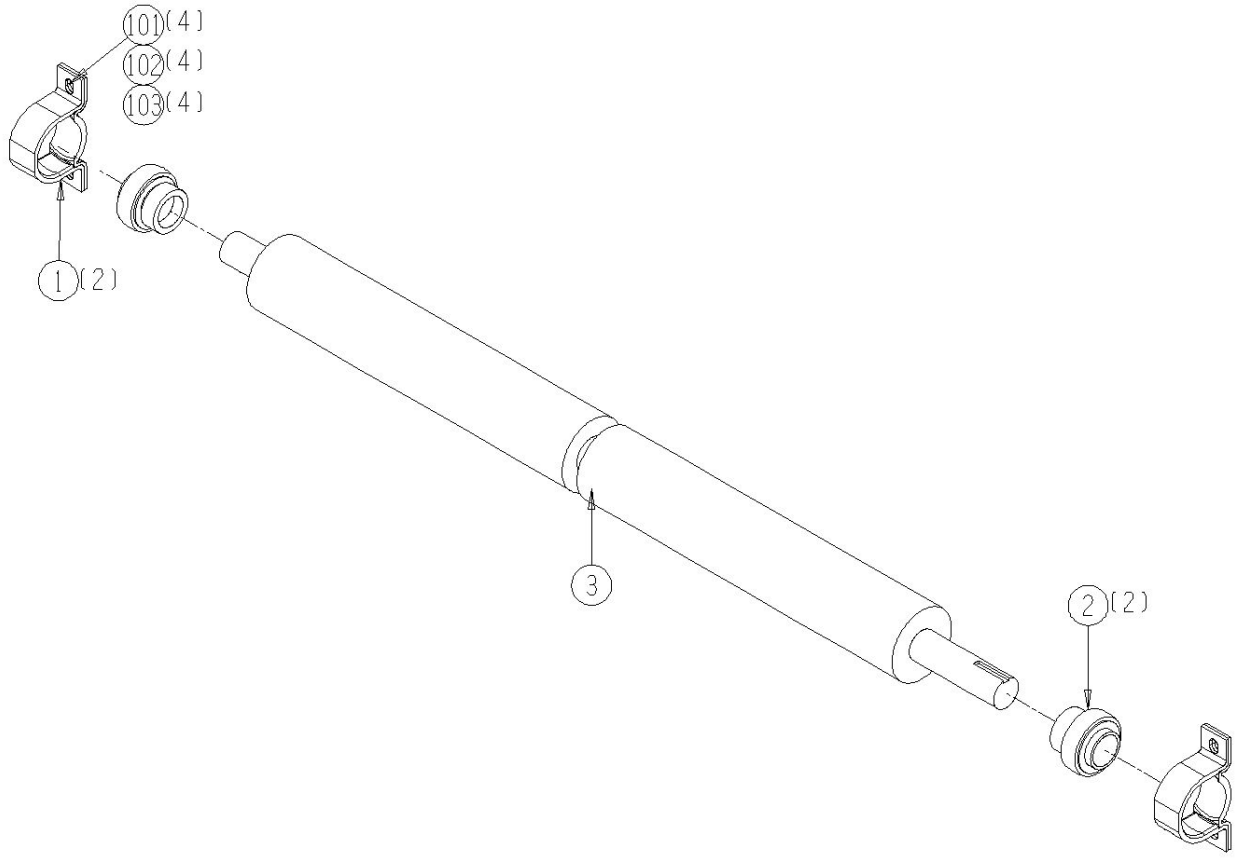
10010-08-40



10010-08-41 Front Presort Roller Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	RLR-1523	Roller for 32 1/2 Presort Flat Belt Drive & Nose (Tomato)	1		
101	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
102	BL-6-LW	3/8 SPLIT LW ZC	4		
103	BL-6-SW	3/8 SAE FW ZC	4		

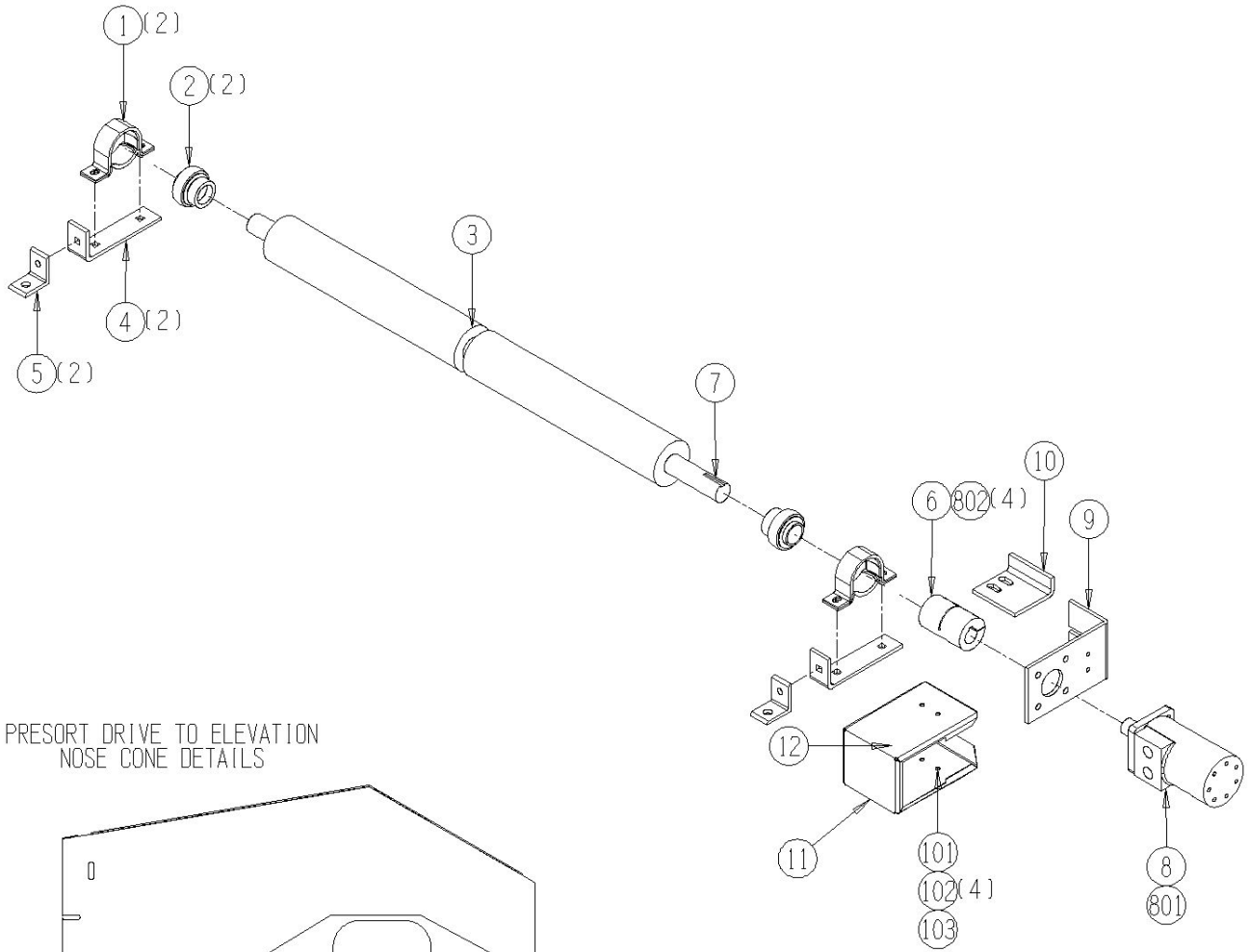
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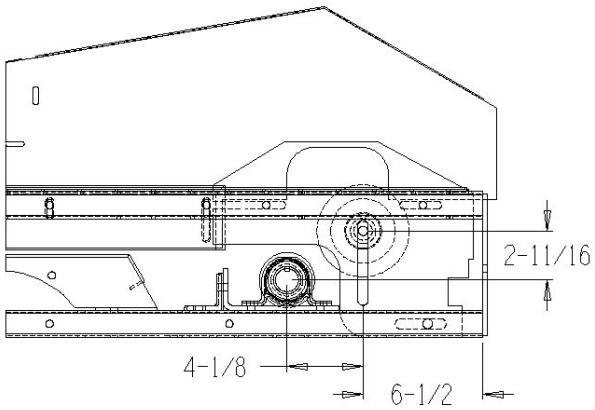
10010-08-42 Rear Presort Roller Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	RLR-1523	Roller for 32 1/2 Presort Flat Belt Drive & Nose (Tomato)	1		
4	192-1528	Bearing Adjuster	2	19201-	
5	BRA-1528	Bracket, Tightener	2	19705 19801-	
6	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
7	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
8	HM-208-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
9	193-806	Mount motor	1		
10	193-806A	Motor mount stop	1		
11	193-806C	Motor Guard	1	19301-	
12	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
101	BL-4-500-H	1/4-20 X 5 HEX CAP G5 ZC	1		
102	BL-4-FW-8	1/4” Flat Washer Grade 8	4		
103	BL-4-WN	1/4-20 FORGED W/NUTS ZC	1		
801	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	

10010-08-42



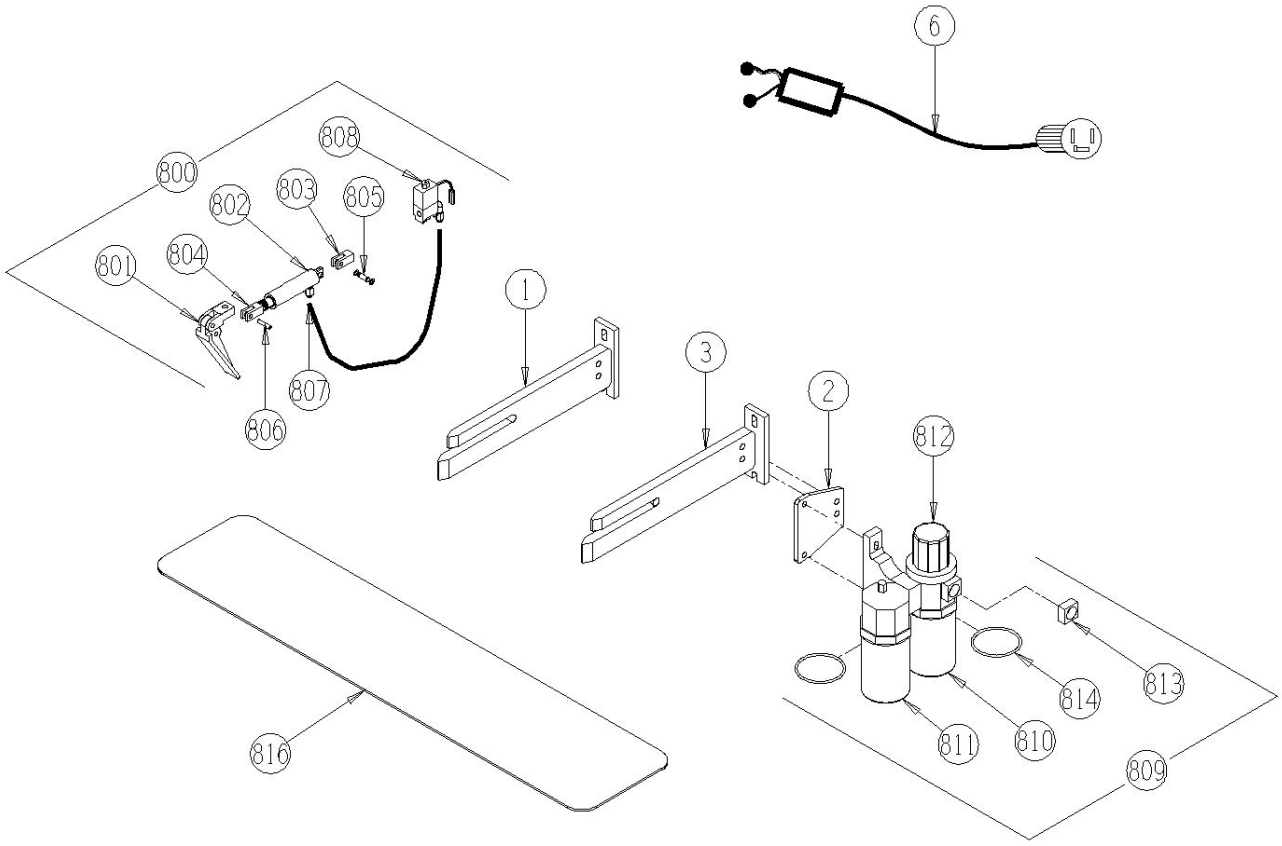
PRESORT DRIVE TO ELEVATION
NOSE CONE DETAILS



10010-08-43 NFM Presort Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BRA-1570	Bracket, Grademaster, Outer	1	19801-, 19705	
2	SPA-1568	Spacer, FRL, Sorter Bracket, Tom.	1		
3	BRA-1568	Bracket, Grademaster, Inner	1	19801-, 19705 19705	
4	SRT-1517	Rejector oil @ Gallon	1		
6	SRT-1595	Sorter Cable (GradeMaster)	1		
7	SRT-1732	32” Odenberg NFM Color Sorter	1		
800	SRT-1575	Finger Cylinder Assy	32	Grademaster	
801	SRT-1575A	Finger Only	1	SRT-1575	
802	SRT-1575B	Air Cylinder	1	SRT-1575	
803	SRT-1575C	Rejector Clevis (Hardened)	1	SRT-1575	
804	SRT-1575D	Cylinder Rod Clevis	1	SRT-1575	
805	SRT-1575E	Cylinder pin w/ (2) Circlips	1	SRT-1575	
806	SRT-1575F	Finger Pin (roll pin) @ each	1	SRT-1575	
807	SRT-1576B	Connector P-Loc 1/8” x 1/8” nylon	1		
808	SRT-1578	Air Valve Assy for Grademaster	1	Grademaster	Replaced By SRT-1577
809	AIR-1578	MILLER FRL Complete	1		
810	AIR-1576	Air Filter Regulator (Miller)	1	AIR-1578	
811	AIR-1577	Lubricator (Miller)	1	AIR-1578	
812	AIR-1578A	T-Type Bracket for FRL	1	AIR-1578	
813	AIR-1576G	Gauge for Miller FRL	1	AIR-1578	
814	AIR-1577-O	O-Ring for Miller Lubricator	2	AIR-1578	
816	SRT-1578G	“POST- 96” Grademaster Sorter Glass	1	1997- Gradmaster AND LATER	

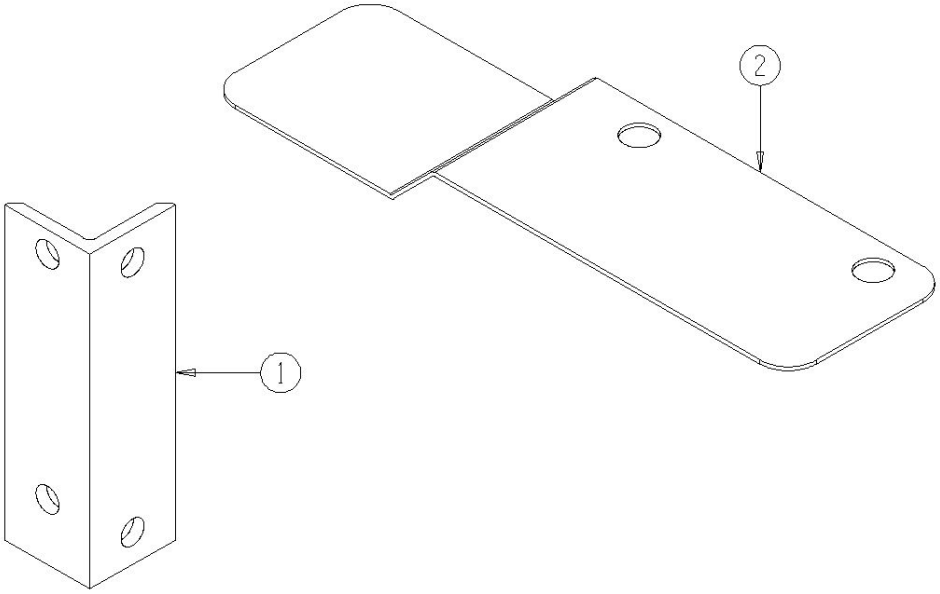
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10010-08-44 No Sorter Presort Parts ONLY

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BRA-1569	Bracket, FRL, Grademaster	1	19601-	
2	SHD-1569	Shield, Shaft, Inner Presort	1	19601-	

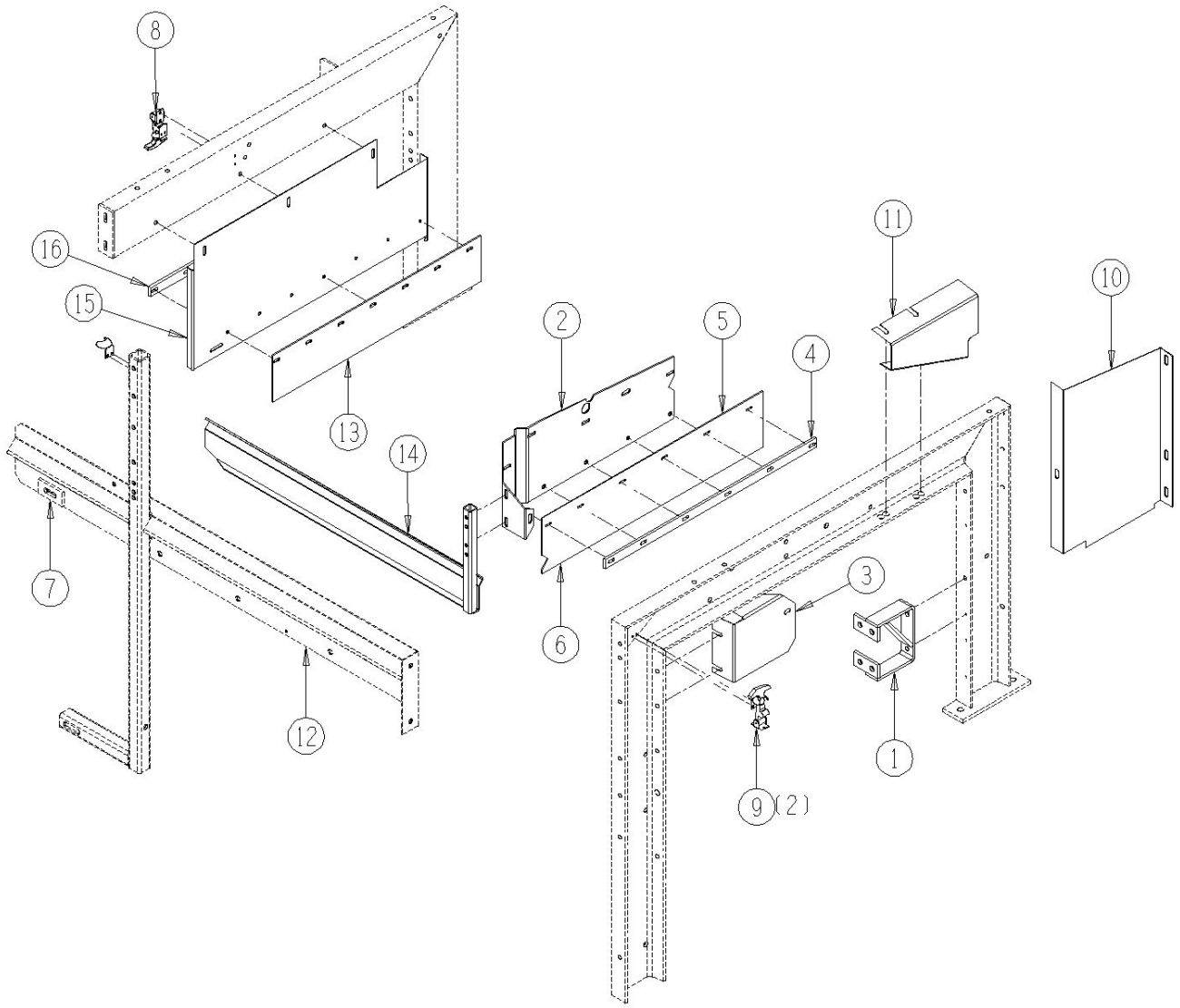
10010-08-44



10010-08-60 Debris Panel/Shield Assembly, Long Sorting Table

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-739	Bracket, Panel support	1	19101-	
2	194-731	Front Closure	1	19401-	
3	194-731A	Debris Drum Sprocket Shield	1	19401-	
4	BAR-1731	Elevation, Front Closure	1	19701-	
5	BT-1831	Belting, Front, Closure, Sorting Table	1	19701-kit-800	
6	DC-1174	Decal, Danger Keep Hands and Feet Away	1		
7	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.06		
8	LA-1530	Medium Rubber T Latch Assembly	1		
9	LA-703	Large Rubber T Latch Assembly	2		
10	SHD-0028	Shield, Dirt Guard, Sorting Area	1		
11	SHD-1137	Shield, Shaft End, Rear Elevation	1	19101-kit-0038	
12	STRP-610	6” Tarp Strap (ea.)	1		
13	BT-730	Belting, Rear Closure	1	19701-kit-800	
14	194-1545	Debris Drum Guard (Tomato)	1	19401-	
15	192-730	Rear Closure	1	19201-	
16	BAR-730	Bar, Belting, Rear Closure	1	19701-kit-800	

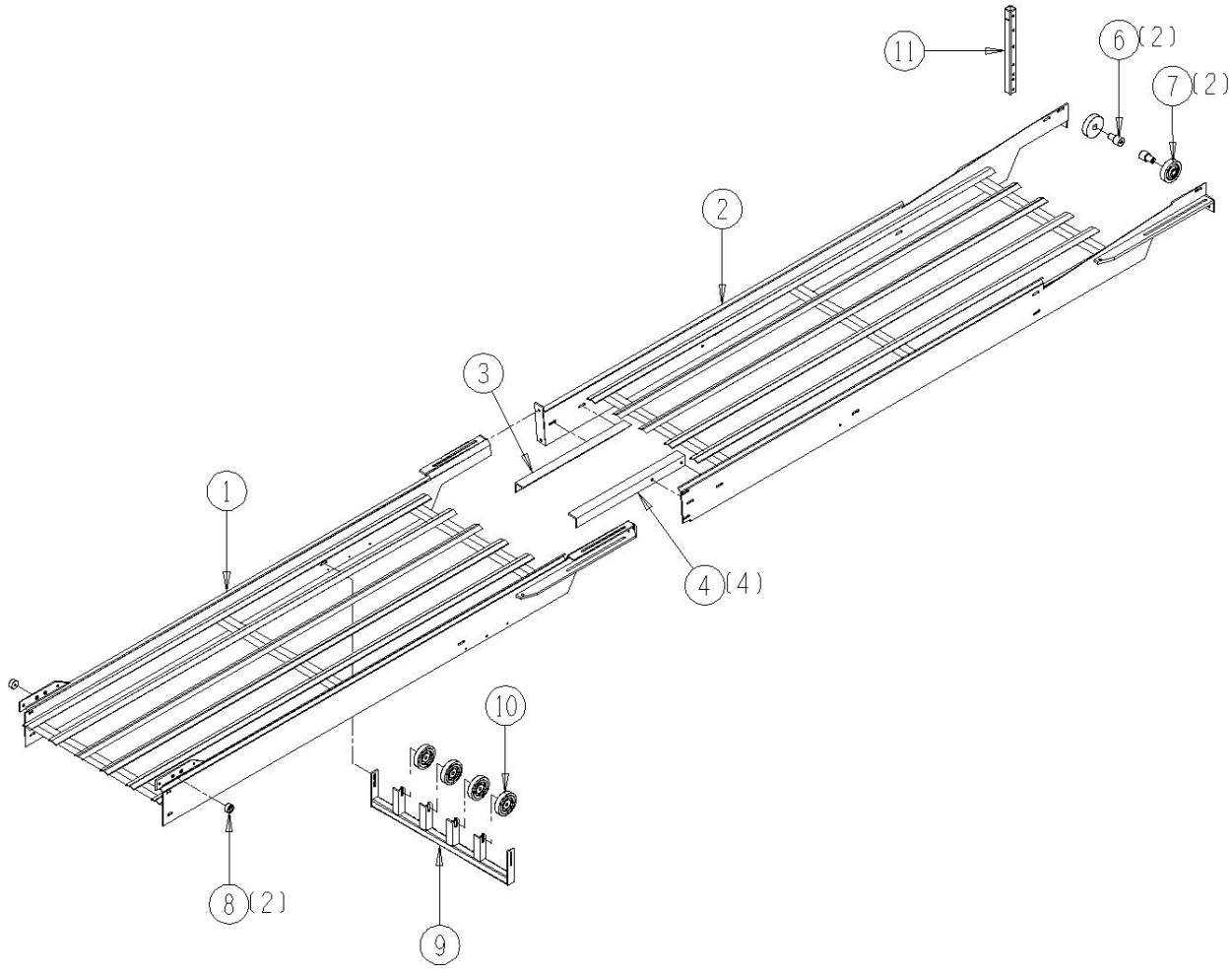
10010-08-60



10010-08-61 Long Aftersort Frame Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	193-1138C	Post, Rear Inner Presort	-1	19301-	
1	196-800	Aftersort Table	1	19601-10002010	
2	HAN-800	Handsort Table	1	KIT-800	
3	SHD-8021	Shield, Handsort, Outer	1	19601-kit-800	
4	SHD-8022	Shield, Handsort, Inner	1	19601-kit-800	
6	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	2	19101-	
7	RLG-040-1016	4” Urethane Roller	2	Old Terog Part No. RU4	
8	194-1418	Rubber Bumper	2	19401	
9	BRA-0156	Belt Hold Up, Bell Pepper	1		
10	RLR-040-108	4” Flat Roller	4		Changed to Urethane in 2006
11	POS-738	Post, Rear Handsort	1	KIT-800	

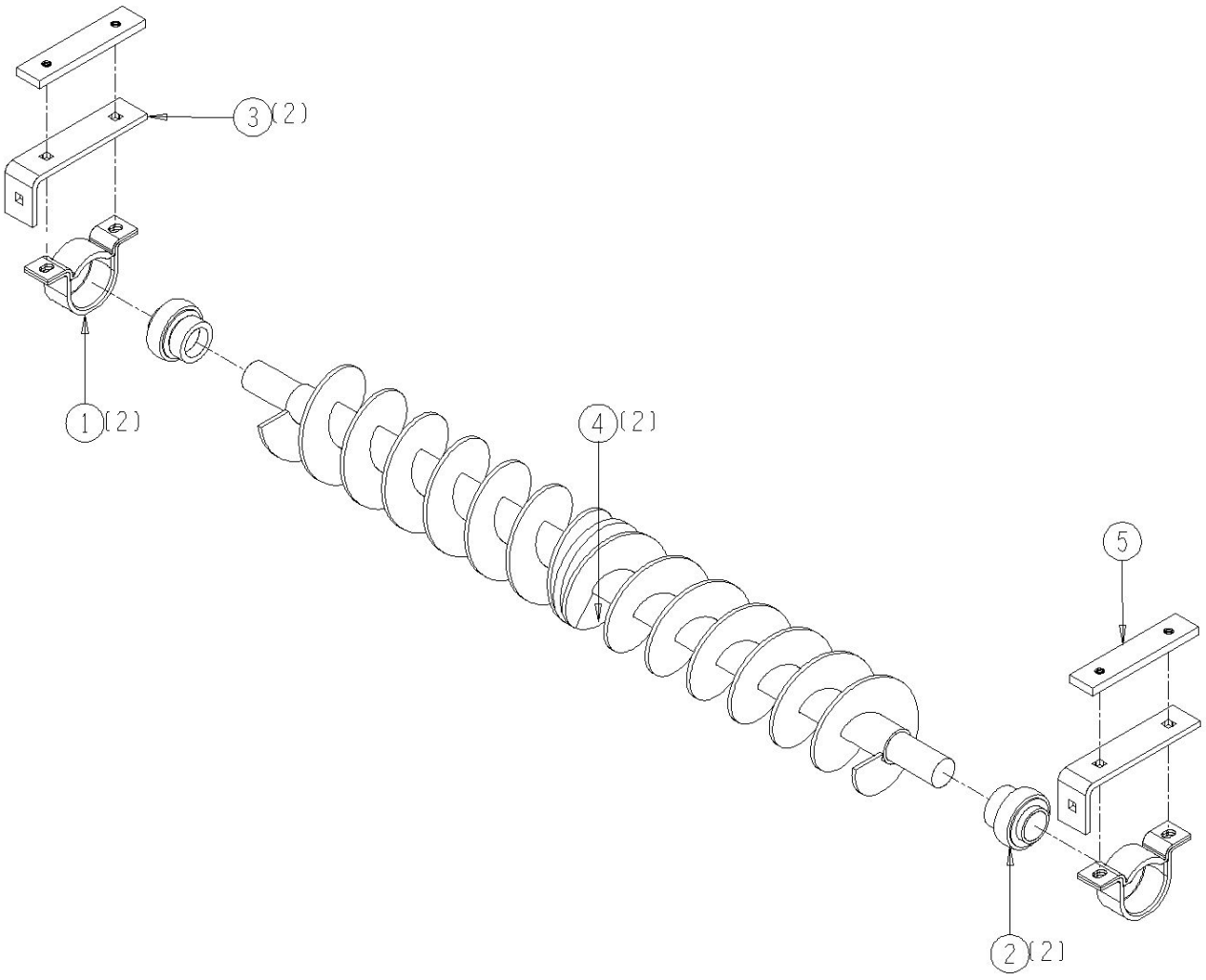
10010-08-61



10010-08-62 Long Aftersort Auger Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	192-1528	Bearing Adjuster	2	19201-	
4	RLS-805	Aftersort Auger, Non Drive	1		
5	191-805	Bracket, Rear Aftersort	2	19101-	
6	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
100	BL-6-600-T	3/8 X 6 Tap Bolt	2		

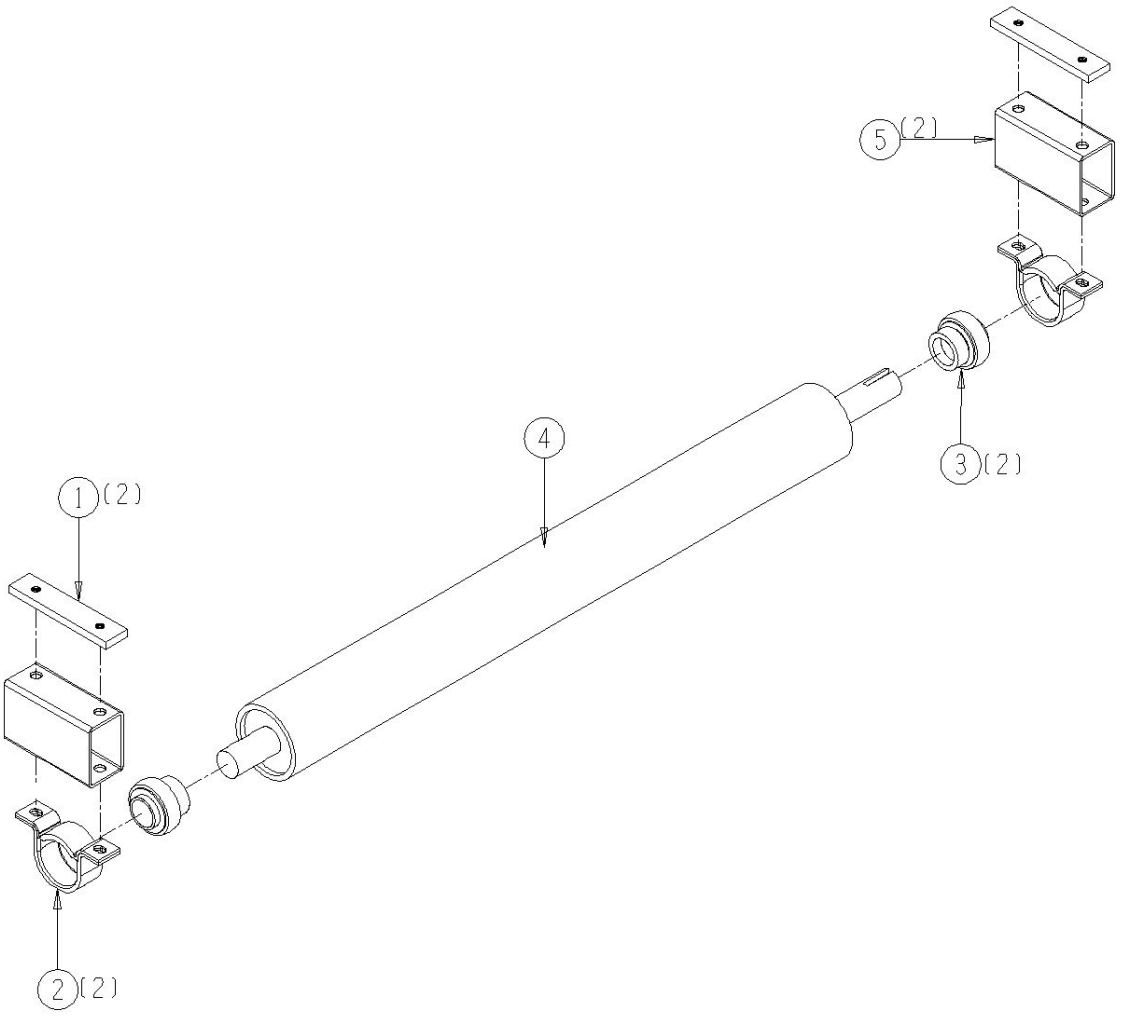
10010-08-62



10010-08-63 Long Aftersort Center Support Roller Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-805	Bracket, Rear Aftersort	2	19101-	
2	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
3	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
4	194-610	Cross Chain cleaner Roller	1	110-	Replaces 110-610
5	SPA-0013	Spacer, Handsort, Idler Roller	2		Replaces SPA-8020

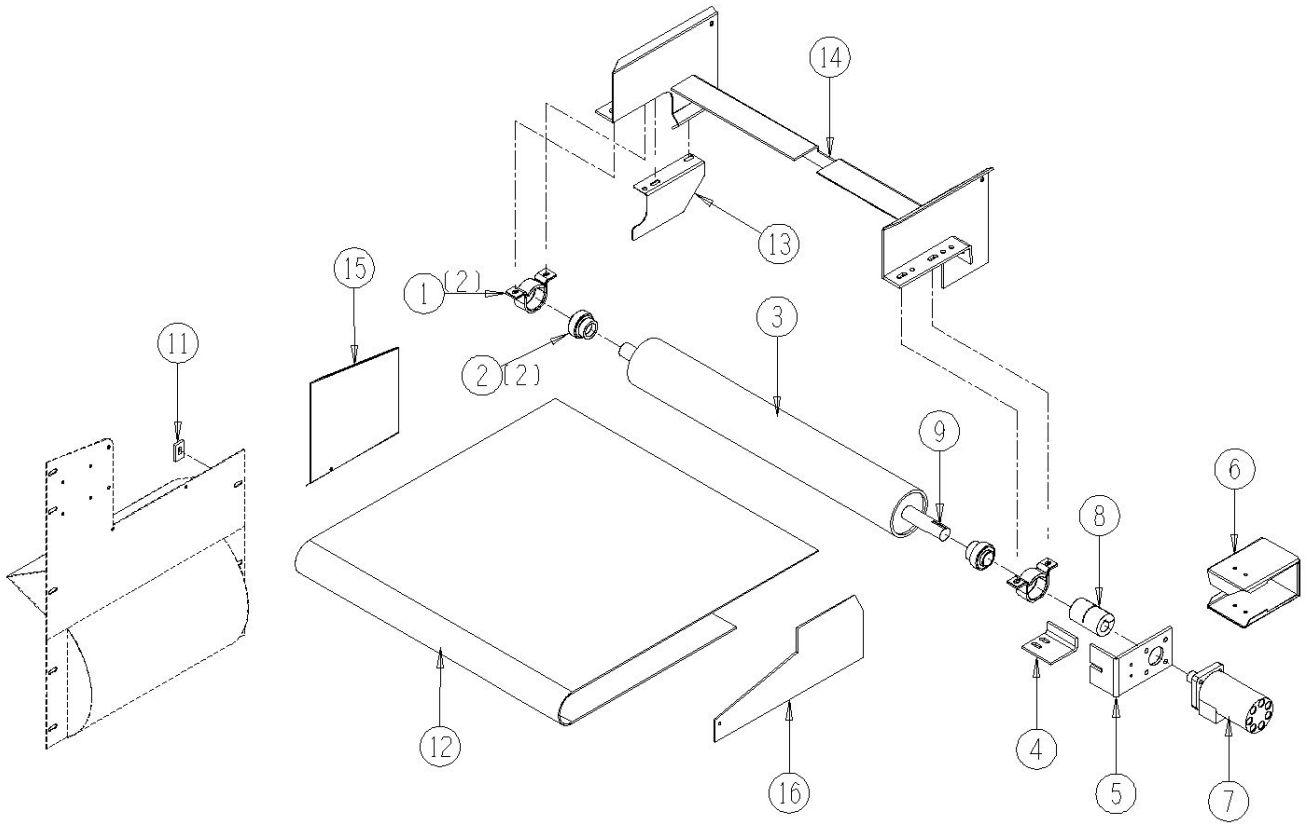
10010-08-63



10010-08-64 Long Aftersort Drive Assemby

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	110-808	Roller, Aftersort Drive	1	11001-	
4	193-806A	Motor mount stop	1		
5	193-806	Mount motor	1		
6	193-806C	Motor Guard	1	19301-	
7	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
8	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
9	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
10	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
11	BAR-8001	Bar, Shield Holder, Inner Front Aftersort	1		
12	BT-495F32E	Sort Belt (Endless) 32” x 495”	1	KIT-800	Use w/FRM-4801
13	COV-4801	Cover, Shield, Short Aftersort Flip Up, 190	1		
14	FRM-4801	Fold-Up Sorting Table	1		
15	PL-925	Cover, Short Front Aftersort	1		
16	SHD-8001	Shield, Plastic, Inner Front Aftersort	1		
101	BL-4-500-H	1/4-20 X 5 HEX CAP G5 ZC	1		
102	BL-4-FW-8	1/4” Flat Washer Grade 8	4		
103	BL-4-WN	1/4-20 FORGED W/NUTS ZC	1		
800	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	

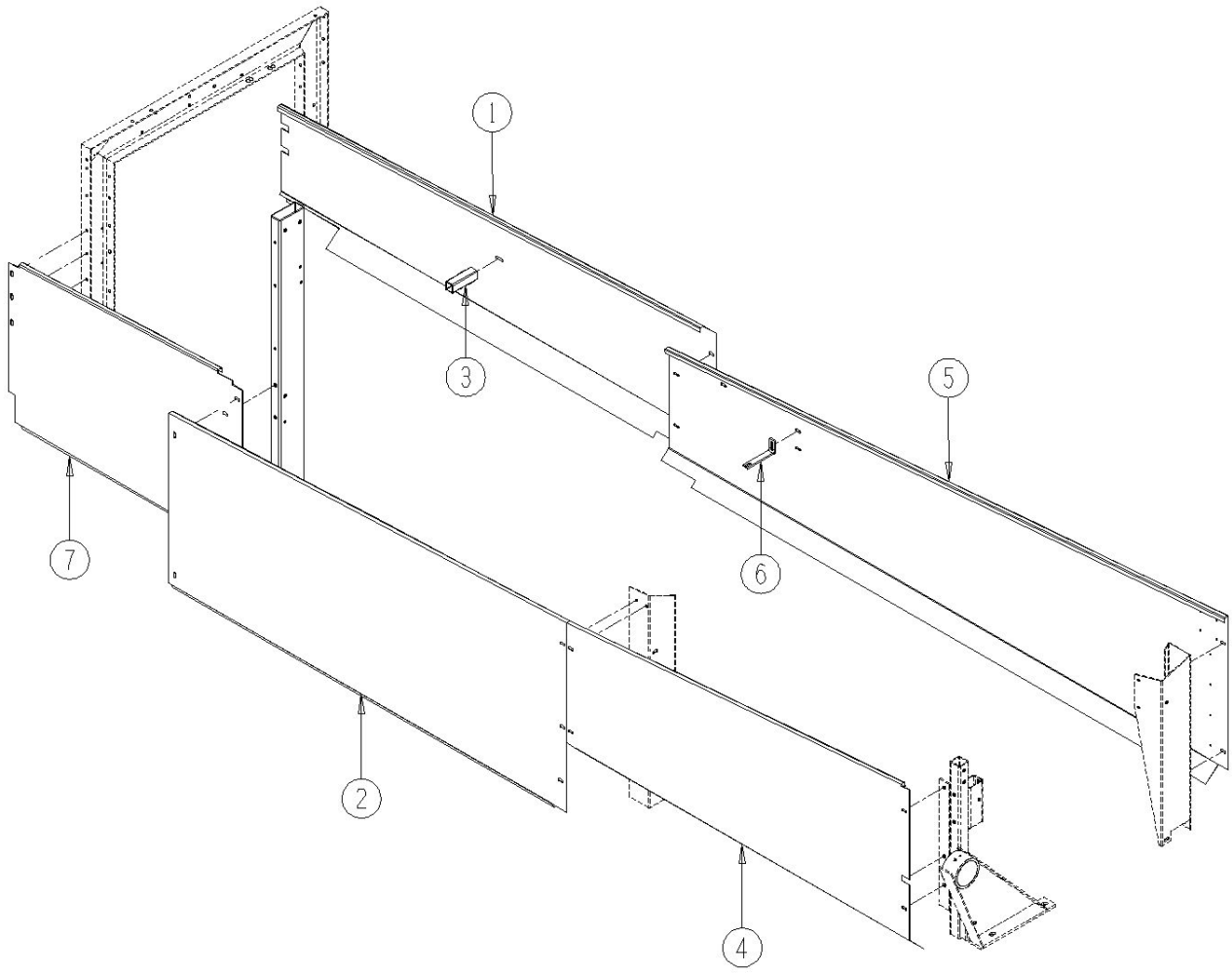
10010-08-64



10010-08-65 Long Aftersort Side Panel Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	PAN-1742	Panel, Debris Chute, Handsort, Inner Rear	1	KIT-800	
2	PAN-1841	Panel, Middle Outside, Hand Sort Table, 1010	1		
3	SPA-800	Spacer, Sq. Tube, 1/8x1-1/2x1-1/2x5, Red	1		
4	PAN-1842	Panel, Front Outside, Hand Sort Table, 1010	1		
5	192-127	Debris Chute, Inner Aftersort (Tomato)	1	19201-	
6	191-129	Bracket, Inner Debris Chute	1	19101-	
7	PAN-1840	Panel, Rear Outside, Long Hand Sort, 1010	1		

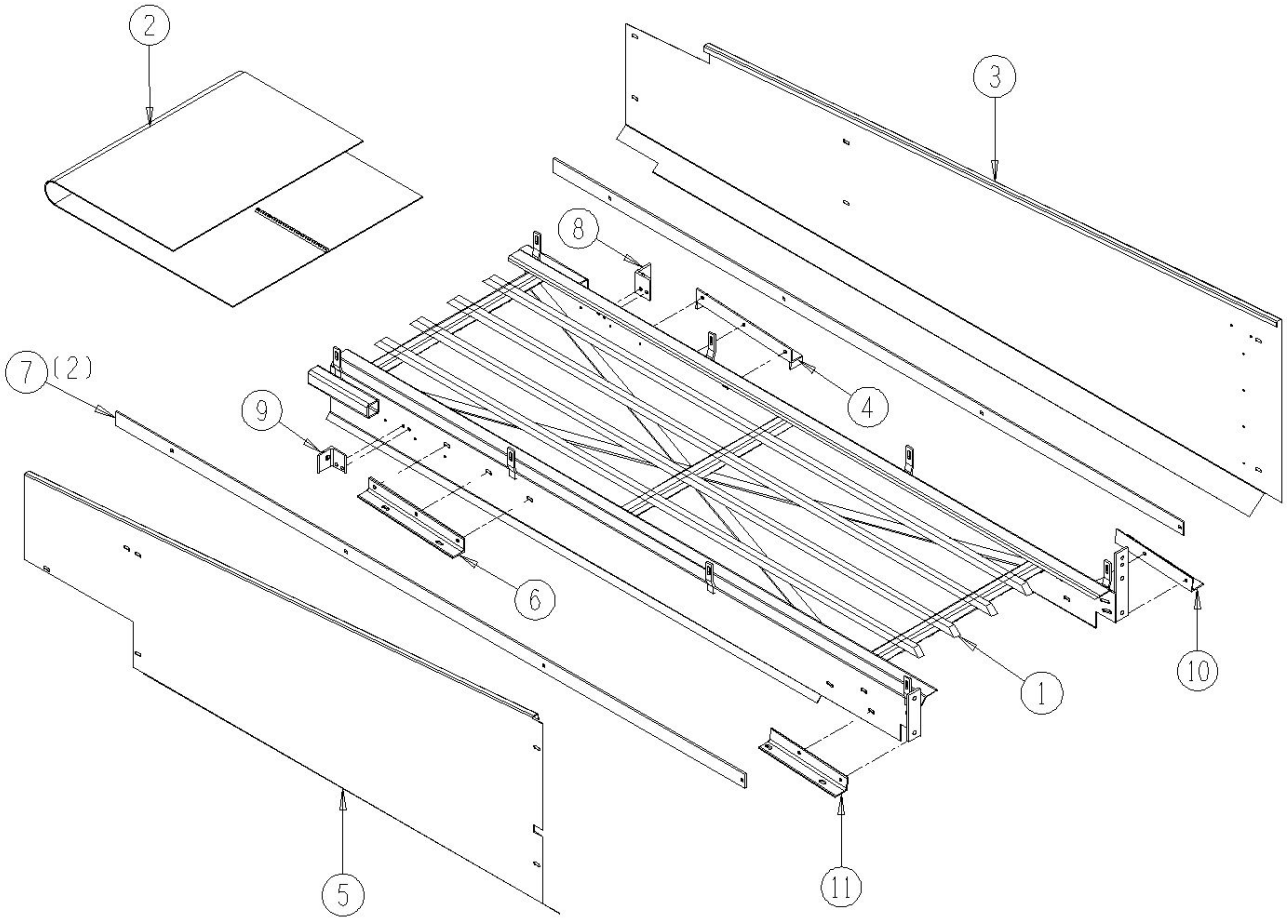
10010-08-65



10010-09-40 Aftersort Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	HAN-804	Sorting Table, Slider, 190 Tomato Harvester	1		
2	BT-240V32L	Sorting Belt w/V guide 240 x 32 Laced	1		
3	PAN-0038	Shield, Inner Sorting Table, 190 Tomato	1		
4	BRA-0209	Bracket, Outer Sorting Table, 190	1		
5	193-128	Debris Chute, Outer Front (Tomato)	1	19301-	
6	BRA-0210	Bracket,Inner Sorting Table, 190	1		
7	BAR-0209	Bar, Table Side, Aftersort, 190	2		
8	STP-8501	Stop, Outside, Adjuster Belt	1		
9	STP-8502	Stop, Inside, Adjuster Belt, Crss Convyr, HC290	1		
10	BRA-0215	Bracket, Outer Sorting Table, 190	1		
11	BRA-0216	Bracket, Inner Sorting Table, 190	1		

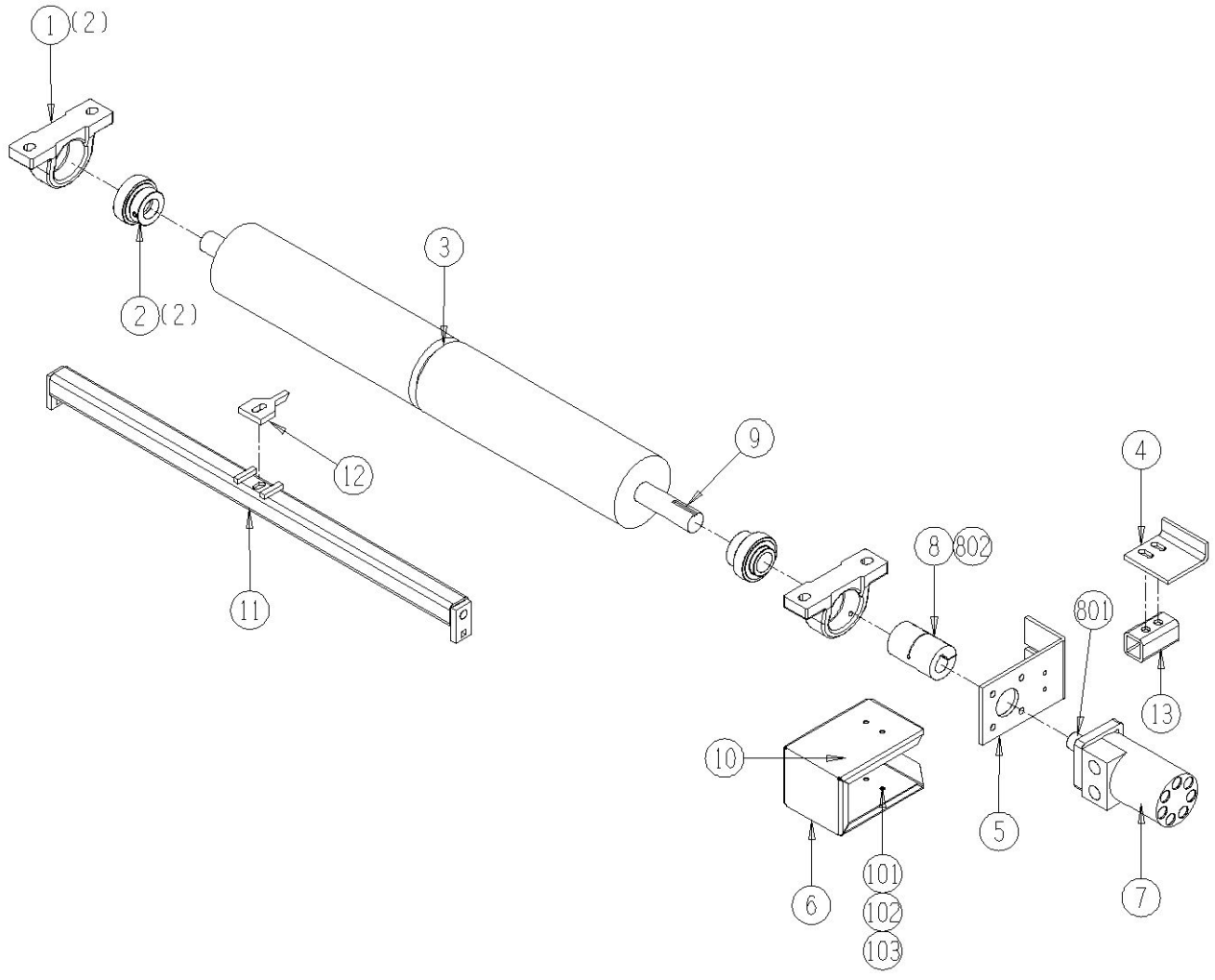
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10010-09-41 Aftersort Drive Shaft Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-072-RAK	72mm Cast Housing	2		
2	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
3	RLR-1524	Drive Roller with 'A'Guide for Aftersort (Tomato)	1		
4	193-806A	Motor mount stop	1		
5	193-806	Mount motor	1		
6	193-806C	Motor Guard	1	19301-	
7	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
8	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
9	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
10	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
11	MOU-804	Mount A-Guide Scraper Holder, 190 Harvester	1		
12	SCR-803	Scraper, A-Guide Groove, Aftersort 190 Tom.	1		
13	SPA-0071	Motor Stop Spacer	1		
101	BL-4-500-H	1/4-20 X 5 HEX CAP G5 ZC	1		
102	BL-4-FW-8	1/4” Flat Washer Grade 8	4		
103	BL-4-WN	1/4-20 FORGED W/NUTS ZC	1		
801	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1		
802	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	

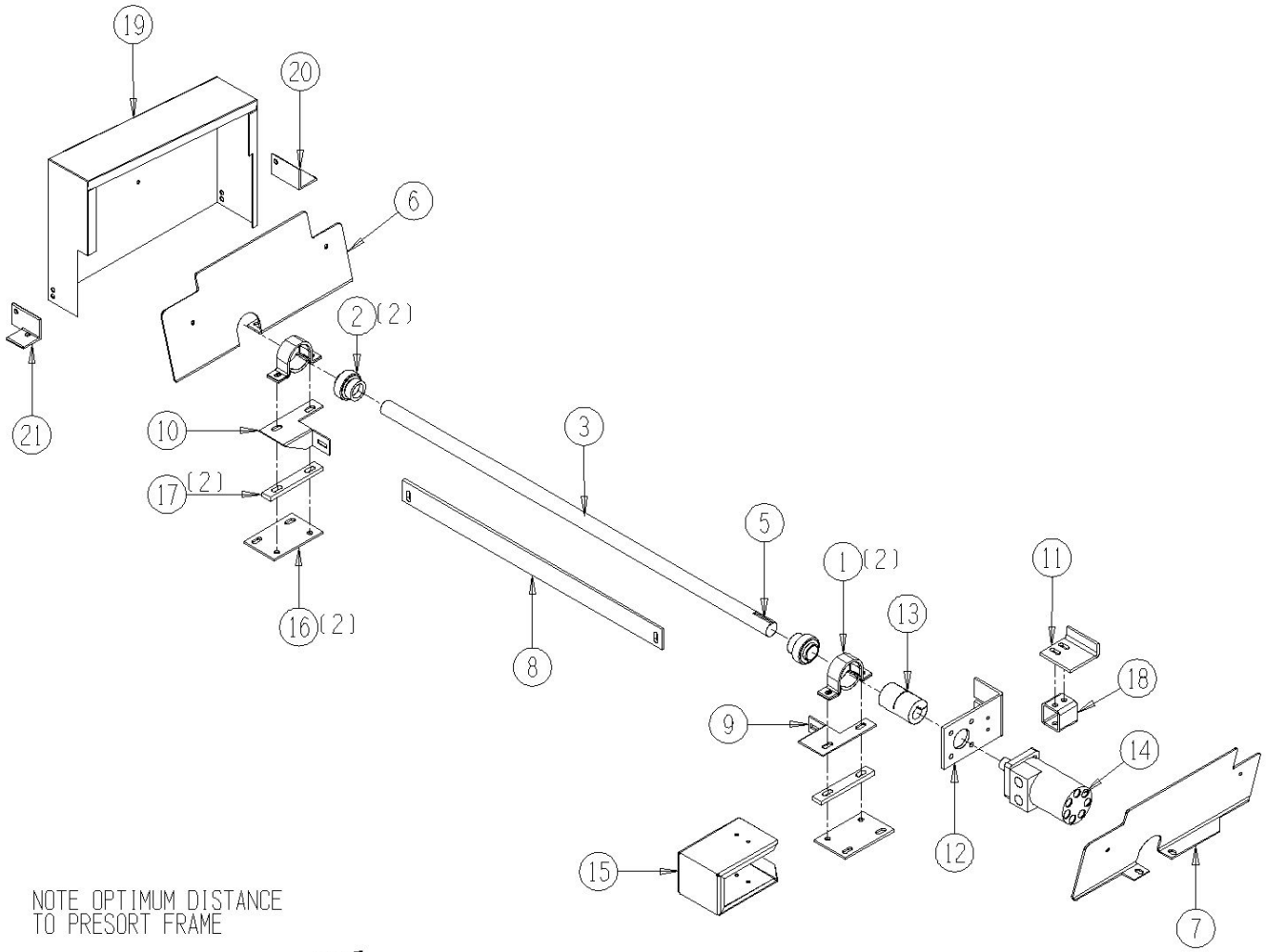
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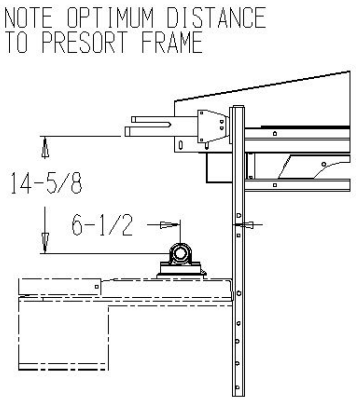


10010-09-42 Aftersort Divider Bar Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	SFT-0047	Aftersort Divider Shaft, 190 Tomato Harvester	1		
5	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
6	SHD-8751	Divider Roller Shield, Aftersort LH, HC290	1		
7	SHD-8750	Divider Roller Shield, Aftersort, RH, HC290	1		
8	SCR-0001	Divider Shaft Scraper, 190 Tomato Harvester	1		
9	BRA-850	Bracket, Rolling Guard, Scraper, Outer	1	19101-Kit-0007	
10	BRA-851	Bracket, Rolling Guard, Scraper, Inner	1	19101-kit-0007	
11	193-806A	Motor mount stop	1		
12	193-806	Mount motor	1		
13	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
14	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
15	193-806C	Motor Guard	1	19301-	
16	BAR-8755	Bar, Divider Roller Bar, Aftersort, HC290 Tomato	2		
17	SPA-0076	Divider Bar Spacer	2		
18	SPA-0007	Spacer, Motor Stop, Cleaner Table Drives	1		
19	COV-845	Cover, Divider Shaft Drive, Aftersort	1	19705 19801-	
20	BRA-1536	Bracket, Cover Hinge, Aftersort	1	19705 19801-	
21	193-1536	Mounting Angle, Outer Presort Shield	1	19301-	
22	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
101	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	4		
101	BL-6-250-H	3/8-16 X 2 1/2 HH C/S GR5 ZC	4		
102	BL-6-LW	3/8 SPLIT LW ZC	4		
103	BL-6-SW	3/8 SAE FW ZC	4		
104	RI-3-5-P	Pop Rivet 3/16 x 5/16 Domed, .375 head, ea	2		

10010-09-42

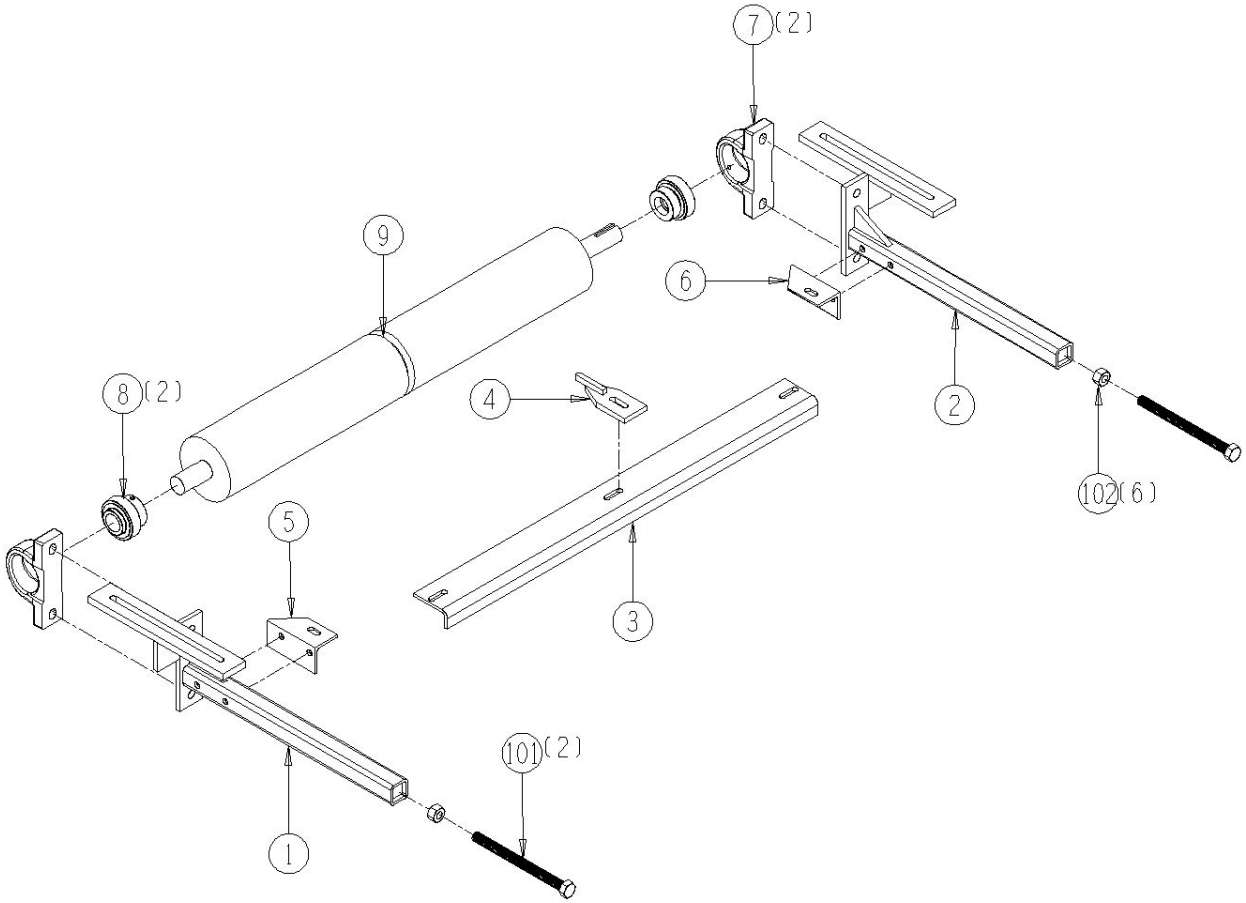

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NOTE OPTIMUM DISTANCE
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10010-09-43 Aftersort Auger Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	ADJ-0210	Adjuster, Sorting Table, Outerr, 190	1		
2	ADJ-0209	Adjuster, Sorting Table, Inner, 190	1		
3	BRA-0213	Rear Scraper Mount	1		
4	SCR-0213	Rear Scraper	1		
5	BRA-0211	Bracket, Outer Scraper Mount	1		
6	BRA-0212	Bracket, Inner Scraper Mount	1		
7	BR-072-RAK	72mm Cast Housing	2		
8	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
9	RLR-1524	Drive Roller with 'A'Guide for Aftersort (Tomato)	1		
101	BL-10-800-TS	5/8-11 X 8 HEX TAP Stainless Steel	2		
102	BL-10-N	5/8-11 HEX FIN NUTS ZC	6		

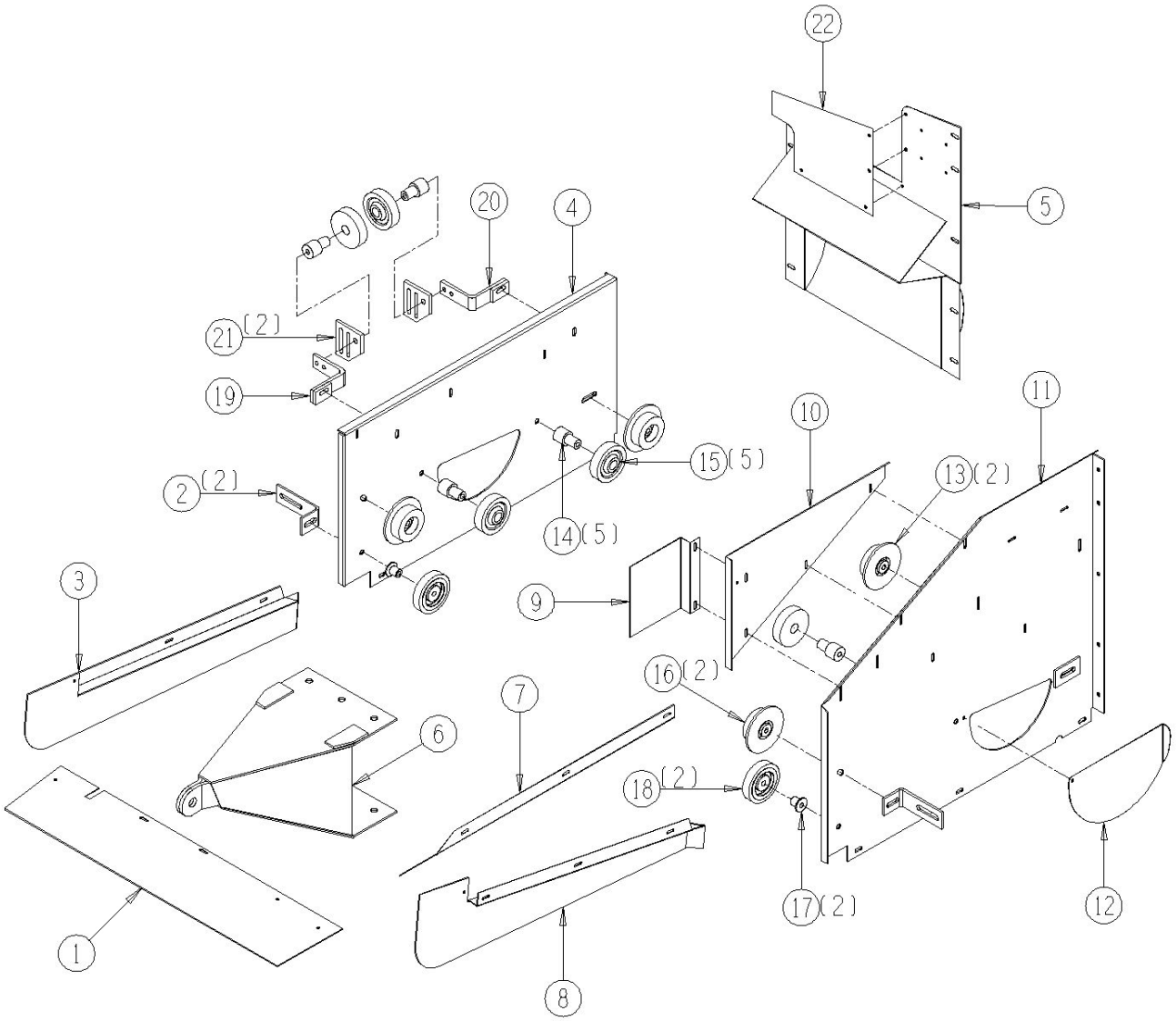
10010-09-43



10010-10-01 Discharge Basket Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BT-0013	Belting, Shield, Inner Discharge & Basket	1		
2	191-928	Bracket for front panel-elevator mount	2	19101-	
3	191-937	Tomato Guard, Rear Discharge	1	19101-	
4	191-921	Panel, Rear Discharge	1	19101-	
5	194-925	Discharge Valve	1	19401-	
6	191-917	Discharge Cylinder Mount	1	19101-	
7	193-922	Deflector	1	19301-	
8	192-936	Tomato Guard, Front Discharge	1	19201-	
9	192-936A	Discharge basket, Front Extension	1	19201-	
10	193-920A	Front Discharge Panel Extension	1	19301-	
11	193-920	Front Discharge panel	1	19301-	
12	PAN-920C	Panel, Access [Red]	1	19301-	
13	RLT-535-228	5' Flange Roller 2.2WF x 3 1/2' dia, 1/2' bore	2		
14	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	5	19101-	
15	RLG-040-1016	4' Urethane Roller	5	Old Terog Part No. RU4	
16	RLT-535-128	Narrow Flange Roller 1.2 WF 3.5 dia,1/2' Bore	2		
17	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
18	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
19	BRA-105	Bracket, Header Roller, Inner	1		
20	BRA-106	Bracket, Header Roller, Outer	1	19101-	
21	BRA-107	Bracket, Header Roller	2		
22	SHD-0155	Shield, Discharge, 2010 190 Tomato Harvester	1		
600	HC-250-3008	Hydraulic cylinder 2 1/2' x 30' #8 SAE Ports	1	11001-	Seal kit for Lion, HC-250-125

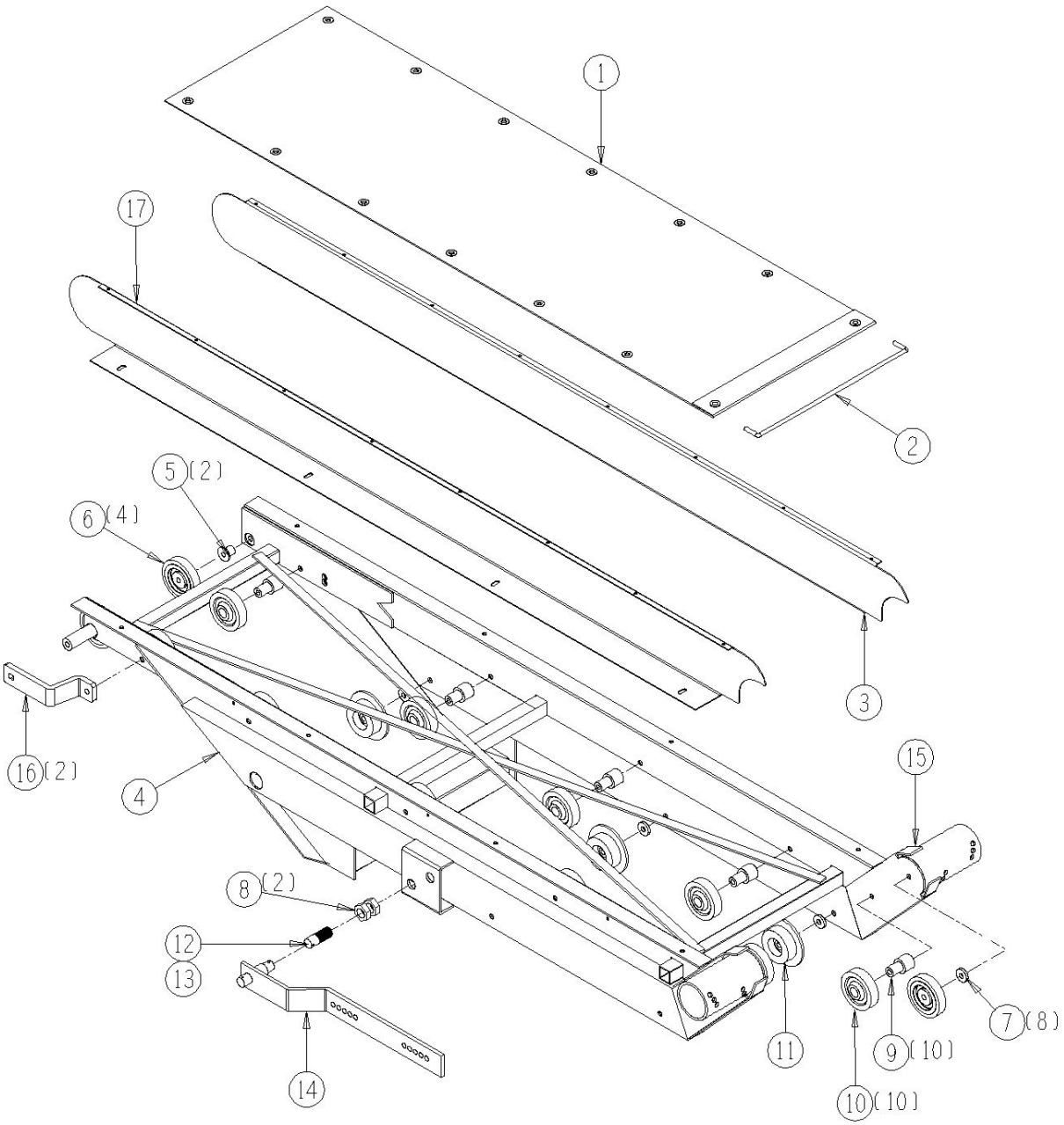
10010-10-01



10010-10-02 Discharge Inner Section Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	TRP-938	Discharge Tarp	1	19101-	
2	194-938A	Tarp Support	1	19401-	
3	SHD-0152	Discharge Extension,Lower Rear	1		
4	194-901	Frame, Discharge Elevator	1	19201	
5	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
6	RLR-040-108	4' Flat Roller	4		Changed to Urethane in 2006
7	RLA-000-028	Washer/Spacer	8	11001-	
8	BL-16-JN	1 UNC FIN HEX JAM NUT A563 GrA ZINC	2		
9	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	10	19101-	
10	RLG-040-1016	4' Urethane Roller	10	Old Terog Part No. RU4	
11	RLT-535-128	Narrow Flange Roller 1.2 WF 3.5 dia,1/2' Bore	8		
12	192-907P	Discharge Stablizer Pin	1	19201	
13	HC-1130B	Hair Pin Clip	1		
14	193-919	Transport bar	1	19301-	
15	DC-1174	Decal, Danger Keep Hands and Feet Away	1		
16	BAR-0114	Discharge Strap, Tomato Harvester	2		
17	SHD-0151	Discharge Extension,Lower,Front	1		
600	HC-200-2408	Hydraulic cylinder 2' x 24' #8 SAE Ports	2		Seal kit for Lion, HC-200-112

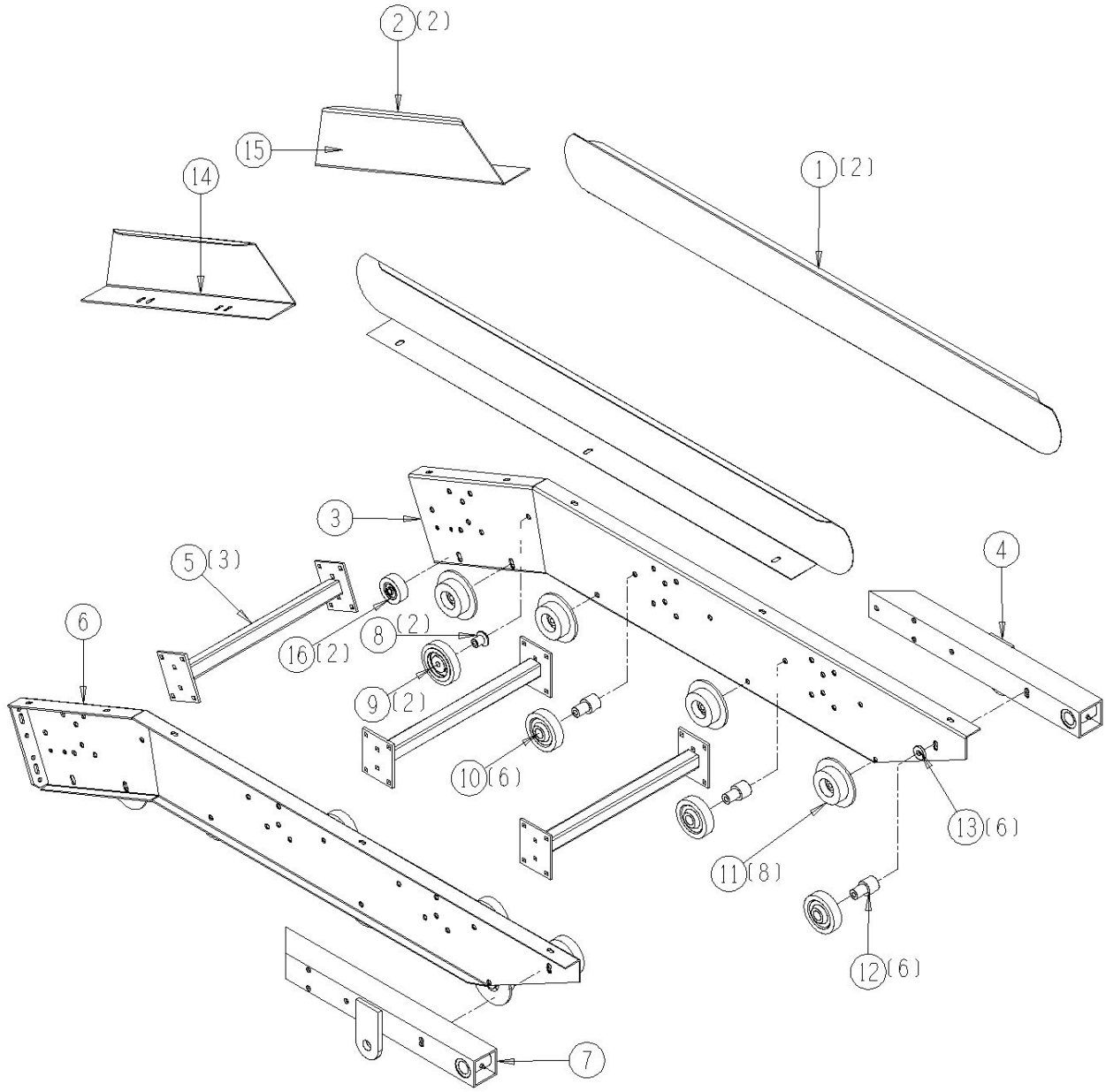
10010-10-02



10010-10-03 Discharge Outer Section Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-909	Mid Elevator Extension	2		Same Front and Back
2	SID-911	Side, Extension Discharge, Outer, Tom.	2		Replaces 191-910
3	195-9024	Outer Discharge Elevator Frame (rear)	1		
4	192-906	Cylinder Mount, Rear Discharge	1	19201-192-900K	
5	BAR-9026	Bar, Cross Member, Discharge	3	19201-192-900K	Replaces BAR-9025
6	195-9023	Outer Discharge Elevator Frame (front)	1	19501-	
7	192-905	Cylinder Mount, Front Discharge	1	19201-	
8	RLA-000-118	Standoff, 1/2' X 1 1/8'	2		
9	RLR-040-108	4' Flat Roller	2		Changed to Urethane in 2006
10	RLG-040-1016	4' Urethane Roller	6	Old Terog Part No. RU4	
11	RLT-535-128	Narrow Flange Roller 1.2 WF 3.5 dia,1/2' Bore	8		
12	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	6	19101-	
13	RLA-000-028	Washer/Spacer	6	11001-	
14	DC-3026	Orange Reflective Tape @ 50ft Roll	0.12		
15	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.04		
16	RLT-027-108	Roller 2.75' dia. 1/2' Bore	2		2755C1X (Old Number, Single Bearing)

10010-10-03

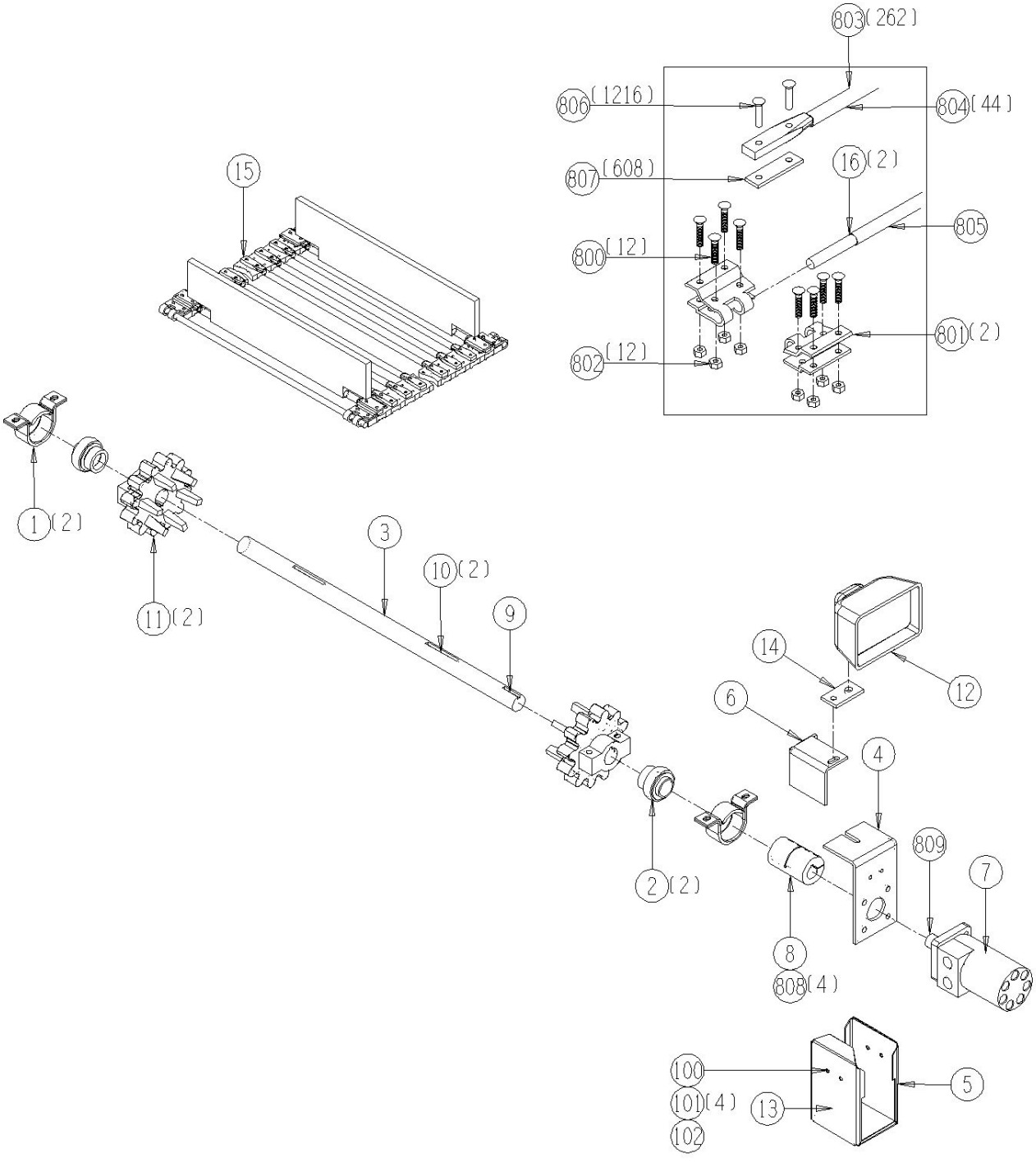


10010-10-04 Discharge Drive Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	BR-062-MPB	Stamped Bearing Housing for 1 1/4” bearing	2		
2	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
3	110-911	Shaft, Discharge Drive	1	11001-	
4	193-806	Mount motor	1		
5	193-806C	Motor Guard	1	19301-	
6	193-915	Stop, Discharge Motor	1	19301-	
7	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
8	CPS-6060	Steel Coupler (offcenter) 1 1/4” x 1”	1		
9	KEY-4-4-20	Shaft Key 1/4” x 1 1/4”	1		
10	KEY-4-4-32	Shaft Key 1/4” x 2” Square Cut (1018)	2		
11	SP-3618-20-4	Sprocket 36mm 18 Tooth, 1 1/4” Bore, Splitt & Bolted	2		
12	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	1		Replaces EL-1201
13	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
14	BAR-1510	Bar, Light Holder	1		
15	BC-6-2036-307	Discharge chain with flights	1	19101	
16	BC-3525	Snap Ring, 11mm.	2		
100	BL-4-500-H	1/4-20 X 5 HEX CAP G5 ZC	1		
101	BL-4-FW-8	1/4” Flat Washer Grade 8	4		
102	BL-4-WN	1/4-20 FORGED W/NUTS ZC	1		
800	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	12		
801	BC-F-36-20	F Connecting Clips 36-20 @ pair	2		
802	BC-1032-LN	10-32 lock nuts	12		
803	BC-6-20-ST	3/8” x 20” Belted Chain Rod (Straight)	262	11001	
804	BC-6-20-FL	Rubber Elevator Flights	44	19201	
805	BC-7-20-CN	Connecting Rod, 11mm, 20” Wide Belted Chain, 50mm Traction Belts	1		
806	RI-19-BC	19mm Belted Chain Rivets	1216		
807	BC-BP20	Belt, Rivet backing plates 20mm	608	19101	Lap Splice Option
808	BL-5-100-SF	5/16-24 x 1 Socket Head Cap Screw	4	CPS-6057	

809	KEY-4-4-15	Shaft Key 1/4” X 1/4” X 15/16” Woodruff Key	1

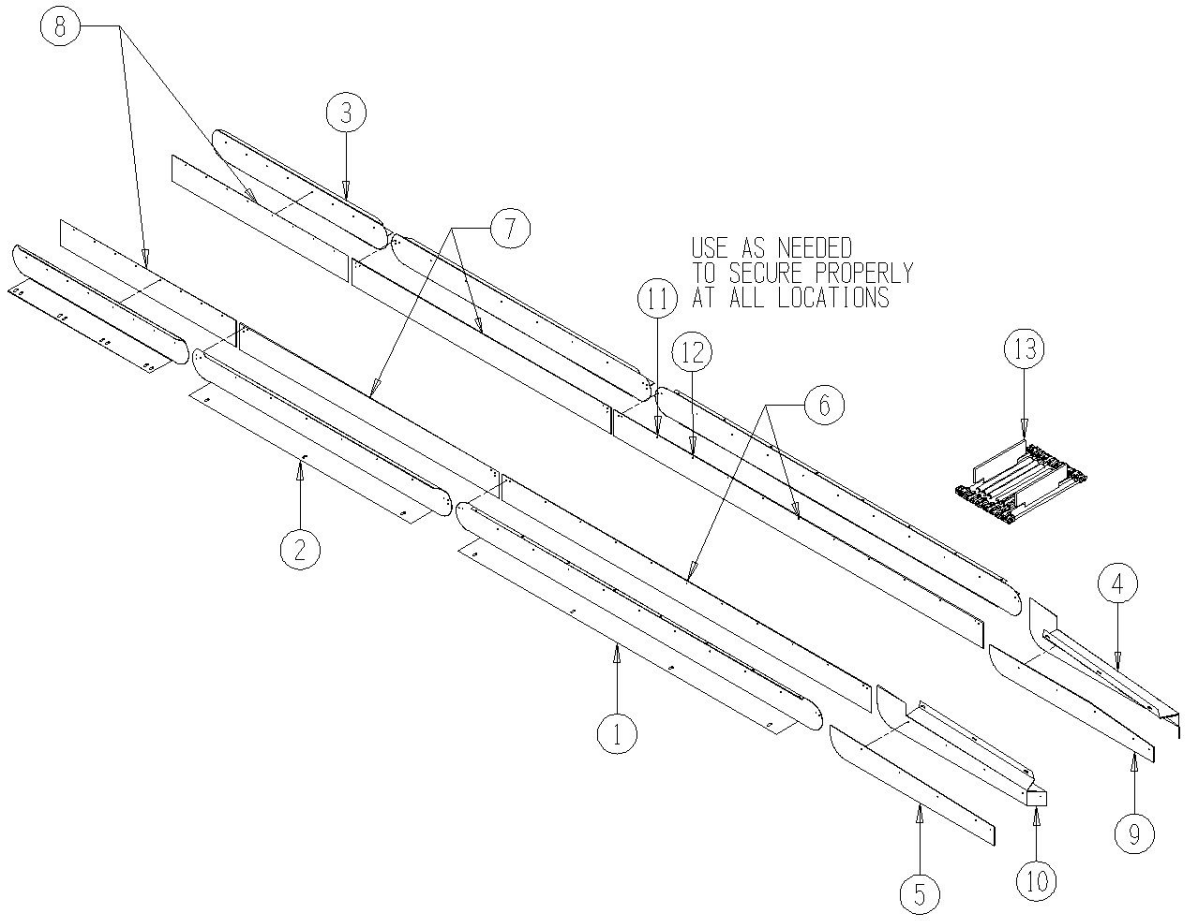
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10012-10-11 Optional Narrow Extended Discharge Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
	BT-909	Belting, Extensions, Top Interm	4	19201-	
0	OPT-900	Narrow Discharge Flight Kit	0		
0	OPT-910	Belting on Discharge Sides	0		
1	SID-907	Side, Extension, Lower, Front & Rear, Discharge (Tomato)	2	19201-	Use 191-907
2	SID-909	Side, Extension, Top Middle, Discharge (Tomato)	2	19201-	Use 191-909
3	SID-912	Side Extension, Top Outer, Discharge	2		
4	SID-936	Side, Discharge Guard, Front (Tomato)	1	19201-	
5	SID-937	Side, Discharge Guard, Rear (Tomato)	1	19201-	
6	BT-907	Belting, Extensions, Top Interm	4	19201-	
8	BT-912	Belting Extension, Top Outer	2		
9	BT-936	Belting, Extensions, Front	2	19201-	
10	BT-937	Belting, Extensions, Rear	2	19201-	
11	RI-3-5-SS	SS Pop Rivets, 5/32 x .063-.125, Buttonhead	40		
12	RI-3-66-P	Pop Rivets 3/16 x 1/2 Domed, .625 head , ea.	200		
13	BC-6-2036-337AC-SF	Extended Elevation Chain w/air cushion,Short Flights	1		
801	BC-1032-FS	10-32 x 1 1/4' bolts Flat Socket Head	0		
802	BC-1032-LN	10-32 lock nuts	0		
803	BC-F-36-20	F Connecting Clips 36-20 @ pair	0		
804	BC-6-20-ST	3/8' x 20' Belted Chain Rod (Straight)	0	11001	
805	BC-7-20-CN	Connecting Rod, 11mm, 20' Wide Belted Chain, 50mm Traction Belts	0		
806	RI-19-BC	19mm Belted Chain Rivets	0		
807	BC-BP20	Belt, Rivet backing plates 20mm	0	19101	Lap Splice Option

10010-10-10

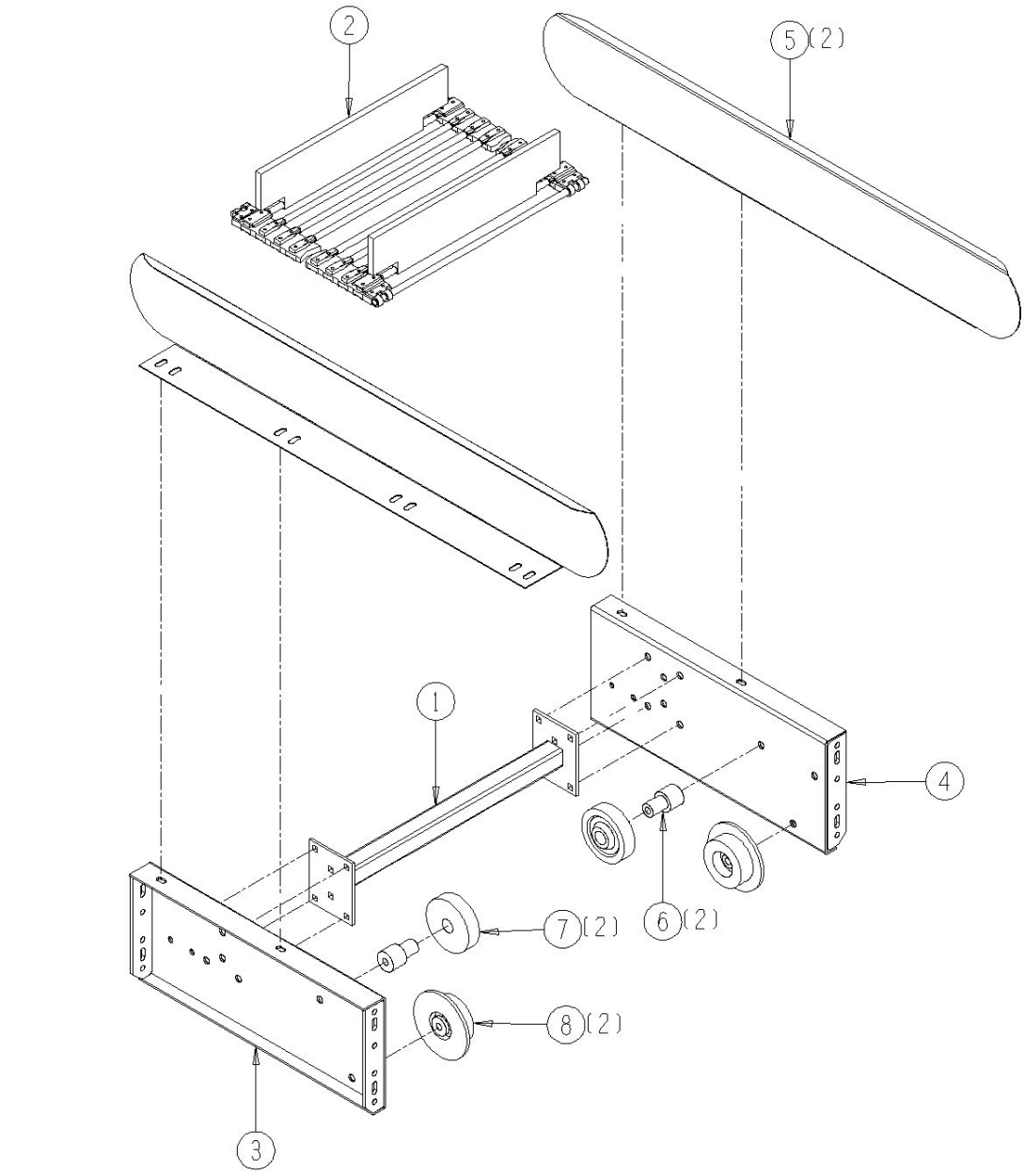

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10010-10-11 Optional Discharge 22” Extension Kit

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0103	22” Discharge Elevator Extension	0		
1	BAR-9026	Bar, Cross Member, Discharge	1	19201-192-900K	Replaces BAR-9025
2	BC-6-2036-30FL	Extension for Tomato Discharge Elevator	1		
3	PAN-9023	Panel, Discharge extension, Front	1		
4	PAN-9024	Panel, Discharge extension, Rear	1		
5	PAN-910	Panel, Top extension, Discharge Ext. Kit	2		
6	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	2	19101-	
7	RLG-040-1016	4” Urethane Roller	2	Old Terog Part No. RU4	
8	RLT-535-128	Narrow Flange Roller 1.2 WF 3.5 dia,1/2” Bore	2		
100	BL-6-100-C	3/8 UNC X 1 CARRIAGE BOLT GR5 ZINC	8		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	14		
102	BL-6-LW	3/8 SPLIT LW ZC	8		
103	BL-6-N	3/8-16 HEX NUTS ZC	8		
104	BL-6-SW	3/8 SAE FW ZC	36		
105	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	8		
106	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	6		
110	BL-8-275-H	1/2 UNC X 2 ¾ HH C/S BOLT GR5 ZINC	2		
111	BL-8-375-H	1/2 UNC X 3 ¾ HH C/S BOLT GR5 ZINC	2		
112	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
113	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
114	BL-8-SW	1/2 SAE FW ZC	4		
600	A-1405-8-8	1/2” NPT Coupler W/Swivel	2		
601	H10-24-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 24 in long	2		
801	BC-1032-FS	10-32 x 1 1/4” bolts Flat Socket Head	0		
802	BC-1032-LN	10-32 lock nuts	0		
803	BC-F-36-20	F Connecting Clips 36-20 @ pair	0		
804	BC-6-20-ST	3/8” x 20” Belted Chain Rod (Straight)	0	11001	
805	BC-7-20-CN	Connecting Rod, 11mm, 20” Wide Belted Chain, 50mm Traction Belts	0		

806	RI-19-BC	19mm Belted Chain Rivets	0		
807	BC-BP20	Belt, Rivet backing plates 20mm	0	19101	Lap Splice Option

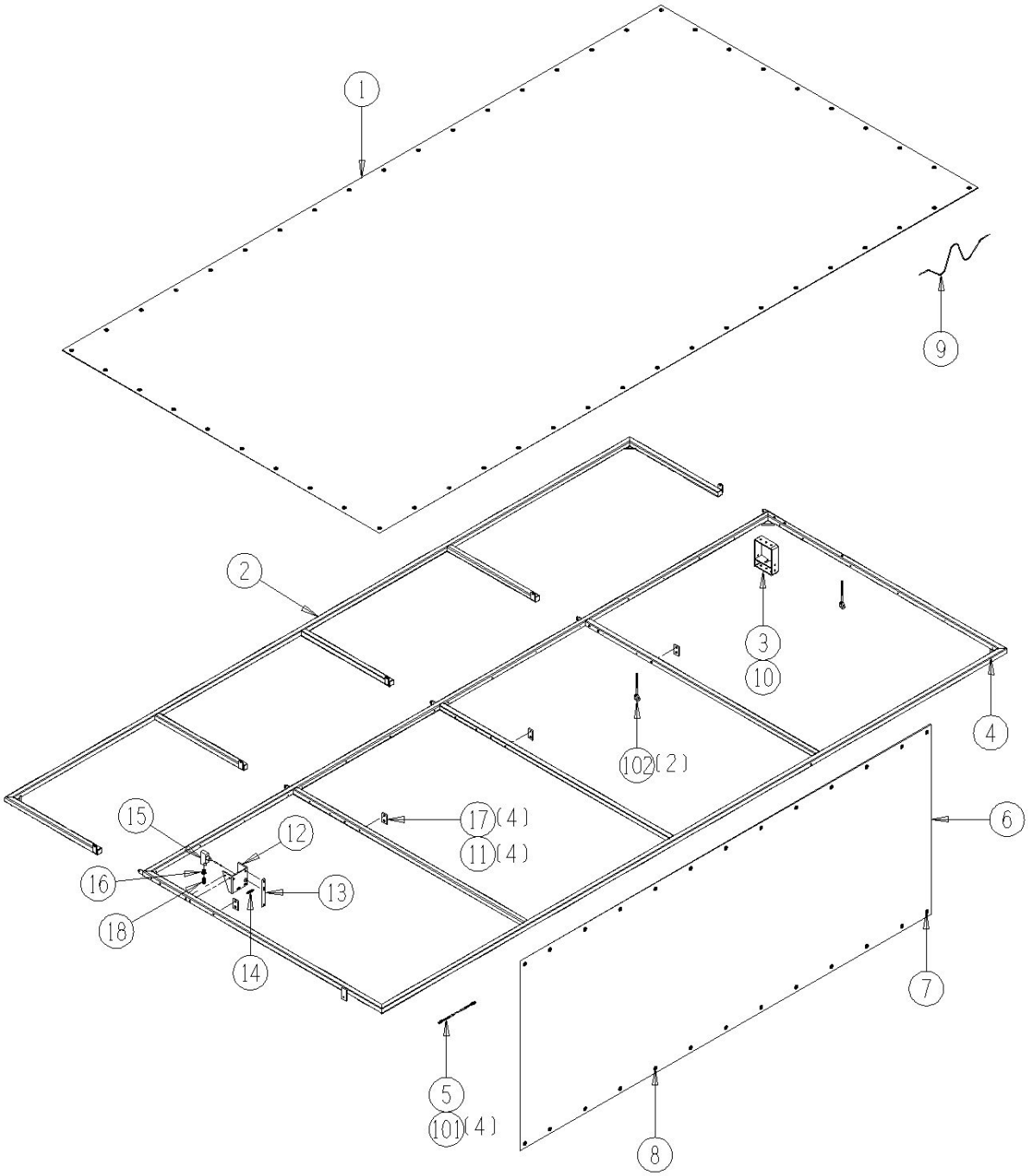
10010-10-11



10010-11-01 Canopy Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	TRP-1115	Tarp, Sun tarp	1	19101-	
2	192-1116A	Fold out	1	19201-	
3	SHD-1206	Shield, Flashing Light	1	30097001- 19601-	
4	192-1116	Main sun tarp frame	1	19201-	
5	194-1146	Stainless Steel Cable Assembly	1	19201- TRP-1145K	
6	TRP-1145	Dust Tarp	1	19201- TRP-1145K	
7	STRP-1410	15” Tarp Strap	1		
8	STRP-610	6” Tarp Strap (ea.)	10		
9	TRP-0006	Nylon Rope #6 @ foot	82		
10	EL-1206	Double Amber Lamp	1		
11	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	4		Replaces EL-1201
12	195-1455	Horn Bracket	1	19501-	
13	195-1456	Horn Switch Bar	1	19501-	
14	SPG-9654	extension Spring for Horn Switch	1		
15	EL-6610	Horn Switch	1		
16	BU-6-8-N	Bushing, Threaded Pipe, Nylon, 3/8” x 1/2”	1		
17	BAR-1510	Bar, Light Holder	4		
18	ELC-2638	3/8” Plastic Cord Connector	1		
101	BL-5-FN	5/16” Fine Thread Nuts	4		
102	BL-6-600-I	3/8-16 x 6-1/4” Shank, Zinc Plated Turned Eye Bolt for Horn Cord SS	2		

10010-11-01

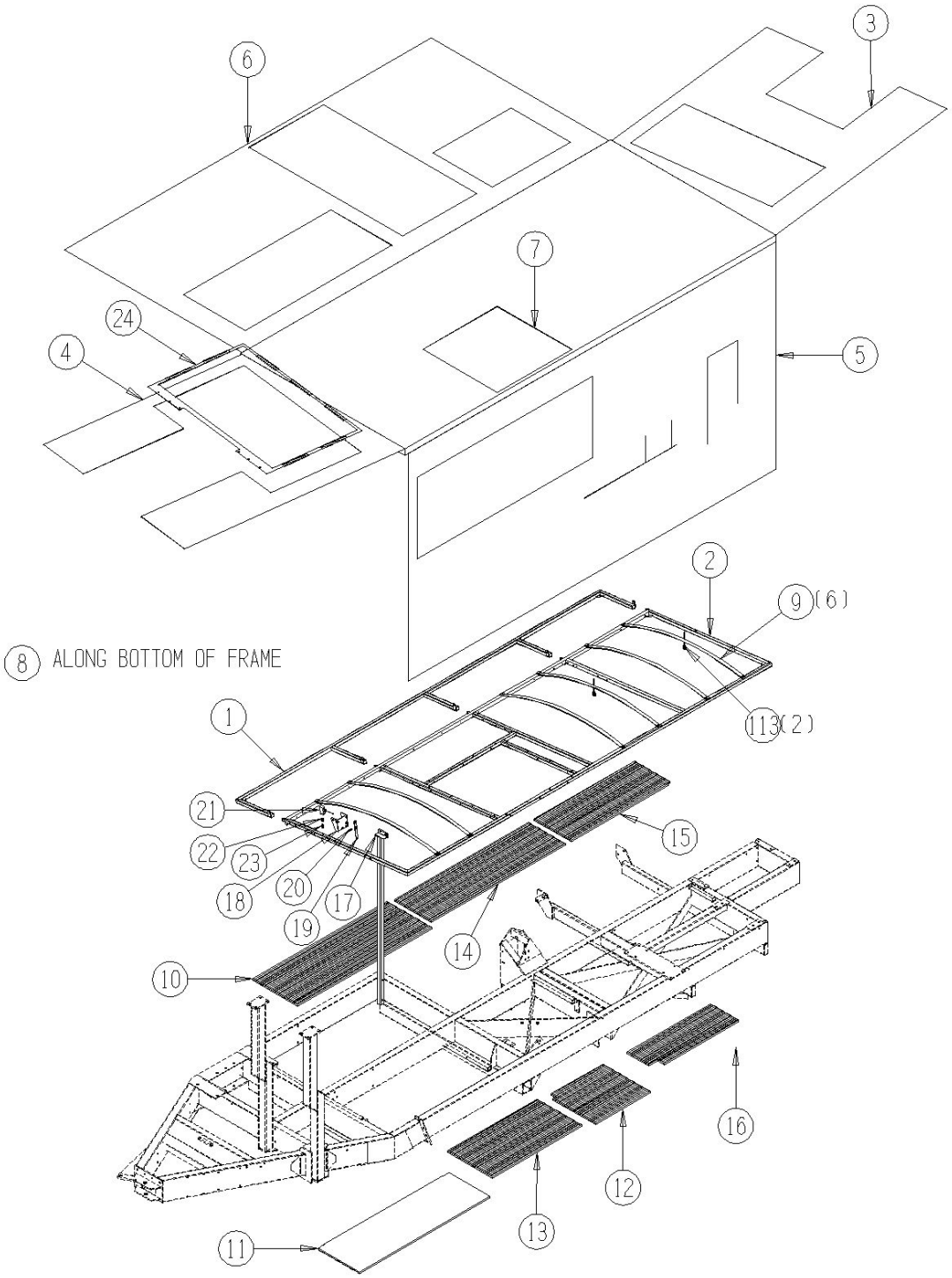


10012-11-02 Optional Canopy Enclosure Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
	FRM-8104	Frame, Canopy Cover Holder, Opening, HC290	1		
	TRP-8001	Tarp, Fresh Air Fan Hole Cover, HC290	1		
1	FRM-0003	Outside Flip Up, Main Frame,Tarp Enclosure	1		
2	FRM-0006	Canopy Wldmt, Main Frame, Tarp Enclosure	1		
3	TRP-1150-BSP	Back Side Panel, Canopy Assembly, 190 Tom.	1		
4	TRP-1150-FSP	Front Side Panel, Canopy Enclosure 190 Tom.	1		
5	TRP-1150-LSP	Left Side Panel, Canopy Enclosure, 190 Tomato	1		
6	TRP-1150-RSP	Right Side Panel, Canopy Enclosure, 190 Tom.	1		
7	TRP-1150-TCP	Top Cover Panel, Canopy Enclosure, 190 Tom.	1		
8	TT-2771	Tarp Tracking, 16' Sections	3		
9	ARM-0006	Arm, Tarp Bows, Enclosure Frame	6		
10	CM-01	Deck Mat, Outer Front, Rubber	1		
11	CM-04	Deck Mat, Inside, Rubber	1		
12	CM-05	Deck Mat, Inner, Rubber	1		
13	CM-06	Deck Mat, Inner Decking, Rubber	1		
14	CM-08	Deck Mat, Outer Mid, Big Wheels	1		
15	CM-09	Deck Mat, Outer Rear, Big Wheels	1		Must Modify to fit small wheel machines pre '98
16	CM-10	Deck Mat, Inner Elevation w/ Presort	1		
17	POS-1120	Inner Canopy Post, Sliding Table, 240 Harvester	1		
18	195-1455	Horn Bracket	1	19501-	
19	195-1456	Horn Switch Bar	1	19501-	
20	SPG-9654	extension Spring for Horn Switch	1		
21	EL-6610	Horn Switch	1		
22	BU-6-8-N	Bushing, Threaded Pipe, Nylon, 3/8' x 1/2'	1		
23	ELC-2638	3/8' Plastic Cord Connector	1		
24	TRP-1152	Window, Front, Tarp, Enclosed Canopy, Magnets	1		
100	BL-1224-087-DT	12-24 x 7/8 Drill and Tap Screw	25		
101	BL-1224-150-DT	12-24 x 1 1/2 Drill & Tap Screw	6		

102	BL-4-075-H	1/4 UNC X ¾ HH C/S BOLT GR5 ZINC	4		
103	BL-4-225-H	1/4 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	16		
104	BL-4-FW-8	1/4' Flat Washer Grade 8	50		
105	BL-4-LN	1/4-20 HEX LN NE ZC	20		
106	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	10		
107	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	3		
108	BL-6-400-H	3/8-16 X 4 HEX CAP G5 ZC	3		
109	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	40		
110	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	20		
111	BL-8-125-H	1/2-13 X 1 1/4 HEX CAP G5 ZC	5		
112	RI-3-6-SS	SS Pop Rivets, 3/16 x .251-.375, Buttonhead	25		
113	BL-6-600-I	3/8-16 x 6-1/4' Shank, Zinc Plated Turned Eye Bolt for Horn Cord SS	2		
600	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	4		Replaces EL-1201
601	EL-1206	Double Amber Lamp	1		
610	EL-31562	Splice Tap for 18-14 Gauge Wire	1		
611	ELC-16-G	16 Gauge Wire (Green)	10		
612	ELT-25054	Black Cable Clamp, 3/8'	25		
613	ELT-31712	Push On Male 14-16 ga	1	HV-1045K	
614	ELT-31713	Push On Female Terminal 14-16 ga.	1	HV-1045K	

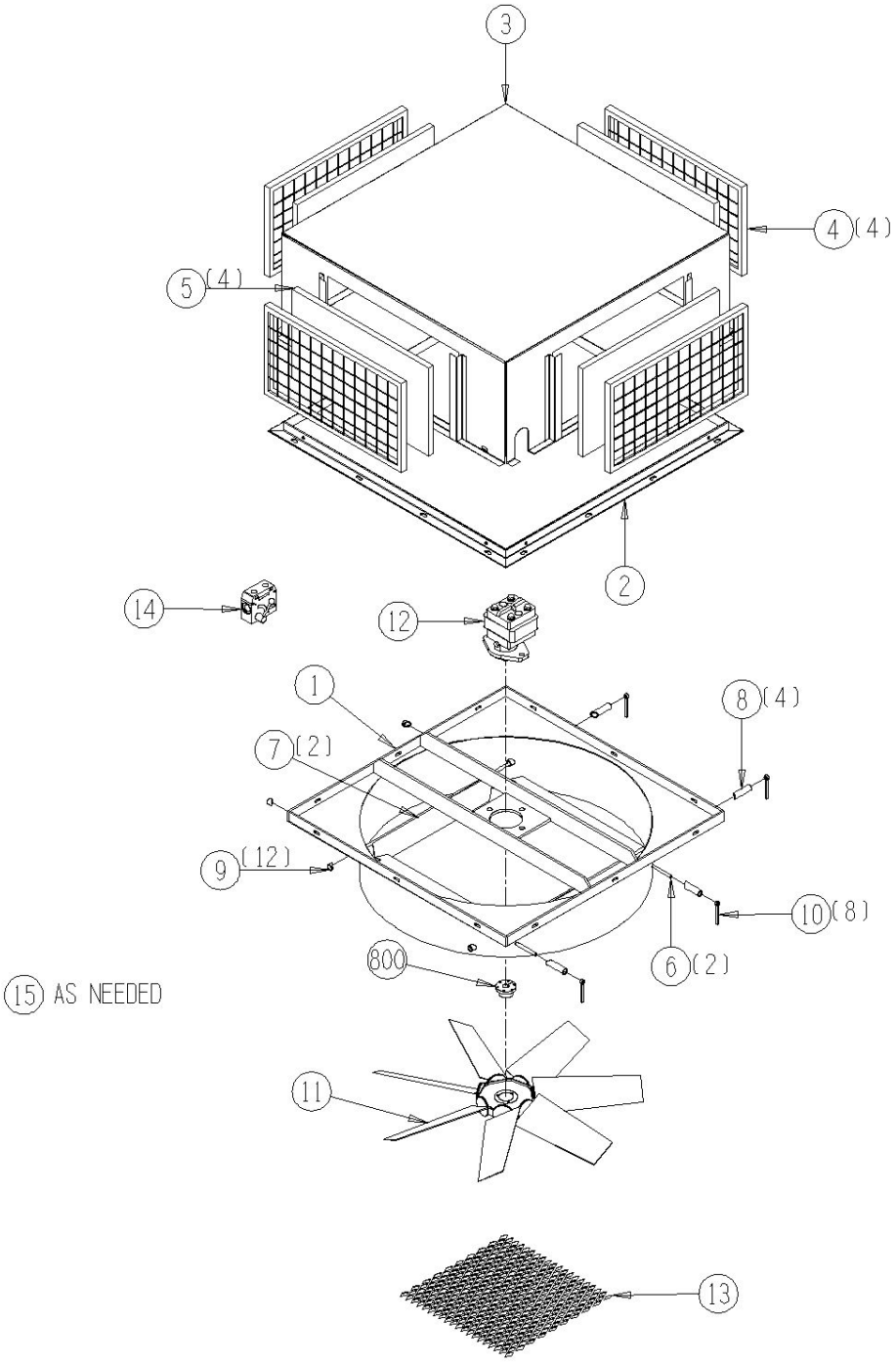
10012-11-02


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10010-11-03 Optional Enclosure Fresh Air Fan

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	FAN-8100	Fan, Fresh Air Fan Housing, Canopy	1		
2	FRM-0011	Frame, Ventilation Fan, Over Sorting	1		
3	FAN-4751	Fan Housing, Fresh Air Fans, Hand Sort Tables	1		
4	FFR-14251	Filter Frame, 14 x 25 x 1	4		
5	FP-14251	Filter Pad, 14 x 25 x 1	4		
6	FAN-8102	Fan, RH/LH Diffuser, Fresh Air Fan	2		
7	FAN-8103	Fan, Front/Back Diffuser, Fresh Air Fan	2		
8	SPA-8000	Spacer, Outside, Fresh Air Fan, Harvester	4		
9	SPA-8001	Spacer, Inside, Fresh Air Fan, Harvester	12		
10	ARM-8000	Arm, Diffuser Outside, Fresh Air Fan	8		
11	FAN-290-36	Fresh Air Fan, 36' with PU-SH-16 bushing	1		PU-SH-16 Bushing included.
12	HM-115	Hydraulic Motor	1		
13	FAN-8101	Fan, Shield, Fresh Air, Canopy	1		
14	HV-FL30	Flow Control Valve 30GPM	1		
15	WT-7	Wire Tie 7'	15		
800	PU-SH-16	Bushing, SH x 1', 1/4' Keyway	1		
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1		
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1		

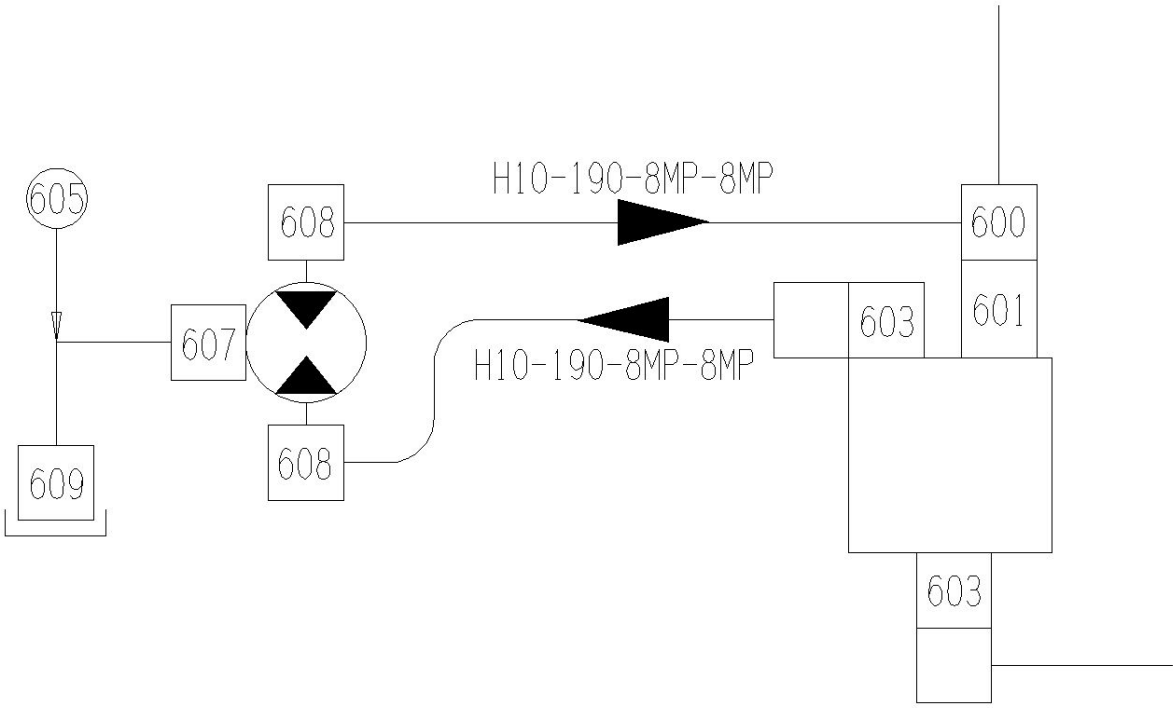
10010-11-03



10010-11-03H Enclosure Fresh Air Fan Hydraulic Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
600	A-1603-8-8-8	Swivel T 1/2” NPTF	1		
601	A-6401-10-8	10 SAE x 1/2 MPT Male	1		
603	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2		
604	H10-190-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 190 in long	2		
605	H6-PL-198	3/8” Push Loc Hose 198” (Secondary Shaker)	1		
606	HA-1032	Hydraulic Hose Holder 1/2	4	19101	
607	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1		
608	A-6900-12-8	12 SAEx 1/2” FPX	2		
609	ATB-06-06-06	3/8” x 3/8” x 3/8” Brass Hose Barb Tee	1		CL-10 needs to be used with this tee.

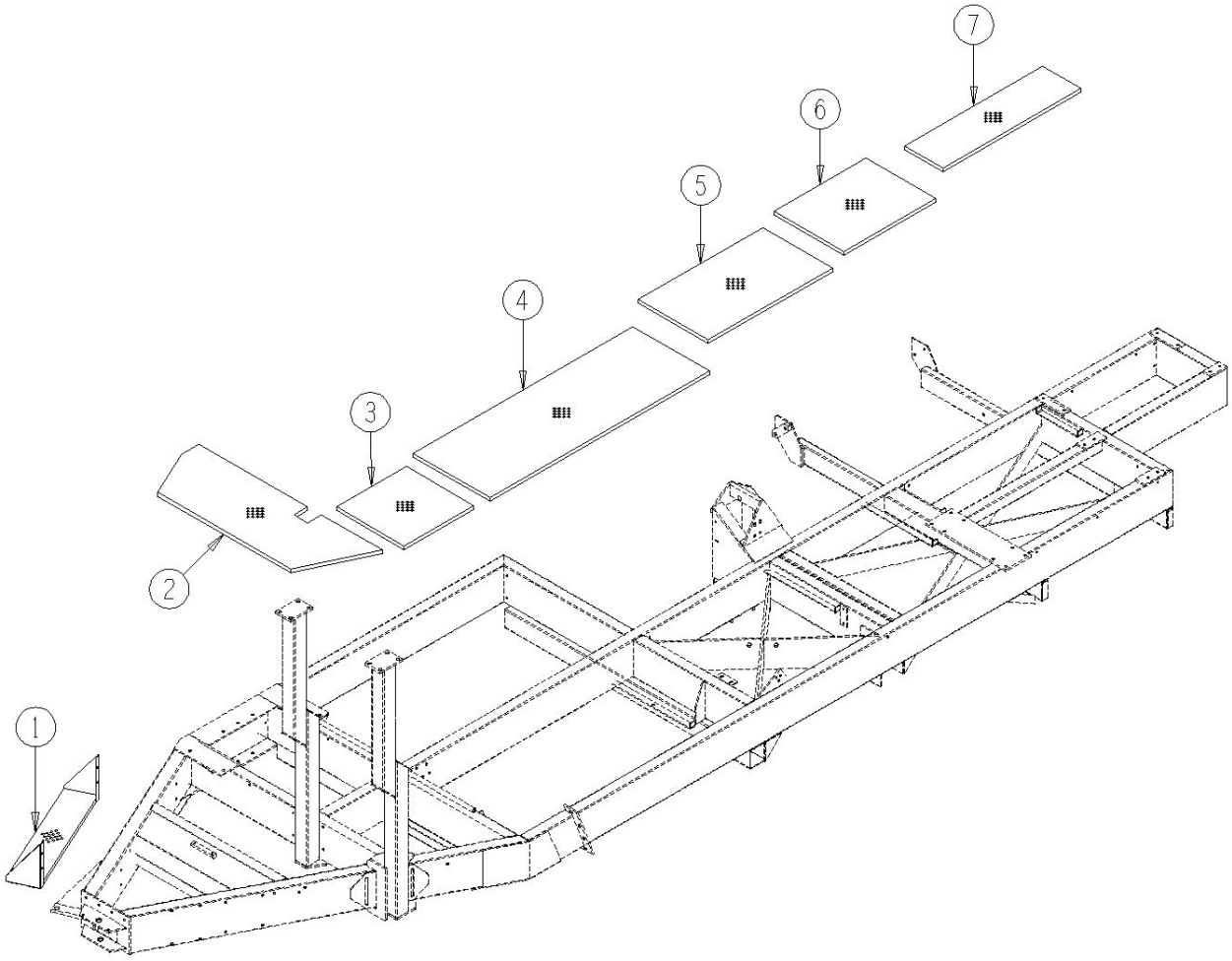
10010-11-03H


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H10-190-8MP-8MP
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H10-190-8MP-8MP
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10010-11-04 Overhead Lift Inner Decking Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	STD-1411	Deck, Step	1	19401-	
2	STD-1007	Front Cross Decking, 190 Tomato Overhead Lift	1		
3	STD-1409	Deck, Inner Entrance	1	19101-	
4	STD-1406	Deck, Inner (Front) Aftersort	1	19201-	
5	STD-0004	Stand, Inner Decking, Rear Aftersort	1		
6	STD-1405B	Deck, Presort, Rear	1	19201-	
7	STD-1404	Deck, Inner Elevation	1	19101-	

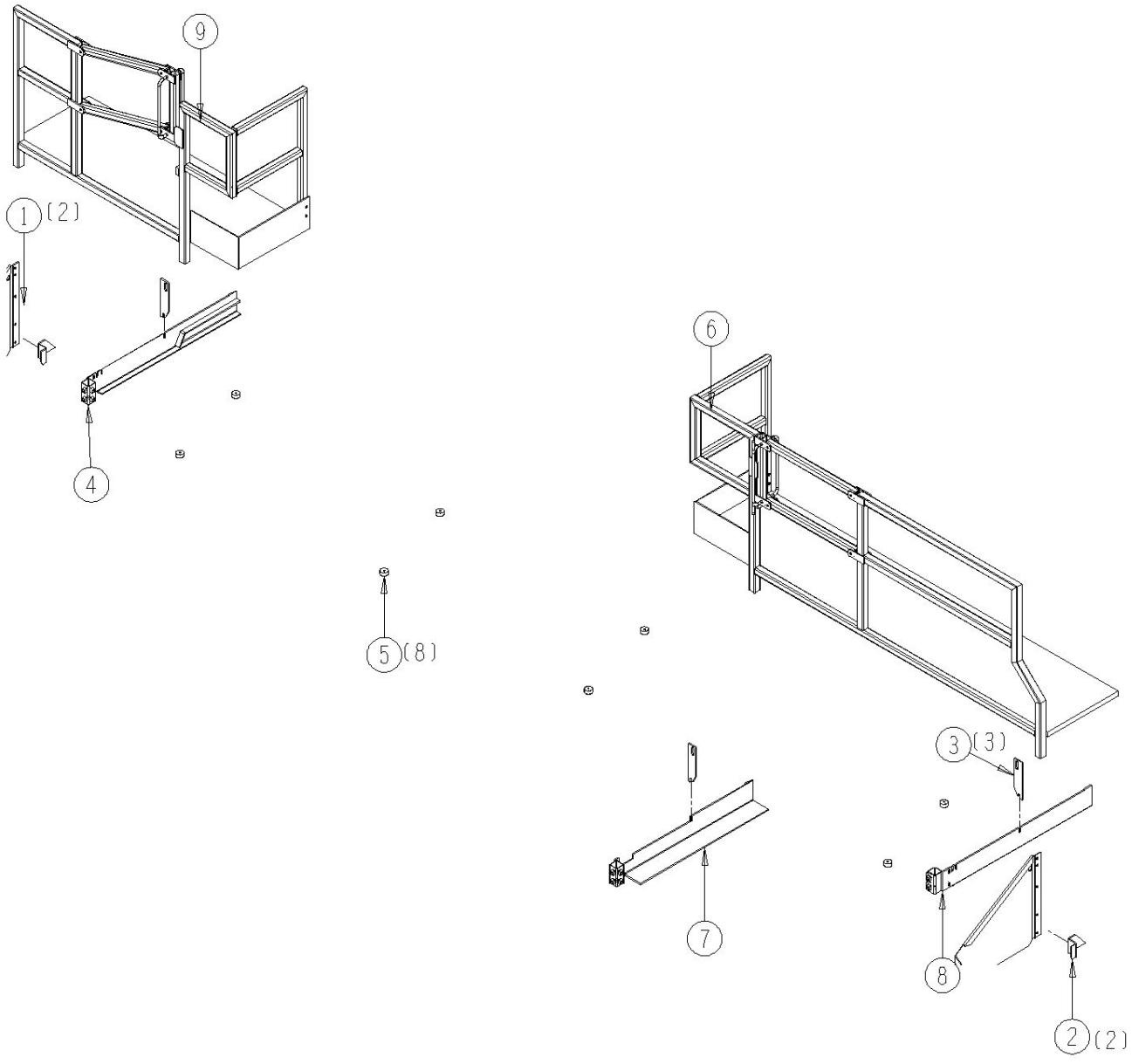
10010-11-04



10012-11-05E Outer Decking Assembly, Extendable Axle

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	194-727	Guard, Deck End (Rear and Front)	2	19401-	
2	BAR-0086	Latch, Handrail, 190 Harvester	2		
3	194-1402B	Deck Slide Lock	3	19401-	
4	BRA-0207	Rear Decking Bracket, Tubing, 190 Tomato	1		
5	194-1418	Rubber Bumper	8	19401	
6	STD-0011	Decking Rail, Outside, Extendable Axle, 190 Rear	1		
7	BRA-0205	Back Decking Bracket, Tubing, 190 Tomato	1		
8	BRA-0206	Front Decking Bracket, Tubing, 190 Tomato	1		
9	STD-0010	Decking Rail, Outside, Extendable Axle, 190 Front	1		
10	BRA-0219	Bracket, Rear Decking, Extendable Axle	1		
11	BRA-0220	Bracket, Rear Decking, Extendable Axle	1		

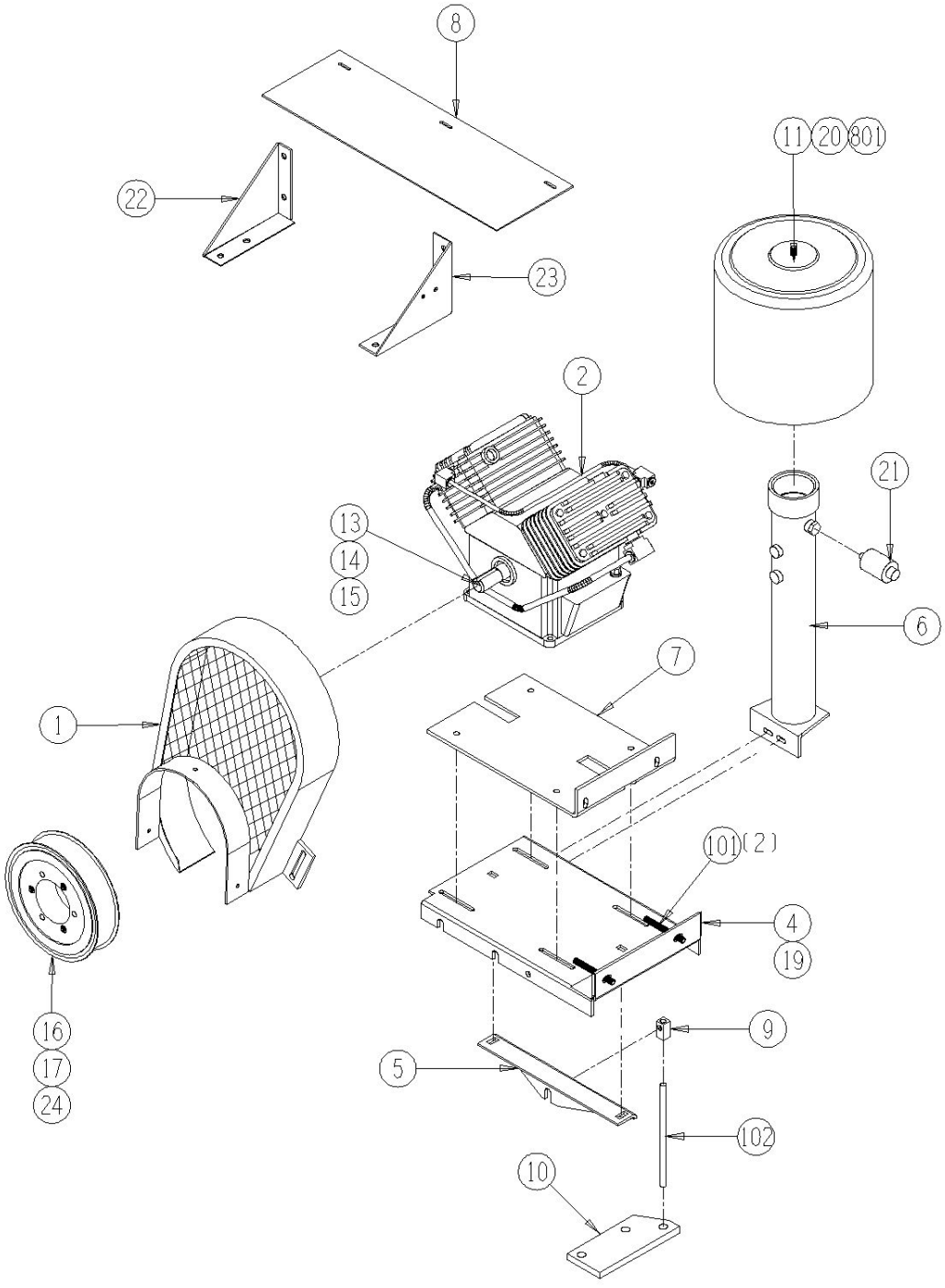
10012-11-05E



10010-12-01 Single Pump Air Compressor Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	110-1507	Air Compressor Shield	1	11001-	
2	AIR-1508	Air Compressor	1		
4	MOU-1513	Compressor Mount JU Series 190	1		
5	192-1509B	Mounting Tab, Air Compressor Mount	1	19201-	
6	MOU-0088	Air Intake, Filter Mount	1		
7	MOU-1512	JU Compressor Slide Plate	1		
8	BT-1507	Belting, Air Compressor Shield	1	11001-	
9	ADJ-1509	Adjuster, Air Compressor height stabilizer bracket	1	19701-	
10	BAR-1509	Tilting Adjuster Plate, Air Compressor Support	1	19701-	
11	AIR-1510	2 ½” Air Filter	1		
13	PIN-4-16-C	1/4” x 1” Coil Pin	1		
14	PU-2012-24	Taper Lock Bushing, 1 1/2”	1		
15	PU-42-8M-30-2012	HTD Pulley	1		
16	PU-80-8PTH-35-SF	Primary Weight Pulley, 35mm Wide, Panther Style	1		
17	PU-SF-18	Bushing, SF x 1 1/8”	1		
18	DC-1176	Decal, Danger-Hand Chain Sprockets	1		
19	DC-1506	Decal, White, Air Comp. Cap., 1qt SAE 30 Non Detergent, Tom	1	19801-	
20	DC-1506B	Decal,White:AIR FILTER-CLEAN DAILY BLOW	1	11001-	
21	AIR-1355	Air Filter Monitor(15# H2O) with O-Ring fitting	1		
22	194-1513A	Air Tank Bracket	1	19401-	
23	194-1513B	Bracket, Air Reservoir	1	19401-	
24	BT-1040-8M-30	HTD Belt (30mm)	1		
25	AIR-1516	Oil, SAE #30, Non Detergent	2		
101	BL-6-400-ST	3/8-16 x 4 Grade 5 Full Threaded Stud	2		
102	BL-6-800-SSST	3/8-16 x 8” SS Threaded Rod B8-Class 2	1		
801	AIR-1510A	Filter Element	0	AIR-1510	

10010-12-01

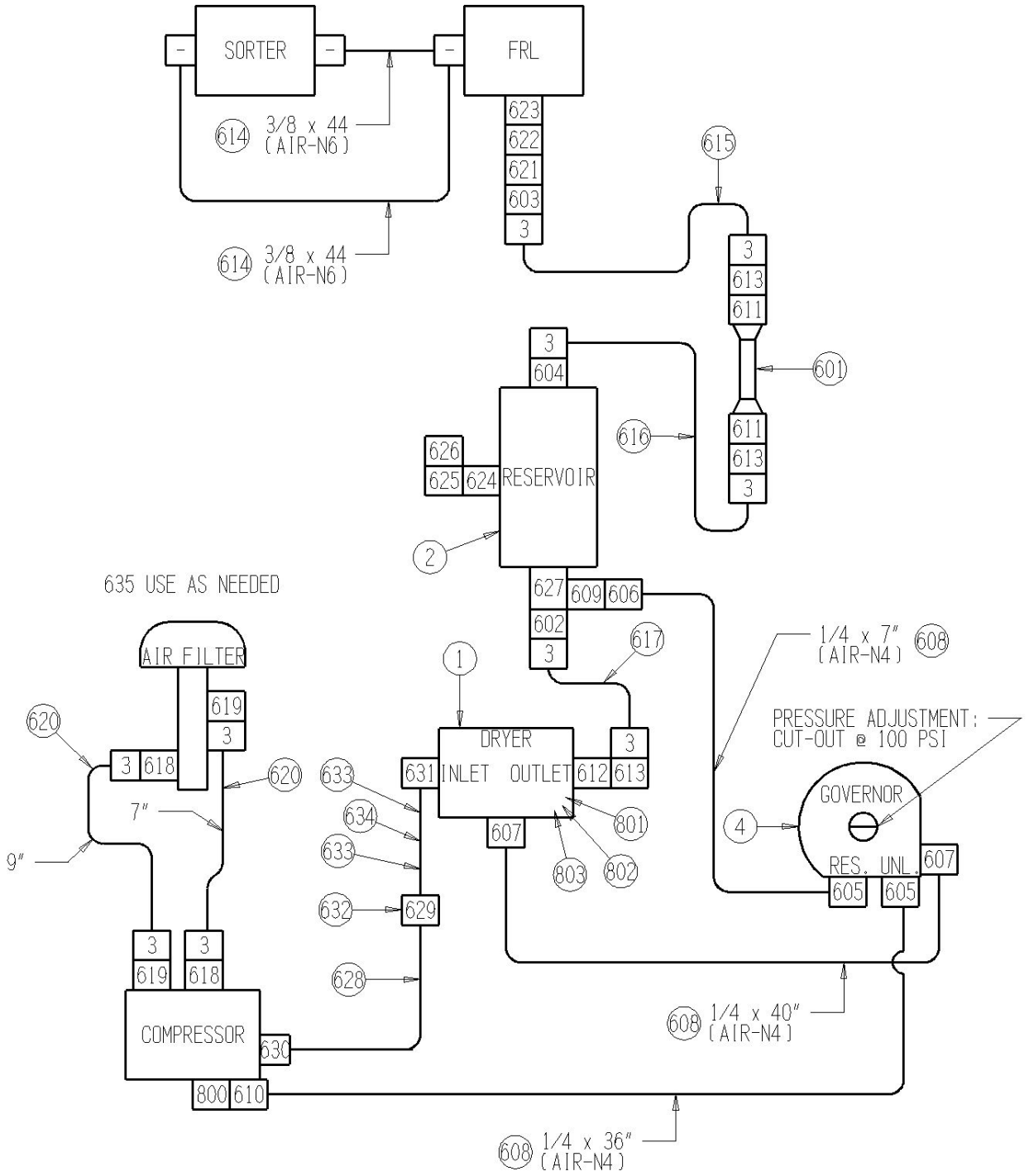


10010-12-02 Air Tank Assembly & Pneumatics

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	AIR-1514-M	Air Dryer	1		Will replace 110-1514 with minor modifiactions
2	AIR-1513	Air Reservoir Tank	1		
3	CL-16	1” Stainless Steel Gear Clamp	10		
4	AIR-1512	Air Compressor Governor	1		
601	H-T12	¾” Air Line	1		
602	A-4124-10-8	1/2 Male Pipe x 5/8 Push Loc	1		
603	A-4104-10-6	3/8 MP to 5/8 Hose Barb	1		
604	A-4129-10-8	1/2 NPT 90° w/ 5/8” push-loc	1		
605	AIR-N4-2	Auto-loc Male Adapter 1/4 x 1/8 NPT	2		
606	AIR-NL-4-4	Auto-loc Elbow 1/4 n 1/4 NPT	1		
607	AIR-PL-4-2	Male Elbow, 1/4 x 1/8NPT, Brass, D.O.T., Prestomatic	2		
608	AIR-N4	1/4”Nylon Tubing @ ft., Black	7		assembly personnel will monitor inventory
609	AB-8-4	1/2 x 1/4 Bushing	1		
610	AIR-60BI	Brass Insert, 1/4” Nylon Tube	1		
611	A-2403-12-10	¾” MJIC x 5/8” MJIC	2		
612	A-2501L-10-8	5/8MJIC x 1/2MP(Long)90°	1	19701-	
613	A-4121-10-10	5/8” Push Loc x 5/8” JIC Female	3		
614	AIR-N6	3/8” Nylon Tubing @ ft., Black	8		
615	H10-PL-130	5/8” Push Loc Hose 130”	1	19701-	
616	H10-PL-41	5/8” Push Loc Hose 41”	1		
617	H10-PL-51	5/8” Push Loc Hose 51”	1		
618	A-4109-12-8	1/2 MP to ¾ Hose Barb 90°	2		
619	A-4104-12-8	1/2 MP to ¾ Hose Barb	2		
620	H12C-4	¾” Suction Hose @ ft	1.333		
621	SRT-1579	3/8” Ball Valve	1		
622	A-5404-6-6	Hex Nipple, 3/8” x 3/8”	1		
623	A-1501-6-6	3/8” MP x 3/8” FPX90°	1		
624	AB-12-4	¾ x 1/4 Bushing	1		

625	A-5500-4	1/4” 90° Male Pipe Elbow	1	
626	AIR-375-25F	Air Coupler 3/8 Body - 1/4NPT Female Thread	1	
627	A-5602-8	Run Tee 1/2” NPT	1	
628	HSST-72-8-8	SS Braid Hose with Teflon Core 1/2” x 72”	1	
629	A-1405-8-8	1/2” NPT Coupler W/Swivel	1	
630	A-1503-8-8	Elbow, 1/2” MP X 1/2” FPX45°	1	
631	A-5405-8-12	Pipe Adapter 1/2 MPT x ¾ FPT	1	
632	H-18RFL	Hose Protection Shield, Size 18 @ Foot	1	
633	H13-RFL	Hose Protection Shield, Size 13	2	
634	H12-122-12MP-8MP	¾” Hose ¾”MP x 1/2”MP x 122” Long	1	
635	WT-17H	Heavy Duty Wire Tie 17.5”	10	
800	AIR-60	Brass Compression Sleeve, 1/4” Nylon Tube	1	
801	AIR-1514-M-A	Air Dryer Acc., Coalescing Filter Kit	1	AIR-1514-M
802	AIR-1514-M-B	Air Dryer Acc., Desiccant Filter Kit	1	AIR-1514-M
803	AIR-1514-M-C	Air Dryer Acc., Purge Valve Kit	1	AIR-1514-M

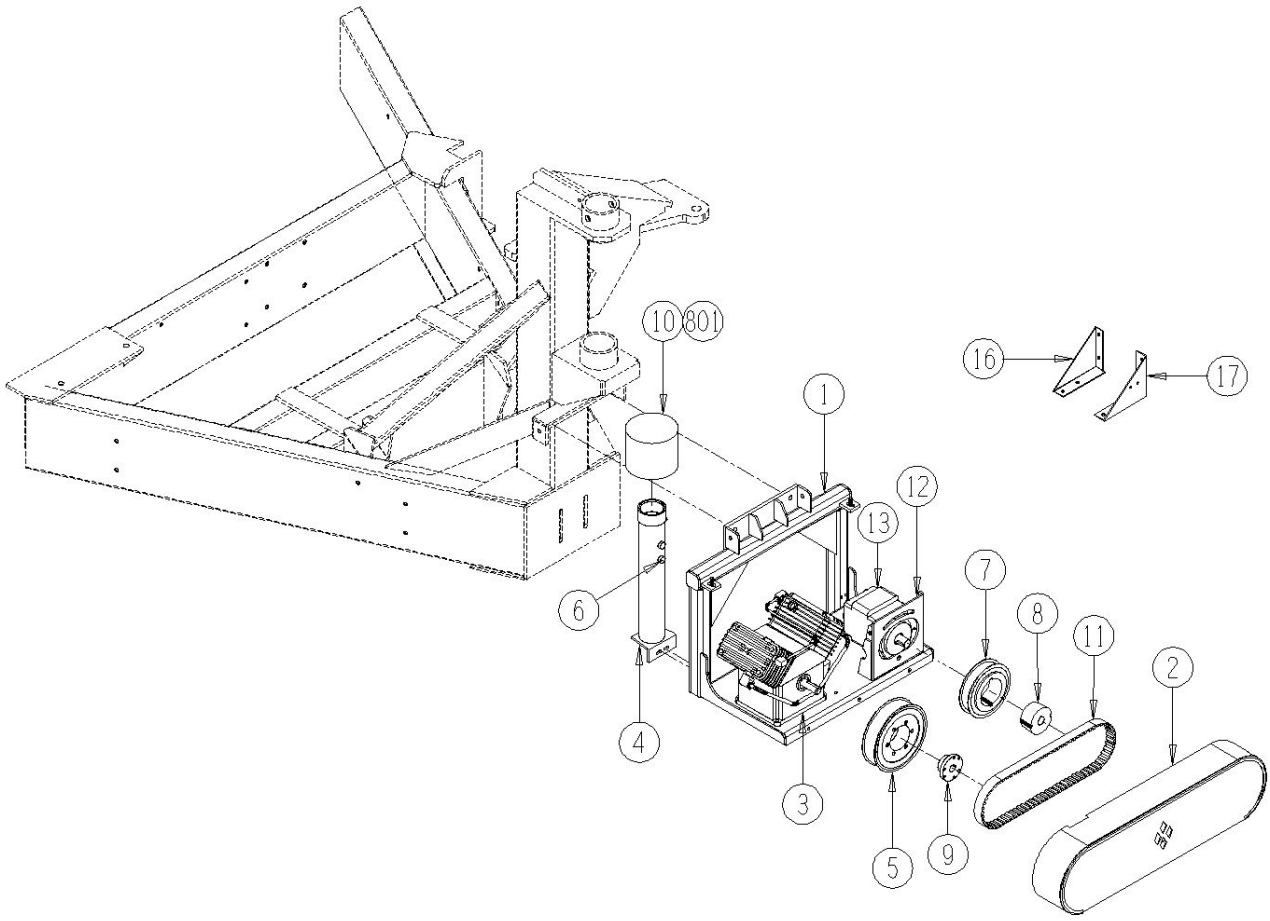
10010-12-02


SORTER
FRL
614 3/8 x 44 (AIR-N6)
614 3/8 x 44 (AIR-N6)
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RESERVOIR
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635 USE AS NEEDED
627
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602
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617
1/4 x 7" (AIR-N4) 608
AIR FILTER
619
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620
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620
633
634
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632
629
628
7"
9"
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DRYER
631 INLET OUTLET 612
3
613
607
801
803
802
PRESSURE ADJUSTMENT:
CUT-OUT @ 100 PSI
GOVERNOR
4
RES. UNL.
607
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605
3
619
3
618
COMPRESSOR
630
800
610
608 1/4 x 40" (AIR-N4)
608 1/4 x 36" (AIR-N4)

10010-12-03 Double Pump Air Compressor Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	MOU-1007	Air Compressor Mount, 190 Tomato Harvester	1		
2	SHD-0205	Pulley Shield, Air Compressor	1		
3	AIR-1508	Air Compressor	1		
4	MOU-0088	Air Intake, Filter Mount	1		
5	PU-80-8PTH-35-SF	Primary Weight Pulley, 35mm Wide, Panther Style	1		
6	AIR-1355	Air Filter Monitor(15# H2O) with O-Ring fitting	1		
7	PU-42-8M-30-2012	HTD Pulley	1		
8	PU-2012-16	Taperloc Bushing - 1” Bore	1		
9	PU-SF-18	Bushing, SF x 1 1/8”	1		
10	AIR-1510	2 ½” Air Filter	1		
11	BT-1280-8M-30	Primary Weight Drive Belt	1	19101	Can not replace with BT-390H100 belts unless all the pulleys are changed.
12	MOU-0204	Mount, Motor w/Tensioner, Air Compressor, HC 290	1		
13	HM-122	Motor, Hydraulic, 1-¾” Gear, #12 SAE Ports	1		
14	AIR-0001	Synthetic Compressor Oil (ISO 100 SAE 40): 1 quart bottle	2		
15	DC-8100	Decal,White, Use ISO100 SAE 40 Syn. Oil Only	1		
16	194-1513A	Air Tank Bracket	1	19401-	
17	194-1513B	Bracket, Air Reservoir	1	19401-	
801	AIR-1510A	Filter Element	0	AIR-1510	
802	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1		
803	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1		

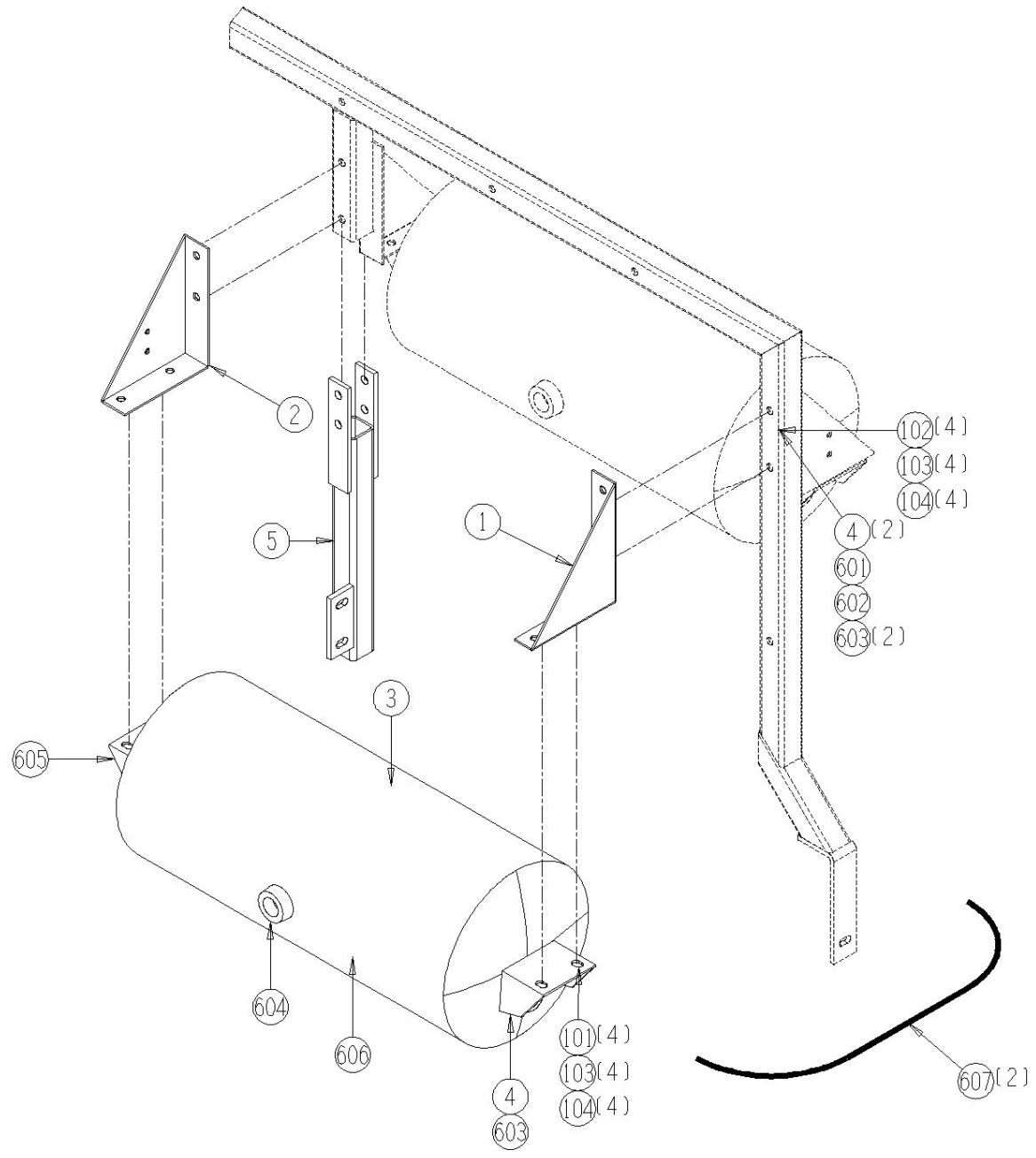
10010-12-03



10010-12-04 Opt. Second Air Tank Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	KIT-0203	2nd Air Tank 190	0	KIT-0203	
1	194-1513A	Air Tank Bracket	1	19401-	
2	194-1513B	Bracket, Air Reservoir	1	19401-	
3	AIR-1513	Air Reservoir Tank	1		
4	CL-16	1' Stainless Steel Gear Clamp	2		
5	AIR-0013	Bracket, Second Air Tank	1		
101	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
102	BL-6-225-H	3/8 UNC X 2 1/4 HH C/S BOLT GR5 ZINC	4		
103	BL-6-FW	3/8 USS FW ZC	8		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8		
601	A-5602-8	Run Tee 1/2' NPT	1		
602	A-4124-10-8	1/2 Male Pipe x 5/8 Push Loc	1		
603	A-4129-10-8	1/2 NPT 90− w/ 5/8' push-loc	2		
604	AP-12	ŧ' NPT Plug	2		
605	AP-8	1/2' Pipe Plug	1		
606	AP-4	1/4 MIP plug	1		
607	H10-PL	5/8' Push Loc Hose @ ft.	2		

10010-12-04


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KIT-0203

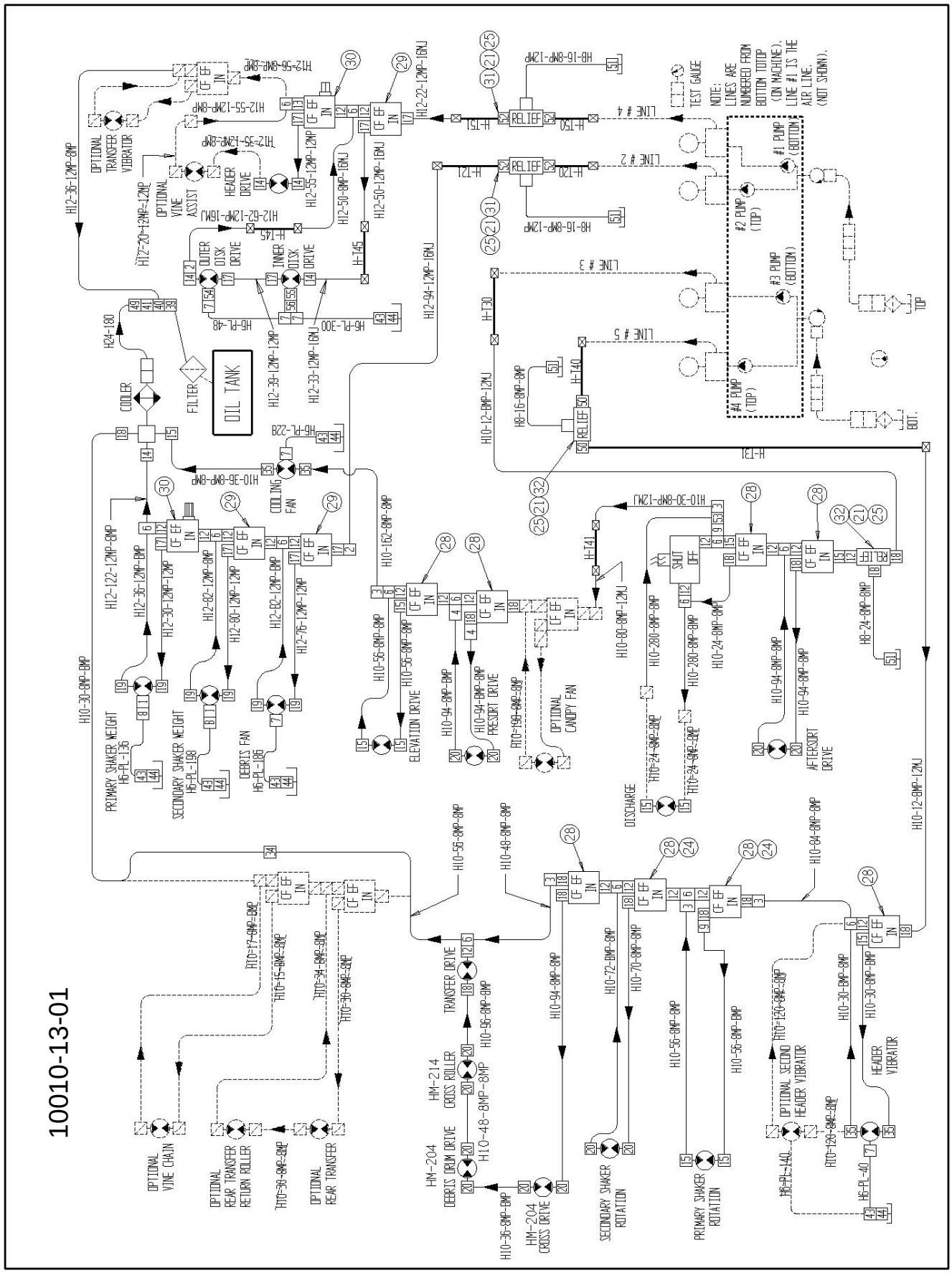
10010-13-01 Hydraulic Motor Plumbing Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	H10-12-8MP-12MJ	5/8 in hose 1/2MP X 3/4MJIC 12 in long	2		
0	H10-162-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 162 in long	1		
0	H10-24-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 24 in long	1		
0	H10-280-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 280” long	2		
0	H10-30-8MP-12MJ	5/8 in hose 1/2 MP x 3/4 MJIC x 30 in long	1		
0	H10-30-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 30 in long	3		
0	H10-36-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 36 in long	3		
0	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	2		
0	H10-56-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 56 in long	5		
0	H10-70-8MP-8MP	5/8 in. hose 1/2 x 1/2 x 70 in long	1		
0	H10-72-8MP-8MP	5/8 in. hose 1/2 x 1/2 x 72 in long	1		
0	H10-80-8MP-12MJ	5/8 in hose 1/2MP x 3/4MJIC x 80 in long	1		
0	H10-84-8MP-8MP	5/8 in hose 1/2 x 1/2 x 84 in long	1		
0	H10-94-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 94 in long	5		
0	H10-96-8MP-8MP	5/8 in hose 1/2 x 1/2 x 96 in long	1		
0	H12-122-12MP-8MP	3/4” Hose 3/4”MP x 1/2”MP x 122” Long	1		
0	H12-22-12MP-16MJ	3/4 in hose 3/4MP-1MJIC x 22 in long	1		
0	H12-30-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 30 in long	1		
0	H12-33-12MP-16MJ	3/4 in hose 3/4 MP x 1” MJIC x 33 in long	1		
0	H12-36-12MP-8MP	3/4 in hose 3/4MP x 1/2MP x 36 in long	2		
0	H12-39-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 39 in long	1		
0	H12-50-12MP-16MJ	3/4 in hose 3/4MP x 1MJIC x 50 in long	1		
0	H12-50-8MP-16MJ	3/4 in hose 1/2MP x 1MJIC x 50 in long	1		
0	H12-55-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 55 in long	1		
0	H12-55-12MP-8MP	3/4 in hose 3/4MP x 1/2MP x 55 in long	1		
0	H12-62-12MP-16MJ	3/4 in hose 3/4MP x 1MJIC x 62 in long	1		
0	H12-76-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 76 in long	1		

0	H12-80-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 80 in long	1		
0	H12-82-12MP-8MP	3/4 in hose 3/4MP x 1/2MP x 82 in long	2		
0	H12-94-12MP-16MJ	3/4 in hose 3/4MP x 1MJIC x 94 in long	1		
0	H24-180	1 1/2" Return hose 180"	1		
0	H6-PL-136	3/8" Push Loc Hose 136" (primary shaker)	1		
0	H6-PL-186	3/8" Push Loc Hose 186" (Debris Fan)	1		
0	H6-PL-198	3/8" Push Loc Hose 198" (Secondary Shaker)	1		
0	H6-PL-228	3/8" Push Loc Hose 228" (Cooling Fan)	1		
0	H6-PL-300	3/8" Push-Loc Hose 300"	1		
0	H6-PL-40	3/8" Push Loc Hose 40" (Vibrator)	1		
0	H6-PL-48	3/8" Push Loc Hose 48" (Reverse Kit)	1	HV-1045K	
0	H8-16-8MP-12MP	1/2 in hose 1/2MP x 3/4MP x 16 in long	2		
0	H8-16-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 16 in long	1		
0	H8-24-8MP-8MP	1/2 in hose 1/2MPx 1/2MP x 24 in long	1		
0	H-T20	Hyd Tube #2 Front 1" dia.	1	19401-	
0	H-T21	Hyd Tube #2 Main 1" dia	1	19401	
0	H-T30	Hyd Tube #3 Front 3/4" dia	1	19401-	
0	H-T31	Hyd Tube #3 Main 3/4"	1	19401	
0	H-T40	Hyd Tube #4 Front 3/4" dia	1	19401-	
0	H-T41	Hyd Tube #4 Main 3/4" dia	1	19401-	
0	H-T45	Tubing, Hydraulic, Header Tube	2	19501-	Replaces H-T44(except <19501)
0	H-T50	Hyd Tube #5 Front 1" dia	1	19401-	
0	H-T51	Hyd Tube, #5 Main 1" dia	1	19401-	
1	A-1404-4-4	1/4 MP x 1/4 FPX	2		
2	A-1501-12-12	3/4MP x 3/4 FPX 90°	2		
3	A-1501-8-8	1/2 MP x 1/2 FPX90°	6		
4	A-1503-8-8	Elbow, 1/2" MP X 1/2" FPX45°	2		
5	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
6	A-1603-8-8-8	Swivel T 1/2" NPTF	14		
7	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	6		
8	A-4129-6-4	1/4" NPT 90° w/3/8" Push-Loc	2		

9	A-5404-8-8	Hex Nipple 1/2” x 1/2”	2		
10	A-6400-12-10	3/4” MJIC X 10 SAE	2		
11	A-6400-16-12	1” MJIC X 12 SAE	4		
12	A-6401-10-8	10 SAE x 1/2 MPT Male	21		
13	A-6806-10-8	10 SAE x 1/2” MP 90°	1		
14	A-6900-10-12	10 SAE x 3/4 FPX	5		
15	A-6900-10-8	10 SAE x 1/2 FPX	13		
17	A-6901-10-12	10 SAE x 3/4 FPX90° , Forged	9		
18	A-6901-10-8	10 SAE x 1/2 FPX90° , Forged	16		
19	A-6901-12-12	12 SAE x 3/4” FPX 90° , Forged	6		
20	A-6902-10-8	10 SAE X 1/2” FPX 45°	12		
21	BAR-2011	Bar, Security Copper Wire Seal	4		relief lock
22	HA-1071-H	Hydra-zorb Tube Clamp 1” (3 pc.)	2	19401-	
23	HA-1072-H	Hydra-zorb Tube Clamp 3/4” (3 pc.)	3	19401-	
24	HA-1090K	Fine Tune Speed Control Kit	2	Prince & Brand Flow Controls	All
25	HA-2011	Copper Wire Security Seals	4		
28	HV-FL16	Flow control valve 16GPM	8		
29	HV-FL30	Flow Control Valve 30GPM	3		
30	HV-FL30-R	Hydraulic Flo Control Valve with Relief 30GPM	2		
31	HV-RV-1H	Relief valve w/ SAE #12 ports	2		
32	HV-RV-3H	Relief Valve w/ SAE #10 Ports	2		
33	STP-FL30	Stop, Flow Control	1	19101-	
34	A-1405-8-8	1/2” NPT Coupler W/Swivel	1		
35	A-6901-12-8	12 SAE x 1/2” FPX 90° , Forged	4		
36	H13-RFL	Hose Protection Shield, Size 13	10		
37	H-18RFL	Hose Protection Shield, Size 18 @ Foot	10		
38	WT-17H	Heavy Duty Wire Tie 17.5”	60		
39	HV-900A	Electronic Valve (Discharge conveyor)	1		
39	AN-24-CL	1 1/2” Black (Nipple Close)	1		
40	AT-24-24-12	1 1/2 x 1 1/2 x 3/4 Black Tee	1		

41	AN-24-24-HS	1 1/2” Male NPT with Combination 1-1/2” Hose Barb	1	
43	A-4124-6-6	3/8 Male Pipe x 3/8 Push Loc	6	
44	A-6900-8-6	8 SAE x 3/8” FPX With 7/8” Stock Body	6	20095001-
45	HA-1007	Hydraulic, Magnetic Drain Plug	1	11101-
47	A-6408-10	10 SAE Plug	1	
49	CL-200-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	2	1 1/2” Suction Hose
50	A-2404-12-8	$3/4$” MJIC X 1/2” MP	2	
51	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	4	
52	A-2404-16-12	1” MJIC X $3/4$” MP	4	
53	ASL-24	1 1/2 ST ELL, Domestic Only	1	
54	A-6901-4-4	4 SAE X 1/4 FPX 90° , Forged	1	
55	A-6401-4-4	4 SAE x 1/4”MP	1	
56	A-5605-4	1/4” Pipe Tee	1	
57	A-6900-12-12	12 SAE x $3/4$”FPX	2	


10010-13-01
OIL TANK
FILTER
COOLER
H24-180
H12-36-12MP-8MP
OPTIONAL TRANSFER VIBRATOR
H12-56-8MP-8MP
H12-55-12MP-12MP
H12-35-12MP-8MP
OPTIONAL VINE ASSIST
H12-20-12MP-12MP
H12-62-12MP-16MJ
HEADER DRIVE
H12-50-8MP-16MJ
H12-50-12MP-16MJ
H12-22-12MP-16MJ
H-145
OUTER DISK DRIVE
INNER DISK DRIVE
H6-PL-48
H6-PL-300
H12-39-12MP-12MP
H12-33-12MP-16MJ
H12-94-12MP-16MJ
H-121
H-150
H-120
H-130
H-140
H8-16-8MP-12MP
RELIEF
LINE # 4
LINE # 2
LINE # 3
LINE # 5
TEST GAUGE
NOTE: LINES ARE NUMBERED FROM BOTTOM TO TOP (ON MACHINE). LINE #1 IS THE AIR LINE. (NOT SHOWN).
#1 PUMP (BOTTOM)
#2 PUMP (TOP)
#3 PUMP (BOTTOM)
#4 PUMP (TOP)
TOP
BOT.
H10-12-8MP-12MJ
H-131
H6-PL-228
H10-36-8MP-8MP
COOLING FAN
H10-30-8MP-8MP
H12-122-12MP-8MP
H12-30-12MP-12MP
H12-82-12MP-8MP
H12-80-12MP-12MP
H12-82-12MP-8MP
H12-76-12MP-12MP
PRIMARY SHAKER WEIGHT H6-PL-136
SECONDARY SHAKER WEIGHT H6-PL-198
DEBRIS FAN H6-PL-186
H10-162-8MP-8MP
H10-56-8MP-8MP
H10-56-8MP-8MP
ELEVATION DRIVE
H10-94-8MP-8MP
H10-94-8MP-8MP
PRESORT DRIVE
H10-194-8MP-8MP
OPTIONAL CANOPY FAN
H10-30-8MP-12MJ
H10-80-8MP-12MJ
H10-280-8MP-8MP
H10-280-8MP-8MP
H10-24-8MP-8MP
H8-24-8MP-8MP
H10-94-8MP-8MP
H10-94-8MP-8MP
AFTERSORT DRIVE
H10-24-8MP-8MP
H10-24-8MP-8MP
DISCHARGE
H10-56-8MP-8MP
H10-48-8MP-8MP
H10-64-8MP-8MP
H10-12-8MP-12MJ
H10-17-8MP-8MP
H10-15-8MP-8MP
H10-34-8MP-8MP
H10-36-8MP-8MP
TRANSFER DRIVE
H12-6
HM-214 CROSS ROLLER
H10-48-8MP-8MP
H10-56-8MP-8MP
HM-204 DEBRIS DRUM DRIVE
H10-36-8MP-8MP
HM-204 CROSS DRIVE
H10-94-8MP-8MP
H10-72-8MP-8MP
H10-70-8MP-8MP
SECONDARY SHAKER ROTATION
H10-56-8MP-8MP
H10-56-8MP-8MP
PRIMARY SHAKER ROTATION
H10-30-8MP-8MP
H10-30-8MP-8MP
H10-120-8MP-8MP
OPTIONAL SECOND HEADER VIBRATOR
H6-PL-140
H10-120-8MP-8MP
H6-PL-40
HEADER VIBRATOR
OPTIONAL VINE CHAIN
OPTIONAL REAR TRANSFER RETURN ROLLER
OPTIONAL REAR TRANSFER

10010-13-02 Double Pump Hydraulic Motor Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	H10-12-8MP-12MJ	5/8 in hose 1/2MP X 3/4MJIC 12 in long	2		
0	H10-24-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 24 in long	1		
0	H10-280-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 280” long	2		
0	H10-30-8MP-12MJ	5/8 in hose 1/2 MP x 3/4 MJIC x 30 in long	1		
0	H10-30-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 30 in long	3		
0	H10-36-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 36 in long	3		
0	H10-480-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 480 in long	1	`	
0	H10-56-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 56 in long	3		
0	H10-70-8MP-8MP	5/8 in. hose 1/2 x 1/2 x 70 in long	1		
0	H10-72-8MP-8MP	5/8 in. hose 1/2 x 1/2 x 72 in long	1		
0	H10-80-8MP-12MJ	5/8 in hose 1/2MP x 3/4MJIC x 80 in long	1		
0	H10-84-8MP-8MP	5/8 in hose 1/2 x 1/2 x 84 in long	1		
0	H10-94-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 94 in long	5		
0	H10-96-8MP-8MP	5/8 in hose 1/2 x 1/2 x 96 in long	1		
0	H12-122-12MP-8MP	3/4” Hose 3/4”MP x 1/2”MP x 122” Long	1		
0	H12-22-12MP-16MJ	3/4 in hose 3/4MP-1MJIC x 22 in long	1		
0	H12-30-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 30 in long	1		
0	H12-36-12MP-8MP	3/4 in hose 3/4MP x 1/2MP x 36 in long	2		
0	H12-50-12MP-16MJ	3/4 in hose 3/4MP x 1MJIC x 50 in long	1		
0	H12-50-8MP-16MJ	3/4 in hose 1/2MP x 1MJIC x 50 in long	1		
0	H12-55-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 55 in long	1		
0	H12-62-12MP-16MJ	3/4 in hose 3/4MP x 1MJIC x 62 in long	1		
0	H12-76-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 76 in long	1		
0	H12-80-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 80 in long	1		
0	H12-82-12MP-8MP	3/4 in hose 3/4MP x 1/2MP x 82 in long	2		
0	H24-180	1 1/2” Return hose 180”	2		
0	H40-S-270	2-1/2” Suction Hose 270” long	2		

0	H6-PL-136	3/8” Push Loc Hose 136” (primary shaker)	1		
0	H6-PL-186	3/8” Push Loc Hose 186” (Debris Fan)	1		
0	H6-PL-198	3/8” Push Loc Hose 198” (Secondary Shaker)	1		
0	H6-PL-228	3/8” Push Loc Hose 228” (Cooling Fan)	1		
0	H6-PL-300	3/8” Push-Loc Hose 300”	1		
0	H6-PL-40	3/8” Push Loc Hose 40” (Vibrator)	1		
0	H6-PL-48	3/8” Push Loc Hose 48” (Reverse Kit)	1	HV-1045K	
0	H8-16-8MP-12MP	1/2 in hose 1/2MP x 3/4MP x 16 in long	2		
0	H8-16-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 16 in long	1		
0	H8-24-8MP-8MP	1/2 in hose 1/2MPx 1/2MP x 24 in long	1		
0	HP-1031	Hydraulic oil (per gal.}with anti-wear and anti-foam properties	140		ISO grade 46 with anti-wear and anti-foam properties. Harvesters, Approx. 140 gal
0	H-T20	Hyd Tube #2 Front 1” dia.	1	19401-	
0	H-T21	Hyd Tube #2 Main 1” dia	2	19401	
0	H-T30	Hyd Tube #3 Front 3/4” dia	1	19401-	
0	H-T31	Hyd Tube #3 Main 3/4”	1	19401	
0	H-T40	Hyd Tube #4 Front 3/4” dia	1	19401-	
0	H-T41	Hyd Tube #4 Main 3/4” dia	2	19401-	
0	H-T45	Tubing, Hydraulic, Header Tube	2	19501-	Replaces H-T44(except <19501)
0	H-T50	Hyd Tube #5 Front 1” dia	1	19401-	
0	H-T51	Hyd Tube, #5 Main 1” dia	1	19401-	
1	A-1404-4-4	1/4 MP x 1/4 FPX	2		
2	A-1501-12-12	3/4MP x 3/4 FPX 90°	2		
3	A-1501-8-8	1/2 MP x 1/2 FPX90°	4		
4	A-1503-8-8	Elbow, 1/2” MP X 1/2” FPX45°	2		
5	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	0		
6	A-1603-8-8-8	Swivel T 1/2” NPTF	15		
7	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	6		
8	A-4129-6-4	1/4” NPT 90° w/3/8” Push-Loc	2		
9	A-5404-8-8	Hex Nipple 1/2” x 1/2”	2		
10	A-6400-12-10	3/4” MJIC X 10 SAE	2		

11	A-6400-16-12	1” MJIC X 12 SAE	4		
12	A-6401-10-8	10 SAE x 1/2 MPT Male	19		
13	A-6806-10-8	10 SAE x 1/2” MP 90°	1		
14	A-6900-10-12	10 SAE x 3/4 FPX	7		
15	A-6900-10-8	10 SAE x 1/2 FPX	14		
17	A-6901-10-12	10 SAE x 3/4 FPX90° , Forged	10		
18	A-6901-10-8	10 SAE x 1/2 FPX90° , Forged	18		
19	A-6901-12-12	12 SAE x 3/4” FPX 90° , Forged	6		
20	A-6902-10-8	10 SAE X 1/2” FPX 45°	12		
21	BAR-2011	Bar, Security Copper Wire Seal	6		relief lock
22	HA-1071-H	Hydra-zorb Tube Clamp 1” (3 pc.)	9	19401-	
23	HA-1072-H	Hydra-zorb Tube Clamp 3/4” (3 pc.)	12	19401-	
24	HA-1090K	Fine Tune Speed Control Kit	2	Prince & Brand Flow Controls	All
25	HA-2011	Copper Wire Security Seals	6		
28	HV-FL16	Flow control valve 16GPM	5		
29	HV-FL30	Flow Control Valve 30GPM	6		
30	HV-FL30-R	Hydraulic Flo Control Valve with Relief 30GPM	2		
31	HV-RV-1H	Relief valve w/ SAE #12 ports	4		
32	HV-RV-3H	Relief Valve w/ SAE #10 Ports	2		
33	STP-FL30	Stop, Flow Control	1	19101-	
34	A-1405-8-8	1/2” NPT Coupler W/Swivel	1		
35	A-6901-12-8	12 SAE x 1/2” FPX 90° , Forged	4		
36	H13-RFL	Hose Protection Shield, Size 13	10		
37	H-18RFL	Hose Protection Shield, Size 18 @ Foot	10		
38	WT-17H	Heavy Duty Wire Tie 17.5”	60		
39	HV-900A	Electronic Valve (Discharge conveyor)	1		
39	A-6900-12-8	12 SAEx 1/2” FPX	0		
40	ATB-06-06-06	3/8” x 3/8” x 3/8” Brass Hose Barb Tee	0		CL-10 needs to be used with this tee.
42	A-4603-24-24	1 1/2 x 24 SAE 45° Male O-Ring Beaded Insert	0		
43	A-4124-6-6	3/8 Male Pipe x 3/8 Push Loc	7		

44	A-6900-8-6	8 SAE x 3/8” FPX With 7/8” Stock Body	7	20095001-
45	HA-1007	Hydraulic, Magnetic Drain Plug	1	11101-
47	A-6408-10	10 SAE Plug	4	
49	CL-200-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	8	1 1/2” Suction Hose
50	A-2404-12-8	3/4” MJIC X 1/2” MP	2	
51	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	6	
52	A-2404-16-12	1” MJIC X 3/4” MP	4	
53	ASL-24	1 1/2 ST ELL, Domestic Only	0	
54	A-6901-4-4	4 SAE X 1/4 FPX 90° , Forged	1	
55	A-6401-4-4	4 SAE x 1/4”MP	1	
56	A-5605-4	1/4” Pipe Tee	1	
57	A-6900-12-12	12 SAE x 3/4”FPX	2	
58	AN-24-24-HS	1 1/2” Male NPT with Combination 1-1/2” Hose Barb	0	
59	AN-24-CL	1 1/2” Black (Nipple Close)	0	
60	AB-40-24	2 1/2 x 1 1/2 Black Hexagon Bushing	0	
61	AT-40-40-40	2 1/2 x 2 1/2 x 2 1/2 Black Tee	0	
62	A-6901-12-12-4PT	12 SAE x 3/4” FPX 90 W/1/4” port, Forged	2	
64	A-6901-10-8-4SAE	10 SAE x 1/2 FPX90° W/ 4SAE Port, Forged	4	
65	ASL-4	1/4” Black Street Elbow	2	
66	HA-1004-T	Test Point Plug, 1/4” NPT	2	
67	HA-1004-4	Test Point Plug #4 SAE Thread	4	
68	CL-249-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	8	2 1/2” Suction Hose
70	A-4444-32-32	2” Male Pipe Hose Barb	2	
72	AN-32-40-HS	2” NPTx 2½” ID Hose, Combination Nipple/Hose Shank	2	
73	TAN-8103	Tank,Oil Return Manifold, HC 290 (Single Cooler)	1	
74	A-4450-24-24	Suction Flange Nipple, 1 1/2”	1	
75	A-SFK-24	1 1/2” Split Flange Kit	2	
76	CL-200	1½” Hose Clamp, Heavy Duty T-Bar, 1.89-2.00”	4	1-1/2” I.D. Suction Hose
77	A-6900-16-16	16 SAE x 1”FPX	1	
78	AN-24-32-HS	1 1/2” Male NPT with Combination 2” Hose Barb	3	

79	CL-225	2 1/4” T-Bolt Clamp	3
80	A-6405-24-24	24 SAE x 1 1/2 FP	1
81	A-6401-24-24	24 SAE x 1 1/2 MP	1
82	AT-24-24-24	1 1/2 x 1 1/2 x 1 1/2 Black Tee	1
83	ASL-24C	1⅞”, Street Elbow, Domestic Only, Cast	1
84	BAR-0115	Hose Holder Bracket, 190 Harvester	1
801	HP-1030	Hydraulic Oil Sample Kit	1

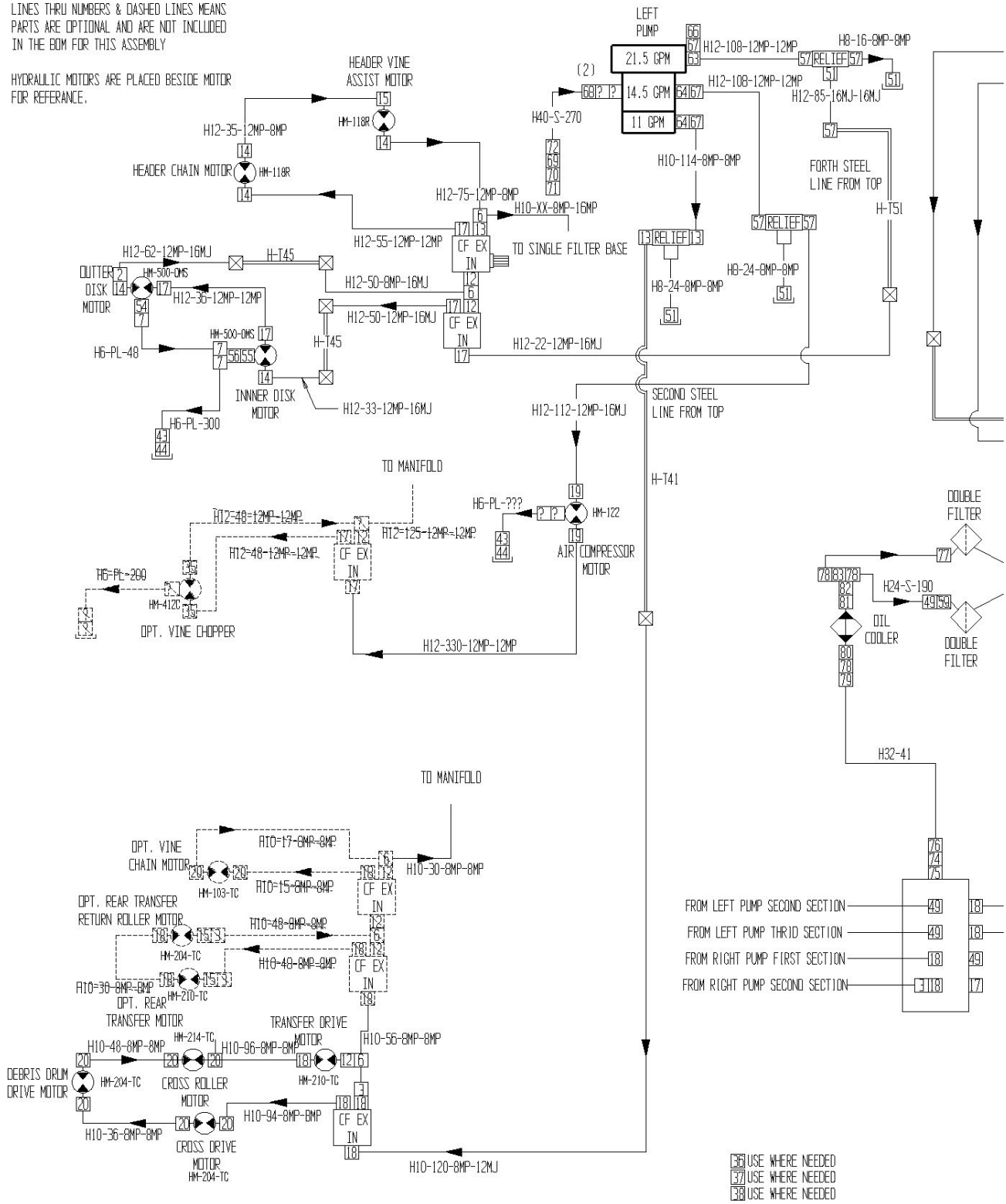
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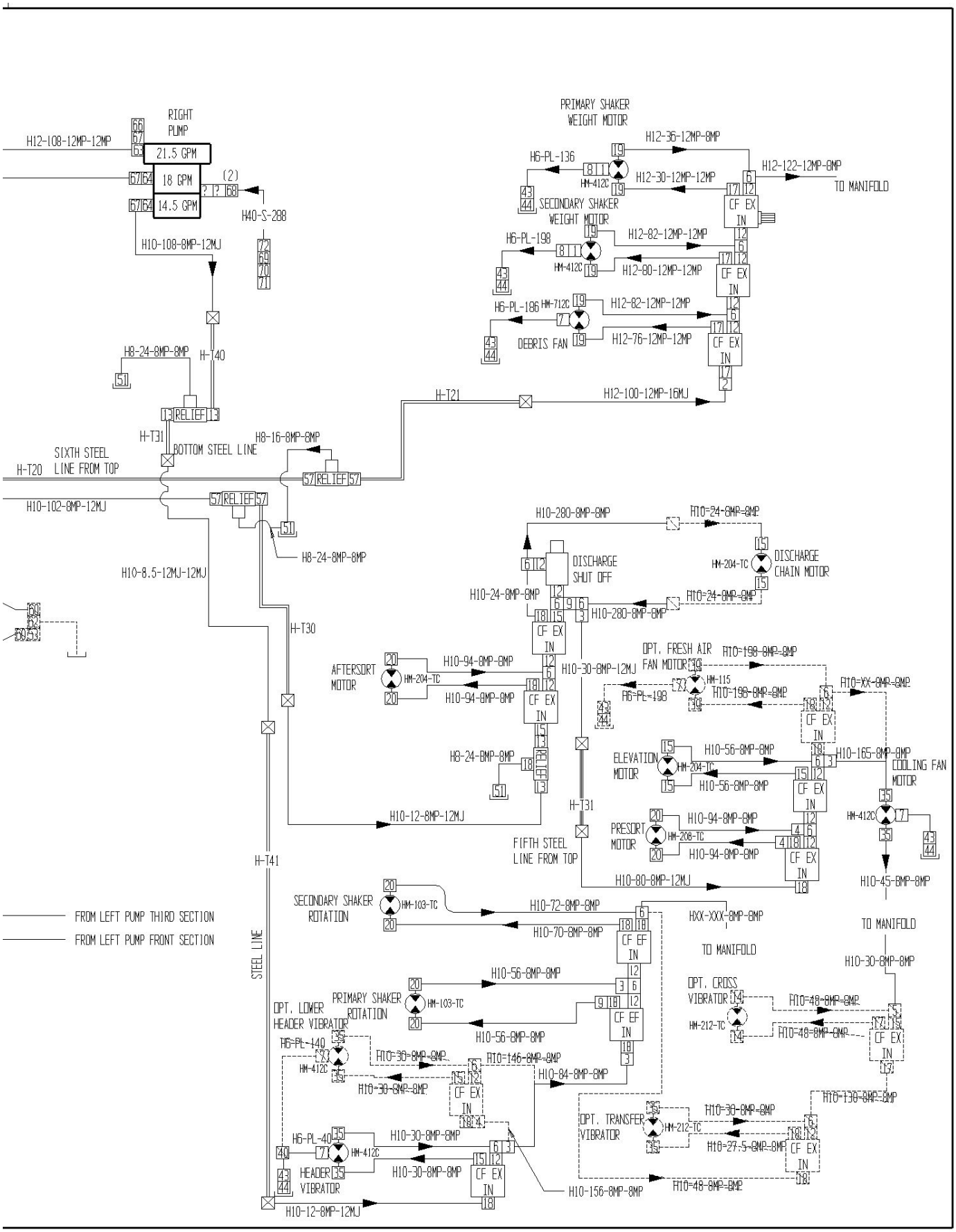
1. ALL CASE DRAIN HOSES NEED TO BE PLUMBED (LOOPED) HIGHER THAN THE MOTOR.

2. LINES THRU NUMBERS & DASHED LINES MEANS PARTS ARE OPTIONAL AND ARE NOT INCLUDED IN THE BOM FOR THIS ASSEMBLY

3. HYDRAULIC MOTORS ARE PLACED BESIDE MOTOR FOR REFERANCE.

10010-13-02

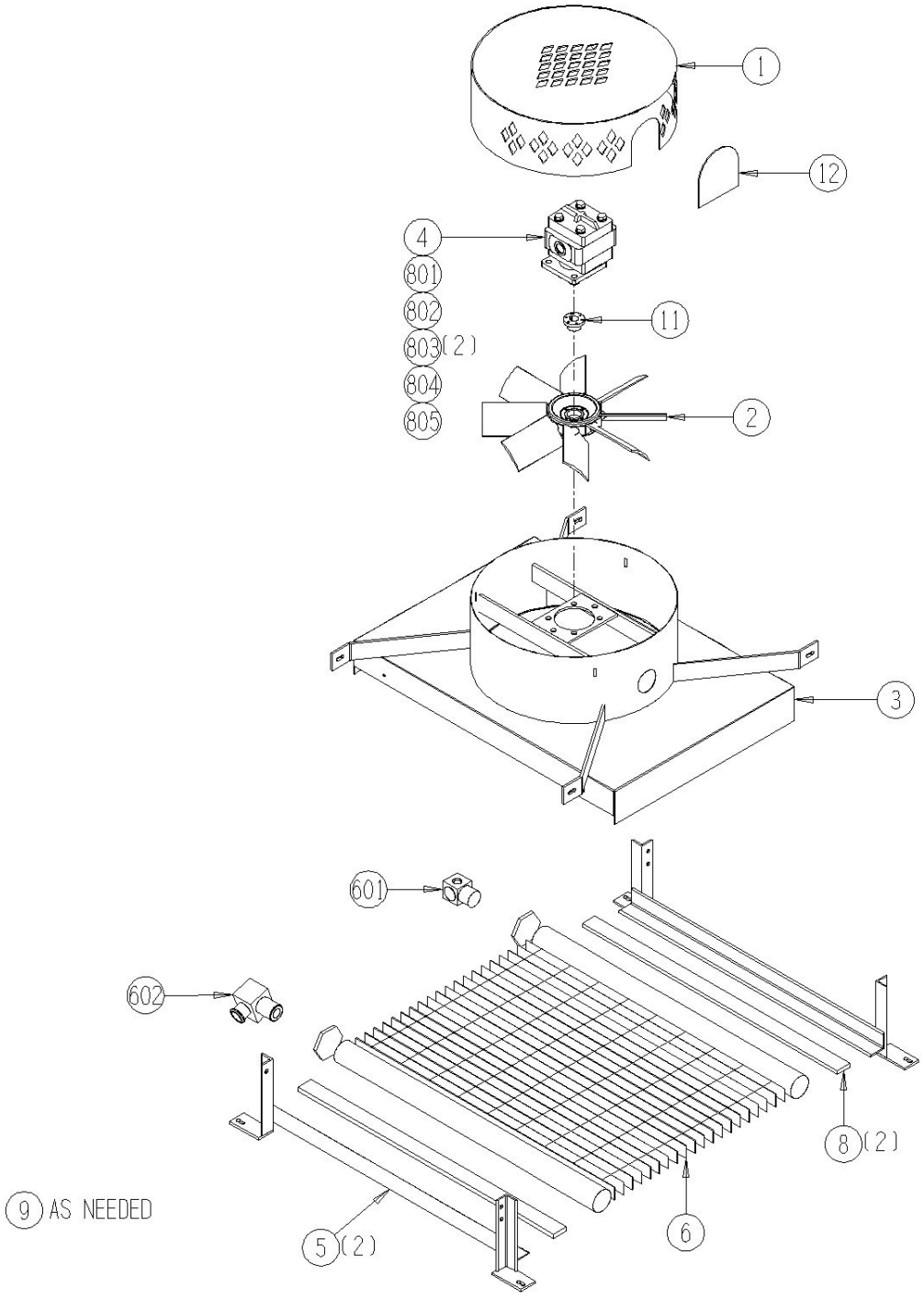



RIGHT PUMP
21.5 GPM
18 GPM
14.5 GPM
H12-108-12MP-12MP
H10-108-8MP-12MJ
H40-S-288
H8-24-8MP-8MP
H-T40
RELIEF
H-T31
BOTTOM STEEL LINE
SIXTH STEEL LINE FROM TOP
H-T20
H8-16-8MP-8MP
H-T21
H12-100-12MP-16MJ
H10-102-8MP-12MJ
H10-8.5-12MJ-12MJ
H-T30
H-T41
STEEL LINE
PRIMARY SHAKER WEIGHT MOTOR
H12-36-12MP-8MP
H6-PL-136
HM-412C
H12-30-12MP-12MP
H12-122-12MP-8MP
TO MANIFOLD
SECONDARY SHAKER WEIGHT MOTOR
H6-PL-198
H12-82-12MP-12MP
H12-80-12MP-12MP
H6-PL-186
HM-712C
DEBRIS FAN
H12-76-12MP-12MP
CF EX IN
H10-280-8MP-8MP
H10-24-8MP-8MP
DISCHARGE SHUT OFF
HM-204-TC
DISCHARGE CHAIN MOTOR
AFTERSORT MOTOR
H10-94-8MP-8MP
H10-30-8MP-12MJ
OPT. FRESH AIR FAN MOTOR
HM-115
H10-198-8MP-8MP
H10-XX-8MP-8MP
ELEVATION MOTOR
H10-56-8MP-8MP
H10-165-8MP-8MP
COOLING FAN MOTOR
HM-412C
PRESORT MOTOR
HM-208-TC
FIFTH STEEL LINE FROM TOP
H10-80-8MP-12MJ
H10-45-8MP-8MP
SECONDARY SHAKER ROTATION
HM-103-TC
H10-72-8MP-8MP
H10-70-8MP-8MP
HXX-XXX-8MP-8MP
TO MANIFOLD
H10-30-8MP-8MP
OPT. CROSS VIBRATOR
HM-212-TC
H10-48-8MP-8MP
PRIMARY SHAKER ROTATION
OPT. LOWER HEADER VIBRATOR
H6-PL-140
H10-146-8MP-8MP
H10-84-8MP-8MP
H6-PL-40
HEADER VIBRATOR
H10-156-8MP-8MP
OPT. TRANSFER VIBRATOR
H10-27.5-8MP-8MP
H10-12-8MP-12MJ
FROM LEFT PUMP THIRD SECTION
FROM LEFT PUMP FRONT SECTION

10010-13-03 Oil Cooler Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-1082	Shield, Cooling Fan	1		
2	FAN-290-18	HC 290 Oil Cooler Fan, 18” w/o JA Bushing/Rev	1		Replaces FAN-190-18 & HA-1019-G
3	110-1016	Oil Cooler Shroud	1		
4	HM-1020	Cooling Fan Motor	1	19201-	When installing on '90 and '91 machines must be accompanied by fan blade 192-1019
5	110-1017	Mount, Oil Cooler Support	2		
6	HA-1016	Hydraulic Oil Cooler Radiator w/o Mounting Kit & w/ SAE24 Ports	1		Replaces HA-1015
8	RS-100	Rubber Oil Cooler Damper, .500 x 1.75 x 35.5	2	19401-	
9	WT-17H	Heavy Duty Wire Tie 17.5”	8		
11	PU-JA-16	Bushing, JA x 1”	1		
12	191-1083	Slot Cover, 190 Fan Shroud	1		
601	A-WF-24-10-3	24 SAE Male O-Ring w/ (3) #10 SAE Ports	1		
602	A-4603-24-24	1 1/2 x 24 SAE 45° Male O-Ring Beaded Insert	1		
802	HM-0381	Ball Bearing, Motor	1	HM-1020	
803	HM-2585	Ring Seal, Commercial Motor	2	HM-1020	
804	HM-2686	Snap Ring, Commercial Motor	1	HM-1020	
805	HM-1801	Seal Kit for Commercial Intertech	1	P20 & M20 Series	Includes:(1) Length of HM-2882,(1)HM-2883,(2)HM-2884

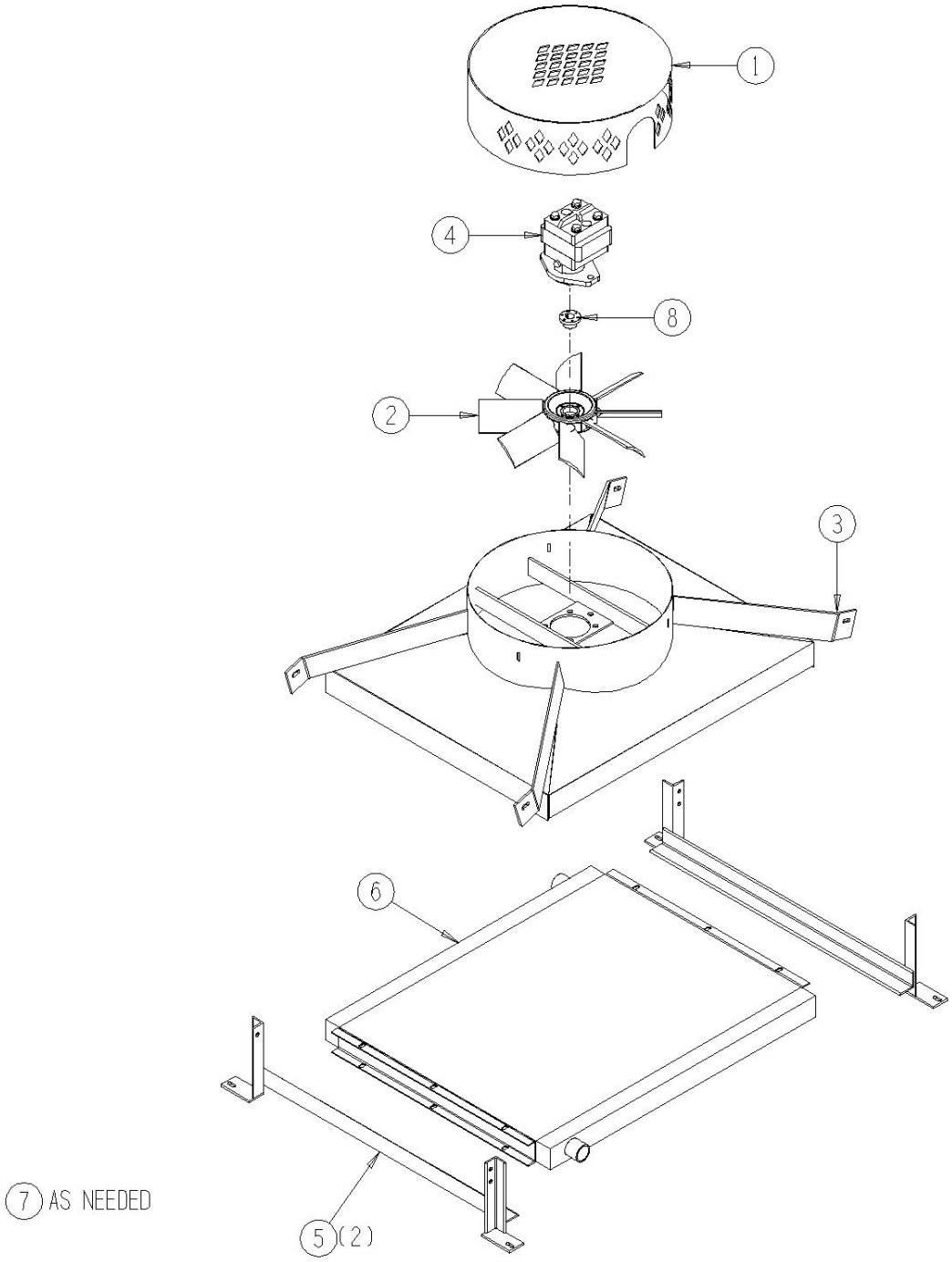
10010-13-03



10010-13-04 Double Pump Oil Cooler Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	191-1082	Shield, Cooling Fan	1		
2	FAN-290-18	HC 290 Oil Cooler Fan, 18' w/o JA Bushing/Rev	1		Replaces FAN-190-18 & HA-1019-G
3	SHD-0207	Fan Shroud, Lg Oil Cooler, Harvester	1		
4	HM-412-1	Hydraulic Motor	1		Same as HM-412C except w/1' shaft REPLACES HM-412C IF REPLACING A HM-412C WITH THIS MOTOR BE SURE THAT THE PROPER COUPLER SIZES ARE SUPPLIED
5	MOU-0207	Mount, Oil CoolerSupport	2		
6	HA-1036	Oil Cooler	1		
7	WT-17H	Heavy Duty Wire Tie 17.5'	16		
8	PU-JA-16	Bushing, JA x 1'	1		
9	DC-1175	Decal, Danger, Rotating Blade Hazard	1		
602	A-4603-24-24	1 1/2 x 24 SAE 45° Male O-Ring Beaded Insert	2		
800	HM-412B	Key for Hydraulic Motor -Shaker Weight-Vibrator	1	HM-412C & HM-712C	
801	HM-2100-SK	Shaft Seal & Gasket Kit for Permco Motor, M2100 Series	1		
802	HM-2100-BRG	Bearing for Permco Motor, M2100 Series	1		

10010-13-04

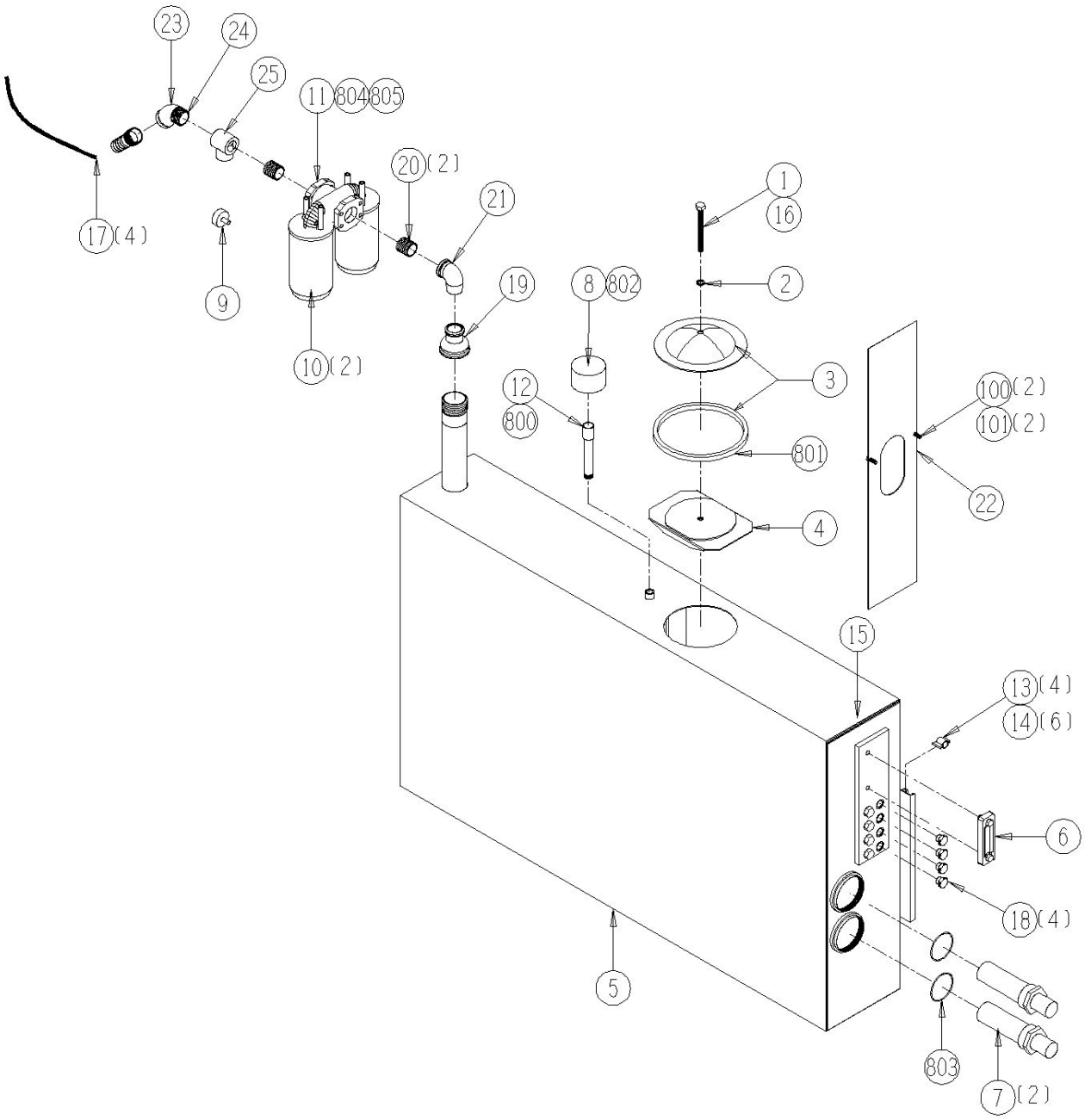


10010-13-05 Oil Tank Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HP-1030	Hydraulic Oil Sample Kit	1		
0	HP-1031	Hydraulic oil (per gal.}with anti-wear and anti-foam properties	140		ISO grade 46 with anti-wear and anti-foam properties. Harvesters, Approx. 140 gal
1	HA-5070E	Tank Cover Bolt	1	19501-30095001-	
2	HA-5070B	Nylon Washer for Tank Cover Kit	1	19501-30095001-	
3	HA-5070	Hydraulic Tank Cover w/Gasket	1	19501-30095001-	
4	HA-5070D	Tank Cover Holddown	1	19501-30095001-	
5	TAN-1010	190 model Oil Tank	1	PREVIOUS 2007 NEED 1pcs.AN-24-CL 1pc. AR-40-24	
6	HA-1041	Hyd, Level Gauge & Therm	1	19201-	
7	HA-1006-5	Suction Screen, SAE 3 3/8-12UN with 2” Hose Barb	2	19904-	
8	HA-1012	Vescor Breather Filter (3 micron)w/Adapter Fitting	1		
9	HA-1023A	Filter Gage	1		
10	HA-1029	Hydraulic Fluid Filter, 11”	2		
11	HA-1023-Z	Double Filter Head, Side by Side	1		
12	EX-1012	Extension, Filter, Oil Tank	1	19501-	
13	HA-1071-H	Hydra-zorb Tube Clamp 1” (3 pc.)	4	19401-	
14	HA-1072-H	Hydra-zorb Tube Clamp 3/4” (3 pc.)	6	19401-	
15	DC-1008	Decal, Yellow, Tank Capacity: 140 Gal., ISO Grade 46 Hyd. Oil, Tom.	1	19801-	
16	PIN-3-14	Roll Pin, 3/16 x 7/8	1	193-729K	Pkg. of 100
17	CL-200-SD	Two Bolt Hose Clamp, Super Duty, Galvanized	4	1 1/2” Suction Hose	
18	A-6408-10	10 SAE Plug	4		
19	AR-40-24	2 1/2” x 1 1/2” Bell Reducer	1		
20	AN-24-CL	1 1/2” Black (Nipple Close)	2		
21	ASL-24	1 1/2 ST ELL, Domestic Only	1		
22	195-1008A	Baffle, Oil Tank	1	(TAN-1010) 19601-	
23	AN-24-24-HS	1 1/2” Male NPT with Combination 1-1/2” Hose Barb	1		

24	ASL-24-45	1 1/2” Street Elbow, 45–, Black Malleable	1		
25	AT-24-24-12	1 1/2 x 1 1/2 x 3/4 Black Tee	0		
100	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
101	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	2		
800	HA-1009	Filter Adapter 3/4 NPT x 1 1/8”-16 UNF	1		
801	HA-5070A	Replacement Gasket for Tank Cover Kit	1	HA-5070	
802	HA-1012A	Vescor Breather Element (3 micron)	1	HA-1012	w/o Adapter Fitting
803	OR-236	O Ring, 3 1/4 x 3 1/2	2		
804	HA-1023-P	Poppet for Filter Bypass	1	HA-1023-Z	
805	HA-1023-S	25 PSI Filter Bypass Spring	1	HA-1023-Z	

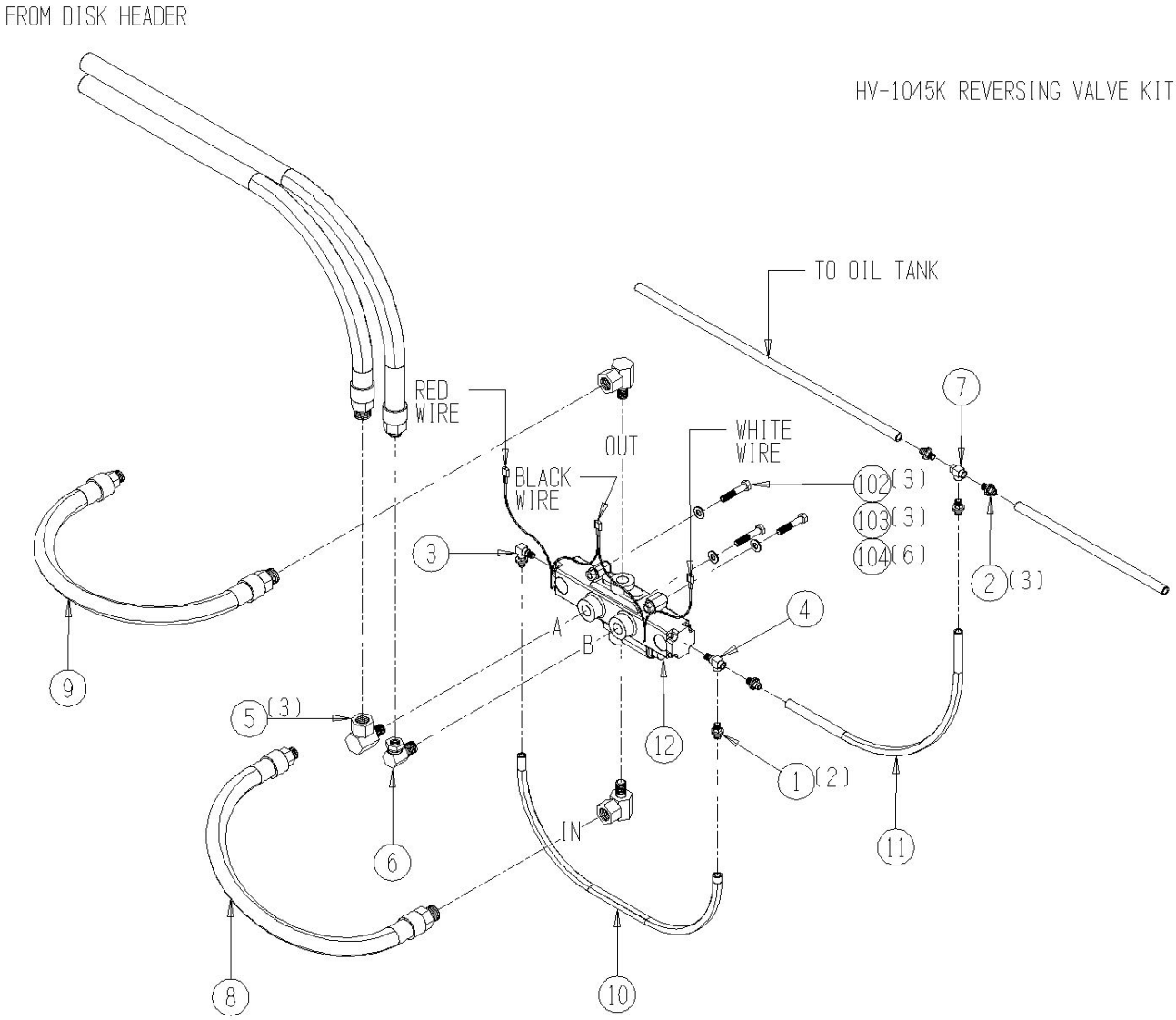
10010-13-05


23
24
25
11
804
805
20(2)
21
17(4)
9
10(2)
19
8
802
1
16
2
3
801
4
12
800
100(2)
101(2)
22
15
13(4)
14(6)
6
18(4)
5
803
7(2)

10010-13-10 Optional Disk Reversing Valve Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	ELC-1045	Electrical Cable, Disk Reversing Valve	1		
0	ELS-3T	Reversing valve switch (50 Amp)	1	HV-1045K	
0	ELT-31712	Push On Male 14-16 ga	3	HV-1045K	
0	ELT-31713	Push On Female Terminal 14-16 ga.	3	HV-1045K	
0	HV-1045K	Disk Reversing Valve Kit	0	All	
1	A-4124-6-2	1/8 Male Pipe x 3/8 Push Loc	2	HV-1045K	
2	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	3		
3	A-4129-6-2	1/8”NPT 90° w/3/8” Push-Loc	1	HV-1045K	
4	A-5602-2-2-2	Run Tee 1/8” NPT	1	HV-1045K	
5	A-6901-10-12	10 SAE x ¾ FPX90°, Forged	3		
6	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	1		
7	AT-4-4-4	1/4 NPT TEE	1		
8	H12-27.5-12MP-12MP	¾ in hose ¾MP x ¾MP x 27.5 in long	1	HV-1045K	
9	H12-27.5-12MP-8MP	¾ in. hose 27 1/2 in. 1/2 x ¾	1	HV-1045K	
10	H6-PL-26	3/8” Push Loc Hose 26” (Reverse Kit)	1	HV-1045K	
11	H6-PL-48	3/8” Push Loc Hose 48” (Reverse Kit)	1	HV-1045K	
12	HV-1045	Reversing Valve	1	HV-1045K	
102	BL-6-200-H	3/8-16 X 2 HEX CAP G5 ZC	3		
103	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	3		
104	BL-6-SW	3/8 SAE FW ZC	6		
800	HV-1045-D	Replacement Cartridge for Reversing Valve	2	HV-1045	
801	HV-1045-C	Replacement Coil for Reversing/No Drift Valve	2	HV-1045, HV-910	replaces HV-910-B

10010-13-10

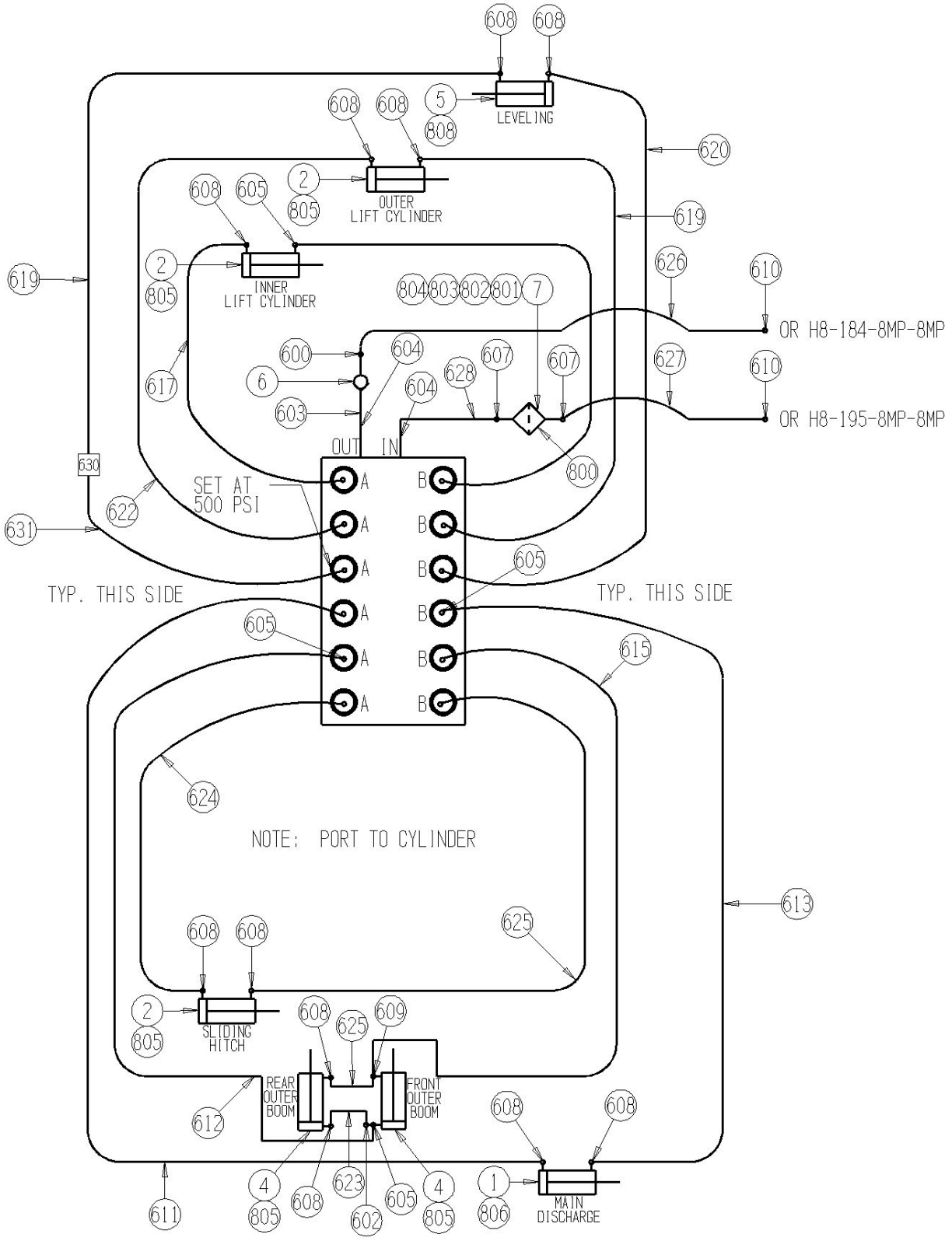

FROM DISK HEADER
HV-1045K REVERSING VALVE KIT
TO OIL TANK
RED WIRE
BLACK WIRE
OUT
WHITE WIRE
102(3)
103(3)
104(6)
7
2(3)
3
4
A
B
9
5(3)
12
1(2)
6
IN
11
8
10

10010-14-01 Hydraulic Cylinder Plumbing w/ Overhead Lift

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	HC-250-3008	Hydraulic cylinder 2 1/2" x 30" #8 SAE Ports	0	11001-	Seal kit for Lion, HC-250-125
2	HVE-10192	DO3 Valve Bank for 190 Harvester(10SAE/IN/OUT)	1		
4	HC-200-2408	Hydraulic cylinder 2" x 24" #8 SAE Ports	0		Seal kit for Lion, HC-200-112
5	HC-350-0808	Hydraulic Cylinder 3 1/2" x 8" #8 SAE Ports	0		Seal kit for Lion, HC-350-125
6	HV-CKV-800S	1/2" Parker Check Valve	1		
7	HA-1037	Pressure Filter	1		Most machines 1997 and previous used Parker filter. 1998-2001 Zinga style 2002-present parker style
600	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	1		
601	A-1501-8-8	1/2 MP x 1/2 FPX90°	1		
602	A-1601-6-6-6	3/8 MP x 3/8 FPX x 3/8FPX Tee	1		
603	A-5404-8-8	Hex Nipple 1/2" x 1/2"	1		
604	A-6900-10-8	10 SAE x 1/2 FPX	2		
605	A-6900-8-6	8 SAE x 3/8" FPX With 7/8" Stock Body	11	20095001-	
607	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2		
609	A-6955-8-6-6	8 SAE x 3/8" FPX Tee	1		
610	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2" w/ FPT	2		
611	H4-149-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 149 in long	1		
612	H4-172-6MP-6MP	1/4 in hose 3/8MP X 3/8MP x 172 in long	1		
613	H4-179-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 179 in long	1		
615	H4-205-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 205 in long	1		
616	H4-170-6MP-6MP	1/4 in hose x 3/8MP x 3/8MP x 170 in hose	0		
617	H4-138-6MP-6MP	1/4 in hose x 3/8MP x 3/8MP x 138 in hose	0		
619	H4-240-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 240 in long	2		
620	H4-248-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 248 in long	1		
622	H4-208-6MP-6MP	1/4 in hose x 3/8MP x 3/8MP x 208 in hose	0		
623	H4-40-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 40 in long	1		
624	H4-60-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 60 in long	1		
625	H4-70-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 70 in long	2		

626	H8-108-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 108 in long	1		
626	H8-184-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 184 in long	0		
627	H8-120-8MP-8MP	1/2 in hose 1/2MP x 1/2MP 120 in. long	1		
627	H8-195-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 195 in long	0		
628	H8-42-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 42 in long	1		
629	A-6408-10	10 SAE Plug	2		
630	A-1405-6-6	3/8 NPT coupler w/swivel	1		
631	H4-14-6MP-6MP	1/4 in Hose x 3/8MP x 3/8MP x 14 in Long	1		
800	HA-1037A	Pressure Filter Element	1		
801	HA-1037-C	O-Ring for Zinga Pressure Filter	1		
802	HA-1037-D	Back-Up Ring for Zinga Pressure Filter	1		
803	HA-1037-G	Indicator for Parker Pressure Filter	1		
804	HA-1037-O	O-Ring for Visual Indicator for Pressure Filter zinga	1		
805	HC-200-112	Seal Kit for 2” x 1 1/8” Lion Cylinder	1	HC-200-0808 (642599, 645593), HC-200-2408 (642600, 645596)	2500 or 3000psi cylinders
806	HC-250-125	Seal Kit for 2 1/2” x 1 1/4” Lion Cylinder	1	HC-250-3008 (642602, 645596)	2500 or 3000psi cylinders
808	HC-350-125	Seal Kit for 3 1/2” x 1 1/4” Lion Cylinder	1	HC-350-0808 (642603, 645597), HC-350-16 (639188)	2500 or 3000psi cylinders

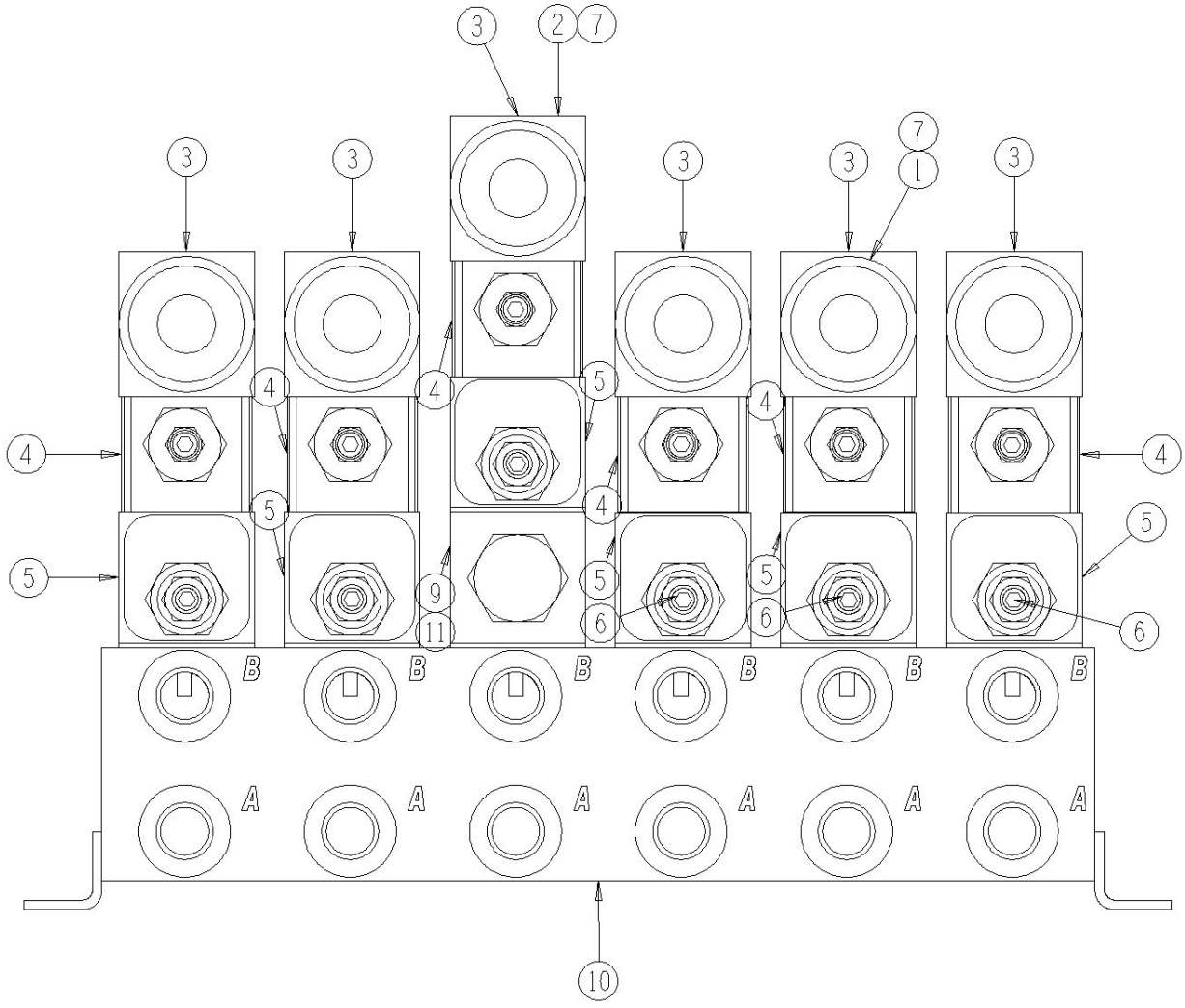
10010-14-01


LEVELING
OUTER LIFT CYLINDER
INNER LIFT CYLINDER
OR H8-184-8MP-8MP
OR H8-195-8MP-8MP
OUT
IN
SET AT 500 PSI
TYP. THIS SIDE
TYP. THIS SIDE
NOTE: PORT TO CYLINDER
SLIDING HITCH
REAR OUTER BOOM
FRONT OUTER BOOM
MAIN DISCHARGE

10010-14-01H Hydraulic Control Valve

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HVE-10192	DO3 Valve Bank for 190 Harvester(10SAE/IN/OUT)	0		
1	BL-1024-553	Stud, Hydraulic Valve, 5.535in Long	20		
2	BL-1024-731	Stud, Hydraulic Valve, 7.313in Long	4		
3	HVE-1000-A	Nachi Directional Control Valve	6		
4	HVE-1000-B	A-B Flow Regulator	6		
5	HVE-1000-C	Double Load Control, DO3	4		
6	HVE-1000-D	3 Port Counter Balance Cartridge	10		
7	HVE-1000-E	10-24 Stud Nut	24		
9	HVE-1000-H	DO3 Sandwich Body w/ reverse free flow check	1		
10	HVE-1000-M6	DO3 6 Valve Parallel Manifold , SAE #10 in/out, #8 work	1		
11	HVE-1000-PR	Pressure Reducing/Relieving Cartridge	1		
800	HVE-1000-CO	O-Ring, Each	0		

10010-14-01H

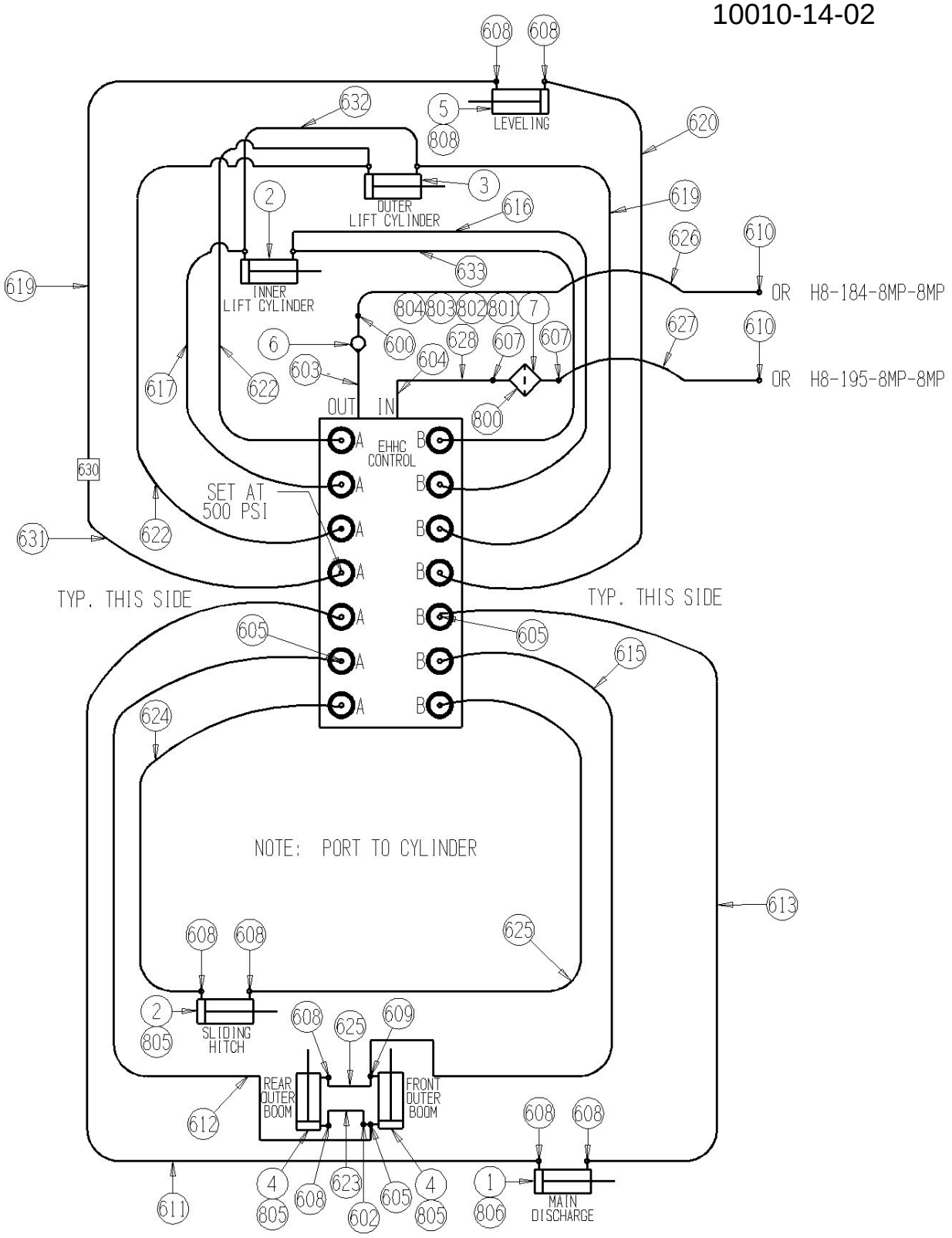


10010-14-02 Hydraulic Cylinder Plumbing w/ Overhead Single HHC

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HVE-1016	190 Control Valve, Single HHC	1		
1	HC-250-3008	Hydraulic cylinder 2 1/2" x 30" #8 SAE Ports	0	11001-	Seal kit for Lion, HC-250-125
2	HC-275-2408-RP	2 3/4 x 24 Rephasing Cylinder	0		Seal Kit Part No. HC-250R-112 (639557)
3	HC-300-2408-RP	3 x 24 Rephasing Cylinder	0		Seal Kit Part No. HC-300R-125 (639558)
4	HC-200-2408	Hydraulic cylinder 2" x 24" #8 SAE Ports	0		Seal kit for Lion, HC-200-112
5	HC-350-0808	Hydraulic Cylinder 3 1/2" x 8" #8 SAE Ports	0		Seal kit for Lion, HC-350-125
6	HV-CKV-800S	1/2" Parker Check Valve	1		
7	HA-1037	Pressure Filter	1		Most machines 1997 and previous used Parker filter. 1998-2001 Zinga style 2002-present parker style
8	MOU-0210	D03 7 Bank Valve Extension Mount	1		
600	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	1		
601	A-1501-8-8	1/2 MP x 1/2 FPX90°	1		
602	A-1601-6-6-6	3/8 MP x 3/8 FPX x 3/8FPX Tee	1		
603	A-5404-8-8	Hex Nipple 1/2" x 1/2"	1		
604	A-6900-10-8	10 SAE x 1/2 FPX	2		
605	A-6900-8-6	8 SAE x 3/8" FPX With 7/8" Stock Body	11	20095001-	
607	A-6901-12-8	12 SAE x 1/2" FPX 90° , Forged	2		
609	A-6955-8-6-6	8 SAE x 3/8" FPX Tee	1		
610	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2" w/ FPT	2		
611	H4-149-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 149 in long	1		
612	H4-172-6MP-6MP	1/4 in hose 3/8MP X 3/8MP x 172 in long	2		
613	H4-179-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 179 in long	1		
615	H4-225-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 225 in long	1		
616	H4-176-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 176 in long	1		
617	H4-125-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 125 in long	1		
619	H4-240-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 240 in long	2		
620	H4-248-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 248 in long	1		
622	H4-211-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 211 in long	2		

623	H4-40-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 40 in long	1		
624	H4-60-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 60 in long	1		
625	H4-70-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 70 in long	2		
626	H8-184-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 184 in long	0		
626	H8-108-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 108 in long	1		
627	H8-120-8MP-8MP	1/2 in hose 1/2MP x 1/2MP 120 in. long	1		
627	H8-195-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 195 in long	0		
628	H8-42-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 42 in long	1		
629	A-6408-10	10 SAE Plug	2		
630	A-1405-6-6	3/8 NPT coupler w/swivel	1		
631	H4-14-6MP-6MP	1/4 in Hose x 3/8MP x 3/8MP x 14 in Long	1		
632	H4-150-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 150 in long	1		
633	H4-152-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 152 in long	1		
800	HA-1037A	Pressure Filter Element	1		
801	HA-1037-C	O-Ring for Zinga Pressure Filter	1		
802	HA-1037-D	Back-Up Ring for Zinga Pressure Filter	1		
803	HA-1037-G	Indicator for Parker Pressure Filter	1		
804	HA-1037-O	O-Ring for Visual Indicator for Pressure Filter zinga	1		
805	HC-200-112	Seal Kit for 2” x 1 1/8” Lion Cylinder	1	HC-200-0808 (642599, 645593), HC-200-2408 (642600, 645596)	2500 or 3000psi cylinders
806	HC-250-125	Seal Kit for 2 1/2” x 1 1/4” Lion Cylinder	1	HC-250-3008 (642602, 645596)	2500 or 3000psi cylinders
808	HC-350-125	Seal Kit for 3 1/2” x 1 1/4” Lion Cylinder	1	HC-350-0808 (642603, 645597), HC-350-16 (639188)	2500 or 3000psi cylinders

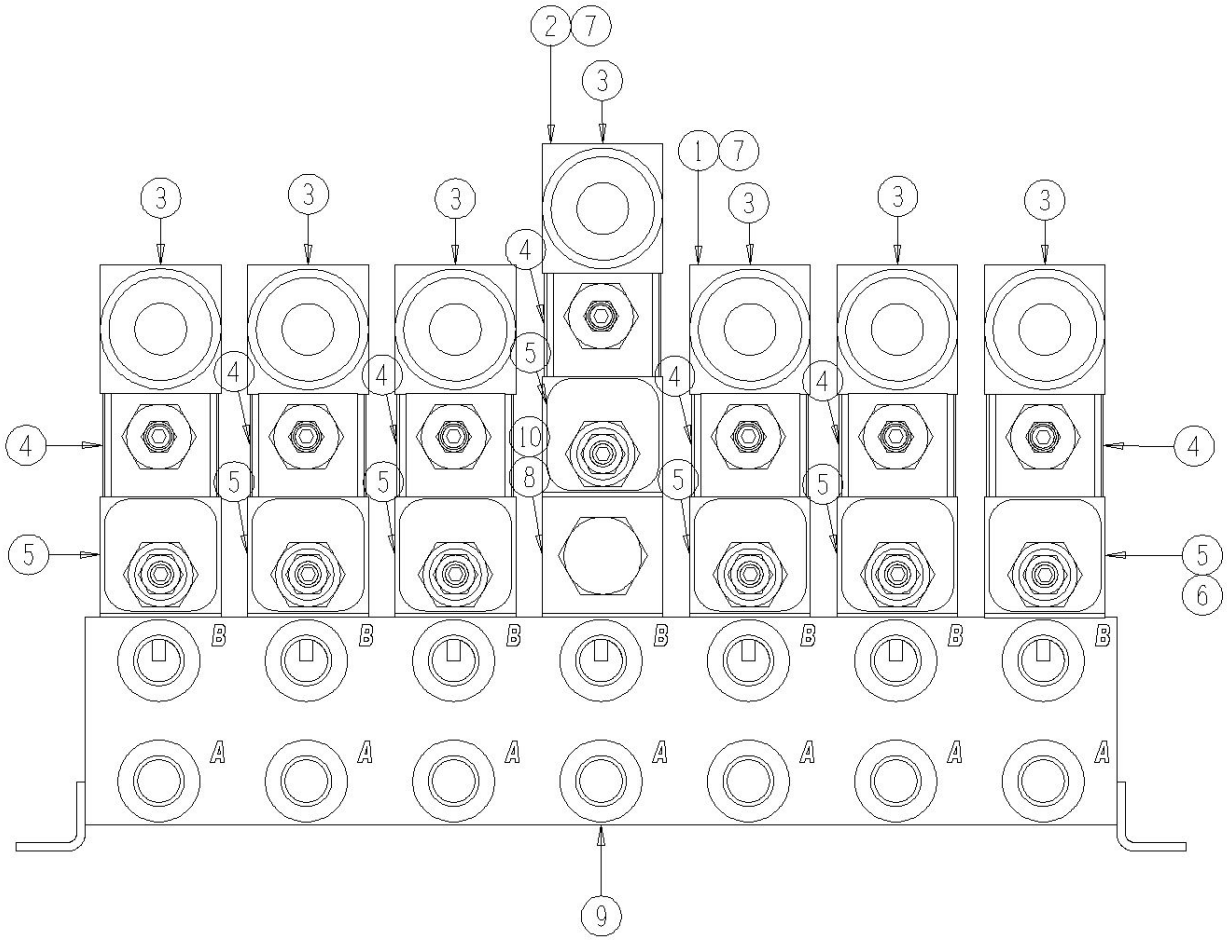
10010-14-02


LEVELING
OUTER LIFT CYLINDER
INNER LIFT CYLINDER
OR H8-184-8MP-8MP
OR H8-195-8MP-8MP
OUT
IN
EHHC CONTROL
SET AT 500 PSI
TYP. THIS SIDE
TYP. THIS SIDE
NOTE: PORT TO CYLINDER
SLIDING HITCH
REAR OUTER BOOM
FRONT OUTER BOOM
MAIN DISCHARGE

10010-14-02H Hydraulic Control Valve, EHHC

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HVE-1016	190 Control Valve, Single HHC	0		
1	BL-1024-553	Stud, Hydraulic Valve, 5.535in Long	24		
2	BL-1024-731	Stud, Hydraulic Valve, 7.313in Long	4		
3	HVE-1000-A	Nachi Directional Control Valve	7		
4	HVE-1000-B	A-B Flow Regulator	7		
5	HVE-1000-C	Double Load Control, DO3	7		
6	HVE-1000-D	3 Port Counter Balance Cartridge	14		
7	HVE-1000-E	10-24 Stud Nut	28		
8	HVE-1000-H	DO3 Sandwich Body w/ reverse free flow check	1		
9	HVE-1000-M7	DO3 7 Valve Parallel Manifold , SAE #10 in/out, #8 work	1		
10	HVE-1000-PR	Pressure Reducing/Relieving Cartridge	1		
800	HVE-1000-CO	O-Ring, Each	0		

10010-14-02H

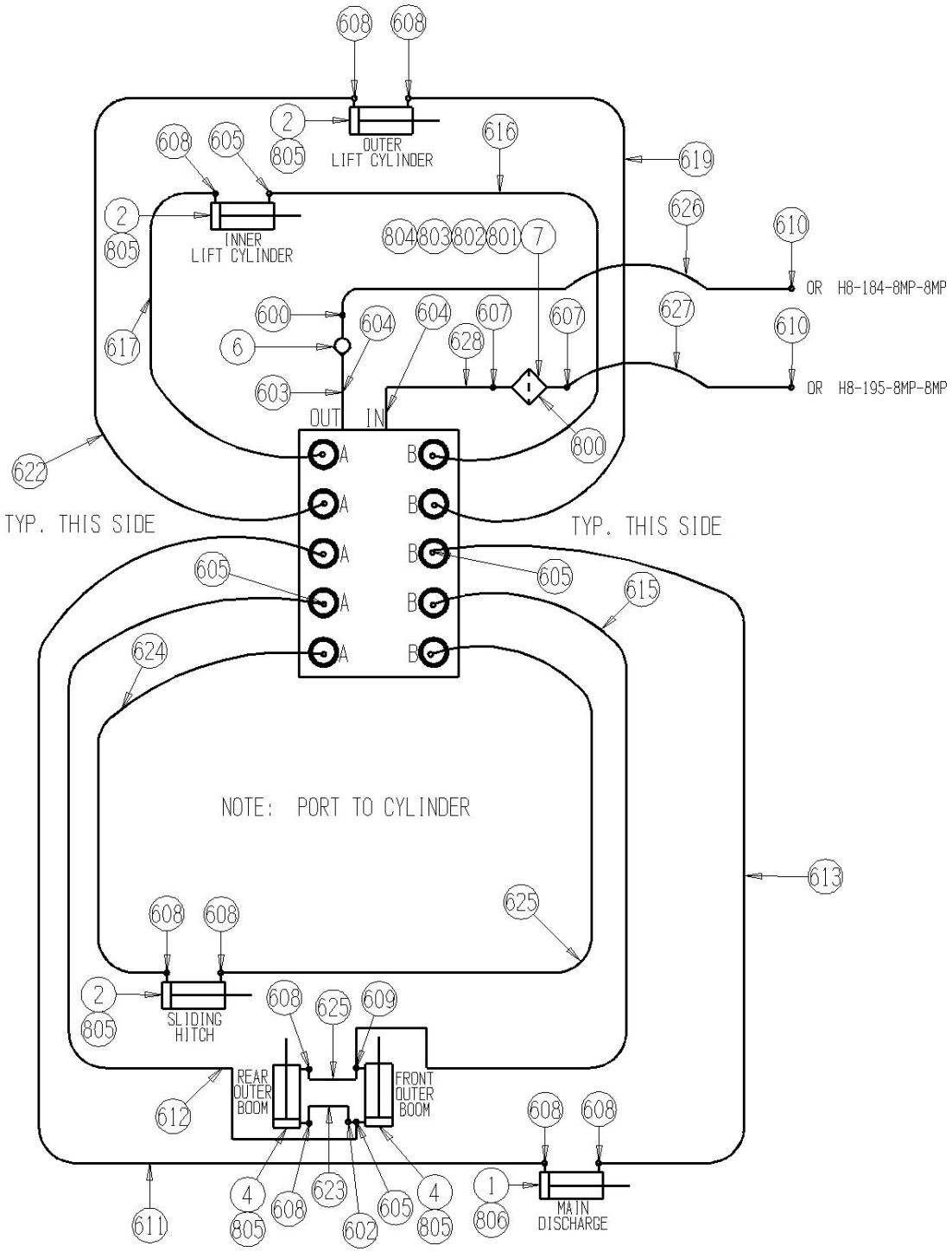


10010-14-03 Hydraulic Cylinder Plumbing, No Leveling

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HVE-1010	5 Bank DO3 Valve, 190 No leveling	1		
1	HC-250-3008	Hydraulic cylinder 2 1/2" x 30" #8 SAE Ports	0	11001-	Seal kit for Lion, HC-250-125
2	HC-275-2408-RP	2 ¾ x 24 Rephasing Cylinder	0		Seal Kit Part No. HC-250R-112 (639557)
3	HC-300-2408-RP	3 x 24 Rephasing Cylinder	0		Seal Kit Part No. HC-300R-125 (639558)
4	HC-200-2408	Hydraulic cylinder 2" x 24" #8 SAE Ports	0		Seal kit for Lion, HC-200-112
6	HV-CKV-800S	1/2" Parker Check Valve	1		
7	HA-1037	Pressure Filter	1		Most machines 1997 and previous used Parker filter. 1998-2001 Zinga style 2002-present parker style
600	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	1		
601	A-1501-8-8	1/2 MP x 1/2 FPX90°	1		
602	A-1601-6-6-6	3/8 MP x 3/8 FPX x 3/8FPX Tee	1		
603	A-5404-8-8	Hex Nipple 1/2" x 1/2"	1		
604	A-6900-10-8	10 SAE x 1/2 FPX	2		
605	A-6900-8-6	8 SAE x 3/8" FPX With 7/8" Stock Body	11	20095001-	
607	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2		
609	A-6955-8-6-6	8 SAE x 3/8" FPX Tee	1		
610	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2" w/ FPT	2		
611	H4-149-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 149 in long	1		
612	H4-172-6MP-6MP	1/4 in hose 3/8MP X 3/8MP x 172 in long	2		
613	H4-179-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 179 in long	1		
615	H4-205-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 205 in long	2		
616	H4-170-6MP-6MP	1/4 in hose x 3/8MP x 3/8MP x 170 in hose	0		
617	H4-138-6MP-6MP	1/4 in hose x 3/8MP x 3/8MP x 138 in hose	0		
619	H4-240-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 240 in long	1		
622	H4-208-6MP-6MP	1/4 in hose x 3/8MP x 3/8MP x 208 in hose	0		
623	H4-40-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 40 in long	1		
624	H4-60-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 60 in long	1		
625	H4-70-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 70 in long	2		

626	H8-184-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 184 in long	0		
626	H8-108-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 108 in long	1		
627	H8-195-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 195 in long	0		
627	H8-120-8MP-8MP	1/2 in hose 1/2MP x 1/2MP 120 in. long	1		
628	H8-42-8MP-8MP	1/2 in hose 1/2MP x 1/2MP x 42 in long	1		
629	A-6408-10	10 SAE Plug	2		
632	H4-154-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 154 in long	1		
800	HA-1037A	Pressure Filter Element	1		
801	HA-1037-C	O-Ring for Zinga Pressure Filter	1		
802	HA-1037-D	Back-Up Ring for Zinga Pressure Filter	1		
803	HA-1037-G	Indicator for Parker Pressure Filter	1		
804	HA-1037-O	O-Ring for Visual Indicator for Pressure Filter zinga	1		
805	HC-200-112	Seal Kit for 2” x 1 1/8” Lion Cylinder	1	HC-200-0808 (642599, 645593), HC-200-2408 (642600, 645596)	2500 or 3000psi cylinders
806	HC-250-125	Seal Kit for 2 1/2” x 1 1/4” Lion Cylinder	1	HC-250-3008 (642602, 645596)	2500 or 3000psi cylinders

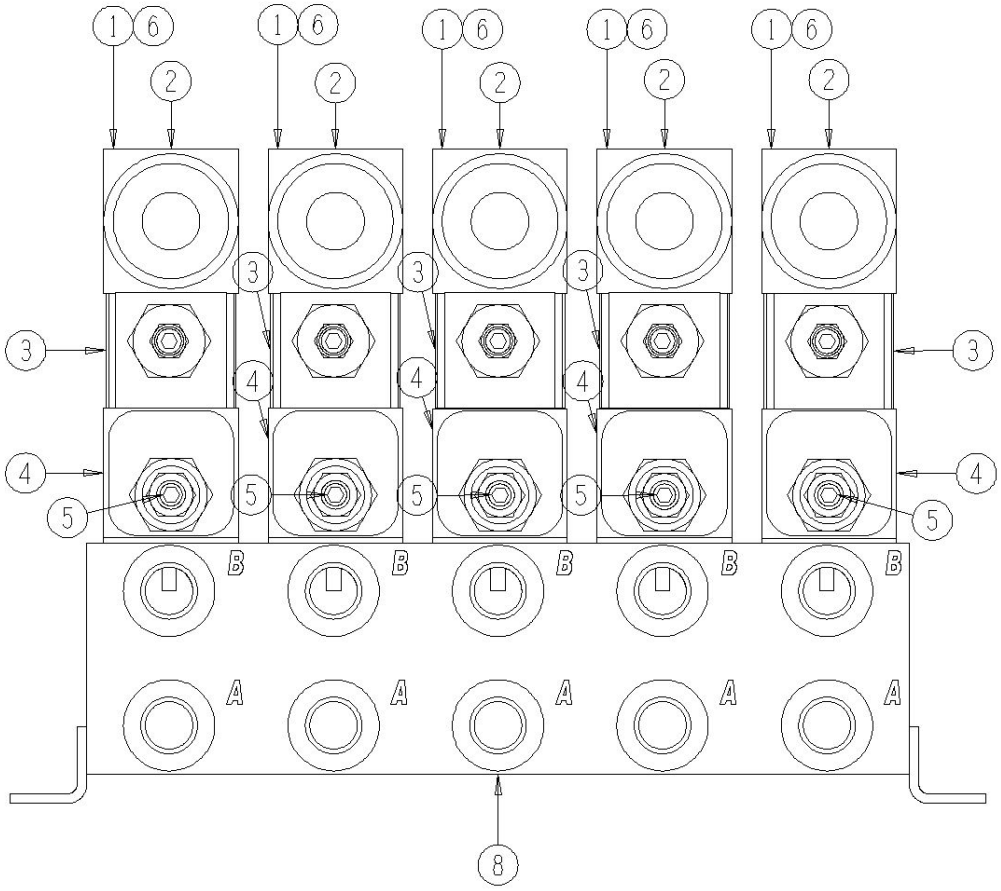
10010-14-03


608
608
2
805
OUTER
LIFT CYLINDER
608
605
616
619
2
805
INNER
LIFT CYLINDER
804
803
802
801
7
626
610
OR H8-184-8MP-8MP
617
600
6
603
604
604
607
628
607
627
610
OR H8-195-8MP-8MP
OUT
IN
800
622
A
B
TYP. THIS SIDE
TYP. THIS SIDE
605
605
615
624
NOTE: PORT TO CYLINDER
613
625
608
608
2
805
SLIDING
HITCH
608
625
609
REAR
OUTER
BOOM
FRONT
OUTER
BOOM
612
608
608
4
805
608
623
602
605
4
805
1
806
MAIN
DISCHARGE
611

10010-14-03H Hydraulic Control Valve, No Leveling

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HVE-1010	5 Bank DO3 Valve, 190 No leveling	0		
1	BL-1024-553	Stud, Hydraulic Valve, 5.535in Long	0		
2	HVE-1000-A	Nachi Directional Control Valve	0		
3	HVE-1000-B	A-B Flow Regulator	0		
4	HVE-1000-C	Double Load Control, DO3	0		
5	HVE-1000-D	3 Port Counter Balance Cartridge	0		
6	HVE-1000-E	10-24 Stud Nut	0		
8	HVE-1000-M5	DO3 5 Valve Parallel Manifold , SAE #10 in/out, #8 work	0		
800	HVE-1000-CO	O-Ring, Each	0		

10010-14-03H

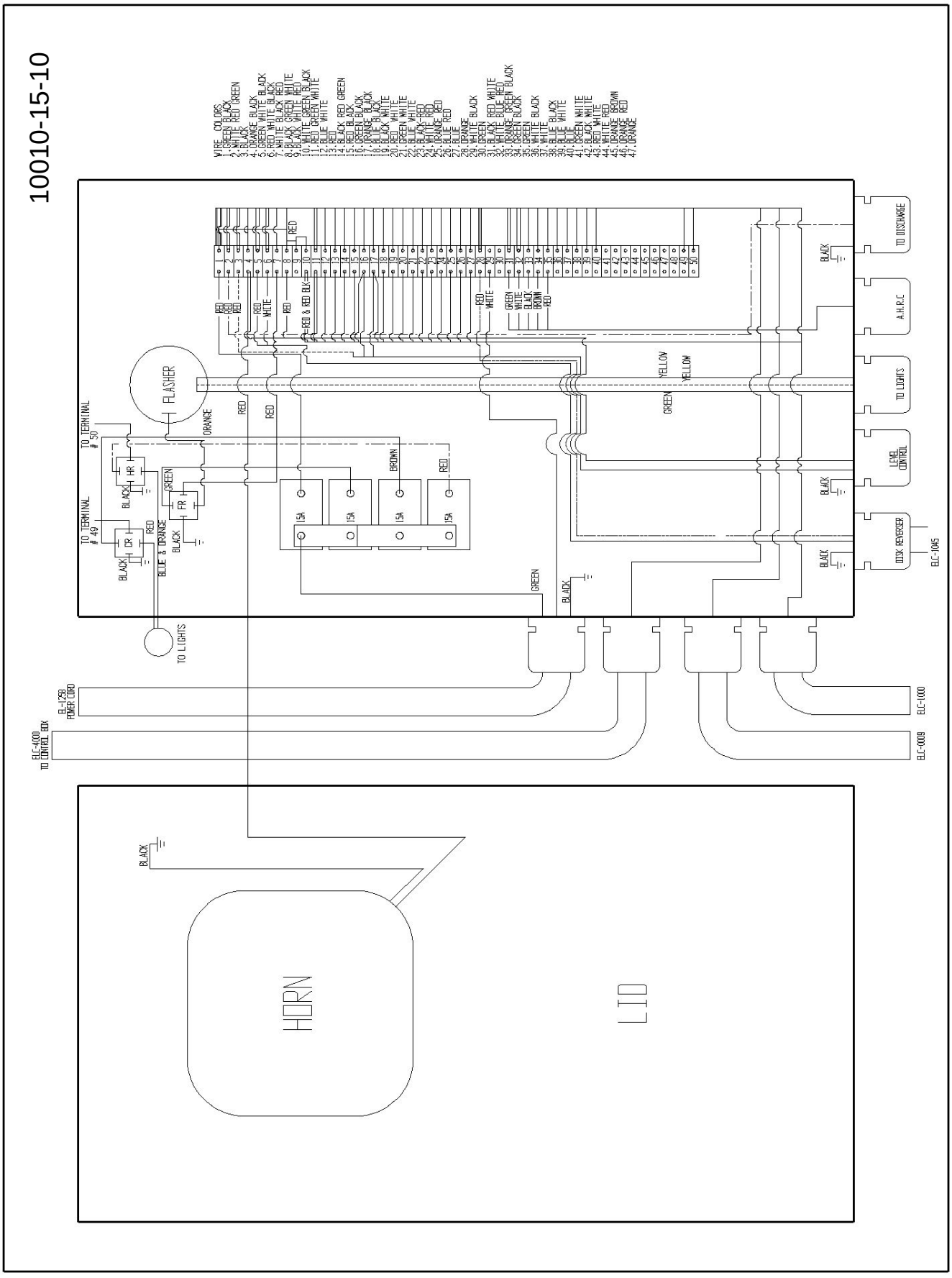


NOTES:
ON ALL SINGLE SANDWICH BODY CARTRIDGES, PORT A WILL BE THE CONTROL.
ALIGN NOTCHES ACCORDINGLY. FLOW CONTROLS WILL BE CONTROLLING FLOW
IN THE CYLINDER. HAVE ENGINEERING REVIEW BEFORE SETTING TORQUE TO 44PSI.

10010-15-10 Electrical Panel Schematic, Tomato

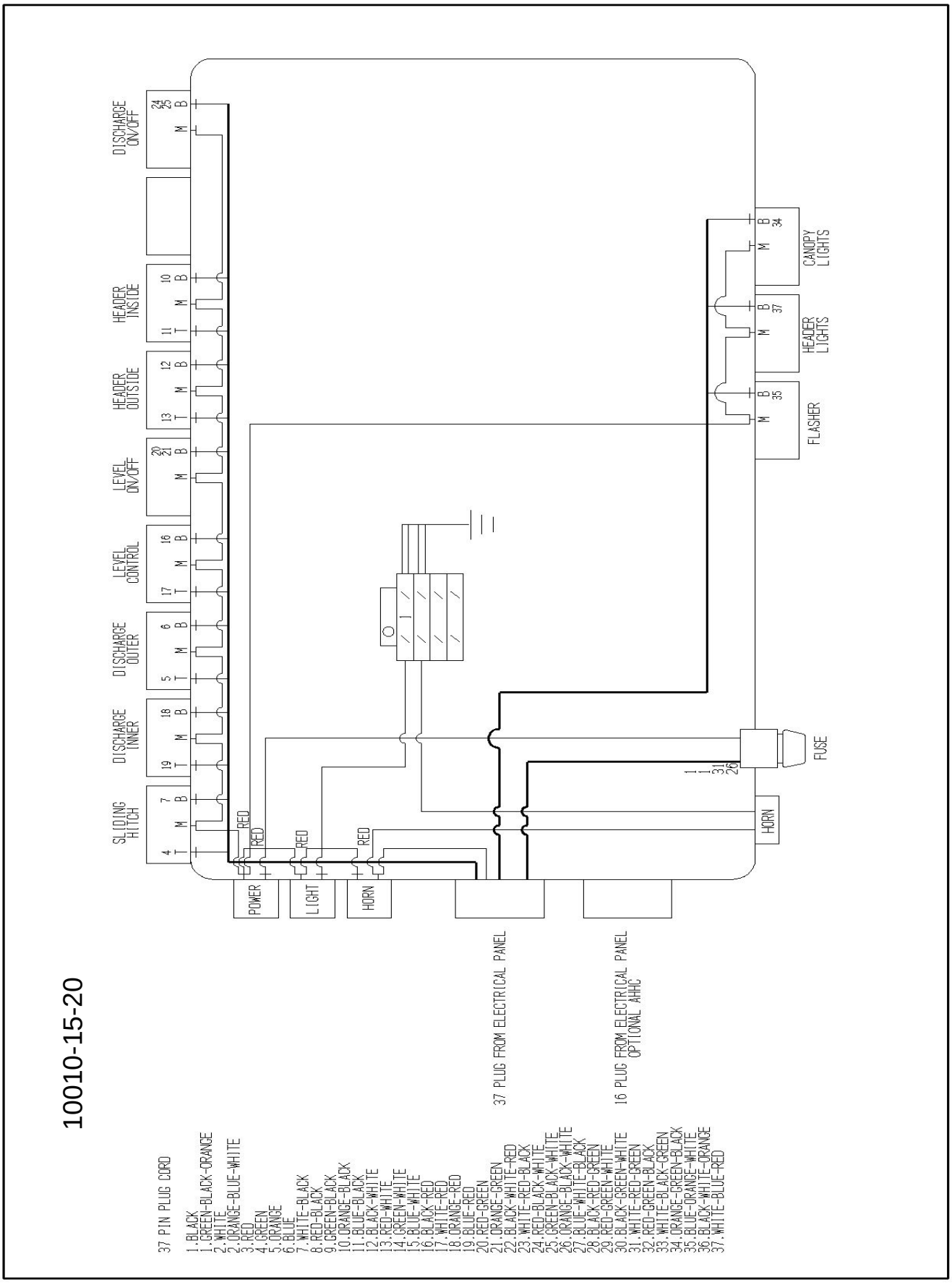
Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	ELP-0001	Converter Box 190 Harvester	1		
1	ELP-1009	Electrical Panel, 190 Tomato Harvester, 2009	1		
3	EL-1216A	Power Cable for Control Box (w/Connectors)	0		
3	ELC-4000	Control Box Power Cord	1		
4	ELC-1000	DO3 Control Cord (190)	1	190	
5	EL-1269	Power Cord 7-Prong Gooseneck Hitch	1		
6	ELC-8000	7-Conductor, Power Cable 14', HC290	1		
9	PL-U003	Plastic, Urethane, Control Box Toggle Connector	1		
802	EL-26W47	Machine Plug (Male)	1		
806	EL-6600	Warning Horn	0		

10010-15-10


WIRE COLORS
1.GREEN BLACK
2.WHITE RED GREEN
3.BLACK
4.ORANGE BLACK
5.GREEN WHITE BLACK
6.RED BLACK RED
7.WHITE BLACK RED
8.BLACK GREEN WHITE
9.BLACK WHITE RED
10.WHITE GREEN BLACK
11.RED GREEN WHITE
12.BLUE WHITE
13.RED
14.RED BLACK RED GREEN
15.RED BLACK
16.GREEN BLACK
17.ORANGE BLACK
18.BLUE BLACK
19.BLACK WHITE
20.RED WHITE
21.GREEN WHITE
22.BLUE WHITE
23.BLACK RED
24.WHITE RED
25.ORANGE RED
26.BLUE RED
27.BLUE
28.ORANGE
29.WHITE BLACK
30.GREEN RED WHITE
31.BLACK WHITE BLUE RED
32.WHITE BLUE RED
33.ORANGE GREEN BLACK
34.GREEN BLACK
35.GREEN
36.WHITE BLACK
37.WHITE
38.BLUE BLACK
39.BLUE WHITE
40.BLUE
41.GREEN WHITE
42.BLACK WHITE
43.RED WHITE
44.WHITE RED
45.ORANGE BROWN
46.ORANGE RED
47.ORANGE
TO DISCHARGE
A.H.R.C
TO LIGHTS
LEAD CONTROL
DISK REVERSER
ELC-1045
FLASHER
TO TERMINAL # 50
TO TERMINAL # 49
HR
FR
DR
15A
BLACK
GREEN
RED
ORANGE
BROWN
YELLOW
BLUE & ORANGE
TO LIGHTS
BL-1258 POWER CORD
ELC-4000 TO CONTROL BOX
ELC-1000
ELC-0009
HORN
LID

10010-15-20 Control Box & Hyd. Valve Color Code

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	EL-0035	Complete Control Box Less Cable (Tomato) 2009	1		
0	DC-1009	DECAL 190 TOMATO	1		
800	EL-805	Automotive Fuses 10 Amp	0		


10010-15-20
SLIDING HITCH
DISCHARGE INNER
DISCHARGE OUTER
LEVEL CONTROL
LEVEL ON/OFF
HEADER OUTSIDE
HEADER INSIDE
DISCHARGE ON/OFF
POWER
LIGHT
HORN
FUSE
FLASHER
HEADER LIGHTS
CANOPY LIGHTS
37 PLUG FROM ELECTRICAL PANEL
16 PLUG FROM ELECTRICAL PANEL OPTIONAL AHHC
37 PIN PLUG CORD
1.BLACK
1.GREEN-BLACK-ORANGE
2.WHITE
2.ORANGE-BLUE-WHITE
3.RED
4.GREEN
5.ORANGE
6.BLUE
7.WHITE-BLACK
8.RED-BLACK
9.GREEN-BLACK
10.ORANGE-BLACK
11.BLUE-BLACK
12.BLACK-WHITE
13.RED-WHITE
14.GREEN-WHITE
15.BLUE-WHITE
16.BLACK-RED
17.WHITE-RED
18.ORANGE-RED
19.BLUE-RED
20.RED-GREEN
21.ORANGE-GREEN
22.BLACK-WHITE-RED
23.WHITE-RED-BLACK
24.RED-BLACK-WHITE
25.GREEN-BLACK-WHITE
26.ORANGE-BLACK-WHITE
27.BLUE-WHITE-BLACK
28.BLACK-RED-GREEN
29.RED-GREEN-WHITE
30.BLACK-GREEN-WHITE
31.WHITE-RED-GREEN
32.RED-GREEN-BLACK
33.WHITE-BLACK-GREEN
34.ORANGE-GREEN-BLACK
35.BLUE-ORANGE-WHITE
36.BLACK-WHITE-ORANGE
37.WHITE-BLUE-RED

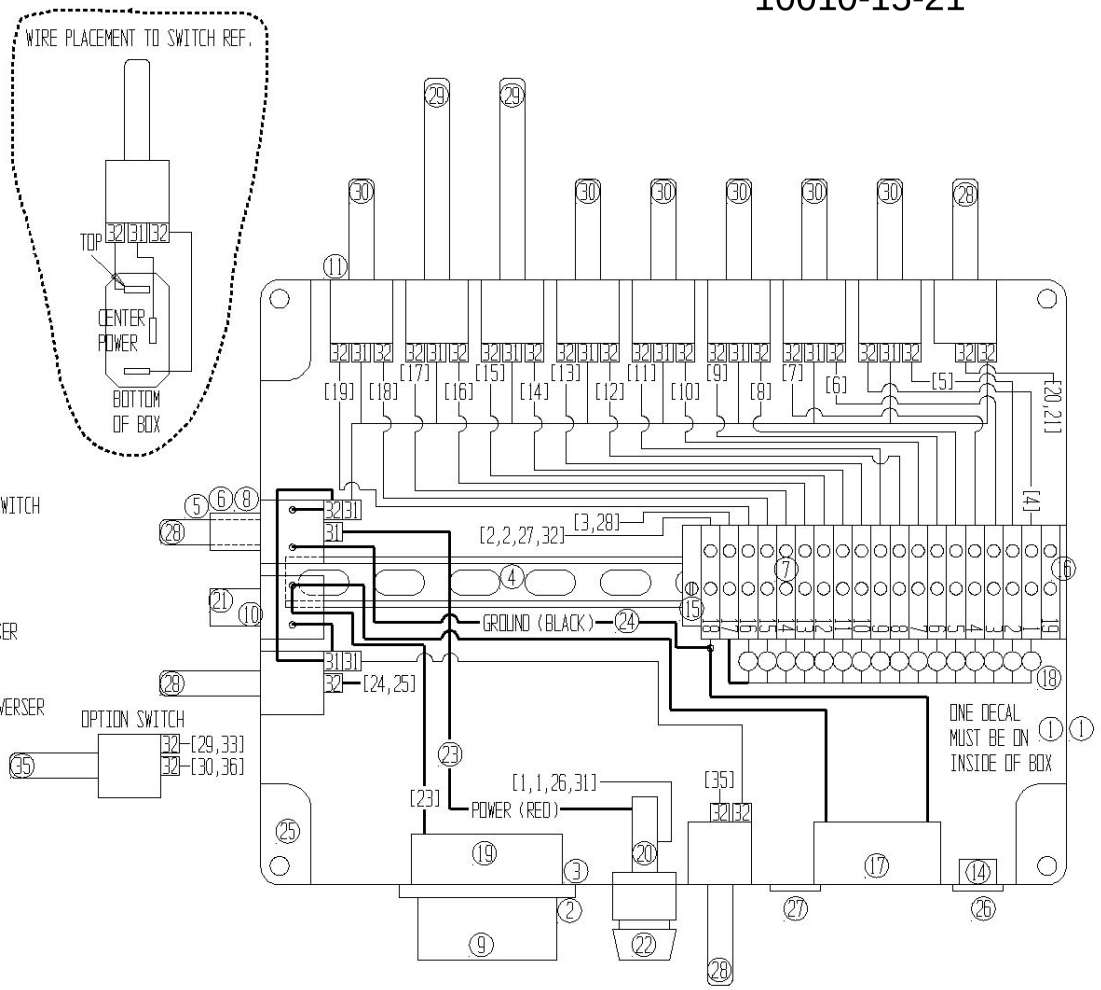
10010-15-21 Control Box Bell Pepper

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	EL-0003	COMPLETE Control Box less cable (Tomato)	1	19701-	
0	DC-1019	Decal, 190 Bell Pepper Control Box	1		
800	EL-805	Automotive Fuses 10 Amp	0		
801	ELM-107-A	Beeper	1	ELM-107	

10010-15-21

NOTES:
THE NUMBERS IN [ ] ARE THE RECEPTACLE PIN NUMBERS.
THE NUMBERS IN CIRCLES OR SQUARES IS THE REF. NUMBER FOR THAT ITEM. EX: [32] IS ELT-36016 (SPADE TERMINAL #6 x18-22 GA)

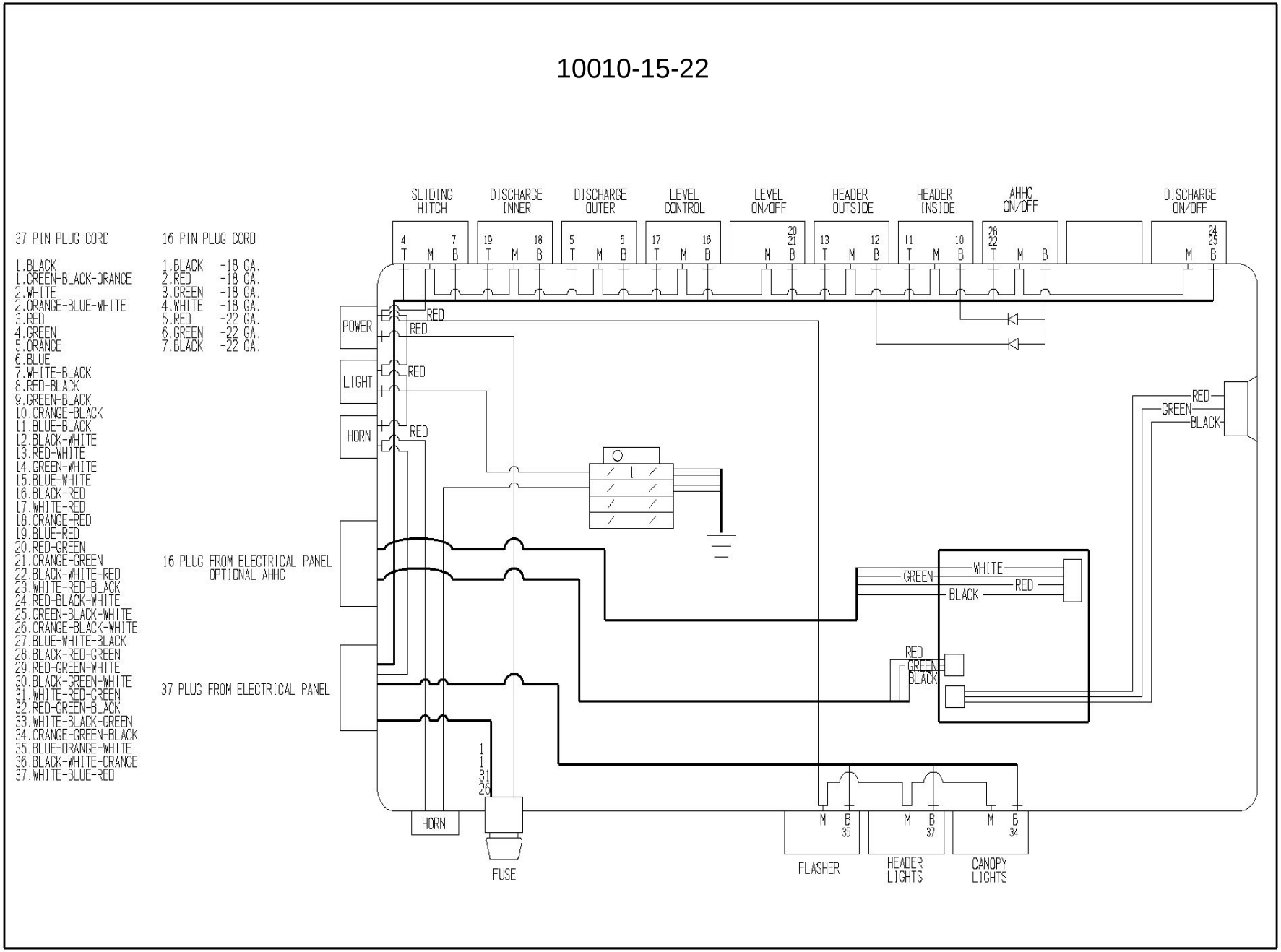
- [1] BLACK
- [1] GREEN-BLACK-ORANGE
- [31] WHITE-RED-GREEN
- [26] ORANGE-BLACK-WHITE — POSITIVE
- [2] WHITE
- [2] ORANGE-BLUE-WHITE
- [27] BLUE-WHITE-BLACK
- [32] RED-GREEN-BLACK — NEGATIVE
- [3] RED
- [28] BLACK-RED-GREEN — UNLOAD COIL
- [20] RED-GREEN
- [21] ORANGE-GREEN — ON/OFF DISCHARGE SWITCH
- [22] BLACK-WHITE-RED
- [24] RED-BLACK-WHITE
- [25] GREEN-BLACK-WHITE — AUTOMATIC LEVEL CONTROL
- [29] RED-GREEN-WHITE
- [33] WHITE-BLACK-GREEN — TOP DISK REVERSER
- [34] ORANGE-GREEN-BLACK
- [30] BLACK-GREEN-WHITE
- [36] BLACK-WHITE-ORANGE — BOTTOM DISK REVERSER
- [37] WHITE-BLUE-RED
- [4] GREEN
- [5] ORANGE — INSIDE HEADER
- [6] BLUE
- [7] WHITE-BLACK — OUTSIDE HEADER
- [8] RED-BLACK
- [9] GREEN-BLACK — INSIDE GAUGE WHEEL
- [10] ORANGE-BLACK
- [11] BLUE-BLACK — OUTSIDE GAUGE WHEEL
- [12] BLACK-WHITE
- [13] RED-WHITE — LEVEL CONTROL
- [14] GREEN-WHITE
- [15] BLUE-WHITE — OUTER DISCHARGE
- [16] BLACK-RED
- [17] WHITE-RED — INNER DISCHARGE
- [18] ORANGE-RED
- [19] BLUE-RED — TONGUE
- [23] WHITE-RED-BLACK — HORN
- [35] BLUE-ORANGE-WHITE — FLASHERS



10010-15-22 Control Box Single HHC Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	DC-1009	DECAL 190 TOMATO	1		
1	EL-0036	Control Box, Single HHC, 09 (190)	1		
800	EL-805	Automotive Fuses 10 Amp	0		
801	ELM-107-A	Beeper	1	ELM-107	

10010-15-22


37 PIN PLUG CORD
1.BLACK
1.GREEN-BLACK-ORANGE
2.WHITE
2.ORANGE-BLUE-WHITE
3.RED
4.GREEN
5.ORANGE
6.BLUE
7.WHITE-BLACK
8.RED-BLACK
9.GREEN-BLACK
10.ORANGE-BLACK
11.BLUE-BLACK
12.BLACK-WHITE
13.RED-WHITE
14.GREEN-WHITE
15.BLUE-WHITE
16.BLACK-RED
17.WHITE-RED
18.ORANGE-RED
19.BLUE-RED
20.RED-GREEN
21.ORANGE-GREEN
22.BLACK-WHITE-RED
23.WHITE-RED-BLACK
24.RED-BLACK-WHITE
25.GREEN-BLACK-WHITE
26.ORANGE-BLACK-WHITE
27.BLUE-WHITE-BLACK
28.BLACK-RED-GREEN
29.RED-GREEN-WHITE
30.BLACK-GREEN-WHITE
31.WHITE-RED-GREEN
32.RED-GREEN-BLACK
33.WHITE-BLACK-GREEN
34.ORANGE-GREEN-BLACK
35.BLUE-ORANGE-WHITE
36.BLACK-WHITE-ORANGE
37.WHITE-BLUE-RED
16 PIN PLUG CORD
1.BLACK -18 GA.
2.RED -18 GA.
3.GREEN -18 GA.
4.WHITE -18 GA.
5.RED -22 GA.
6.GREEN -22 GA.
7.BLACK -22 GA.
16 PLUG FROM ELECTRICAL PANEL
OPTIONAL AHHC
37 PLUG FROM ELECTRICAL PANEL
SLIDING HITCH
DISCHARGE INNER
DISCHARGE OUTER
LEVEL CONTROL
LEVEL ON/OFF
HEADER OUTSIDE
HEADER INSIDE
AHHC ON/OFF
DISCHARGE ON/OFF
POWER
LIGHT
HORN
RED
GREEN
BLACK
WHITE
HORN
FUSE
FLASHER
HEADER LIGHTS
CANOPY LIGHTS

10010-15-23 Double HHC Control Box Assembly

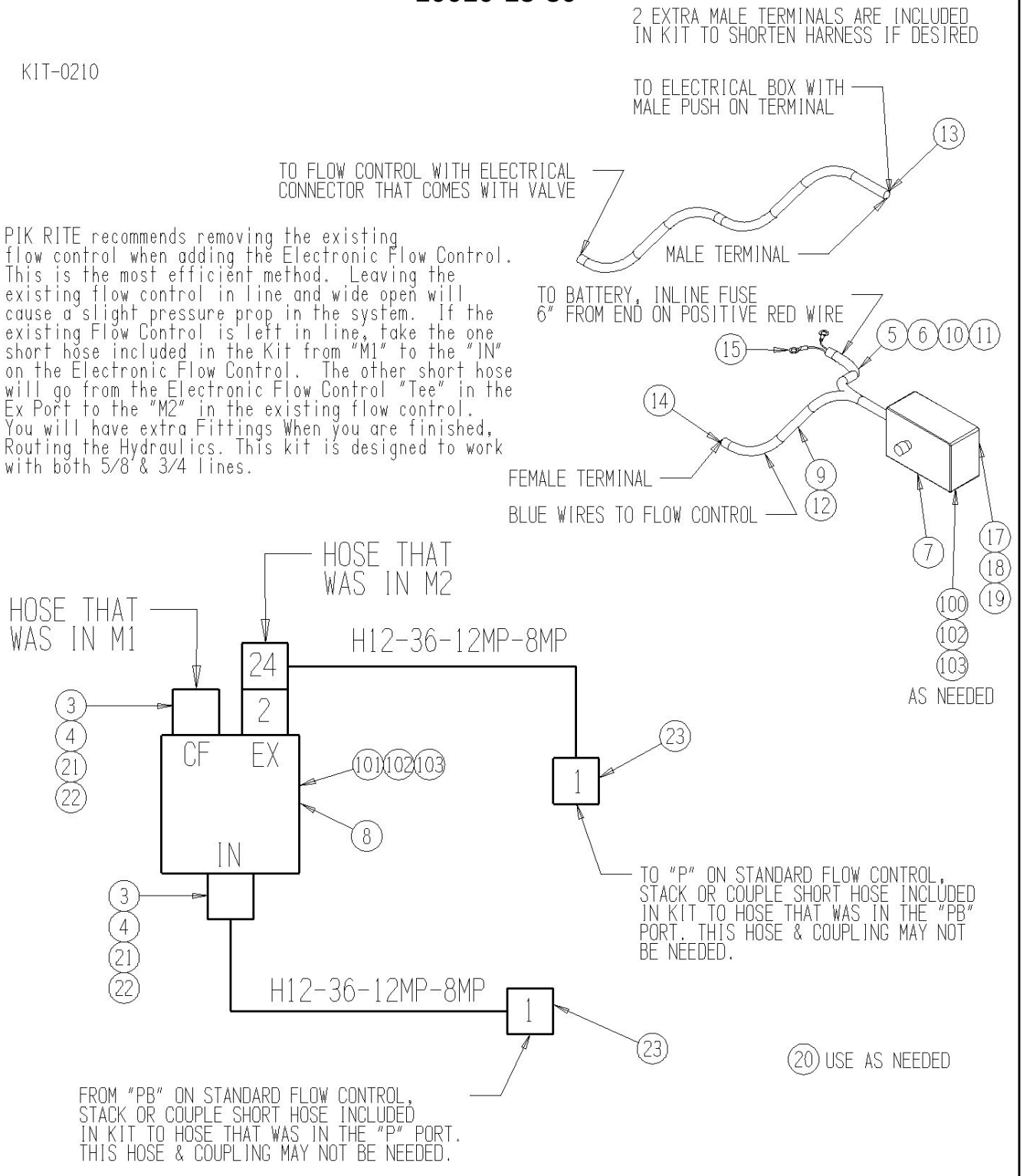
Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	EL-0037	Control Box, Double HHC, 09 (190)	1		
0	DC-1009	DECAL 190 TOMATO	1		
800	EL-805	Automotive Fuses 10 Amp	0		
801	ELM-107-A	Beeper	1	ELM-107	

10010-15-30 Optional Remote Activated Flow Control

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	0500	Assembly Area	0.5		
0	KIT-0210	Remote Electric 25 GPM Flow Control Fits All	0		
1	A-1405-8-8	1/2” NPT Coupler W/Swivel	2		
2	A-6401-12-8	12 SAE x 1/2” MP Hex Nipple	1		
3	A-6900-12-12	12 SAE x ¾”FPX	2		
4	A-6901-12-12	12 SAE x ¾” FPX 90°, Forged	2		
5	EL-46000	Inline Fuse Holder	1		
6	EL-46102	2 Amp Fuse, Type AGC	1		
7	HV-1201	Brand Flow Valve Electronic Box	1		
8	HV-FL-B	Flo Control Adjust Rod	1		
9	ELC-14-BL	14 Gauge Wire (Blue)	120		
10	ELC-14-R	14 Gauge Wire, Red	5		
11	ELC-14-BLK	14 Gauge Wire, Black	5		
12	ELL-375	3/8” Wire Loom @ft	60		
13	ELT-31712	Push On Male 14-16 ga	2	HV-1045K	
14	ELT-31713	Push On Female Terminal 14-16 ga.	4	HV-1045K	
15	ELT-52565	Ring Terminal 5/16 x 14-16ga	2	HV-1045K	
17	VC-0550	Velcro One Wrap Strap @ yd	0.5		
18	VC-9001	4” Velcro Loop w/ Pressure Sensative Back @ yard	0.1		25 Yards Per Roll
19	VC-9151	4” Velcro Hook w/ Pressure Sensative Back @ yard	0.1		
20	WT-17H	Heavy Duty Wire Tie 17.5”	20		
21	A-6900-12-8	12 SAEx 1/2” FPX	2		
22	A-6901-12-8	12 SAE x 1/2” FPX 90°, Forged	2		
23	A-1404-8-12	1/2 MP x 3/4 FPX	2		
24	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
25	H12-36-12MP-8MP	¾ in hose ¾MP x 1/2MP x 36 in long	3		
26	HVE-2500	Electronic Flow Control Valve	1		
100	BL-4-125-H	1/4-20 X 1 1/4 HEX CAP G5 ZC	2		

101	BL-4-300-H	1/4-20 X 3 HEX CAP G5 ZC	2
102	BL-4-FW	1/4 USS FW ZC	8
103	BL-4-LN	1/4-20 HEX LN NE ZC	4

10010-15-30

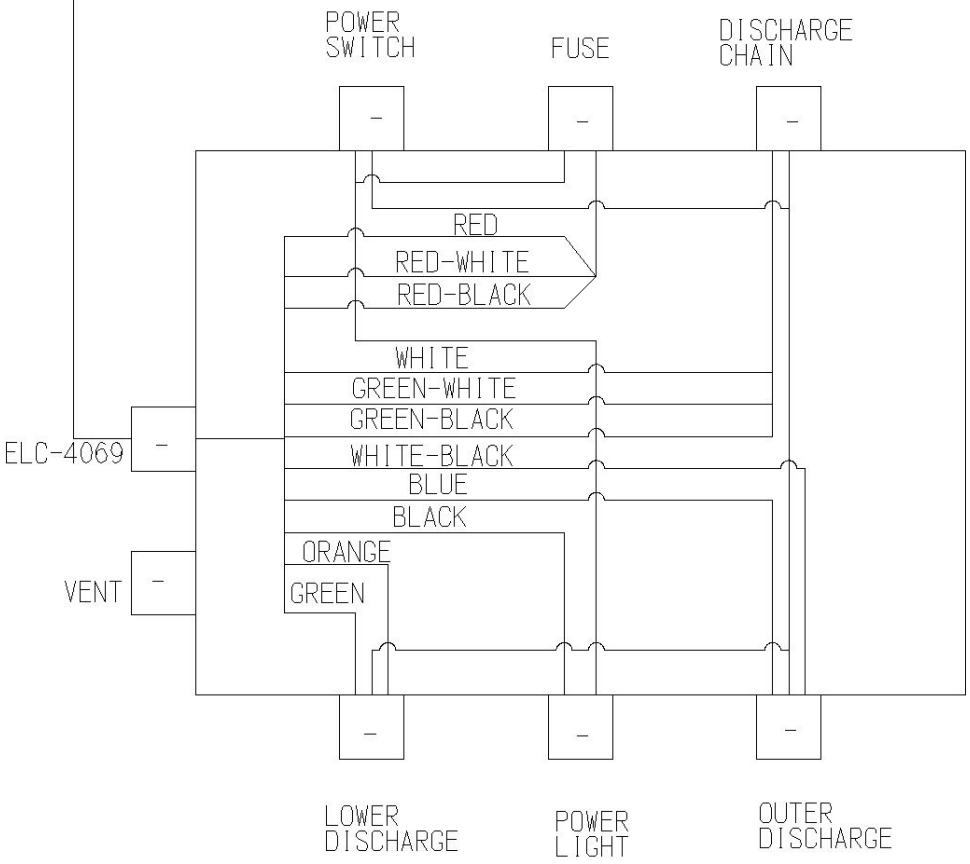

2 EXTRA MALE TERMINALS ARE INCLUDED IN KIT TO SHORTEN HARNESS IF DESIRED
KIT-0210
TO ELECTRICAL BOX WITH MALE PUSH ON TERMINAL
13
TO FLOW CONTROL WITH ELECTRICAL CONNECTOR THAT COMES WITH VALVE
MALE TERMINAL
PIK RITE recommends removing the existing flow control when adding the Electronic Flow Control. This is the most efficient method. Leaving the existing flow control in line and wide open will cause a slight pressure prop in the system. If the existing Flow Control is left in line, take the one short hose included in the Kit from "M1" to the "IN" on the Electronic Flow Control. The other short hose will go from the Electronic Flow Control "Tee" in the Ex Port to the "M2" in the existing flow control. You will have extra Fittings When you are finished, Routing the Hydraulics. This kit is designed to work with both 5/8 & 3/4 lines.
TO BATTERY, INLINE FUSE 6" FROM END ON POSITIVE RED WIRE
15
5
6
10
11
14
FEMALE TERMINAL
BLUE WIRES TO FLOW CONTROL
9
12
7
17
18
19
100
102
103
AS NEEDED
HOSE THAT WAS IN M2
HOSE THAT WAS IN M1
H12-36-12MP-8MP
24
2
3
4
21
22
CF
EX
101
102
103
8
IN
1
23
TO "P" ON STANDARD FLOW CONTROL, STACK OR COUPLE SHORT HOSE INCLUDED IN KIT TO HOSE THAT WAS IN THE "PB" PORT. THIS HOSE & COUPLING MAY NOT BE NEEDED.
H12-36-12MP-8MP
20 USE AS NEEDED
FROM "PB" ON STANDARD FLOW CONTROL, STACK OR COUPLE SHORT HOSE INCLUDED IN KIT TO HOSE THAT WAS IN THE "P" PORT. THIS HOSE & COUPLING MAY NOT BE NEEDED.

10010-15-31 On Board Control Station

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
1	EL-15-975	Remote Control Box w/cable	1	All machines with electrohydraulics	

10010-15-31

RED-BLACK +	
RED-WHITE +	
RED +	
GREEN-BLACK	CHAIN ON/OFF
GREEN-WHITE	CHAIN ON/OFF
WHITE	CHAIN ON/OFF
WHITE-BLACK	OUTER DISCHARGE DOWN
BLUE	OUTER DISCHARGE UP
ORANGE	INNER DISCHARGE DOWN
GREEN	INNER DISCHARGE UP
BLACK	-GROUND



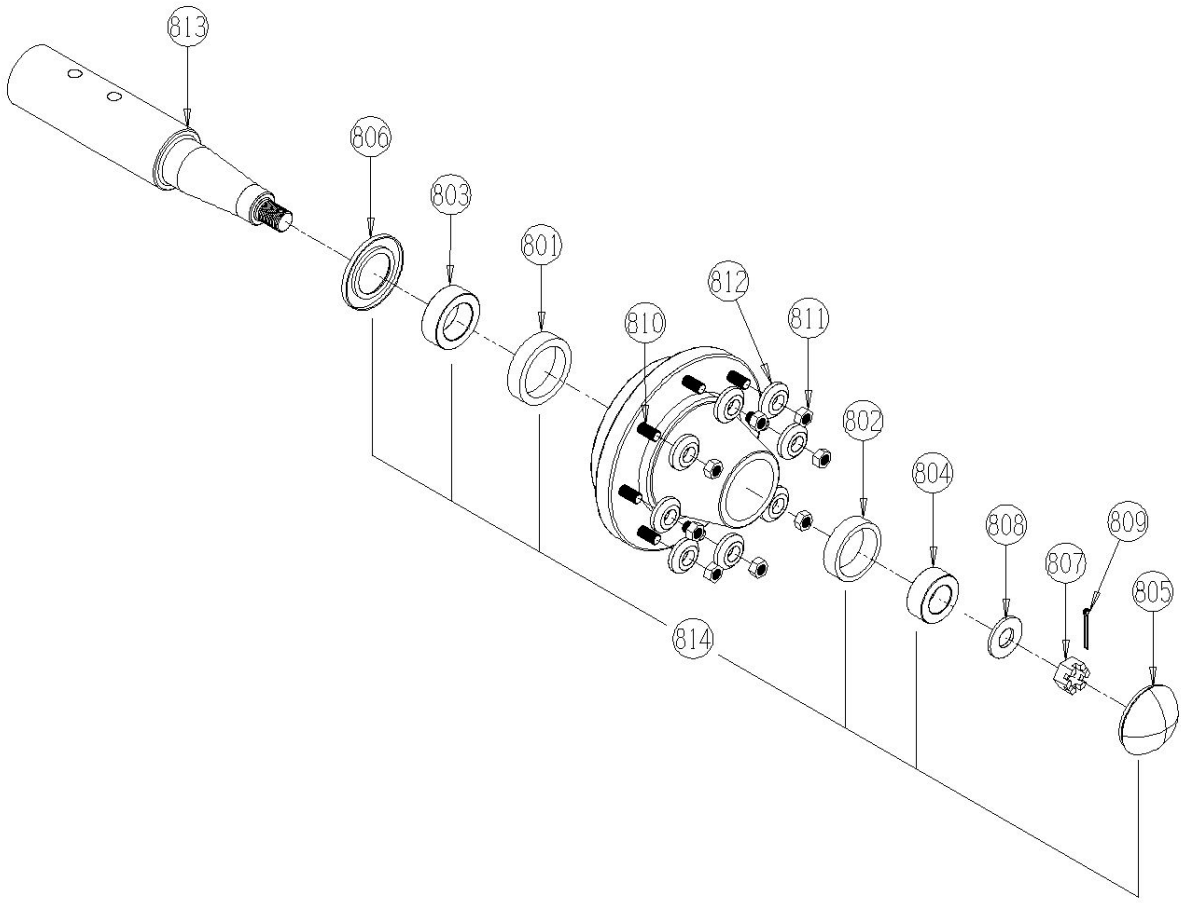
10010-20-01 Decals For Bell Pepper

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	DC-0001	Decal, Gauges	1	30096001-	Used with PAN-0001
0	DC-0008	Rotating Parts Hazard, Stay Away, Warning	1	597-	
0	DC-0010	Decal, Grease Every 10 hrs.	1		
0	DC-0050	Decal, Grease Every 50 hrs.	8		
0	DC-1174	Decal, Danger Keep Hands and Feet Away	4		
0	DC-1175	Decal, Danger, Rotating Blade Hazard	1		
0	DC-1176	Decal, Danger-Hand Chain Sprockets	6		
0	DC-1177	Decal, Large White PIK RITE 8” x 58”	1		
0	DC-1178	Decal, Small Red PIK RITE 4.25” x 31”	1		
0	DC-1179	Moving Part Hazard Decal	3		
0	DC-1184	Danger Decal, 3” x 16”	1		
0	DC-A1	6” Amber Reflective Tape	1		
0	DC-A2	11” Amber Reflective Tape	1		
0	DC-ARROW	Decal,Yellow Direction Arrow	2		
0	DC-RW1	4” Red and White Reflective Tape	2		
0	DC-RW2	5” Red and White Reflective Tape	1		
0	DC-RW3	6” Red and White Reflective Tape	1		
0	DC-RW4	8” Red and White Reflective Tape	2		
0	DC-RW5	10” Red and White Reflective Tape	2		
0	DC-RW6	11” Red and White Reflective Tape	1		
0	DC-RW7	18” Red and White Reflective Tape	3		

10010-80-02 Optional Spindle & Hub for Single Wheel, Left

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	WHL-1210	Hub and Spindle Assembly	0		
801	WHL-1210A	Inner Cup	1		
802	WHL-1210B	Outter Cup	1		
803	WHL-1210C	Inner Cone	1		
804	WHL-1210D	Outer Cone	1		
805	WHL-1210E	Dust Cap	1		
806	WHL-1210F	Grease Seal	1		
807	WHL-1210G	Flange Nut, Spindle	1		
808	WHL-1210H	Washer, Spindle	1		
809	WHL-1210I	Cotter Pin, Spindle	1		
810	WHL-1210J	Wheel Stud Bolt	8		
811	WHL-1210K	Wheel Stud Nut	8		
812	WHL-1210L	Wheel Stud Washer	8		
813	WHL-1210M	Spindle	1		
814	WBR-1210K	Wheel Bearing Kit for WHL-1210 Hub & Spindle Assy.	1	WHL-1210	inner & outer cones & cups and grease seal

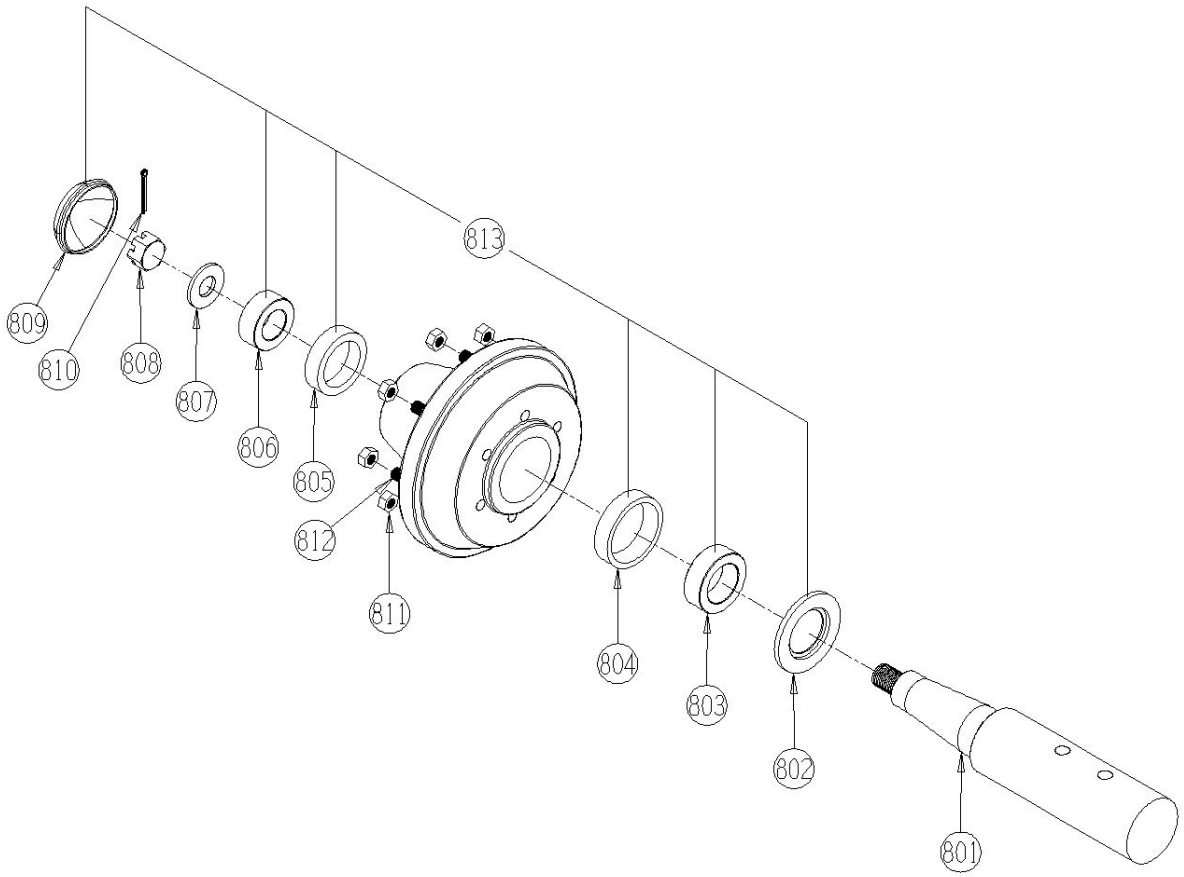
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10010-80-03 Optional Spindle & Hub for Single Wheel, Right

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	WHL-3000	Hub Assembly Complete (includes spindle)	0		Harvesters use WHL-3000-2
801	WHL-3001	Spindle 3” x 16”	1	WHL-3000	
802	WHL-3000G	Seal	1	WHL-3000	
803	WHL-3000C	Inner Cone	1	WHL-3000	
804	WHL-3000A	Inner Cup	1	WHL-3000	
805	WHL-3000B	Outer Cup	1	WHL-3000	
806	WHL-3000D	Outer Cone	1	WHL-3000	
807	WHL-3000K	Spindle Washer	1	WHL-3000	
808	WHL-3000J	Spindle Nut	1	WHL-3000	
809	WHL-3000H	Hub Cap	1	WHL-3000	3 1/8 od
810	PIN-C3-16-32	Cotter Pin 3/16 x 2”	1		
811	WHL-3000F	Lug Nut	8	WHL-3000	
812	WHL-3000E	Stud Bolt	8	WHL-3000	
813	WBR-3000K	Wheel Bearing Kit for WHL-3000 Hub & Spindle Assy.	1	WHL-3000	

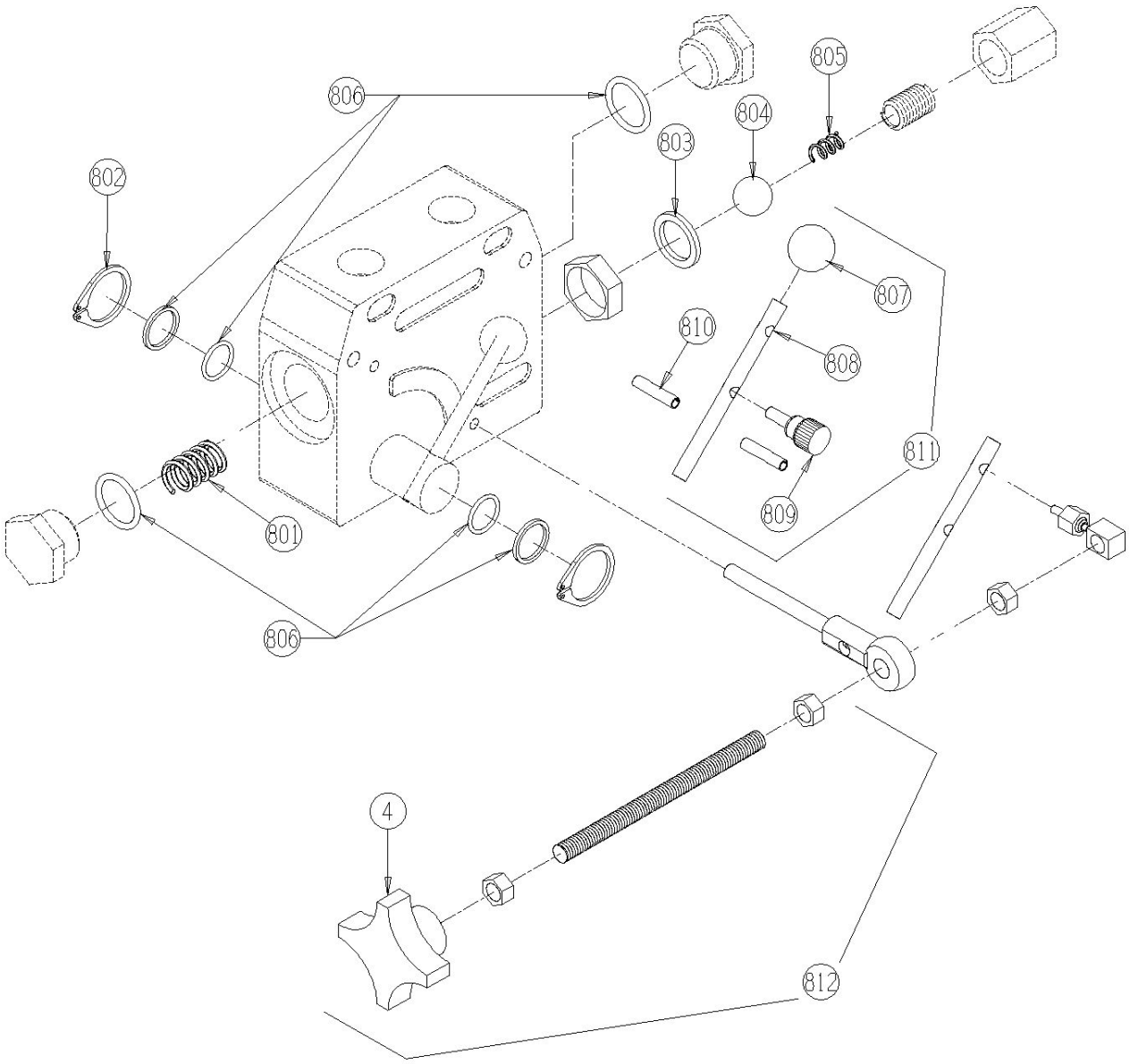
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10010-80-04 Hydraulics, Flow Control Parts Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HV-FL30-R	Hydraulic Flo Control Valve with Relief 30GPM	0		
0	HV-FL30	Flow Control Valve 30GPM	0		
0	HV-FL16-R	Hydraulics, Flow control valve 16GPM w/ Relief	0		
0	HV-FL16	Flow control valve 16GPM	0		
801	HV-1030C	Flo control spool spring	1		
802	HV-1030F	Flo Control Rotary Spool Snap Ring	2		
803	HV-1030G	Crush Washer	1		
804	HV-1030B	Flo control relief ball	1		
805	HV-1030A	Flow control relief spring	1		
806	HV-1030D	Flo control seal kit	1		(2) O-Rings, (2) Backups for Rotary Spool, & (2) End Cap O-Rings for Pressure Spool.
811	HV-1030E	Flo Control Handle Hardware Kit	1		
812	HA-1090K	Fine Tune Speed Control Kit	1	Prince & Brand Flow Controls	All

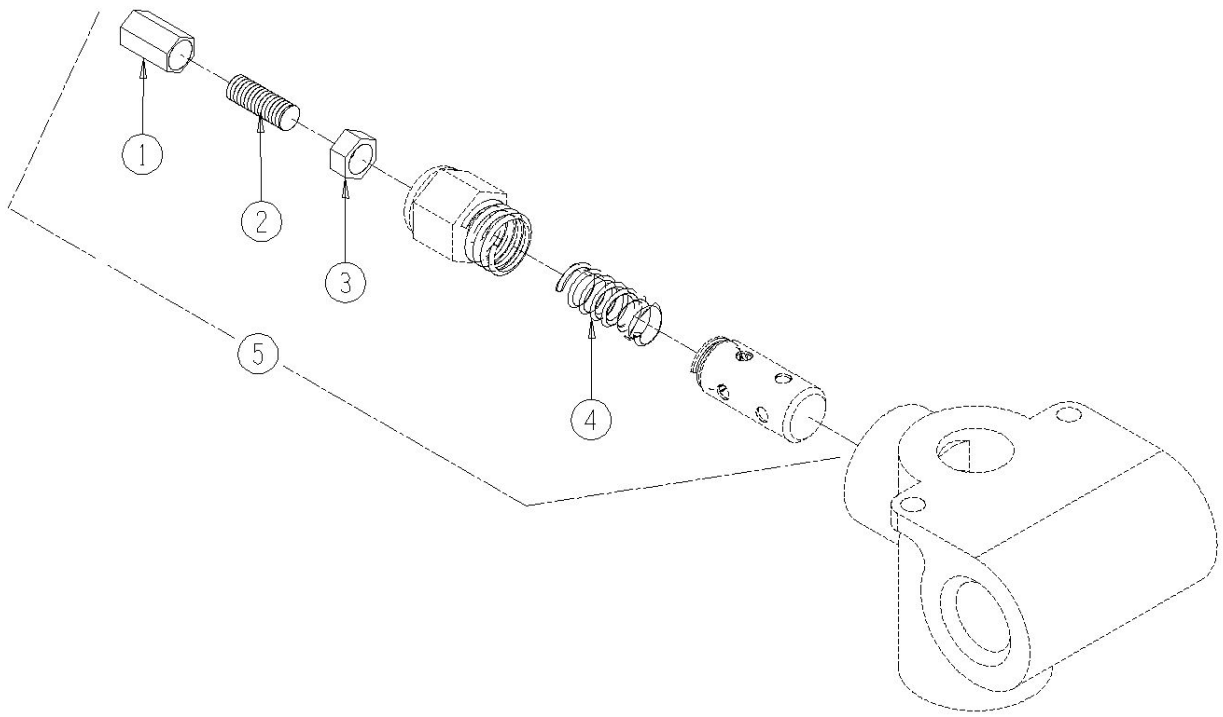
10010-80-04



10010-80-05 Hydraulics, Relief Valve Parts Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
0	HV-RV-1H	Relief valve w/ SAE #12 ports	0		
0	HV-RV-3H	Relief Valve w/ SAE #10 Ports	0		
1	HV-RV-C	Relief Valve Adjuster Cap	1	HV-RV-0H	
2	HV-RV-A	Relief Valve Adjuster	1	HV-RV-0H	
3	HV-RV-N	Relief Valve Adjuster Lock Nut	1	HV-RV-0H	
4	HV-RV-S	Relief Valve Spring	1	HV-RV-0H	
5	HV-RV-0H	Relief Valve Cartridge	1	HV-RV-1H, HV-RV-2H, HV-RV-3H, HV-RV-4H	

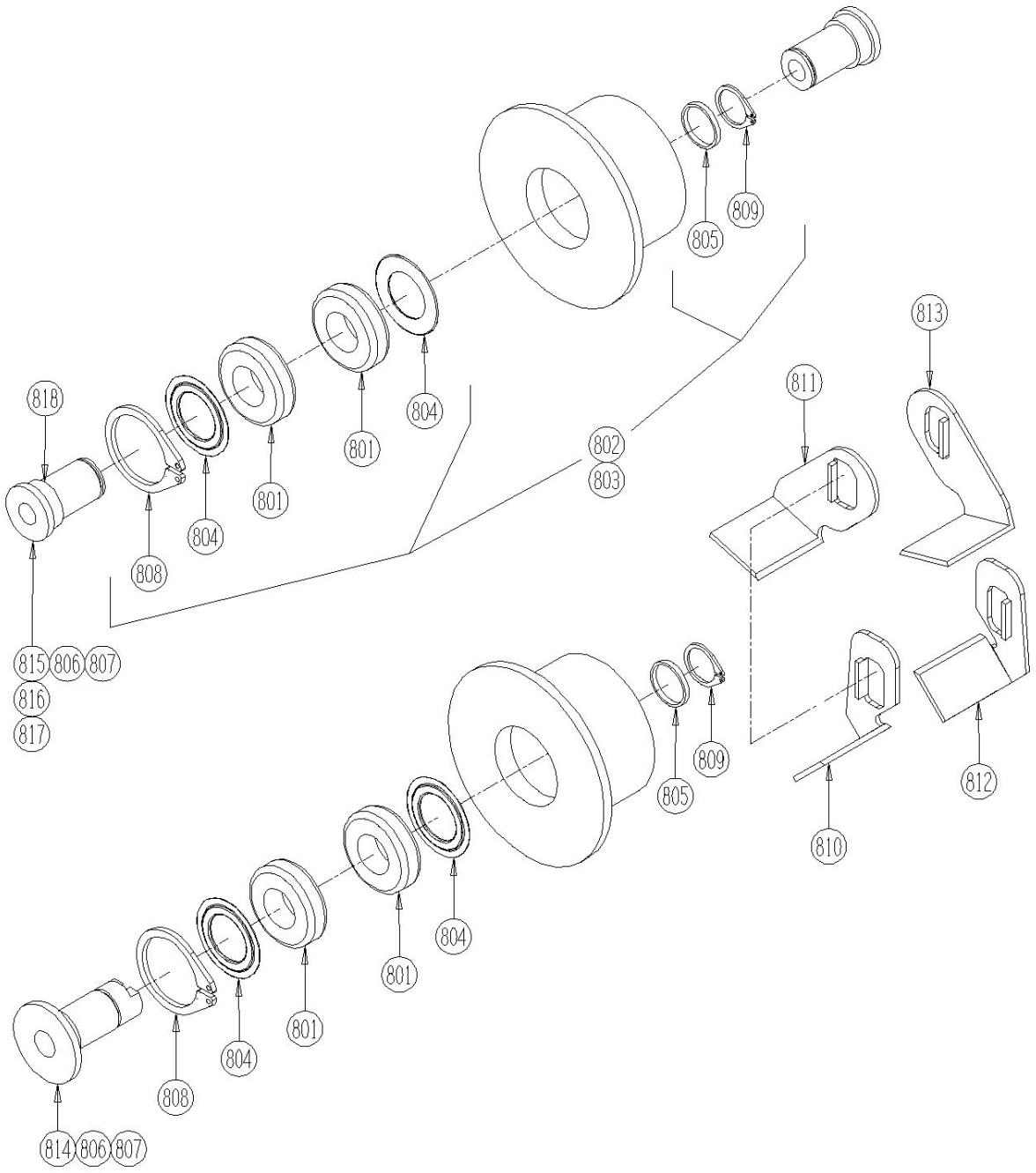
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10010-80-06 Roller Parts Assembly

Ref	Part No.	Description	Parts – Assembly	Will Fit SN	Remarks
801	BR-025-052	Bearing, for Terog Rollers	2		
802	BR-025-052-U	Bearing Kit for Terog Rollers	1		Includes (1)RLA-103, (2)RLA-000-101, (2)BR-025-052, (1)RLA-000-102, (1)RLA-104
803	BR-025-052-W	Bearing Kit for Terog Roller, Single Bearing	1		Same as BR-025-052-U, except has only (1)BR-025-052.
804	RLA-000-101	Metal Seal	2		
805	RLA-000-102	Seperator Ring	1		
806	RLA-006-078	Bushing 1/2” x 5/8” x .75”	1		
807	RLA-006-128	Bushing, 1/2” x 5/8” x 1.25	1		
808	RLA-103	Snap Ring	1		
809	RLA-104	Snap Ring	1		
810	RLA-3023-TM	Scraper for Nose Roller, RH	1	For use with RLS-522-2010-SC roller only	
811	RLA-3023-T	Straight Scraper, RH	1		
812	RLA-3024-TM	Scraper for Nose Roller, LH	1	For use with RLS-522-2010-SC roller only	
813	RLA-3024-T	Straight Scraper	1		
814	RLT-SSP2	Stub Shaft Only for mounting 3023S and 3024S: 5/8 bore	1		
815	RLT-SSU1	Stub Shafts for Rollers: 1/2” bore, 2” Length	1		
816	RLT-SSU2	Stub Shafts for Rollers: 5/8” bore, 2” Length	1		
817	RLT-SSU3	Stub Shafts for Rollers: ¾” bore, 2” Length	1		
818	RLT-SSW1	Stub Shaft for Rollers: 1/2” Bore, 1¼” Length	1	RLT-535-12*	

10010-80-06


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