



60 PIK RITE LANE, LEWISBURG PA 17837

PHONE: 570-523-8174 FAX: 570-523-8175

EMAIL: frontdsk@pikrite.com WEBSITE: www.pikrite.com

Dear Grower,

Welcome to the growing family of satisfied Pik Rite equipment owners. Our goal is to help make your harvest as enjoyable and trouble free as possible by providing equipment that is durable and keeps down time to a minimum.

In order to provide customer service and a supply of original equipment parts to keep your machine well maintained, we are continually striving to keep our systems state-of-the-art. We utilize all available resources that allow us to provide accurate and timely deliveries.

We will continue to give you the service you have come to expect from our dealer representatives and us. In order to avoid any delays during your harvest season we make every effort to have someone available to take your calls 24 hours a day. We have shipping companies in place to deliver your parts as expediently as possible. Whether you live a few miles down the road or on the other side of the globe you can count on us.

Sincerely,

Clint Morris
Sales
parts@pikrite.com

Parts and Service Hotline
800-326-9763

www.pikrite.com

TABLE OF CONTENTS

1108-1-1 Main Frame Assembly	10
1108-1-2 Tongue Assembly	12
1108-1-3 Hitch Assembly	Error! Bookmark not defined. 14
1108-1-4 1 3/8"-21 (OPTIONAL) PTO Assembly	16
1108-1-5 1 3/4"-20 (STANDARD) PTO Assembly	18
1108-1-6 Standard Axle Assembly.....	20
1108-1-6.1 Optional Steering Axle Assembly.....	22
1108-1-6H Standard Axle Indicator Hydraulic Plumbing	24
1108-1-7 Wheel & Rocker Assembly	26
1108-1-8 Hub & Spindle Assembly	28
1108-1-9 Optional Fender Kit "Header Side"	30
KIT-0200 Fender, Header Side, 290 Harvester.....	30
1108-2-1 Disk Header Frame Assembly	32
1108-2-1.1 Wide Disk Header Frame Assembly	34
1108-2-2 Disk Drive Shaft Assembly	36
1108-2-3 34" Disk Shaft Assembly (Standard).....	38
1108-2-4 36" Disk Shaft Assembly (Optional).....	40
1108-2-5 Gathering Chain Assembly	42
1108-2-6 Header Height Parts Assembly.....	44
1108-3-1 Primary Header Assembly	46
1108-3-1.1 Vibrator Primary Header	49
1108-3-2 Gauge Wheel Assembly	52
1108-3-3 Secondary Header Assembly	54
1108-3-4 Header Drive Shaft Assembly.....	56

1108-3-5 Header Return Roller Assembly	58
1108-3-6 Header Dirt Vibrator Assembly	60
1108-3-7 Header Bar Cleaner Assembly (Standard)	62
1108-3-8 Header Vine Assist Assembly.....	64
1108-3-9 Header Dust Shield Assembly	66
1108-4-1 Primary Shaker Frame Assembly	68
1108-4-2 Primary & Secondary Shaker Covers	70
1108-4-3 Primary Shaker Drum Assembly.....	72
1108-4-4 Primary Shaker Weight & Box Assembly.....	74
1108-4-5 Secondary Shaker Drum Assembly	76
1108-4-6 Secondary Shaker Weight & Box Assem.....	78
1108-4-7 Primary & Secondary Shaker Weight Covers	80
1108-4-8 Primary Shaker Ring & Finger Assembly.....	82
1108-4-9 Secondary Shaker Ring & Finger Assembly.....	84
1108-4-10 Optional Shaker Tine Covers.....	86
1108-4-11 Optional Shaker Spacer Tubes.....	88
1108-4-12 Optional Half Ring & Finger Assembly.....	90
1108-4-13 Shaker Weight Box Shield Assembly.....	92
1108-5-1 Vine & Transfer Chamber Assembly.....	95
1108-5-1.1 Fan Under Shaker Chamber Assembly	99
1108-5-2 Transfer Drive Shaft Assembly	102
1108-5-3 Transfer Return Roller Assembly.....	104
1108-5-4 Transfer Bar Cleaner Assembly (Standard).....	106
1108-5-5 Optional Transfer Dirt Vibrator Assembly	108
1108-5-6 Vine Chain Drive Shaft Assembly	110

1108-5-7	Optional Vine Chopper Assembly	112
KIT-0155	Vine Chopper for HC-290 Tomato.....	112
1108-6-1	Cross Conveyor Assembly	116
1108-6-2	Cross Conveyor Drive Shaft Assembly.....	118
1108-6-3	Cross Conveyor Return Roller Assembly	120
1108-6-4	Cross Conveyor Bar Cleaner Assem.....	122
1108-6-5	Cross Conveyor Cleaner Roller, Above Rear Panel	124
1108-7-1	Debris Fan Assembly.....	126
1108-7-2	Debris Fan Paddle Assembly	128
1108-8-1	Debris Belt Assembly.....	130
1108-8-2	Debris Belt Drive Assembly	132
1108-8-3	Debris Belt Idler Assembly.....	134
1108-8-4	Debris Belt Shield Assembly.....	136
1108-8-5	Decking Above Debris Belt Assembly.....	138
1108-8-6	Optional Elevation Dirt Vibrator Assembly	140
1108-9-1	Lower Elevation Assembly.....	142
1108-9-2	Lower Elevation Divider Bar Assembly	144
1108-9-3	Elevation/Presort Assembly	146
1108-9-4	Elevation Drive Shaft Assembly.....	148
1108-9-5	Elevation Chain Cleaner Assembly.....	150
1108-9-6	Elevation Rod Jumper Assembly	152
1108-9-7	Color Sorter Assembly.....	154
1108-9-8	Optional 2nd Sorter Elevation/Presort Assembly.....	156
1108-9-9	Optional 2nd Sorter Divider Bar Assembly	158
1108-9-10	Optional 2nd Sorter Elevation Drive Shaft Assembly.....	160

1108-9-11	Optional 2nd Color Sorter Assembly.....	162
1108-9-12	Optional 2nd Sorter Short Aftersort Assembly	164
1108-9-13	Optional 2nd Sorter Short Aftersort Idler Assembly	166
1108-9-14	Optional 2nd Sorter Short Aftersort Drive Assembly.....	168
1108-9-15	Optional 2nd Sorter Side Shield Assembly	170
1108-9-16	Opt. Elevation/Presort Frame & Bar Cleaner Assy	173
1108-9-17	Opt. Color Sorter For Presort Belt Assembly	176
1108-9-18	Opt. Elevation W/ Presort Drive Shaft Assembly	178
1108-9-19	Opt. Presort Drive Shaft Assembly	180
1108-9-20	Opt. Presort Idler Assembly	182
1108-10-1	Aftersort Assembly.....	184
1108-10-2	Aftersort Divider Roller Assembly	186
1108-10-3	Aftersort Idler Assembly.....	188
1108-10-4	Aftersort Drive Assembly	190
1108-10-5	Aftersort Shield Assembly.....	192
1108-10-6	Handrail & Decking Over Aftersort Assembly	Error! Bookmark not defined. 194
1108-11-1	Discharge Basket Assembly	196
1108-11-2	Inner Discharge Assembly	198
1108-11-3	Middle Discharge Assembly	200
1108-11-4	Outer Discharge Assembly	202
1108-11-5	Discharge Drive Shaft Assembly	204
1108-12-1	Grease Banks, Axle & Header Pivot.....	206
1108-12-2	Optional Grease Banks.....	208
1108-13-1	Standard Canopy Assembly	210
1108-13-2	Optional Aftersort Enclosure Assembly	212

1108-13-3	Optional Elevation Enclosure Assembly	214
1108-13-4	Opt. Aftersort Enclosure Fresh Air Fan Assembly	216
1108-13-5	Inner Decking Assembly	218
1108-13-6	Outer Decking Assembly	220
1108-13-7	Outer Hand Rail Assembly	222
1108-14-1	Air Compressor Assembly	225
1108-14-2	Air Tank & Dryer Assembly.....	228
1108-14-3	Air System Line & Component Assembly	231
1108-14-5	Optional Additional Air Tank Assembly.....	234
KIT-0201	2nd Air Tank Kit 290.....	234
1108-15-1	Oil Tank Assembly.....	236
1108-15-2	Oil Cooler & Filter Assembly.....	238
1108-15-3	Optional Shaker Rotation Valve Section Assembly	240
1108-15-4	Shaker Rot. Valve Sect. Assembly w/Fresh Air Fan	242
1108-15-5	Shaker Wgt & Header Vib. Valve Section Assem.....	244
1108-15-5.1	Opt. Shaker Wgt.&Header Vib.W/ Transfer Valve Assy.....	246
1108-15-6	Aftersort & Discharge Valve Section Assembly	248
1108-15-6.1	Optional Discharge Valve Section Assembly.....	250
1108-15-7	Header Component Valve Section Assem.....	252
1108-15-7.1	Remote Header Chain, Valve Assembly.....	254
1108-15-8	Optional Elevation W/ Presort Belt Assembly	256
1108-15-8.1	Opt. Elev w/Pres Belt & 2nd Sorter Assem.....	258
1108-15-8.2	Elevation/Presort Chain Flow Control Assembly.....	260
1108-15-9	Fan/Vine Chain Valve Section Assembly.....	260
1108-15-9.1	Optional Chopper Valve Section Assembly	262

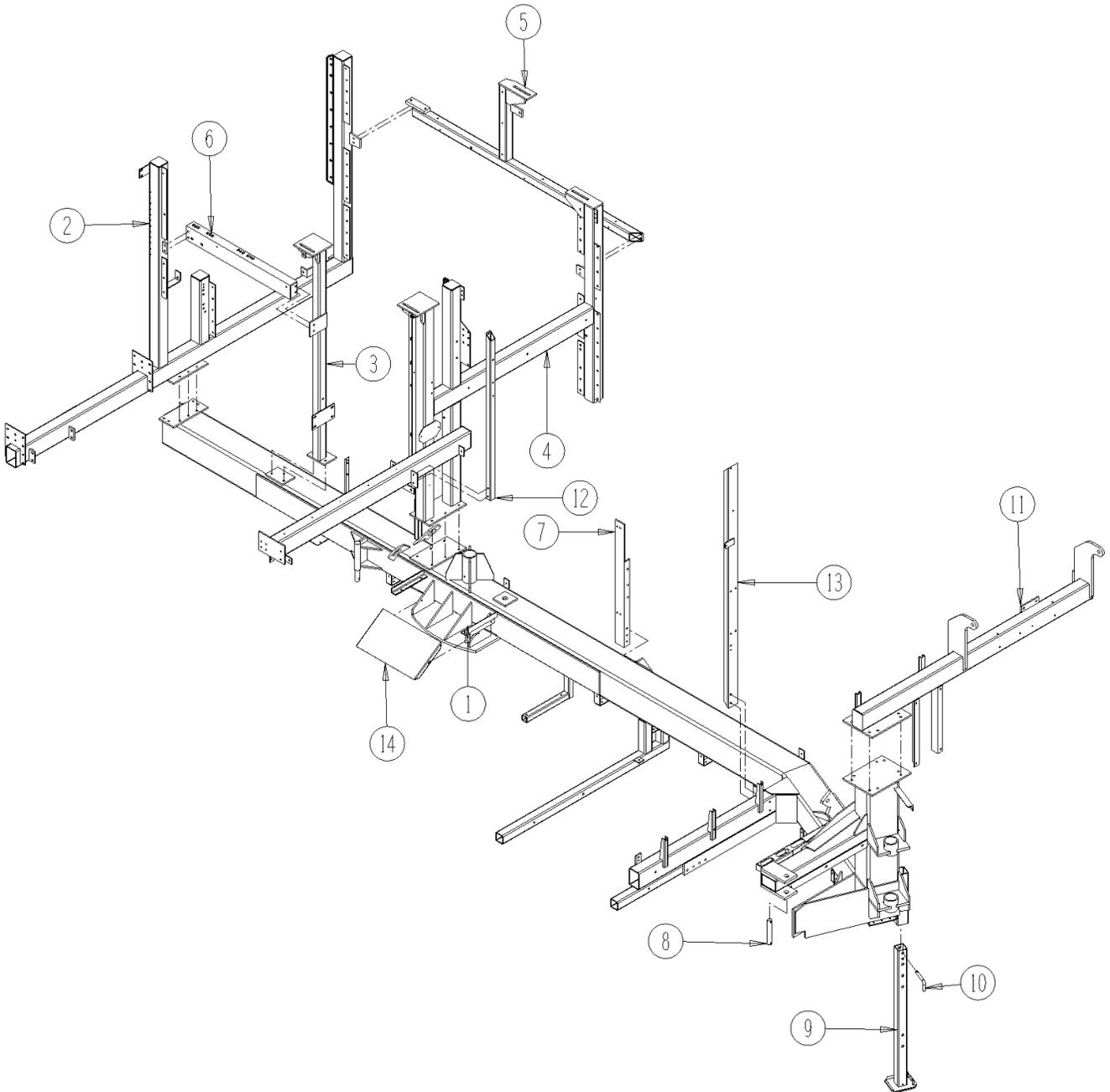
1108-15-10 Hydraulic Motor Plumbing Assembly	265
1108-15-15 Optional Half Fixed Speed Valve Assembly	272
1108-15-16 Hydraulic Relief Assembly	274
1108-15-19 Safety Disk Shut Off & Reverser Assembly	276
1108-15-20 Electronic Flow Cn (3/4" Lines w/Relief) Assembly	278
1108-15-21 Electronic Flow Control (3/4" Lines) Assembly	280
1108-15-22 Electronic Flow Control (5/8" Lines) Assembly	282
1108-15-23 Prince Flow Control Parts Assembly.....	284
1108-15-24 Hydraulic Panel Component Mounting Assembly	286
1108-16-1 Hydraulic Cylinder Plumbing Assembly	Error! Bookmark not defined. 289
1108-16-2 Hydraulic Cylinder Control Bank.....	292
1108-16-3 Electric/Hydraulic Valve Assembly.....	294
1108-16-4 Electric/Hydraulic Unloading Inlet Section	296
1108-16-5 Ele./Hyd. Double Locking Valve Section.....	298
1108-16-6 Double Locking Valve Section w/Steel Seats	300
1108-17-1 Electric Component Assembly	302
1108-17-2 Control Box Electrical Assembly	307
1108-17-3 Optional Joy Stick Header Control.....	310
1108-18-1 WHL-3000 Hub & Spindle Replacement Parts	312
1108-18-2 HM-412C Hydraulic Motor Replacement Parts	314
1108-18-3 SRT-1548 48" Odenberg Sorter Replacement Parts	315
1108-18-4 Steel Roller Replacement Parts.....	316
1108-18-5 3.5 Dia. Roller Replacement Parts.....	318
1108-18-6 2.75 Dia. Roller Replacement Parts.....	320
1108-18-7 Disk Reverser Replacement Parts.....	322

PARTS CATALOG

1108-1-1 Main Frame Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	DC-3025	Red and White Reflective Tape @ 150 ft Roll	0.04		
0	DC-3026	Orange Reflective Tape @ 50ft Roll	0.06		
1	FRM-8105	Main Frame, HC 290 Tomato Harvester	1		
2	FRM-8101	Frame, Rear Cross Frame, High Capacity Tomato	1		
3	POS-8400	Post On Main Frame, Shaker, High Cap Tomato	1		
4	FRM-8400	Shaker Frame, High Capacity Tomato Machine	1		
5	SUP-8400	Mount, Tube, Shaker Frame, High Cap Tomato	1		
6	ARM-8450	Support, Mount, Inner Secondary Shaker, HC290	1		
7	BRA-8107	Bracket, Mount Header Panel, HC290	1		
8	PIN-8111	Pin, Tongue Main Frame, High Cap. Tomato	1		
9	WH-8100	Adjuster, Jack Stand, Main Frame, High Cap. Tomato	1		
10	PIN-8102	Pin, Jack Stand, Main Frame, HC290 Tomato	1		
11	FRM-8250	Frm. Header Cyl. Mount, HC290	1		
12	POS-8100	Post, Inside Between Canopy Frm & Shaker Frm	1		
13	POS-8750	Post, Innr, Frnt Handsort, Canopy, High Cap Tom	1		
14	SHD-8105	Shield,Frame By Axle Rt.-Side 290	1		

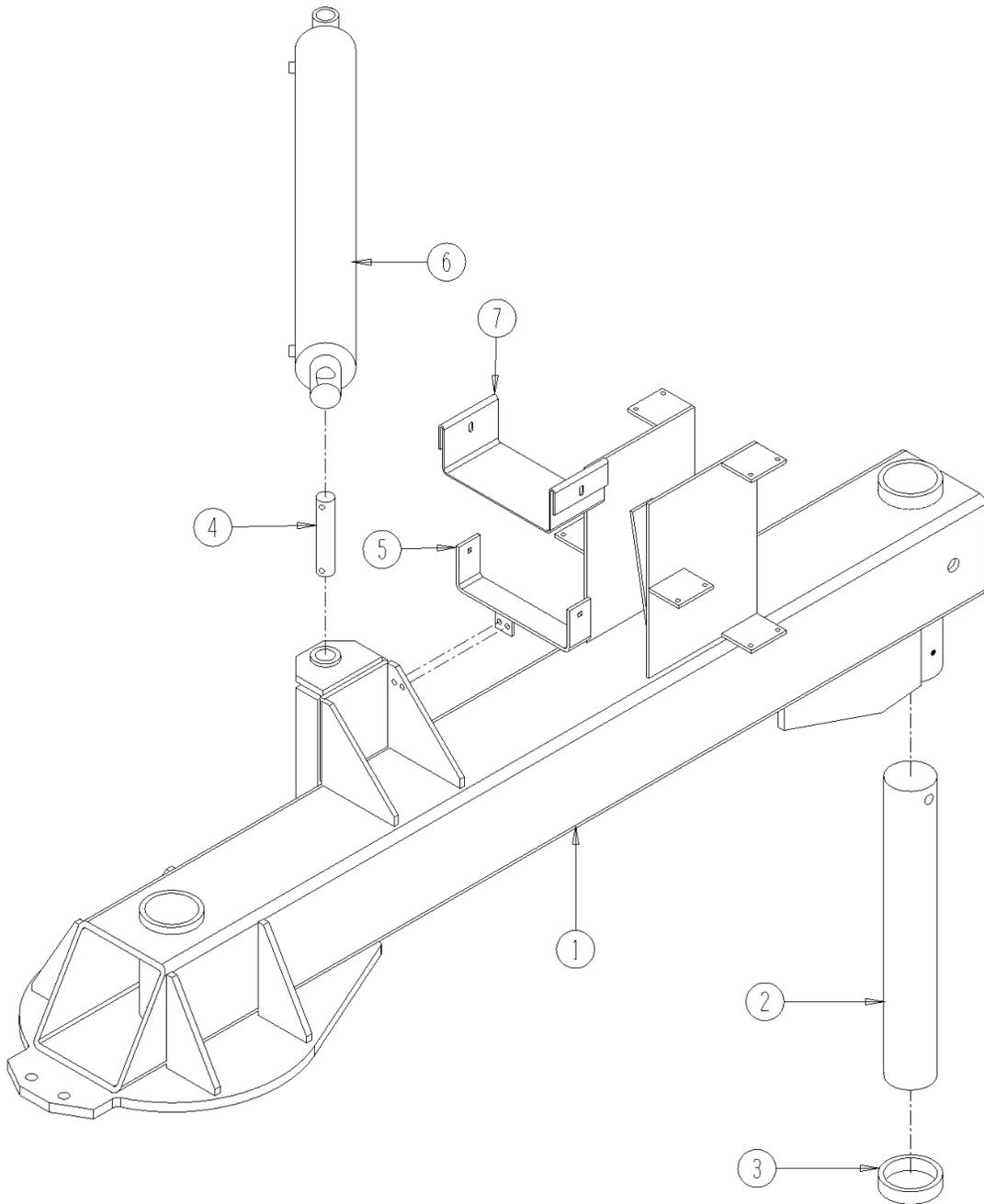
1108-1-1



1108-1-2 Tongue Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FRM-8110	Tongue, Main Frame to The Two Point Hitch	1		
2	PIN-8110	Tongue Swivel, Main Frame, High Cap Tomato	1		
3	SPA-8110	Bushing, Tongue Swivel, High Cap Tom	1		
4	SFT-8110	Shaft, Cylinder Pin, Tonge HC290	1		
5	BRA-8110	Bracket, Hose Holder, Tongue HC290	1		
6	HC-400-30	Hydraulic Cylinder 4" x 30"	1		Seal Kit Part No. HC-400-SK (PMCK-5600)
7	BT-8110	Belting, Hose Holder, Gooseneck	1		
8	DC-4W	Decal, Logo, White, 5.25" Long, Tanks, 1/29/99	1		
9	DC-1183	Company Information Decal, 3" x 7.75"-	1		
10	DC-1180	Serious Injur/Death Decal, Read Manual	1		

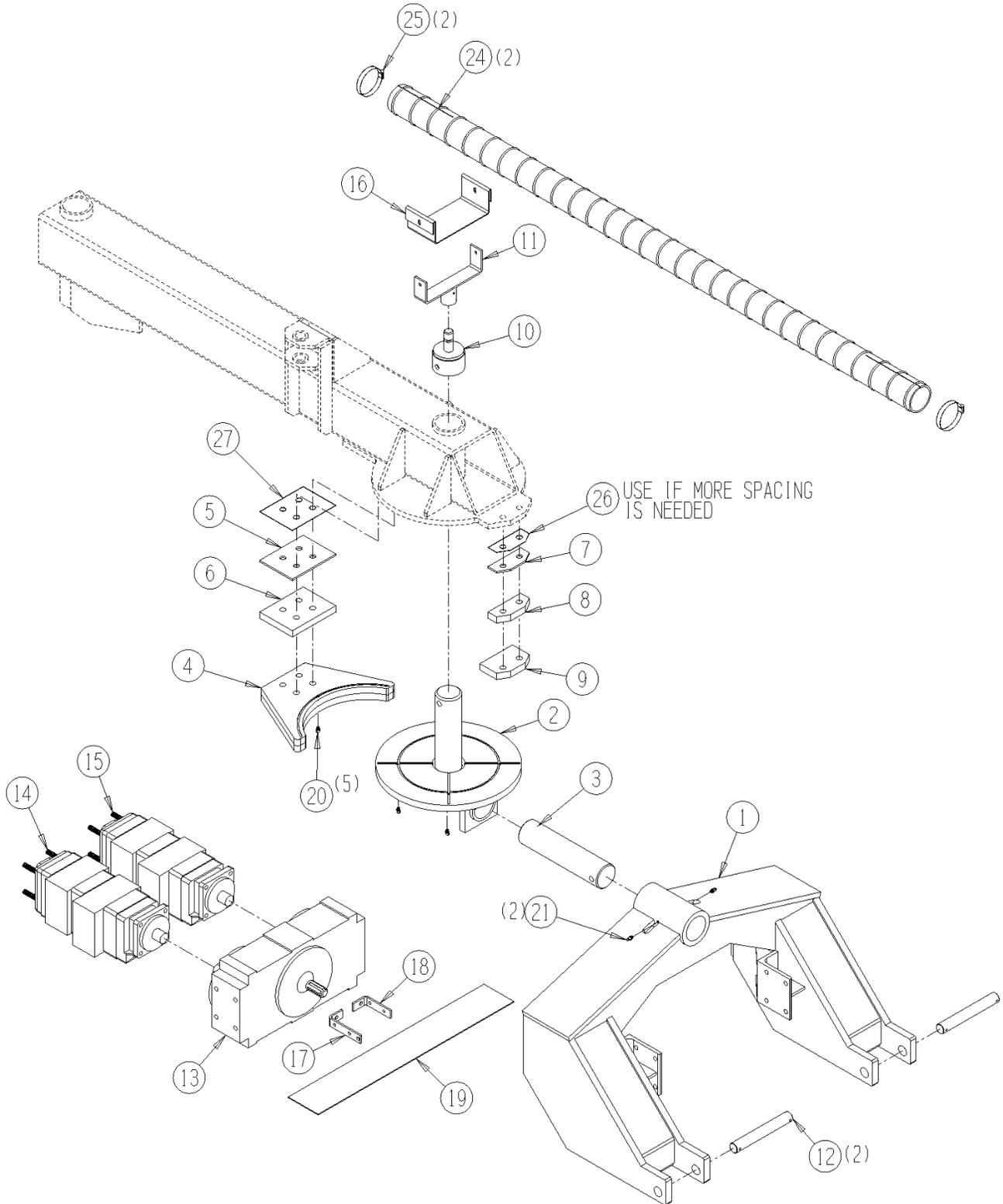
1108-1-2



1108-1-3 Hitch Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	HP-630	Synthetic Gear & Bearing Oil @ Qt.	3.5		*Acceptable Substitute;Chevron-Hipersyn220
1	FRM-8111	Frame, 2 Point Hitch HC290 Tomato	1		
2	PIN-8210	Gooseneck Hitch Pivot/Swivel, Tractor Hitch Frm	1		
3	SFT-8112	Shaft, Gooseneck Hitch Pivot, HC290	1		
4	SUP-8210	Support, Rear Swivel Plate, Gooseneck Hitch	1		
5	BAR-8213	Bar, Spacer, Back Top, Hitch/Tongue, HC290	1		
6	BAR-8214	Bar, Spacer, Back, Bottom, Hitch/Tongue, HC290	1	BAR-8214	
7	BAR-8215	Bar, Spacer, Front Top, Hitch/Tongue, HC290	1		
8	BAR-8216	Bar, Spacer, Front Middle, Hitch/Tongue, HC290	1		
9	BAR-8217	Bar, Spacer, Front Bottom, Hitch/Tongue, HC290	1		
10	POS-8110	Post, Pivot Holder, Tongue	1		
11	SUP-8110	Support, Pivoting Hose Holder, Tongue HC290	1		
12	PIN-0002	Pin Weldment	2		
13	GBX-252	Two Pad Gearbox for HC290	1		Use only HP-630 Oil 3.5 Quart
14	HP-365-C15	Hydraulic Pump, Model 365	1		
15	HP-365-C17	Hydraulic Pump, Model 365	1		
16	BT-8110	Belting, Hose Holder, Gooseneck	1		
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	GF-1827-45	Grease Fitting 1/8 NPT 45°	5		
21	GF-1827	Grease Fitting 1/8 NPT Straight	2		
22	DC-0021	Decal, Caution, 1000 rpm PTO	1		
23	DC-0025	Decal, Danger, Entanglement In Rotating Drive	1		
24	HOS-350-4-96S	3-1/2" ID, Clear Suction Line Covering	2		
25	CL-72	5" Gear Clamp	4		
26	BAR-8218	Bar, Spacer, Front, Gooseneck Hitch	2		
27	SPA-8213	Spacer, Back, Hitch Support	2		
100	BL-24-FW	1 1/2" Flat Washer, Zinc	20		

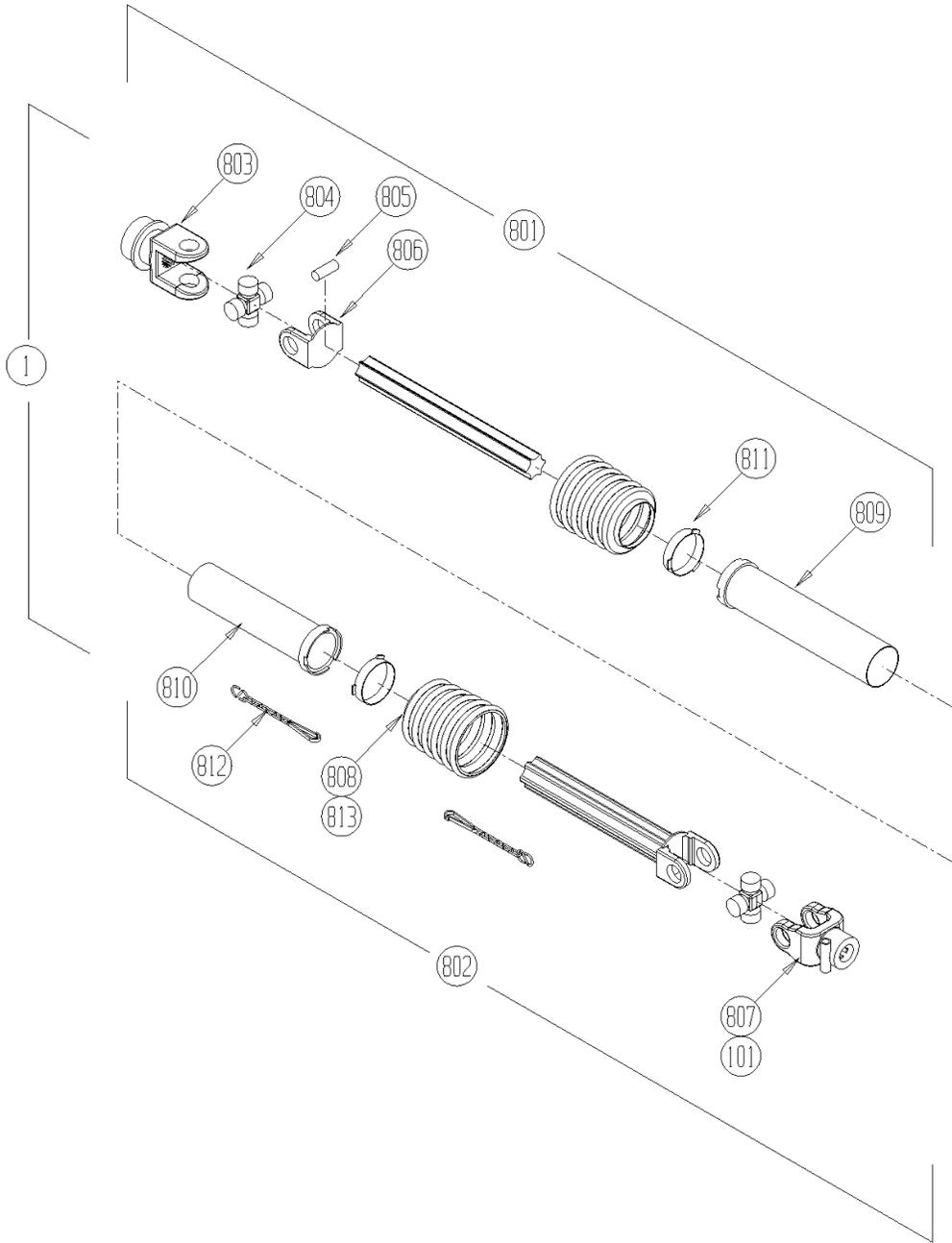
1108-1-3



1108-1-4 1 3/8"-21 (OPTIONAL) PTO Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
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	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		

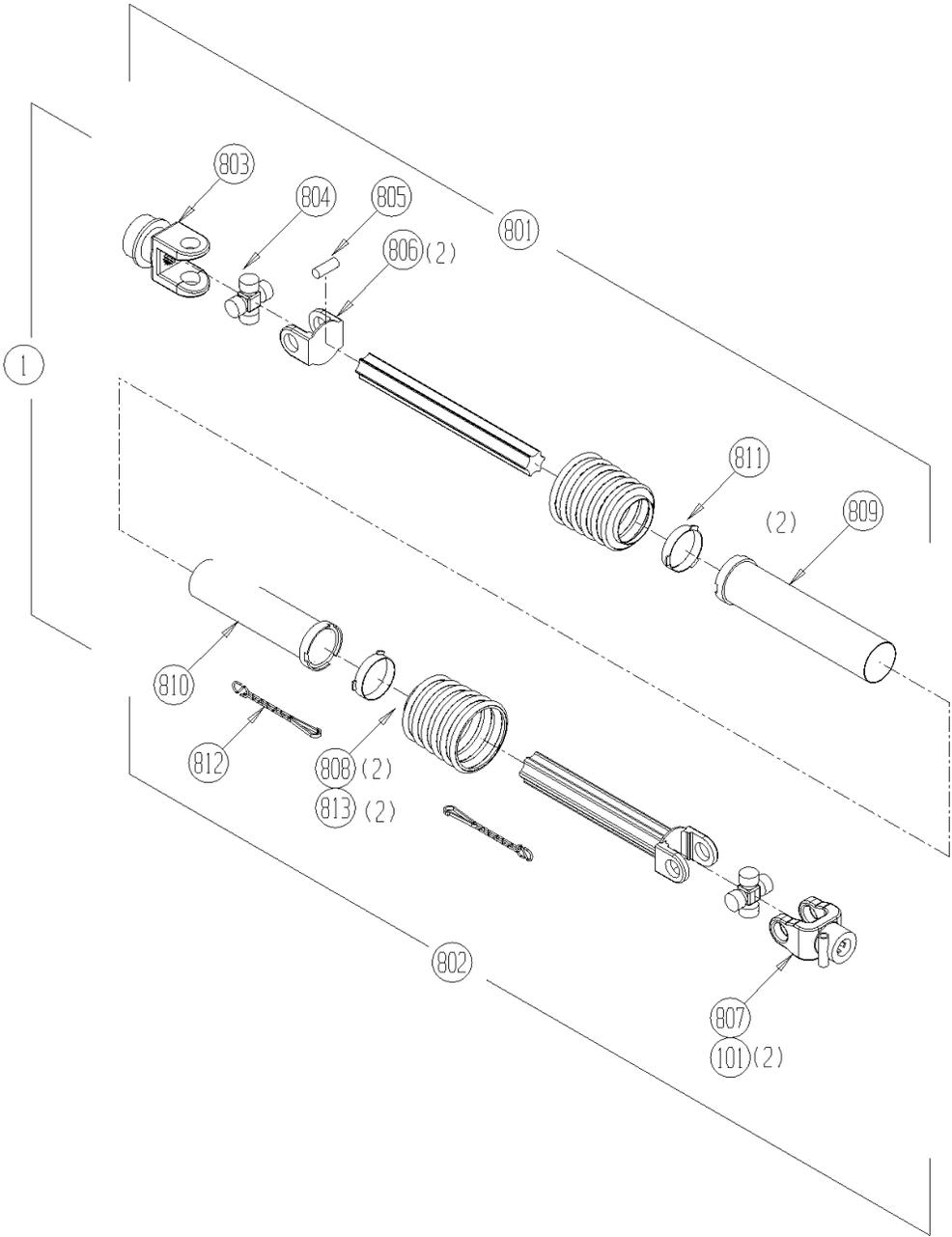
1108-1-4



1108-1-5 1 3/4"-20 (STANDARD) PTO Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PTS-8106	1-3/4 x 20-spline x 1-3/8 6-spline gearbox (HC290)	1		
801	PTS-8106-FH	1-3/4 x 20-spline Front Half 2600 Series (HC290)	1		
802	PTS-8106-RH	1-3/8 6-spline Rear Half 2600 Series (HC290)	1		

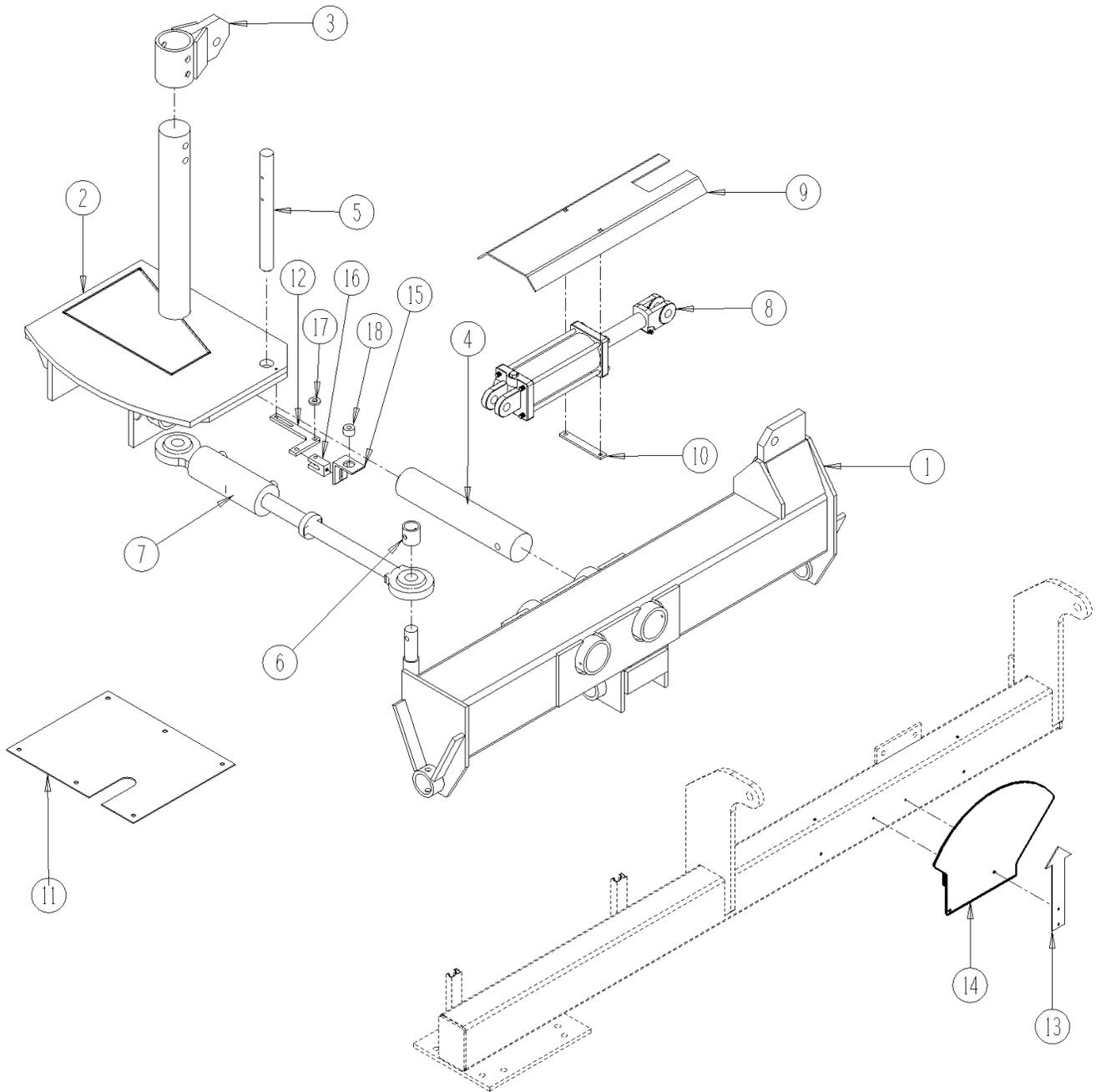
1108-1-5



1108-1-6 Standard Axle Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHL-8112	Axle, Main Frame, HC290	1		
2	PIN-8113	Axle Swivel Pin	1		
3	MOU-8109	Mount, Bushing on Axle Swivel, High Cap Tom	1		
4	SFT-8109	Shaft, Pin, Axle Swivel, HC290 Tomato	1		
5	SFT-8111	Shaft, Long Pin, Axle Swivel, HC290 Tomato	1		
6	SPA-8100	Spacer, Axle Cylinder, HC290 Tomato	2		
7	HC-350-608S	Hydraulic Cylinder 3.5 bore x 6" stroke 30.75" retracted	1		
8	HC-400-08	Tie Rod Cylinder, 4" x 8", #8 SAE Port	1		Seal Kit Part No. HC-400-08-SK (PMCK-B400000)
9	SHD-8100	Top, Axle Shield, HC290 Tomato	1		
10	BAR-8609	Bar, Shield Hold, Axle, HC290 Tomato	1		
11	COV-8100	Cover, Hydraulic Cylinder, Axle Assembly, 290 Tomato	1		
12	BAR-2024	Axle Indicator Bar	1		
13	SHD-8006	Arrow, Axle Indicator, HC290	1		
14	SHD-8005	Shield, Axle Indicator, HC290	1		
15	BAR-2025	Angle	1		
16	BAR-2023	Clevis	1		
17	SPA-2025	Spacer	1		
18	SPA-2024	Spacer	1		
19	ELC-30	30' PTO Cable, Axle Indicator Model 290	1		
101	BL-8-100-SC	1/2-13 x 1" Knurled Point Set Screw	2		
102	BL-6-600-C	3/8-16 x 6 Carriage Bolt GR5	2		
103	BL-6-N	3/8-16 HEX NUTS ZC	2		
104	BL-6-LW	3/8 SPLIT LW ZC	2		

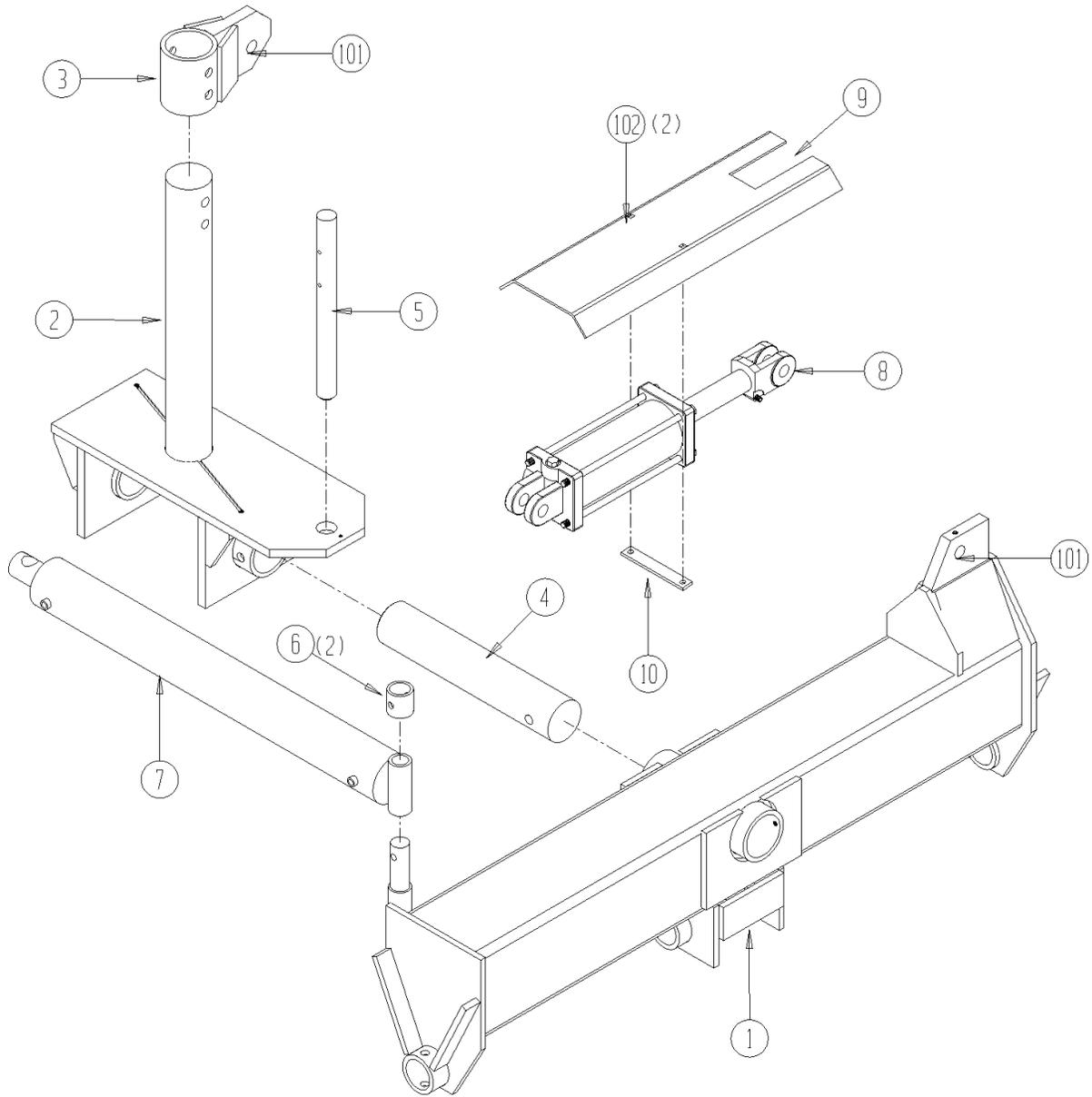
1108-1-6



1108-1-6.1 Optional Steering Axle Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	COV-8100	Cover, Hydraulic Cylinder, Axle Assembly, 290 Tomato	1		
1	WHL-8109	Axle, On Main Frame, High Cap Tomato Machine	1		
2	PIN-8109	Axle Swivel, High Cap Tomato Machine	1		
3	MOU-8109	Mount, Bushing on Axle Swivel, High Cap Tom	1		
4	SFT-8109	Shaft, Pin, Axle Swivel, HC290 Tomato	1		
5	SFT-8111	Shaft, Long Pin, Axle Swivel, HC290 Tomato	1		
6	SPA-8100	Spacer, Axle Cylinder, HC290 Tomato	2		
7	HC-350-12	3 1/2 x 12 Welded-Double Acting Cylinder for Steering	1		
8	HC-400-08	Tie Rod Cylinder, 4" x 8", #8 SAE Port	1		Seal Kit Part No. HC-400-08-SK (PMCK-B400000)
9	SHD-8100	Top, Axle Shield, HC290 Tomato	1		
10	BAR-8609	Bar, Shield Hold, Axle, HC290 Tomato	1		
101	BL-8-100-SC	1/2-13 x 1" Knurled Point Set Screw	2		
102	BL-6-600-H	3/8 UNC X 6 HH C/S BOLT GR5 ZINC	2		
601	EL-0009	Actuator Control Panel With Potentiometer	1		
602	ELC-8004	Axle Control Cable 28', HC290	1		

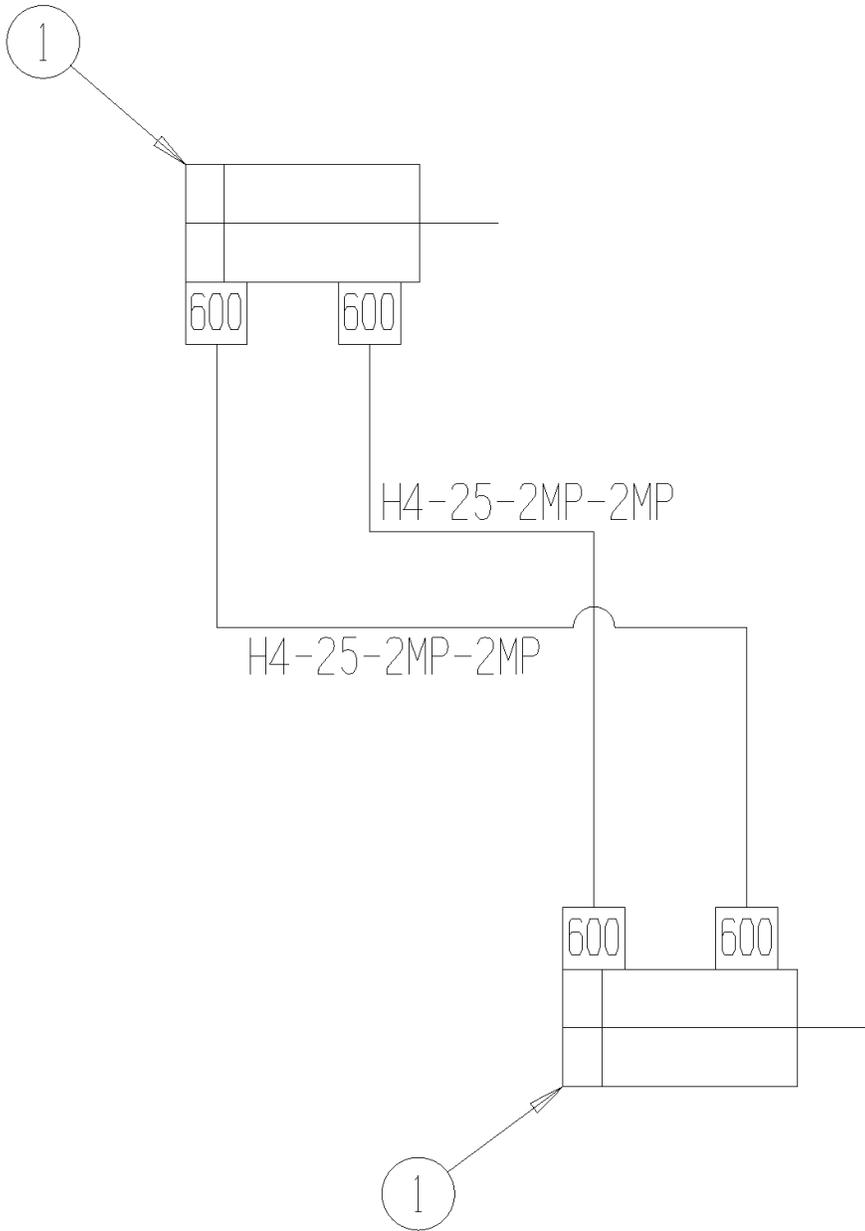
1108-1-6.1



1108-1-6H Standard Axle Indicator Hydraulic Plumbing

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	AC-6-MT	1 1/16" x 6" Double Act Universal MT Air Cylinder	0		
600	A-1404-2-2	1/8 MP x 1/8 FPX	4		
600	A-1501-2-2	1/8" MP x 1/8" FPX90°	4		
601	H4-300-2MP-2MP	1/4" Hose x 2MP x 2MP x 300" Long	2		

1108-1-6H



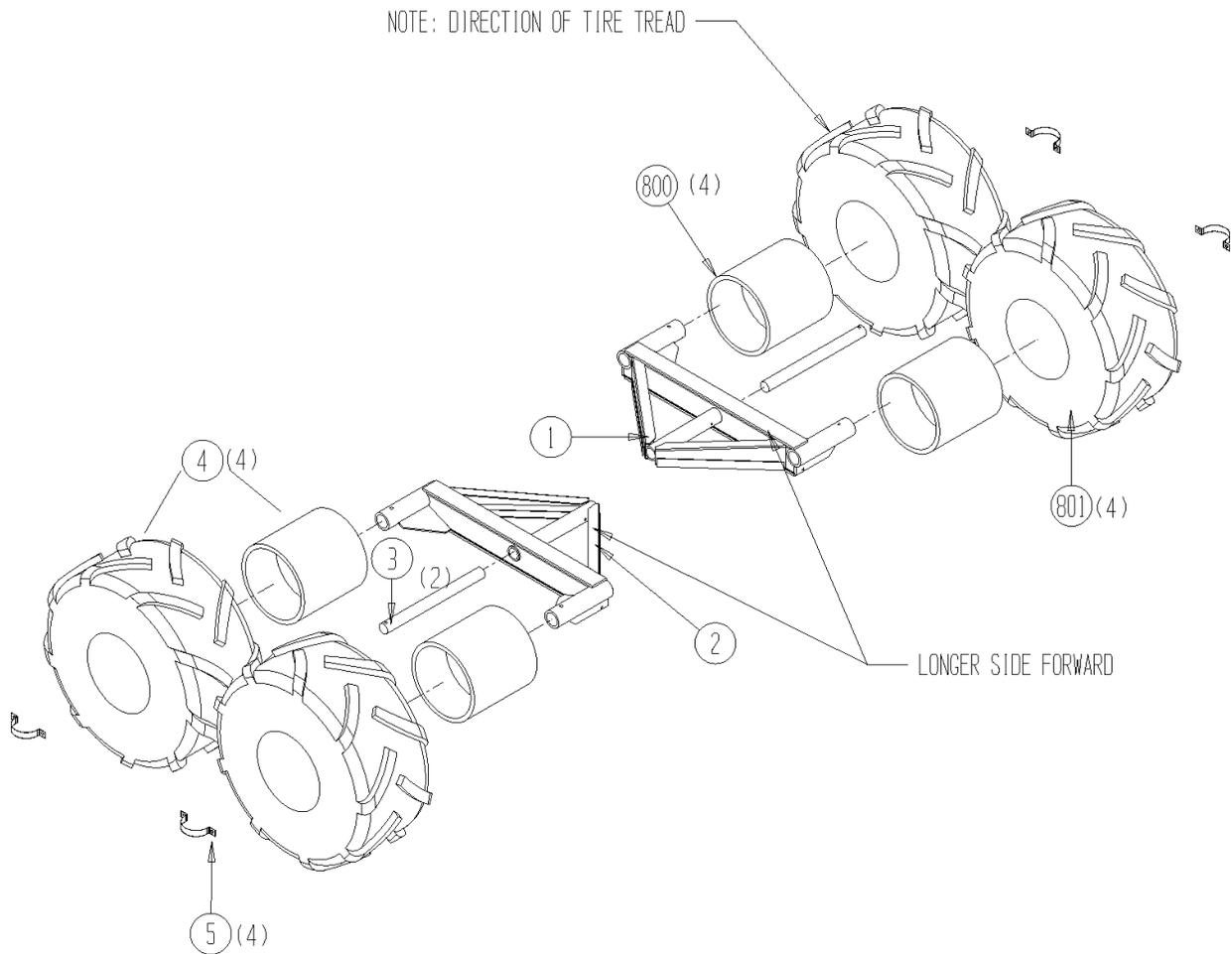
1108-1-7 Wheel & Rocker Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHL-8100	Right Rocker, Axle, HC290 Tomato	1		
2	WHL-8101	Left Rocker, Axle, HC290 Tomato	1	WHL-8100	
3	PIN-8101	Pin, Rocker, Axle w/5/8" Hole	2		
4	WHM-8002	High Capacity Tomato Tire/Wheel Assy. Mounted	4	290	Recommended Tire Pressure, 43 lbs.
5	BRA-8111	Bracket, Strap, Wheel & Rocker	4		
800	WHT-3100	8-8-6 Wheel, 3/8" Positive Offset (Trelleborg)	4		
801	WHT-8002	500/60-22.5 TR Tire 421 Tread Type	4		



1108-1-7

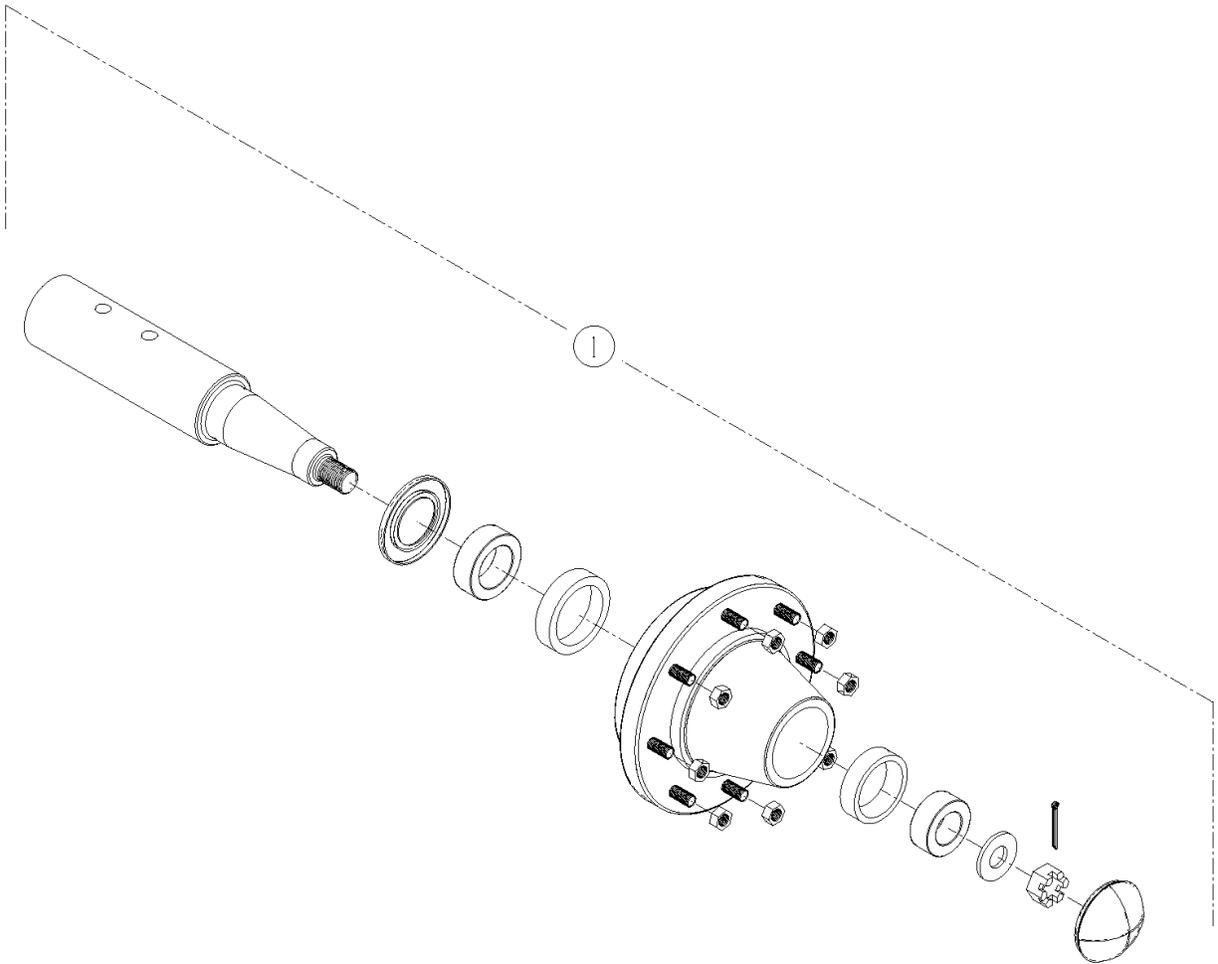
NOTE: DIRECTION OF TIRE TREAD



1108-1-8 Hub & Spindle Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHL-3000	Hub Assembly Complete (includes spindle)	4		rated for 7500 lbs. CJM

1108-1-8



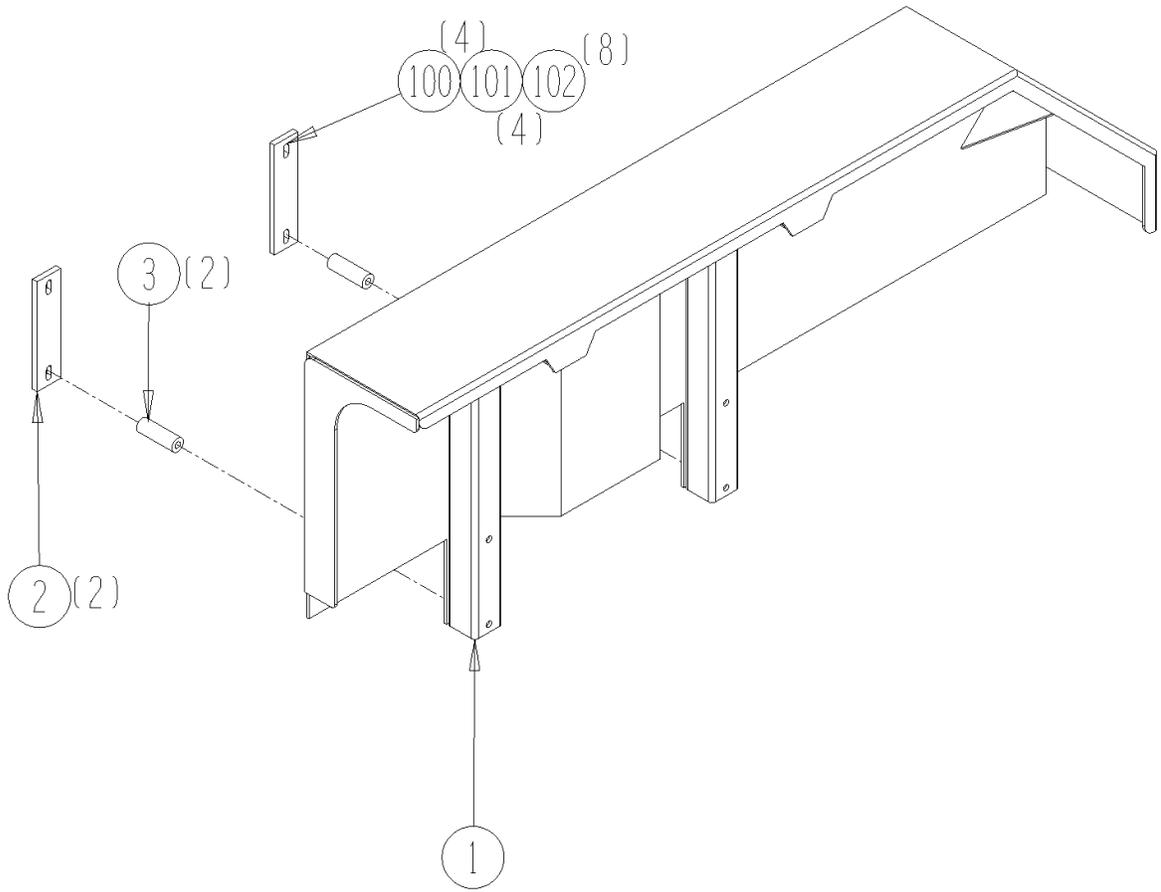
1108-1-9 Optional Fender Kit "Header Side"

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	KIT-0200	Fender, Header Side, 290 Harvester	1		

KIT-0200 Fender, Header Side, 290 Harvester

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SHD-0122	Fender, 290 Tomato Harvester	1		
2	BAR-0111	Backing Bar	2		
3	SPA-0059	Spacer, Fender, 190 Tomato Harvester	2	SPA-0059	
100	BL-8-850-8	1/2-13 x 8 1/2 HH G8	4		
101	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
102	BL-8-FW	1/2 USS FW ZC	8		

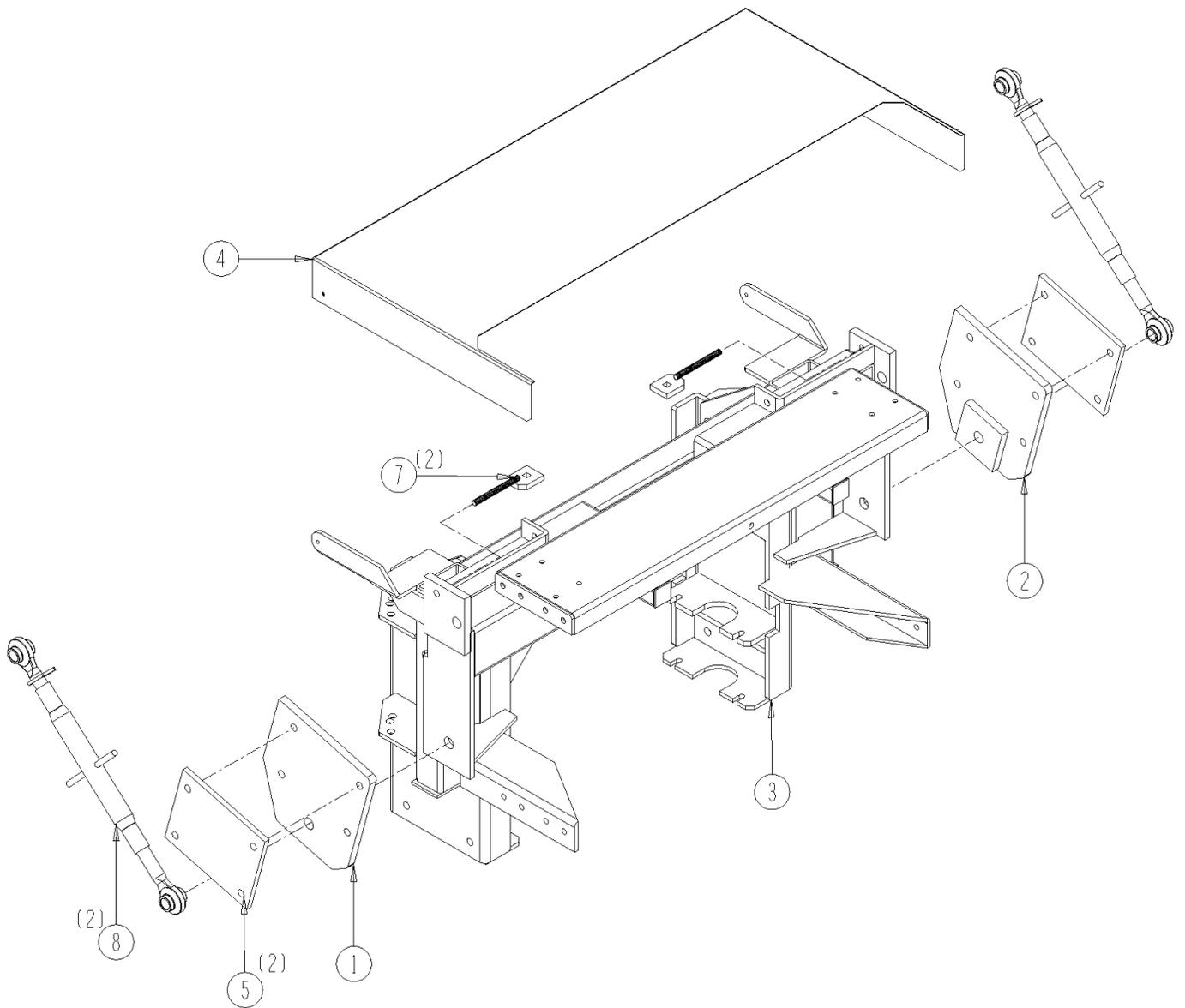
1108-1-9



1108-2-1 Disk Header Frame Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ARM-8205	Arm, Right, Disk Header Frame, HC290	1		
2	ARM-8206	Arm, Left, Disk Header Frame, HC290	1		
3	FRM-8206	Frame, 29" Disk Header, Pick Up Head, HC290	1		
4	SHD-8200	Shield, Disk Header, HC 290 Tomato	1		
5	ARM-7200	Arm Adjuster, Backing Plates	2		
7	ADJ-8204	Adjuster, Roller Chain, Disk Header, HC 290	2		
8	TL-00336	Category #2 Top Link	2		
9	DC-ARROW	Decal, Yellow Direction Arrow	2		
10	DC-1176	Decal, Danger-Hand Chain Sprockets	2		
11	DC-1184	Danger Decal, 3" x 16"	1		

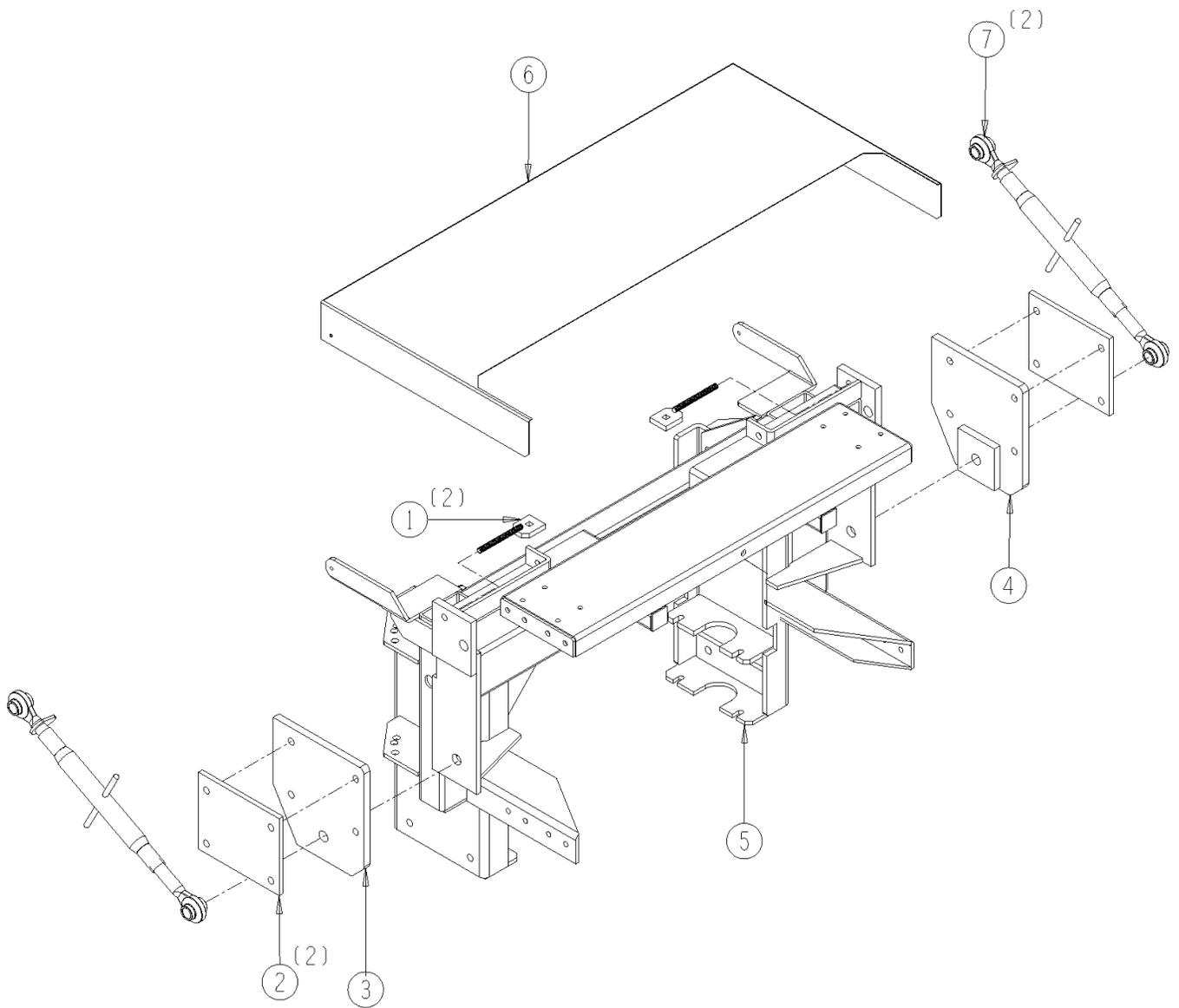
1108-2-1



1108-2-1.1 Wide Disk Header Frame Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ADJ-8204	Adjuster, Roller Chain, Disk Header, HC 290	2		
2	ARM-7200	Arm Adjuster, Backing Plates	2		
3	ARM-8205	Arm, Right, Disk Header Frame, HC290	1		
4	ARM-8206	Arm, Left, Disk Header Frame, HC290	1		
5	FRM-8205	Frame, 31" Disk Header, Pick Up Head, HC290	1		
6	SHD-8200	Shield, Disk Header, HC 290 Tomato	1		
7	TL-00336	Category #2 Top Link	2		
8	DC-1176	Decal, Danger-Hand Chain Sprockets	2		
9	DC-1184	Danger Decal, 3" x 16"	1		
10	DC-ARROW	Decal, Yellow Direction Arrow	2		

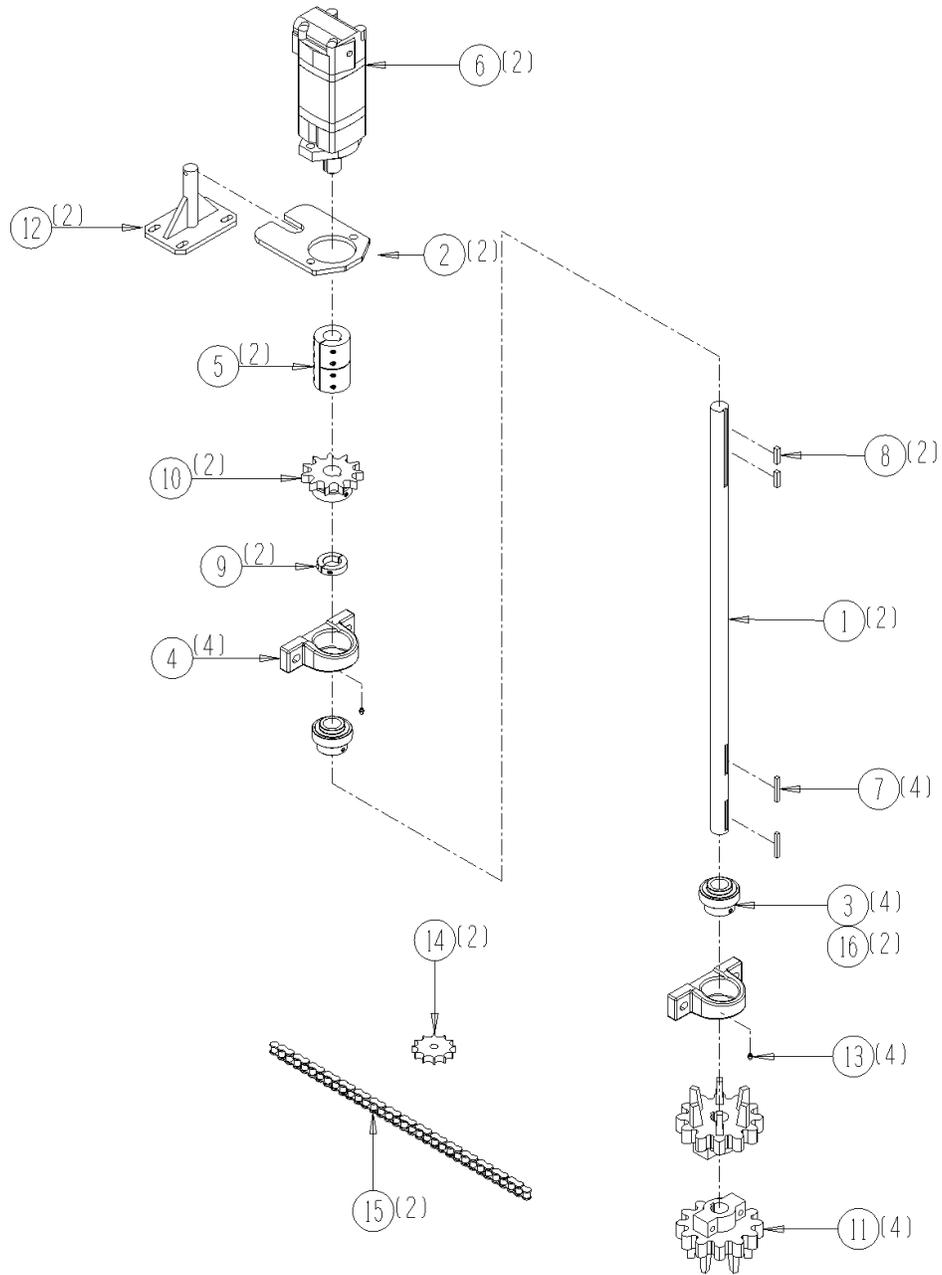
1108-2-1.1



1108-2-2 Disk Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	194-155	Shaft, Gathering Chain	2		
2	ARM-1420	Arm, Short Mount, Motor w/ SAE A Two Bolt Pad	2		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	4		
4	BR-072-RAK	Bearing Housing 72 mm	4		
5	CPS-6057	Coupler, Solid, 1.25", Cucumber & Tomato	2		This Replaces CPS-6056.
6	HM-500-OMS	Hydraulic Motor	2		Replaces HM-1420-TC
7	KEY-4-4-32	Shaft Key 1/4" x 2" Square Cut (1018)	4		
8	KEY-5-5-20	Shaft Key 5/16" sq x 1 1/4" Square Cut (1018)	2		
9	SC-20-2	Shaft Collar, 2 piece 1 1/4" bore	2		
10	SP-80B11-20-5	11 Tooth #80 Sprocket 1 1/4" bore 5/16" key	2		
11	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4" key	4		Sub SP-3612-20-4
12	STP-1228	Stop, Motor, Arm Mounted, High Tor. Motors	2		
13	GF-1428	Grease Fitting 1/4" x 28 straight	4		
14	SP-8012-T	#80 Idler Sprocket	2		
15	CH-80-57	Roller Chain #80 57 Pitches	2		
16	BR-12572-LC	1 1/4" Locking Collar - Bearing Protector	2		
100	BL-8-175-H8	1/2 x 1 3/4", Grade 8, Hex Head	4		
101	BL-8-LNS	1/2 Stover Lock Nut	4		

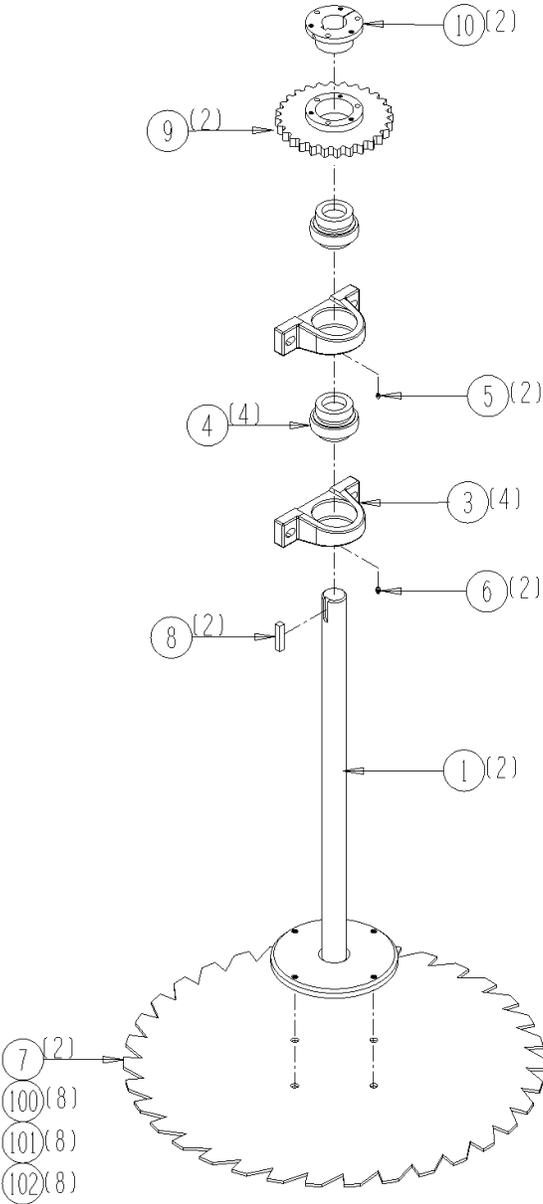
1108-2-2



1108-2-3 34" Disk Shaft Assembly (Standard)

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	191-131	Shaft, Disk	2		
3	BR-100-RAK	Bearing Housing 100 mm	4	11001	
4	BR-200-100	2" Fafnir Bearing, Tri-ply	4	11001	
5	GF-1428	Grease Fitting 1/4" x 28 straight	2		
6	GF-1428-90	Grease Fitting 1/4" x 28 90	2		
7	HD-150-34-34	34" Header Disk, 34 Notches	2		
8	KEY-8-8-40	Shaft Key 1/2" x 1/2" x 2 1/2"	2		
9	SP-80SF28	#80 Sprocket 28 Tooth x SF Bushing	2		
10	SP-SF-2	SF-2" Bushing	2		
100	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
101	BL-8-LW	1/2 SPLIT LW ZC	8		
102	BL-8-SW	1/2 SAE FW ZC	8		

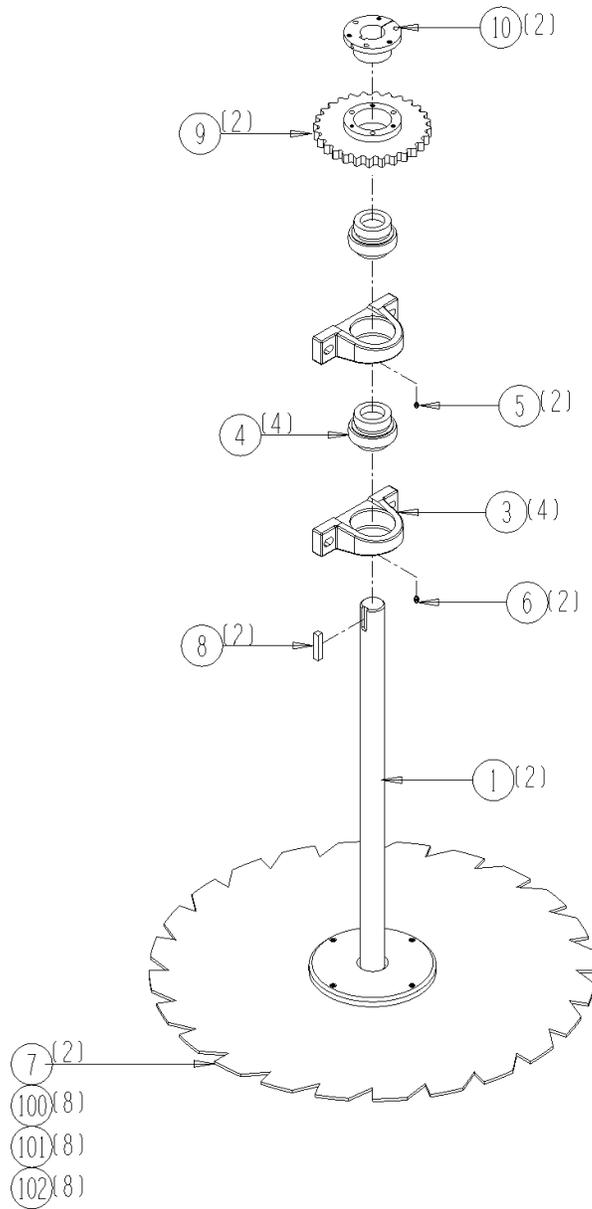
1108-2-3



1108-2-4 36" Disk Shaft Assembly (Optional)

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	191-131	Shaft, Disk	2		
3	BR-100-RAK	Bearing Housing 100 mm	4	11001	
4	BR-200-100	2" Fafnir Bearing, Tri-ply	4	11001	
5	GF-1428	Grease Fitting 1/4" x 28 straight	2		
6	GF-1428-90	Grease Fitting 1/4" x 28 90	2		
7	HD-150-36	36" Header Disk, AR500	2		
8	KEY-8-8-40	Shaft Key 1/2" x 1/2" x 2 1/2"	2		
9	SP-80SF28	#80 Sprocket 28 Tooth x SF Bushing	2		
10	SP-SF-2	SF-2" Bushing	2		
100	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	8		
101	BL-8-LW	1/2 SPLIT LW ZC	8		
102	BL-8-SW	1/2 SAE FW ZC	8		

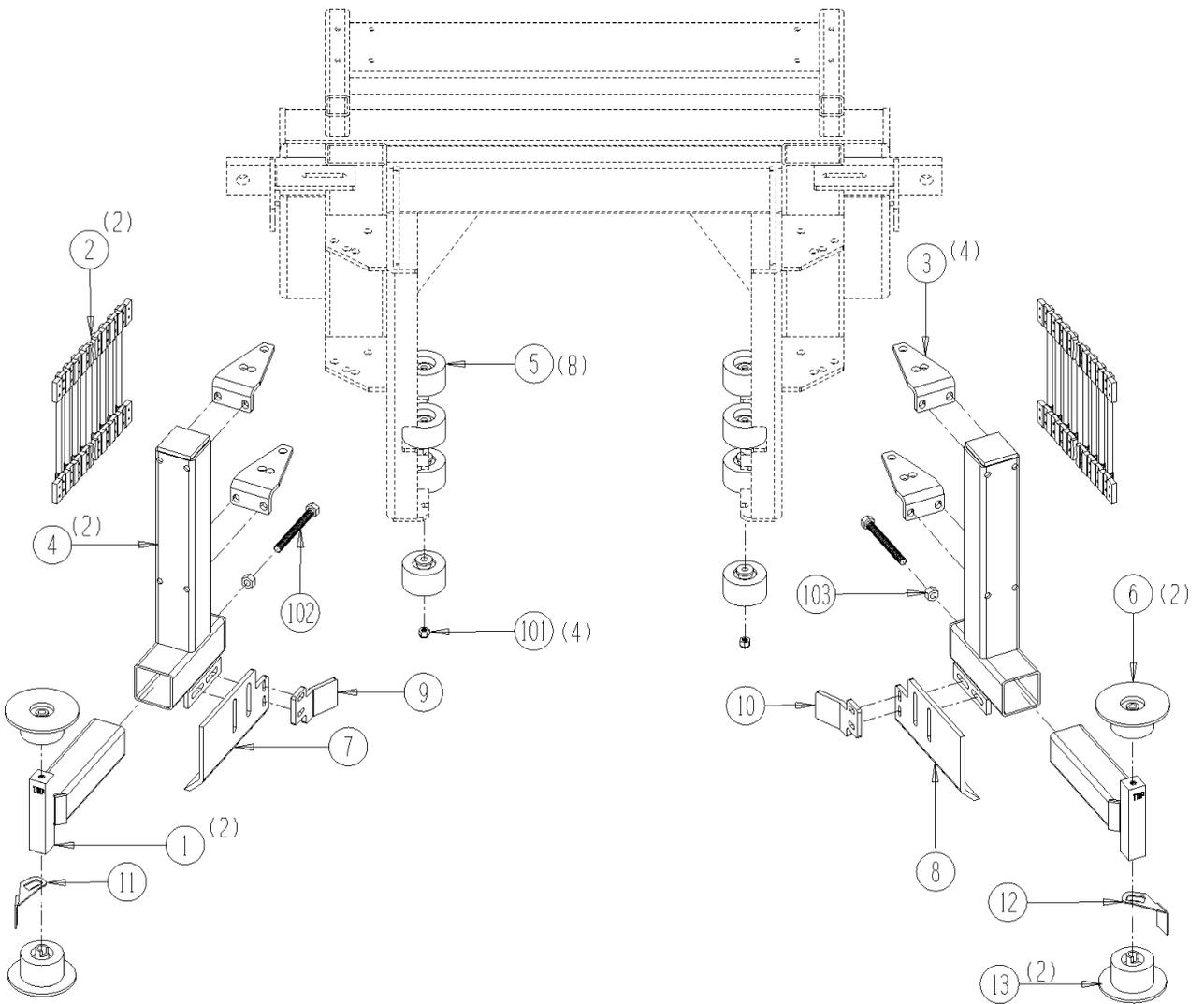
1108-2-4



1108-2-5 Gathering Chain Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ADJ-155	Adjuster, Nose Tightener, Gathering Chain	2		
2	BC-6-1236-60	Gathering chain, 3/8 bars 12in wide x 60 links 36mm	2		
3	BAR-8204	Bar, Gathering Chain Bracket Holder, HC290	4		
4	BRA-8204	Bracket, Gathering Chain, HC290	2		
5	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2" bore, no flange	8		
6	RLT-635-2210-RV	6" Flange Roller 2.2WF 3.5 Dia, 5/8" Bore w/Inverted Spindle	2		
7	SCR-162	Scraper, Upper, Inner, Disk Header	1		
8	SCR-164	Scraper, Upper, Outer, Disk Header	1		
9	SCR-8205	Scraper, Right Side, Hub, HC290	1		
10	SCR-8204	Scraper, Left Side, Hub, HC290	1		
11	RLA-3023-T	Straight Scraper, RH	1		
12	RLA-3024-T	Straight Scraper	1		
13	RLT-535-2210-SC	5" Flange Roller 2.2 WF 3.5 dia, 5/8" bore w/ Hub for Scraper	2		
100	BL-8-1100-H	1/2-13 x 11 HEX CAP G5 ZC	2		
101	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	4		
102	BL-10-600-T	5/8-11 X 6 HEX TAP G8 ZC	2		
103	BL-10-N	5/8-11 HEX FIN NUTS ZC	2		

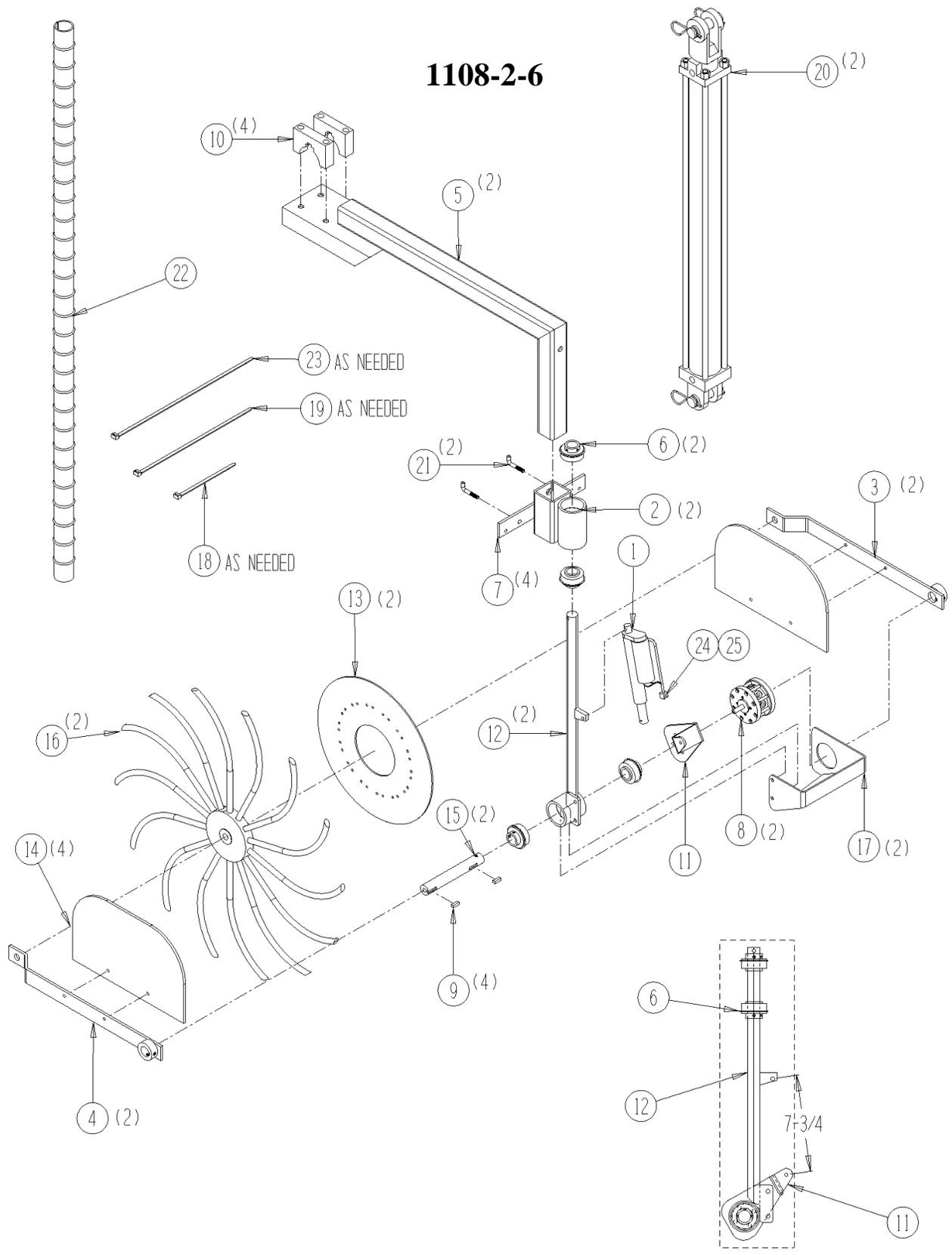
1108-2-5



1108-2-6 Header Height Parts Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	ACT-042-2	Actuator, Wired for Any Length Harness, Fits All	2		
0	ELC-042B-19	Actuator Cable Only 19' 08 to Present	1		
0	WT-17H	Heavy Duty Wire Tie 17.5"	12		
1	ELC-042B-28	Actuator Cable Only 28' 08 to Present	1		
2	ADJ-HC99	Adjuster, Wheel Control Height Adj, HHC	2		
3	ARM-HC99L	Arm, Left, Control Wheel, HHC	2		
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	8		
7	CH-3-28	3/16 LINK CHAIN 28 LINKS	4		
8	HVR-5479	Rotary Valve, Microtorque w/ high pressure ends	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-HC03	Arm, Rotary Valve. HHC, 2003	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	SFT-HC99	Shaft, Wheel Arm Mounts, HHC	2		
16	WHL-HHC-99	Spider Wheel Assembly	2		
17	SHD-HC03	Shield, Rotary Valve, HHC, 2003	2		
18	WT-14	Wire Tie 14 1/4"	50		
19	WT-7	Wire Tie 7"	50		
20	HC-250-3008	Hydraulic cylinder 2 1/2" x 30" #8 SAE Ports	2	11001-	Seal kit for Lion, HC-250-125
21	SUP-8100	Support, Wheel Hold Up, Header Height, HC290	4		
22	SHD-HC05	Shield made from hose for HHC Hoses, HC 290	2		
101	BL-5-N	5/16 UNF FIN HEX NUT A563 GrA ZINC	8		
102	BL-16-400-H	1" x 4" Gr 5 HH Bolt Zinc Coated	4		
103	BL-16-LN	1" Lock Nuts w/ Nylon Inserts	4		

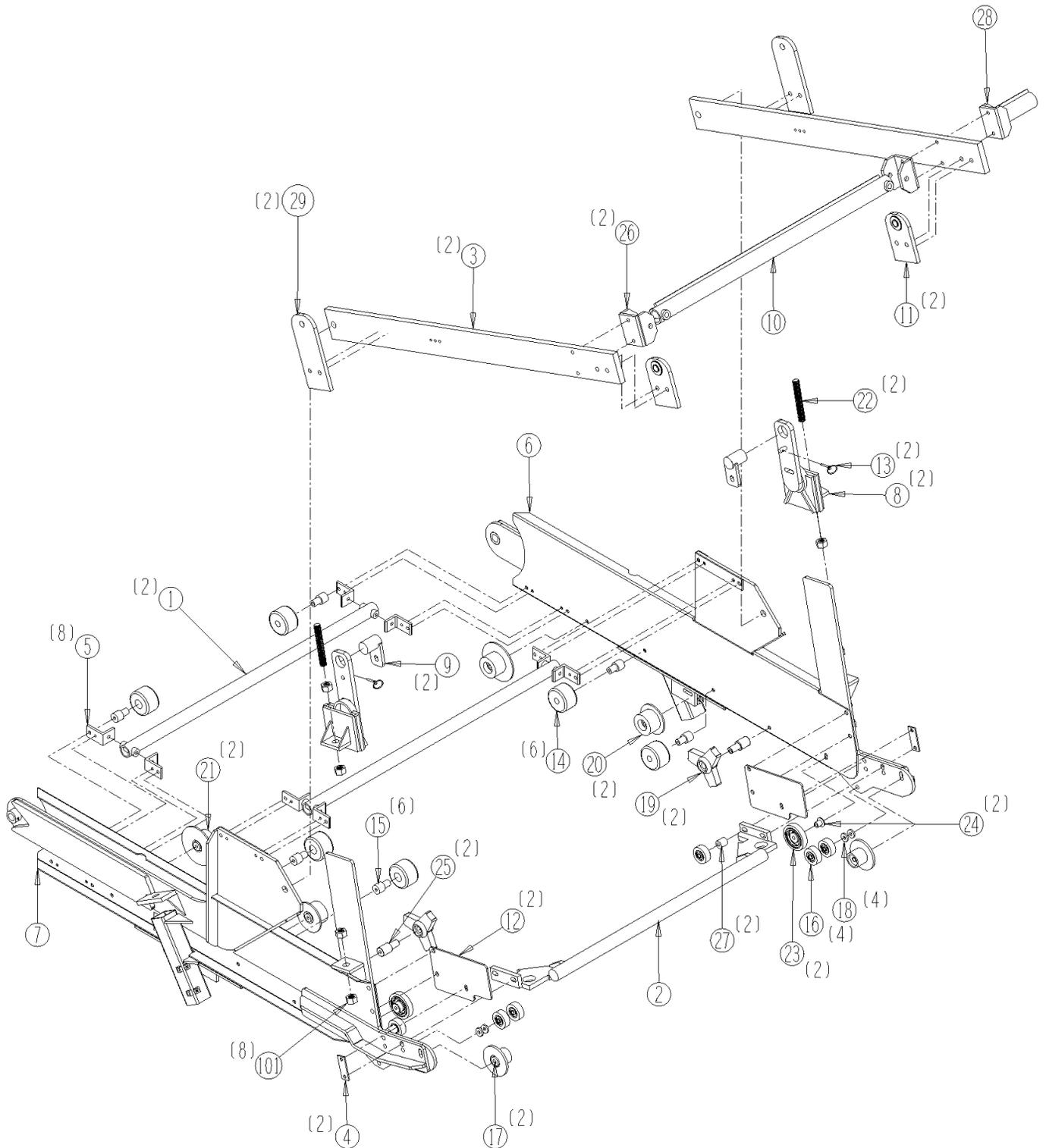
1108-2-6



1108-3-1 Primary Header Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SUP-8203	Support, Cross Tube, Primary Header, HC290	2		
2	SUP-8204	Support, Mud Pusher, Primary Header, HC290	1		
3	BAR-8200	Bar, Disk Header Mount, High Cap Tomato	2		
4	BAR-8525	Bar, Bolt-on, Primary Header, HC290 Tomato	2		
5	BRA-3525	Bracket, Mount Support, Flex. Head	8	30097001-	
6	FRM-8530	Primary Header Panel, HC290	1		
7	FRM-8529	Inside Primary Header, HC290	1		
8	MOU-8225	Mount, Adjuster, Primary Header, High Cap Tom.	2	MOU-8225	
9	PIN-8225	Pin, Adjuster, Primary Header, High Cap Tomato	2		
10	SUP-8205	Cross Tube, Header Control, 290 Tomato Harvester	1		
11	SUP-8202	Support, Cyl Mnt, Disk Header, High Cap Tomato	2		
12	PL-8200	Plastic Shield, Primary Header, HC290 Tomato	2		
13	PIN-250L	1/4" Lynch Pin	2		
14	RLU-040-2516	Urethane Roller 4" dia x 2.5" w	6		
15	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	6	19101-	
16	RLT-027-108	Roller 2.75" dia. 1/2" Bore	4		2755C1X (Old Number, Single Bearing)
17	RLS-522-2010	Steel Roller, 5" Flange, 2.2" Dia, 2" wide	2		Sub RLU-522-2010
18	RLA-000-028	Washer/Spacer	4	11001-	
19	RLT-324	Rubber 3 Point Shaker	2		
20	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	2		
21	RLT-635-228	6 1/2" Flange Roller 2.2 WF 3.5 dia, 1/2" bore	2		
22	ADJ-3550	Adjuster, Quick Attach Header (Pickle)	2	30096001-	
23	RLR-050-108	Roller, 5" flat	2		
24	RLA-000-118	Standoff, 1/2" X 1 1/8"	2		
25	RLA-015-308	Spindle for 3 Point Shakers	2		
26	MOU-8201	Cross Mount, Header, 290 Tomato Harvester	2		
27	SUP-0001	Support, Rollers gathering chains	4	20095001-	
28	BAR-8003	HHC Mount, 290 Harvester	1		
29	sup-8211	Support, Turnbuckle, Header 290 Harvester	2		
101	BL-16-N	1" Nut	8		

1108-3-1

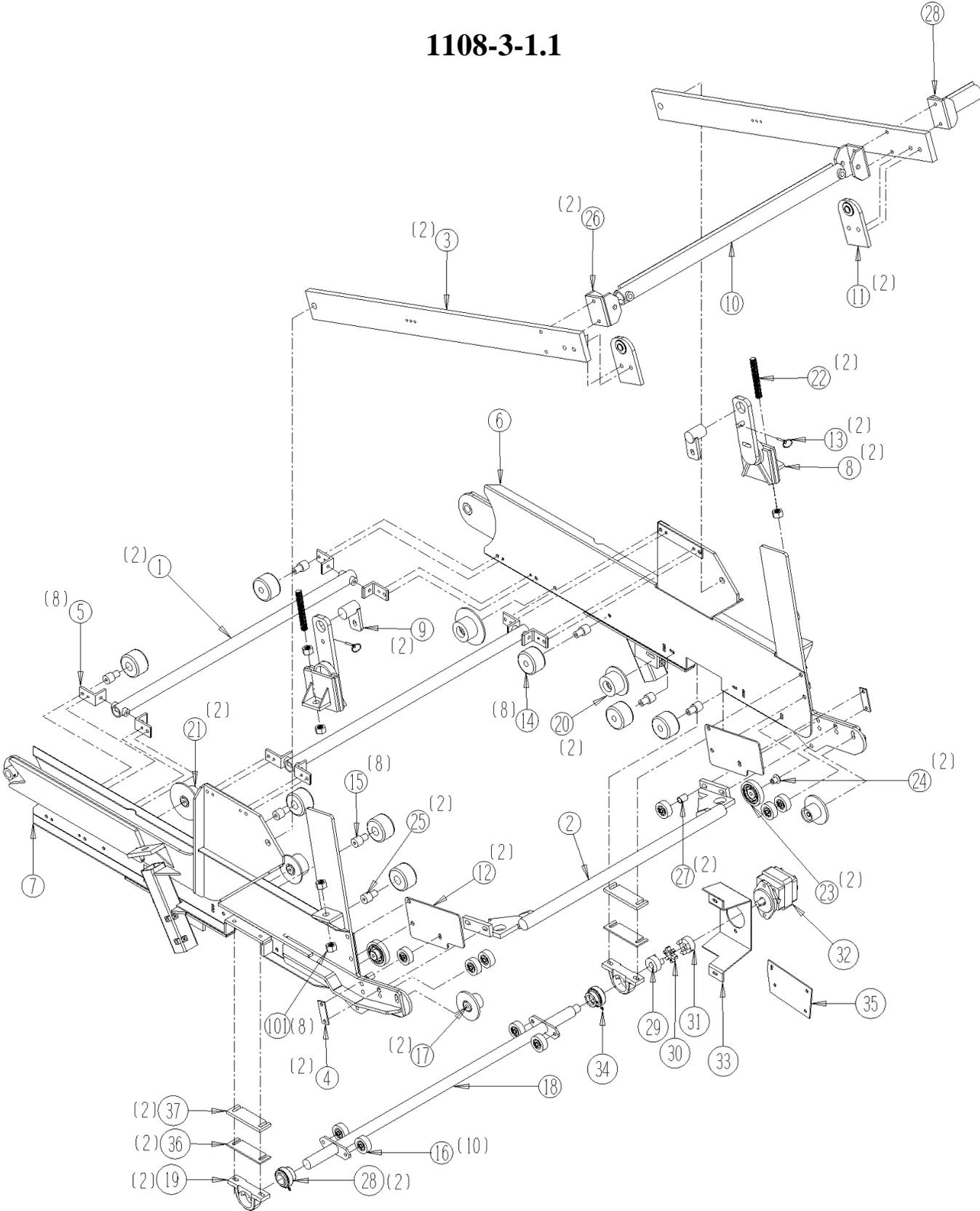


1108-3-1.1 Vibrator Primary Header

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	A-1501-8-8	1/2 MP x 1/2 FPX90°	1		
0	A-1603-8-8-8	Swivel T 1/2" NPTF	2		
0	A-6401-10-8	10 SAE x 1/2 MPT Male	2		
0	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2		
0	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2		
0	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	1		
0	RLA-015-308	Spindle for 3 Point Shakers	2		
1	SUP-8203	Support, Cross Tube, Primary Header, HC290	2		
2	SUP-8204	Support, Mud Pusher, Primary Header, HC290	1		
3	BAR-8200	Bar, Disk Header Mount, High Cap Tomato	2		
4	BAR-8525	Bar, Bolt-on, Primary Header, HC290 Tomato	2		
5	BRA-3525	Bracket, Mount Support, Flex. Head	8	30097001-	
6	FRM-8532	Outer Pim. Header/Vibrator 290	1		
7	FRM-8531	Inside Primary HeaderPanel/ Vibrator 290	1		
8	MOU-8225	Mount, Adjuster, Primary Header, High Cap Tom.	2	MOU-8225	
9	PIN-8225	Pin, Adjuster, Primary Header, High Cap Tomato	2		
10	SUP-8205	Cross Tube, Header Control, 290 Tomato Harvester	1		
11	SUP-8202	Support, Cyl Mnt, Disk Header, High Cap Tomato	2		
12	PL-8200	Plastic Shield, Primary Header, HC290 Tomato	2		
13	PIN-250L	1/4" Lynch Pin	2		
14	RLU-040-2516	Urethane Roller 4" dia x 2.5" w	8		
15	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	8	19101-	
16	RLT-027-108	Roller 2.75" dia. 1/2" Bore	10		2755C1X (Old Number, Single Bearing)
17	RLS-522-2010	Steel Roller, 5" Flange, 2.2" Dia, 2" wide	2		Sub RLU-522-2010
18	SFT-8301	Vibrator Shaft, Secondary Header, High Cap Tomato	1		
19	BR-085-RAK	Bearing Housing 85 mm	2		
20	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	2		
21	RLT-635-228	6 1/2" Flange Roller 2.2 WF 3.5 dia, 1/2" bore	2		
22	ADJ-3550	Adjuster, Quick Attach Header (Pickle)	2	30096001-	
23	RLR-050-108	Roller, 5" flat	2		
24	RLA-000-118	Standoff, 1/2" X 1 1/8"	2		
26	MOU-8201	Cross Mount, Header, 290 Tomato Harvester	2		
27	SPA-0065	Spacer, Harvester	2		

28	BR-175-085	Fafnir Bearing 1 ¼ Tri Seal	2		
29	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
30	CPJ-6055	Coupler, L100, Urethane Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
31	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore	1	19101	Sub 194-6053 Except on Debris Fan
32	HM-115	Hydraulic Motor	1		
33	BRA-8113	Bracket Motor Mount, Dirt Vibrator, HC290	1		
34	GF-1428	Grease Fitting 1/4" x 28 straight	2		
35	192-163	Cleaner bar bracket	1	19101-	
36	SPA-106-4	Spacer, Header Mount, Pivot (Tomato)	2	19201-	
37	SPA-106-8	Spacer, Header Mount, Pivot (Tomato)	2	19201-	
101	BL-16-N	1" Nut	8		

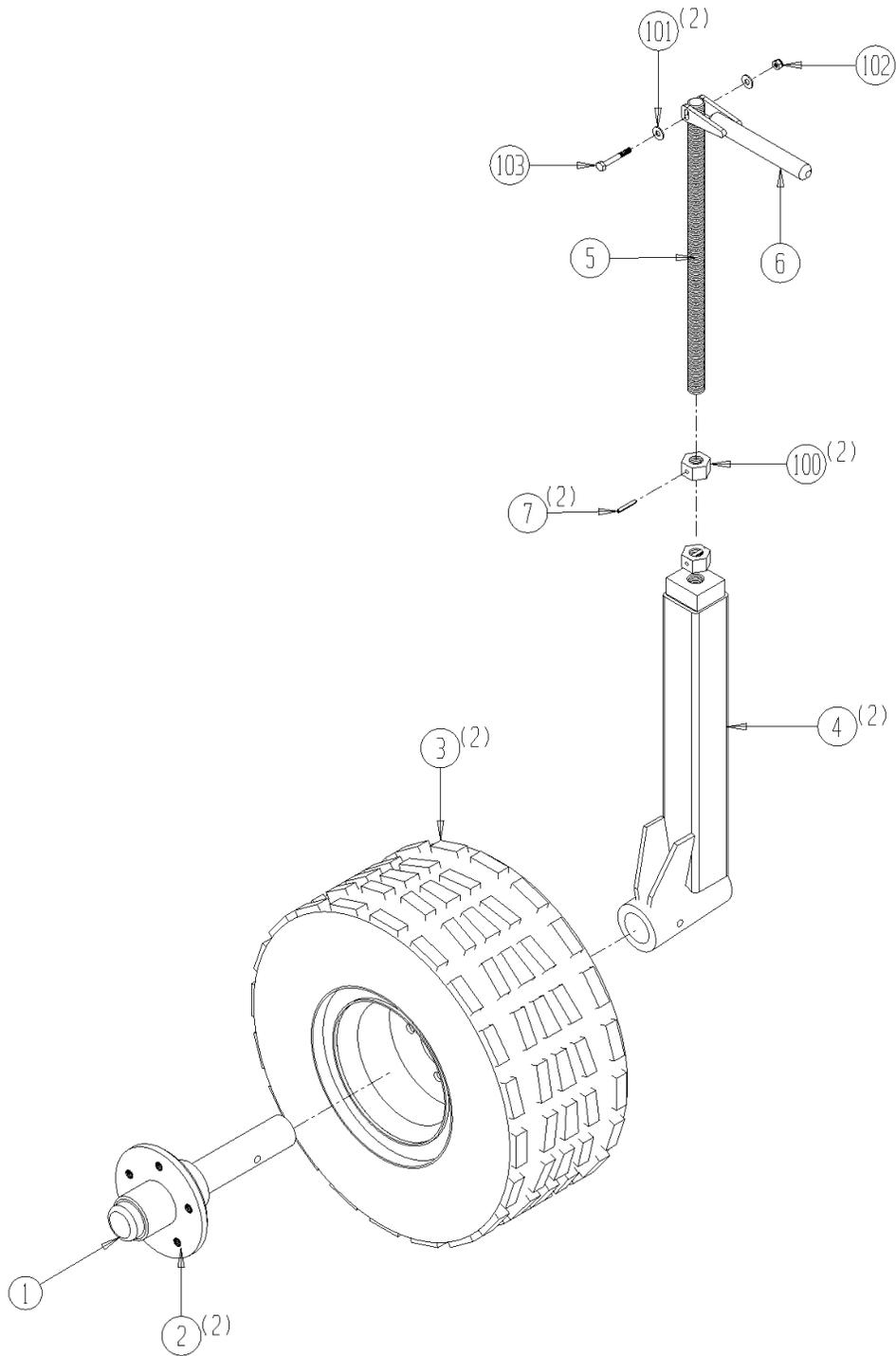
1108-3-1.1



1108-3-2 Gauge Wheel Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	WHL-179	Bearing Protector @ Pair	1	WHL-8201	
2	WHL-8200	Gauge Wheel Spindle & Hub	2		
3	WHL-8001	High Capacity Tomato Gauge/Stabilizer Wheel Hub & Tire	2		
4	WHL-6136	Gauge Wheel, Inner Sliding Tube	2		
5	ADJ-8202	Adjuster, Handle, Gauge Wheel, HC290 Tomato	2		
6	ADJ-8203	Threaded Rod W/ Holes, Gauge Wheel, HC290	2		
7	PIN-3-20	Roll Pin 3/16 x 1-1/4 Stainless Steel	4		Sold in Pkg. of 100
100	BL-14-N-HOLE	Nut W/ Holes, Disk Header, HC290 Tomato	4		
101	BL-4-FW	1/4 USS FW ZC	4		
102	BL-4-LN	1/4-20 HEX LN NE ZC	2		
103	BL-4-200-H	1/4-20 X 2 HEX CAP G5 ZC	2		

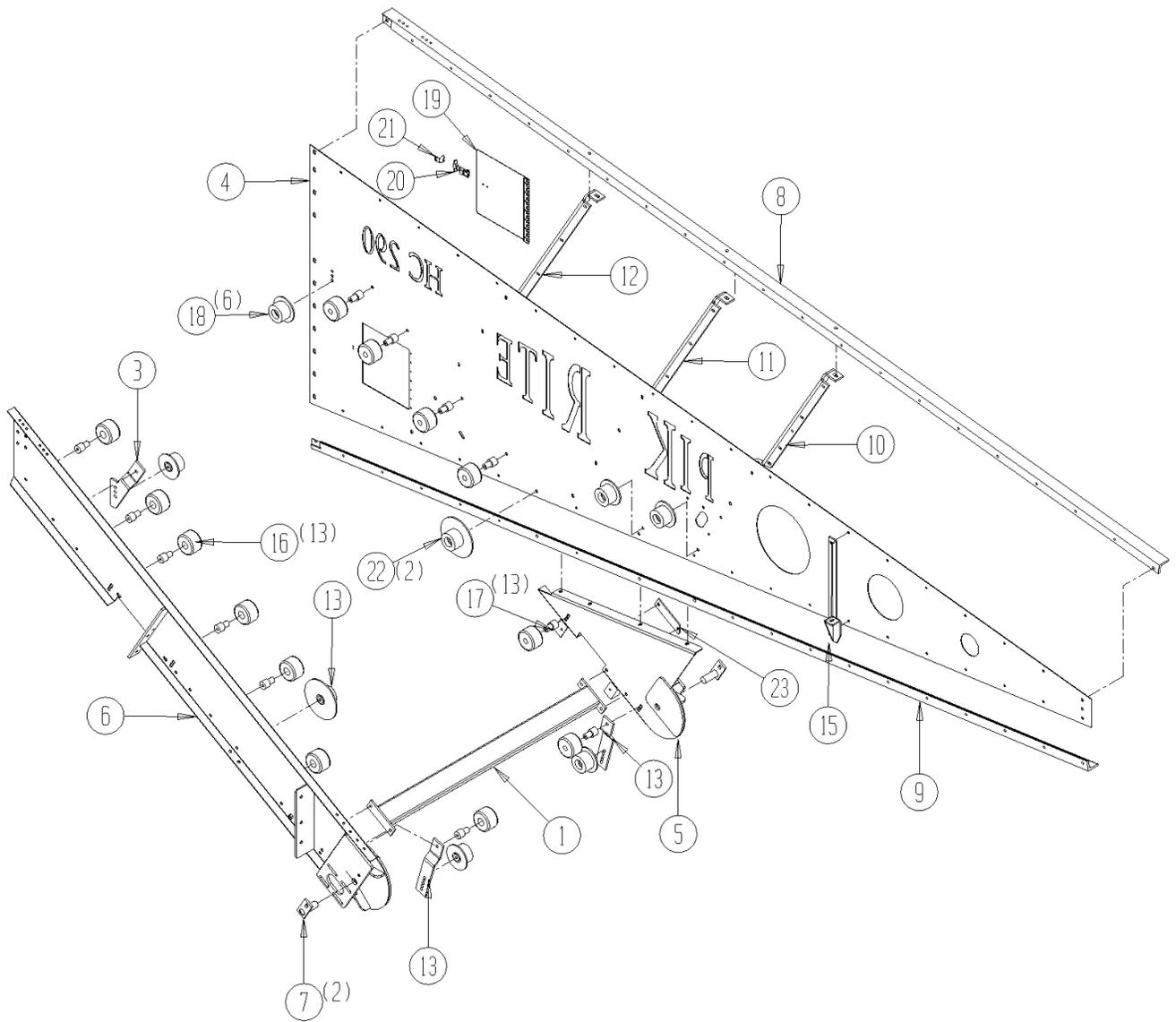
1108-3-2



1108-3-3 Secondary Header Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BAR-8301	Bar, Cross, Secondary Header, HC290 Tomato	1		
3	BRA-8305	Roller Bracket, Elevation, 290 Tomato	1		
4	PAN-8303	Panel, Outside, Header, HC290	1	PAN-8303	
5	PAN-8305	Secondary Header Panel, Outside, HC290	1		
6	SID-8162	Secondary Header, HC290 Tomato	1		
7	PIN-8300	Pin, Secondary Header, High Cap. Tomato	2		
8	SUP-8300	Support, Top Angle, Header Panel, HC290	1		
9	SUP-8301	Support, Bottom Angle, Header Panel, HC290	1		
10	SUP-8302	Support, Front, Header Panel, HC290	1		
11	SUP-8303	Support, Middle, Header Panel, HC290	1		
12	SUP-8304	Support, Rear, Header Panel, HC290	1		
13	BRA-8400	Bracket, Hold Up Rollers, HC290 Tomato	2		
15	SUP-8251	Support, Oil Cooler & Compressr Mount	1	SUP-8251	
16	RLU-040-2516	Urethane Roller 4" dia x 2.5" w	13		
17	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	13	19101-	
18	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	6		
19	SHD-8303	Access Door, Header Side Panel, 290 Machine	1		
20	LA-703A	Large Rubber T Latch Assembly	1		
21	LA-703B	T Latch Keeper	1		
22	RLT-835-228	8" Flange Roller 2.2 WF 3.5 dia, 1/2" Bore	2		
23	BAR-8305	Bar, Inside, Support, 2ndary Header, HC290	1		
24	DC-1174	Decal, Danger Keep Hands and Feet Away	2		

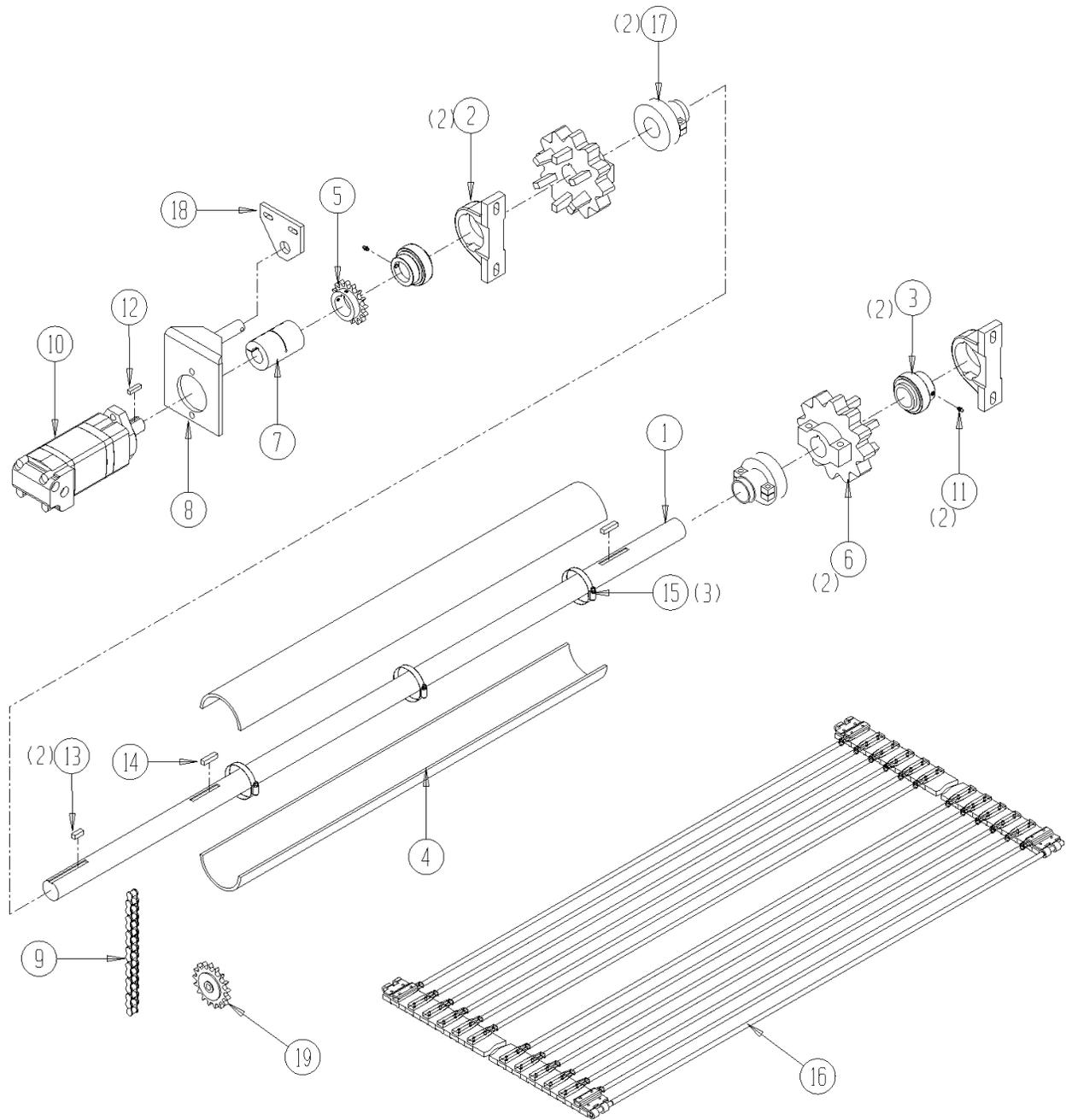
1108-3-3



1108-3-4 Header Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8306	Header Drive Shaft, 290 Harvester	1		
2	BR-085-RAK	Bearing Housing 85 mm	2		
3	BR-175-085	Fafnir Bearing 1 ¾ Tri Seal	2		
4	PL-8300	Plastic, PVC Pipe, Header, HC290 Tomato	2		
5	SP-50B16-28-6	Sprocket, #50, 16 tooth, 1.75" bore	1	11001	
6	SP-4212-28-6-HX2	4212 Heat Treated Sprocket 2" wide	2		
7	CPS-2820	Steel Coupler 1 ¾" x 1 1/4" ID with 3/8" Keyway on 1 ¾" ID	1		
8	MOU-1228	Mount, Motor, SAE A Two Bolt, Disk Header	1		
9	CH-50-43	Roller Chain 43 pitches #50w/master link	1		
10	HM-500-OMS	Hydraulic Motor	1		Replaces HM-1420-TC
11	GF-1428	Grease Fitting 1/4" x 28 straight	2		
12	KEY-5-5-20	Shaft Key 5/16" sq x 1 1/4" Square Cut (1018)	1		
13	KEY-6-6-16	Shaft Key 3/8" x 1 "	1		
14	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	2		
15	CL-72	5" Gear Clamp	3		
16	BC-8-5342-75-254	Header Chain, High Capacity Tomato Model 2100	1	290 harvester	replaces BC-8-5342-254
17	PL-1419	Plastic, Molded Hub for Drive Drum, 1 ¾" bore	2		
18	194-109A	Disk Motor Stop	1		Available as update kit
19	SP-5017-T	Idler, 17 tooth x #50 Chain	1		
800	BC-7-53-75-CN	7/16 x 53 Connecting Rod for 75mm Belts	1		
801	BC-8-53-75-ST	1/2x53 Rivet Rod for 75mm Belting	1	BC-8-5342- 75-254	

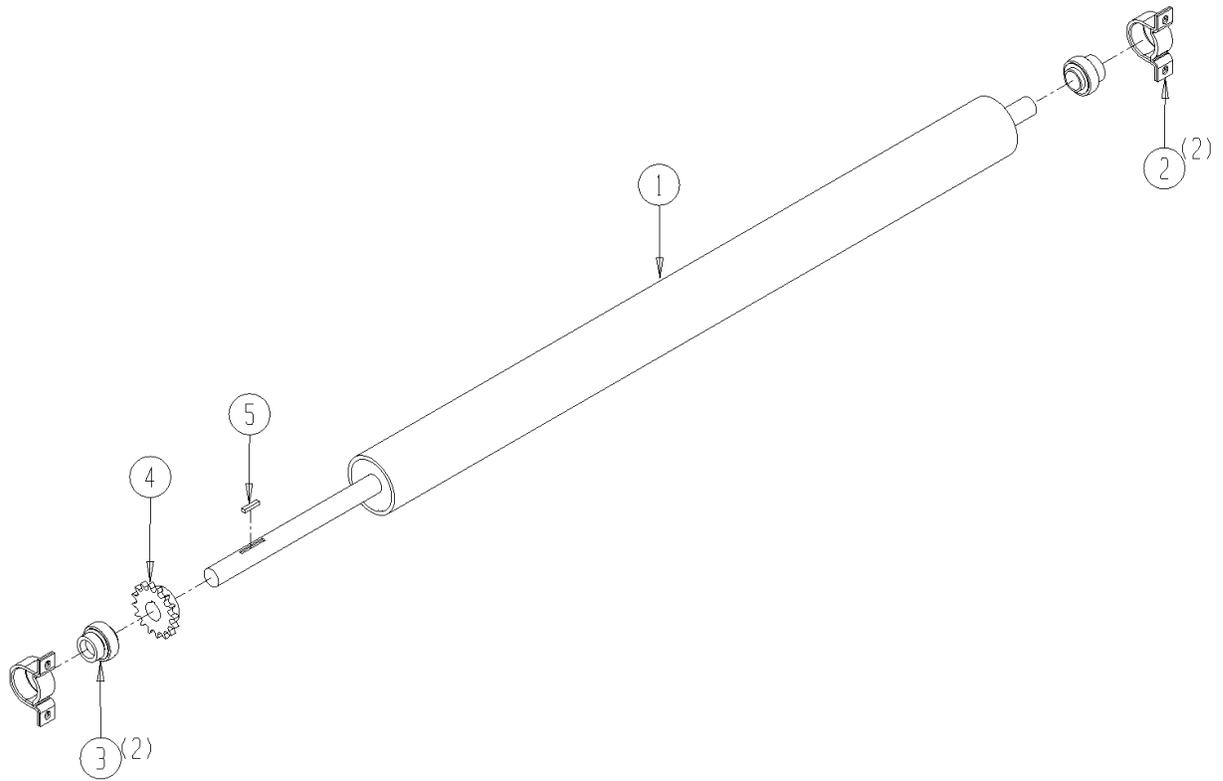
1108-3-4



1108-3-5 Header Return Roller Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8300	Shaft, Header Return Roller, High Cap Tomato	1		
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	SP-50B16-20-4	Sprocket, #50, 16 tooth, 1.25" bore	1		
5	KEY-4-4-20	Shaft Key 1/4" x 1 1/4"	1		

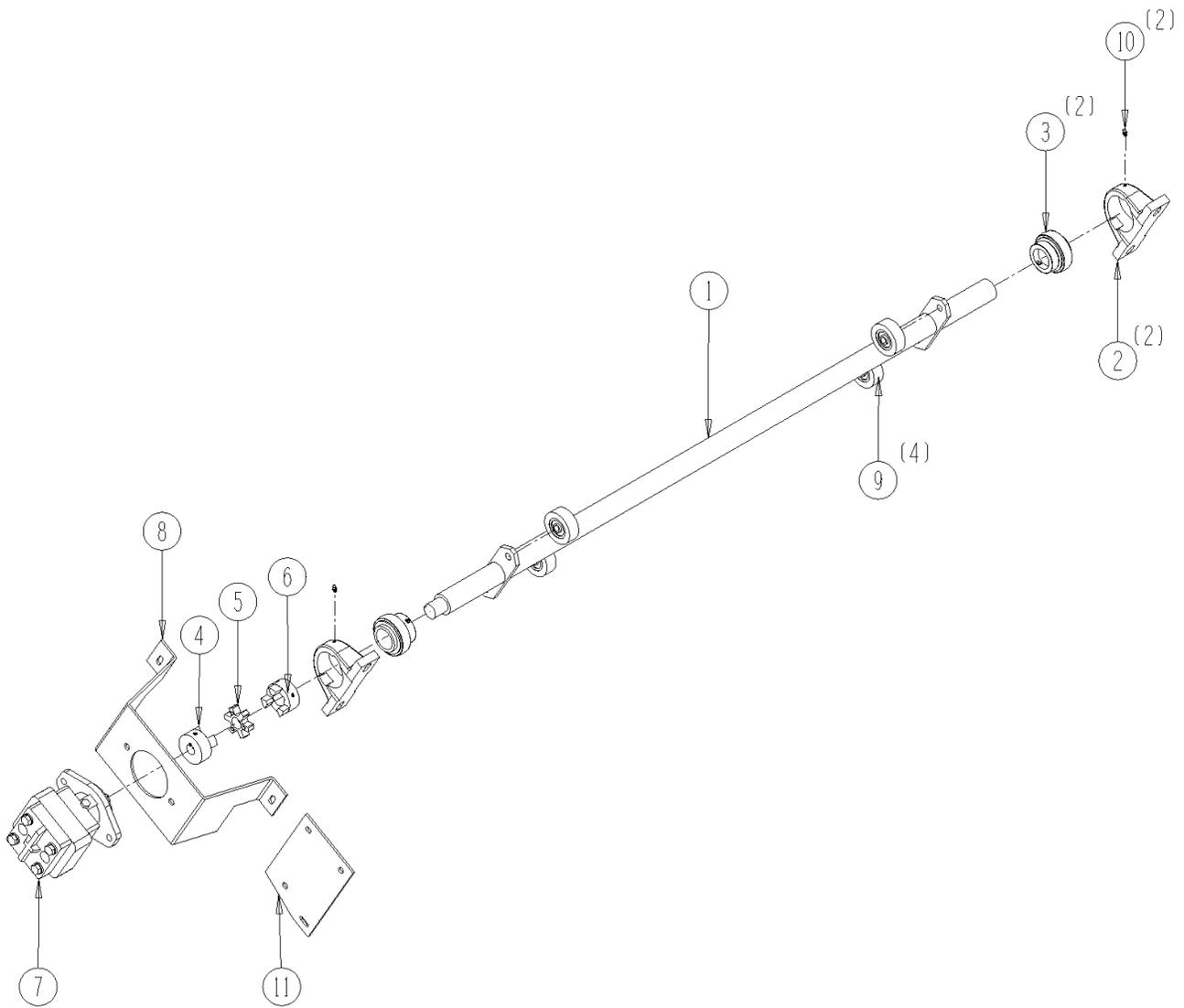
1108-3-5



1108-3-6 Header Dirt Vibrator Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8301	Vibrator Shaft, Secondary Header, High Cap Tomato	1		
2	BR-085-RAK	Bearing Housing 85 mm	2		
3	BR-175-085	Fafnir Bearing 1 ¾ Tri Seal	2		
4	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
5	CPJ-6055	Coupler, L100, Urethene Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
6	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore	1	19101	Sub 194-6053 Except on Debris Fan
7	HM-115	Hydraulic Motor	1		
8	BRA-8113	Bracket Motor Mount, Dirt Vibrator, HC290	1		
9	RLT-027-108	Roller 2.75" dia. 1/2" Bore	4		2755C1X (Old Number, Single Bearing)
10	GF-1428	Grease Fitting 1/4" x 28 straight	2		
11	192-163	Cleaner bar bracket	1	19101-	

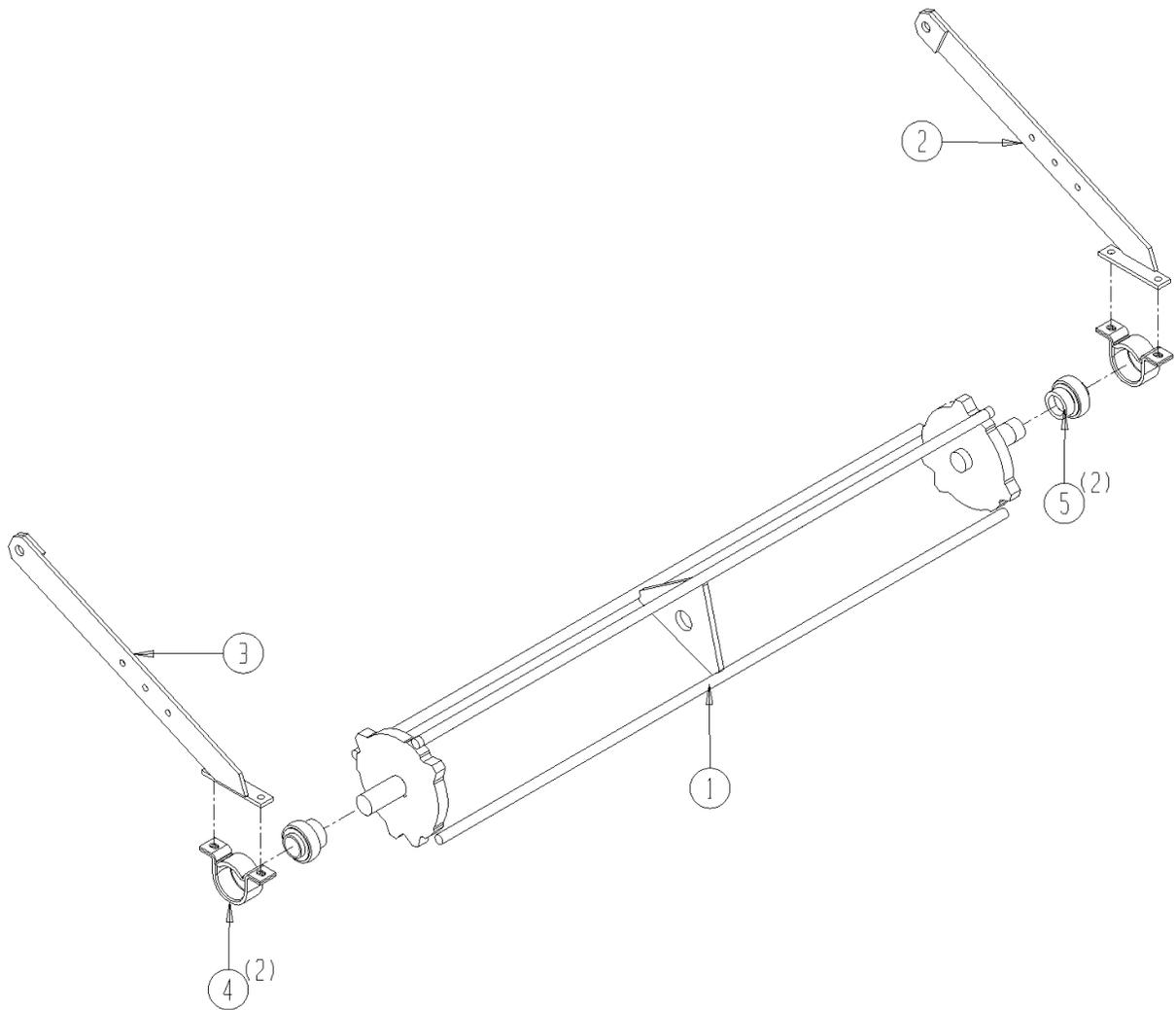
1108-3-6



1108-3-7 Header Bar Cleaner Assembly (Standard)

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BAR-5336	Bar, 53" Belted Chain Rod Cleaner, HC290	0		
1	BAR-8306	Bar Cleaner for 53" Chain on 75mm Belts	1		
2	192-362A	Chain cleaner bar (Left)	1	19101-	
3	192-362B	Chain cleaner bar (Right)	1	19101	
4	BR-062-MPB	Stamped Bearing Housing for 1 1/4" bearing	2		
5	BR-125-062I	Bearing, 1 1/4" ID, TS	2		FIT Bearing

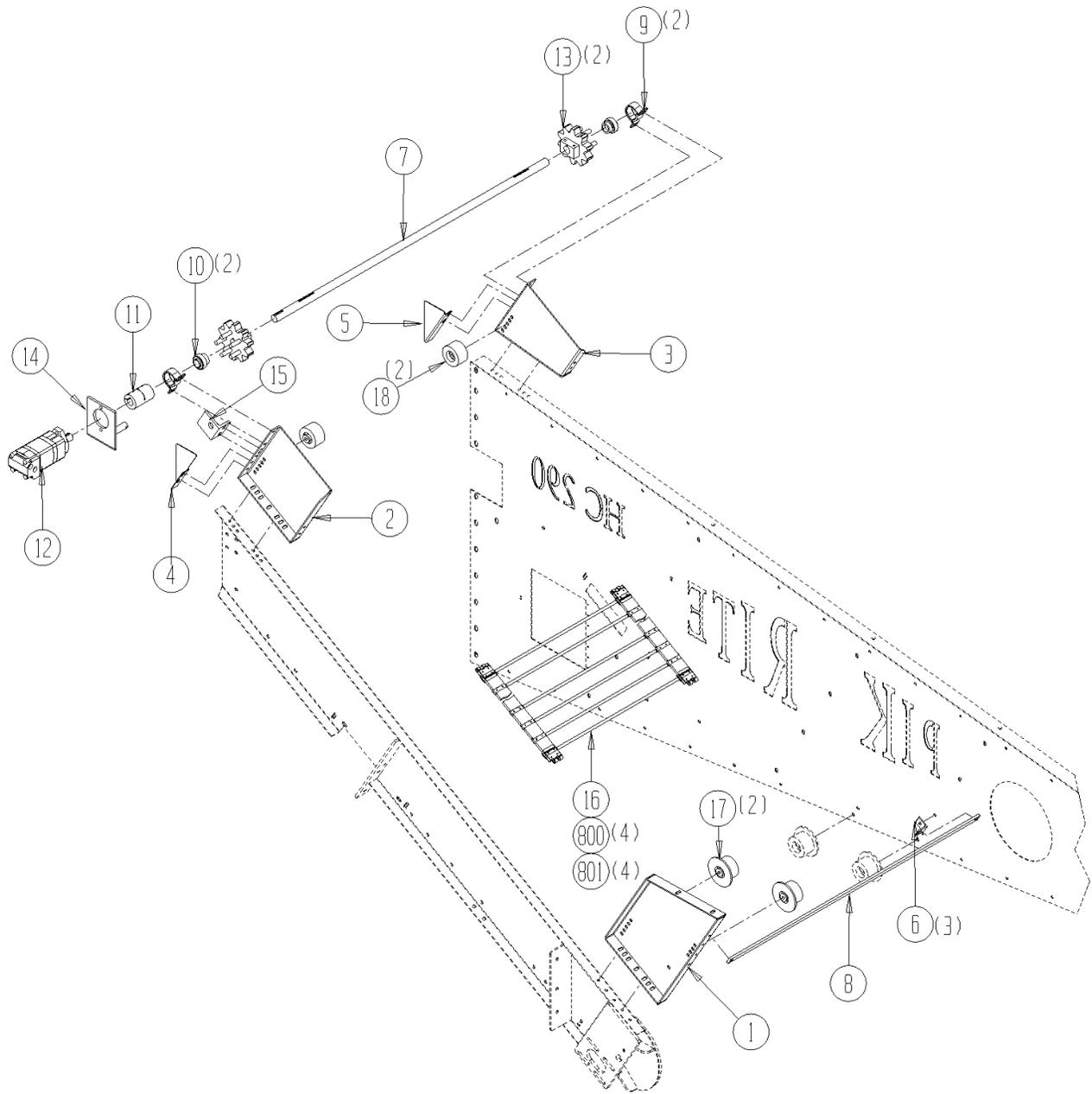
1108-3-7



1108-3-8 Header Vine Assist Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	SPA-1107	Spacer, Vine Assist 290	1		
1	PAN-1112	Vine Assist Panel, HC 290	1		
2	PAN-1107	Panel, Weldment, Inner Rear, Vine Assist	1	Kit-0050	
3	PAN-8302	Panel Outer Rear, Vine Assist, High Cap. Tomato	1		
4	BRA-8302	Bracket, Top of Panel, Vine Assist, HC290 Tomato	0		
4	SHD-8301	Shield, Right Side, Vine Assist, HC290	1		
5	BRA-8304	Bracket, Top of Panel, Left Vine Assist, HC290	0		
5	SHD-8302	Shield, Left Side, Vine Assist, HC290	1		
6	BRA-8303	Bracket, Cross Bar, Secondary Header, HC290	3	BRA-8303	
7	SFT-8303	Shaft, Drive, Vine Assist, HC290	1		
8	BAR-8303	Bar, Cross Support, Secondary Header, HC290	1	BAR-8303	
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	CPS-6057	Coupler, Solid, 1.25", Cucumber & Tomato	1		This Replaces CPS-6056.
12	HM-1228-TC	TCI Motor	1	Direct Interchange with HM-400-OMS	Replaces HM-1228-CH, And HM-188R. Seal Kit # TCI-SKMLHS
13	SPU-3610-20-4	Sprocket 36-10 1 1/4 bore 1/4" key urethane	2		
14	MOU-1228	Mount, Motor, SAE A Two Bolt, Disk Header	1		
15	BRA-1100	Bracket, Motor Mount, Vine Assist	1	Kit-0050	
16	BC-6-5372-84	Overhead Assist Chain for High Capacity Tomato	1		
17	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	2		
18	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2" bore, no flange	2		
800	BC-3510	Grooveless Snap Ring, 10mm.	4		

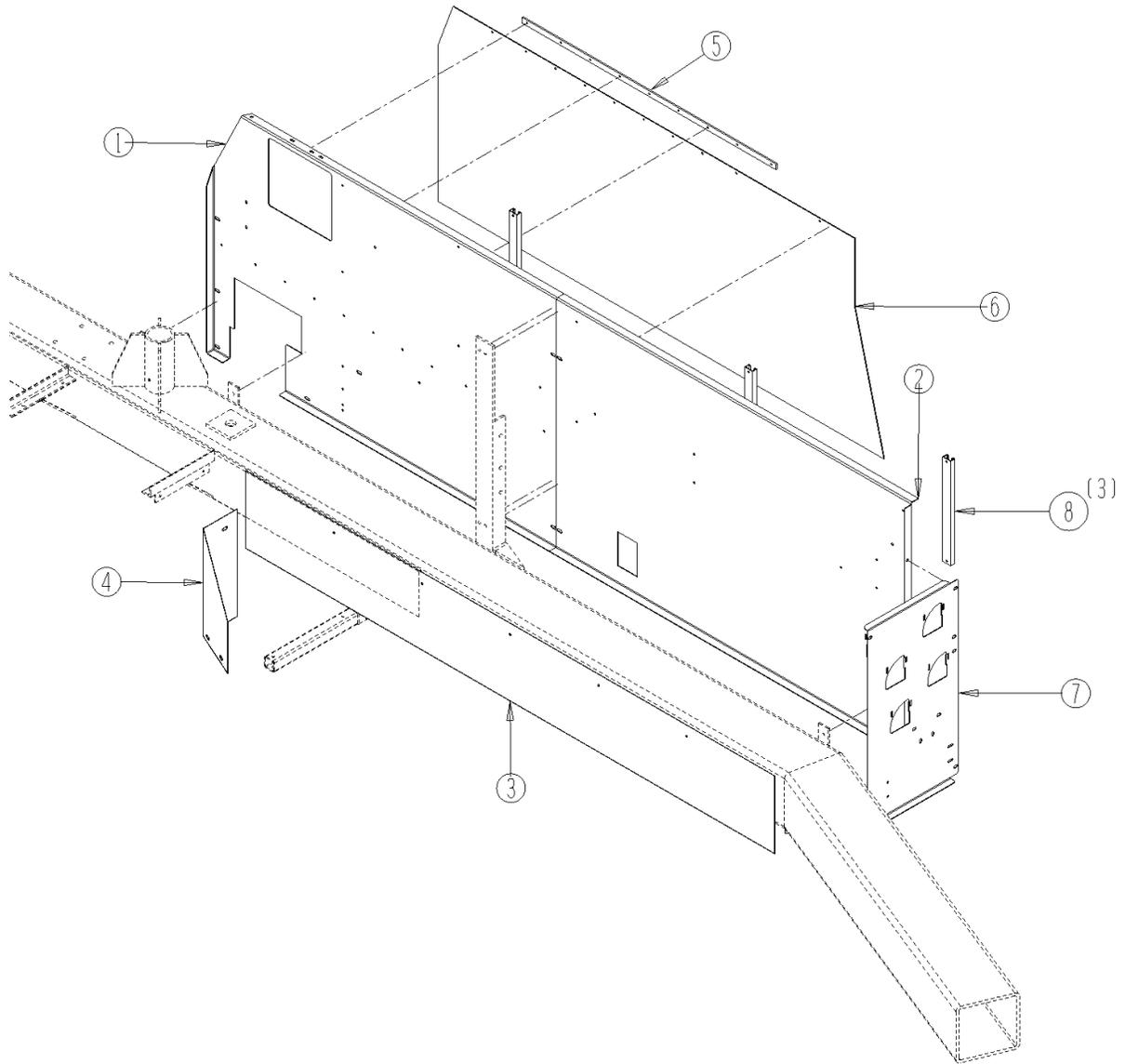
1108-3-8



1108-3-9 Header Dust Shield Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8106	Panel, Back Header, Dust Shield, '04, HC290	1		
2	PAN-8105	Inside, Front Header Dust Shield	1		
3	PAN-8101	Panel, Inside, Front, RH, Dust Shield, HC290	1		
4	PAN-8102	Panel, Inside, Back, RH, Dust Shield, HC290	1		
5	BAR-8101	Hold Down Belting, Front, Header Dust Shd, HC290	1		
6	BT-8101	Belting, Front, Header Dust Shield, HC290 Tomato	1		
7	PAN-8201	Panel, Flow Controls, Front Entry, HC 290	1		
8	HA-8400	Hose Holder, Shaker Weigh Box, 290	3		

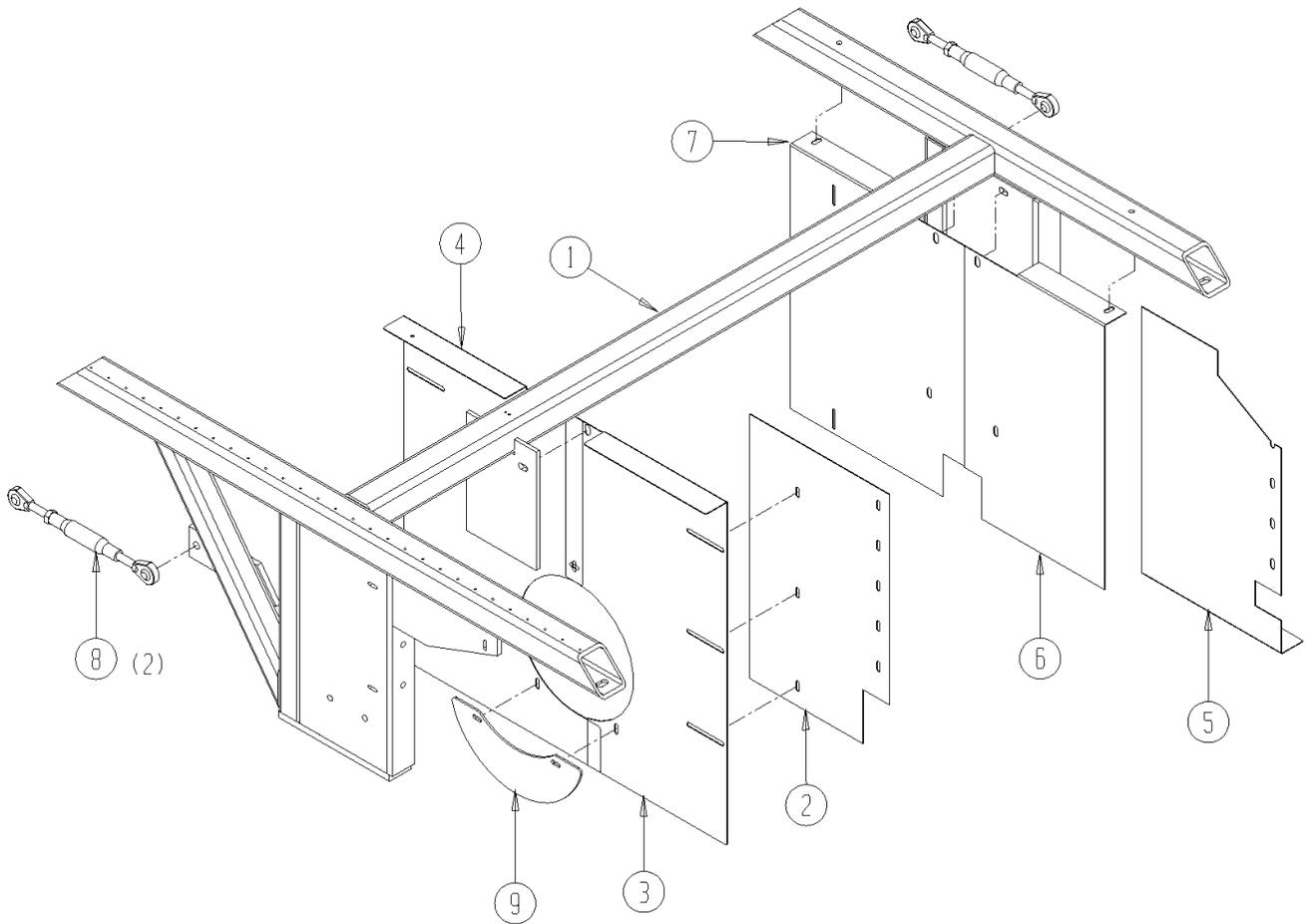
1108-3-9



1108-4-1 Primary Shaker Frame Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FRM-8415	Frame, Primary Shaker, High Capacity Tomato	1		
2	PAN-8404	Panel, Top Front Inside, Shaker, HC290	1		
3	PAN-8405	Panel, Inside Middle, Shaker, HC290	1		
4	PAN-8406	Panel, Inside Rear, Shaker, HC290	1		
5	PAN-8408	Panel, Outside Front, Shaker, HC290	1		
6	PAN-8409	Panel, Outside Middle, Shaker, HC290	1		
7	PAN-8410	Panel, Outside Rear, Shaker, HC290	1		
8	TL-03470	Top Link, Category "0" (11in.-15-1/2in.)	2		
9	PAN-8415	Panel, Inside, Shaker Chamber, HC290 Tomato	1		

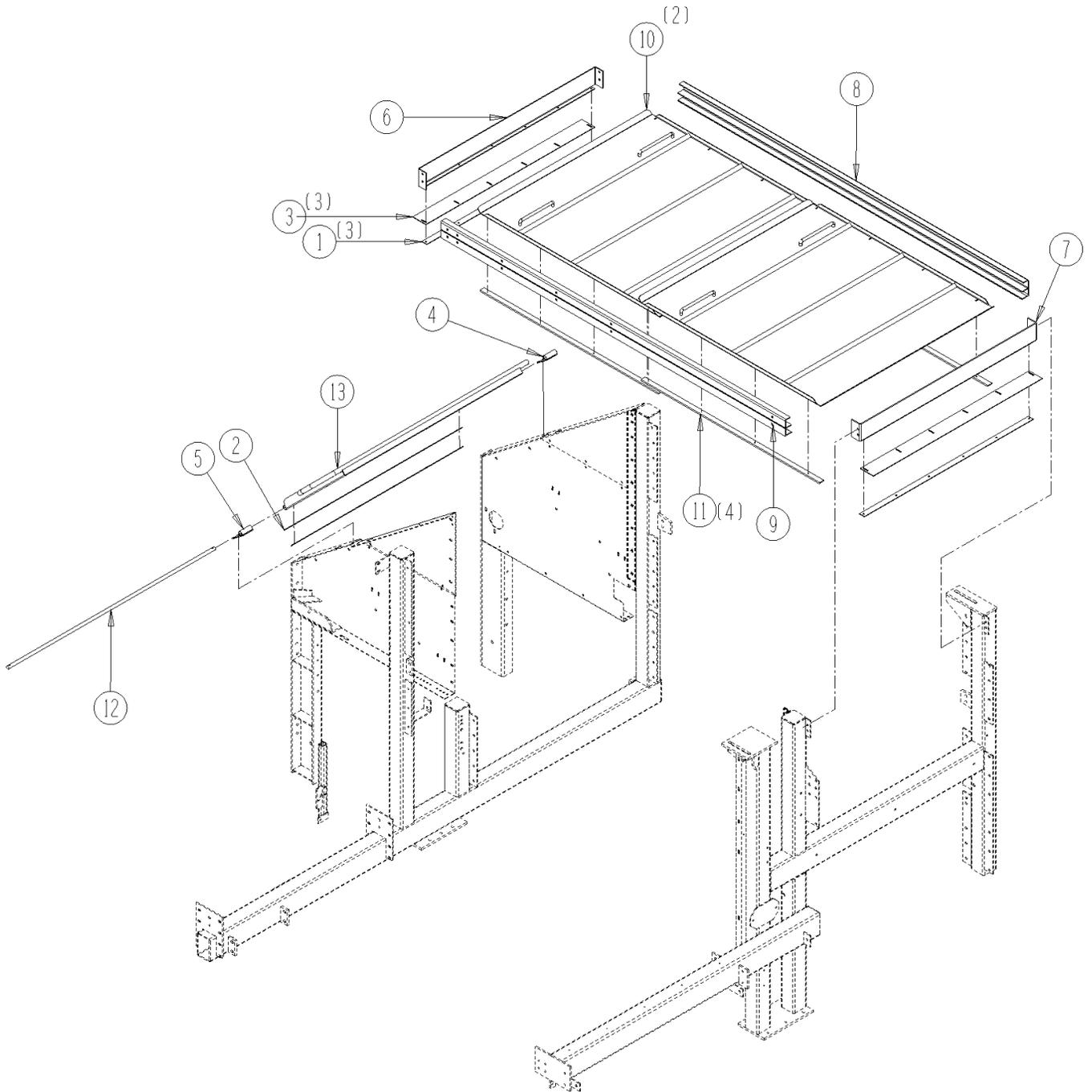
1108-4-1



1108-4-2 Primary & Secondary Shaker Covers

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BAR-2026	Backing Bar, Shaker, HC290 Harvester	3		
2	BT-2020	Belting, Shaker Shields, HC290	1		
3	BT-2021	Belting, Shaker Shields, HC290	3		
4	MOU-2020	Mouting Plate, Shaker Shield, HC290	1		
5	MOU-2021	Mounting Plate, Shaker Shield, HC290	1		
6	MOU-2022	Mount, Shaker Shield Frame, HC290	1		
7	MOU-2023	Mount, Shaker Shield, HC290	1		
8	MOU-2024	Side Mount, Shaker Shield, HC290	1		
9	MOU-2025	Side Mount, Shaker Shield, HC290	1		
10	PAN-2020	Panel Wldmt, Shaker Shield, HC290	2		
11	PL-2020	Plastic, Side Mounts, Shaker Shields, HC290	4		
12	SFT-2020	Shaft, Shaker Shield, HC290	1		
13	SHD-2020	Shaker Shield, HC290	1		

1108-4-2



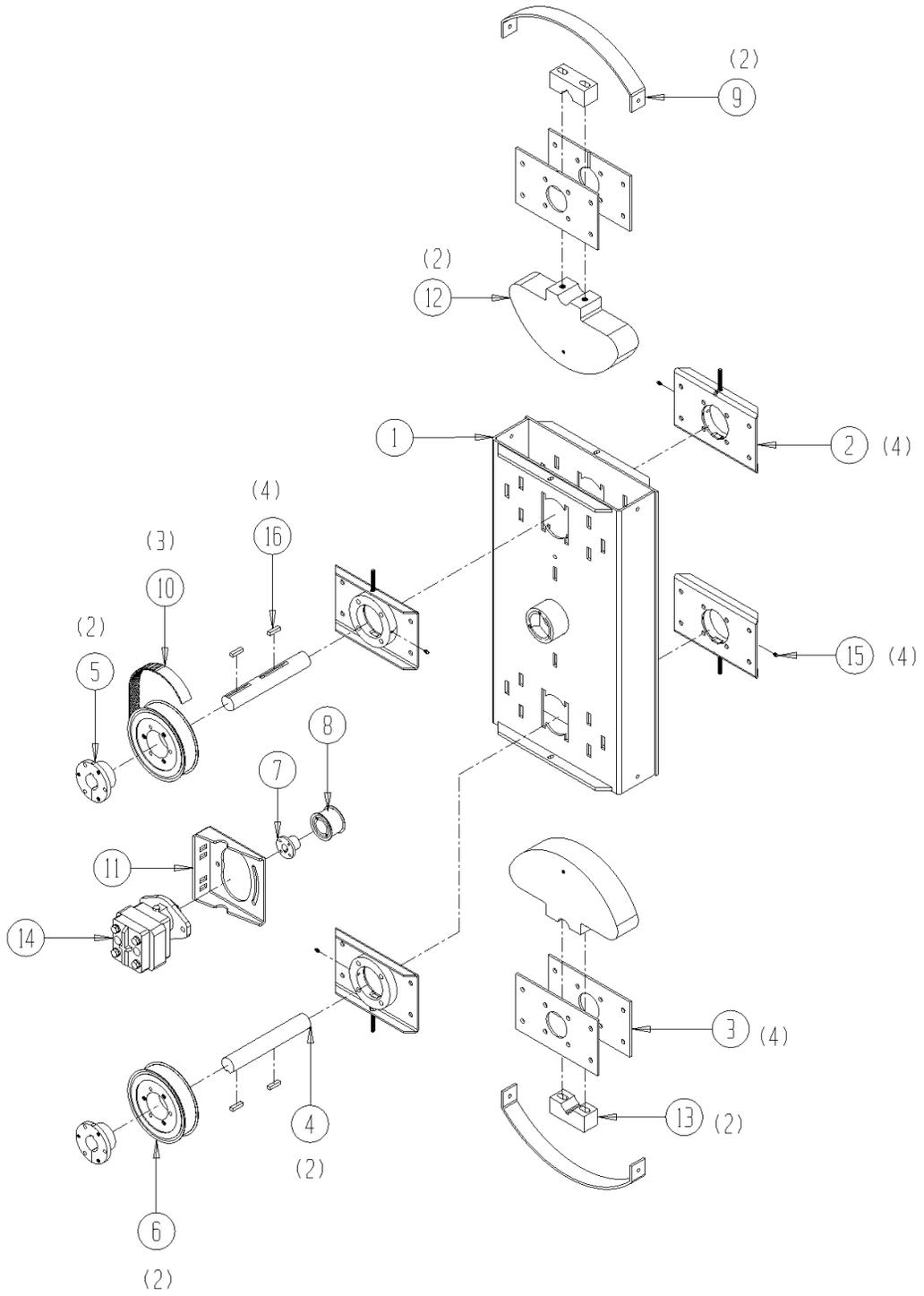
1108-4-3 Primary Shaker Drum Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8402	Shaft, Shakers, High Cap Tomato Machine	1		
2	SHA-8400	290 Shaker Tube	1		
3	BR-100-RAK	Bearing Housing 100 mm	2	11001	
4	BR-175-ER	Bearings, 1 3/4" ER	2	11001	
5	BR-175-100	Heavy Duty I 3/4" Bearing	2		
6	HM-103-TC	TCI Motor	1		Seal Kit # TCI-SKHRQ
7	194-416	Mount, Shaker Rotation Motor	1	19101	For use with 194-416a
8	194-416A	Mount, Shaker Rotation Motor	1	19101-	For use with 194-416
9	CPR-422-18	Lovejoy Donut W/ Hardware	1		
10	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
11	CPR-422D-18	Coupler, Shaker, Motor Side, 1" Shaft	1	30095001-	
12	PU-80-8M-525	Pulley, 5.25 Wide, panther tooth config	1		
13	PU-SK-28	Bushing, SK x 1 3/4"	3	19101	
14	SPA-8401	Spacer, Rotation Mount, Pri Sha, HC290	1		
15	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	1		
16	GF-1428	Grease Fitting 1/4" x 28 straight	2		
100	BL-6-100-H-8	3/8-16 X 1 HEX CAP GR8ZC	4		

1108-4-4 Primary Shaker Weight & Box Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SHA-8402	Shaker Weight Box	1		Replaces SHA-3402.
2	BR-100-SUP	Bearing Holder Wldmt, Primary Shaker	4		
3	MOU-098	Backing Plate, Shaker	4		Replaces MOU-097
4	SFT-097	Weight Shaft	2		
5	PU-SF-28	Bushing, SF x 1 3/4"	2		
6	PU-80-8PTH-35-SF	Primary Weight Pulley, 35mm Wide, Panther Style	2		
7	PU-QT-14	QT Bushing, 7/8 bore, 1/4 keyway	1		2) BL-4-100-H grade 5 bolts and 2) BL-4-LW
8	PU-28-PTH-35	Panther Sprocket, 8mm Pitch, 28 Tooth, 35mm Wide	1		
9	193-403	Shaker, Weight guards	2		
10	BT-1280PTH8M-35	Primary Weight Drive Belt, 35 mm Wide, Panther Style	3		
11	MOU-0022	Mount, Weight Motor, Shakers, Harvesters	1		Replaces 110-515
12	WGT-402	Weight, Primary Shaker	2		
13	WGT-402C	Cap, Primary & Secondary Shaker Weight	2		
14	HM-412C	Hydraulic Motor	1	19101	Replaces 191-412 RP: HM-0381, HM-1801, HM- 2585, HM-2686, HM-412B
15	GF-1428	Grease Fitting 1/4" x 28 straight	4		
16	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	4		
100	BL-10-375-8	5/8-11 X 3 3/4 HEX CAP G8 ZC	4		
101	BL-10-FW-8	5/8" Grade 8 Flat Washer	4		
102	BL-10-LW	5/8 SPLIT LW ZC	4		
103	BL-5-200-8T	5/16-18 x 2 Grade 8 Tap Bolt	6		
104	BL-6-275-ST	3/8-16 x 2.75 Fully Threaded Stud	4		
105	BL-6-N	3/8-16 HEX NUTS ZC	16		
106	BL-8-150-H8	1/2x1 1/2 Grade 8 Hex Head	16		
107	BL-8-225-H8	1/2 x 2 1/4, Grade 8, Hex Head	16		
108	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	48		
109	BL-8-LNS	1/2 Stover Lock Nut	32		

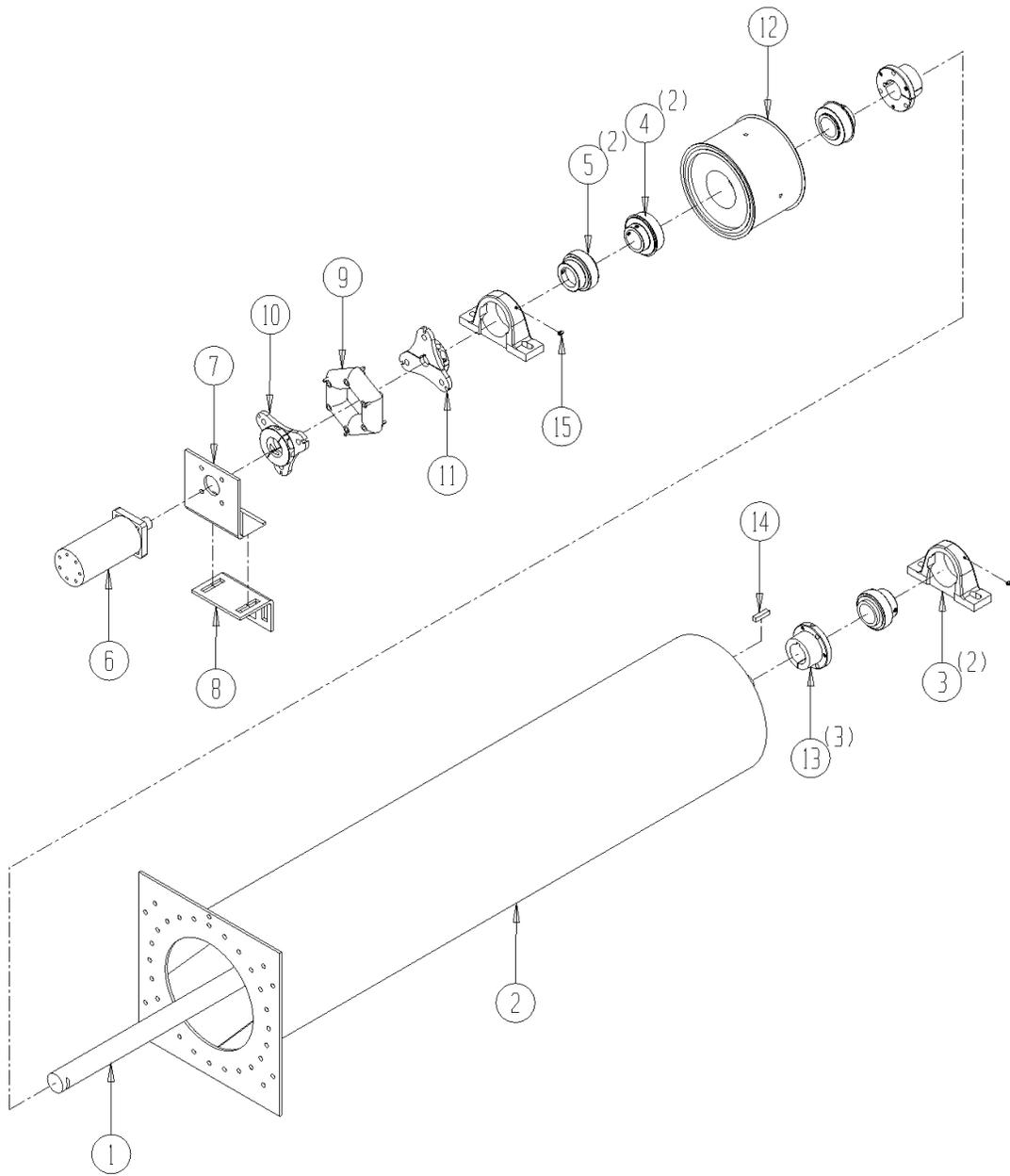
1108-4-4



1108-4-5 Secondary Shaker Drum Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8402	Shaft, Shakers, High Cap Tomato Machine	1		
2	SHA-8400	290 Shaker Tube	1		
3	BR-085-RAK	Bearing Housing 85 mm	2		
4	BR-175-ER	Bearings, 1 ¾" ER	2	11001	
5	BR-175-085	Fafnir Bearing 1 ¾ Tri Seal	2		
6	HM-103-TC	TCI Motor	1		Seal Kit # TCI-SKHRQ
7	MOU-8401	Mount, Shaker Rotation Secondary, HC290	1		
8	194-416A	Mount, Shaker Rotation Motor	1	19101-	For use with 194-416
9	CPR-422-18	Lovejoy Donut W/ Hardware	1		
10	CPR-422C-18	Coupler, Shaker Side	1	30095001-	
11	CPR-422D-18	Coupler, Shaker, Motor Side, 1" Shaft	1	30095001-	
12	PU-80-8M-525	Pulley, 5.25 Wide, panther tooth config	1		
13	PU-SK-28	Bushing, SK x 1 ¾"	3	19101	
14	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	1		
15	GF-1428	Grease Fitting 1/4" x 28 straight	1		
16	BR-175-LC	1 ¾" Locking Collar - Bearing Protector	1		
100	BL-6-100-H-8	3/8-16 X 1 HEX CAP GR8ZC	4		

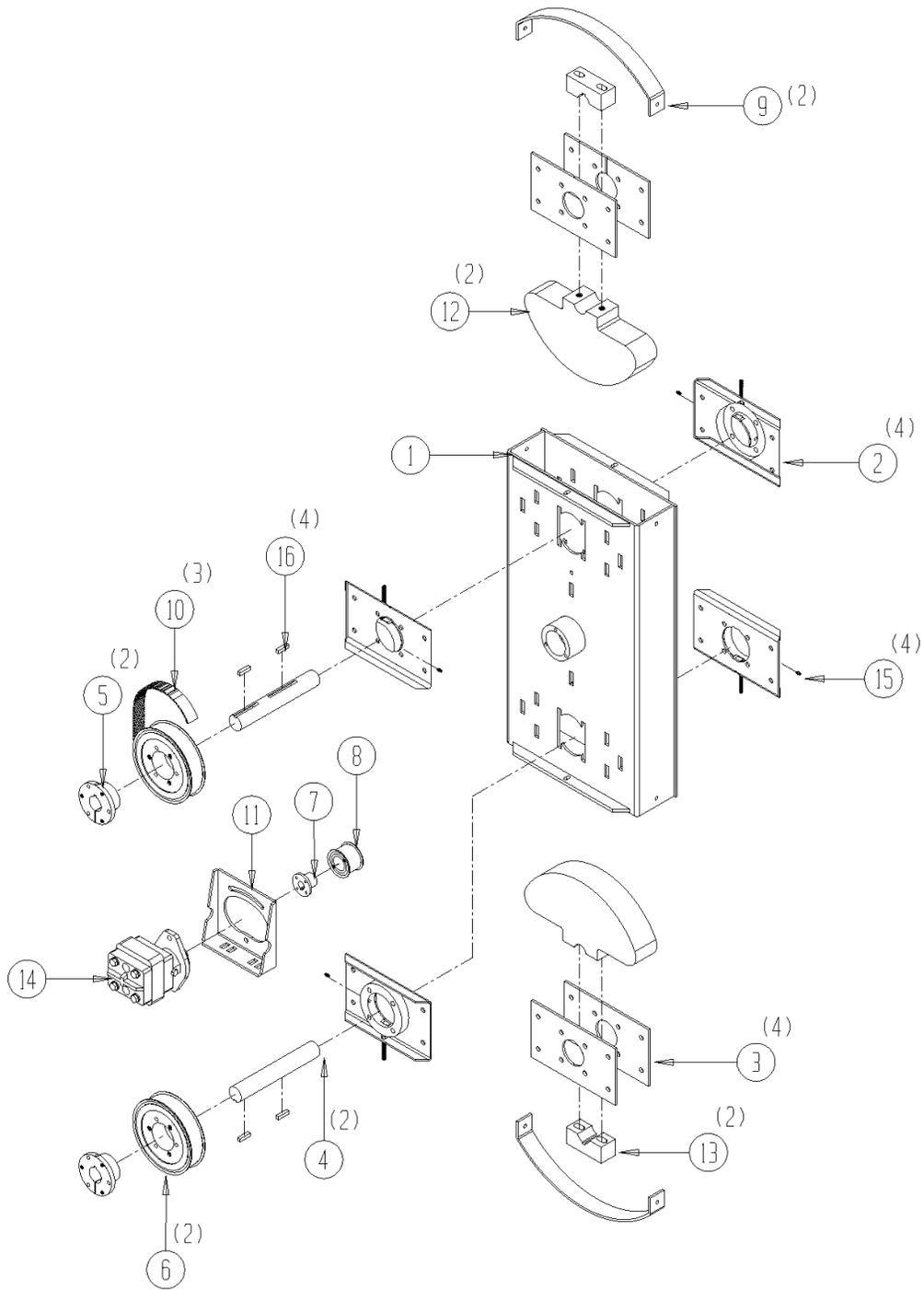
1108-4-5



1108-4-6 Secondary Shaker Weight & Box Assem.

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SHA-8402	Shaker Weight Box	1		Replaces SHA-3402.
2	BR-100-SUP	Bearing Holder Wldmt, Primary Shaker	4		
3	MOU-098	Backing Plate, Shaker	4		Replaces MOU-097
4	SFT-097	Weight Shaft	2		
5	PU-SF-28	Bushing, SF x 1 3/4"	2		
6	PU-80-8PTH-35-SF	Primary Weight Pulley, 35mm Wide, Panther Style	2		
7	PU-QT-14	QT Bushing, 7/8 bore, 1/4 keyway	1		2) BL-4-100-H grade 5 bolts and 2) BL-4-LW
8	PU-28-PTH-35	Panther Sprocket, 8mm Pitch, 28 Tooth, 35mm Wide	1		
9	193-403	Shaker, Weight guards	2		
10	BT-1280PTH8M-35	Primary Weight Drive Belt, 35 mm Wide, Panther Style	3		
11	MOU-0022	Mount, Weight Motor, Shakers, Harvesters	1		Replaces 110-515
12	wgt-402	Weight, Primary Shaker	2		
13	WGT-402C	Cap, Primary & Secondary Shaker Weight	2		
14	HM-412C	Hydraulic Motor	1	19101	Replaces 191-412 RP: HM-0381, HM-1801, HM- 2585, HM-2686, HM-412B
15	GF-1428	Grease Fitting 1/4" x 28 straight	4		
16	KEY-6-6-24	Keystock 3/8" x 3/8" x 1 1/2" Square Cut (1018)	4		
100	BL-10-375-8	5/8-11 X 3 3/4 HEX CAP G8 ZC	4		
101	BL-10-FW-8	5/8" Grade 8 Flat Washer	4		
102	BL-10-LW	5/8 SPLIT LW ZC	4		
103	BL-5-200-8T	5/16-18 x 2 Grade 8 Tap Bolt	6		
104	BL-6-275-ST	3/8-16 x 2.75 Fully Threaded Stud	4		
105	BL-6-N	3/8-16 HEX NUTS ZC	16		
106	BL-8-150-H8	1/2x1 1/2 Grade 8 Hex Head	16		
107	BL-8-225-H8	1/2 x 2 1/4, Grade 8, Hex Head	16		
108	BL-8-FW-8	1/2 FLAT WASHER G8 ZC	48		
109	BL-8-LNS	1/2 Stover Lock Nut	32		

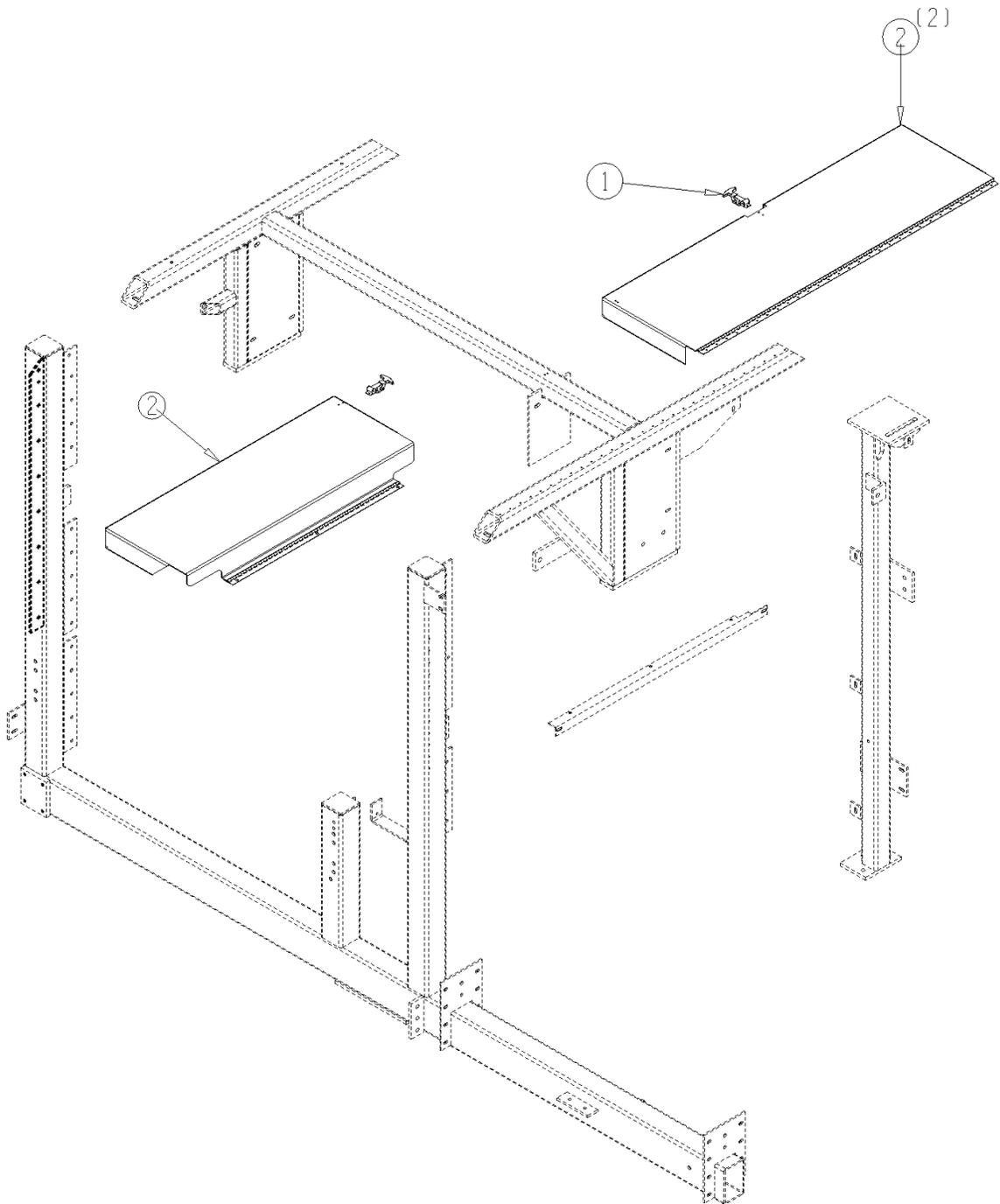
1108-4-6



1108-4-7 Primary & Secondary Shaker Weight Covers

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	la-1530	Medium Rubber T Latch Assembly	2		
2	SHD-2021	Primary Shaker Weight Cover	1		
3	SHD-2022	Shield, Secondary Shaker Weight	1		

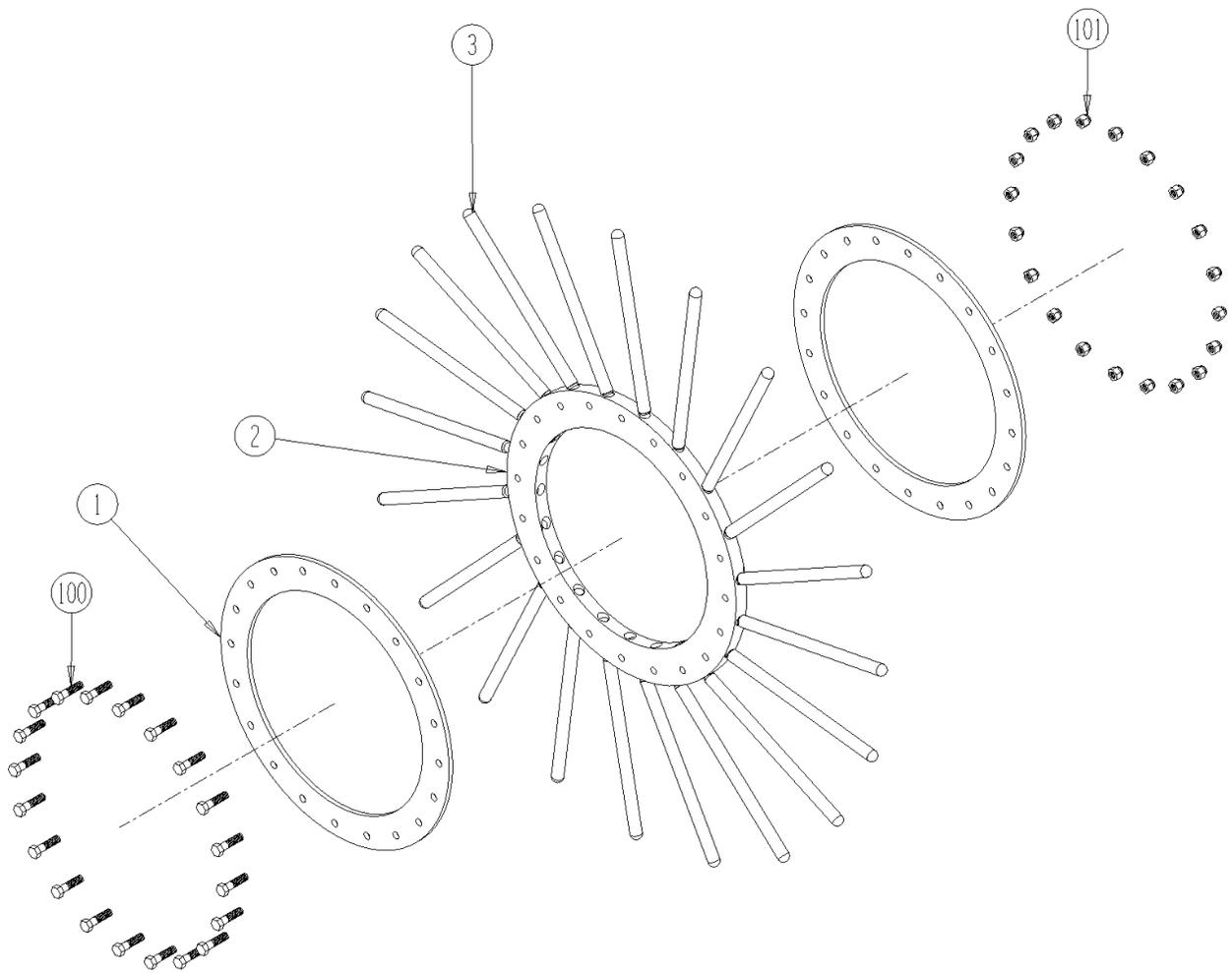
1108-4-7



1108-4-8 Primary Shaker Ring & Finger Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	191-432	Tine Holder Flanges	26	11001- 30095001-	
2	192-431	Moulded Rubber Tine Holders	13	19101- 30095001-	
3	ST-430-P	Shaker Tines , Molded Urethane	260		
100	BL-6-150-SS	3/8-16 X 1 1/2 HEX CAP SS	260		
101	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	260		

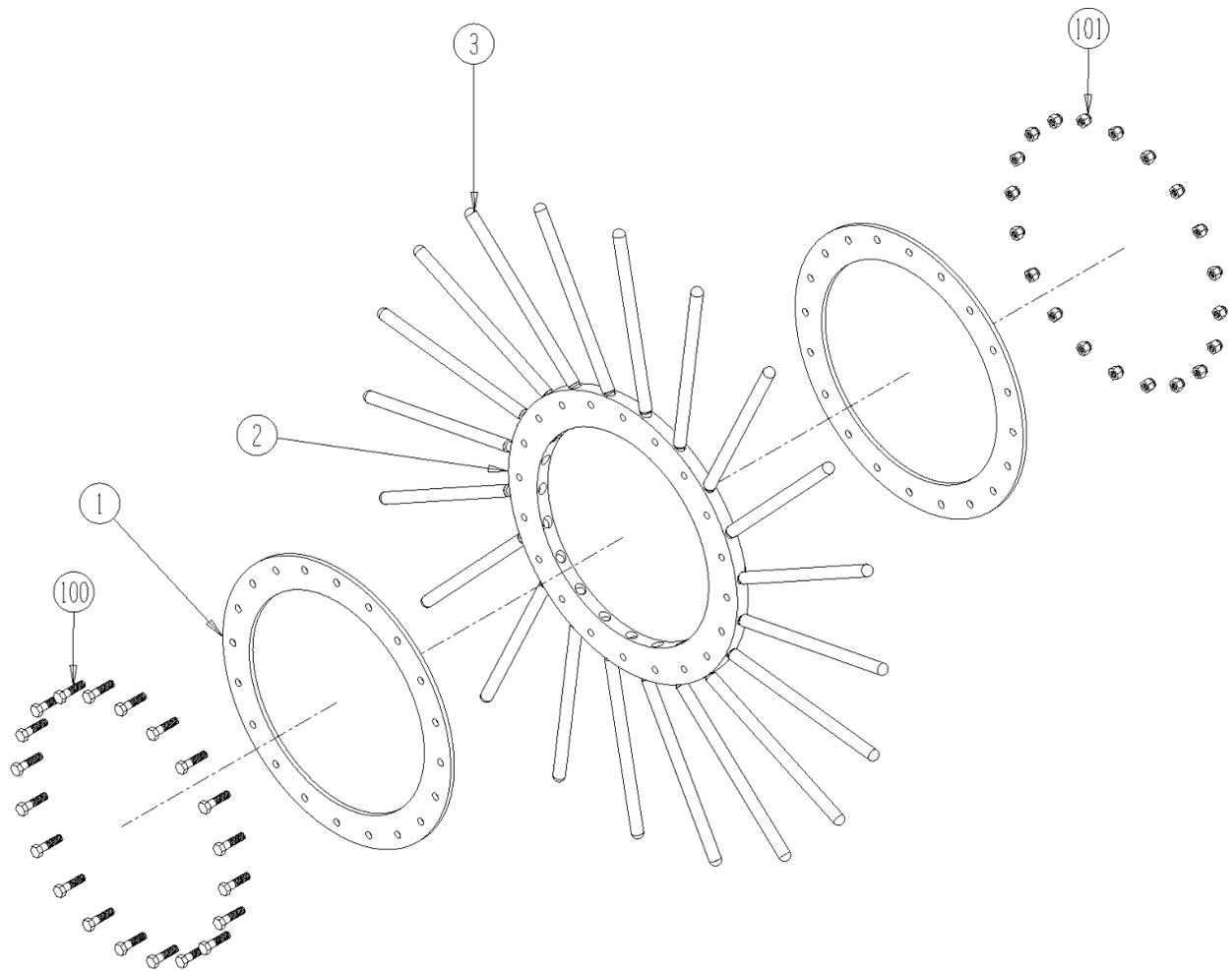
1108-4-8



1108-4-9 Secondary Shaker Ring & Finger Assembly

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

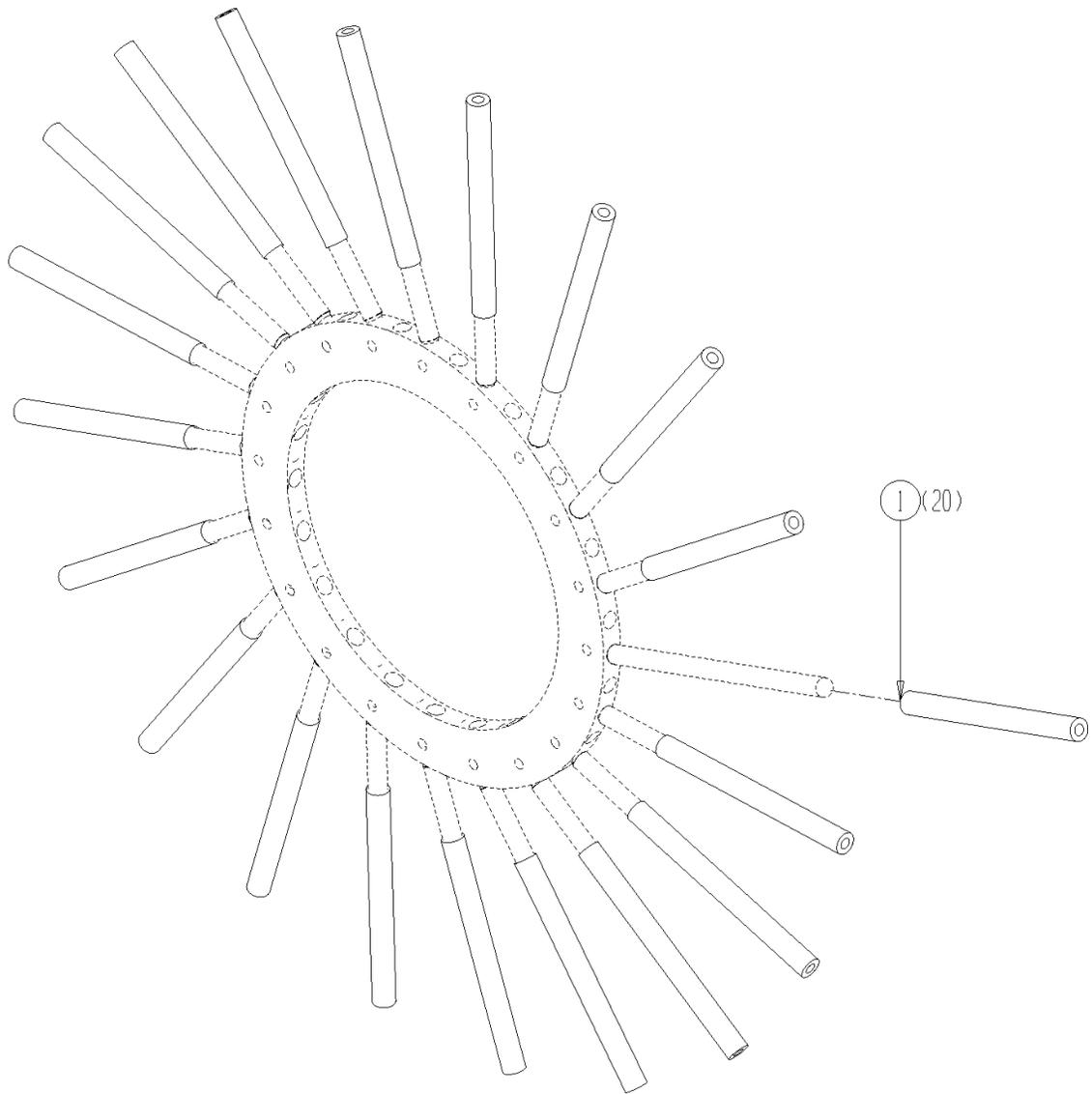
1108-4-9



1108-4-10 Optional Shaker Tine Covers

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BC-6000-8	Shaker Finger Protectors, 3/8" ID x 3/4" OD x 8"	20		Bundled in 100 Piece Lots

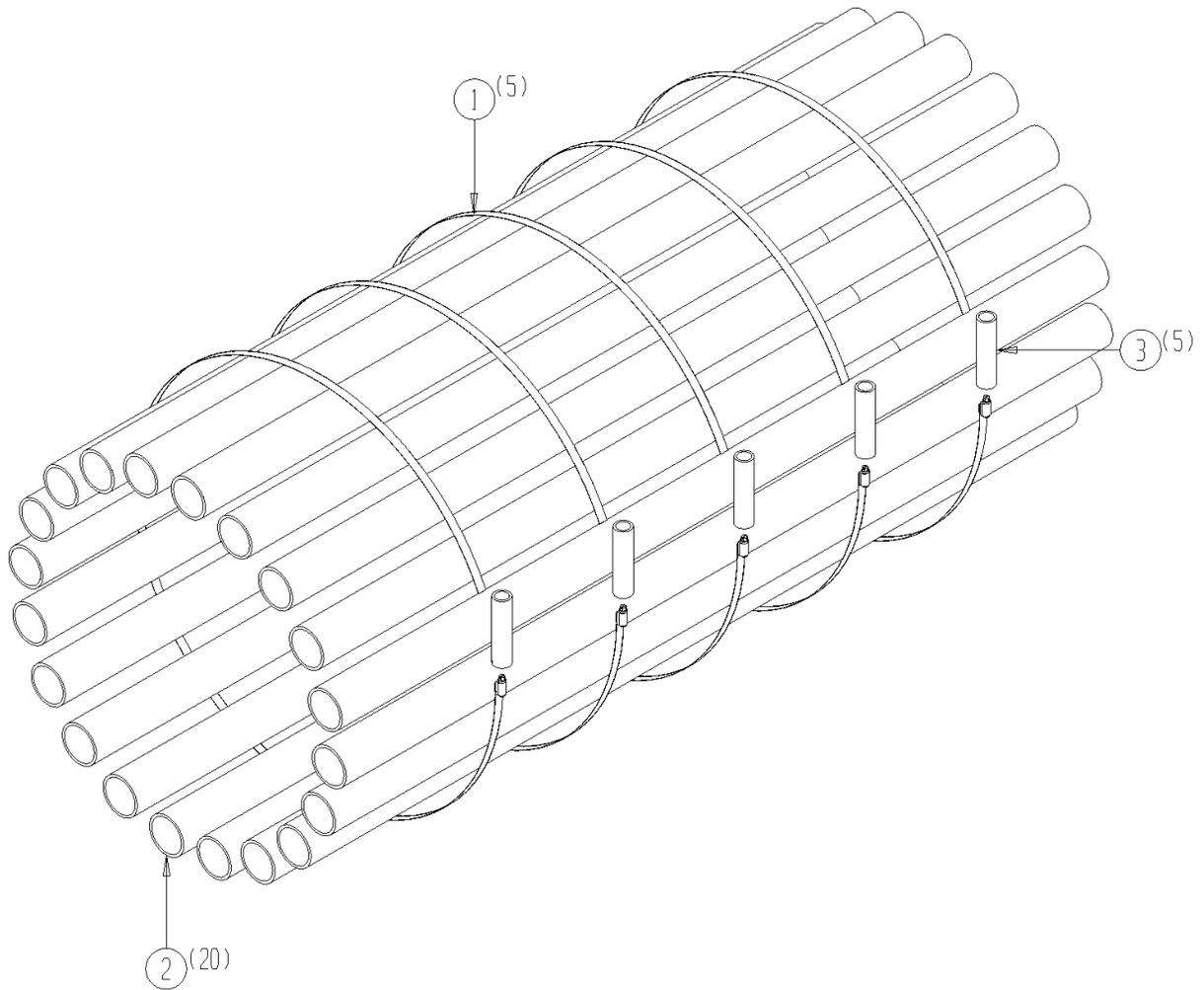
1108-4-10



1108-4-11 Optional Shaker Spacer Tubes

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	CL-001	Clamp, 71.5" Long, For 21.5" Dia, SS Gear Clamp	5		100 Pc. Minimum From Mfg.
2	PL-32-53	Plastic, Shaker Spacer Tubes, HC290	20		
3	PL-7504-4	PVC Clamp Cover, 4"	5		

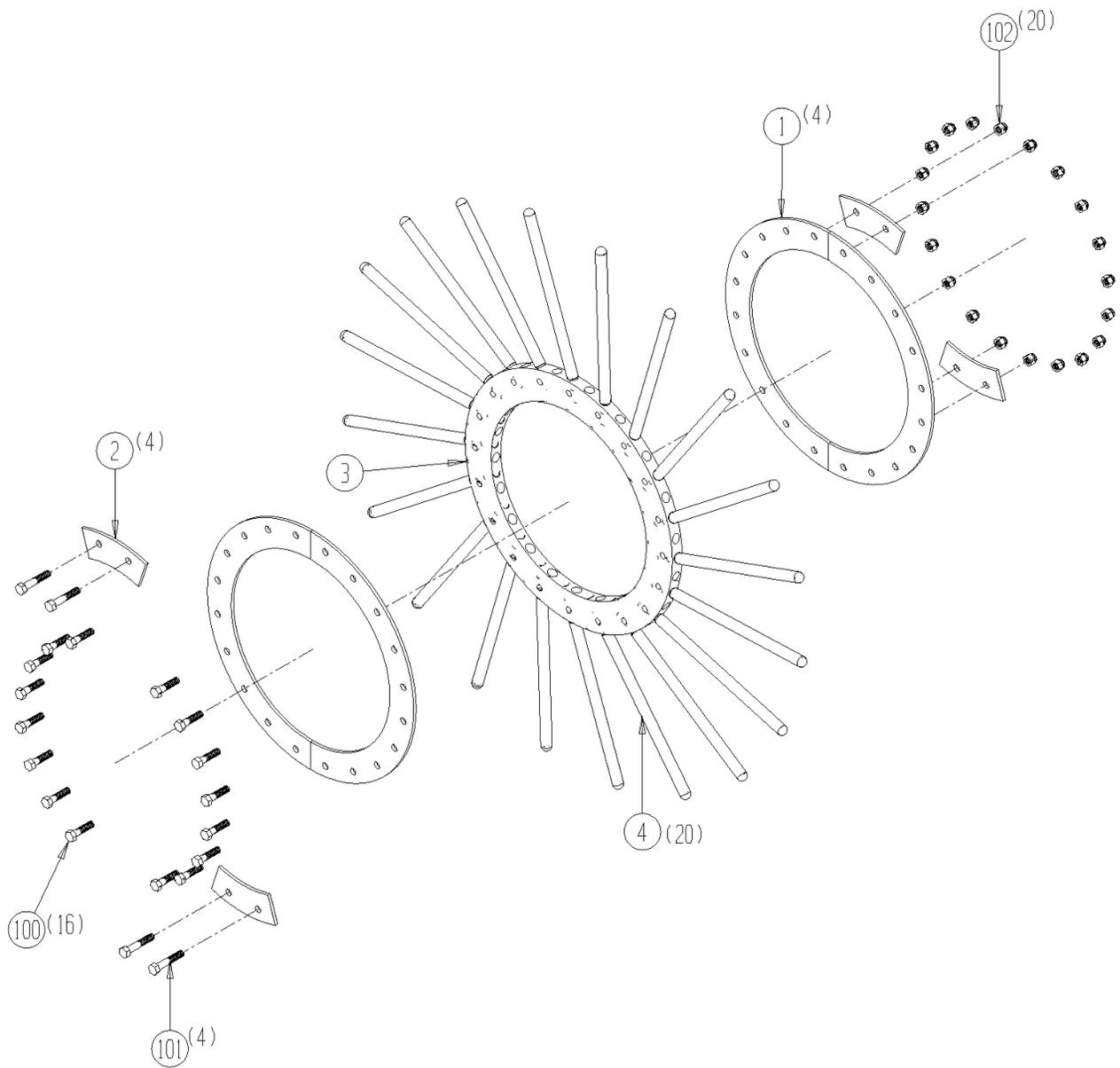
1108-4-11



1108-4-12 Optional Half Ring & Finger Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
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		

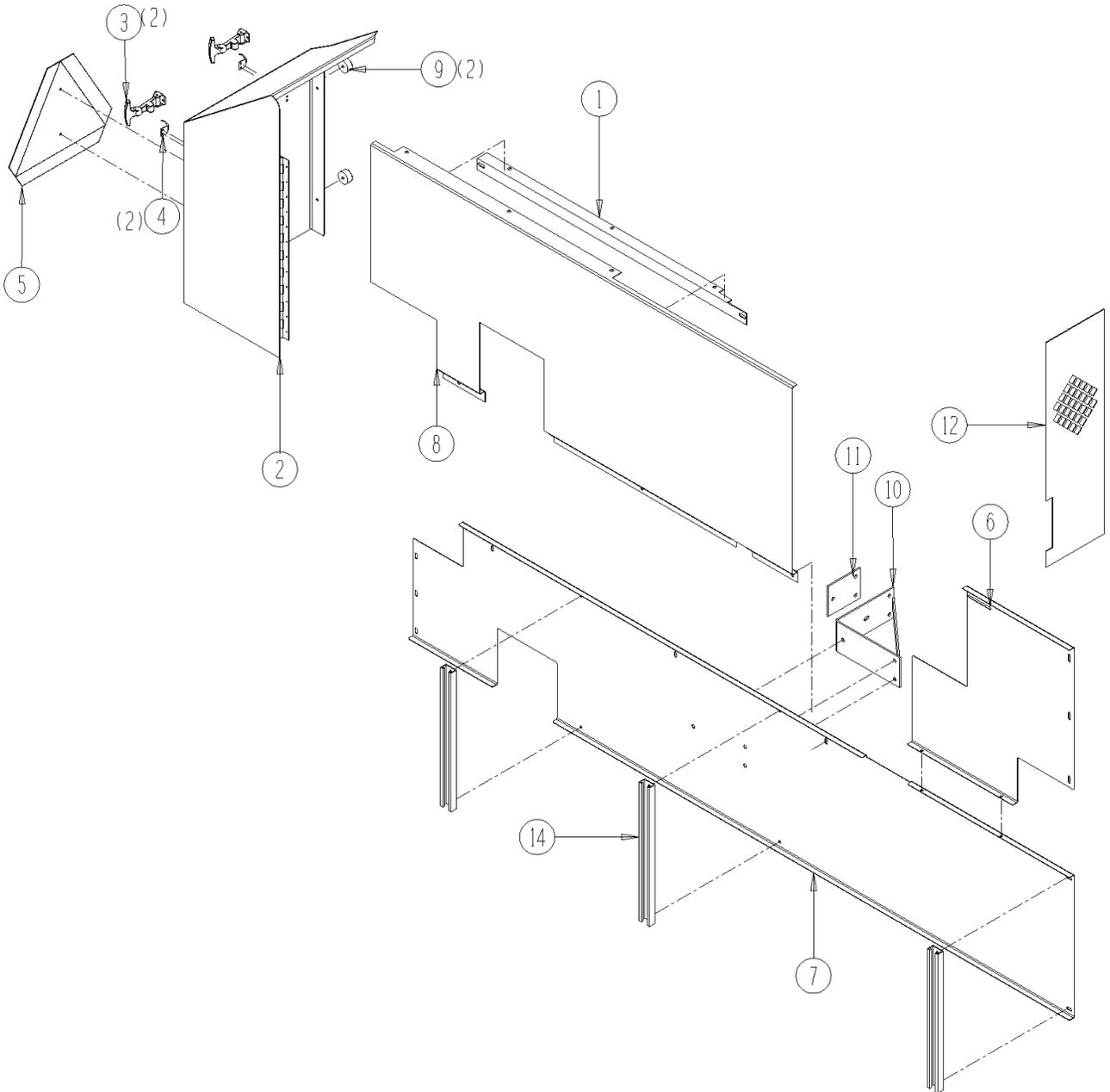
1108-4-12



1108-4-13 Shaker Weight Box Shield Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ARM-8402	Shield, Arm, Shaker Flip Up, HC290	1		
2	SHD-8452	Shield, Shaker Box, Secondary, HC290	1		
3	LA-703A	Large Rubber T Latch Assembly	2		
4	LA-703B	T Latch Keeper	2		
5	SMV-PL	SMV Sign, Metal	1		
6	SHD-8400	Shield, Front Weight Box, Primary, HC290	1		
7	SHD-8401	Shield, Weight Box, HC290	1		
8	SHD-8402	Shield, Flip Up, Primary, HC290	1		
9	194-1418	Rubber Bumper	2	19401	
10	ARM-8401	Arm, Panel Support, Shaker, HC 290	1		
11	ADJ-8401	Adjuster, Panel Support, Shaker Shield, HC 290	1		
12	SHD-8403	Shield, Primary Shaker Box, Shaker Frame, HC290	1		
13	CG-238-350	Chip Guard, 2.375"x3.50", PG Type, .040	6		
14	HA-8400	Hose Holder, Shaker Weigth Box, 290	3		
100	BL-4-LWN	1/4" Locking Wing Nut	0		

1108-4-13



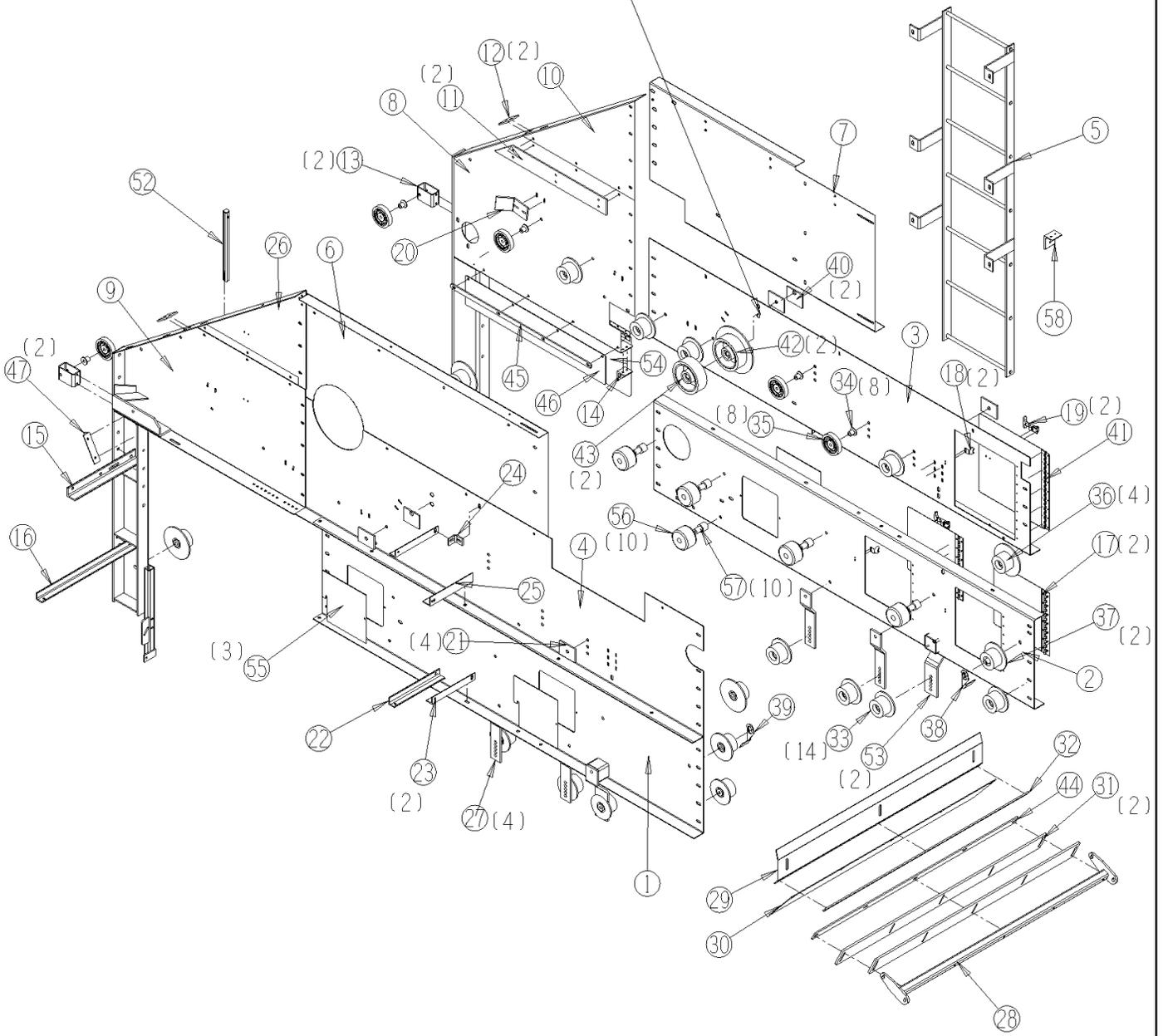
1108-5-1 Vine & Transfer Chamber Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8400	Panel, Lower, Inner Transfer, High Cap Tomato	1		
2	PAN-8401	Panel, Outer, Lower Transfer, High Cap Tomato	1		
3	PAN-8402	Panel, Outr, Middle, Shagr Chambr, High Cap Tom	1		
4	PAN-8403	Panel, Middle, Inside, Shaker Chamber, High Cap	1		
5	STD-8400	Stand, Service Ladder, Left HC290	1		
6	PAN-8407	Panel, Inner Top, Sec. Shaker, HC290	1		
7	PAN-8411	Panel, Outer Top, Sec. Shaker, HC290	1		
8	PAN-8450	Panel, Outer Rear, Transfer Vine Chain Chamber	1		
9	PAN-8451	Panel, Rear, Innr Transf Vine Chmbr, High Cap Tom	1		
10	SID-8450	Side, Top Panel, Outer Shaker, HC290	1		
11	BAR-8506	Bar, Cross Conveyor, HC290	2		
12	BAR-8507	Bar, Cross Conv. HC290	2		
13	MOU-8507	Mount, Roller, Vine Chain, HC290	2		
14	BRA-8450	Bracket, Cross Conveyor, HC290 Tomato	1		
15	MOU-8504	Bracket, Motor Mount, Fan, HC290	1		
16	BRA-8502	Bracket, Angle, Debris Fan, HC290	1		
17	SHD-1525	Shield, Access Panel, Presort Door, Inner	2	19705 19801-	
18	LA-703B	T Latch Keeper	2		
19	LA-703A	Large Rubber T Latch Assembly	2		
20	SHD-1898	Shield, Push Offs, Product Deflectors	2		
21	SUP-62	Support, Bouncer Roller, Vine Chain, Cuc	4		
22	MOU-8400	Angle, Support Between Aftersort & Post, High Cap	1		
23	POS-8403	Post, Top, Inside Shaker Panel, HC290	2		
24	BRA-8403	Bracket, Top Post, Inner Shaker Panels, HC290	1		
25	POS-8402	Post, Middle, Inside Shaker Panel, HC290	1		
26	SID-8451	Side, Top Panel, Inner Shaker, HC290	1		
27	BRA-8400	Bracket, Hold Up Rollers, HC290 Tomato	4		
28	POS-8401	Post, Holder, Header Return Roller, HC290	1		
29	SCR-8400	Scraper, Header Return Roller, HC290	1		
30	BT-8402	Belting, Header Return Roller, HC290	1		
31	PL-8400	Plastic, Divider, Shaker Frame, HC290	2		
32	BAR-8401	Bar, Stiffner, Plastic, 190 Tomato	1		
33	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	14		

34	RLA-000-118	Standoff, 1/2" X 1 1/8"	8	
35	RLR-040-108	4" Flat Roller	8	Changed to Urethane in 2006
36	RLT-635-2210	6" Flange Roller 2.2 WF 3.5 dia, 5/8" bore	4	
37	RLT-535-2210-SC	5" Flange Roller 2.2 WF 3.5 dia, 5/8" bore w/ Hub for Scraper	2	
38	RLA-3024-T	Straight Scraper	1	
39	RLA-3023-T	Straight Scraper, RH	1	
40	BAR-8404	Bar, Support, Bouncer Roller, HC290 Tomato	2	
41	SHD-8404	Shield, Access, Transfer, HC290 Tomato	1	
42	RLT-965-2212	9.5" Flange Roller 6.5 WF 2.2 WW 3/4 bore	2	
43	RLT-065-2212	6.5 WD Roller 2.2 WW 3/4 bore	2	
44	BAR-8406	Lower, Header Return Roller, Shaker Frm, HC290	1	
45	BAR-8405	Bar, Belting Backing Bar, Transfer Chamber, HC290	1	
46	BT-8404	Belting, Outer, Transfer Vine Chamber, HC290	1	
47	MOU-8514	Bearing Mount 290 Tomato Harvester	2	mou-8514
48	DC-1176	Decal, Danger-Hand Chain Sprockets	1	
49	DC-1178	Decal, Small Red PIK RITE 4.25" x 31"	1	
50	DC-1174	Decal, Danger Keep Hands and Feet Away	2	
52	POS-8500	Post, Shaker Frame, 290 Harvester	1	
53	BRA-8405	Hold Up Bracket, 290 Tomato	2	
54	SHD-0148	Shield, Nose Cone End, Cross, HC 290	1	
55	PL-8509	Plastic Door, HC290	3	
56	RLU-040-2516	Urethane Roller 4" dia x 2.5" w	10	
57	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	10	19101-
58	BAR-8408	Greese Fitting Bracket, HC290	1	
59	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2" bore, no flange	2	

1108-5-1

LOCATE FLANGE ROLLER IN BOTTOM HOLE.

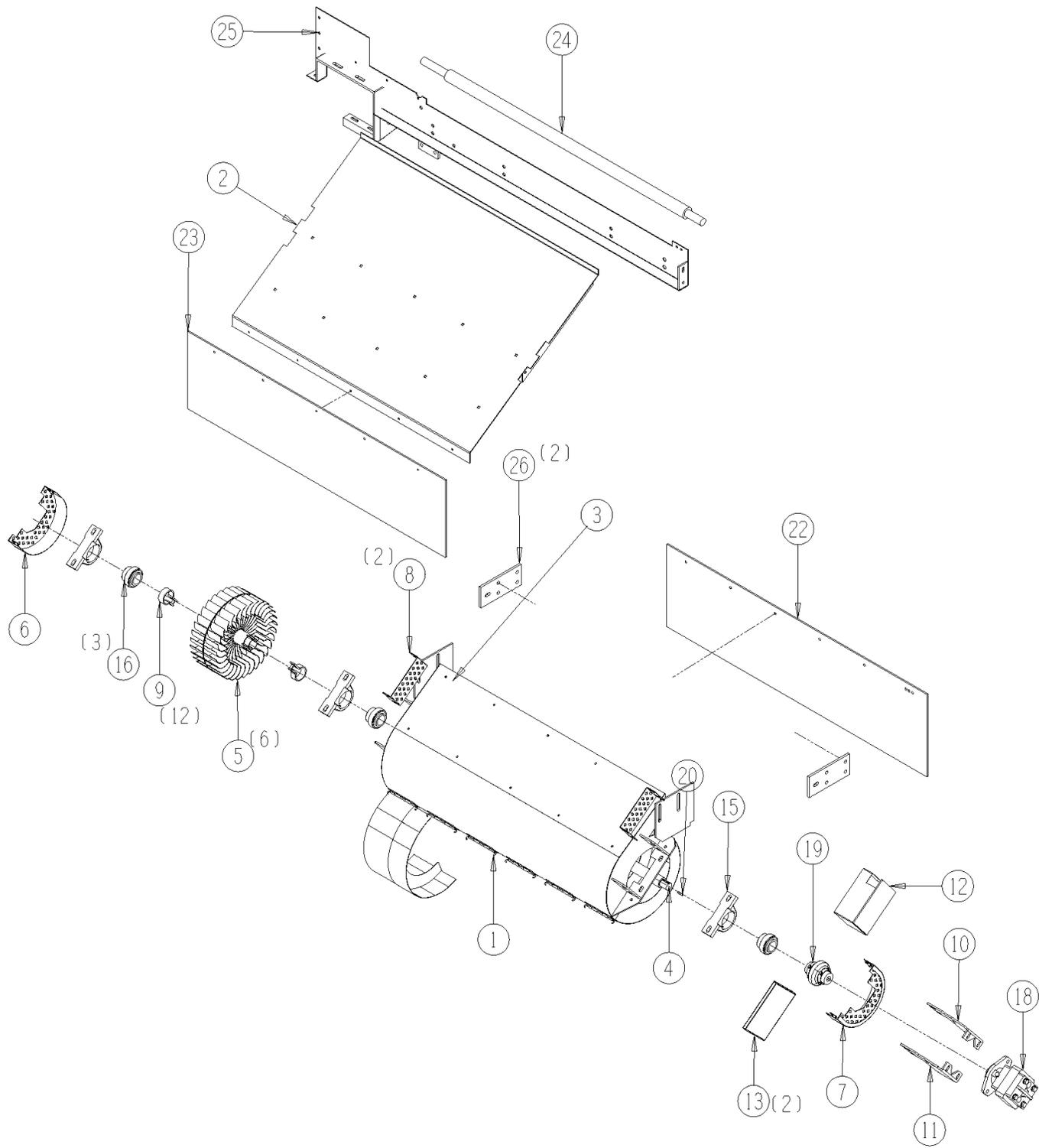


1108-5-1.1 Fan Under Shaker Chamber Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	BL-6-300-E	3/8" x3" Threaded Eye Bolt	3		
0	GF-1428	Grease Fitting 1/4" x 28 straight	3		
1	FAN-8405	6 Blade Fan Housing,290 Transfer	1		
2	PAN-8420	Panel,Transfer Fan Hood, 290	1		
3	MOU-8405	Mount, Transfer Fan,290	1		
4	SFT-8406	Shaft,Transfer Conveyor Fan, 290	1		
5	FAN-730	Plastic Debris Fan (JD)	6		Cucumber harvester
6	SHD-3700	Shield, Rotor, Shaft, Debris Fan (Pickle)	1	30096001-	
7	SHD-0009	Shield, Motor Side, Product Mover Fan	1		
8	SHD-3722	Shield, Top Cover, Debris Fan (Pickle)	2	30096001-	
9	CL-730	Clamp for Fan Rotor (JD)	12		
10	MOU-3707	Mount, Debris Fan Motor (Pickle)	1	30096001-	
10	SUP-3707	Support, Motor Mount, Debris Fan (Pickle)	1	30096001-	
11	MOU-3708	Mount, Front Motor Support, Debris Fan (Pickle)	1	30096001-	
12	SHD-0006	Shield, Fan, Stripper Head	1		
13	SHD-0007	Shield, Fan, Stripper Head	2		
15	BR-085-RAK	Bearing Housing 85 mm	3		
16	BR-175-085-KB	Fafnir Bearing 1 3/4" Heavy SS1	3		
18	HM-412C	Hydraulic Motor	1	19101	Replaces 191-412 RP: HM-0381, HM-1801, HM-2585, HM-2686, HM-412B
19	CPR-7081	Debris Fan Coupler	1		Replaces Lovejoy Coupler In pre 1994 Machines (PN CPJ-7081;CPJ-6055;CPJ-6053) Pre 1992 May require some modifications
20	HM-412B	Key for Hydraulic Motor -Shaker Weight-Vibrator	1	HM-412C & HM-712C	
21	KEY-4-4-20	Shaft Key 1/4" x 1 1/4"	1		
22	PL-8405	Plastic,Transfer Fan Shield,290	1		
23	PL-8406	Plastic,rear Transfer Fan, 290	1		
24	SFT-8405	Shaft,Transfer Return roller/W Fan	1		
25	PAN-8521	Panel,Front Cross,290 W/Trans.Fan	1		
26	BAR-8004	Backing Bar, 290 Harvester	2		
600	A-6901-12-12	12 SAE x 3/4" FPX 90°, Forged	4		
601	A-4124-6-6	3/8 Male Pipe x 3/8 Push Loc	1		
602	H6-PL-216	3/8" Push Loc Hose 216" long	1		

620	WT-17H	Heavy Duty Wire Tie 17.5"	10
621	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	1
622	A-5404-12-12	Hex Nipple ¾" x ¾"	1
623	A-1501-12-12	¾MP x ¾ FPX 90°	1
624	A-1603-12-12	Swivel T ¾" NPTF	1
625	A-6401-12-12	12 SAE x ¾" MP Hex Nipple	1

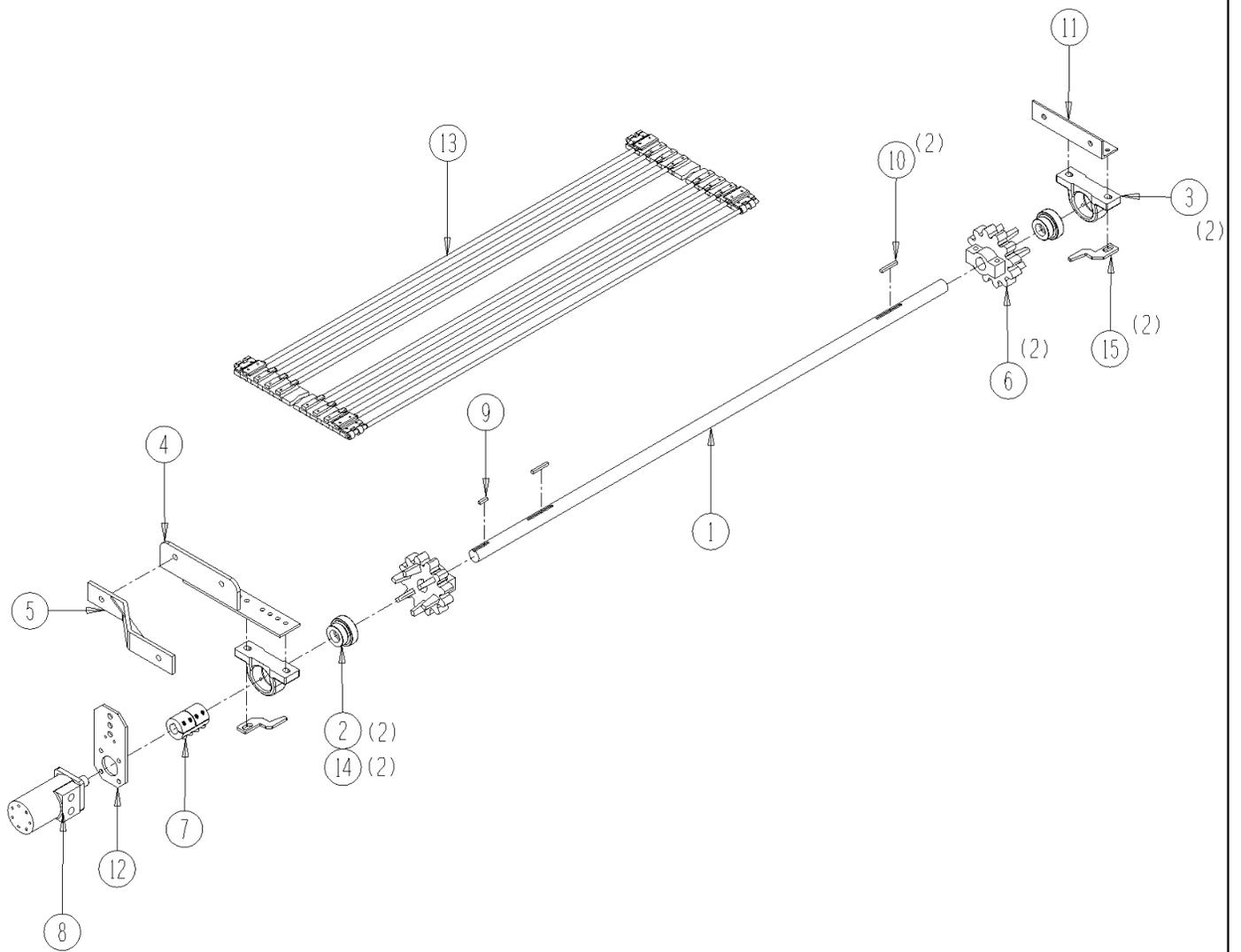
1108-5-1.1



1108-5-2 Transfer Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8400	Shaft, Transfer Chain, High Cap Tomato Machine	1		
2	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
3	BR-072-RAK	Bearing Housing 72 mm	2		
4	BRA-8452	Bracket, Motor Stop, Transfer, HC290	1		
5	BRA-8507	Bracket, Motor Stop, Transfer, HC290	1		
6	SP-3612-20-4 HC	Belted chain Sprocket 36mm x 12 tooth 1 1/4-1/4 hi chrome	2		
7	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
8	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
9	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	
10	KEY-4-4-32	Shaft Key 1/4" x 2" Square Cut (1018)	2		
11	MOU-8450	Angle, Transfer, Vine Chain Chamber, High Cap Tom	1		
12	MOU-8505	Mount, Motor, w/Torque Arm, HC290	1		
13	BC-7-5336-166	Transfer Chain, High Capacity Tomato Model 2100	1		
14	BR-12572-LC	1 1/4" Locking Collar - Bearing Protector	2		
15	SCR-102	Scraper, For 72mm Bearings, Tomato Harvester	2		

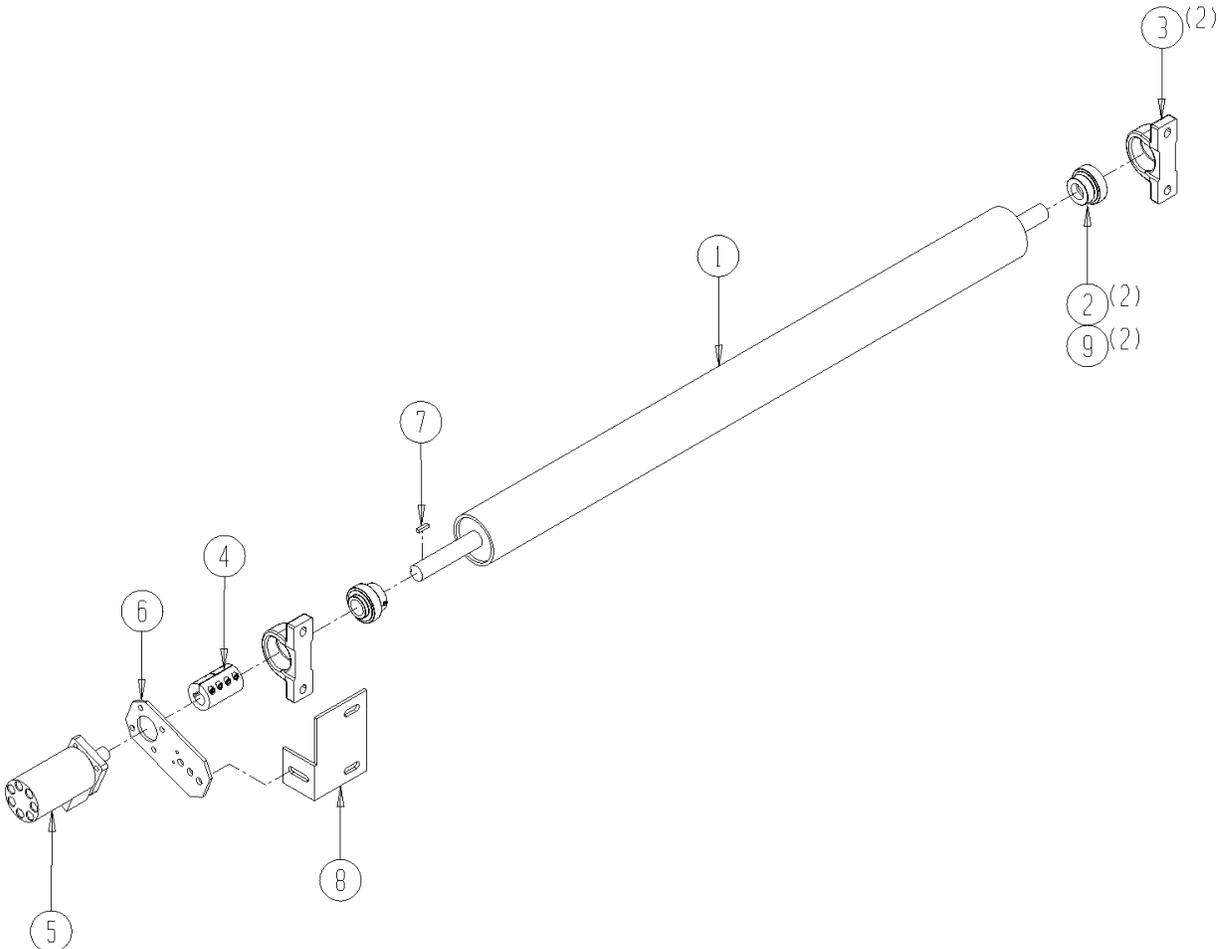
1108-5-2



1108-5-3 Transfer Return Roller Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8403	Shaft, Return Roller, Transfer Chain, HC290	1		
2	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
3	BR-072-RAK	Bearing Housing 72 mm	2		
4	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	MOU-8505	Mount, Motor, w/Torque Arm, HC290	1		
7	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	
8	BRA-8404	Bracket, Transfer, HC290 Tomato	1		
9	BR-12572-LC	1 1/4" Locking Collar - Bearing Protector	2		

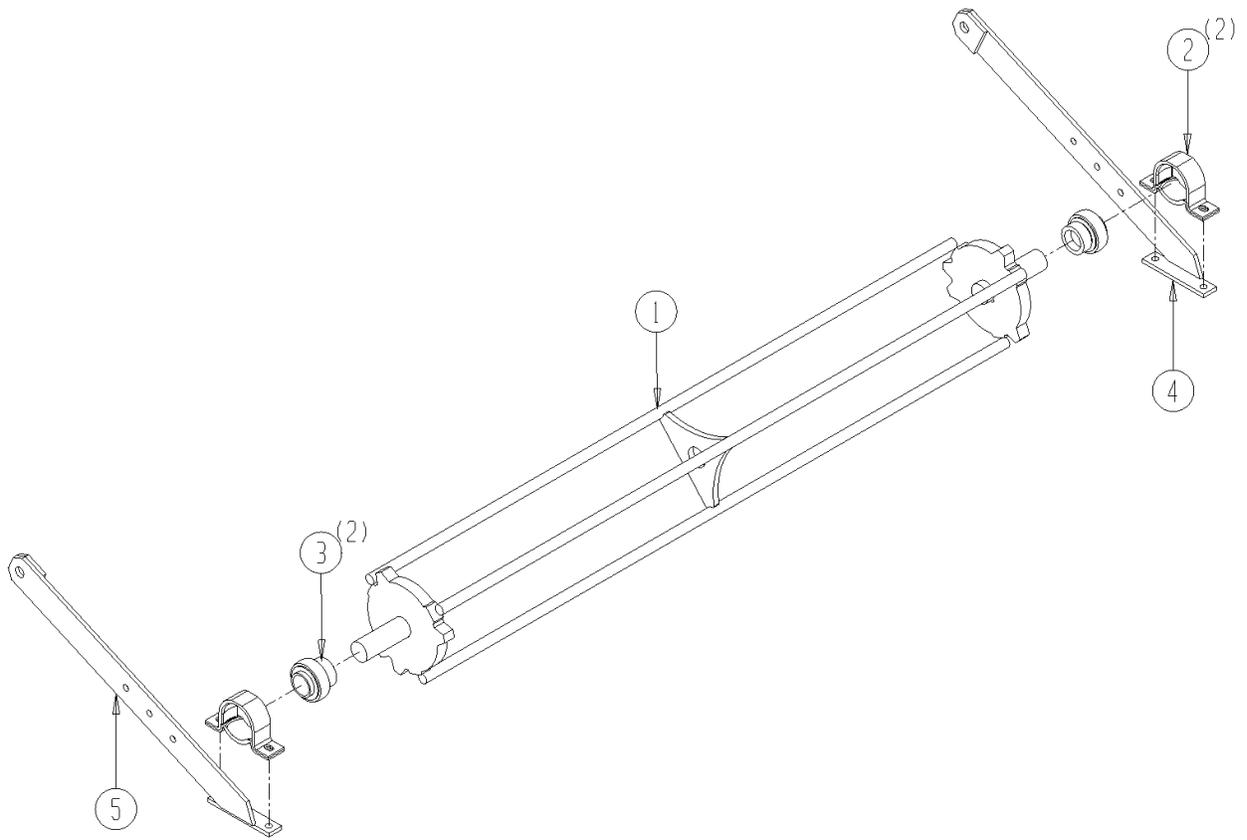
1108-5-3



1108-5-4 Transfer Bar Cleaner Assembly (Standard)

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BAR-5336	Bar, 53" Belted Chain Rod Cleaner, HC290	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	192-362A	Chain cleaner bar (Left)	1	19101-	
5	192-362B	Chain cleaner bar (Right)	1	19101	

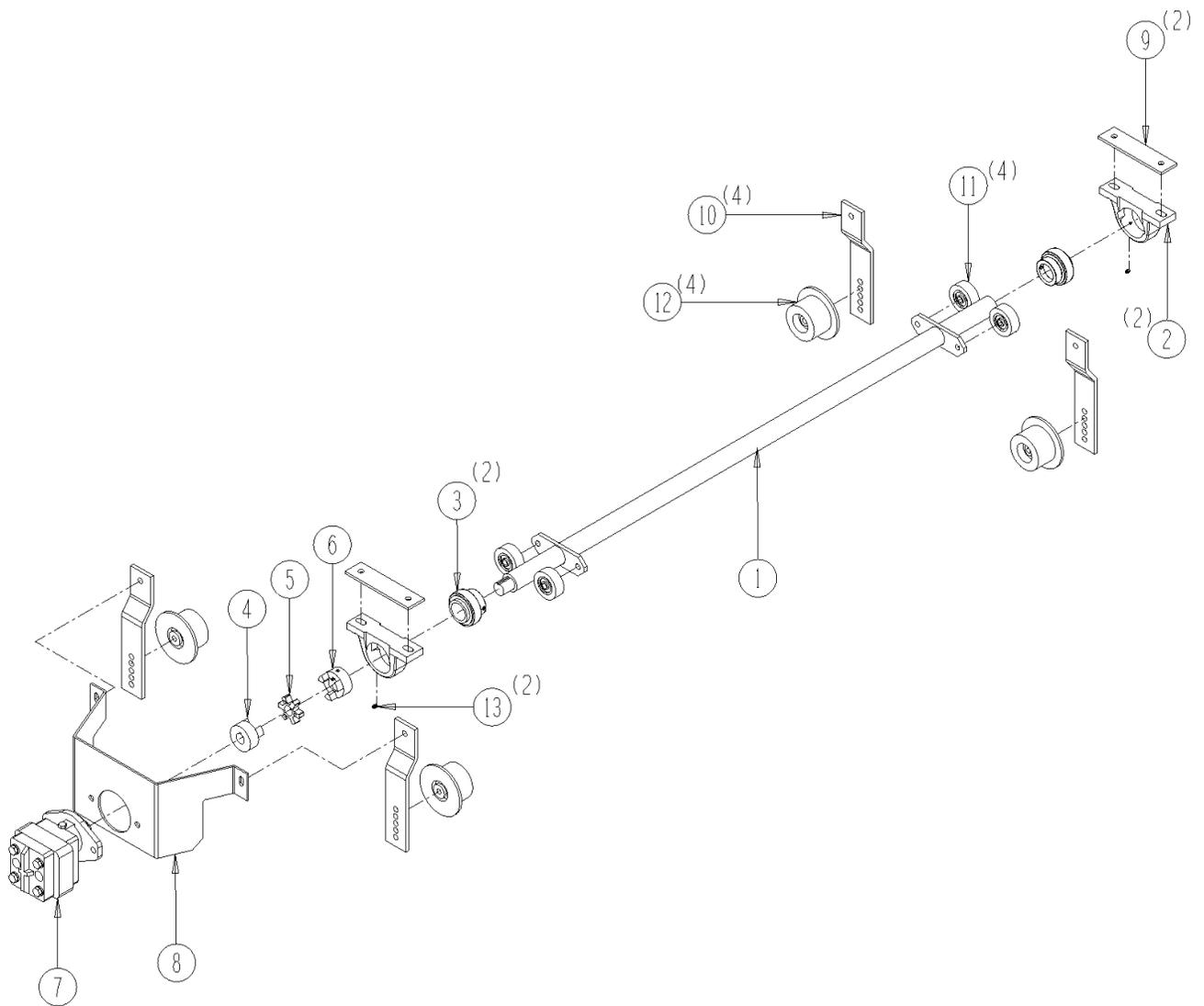
1108-5-4



1108-5-5 Optional Transfer Dirt Vibrator Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8301	Vibrator Shaft, Secondary Header, High Cap Tomato	1		
2	BR-085-RAK	Bearing Housing 85 mm	2		
3	BR-175-085	Fafnir Bearing 1 ¾ Tri Seal	2		
4	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
5	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore	1	19101	Sub 194-6053 Except on Debris Fan
6	CPJ-6055	Coupler, L100, Urethane Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
7	HM-115	Hydraulic Motor	1		
8	MOU-8402	Mount, Motor, Transfer Vibrator, HC290	1		
9	BAR-8400	Bar, Bearing Support, Transfer Vibrator, HC290	2		
10	BRA-8400	Bracket, Hold Up Rollers, HC290 Tomato	4		
11	RLT-027-108	Roller 2.75" dia. 1/2" Bore	4		2755C1X (Old Number, Single Bearing)
12	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	4		
13	GF-1428	Grease Fitting 1/4" x 28 straight	2		

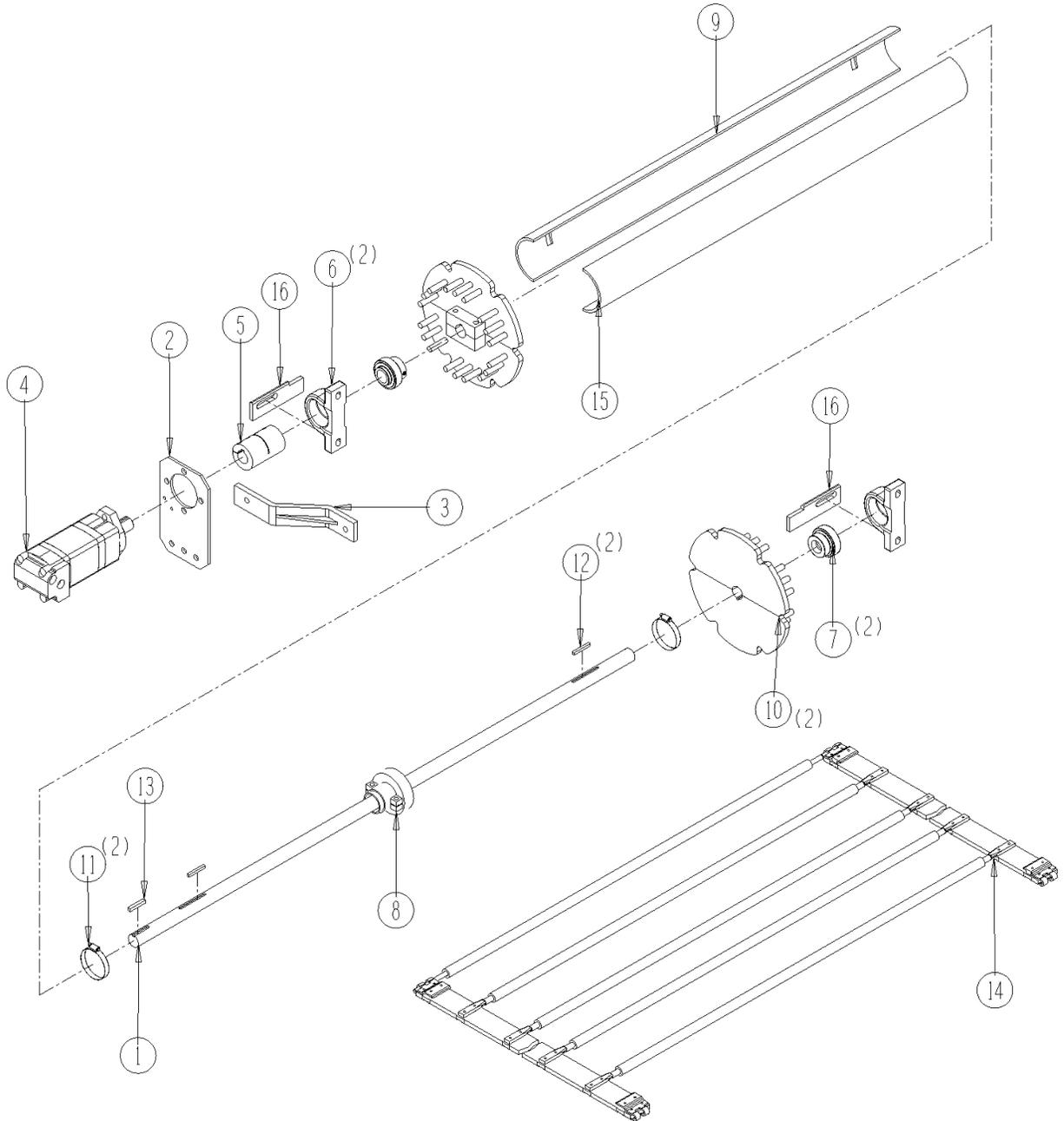
1108-5-5



1108-5-6 Vine Chain Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8401	Shaft, Vine Chain Drive Shaft, High Cap Tomato	1		
2	MOU-8451	Mount, Motor w/Torque Arm Stop, HC290	1		
3	BRA-8451	Bracket, Torque Arm, Motor Stop, HC290	1		
4	HM-500-OMS	Hydraulic Motor	1		Replaces HM-1420-TC
5	CPS-6057	Coupler, Solid, 1.25", Cucumber & Tomato	1		This Replaces CPS-6056.
6	BR-072-RAK	Bearing Housing 72 mm	2		
7	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
8	PL-1421	Urethane Hub for Shaft Cover 1 1/4" Bore	1		Replaces PL-1415
9	PL-8401	Plastic, Anti-Wrap Cover, HC290	1		
10	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
11	CL-72	5" Gear Clamp	2		
12	KEY-4-4-32	Shaft Key 1/4" x 2" Square Cut (1018)	2		
13	KEY-5-5-20	Shaft Key 5/16" sq x 1 1/4" Square Cut (1018)	1		
14	BC-8-53144-72AC	Vine Chain HC290, 1/2" Bars, 53" Wide, 72 Links, 144 mm Pitch	1		
15	PL-8402	Plastic, Vine Shaft Cover w/out Notches, HC 290	1		
16	SCR-8451	Scraper, Wiper, Vine Chain Sprockets, HC 290	2		

1108-5-6



1108-5-7 Optional Vine Chopper Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	KIT-0155	Vine Chopper for HC-290 Tomato	1		
0	SUP-2004	Support Tube Weld Plate, Vine Chopper, HC290	-1		

KIT-0155 Vine Chopper for HC-290 Tomato

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-2019	Shaft, Flail Chopper Rotor, 290	1		
2	BRA-2018	Knife Holder, Vine Chopper, 290 Harvester	1		
3	KN-142141	Knife	8		
4	MOU-2005	Hefty Right Mount, Vine Chopper, HC290 Tomato	1		
5	MOU-2006	Hefty Left Mount, Vine Chopper, HC290 Tomato	1		
6	MOU-2016	Support Mount, Chopper, 290 Harvester	1		
7	PAN-2017	Panel, Vine Chopper, Right Side, HC290	1		
8	BAR-2020	Bar, Long Flail, Vine Chopper	36		Sold in Sets of 36
9	MOU-2010	Motor Mount, Vine Chopper, 190 Tomato Machine	1		
10	PAN-2006	Panel, Left Side Housing, Vine Chopper, HC290	1		
11	PAN-2007	Panel, Right Side Housing, Vine Chopper, HC290	1		
12	BAR-2013	Bar, Inside Plate, Vine Chopper, 190 Tomato	2		
13	SHD-2017	Chopper Back Panel, 290 Harvester	1		
14	BAR-2012	Bar, End Plate, Vine Chopper, 190 Tomato	1		
15	SUP-2003	Support Tube, Vine Chopper, HC290 Tomato	1		
16	RLR-040-108	4" Flat Roller	2		Changed to Urethane in 2006
17	SHD-2009	Coupler Shield, Vine Chopper	2		
18	BR-175-085-KB	Fafnir Bearing 1 3/4" Heavy SS1	2		
19	BR-085-RAK	Bearing Housing 85 mm	2		
20	BAR-2016	Belting Bar, Vine Chopper, HC290 Tomato	2		
21	HM-122	Motor, Hydraulic, 1-3/4" Gear, #12 SAE Ports	1		
22	BT-2006	Belting, Chopper, 290 Tomato	1		
23	MOU-2011	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
24	MOU-2012	Side of Motor Mount, Vine Chopper, 190 Tomato	1		
25	SUP-2002	Motor Mount Support, Vine Chopper	1		
26	MOU-2007	Bottom Left Mount, Vine Chopper, HC290 Tomato	1		
27	MOU-2008	Bottom Right Mount, Vine Chopper, HC290 Tomato	1		

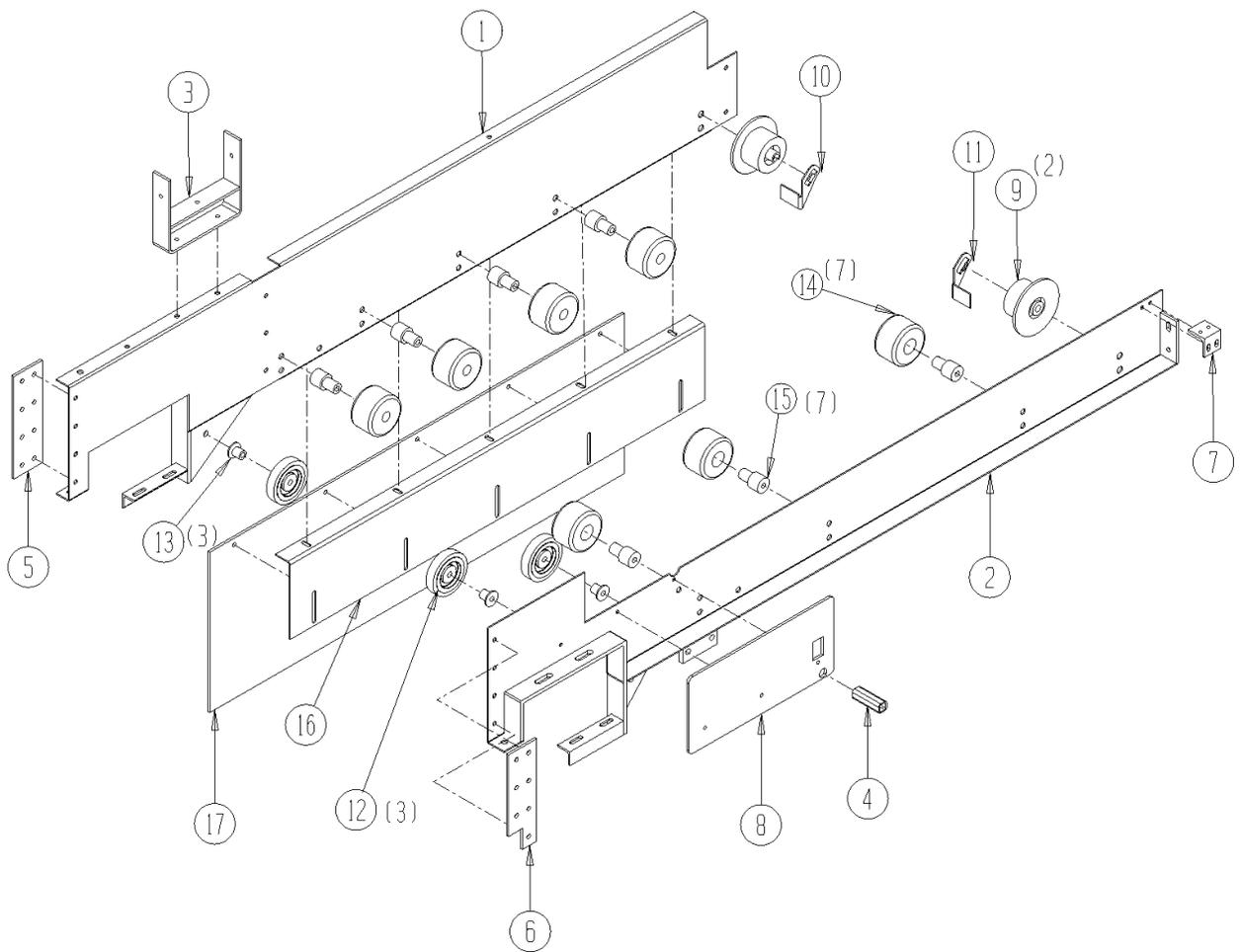
28	SUP-2004	Support Tube Weld Plate, Vine Chopper, HC290	1	
29	BAR-2017	Bottom Bar, Vine Chopper, HC290 Tomato	2	
30	MOU-2017	Chain Mount	1	
31	PAN-2018	Panel, Vine Chopper, Left Side, HC 290	1	
32	CPR-422-18	Lovejoy Donut W/ Hardware	1	
33	CPR-422C-18	Coupler, Shaker Side	1	30095001-
34	CPR-422D-18	Coupler, Shaker, Motor Side, 1" Shaft	1	30095001-
35	GF-1428	Grease Fitting 1/4" x 28 straight	2	
36	RLA-000-118	Standoff, 1/2" X 1 1/8"	2	
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	SPA-2003	Spacer, Support Tube, 290 Tomato Harvester	3	SPA-2003
48	SHD-2012	Top Sheild, 290 Vine Chopper	1	
49	SHD-8404	Shield, Access, Transfer, HC290 Tomato	1	
50	LA-1530	Medium Rubber T Latch Assembly	1	
51	MOU-2018	Chopper Shield Pivot, 290 Tomato	1	
52	MOU-2019	Shield Pivot, 290 Tomato	1	
53	SFT-2017	Pivot Shaft, 290 Tomato	1	
54	SHD-2016	Chopper Shield 290 Tomato	1	
55	BT-8401	Belting, Shield, Back, Primary Shaker, HC290	1	
55	PAN-2016	Panel, Vine Chopper, Left Side, HC290	1	
56	CH-3-3	3/16 Link Chain 3 Links	4	
56	PAN-2019	Panel, Vine Chopper, Right Side, HC290	1	
57	BAR-8403	Belting Sup, Primary/Secondary Shaker, HC290	1	
58	DC-1175	Decal, Danger, Rotating Blade Hazard	2	
59	LA-703B	T Latch Keeper	2	
60	LA-703A	Large Rubber T Latch Assembly	2	
101	BL-6-SW	3/8 SAE FW ZC	66	
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	60	
103	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	24	
104	BL-8-SW	1/2 SAE FW ZC	18	
105	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	20	
106	BL-8-200-H	1/2-13 X 2 HEX CAP G5 ZC	2	
107	BL-4-LW	1/4 SPLIT LW ZC	8	
108	BL-4-FW	1/4 USS FW ZC	42	
109	BL-4-075-H	1/4 UNC X 3/4 HH C/S BOLT GR5 ZINC	21	

111	BL-4-LN	1/4-20 HEX LN NE ZC	17
112	BL-4-100-H	1/4-20 X 1 HEX CAP G5 ZC	4
113	BL-6-075-H	3/8-16 X 3/4 HHCS G5 ZC	10
114	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	28
115	BL-8-175-H	1/2-13 X 1 3/4 HEX CAP G5 ZC	12
116	BL-8-FW	1/2 USS FW ZC	26
117	BL-8-225-H	1/2-13 X 2 1/4 HEX CAP G5 ZC	4
118	BL-8-LW	1/2 SPLIT LW ZC	4
119	BL-8-125-H	1/2-13 X 1 1/4 HEX CAP G5 ZC	4
120	BL-8-300-H	1/2-13 X 3 HEX CAP G5 ZC	2
121	BL-6-125-8	3/8-16 X 1 1/4 HH C/S GR8 ZC	12
122	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	36
123	BL-12-175-H-8	3/4-10 x 1-3/4" Grade 8 Hex Head	36
125	BL-12-LNS	3/4-10 Stover Lock Nut	36
126	RI-3-5-P	Pop Rivet 3/16 x 5/16 Domed, .375 head, ea	8
127	RI-3-5-SS	SS Pop Rivets, 5/32 x .063-.125, Buttonhead	4
601	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	1
602	A-6900-12-12	12 SAE x 3/4"FPX	2
603	A-6901-12-12	12 SAE x 3/4" FPX 90°, Forged	2
604	H12-125-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 125 in long	2
605	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	1
606	H6-PL-360	3/8"x 360" Long Casedrain Hose	1
607	A-4124-6-6	3/8 Male Pipe x 3/8 Push Loc	1
608	A-4124-8-6	3/8 Male Pipe x 1/2 Push Loc	1
609	BL-6-10125-B7	3/8-16 x 10-1/8 B7 Threaded Rod	4
610	OR-220	O-Ring, 1/8" RH & 1 5/8" OD	1
800	WT-17H	Heavy Duty Wire Tie 17.5"	10

1108-6-1 Cross Conveyor Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8500	Panel, Rear LH, Cross Conveyor, HC290 Tomato	1		
2	PAN-8502	Panel, Front LH, Cross Conveyor, HC290 Tomato	1		
3	BRA-8401	Hose Holder, Cross Conveyor, HC290 Tomato	1		
4	SPA-8101	Spacer, Rear Cross Frame, High Capacity Tomato	1		
5	BAR-8607	Elevation Panel Connector Bar, Back, HC290	1		
6	BAR-8503	Elevation Panel Connector Bar, Front, HC290	1		
7	BRA-8450	Bracket, Cross Conveyor, HC290 Tomato	1		
8	PL-8502	Plastic Shield, Panel Front, Cross Conveyor, HC290	1		
9	RLT-535-2210-SC	5" Flange Roller 2.2 WF 3.5 dia, 5/8" bore w/ Hub for Scraper	2		
10	RLA-3023-T	Straight Scraper, RH	1		
11	RLA-3024-T	Straight Scraper	1		
12	RLR-040-108	4" Flat Roller	1		Changed to Urethane in 2006
13	RLA-000-118	Standoff, 1/2" X 1 1/8"	3		
14	RLU-040-2516	Urethane Roller 4" dia x 2.5" w	7		
15	RLA-010-0108	Spindle / Standoff for Urethane Roller (heat treated)	7	19101-	
16	SHD-0145	Cross Sheild, 290 Tomato	1		
17	PL-0123	Plastic Shield, Cross, 290 Tomato	1		
18	rlt-035-228	Roller 3.5 dia x 2.2 x 1/2" bore, no flange	2		

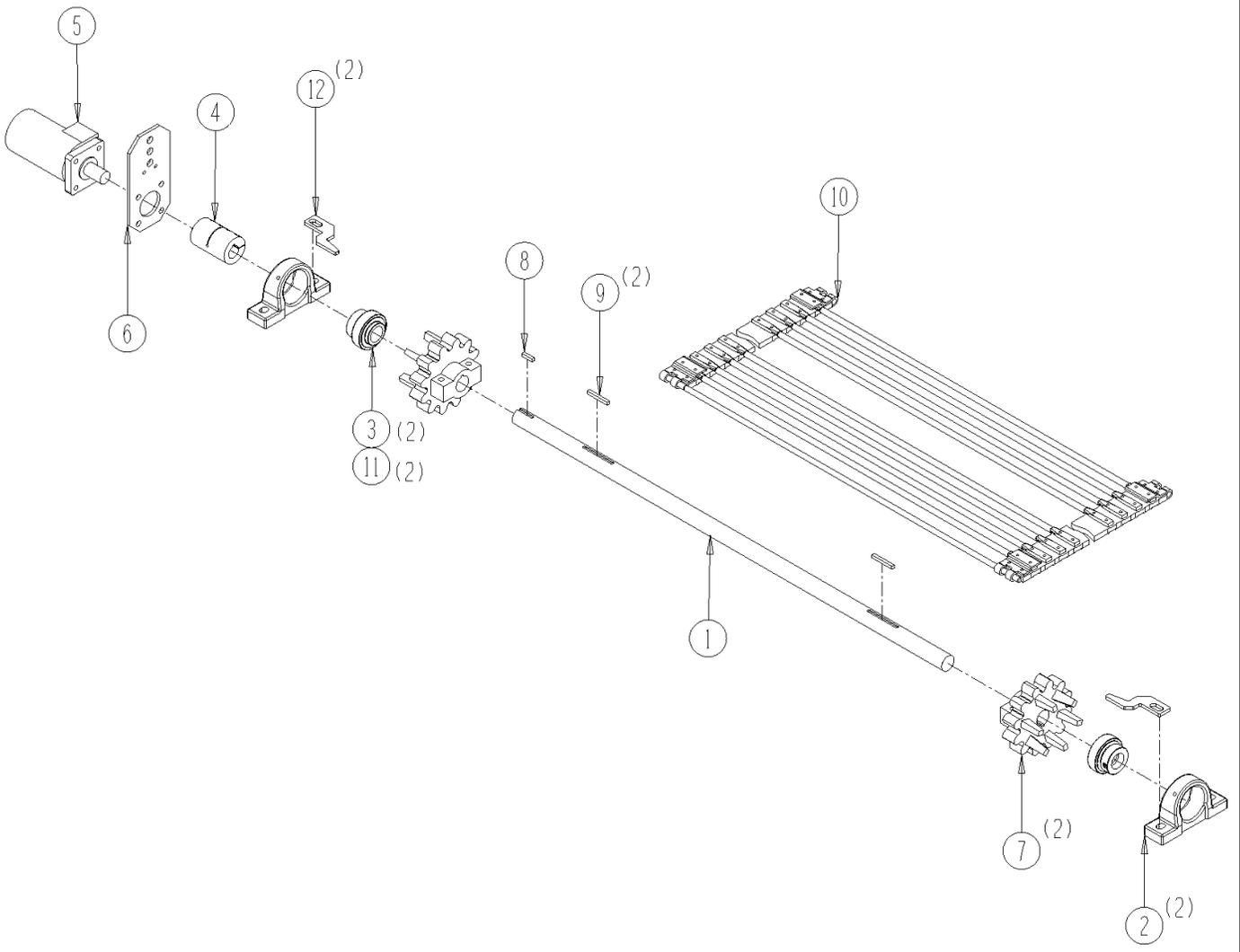
1108-6-1



1108-6-2 Cross Conveyor Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8502	Shaft, Drive, Cross Conveyor, HC290	1		
2	BR-072-RAK	Bearing Housing 72 mm	2		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
4	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-214-TC	Hydraulic Motor	1		Seal Kit # TCI-SKHPQ
6	MOU-8505	Mount, Motor, w/Torque Arm, HC290	1		
7	SPU-3612-20-4	Urethane Sprocket 36-12 1 1/4 bore 1/4" key	2		Sub SP-3612-20-4
8	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	
9	KEY-4-4-32	Shaft Key 1/4" x 2" Square Cut (1018)	2		
10	BC-7-3636-114	Belted Chain, Cross Chain, 290 Harvester	1		
11	BR-12572-LC	1 1/4" Locking Collar - Bearing Protector	2		
12	SCR-102	Scraper, For 72mm Bearings, Tomato Harvester	2		

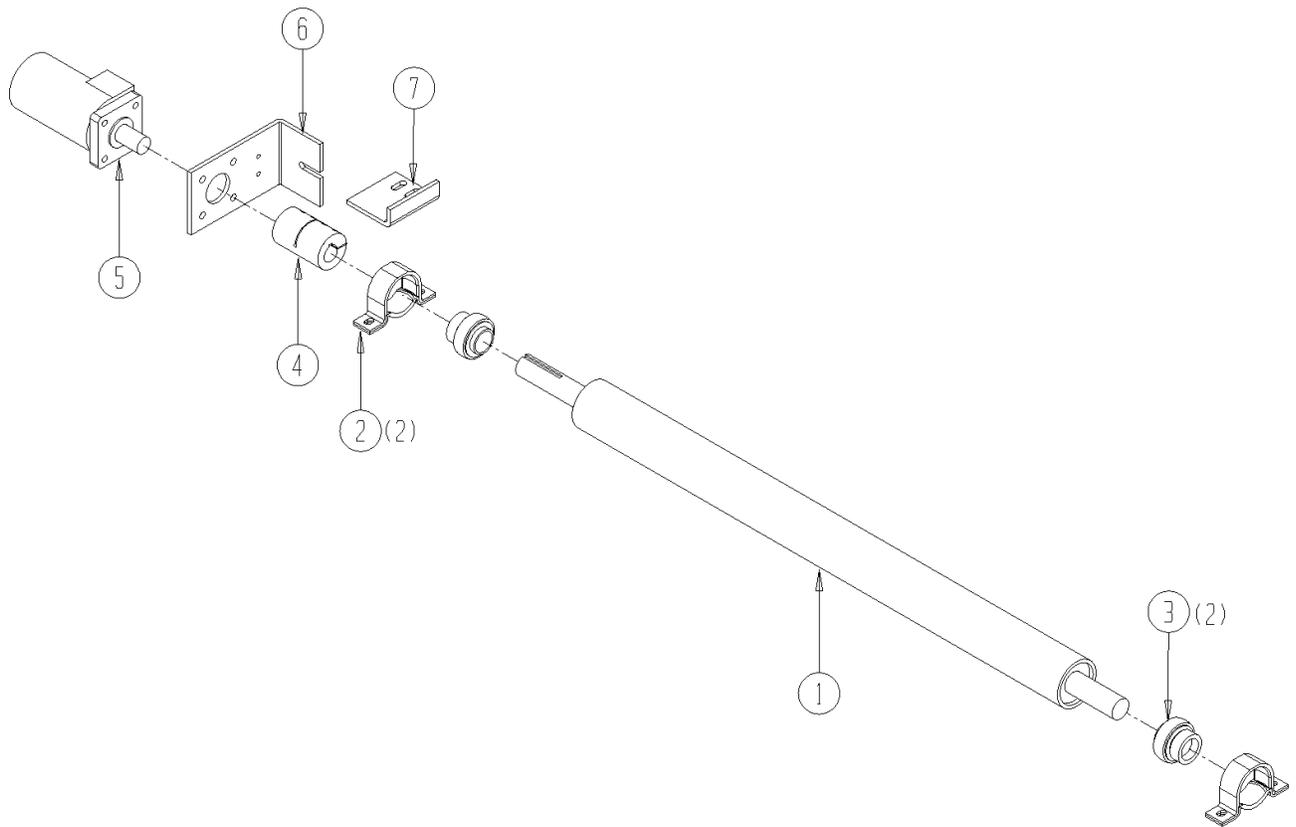
1108-6-2



1108-6-3 Cross Conveyor Return Roller Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8500	Return Roller, Cross Conveyor, HC290 Tomato	1		
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	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	Mou-8505	Mount, Motor, w/Torque Arm, HC290	1		
7	193-806A	Motor mount stop	1		
8	MOU-8509	Motor Stop, Cross Return, 290 Harvester	1		

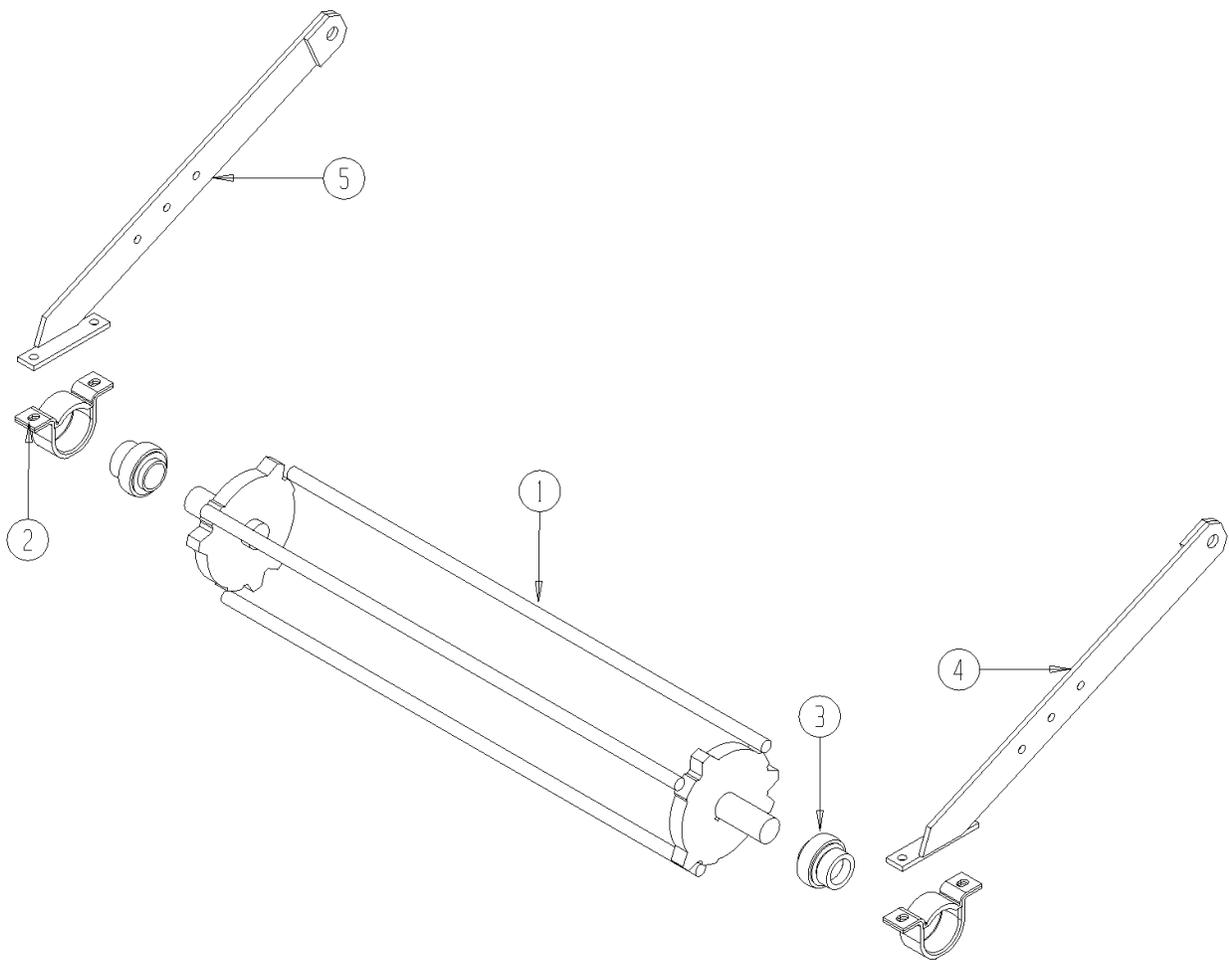
1108-6-3



1108-6-4 Cross Conveyor Bar Cleaner Assem.

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	194-361	Bar Cleaner, 36mm pitch x 36in wide chain	1	19401-	Replaces 192-361
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	192-362A	Chain cleaner bar (Left)	1	19101-	
5	192-362B	Chain cleaner bar (Right)	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 3/4 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		

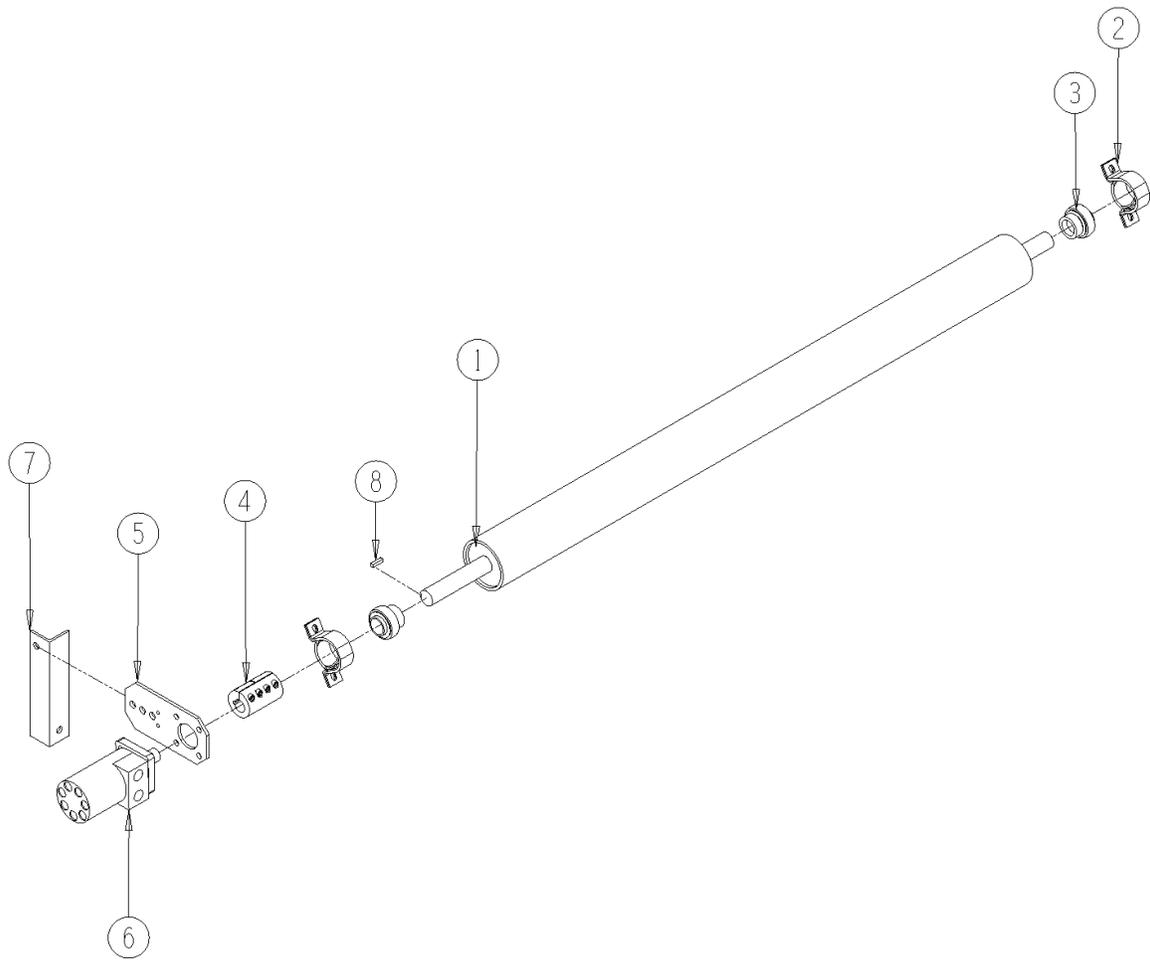
1108-6-4



1108-6-5 Cross Conveyor Cleaner Roller, Above Rear Panel

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8403	Shaft, Return Roller, Transfer Chain, HC290	1		
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	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	MOU-8505	Mount, Motor, w/Torque Arm, HC290	1		
6	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
7	MOU-8515	Mount, Motor Stop, Cross Roller 290 Tomato	1	MOU-8515	
8	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	

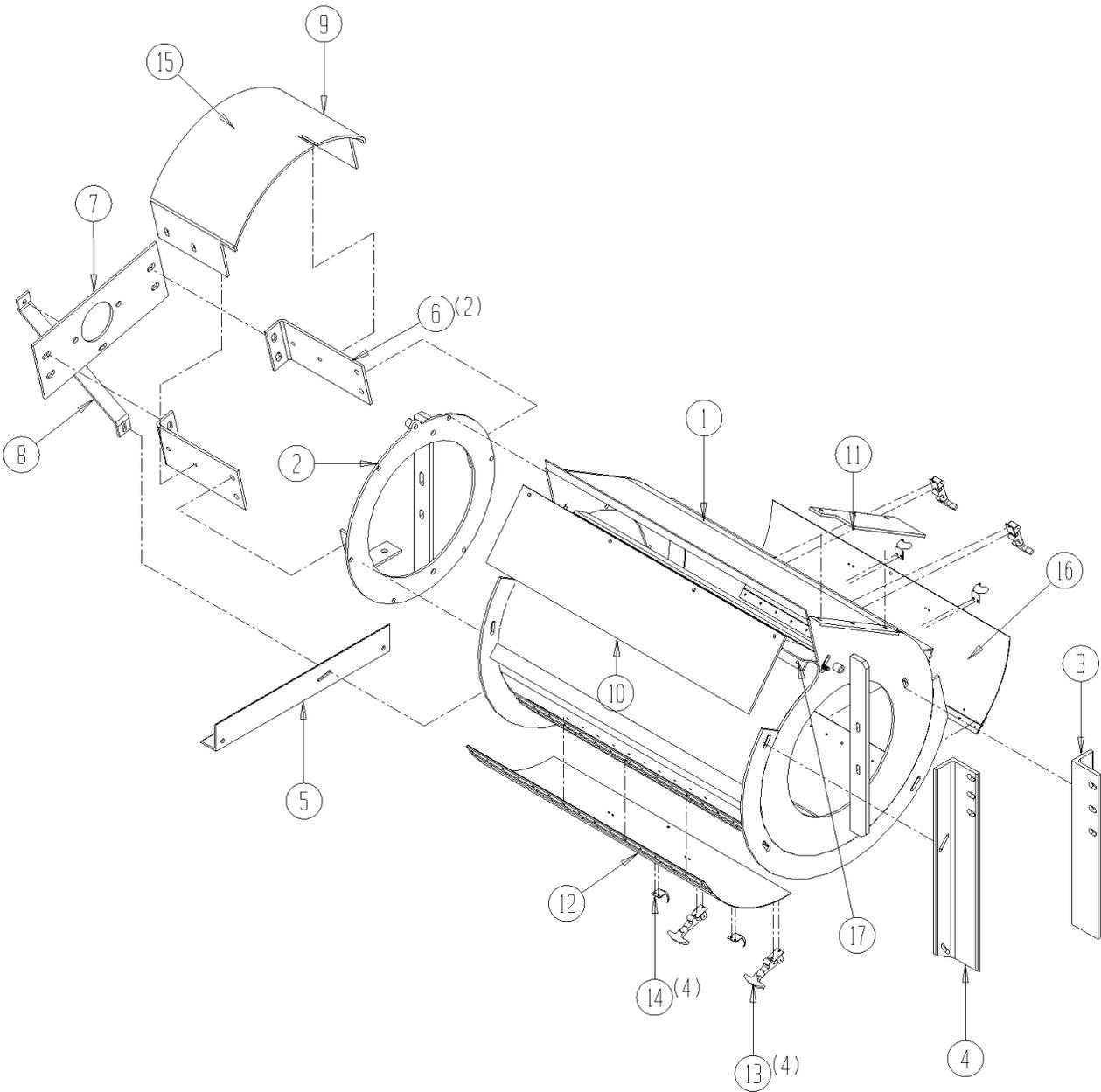
1108-6-5



1108-7-1 Debris Fan Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FAN-8507	Fan, Housing, Debris, HC 290	1		
2	FAN-8502	Bearing Mount Debris Fan, Cross Conveyor	1		
3	BRA-8100	Mount, LH, Rear Cross Frm & Debris Fan, HC290	1		
4	BRA-8101	Mount, RH, Rear Cross Frame & Debris Fan	1		
5	MOU-8500	Angle Mount, Debris Fan, HC290 Tomato	1		
6	BRA-8503	Bracket, Angle Mount, Debris Fan, HC290 Tomato	2		
7	MOU-8502	Motor Mount, Debris Fan, HC290 Tomato	1		
8	MOU-8503	Support For Mount, Debris Fan, HC290 Tomato	1		
9	PL-8504	Plastic Shield, Debris Fan Shaft, HC290 Tomato	1		
10	PL-8501	Plastic Shield, Debris Fan, HC290 Tomato	1		
11	PL-8503	Plastic Shield, Debris Fan/Cross Frame, HC290	1		
12	COV-8500	Door Fan Housing, HC290 Tomato	1		
13	LA-703A	Large Rubber T Latch Assembly	4		
14	LA-703B	T Latch Keeper	4		
15	DC-1175	Decal, Danger, Rotating Blade Hazard	1		
16	COV-8501	Second Door, Fan, HC290	1		
17	ADJ-8507	Adjuster, Diffuser Debris Fan, HC 290	1		
100	BL-1032-050	10-32 x 1/2" Bolt	40		
101	BC-1032-LN	10-32 lock nuts	40		

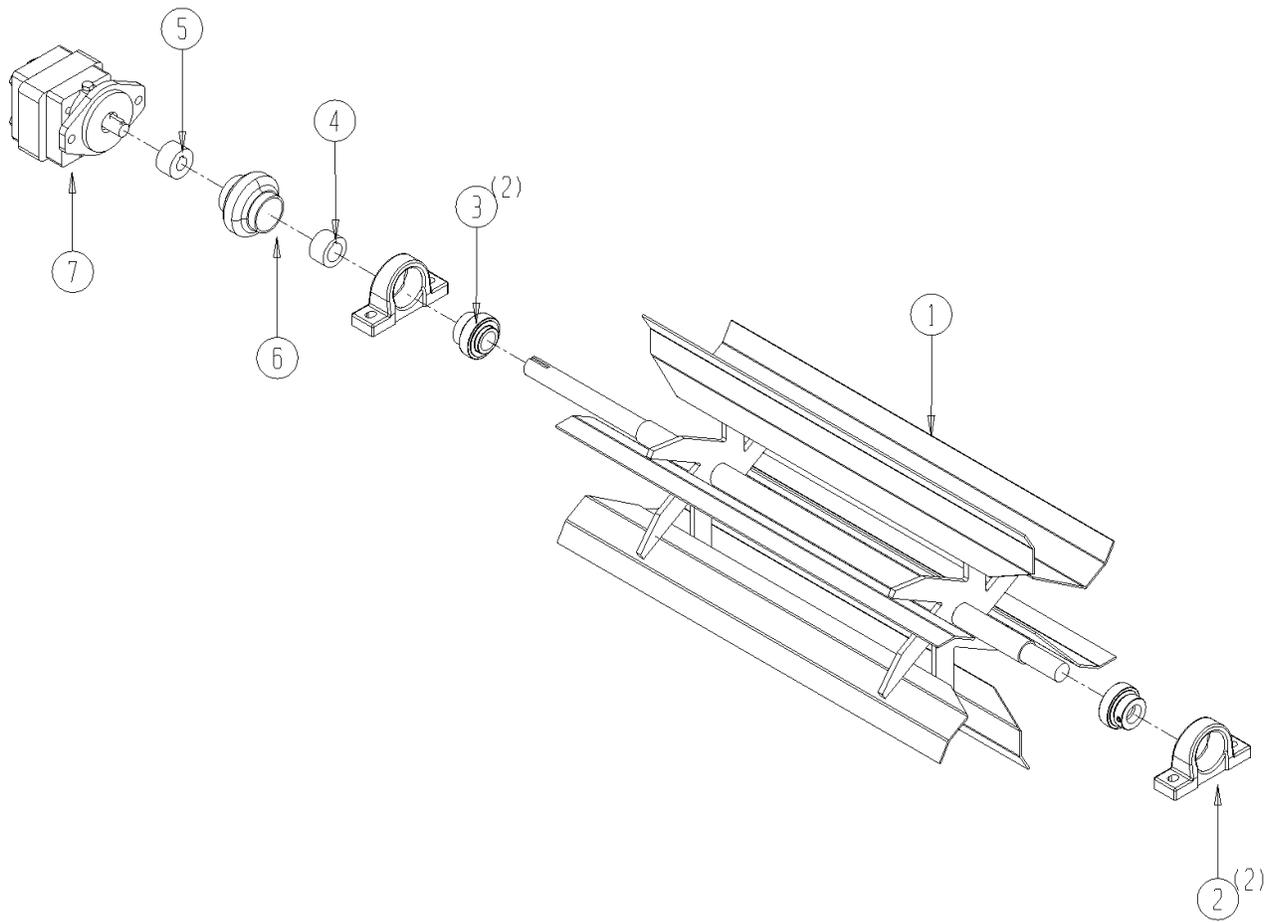
1108-7-1



1108-7-2 Debris Fan Paddle Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FAN-8501	Debris Fan High Cap. Tom	1		
2	BR-072-RAK	Bearing Housing 72 mm	2		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
4	CPR-7081A	Omega Coupler Hub 1 1/4"	1	19401	
5	CPR-7081D	Omego Coupler Hub 1" - 1/4" Keyway	1		
6	CPR-7081E	Coupler Element Only	1	19401	
7	HM-125	Hydraulic Gear Motor	1		

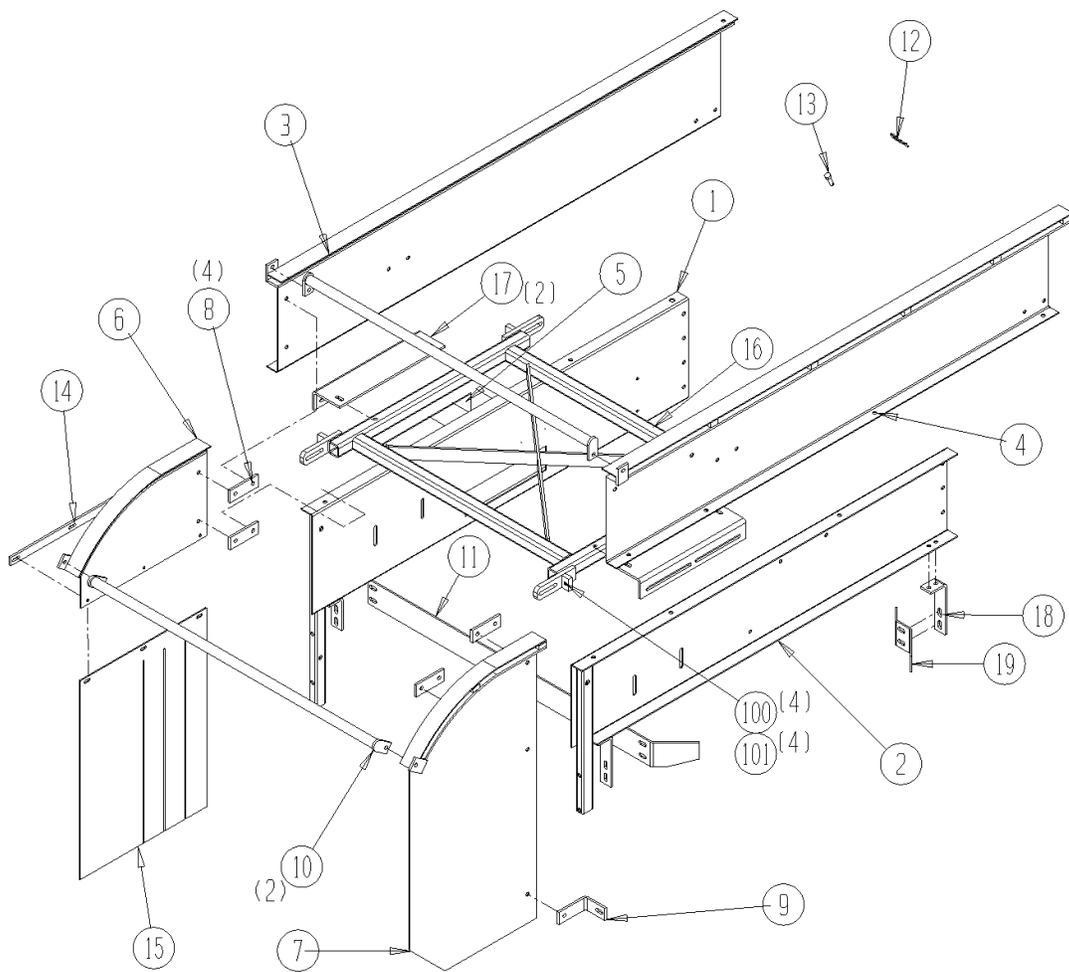
1108-7-2



1108-8-1 Debris Belt Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8504	Panel,Rear.RH, Cross Conveyor HC290	1		
2	PAN-8505	Panel,Front,RH,Cross Conveyor HC290	1		
3	PAN-8516	Panel, Top Cross Conveyor, 290 Tomato	1		
4	PAN-8520	Panel,Top Front,290 Tomato Harvester	1		
5	PL-8510	Plastic, Door, Rear Cross Panel, HC290	1		
6	PAN-8519	Outer Rear Cross Panel 290	1		
7	PAN-8518	Front Outer Cross Panel 290	1		
8	BAR-8505	Bar, Between Panels, Cross Conveyor, HC290	4		
9	BRA-8505	Bracket, Between Panel & Cross Frm, HC290	1		
10	BRA-8508	Bracket, Over Plastic Shield, Crss Conveyor, HC290	2		
11	MOU-8600	Roller Mount, Lower Elevation, HC290 Tomato	1		
12	PIN-H8	Hairpin, 1/2-5/8 Rod Dia Range	1	59701-	
13	BL-6-150-HOLE	Bolt, W/ Hole, Crss Conv, Plastic Shield, HC290	1		
14	BAR-8519	Backing Bar, Outer Debri Belt Shield 290	1		
15	BT-8519	Belting,Debri Shield,Outer Rear	1		
16	FRM-8600	Debris Belt Frame, 290 Tomato	1		
17	BRA-8607	290 Debri Belt Mount	2		
18	BAR-8770	Scaper Braket	1		
19	BAR-8771	Flat Bar	1		
100	BL-6-100-H	3/8 UNC X 1 HH C/S BOLT GR5 ZINC	4		
101	BL-6-JN	3/8 UNC FIN HEX JAM NUT A563 GrA ZINC	4		

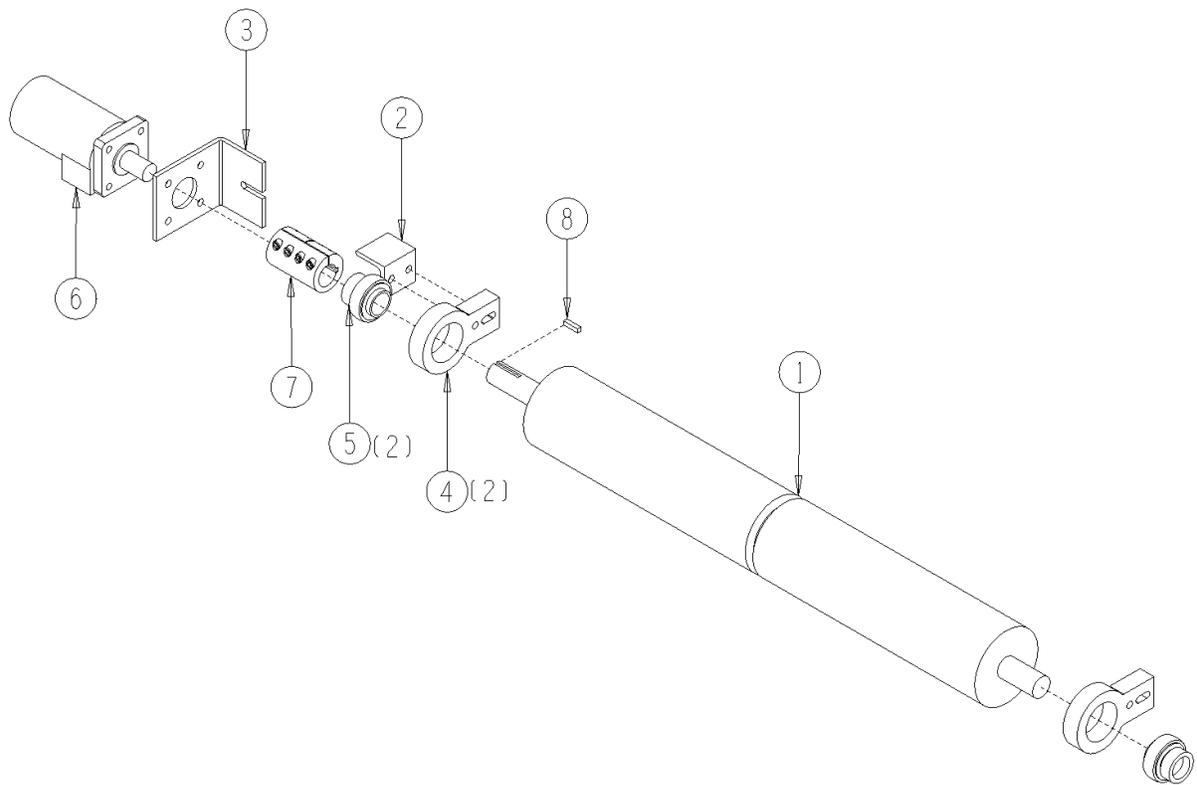
1108-8-1



1108-8-2 Debris Belt Drive Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	BT-86A36L	Debris Belt, 36" Wide x 86 1/2" Long w/A Guide, Laced	1		
1	RLR-1524	Drive Roller with "A"Guide for Aftersort (Tomato)	1		
2	STP-8600	Motor Stop Debris Belt	1		
3	MOU-8516	Motor Mount, Debris Belt 290	1		
4	BR-062-BHTD	Steel Teardrop Housing for 1 1/4" bearing	2		
5	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
6	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
7	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
8	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	

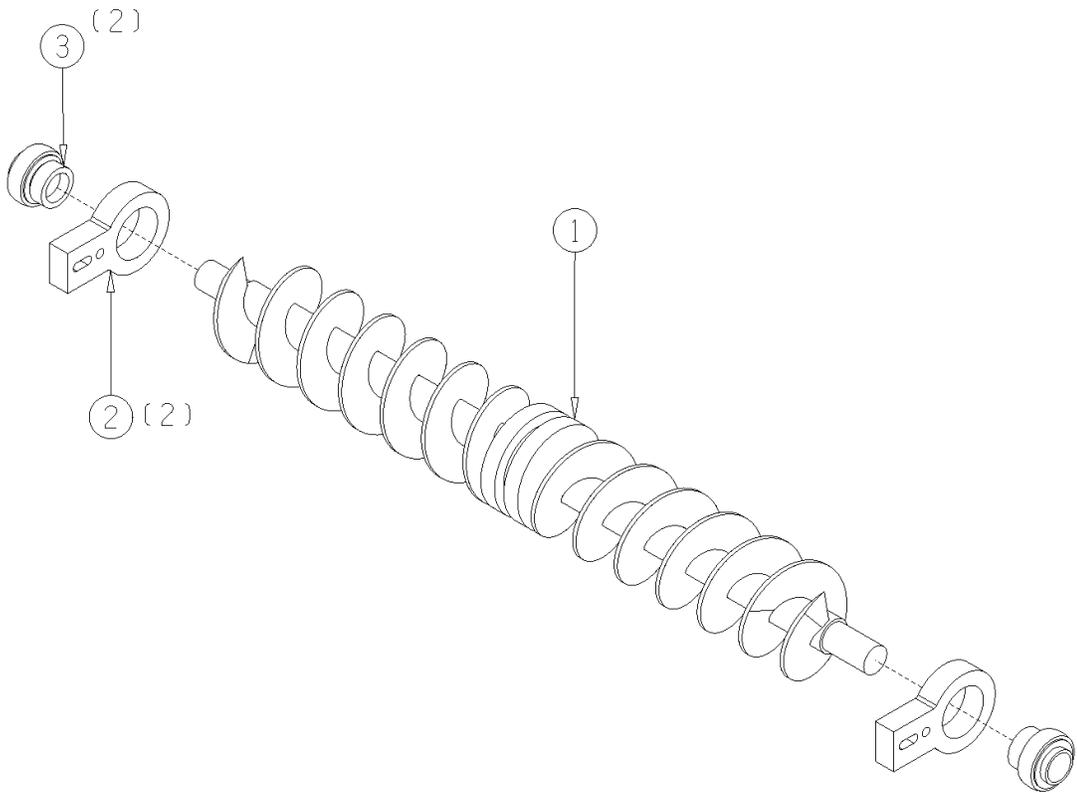
1108-8-2



1108-8-3 Debris Belt Idler Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8607	290 Debris Belt Auger Shaft Center A Guide	1		
2	BR-062-BHTD	Steel Teardrop Housing for 1 1/4" bearing	2		
3	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		

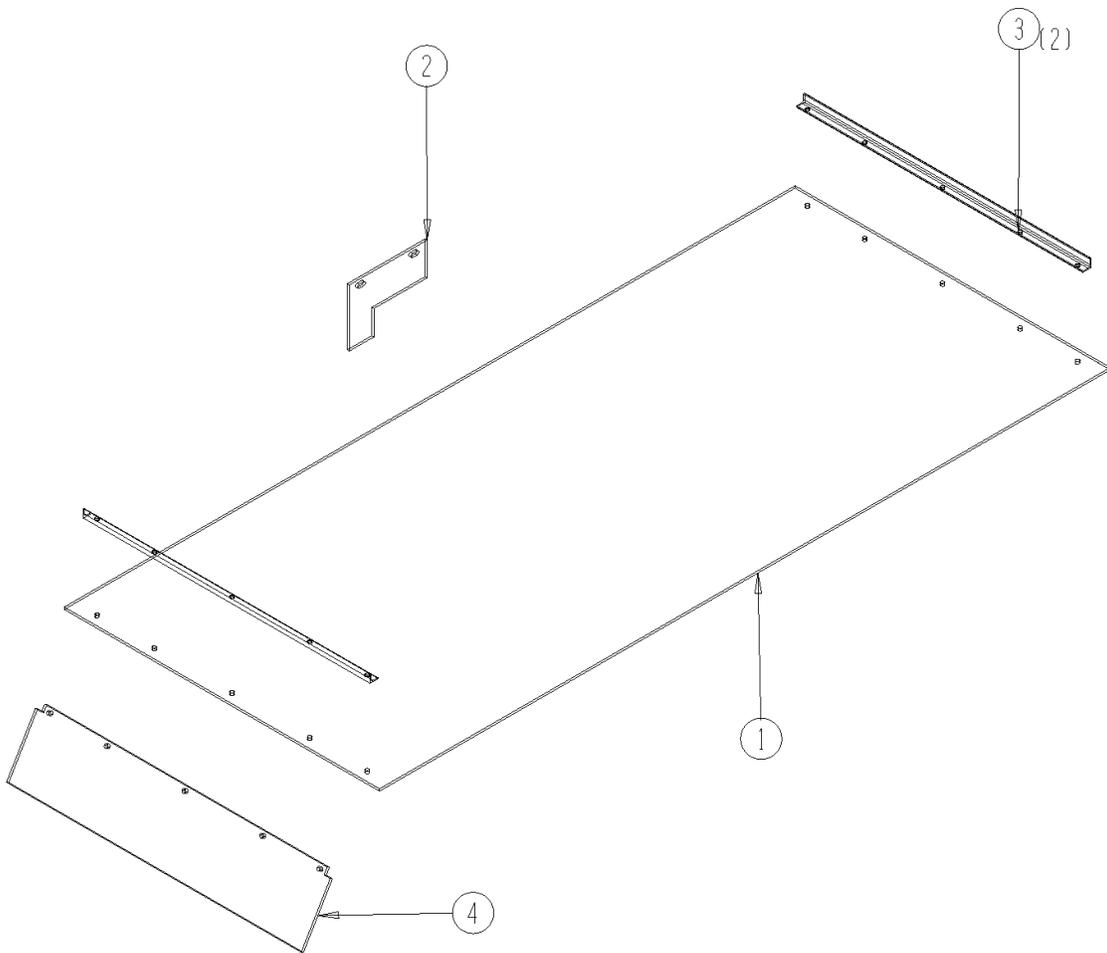
1108-8-3



1108-8-4 Debris Belt Shield Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PL-8505	Plastic, Top Shield, Debris Belt, HC290	1		
2	PL-8506	Plastic Debris Belt Shield, Cross Conveyor, HC290	1		
3	SUP-8508	Support, Cover, Debris Belt, HC290 Tomato	2		
4	BT-8500	Belting, Debris Belt Shield, Crss Conv, HC290	1		

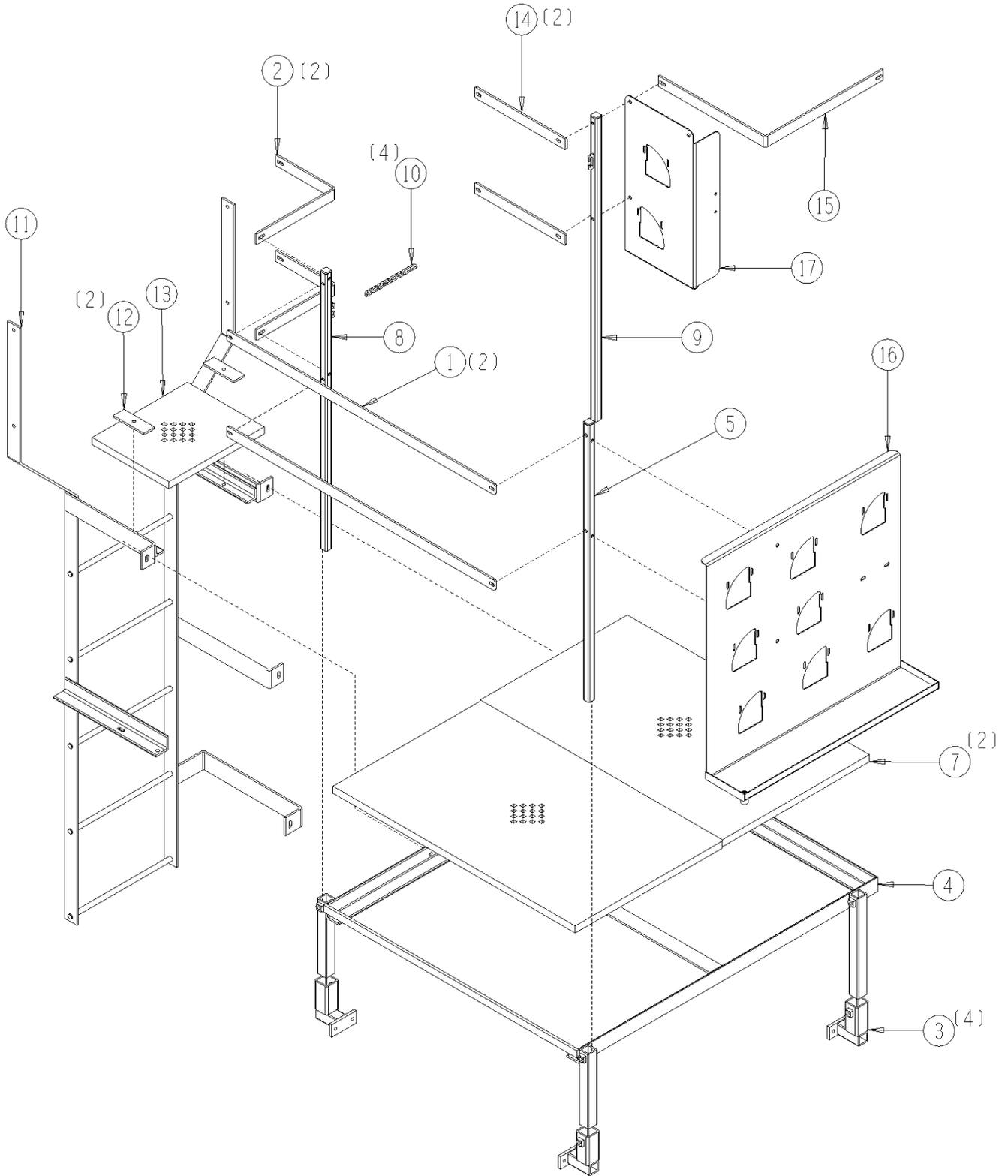
1108-8-4



1108-8-5 Decking Above Debris Belt Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BAR-8510	Hand Rail, Rear Decking, 290 Harvester	2		
2	BAR-8513	Hand Rail, Ladder to Platform, 290 Harvester	2		
3	MOU-8801	Mount, Rear Decking, 290 Tomato Harvester	4		
4	STD-8500	Decking, Tomato Machine	1		
5	STD-8501	Post	1		
7	STD-8503	Decking, Rear Decking, 290 Harvester	2		
8	STD-8504	Right Rear Post, Rear Decking, 290 Harvester	1		
9	STD-8505	Left Rear Post, Rear Decking, 290 Harvester	1		
10	CH-3-1	3/16" Proof Coil Link Chain @ ft	4		
11	STD-8401	Ladder To Platform, 290 Tomato Harvester	1		
12	BAR-3861	Bar, Decking Holder, Elevation Deck Step	2	30098001-	
13	STD-8402	Decking, Ladder To Platform, 290 Tomato	1		
14	BAR-8407	Hand Rail, Ladder, 290 Tomato	2		
15	BAR-8512	Bracket, Platform to Shaker Chamber, 290	1		
16	PAN-8202	Panel, Flow Controls, Rear Ser. Platforms, 290	1		
17	PAN-8200	Panel, L.M. Pump Flow Controls, Ser. Plat, 290	1		
18	WT-14	Wire Tie 14 1/4"	10		
100	BL-8-100-SQSS	1/2 x 1 Square Head Set Screw (USS)	8		

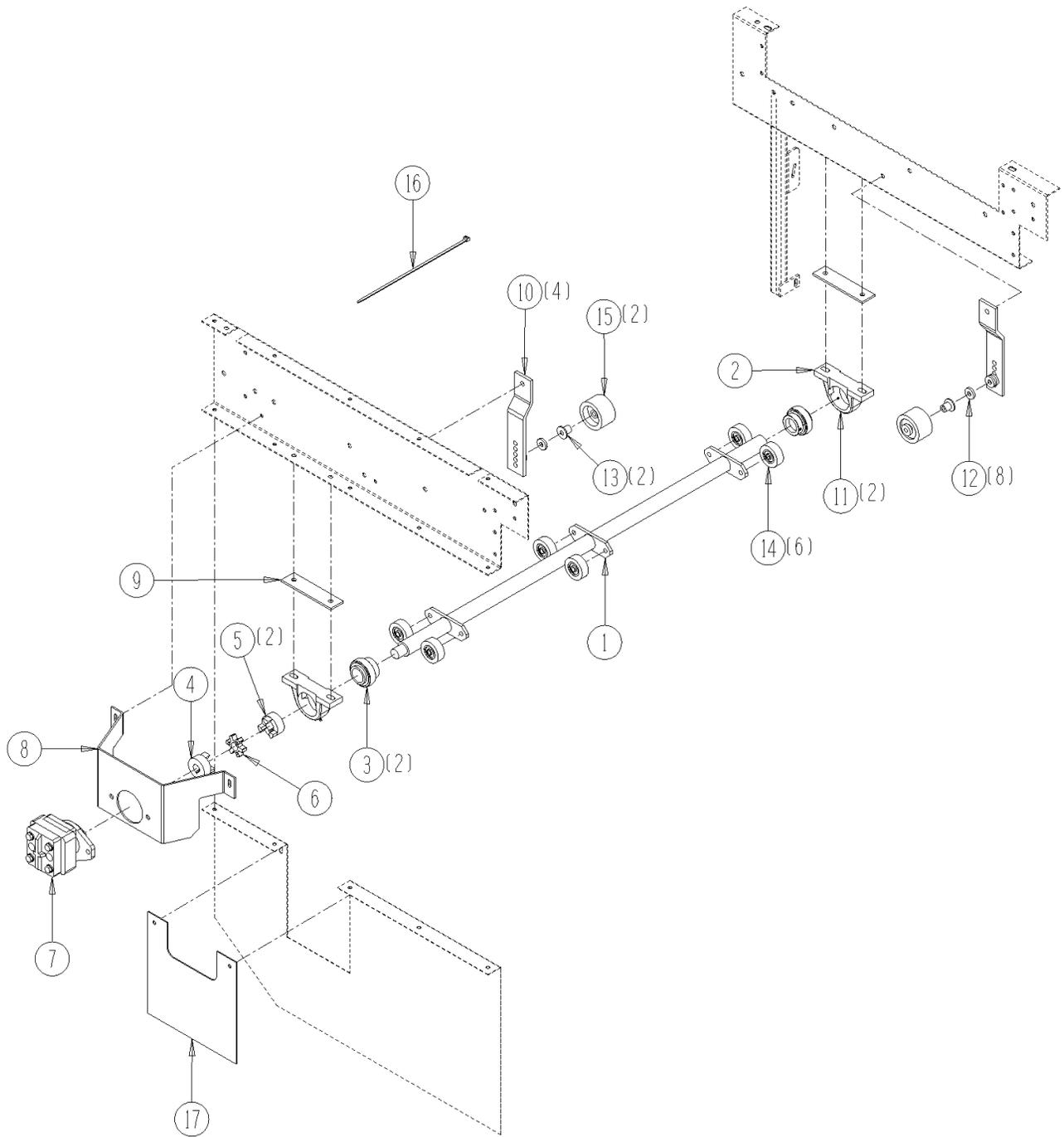
1108-8-5



1108-8-6 Optional Elevation Dirt Vibrator Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8601	Shaft, Optional Elevation Dirt Vibrator, HC290	1		
2	BR-085-RAK	Bearing Housing 85 mm	2		
3	BR-175-085	Fafnir Bearing 1 ¾ Tri Seal	2		
4	CPJ-6051	Coupler, L099, Motor Side 1in. Bore	1	19101	Sub 194-6053
5	CPJ-6052	Coupler, L100, Shaft side 1 1/4in. Bore	1	19101	Sub 194-6053 Except on Debris Fan
6	CPJ-6055	Coupler, L100, Urethene Spider	1	19101	For use with CPJ-6052 and CPJ-6051 Sub CPS-6053
7	HM-115	Hydraulic Motor	1		
8	MOU-8402	Mount, Motor, Transfer Vibrator, HC290	1		
9	BAR-8400	Bar, Bearing Support, Transfer Vibrator, HC290	2		
10	BRA-8400	Bracket, Hold Up Rollers, HC290 Tomato	4		
11	GF-1428	Grease Fitting 1/4" x 28 straight	2		
12	RLA-000-028	Washer/Spacer	8	11001-	
13	RLA-000-118	Standoff, 1/2" X 1 1/8"	2		
14	RLT-027-108	Roller 2.75" dia. 1/2" Bore	6		2755C1X (Old Number, Single Bearing)
15	RLT-035-228	Roller 3.5 dia x 2.2 x 1/2" bore, no flange	2		
16	WT-17H	Heavy Duty Wire Tie 17.5"	20		
17	BT-8607	Belting, High Cap. Tom. Vibrator Cover, Elev.	1		
600	A-1404-4-4	1/4 MP x 1/4 FPX	1		
601	A-1405-12-12	¾ NPT coupler w/swivel	1		
602	A-4124-6-6	3/8 Male Pipe x 3/8 Push Loc	1		
603	A-4129-6-4	1/4" NPT 90° w/3/8" Push-Loc	1		
604	A-6901-12-12	12 SAE x ¾" FPX 90°, Forged	2		
605	A-6901-8-6	8 SAE x 3/8" FPX90°, Forged	1	20095001-	
607	H12-125-12MP-12MP	¾ in hose ¾MP x ¾MP x 125 in long	2		
608	H6-PL	Push Loc Hose 3/8" @ ft. (Gray)	30		Standard Reel, 450'

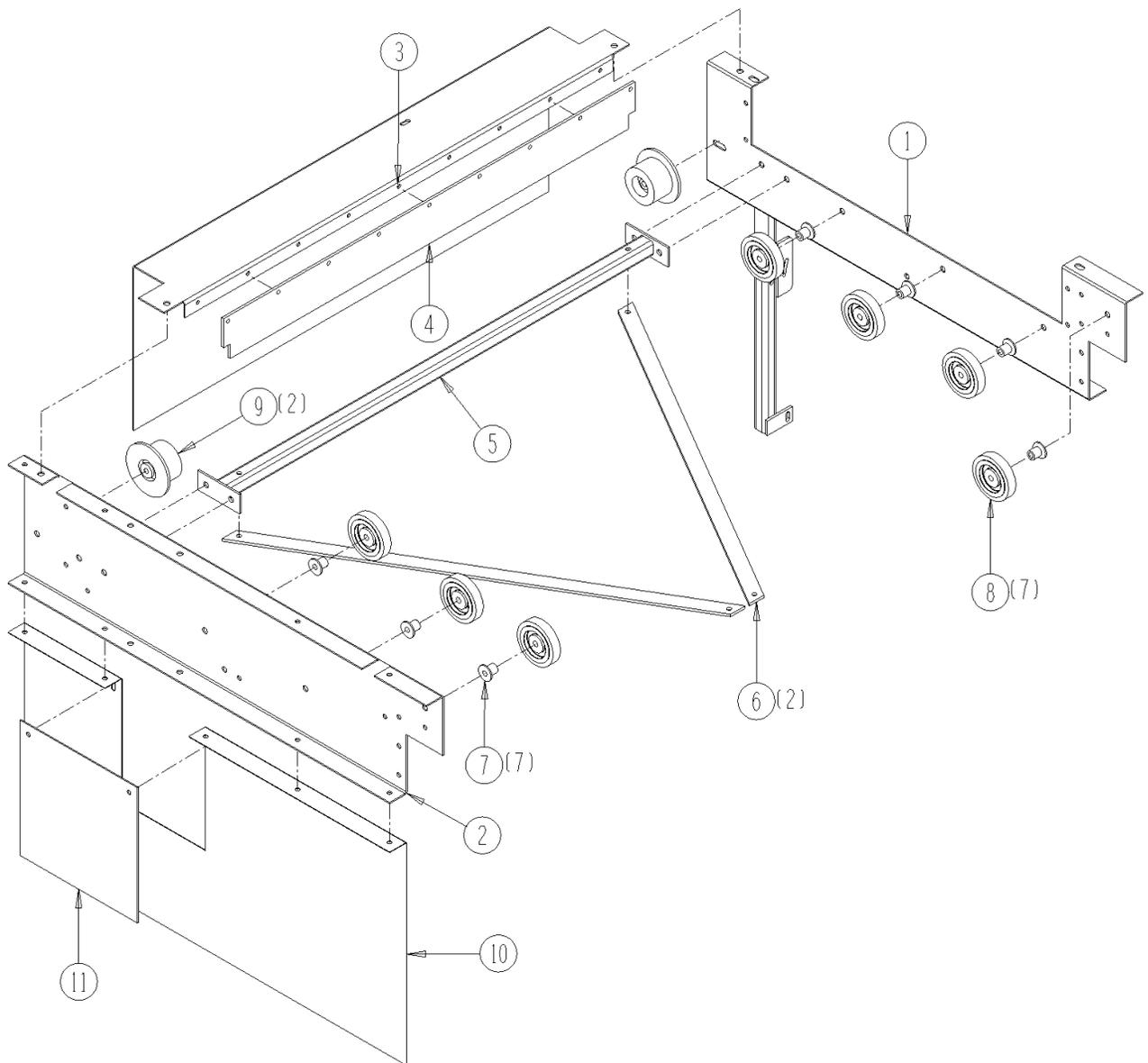
1108-8-6



1108-9-1 Lower Elevation Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8606	Panel, Lower, LH, Elevation, HC290 Tomato	1		
2	PAN-8601	Panel, Lower, RH, Elevation, HC290 Tomato	1		
3	SHD-8502	Shield, Debris Belt, Cross, 290 Harvester	1		
4	BT-8600	Belting, Shield, Lower Elevation, HC290 Tomato	1		
5	BAR-8602	Bar, Cross Elevation	1		
6	BAR-8603	Bar, Cross, Lower Elevation, HC290 Tomato	2		
7	RLA-000-118	Standoff, 1/2" X 1 1/8"	7		
8	RLR-040-108	4" Flat Roller	7		Changed to Urethane in 2006
9	RLT-635-2208	6" Flange Roller 2.2 WF 4.5 dia, 1/2" bore	2		
10	PAN-8607	Panel, Outside Elevation High Cap. Tomato	1		
11	BT-8606	Belting, high cap. Elev. Rear	1		

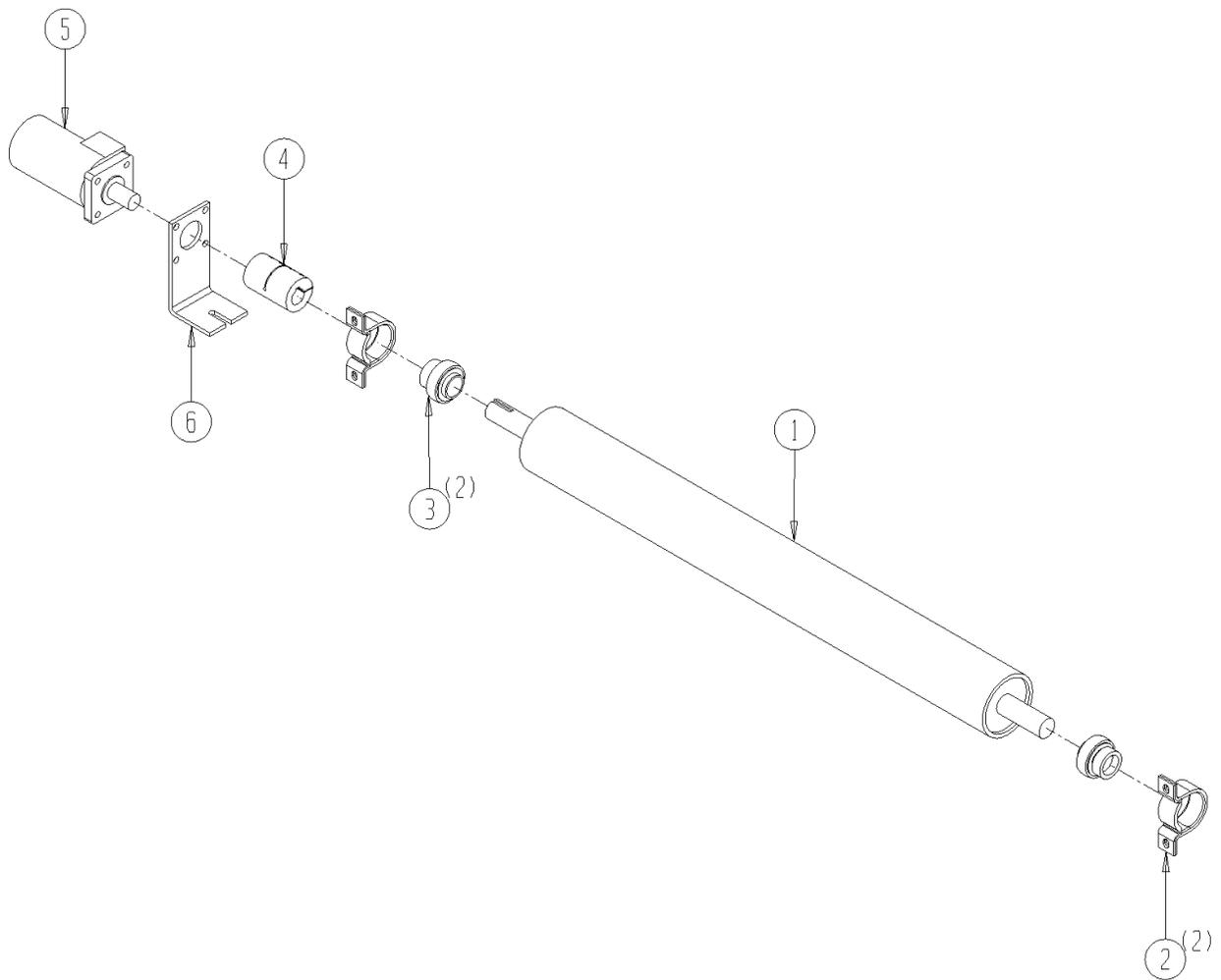
1108-9-1



1108-9-2 Lower Elevation Divider Bar Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	194-209	Transfer - Header Roller	1	19401-	
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	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	MOU-806	Motor Mount	1		

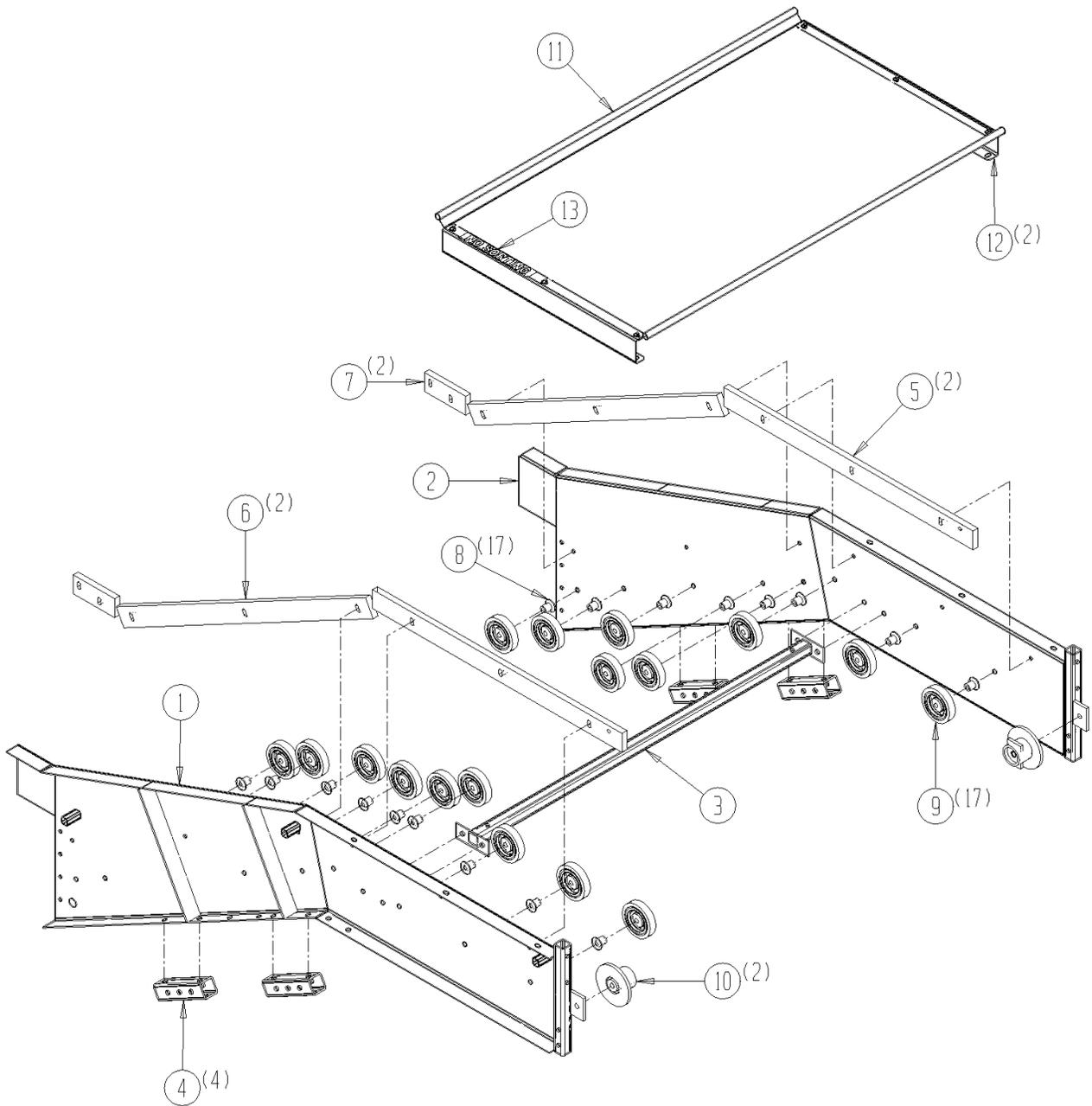
1108-9-2



1108-9-3 Elevation/Presort Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8602	Panel, Upper, RH Elevation, HC290 Tomato	1		
2	PAN-8603	Panel, Upper, LH Elevation, HC290 Tomato	1		
3	BAR-8602	Bar, Cross Elevation	1		
4	BAR-8605	Bar, Mount, Upper Elevation, HC290 Tomato	4		
5	PL-8601	Plastic, Front, Side Spacer, Elevation, HC290	2		
6	PL-8602	Plastic, Middle, Side Spacer, Elevation, HC290	2		
7	PL-8603	Plastic, Back, Side Spacer, Elevation, HC290	2		
8	RLA-000-118	Standoff, 1/2" X 1 1/8"	17		
9	RLR-040-108	4" Flat Roller	17		Changed to Urethane in 2006
10	RLS-522-2010	Steel Roller, 5" Flange, 2.2" Dia, 2" wide	2		Sub RLU-522-2010
11	SHD-8600	Shield, Cover, Elevation/Presort, HC290 Tomato	1		
12	BRA-8606	Bracket, Cover, Elevation/Presort, HC290 Tomato	2		
13	DC-0039	Decal "No Sorting" 1.5 x 10.50	1		

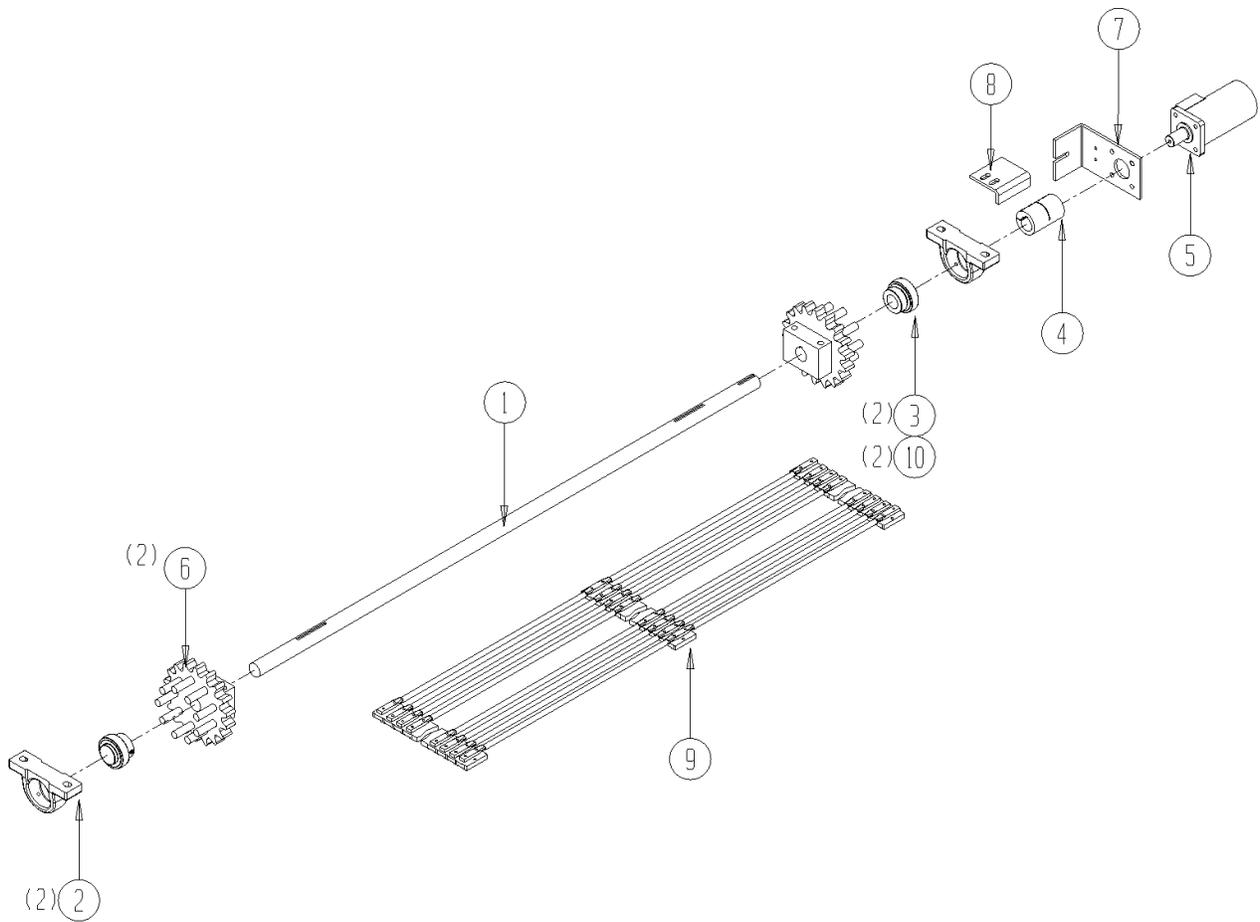
1108-9-3



1108-9-4 Elevation Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8600	Drive Shaft, Elevation, High Cap Tomato	1		
2	BR-072-RAK	Bearing Housing 72 mm	2		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
4	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	SP-2818-20-4H	28-18 Steel Sprocket 1 1/4" bore 1/4" key, heat treated	2		Replaces SP-2818-20-4H
7	193-806	Mount motor	1		
8	193-806A	Motor mount stop	1		
9	BC-7-5028-265	Presort Chain, High Capacity Tomato Model 290	1		
10	BR-12572-LC	1 1/4" Locking Collar - Bearing Protector	2		

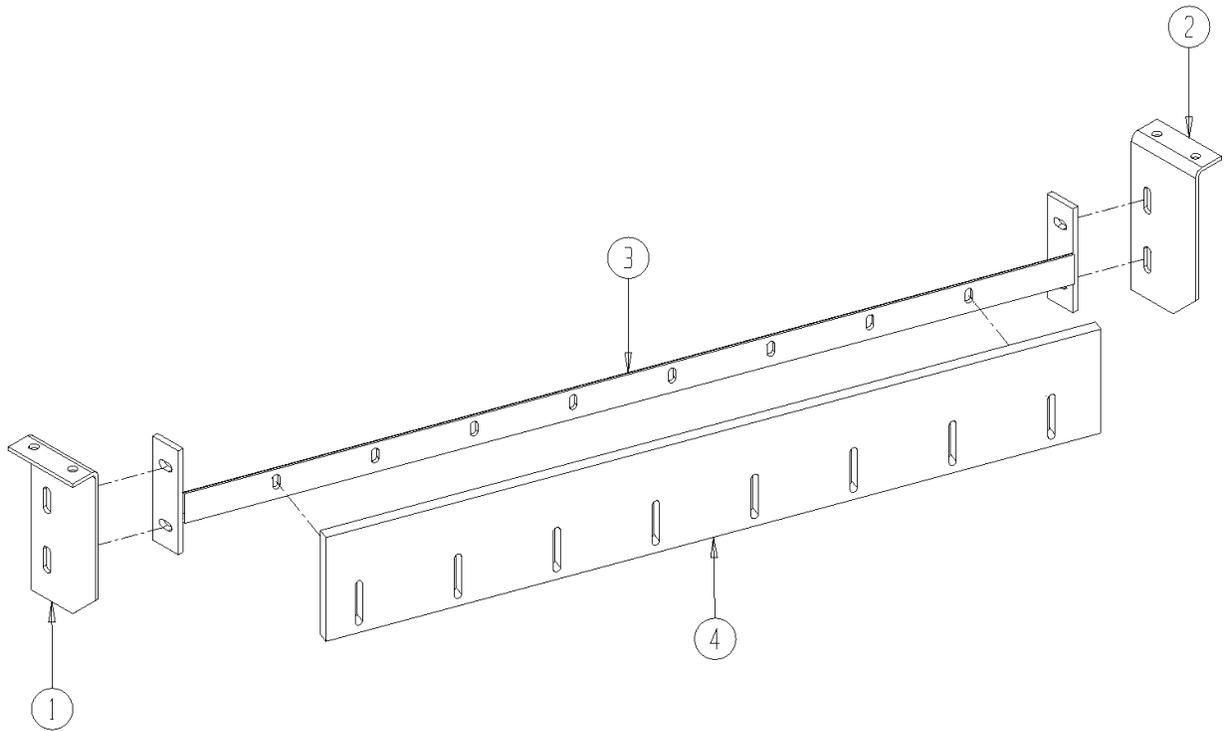
1108-9-4



1108-9-5 Elevation Chain Cleaner Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	BRA-8600	Bracket, RH Scraper Mount, Elevation, HC290	1		
2	BRA-8601	Bracket, LH Scraper Mount, Elevation, HC290	1		
3	BRA-8602	Bracket, Scraper, Elevation, HC290 Tomato	1		
4	PL-8604	Plastic, Chain Scraper, Elevation Chain, HC290	1		

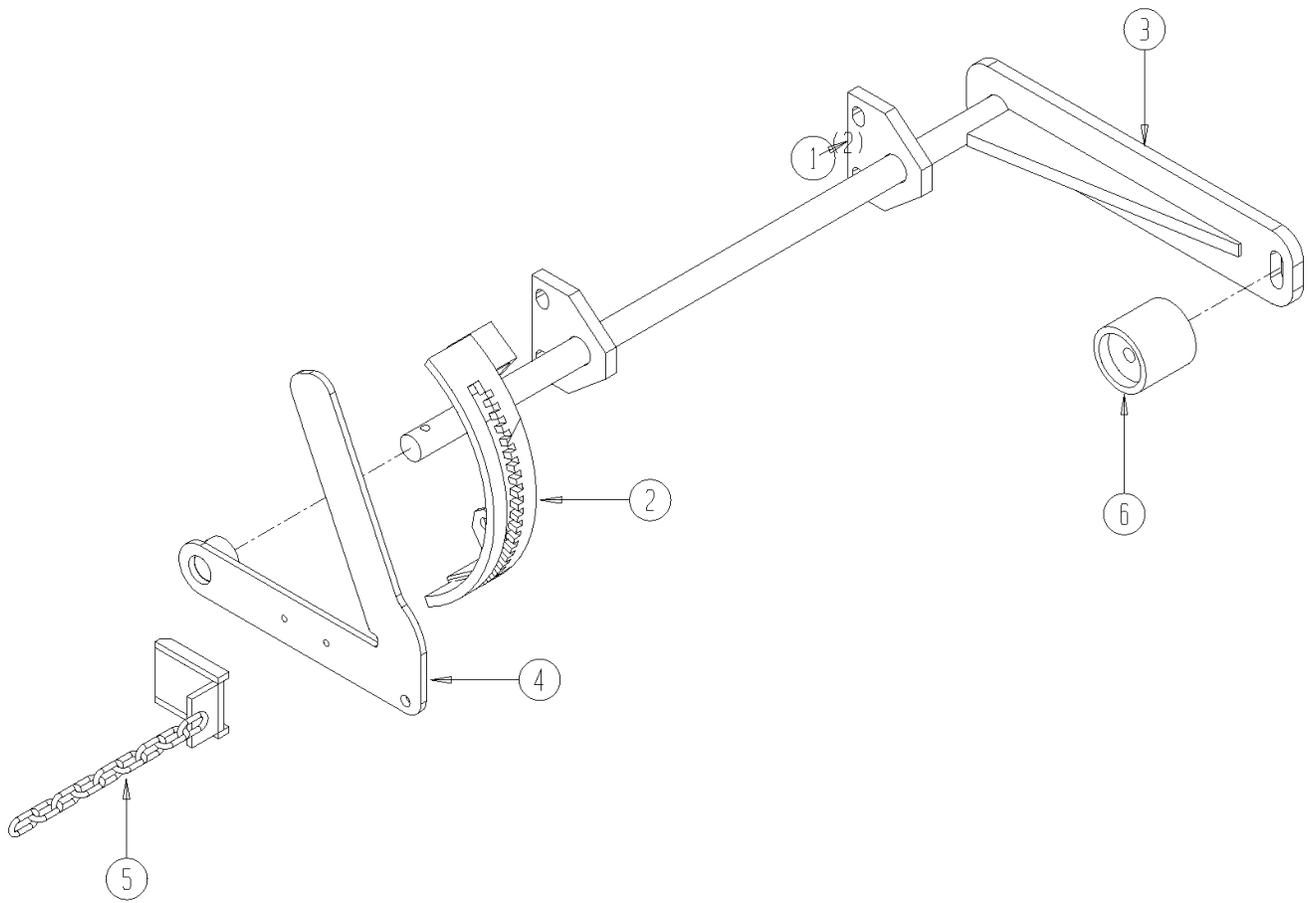
1108-9-5



1108-9-6 Elevation Rod Jumper Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-8101	Mount, Rod Jumper, Rear Crss Frm, HC290	2		
2	ADJ-3330	Adjuster, Angle, Stop Holder, Hedg Hog, Cuc	1	30098001- HH-3300	
3	ADJ-8600	Adjuster, Rod Jumper, Crss Frm/Elevation, HC290	1		
4	ARM-0159	Arm, Bouncer Handle, Presort Kit, HC 290	1		
5	STP-3330	Bracket, Stop Holder, Hedge Hog	1	30098001- HH-3300	
6	RLS-022-228	Steel Roller, 2.2" Dia, 2" wide, 1/2" Bore	1		

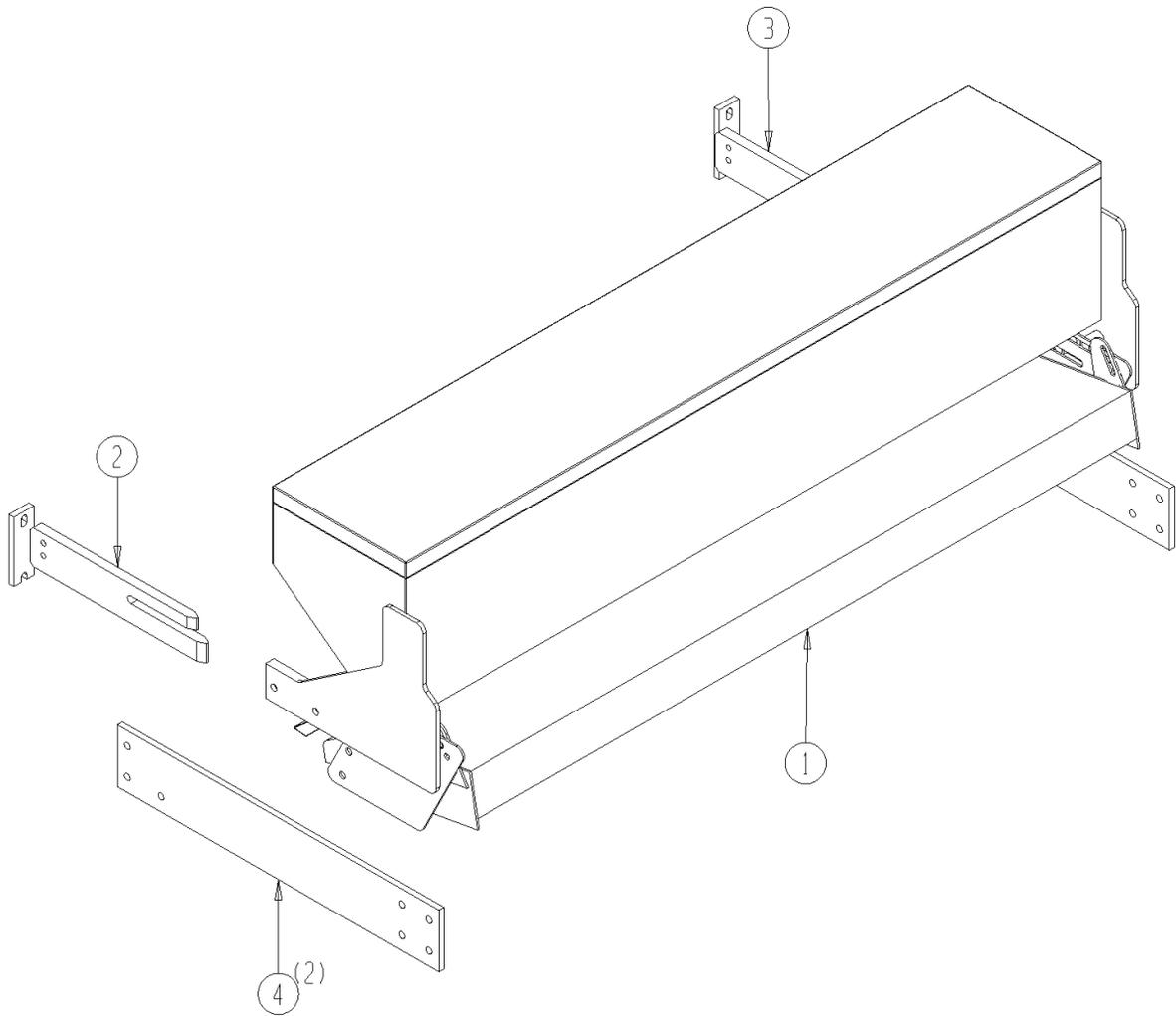
1108-9-6



1108-9-7 Color Sorter Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SRT-1548	48" Odenberg GradeMaster Color Sorter	1		
2	BRA-8750	Bracket, Color Sorter, HC290 Tomato	1		
3	BRA-8751	Bracket, Mount LH, Color Sorter, HC290 Tomato	1		
4	BAR-8601	Bar, Elevation, Color Sorter, HC290 Tomato	2		

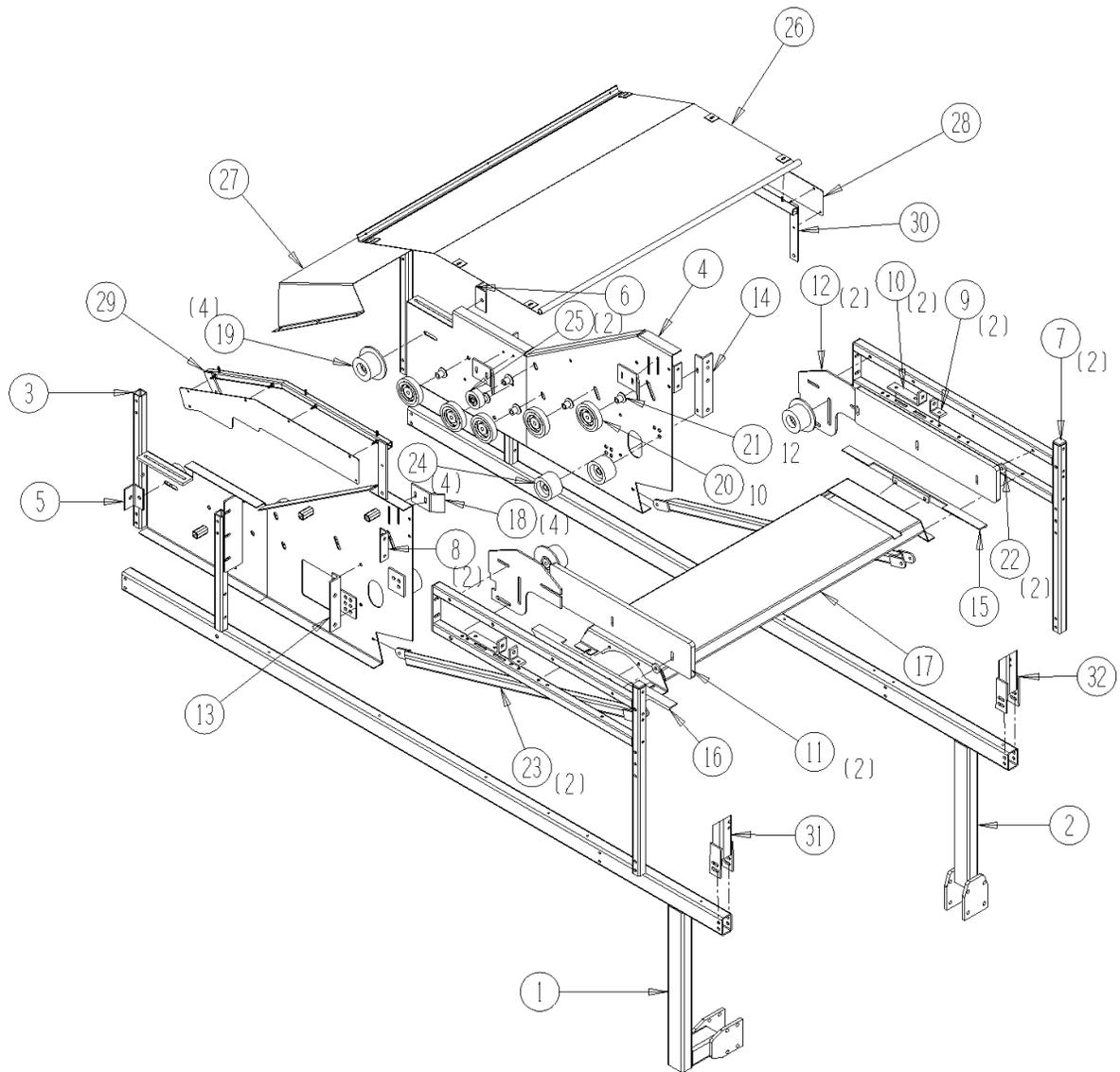
1108-9-7



1108-9-8 Optional 2nd Sorter Elevation/Presort Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	SHD-8602	Shield,Outer Elevation 290 Harvester	1		
1	MOU-8751	Mount, LH, 2nd Elevation/Aftersort, HC290	1		
2	MOU-8752	Mount, RH, 2nd Elevation/Aftersort, HC290	1		
3	PAN-8608	2nd Elevation Panel, HC290 Tomato	1		
4	PAN-8609	2nd Elevation, LH Side, HC290 Tomato	1		
5	BRA-8753	Bracket, Adjuster RH, 2nd Elevation, HC290	1		
6	BRA-8754	Bracket, Adjuster LH, 2nd Elevation, HC290	1	BRA-8754	
7	FRM-8601	Frame, Secondary Presort, HC290 Harvester	2		
8	BRA-8758	Bracket, Table Support, Presort Kit, HC290	2		
9	BRA-1528	Bracket, Tightener	2	19705 19801-	
10	192-1528	Bearing Adjuster	2	19201-	
11	PL-2000	Plastic, Presort, Chili Machine	2		
12	MOU-1130	Mount, Roller, Front Elevation	2	19705	
13	MOU-8754	Mount, RH, Presort Kit, HC290 Tomato	1		
14	MOU-8753	Mount, LH, Presort Kit, HC290 Tomato	1		
15	EX-1520A	extension, Slider, Outer	1	19601-	
16	EX-1520B	extension, Slider, Inner	1	19601-	
17	PAN-8750	Panel, Slider Table, Presort Kit, HC290 Tomato	1		
18	SHD-1899	Shield, Push Offs, 1" Wide Rollers	4		
19	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	4		
20	RLR-040-108	4" Flat Roller	10		Changed to Urethane in 2006
21	RLA-000-118	Standoff, 1/2" X 1 1/8"	12		
22	RLA-000-028	Washer/Spacer	2	11001-	
23	SUP-8756	Support, Elevation, Presort Kit, HC290 Tomato	2		
24	RLT-035-2210	Roller 3.5 dia x 2.2 x 5/8" bore, no flange	4	194-161K	
25	RLT-027-108	Roller 2.75" dia. 1/2" Bore	2		2755C1X (Old Number, Single Bearing)
26	COV-8765	Cover, Top, Elevation / Presort, HC 290	1		
27	SHD-8601	Shield, Seconad Elevation, HC290	1		
28	SID-8600	Side Shield, HC290	2		
29	SUP-8600	Support, Shield Side Mount, 290 Tomato	1		
30	SUP-8601	Support, Shield Side Mount, 290 Tomato	1		
31	MOU-8755	Outside Aftersort Support, 2nd Sorter, 290 Tomato	1		
32	MOU-8756	Inside Table Support, Aftersort Table, 290 Tomato	1		

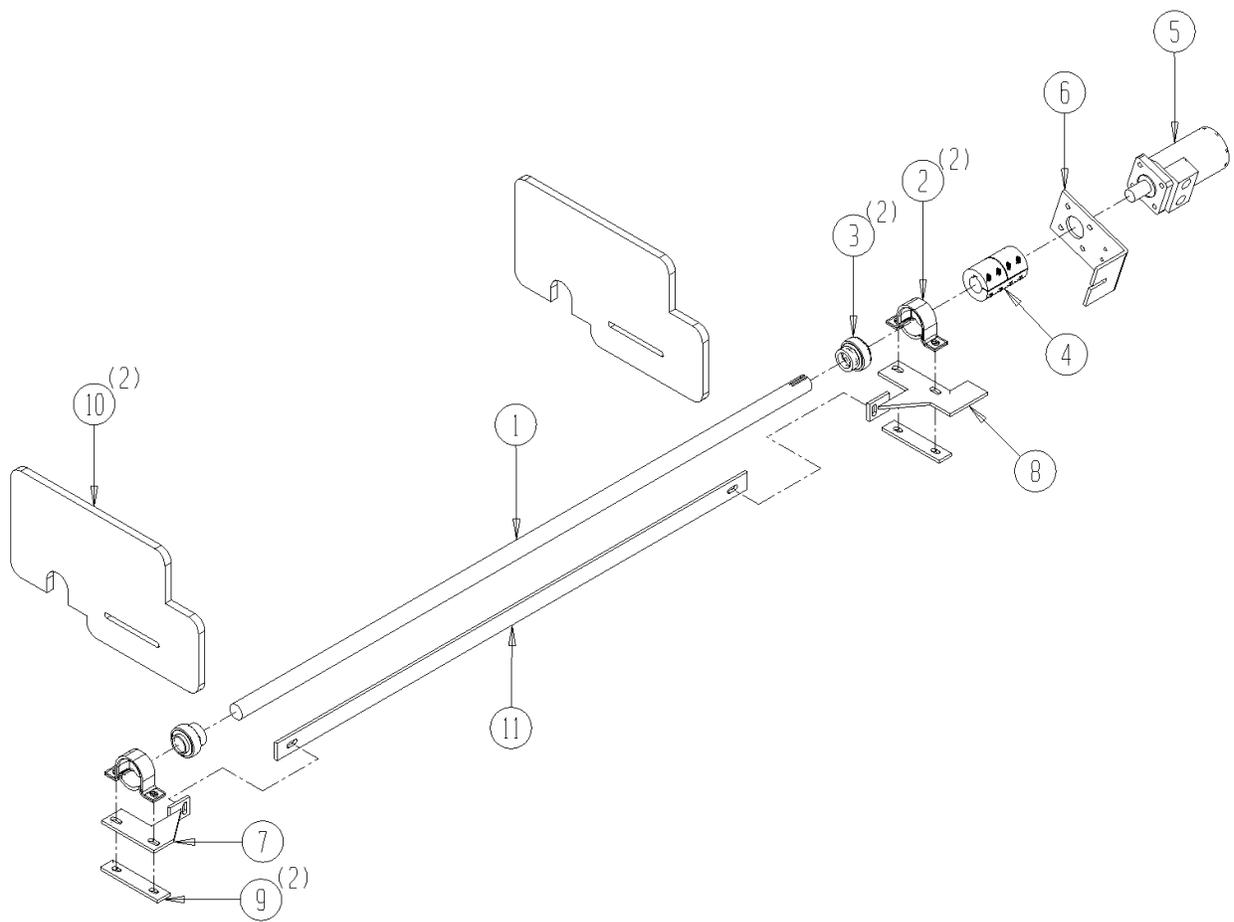
1108-9-8



1108-9-9 Optional 2nd Sorter Divider Bar Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8751	Divider Roller Assy, Double Sorter, HC290	1		
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	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	193-806	Mount motor	1		
7	BAR-8762	Bar, Dividr Rollr Assy, RH, 2nd Aftersort, HC290	1		
8	BAR-8763	Bar, Dividr Rollr Assy, LH, 2nd Aftersort, HC290	1		
9	192-805	Bracket, Outer Transfer Drive	2	19201-	
10	PL-8754	Plastic Shield, 2nd Aftersort, HC290	2		
11	BAR-8764	Scraper, Divider Bar Assy, 2nd Aftersort, HC290	1		

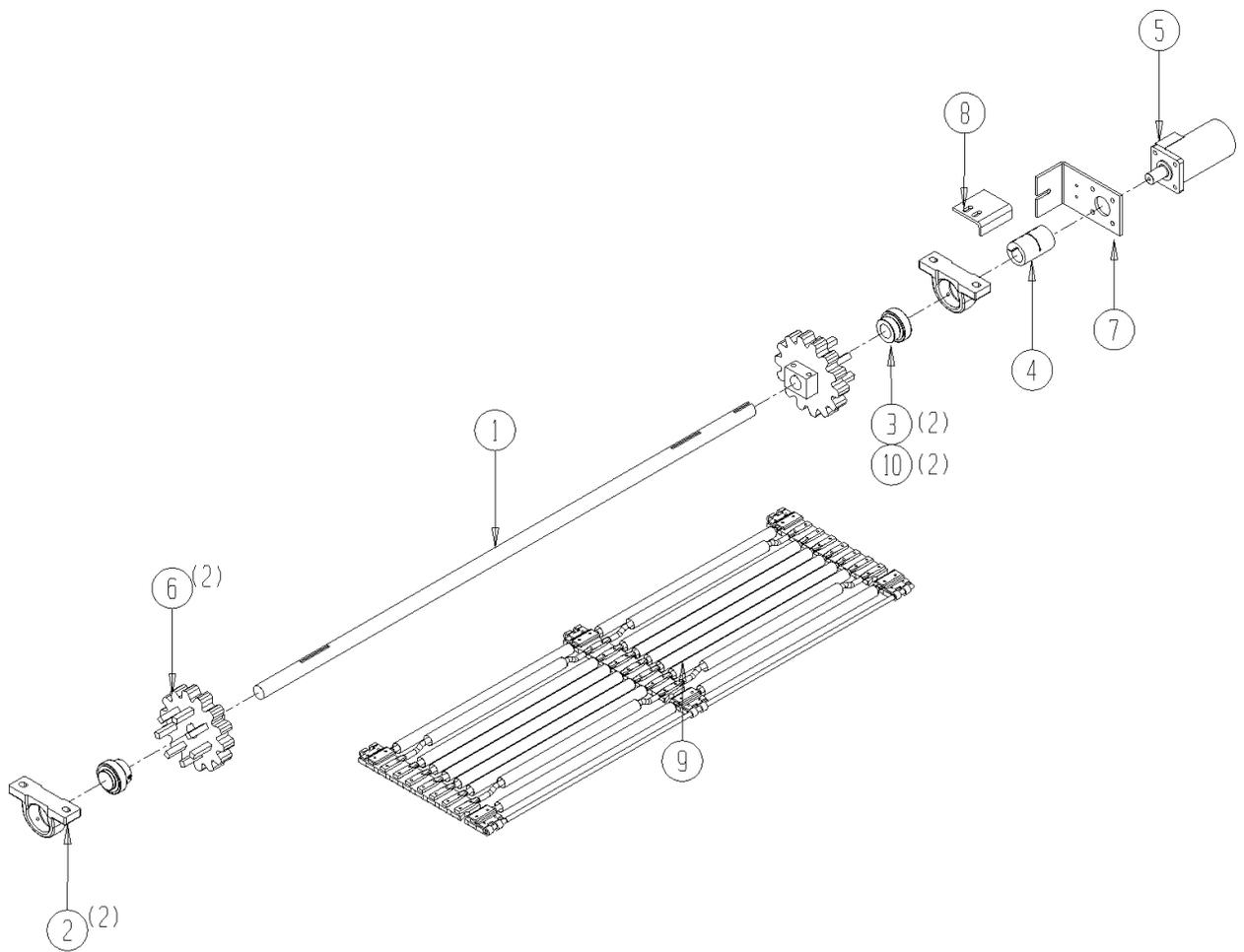
1108-9-9



1108-9-10 Optional 2nd Sorter Elevation Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8600	Drive Shaft, Elevation, High Cap Tomato	1		
2	BR-072-RAK	Bearing Housing 72 mm	2		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
4	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	SPU-3614-20-4	Belted Chain Sprocket, 36mm x 14 tooth, Urethane	2		Use SP-3614-20-4 for 190, 290, and Bell Pepper Discharge Drive Shafts
7	193-806	Mount motor	1		
8	193-806A	Motor mount stop	1		
9	BC-7-5036-105- UAC	2nd Elevation Chain w/Upcrank, Presort Kit, HC290	1		
10	BR-12572-LC	1 1/4" Locking Collar - Bearing Protector	2		
11	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	
12	KEY-4-4-32	Shaft Key 1/4" x 2" Square Cut (1018)	2		

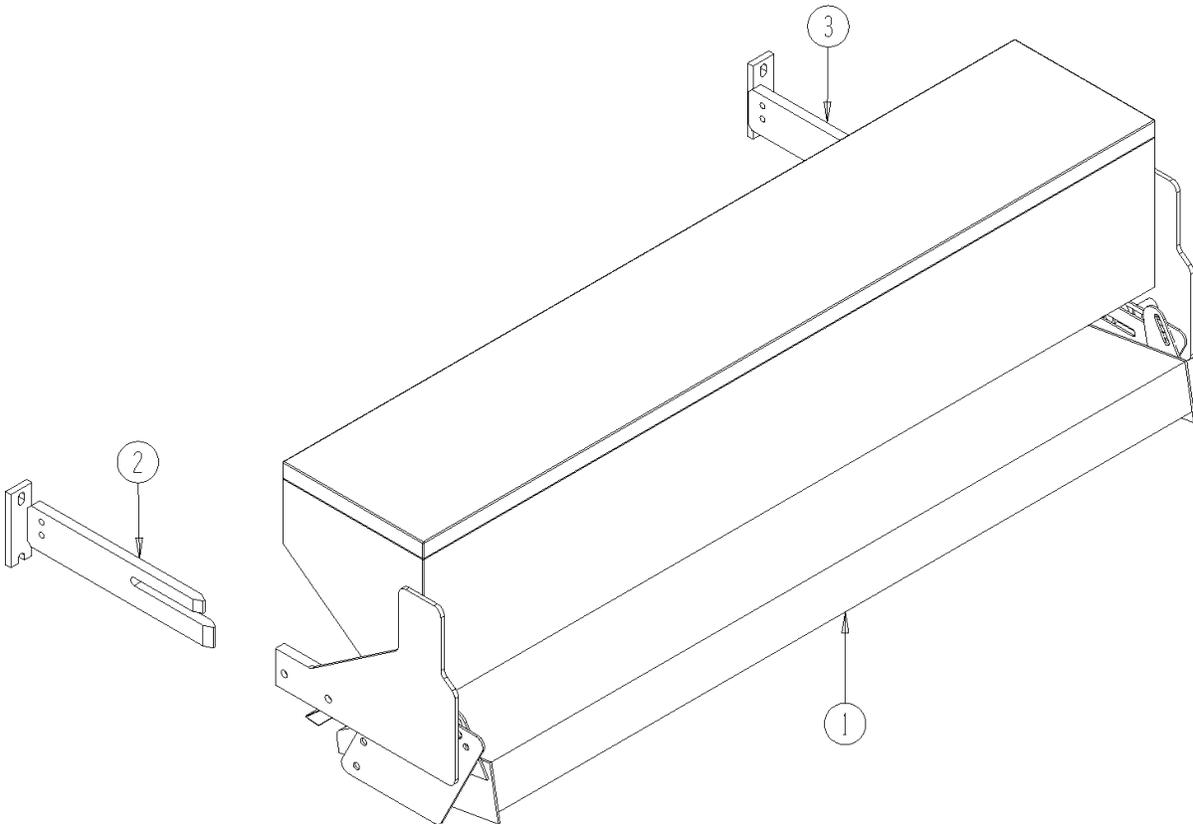
1108-9-10



1108-9-11 Optional 2nd Color Sorter Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SRT-1548	48" Odenberg GradeMaster Color Sorter	1		
2	BRA-8750	Bracket, Color Sorter, HC290 Tomato	1		
3	BRA-8751	Bracket, Mount LH, Color Sorter, HC290 Tomato	1		

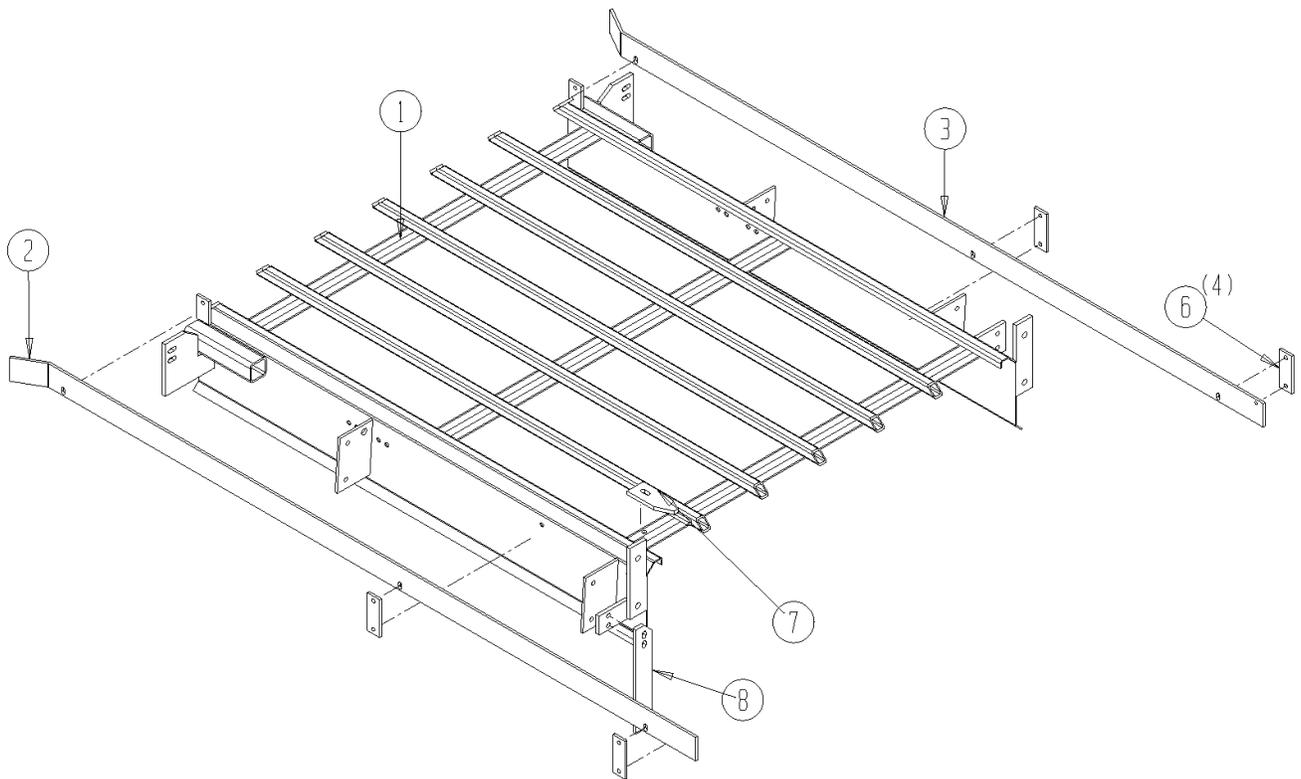
1108-9-11



1108-9-12 Optional 2nd Sorter Short Aftersort Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HAN-8751	Handsort, 2nd Aftersort, HC290 Tomato	1		
2	BAR-8760	RH Side Bar, 2nd Aftersort Table, HC290 Tomato	1		
3	BAR-8761	LH Side Bar, 2nd Aftersort Table, HC290 Tomato	1		
6	BAR-8754	Bar, Side Bar Mount, Aftersort, HC290 Tomato	4		
7	BAR-8758	A-Guide Scraper, Aftersort, HC290	1		
8	BAR-8751	Bar, Right, Front Mnt. Aftersort, HC290	1		

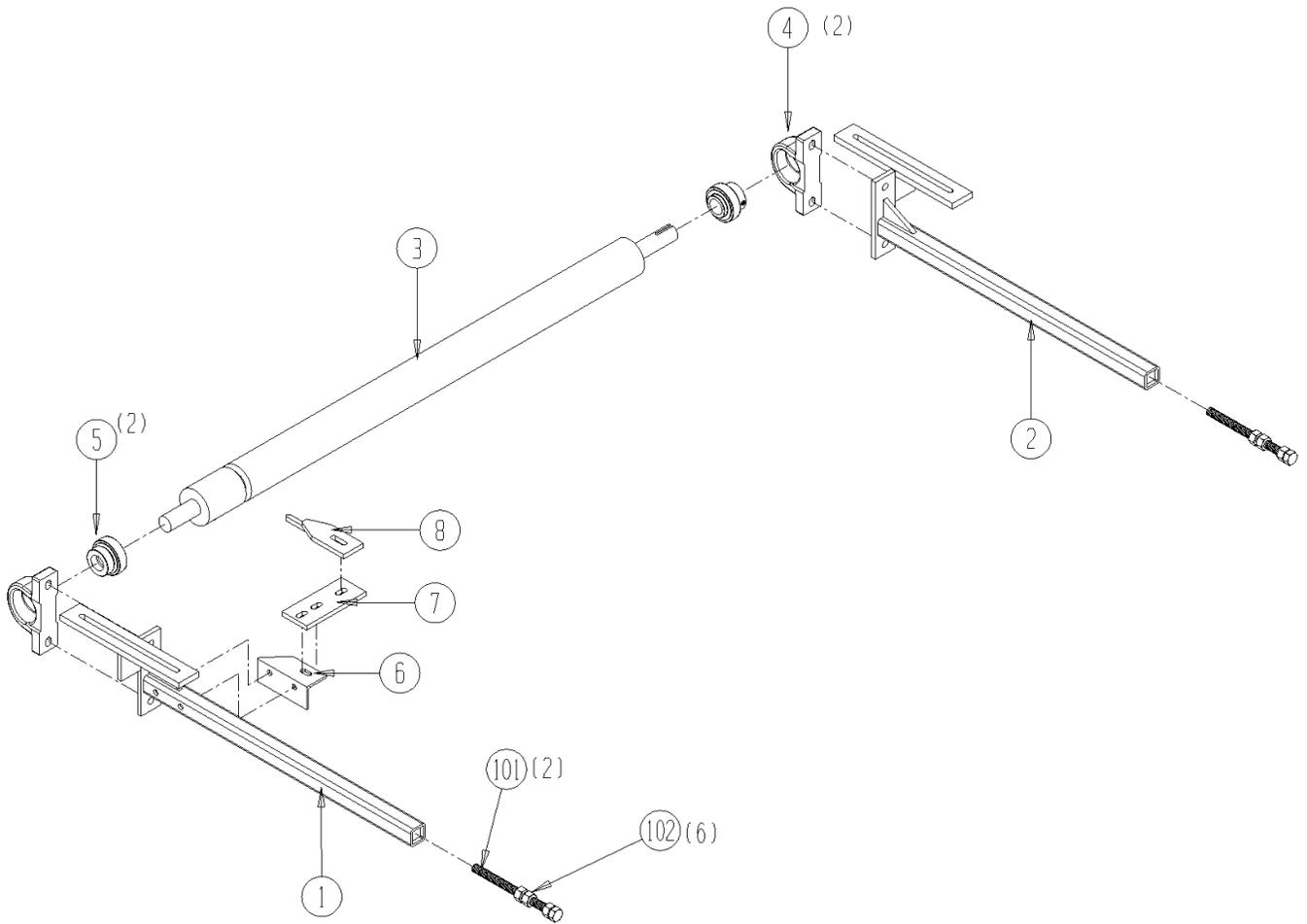
1108-9-12



1108-9-13 Optional 2nd Sorter Short Aftersort Idler Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ADJ-8750	Divider Bar Adjuster, Aftersort, RH, HC290	1		
2	ADJ-8751	Divider Bar Adjuster, Aftersort, LH, HC290	1		
3	RLR-8750	Roller, Rubber for 44" Flat Belt	1		
4	BR-072-RAK	Bearing Housing 72 mm	2		
5	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
6	BRA-8752	Bracket, Divider Roller Assy, Aftersort, HC290	1		
7	BAR-8757	Divider Roller Bar Assy, Aftersort, HC290 Tomato	1		
8	BAR-8758	A-Guide Scraper, Aftersort, HC290	1		
100	BL-10-800-TS	5/8-11 X 8 HEX TAP Stainless Steel	2		
101	BL-10-N	5/8-11 HEX FIN NUTS ZC	3		

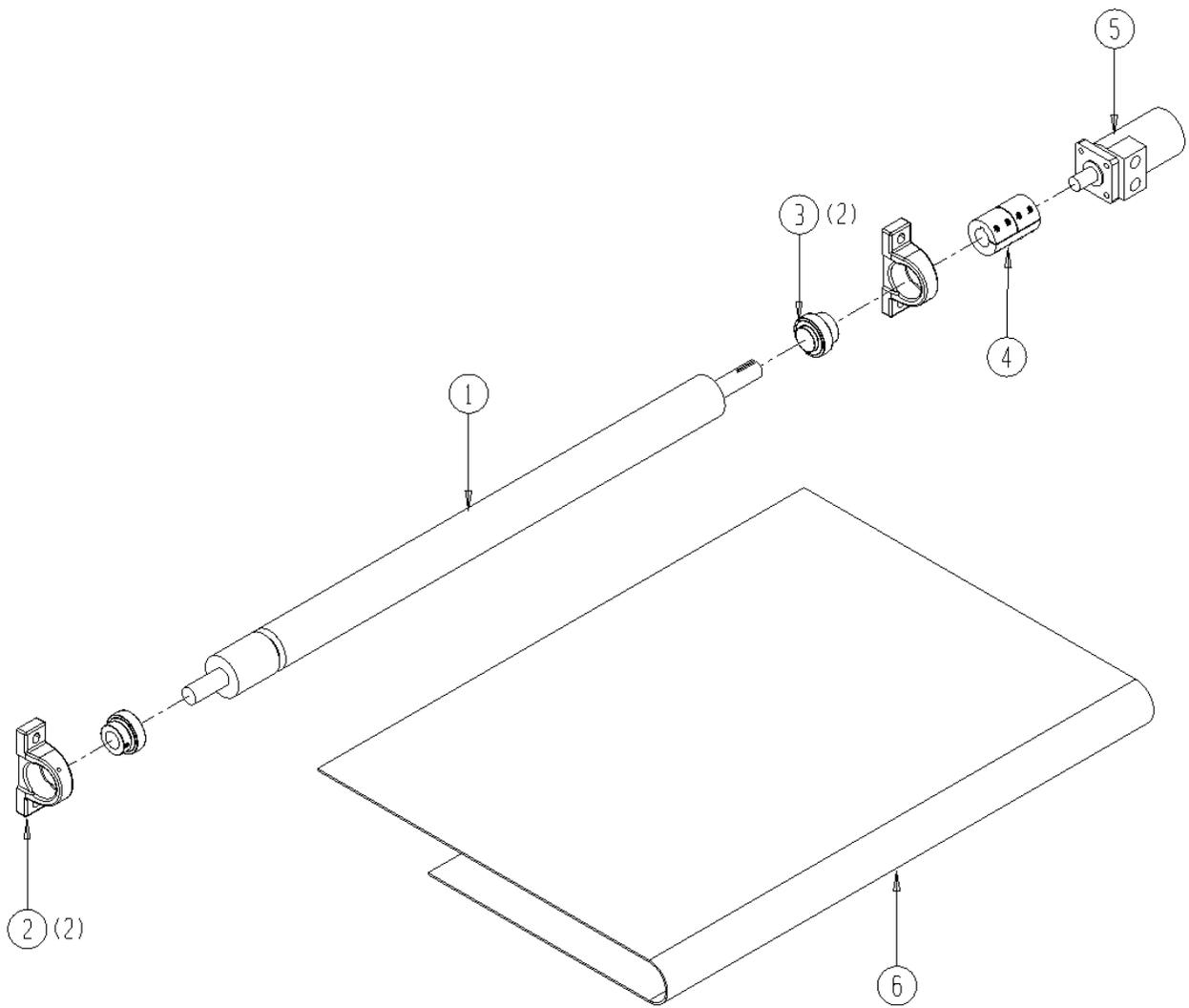
1108-9-13



1108-9-14 Optional 2nd Sorter Short Aftersort Drive Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	RLR-8750	Roller, Rubber for 44" Flat Belt	1		
2	BR-072-RAK	Bearing Housing 72 mm	2		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
4	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-204-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	BT-1126L	Aftersort Belt, Laced, 190 1/2" Long	1		

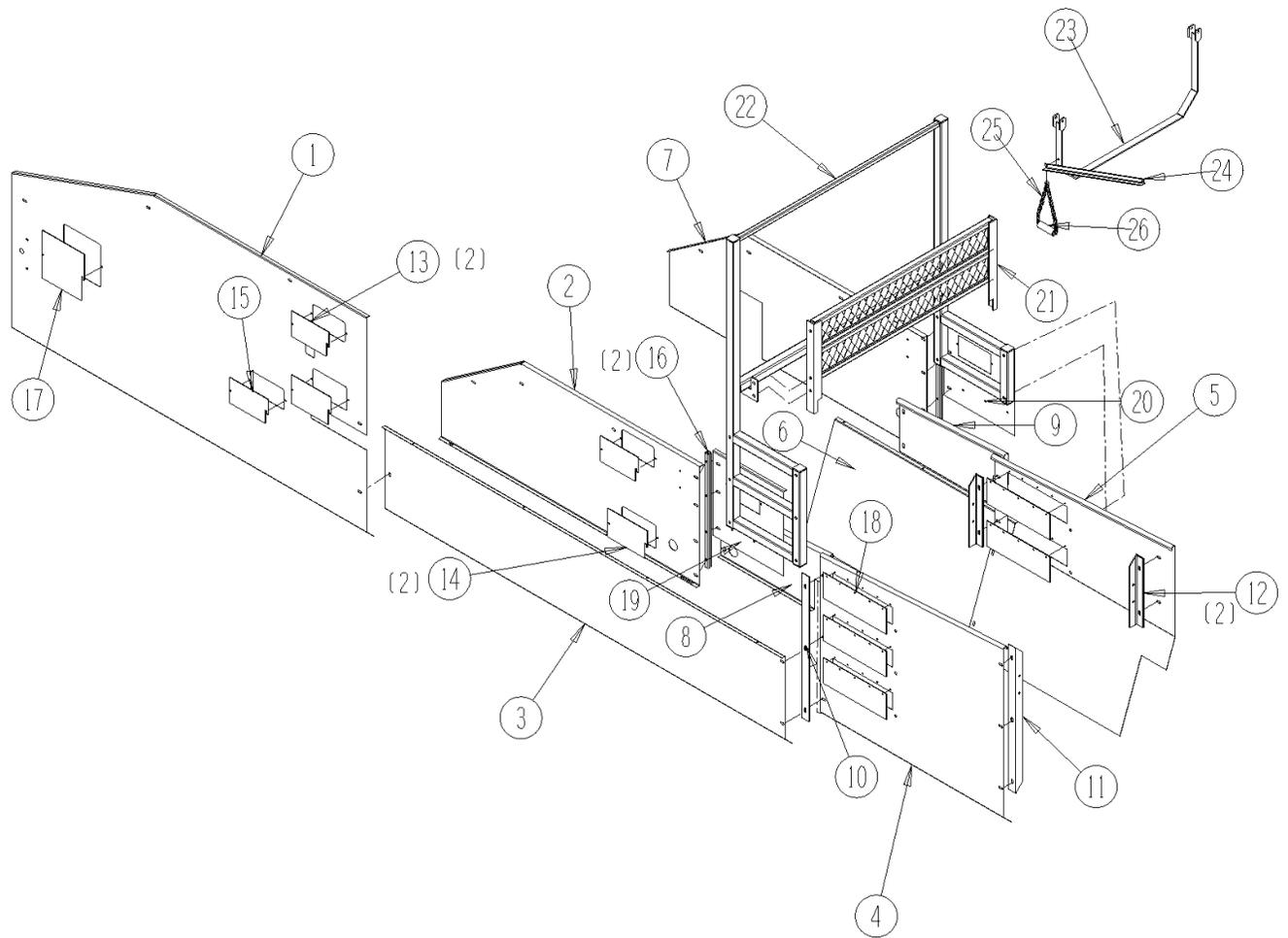
1108-9-14



1108-9-15 Optional 2nd Sorter Side Shield Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SHD-8764	Shield, RH, Elevation, 2nd Sorter Shield Assy.	1		
2	SHD-8756	Shield, RH, Back, 2nd Sorter Shield Assy, HC290	1		
3	SHD-8757	Shield, RH, Middle, 2nd Sorter Shield Assy, HC290	1		
4	SHD-8758	Shield, RH, Front, 2nd Sorter Shield Assy, HC290	1		
5	SHD-8759	Shield, LH, Front, 2nd Sorter Shield Assy, HC290	1		
6	SHD-8760	Shield, LH, Middle, 2nd Sorter Shield Assy, HC290	1		
7	SHD-8761	Shield, LH, Back, 2nd Sorter Shield Assy, HC290	1		
8	SHD-8762	Shield, LH, Top Middle, 2nd Sorter Shield Assy.	1		
9	SHD-8763	Shield, RH, Top Middle, 2nd Sorter Shield Assy.	1		
10	SUP-8751	Shield Mount, RH, Middle, Aftersort, HC290	1		
11	SUP-8752	Shield Mount, RH, Front, Aftersort, HC290	1		
12	SUP-8753	Shield Mnt, LH, Back/Middle, Aftersort, HC290	2		
13	PL-8751	PL Cover, Top Panel Cut-Out, Elevation, HC290	2		
14	PL-8752	PL Cover, Middle Panel Cut-Out, Elevation, HC290	2		
15	PL-8753	PL Cover, Bottom Panel Cut-Out, Elevation, HC290	1		
16	SUP-8755	Support, Top Middle Panels, 2nd Sorter Shield Assy	2		
17	PL-8755	Plastic, Cover, Back Panel, Elevation, HC290	1		
18	BT-8102	Belting, Step Cover, HC290 Tomato	5		
19	PAN-8755	Outer 2nd Sorter Panel Cover Extension	1	PAN-8755	
20	PAN-8756	Inner, 2nd Sorter Panel Cover Extension	1	PAN-8756	
21	STD-8109	Stand, Decking Above Aftersort, HC290 Tomato	1		
22	STD-8110	Steps, Second Sorter, HC290 Tomato	1		
23	MOU-8001	Mount, Handrail Mount, Canopy Frame, HC290	1		
24	BRA-8001	Bracket, Handrail Mount on Canopy Frame, HC290	1		
25	CH-3-28	3/16 LINK CHAIN 28 LINKS	1		
26	SPA-8002	Pipe, Handle for Handrail over Aftersort, HC290	1		

1108-9-15

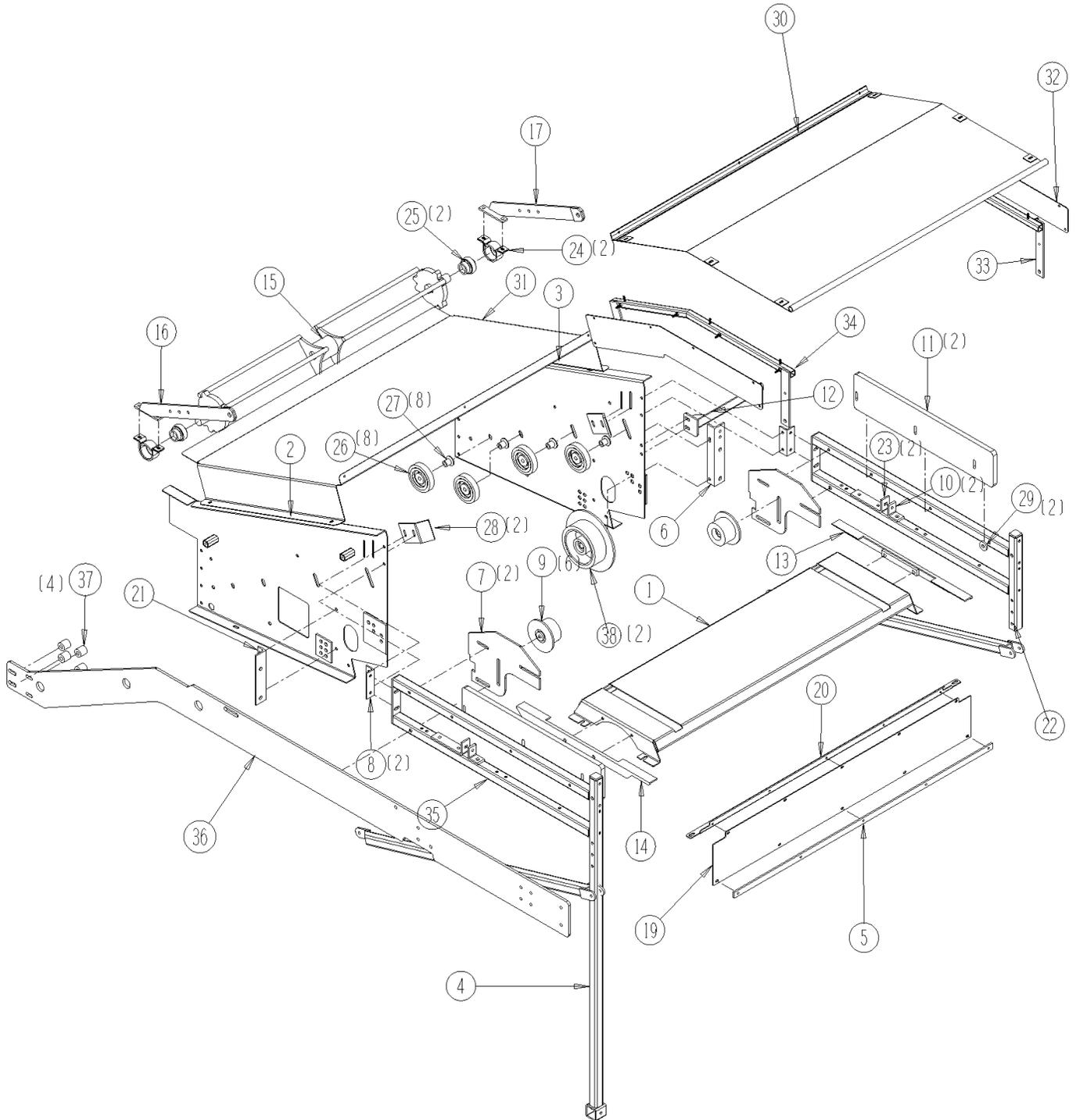


1108-9-16 Opt. Elevation/Presort Frame & Bar Cleaner Assy

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8750	Panel, Slider Table, Presort Kit, HC290 Tomato	1		
2	PAN-8751	Panel, Elevation, RH, Presort Kit, HC290 Tomato	1		
3	PAN-8752	Panel, Elevation, LH, Presort Kit, HC290 Tomato	1		
4	SUP-8756	Support, Elevation, Presort Kit, HC290 Tomato	2		
5	BAR-8765	Belting Bar, Presort Kit, HC290 Tomato	1		
6	MOU-8753	Mount, LH, Presort Kit, HC290 Tomato	1		
7	MOU-1130	Mount, Roller, Front Elevation	2	19705	
8	BRA-8758	Bracket, Table Support, Presort Kit, HC290	2		
9	RLT-635-2208	6" Flange Roller 2.2 WF 4.5 dia, 1/2" bore	2		
10	BRA-1528	Bracket, Tightener	2	19705 19801-	
11	PL-2000	Plastic, Presort, Chili Machine	2		
12	POS-8752	Post, Inside Panel To Frame, Presort Kit, HC 290	1	POS-8752	
13	EX-1520A	extension, Slider, Outer	1	19601-	
14	EX-1520B	extension, Slider, Inner	1	19601-	
15	BAR-50362X	Bar Clnr, 36mm Pch x 50" Wide Chain w/Cntr Belt	1		
16	192-362A	Chain cleaner bar (Left)	1	19101-	
17	192-362B	Chain cleaner bar (Right)	1	19101	
19	BT-8750	Belting, Deflector, Presort Kit, HC290 Tomato	1		
20	BAR-8766	Scraper Bar, Presort Kit, HC290 Tomato	1		
21	MOU-8754	Mount, RH, Presort Kit, HC290 Tomato	1		
22	FRM-8750	Frame, Presort Kit, HC290 Tomato	1		
23	192-1528	Bearing Adjuster	2	19201-	
24	BR-062-MPB	Stamped Bearing Housing for 1 1/4" bearing	2		
25	BR-125-062	Bearing, 1 1/4 Fafnir tri-seal, 62mm OD	2		
26	RLR-040-108	4" Flat Roller	8		Changed to Urethane in 2006
27	RLA-000-118	Standoff, 1/2" X 1 1/8"	8		
28	SHD-1899	Shield, Push Offs, 1" Wide Rollers	2		
29	RLA-000-028	Washer/Spacer	2	11001-	
30	COV-8765	Cover, Top, Elevation / Presort, HC 290	1		
31	COV-8766	Presort Cover, 290 Harvester	1		
32	SID-8765	Side, Shield, Elevation/Presort Cover, HC 290	2		
33	SUP-8765	Support, Shield Side Mount, Ele/Pre, HC 290	1	SUP-8765	
34	SUP-8766	Support, Inside Shield Mount, Ele/Pre, HC 290	1		

35	FRM-8751	Frame, Presort, 290 Tomato	1	FRM-8751
36	BAR-8514	Sorter Support Bar, 290 Tomato Harvester	1	
37	SPA-8603	Spacer, 290 Tomato Harvester	4	
38	RLT-965-2208	9.5" Flange Roller 6.5 WF 2.2 WW 1/2" bore	2	

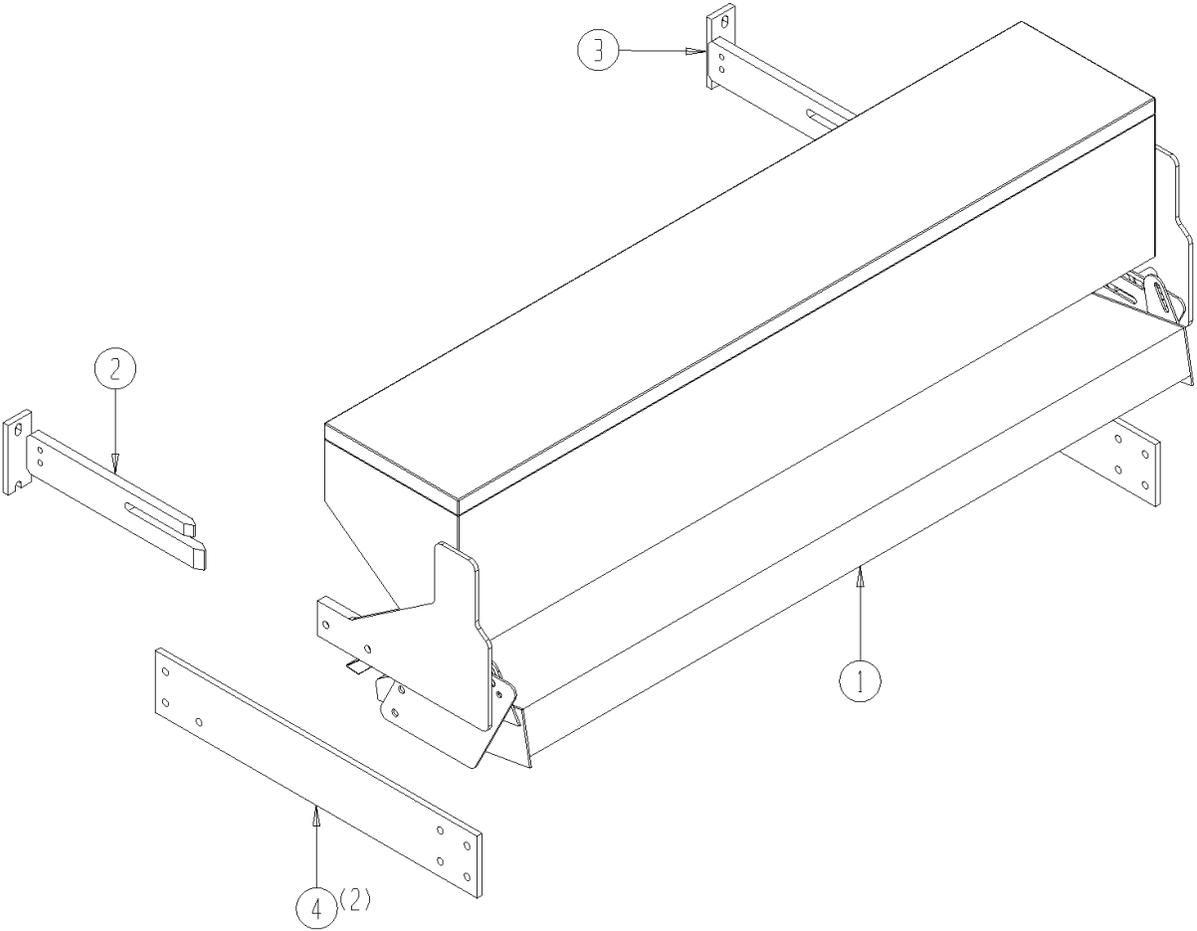
1108-9-16



1108-9-17 Opt. Color Sorter For Presort Belt Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SRT-1548	48" Odenberg GradeMaster Color Sorter	1		
2	BRA-8756	Bracket, Mount, RH, Presort Kit, HC290	1		
3	BRA-8757	Bracket, Mount, LH, Presort Kit, HC290 Tomato	1		
4	BAR-8601	Bar, Elevation, Color Sorter, HC290 Tomato	2		

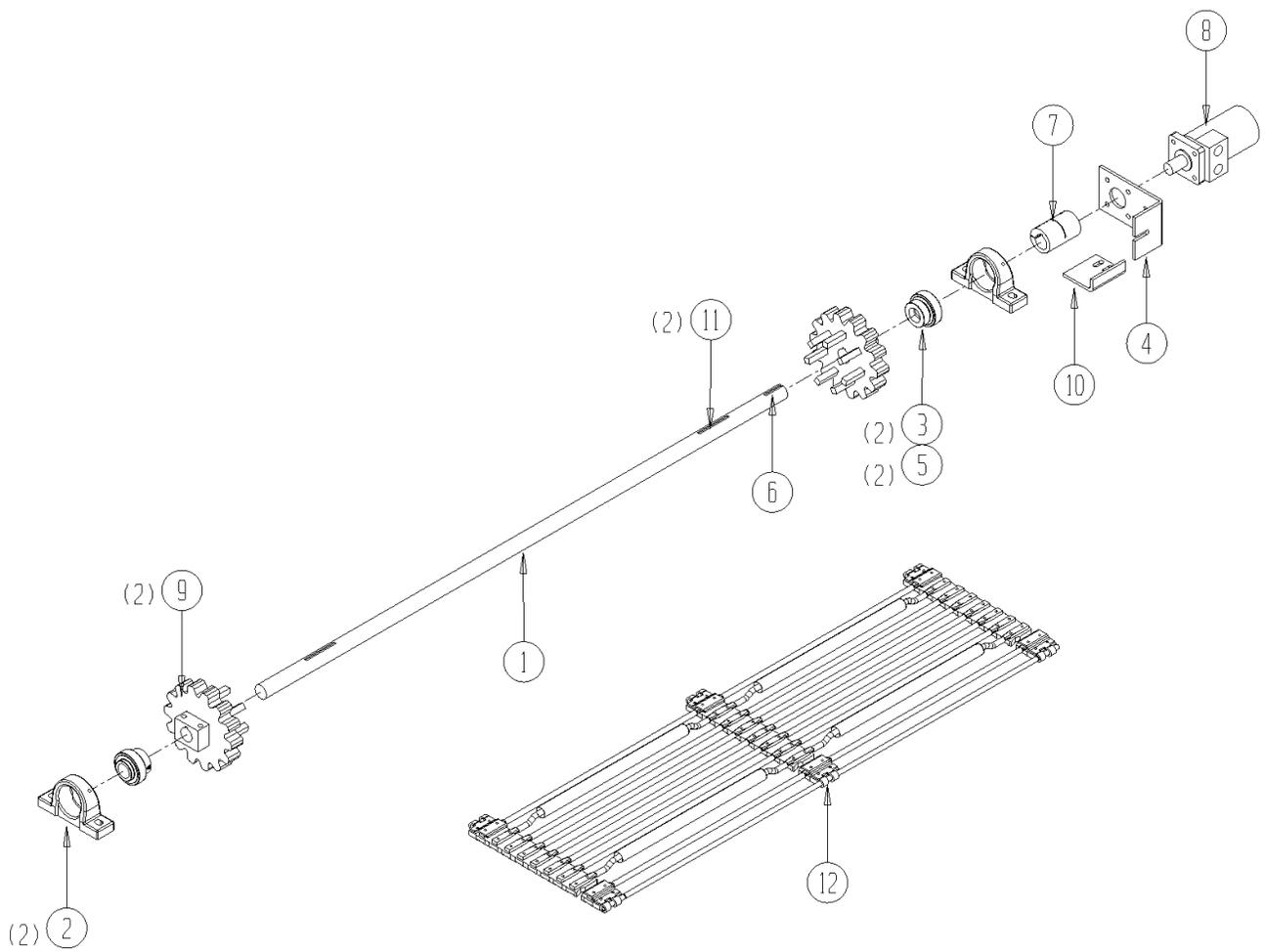
1108-9-17



1108-9-18 Opt. Elevation W/ Presort Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8600	Drive Shaft, Elevation, High Cap Tomato	1		
2	BR-072-RAK	Bearing Housing 72 mm	2		
3	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
4	193-806	Mount motor	1		
5	BR-12572-LC	1 1/4" Locking Collar - Bearing Protector	2		
6	KEY-4-4-16	Shaft Key 1/4" X 1/4" X 1" Square Cut (1018)	1	20095001-	
7	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
8	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
9	SPU-3614-20-4	Belted Chain Sprocket, 36mm x 14 tooth, Urethane	2		Use SP-3614-20-4 for 190, 290, and Bell Pepper Discharge Drive Shafts
10	193-806A	Motor mount stop	1		
11	KEY-4-4-32	Shaft Key 1/4" x 2" Square Cut (1018)	2		
12	BC-7-5036-160-UC	Elevation Chain w/Upcrank, Presort Kit, HC 290	1		

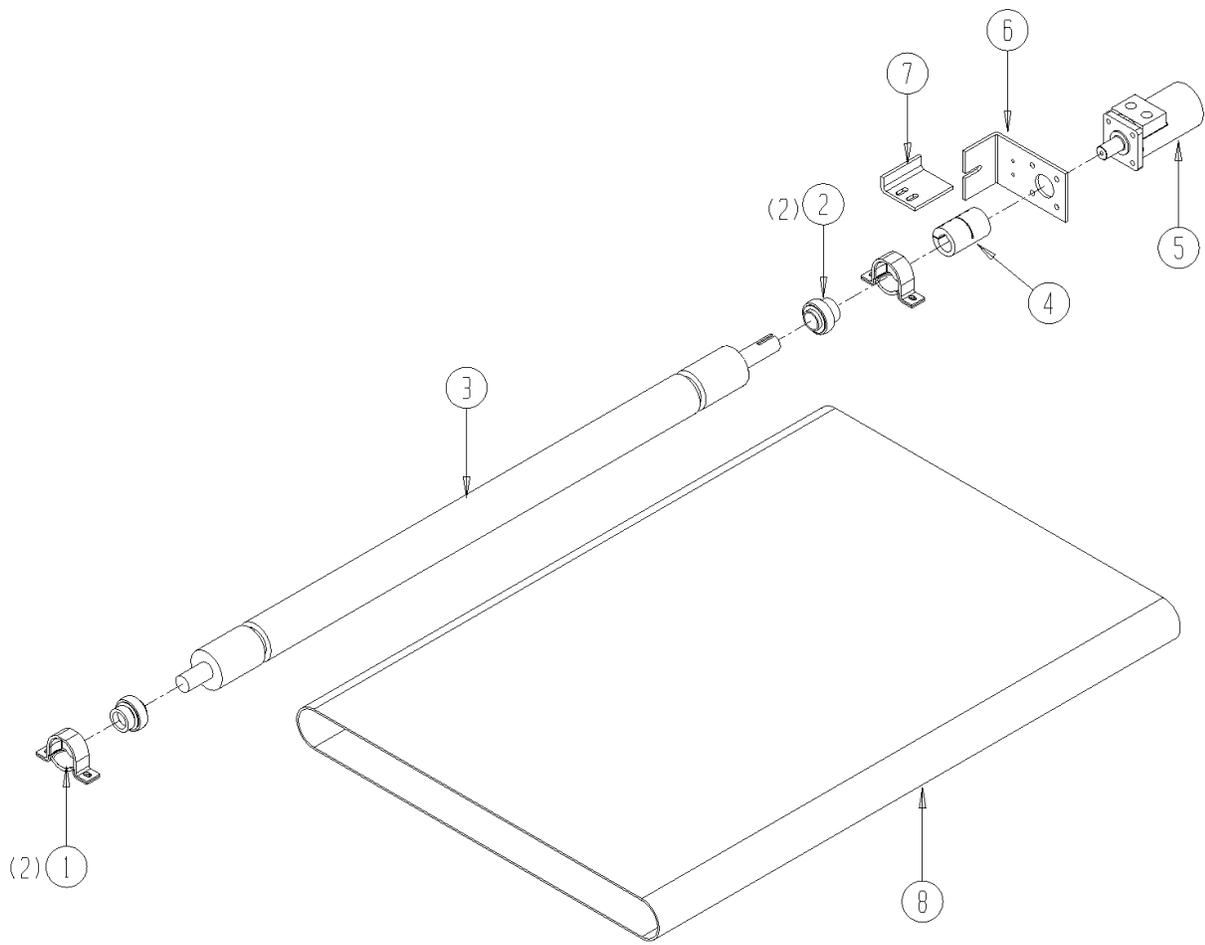
1108-9-18



1108-9-19 Opt. Presort Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	A-6902-10-8	10 SAE X 1/2" FPX 45°	2		
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-8751	Roller, Drive, Presort Kit, HC290 Tomato	1		
4	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-208-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	193-806	Mount motor	1		
7	193-806A	Motor mount stop	1		
8	BT-72V4975E	Belt, HC 290 Presort, w/ Double Guide	1		

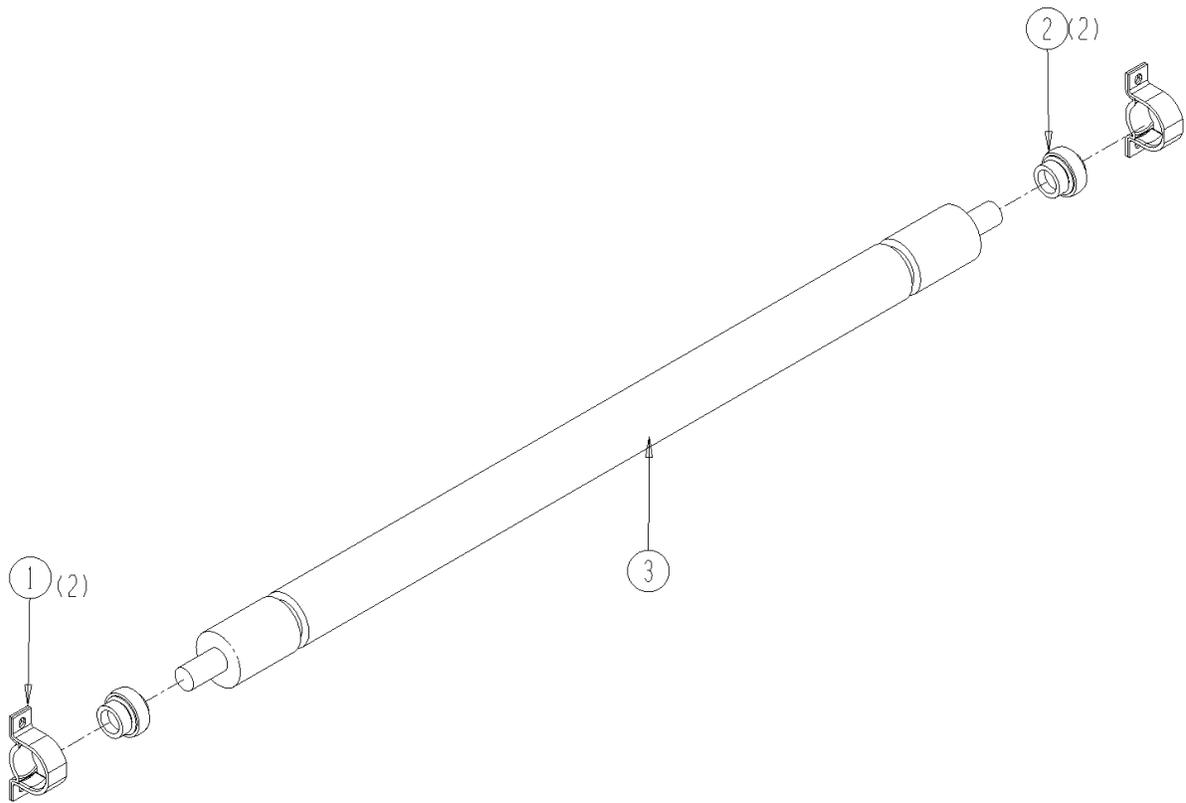
1108-9-19



1108-9-20 Opt. Presort Idler Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
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-8752	Idler, Presort Kit, HC290 Tomato	1		

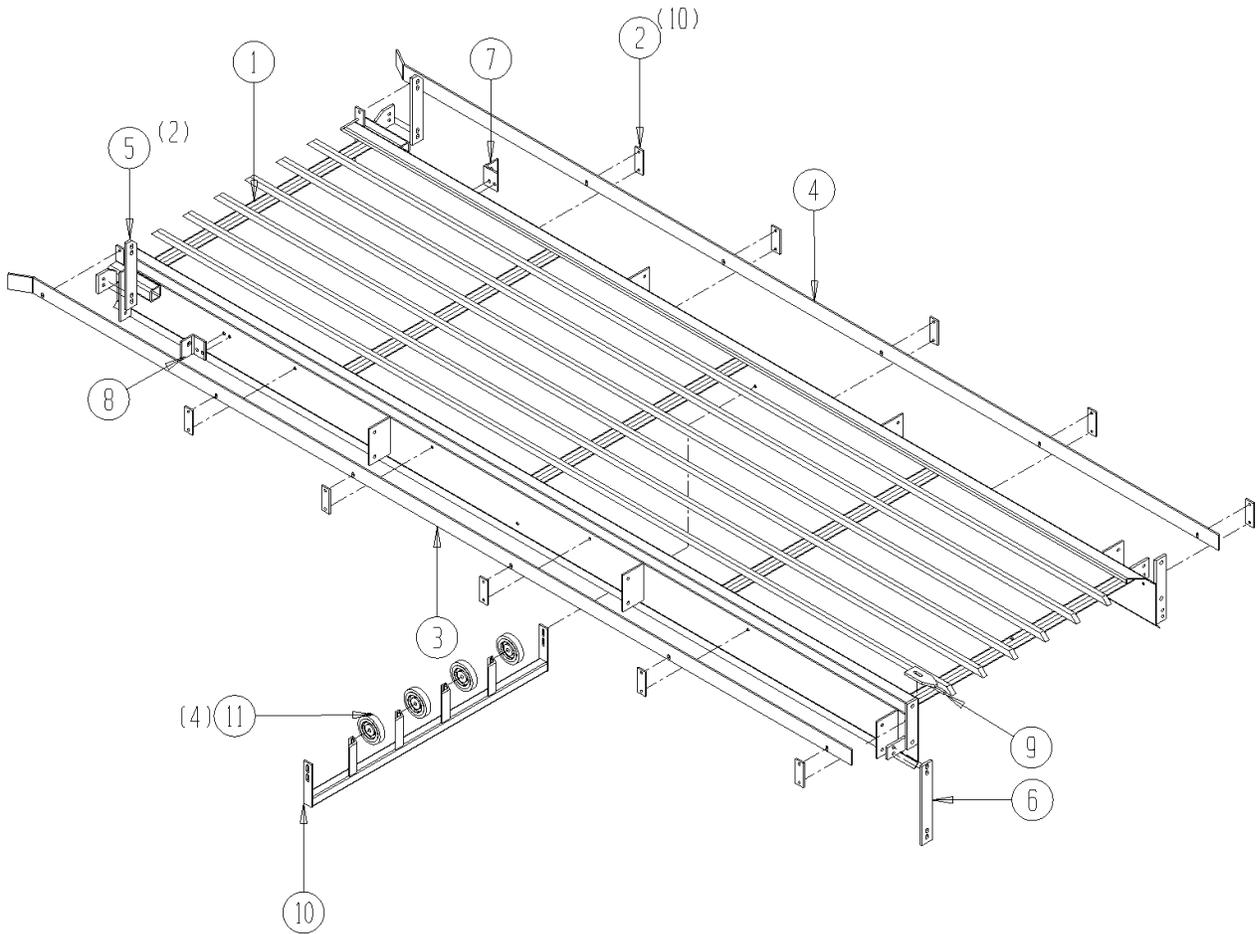
1108-9-20



1108-10-1 Aftersort Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HAN-8750	Handsort, Aftersort Table, High Capacity Tomato	1		
2	BAR-8754	Bar, Side Bar Mount, Aftersort, HC290 Tomato	10		
3	BAR-8752	RH Side Bar, Aftersort Table, HC290 Tomato	1		
4	BAR-8753	LH Side Bar, Aftersort Table, HC290 Tomato	1		
5	BAR-8750	Bar, Rear Table Mnt, Aftersort, HC290	2		
6	BAR-8751	Bar, Right, Front Mnt. Aftersort, HC290	1		
7	STP-8501	Stop, Outside, Adjuster Belt	1		
8	STP-8502	Stop, Inside, Adjuster Belt, Crss Convyr, HC290	1		
9	BAR-8758	A-Guide Scraper, Aftersort, HC290	1		
10	BRA-852	Bracket, Aftersort Rollers	1		
11	RLR-040-108	4" Flat Roller	4		Changed to Urethane in 2006

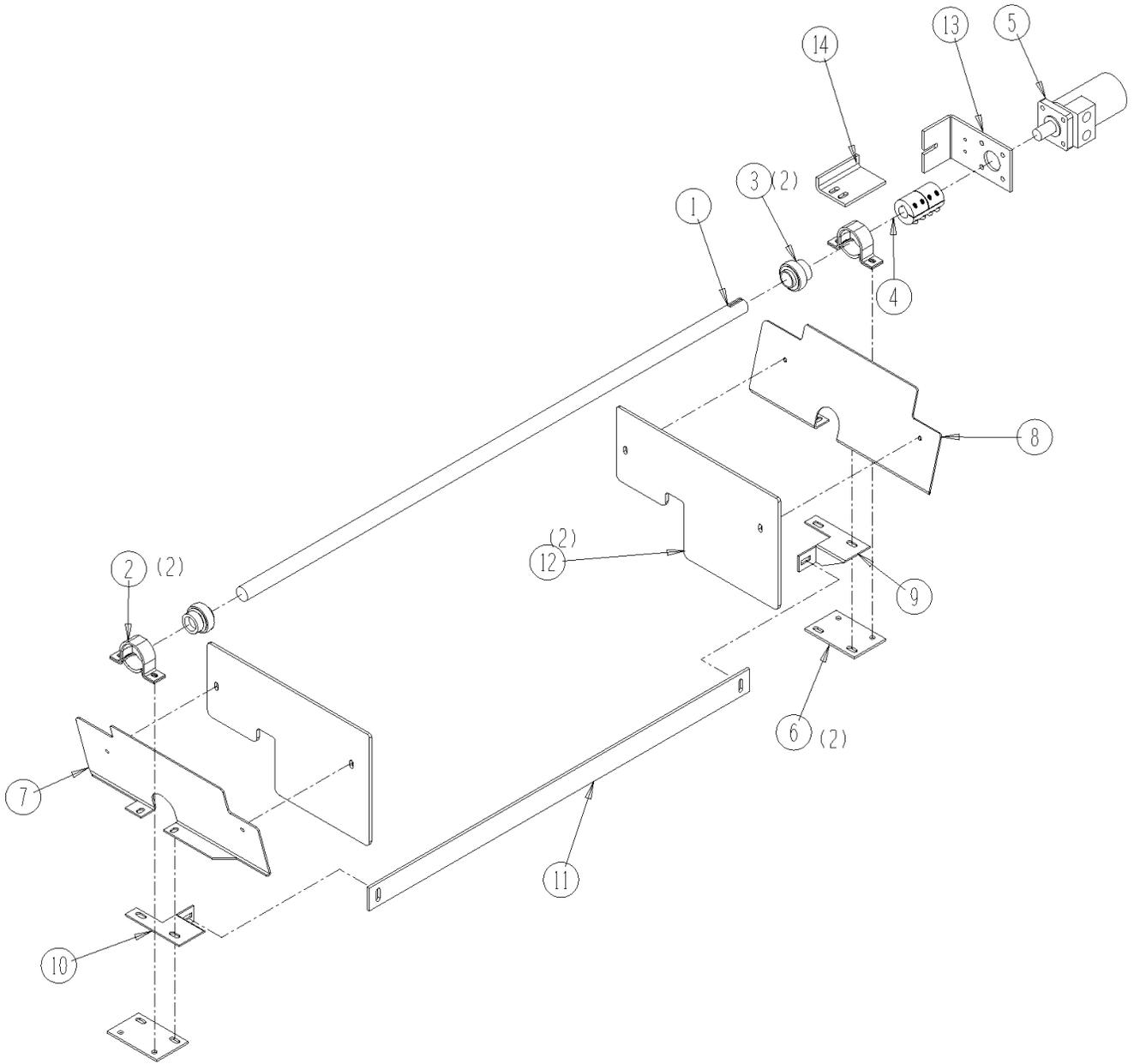
1108-10-1



1108-10-2 Aftersort Divider Roller Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8750	Shaft, Divider Roller Assy, Aftersort, HC290	1		
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	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
5	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	BAR-8755	Bar, Divider Roller Bar, Aftersort, HC290 Tomato	2		
7	SHD-8750	Divider Roller Shield, Aftersort, RH, HC290	1		
8	SHD-8751	Divider Roller Shield, Aftersort LH, HC290	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	BAR-8756	Bar, Rolling Guard Scrapers, Aftersort, HC290	1		
12	PL-8750	Plastic, Divider Roller Shield, Aftersort, HC290	2		
13	193-806	Mount motor	1		
14	193-806B	Motor Mount Stop	1		

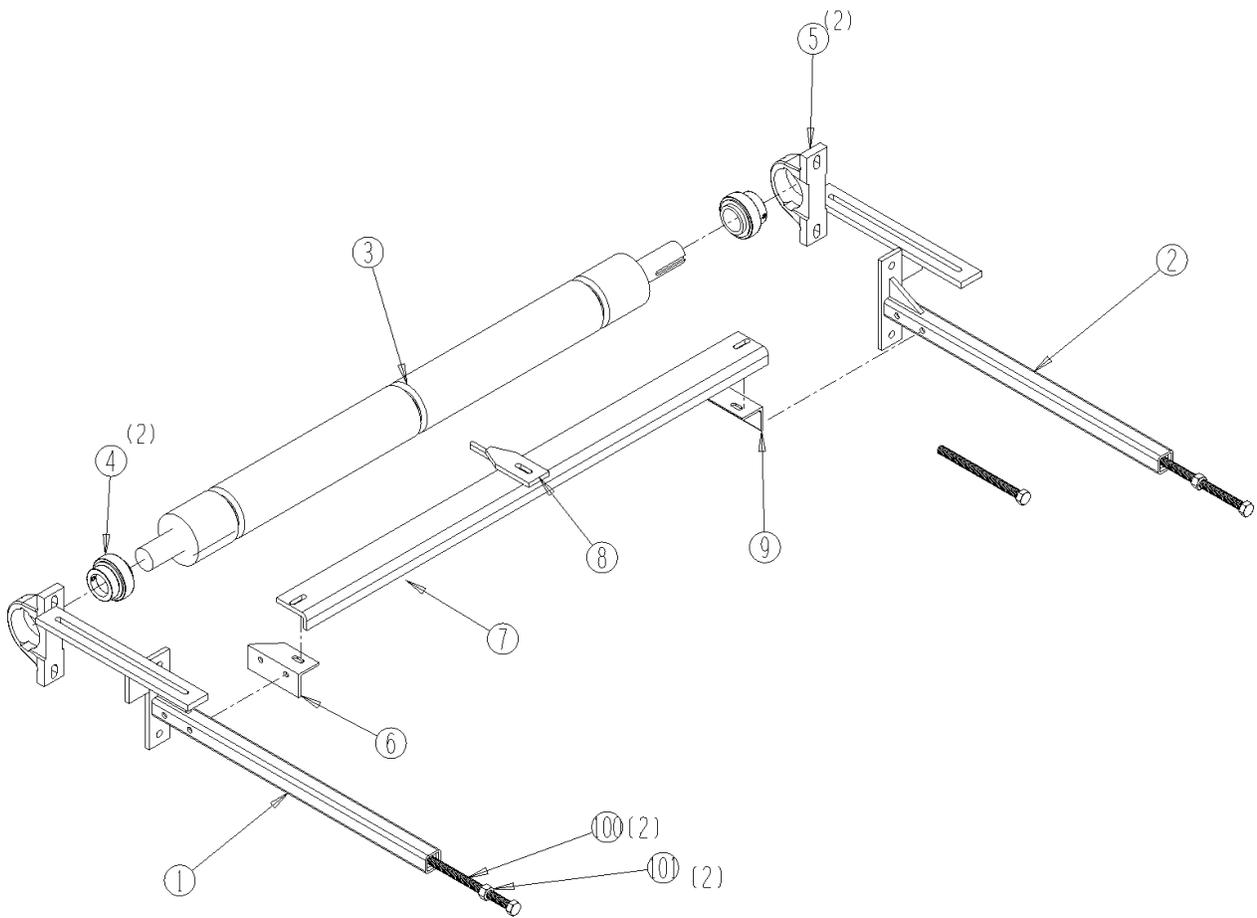
1108-10-2



1108-10-3 Aftersort Idler Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ADJ-8756	Adjuster, Divider Bar, Aftersort, RH	1		
2	ADJ-8757	Adjuster, Dibider Bar, Aftersort, LH	1		
3	RLR-8753	Rubber Roller, 1.75 Shaft 4.00 Rubber Roller	1		
4	BR-085-RAK	Bearing Housing 85 mm	2		
5	BR-175-085	Fafnir Bearing 1 ¾ Tri Seal	2		
6	BRA-8752	Bracket, Divider Roller Assy, Aftersort, HC290	1		
7	BAR-8769	Scraper Bar, Aftersort Idler, 290 Harvester	1		
8	BAR-8758	A-Guide Scraper, Aftersort, HC290	1		
9	BRA-8760	Angle Scraper Mount, 290 Harvester	1		
100	BL-10-800-TS	5/8-11 X 8 HEX TAP Stainless Steel	2		
101	BL-10-N	5/8-11 HEX FIN NUTS ZC	2		

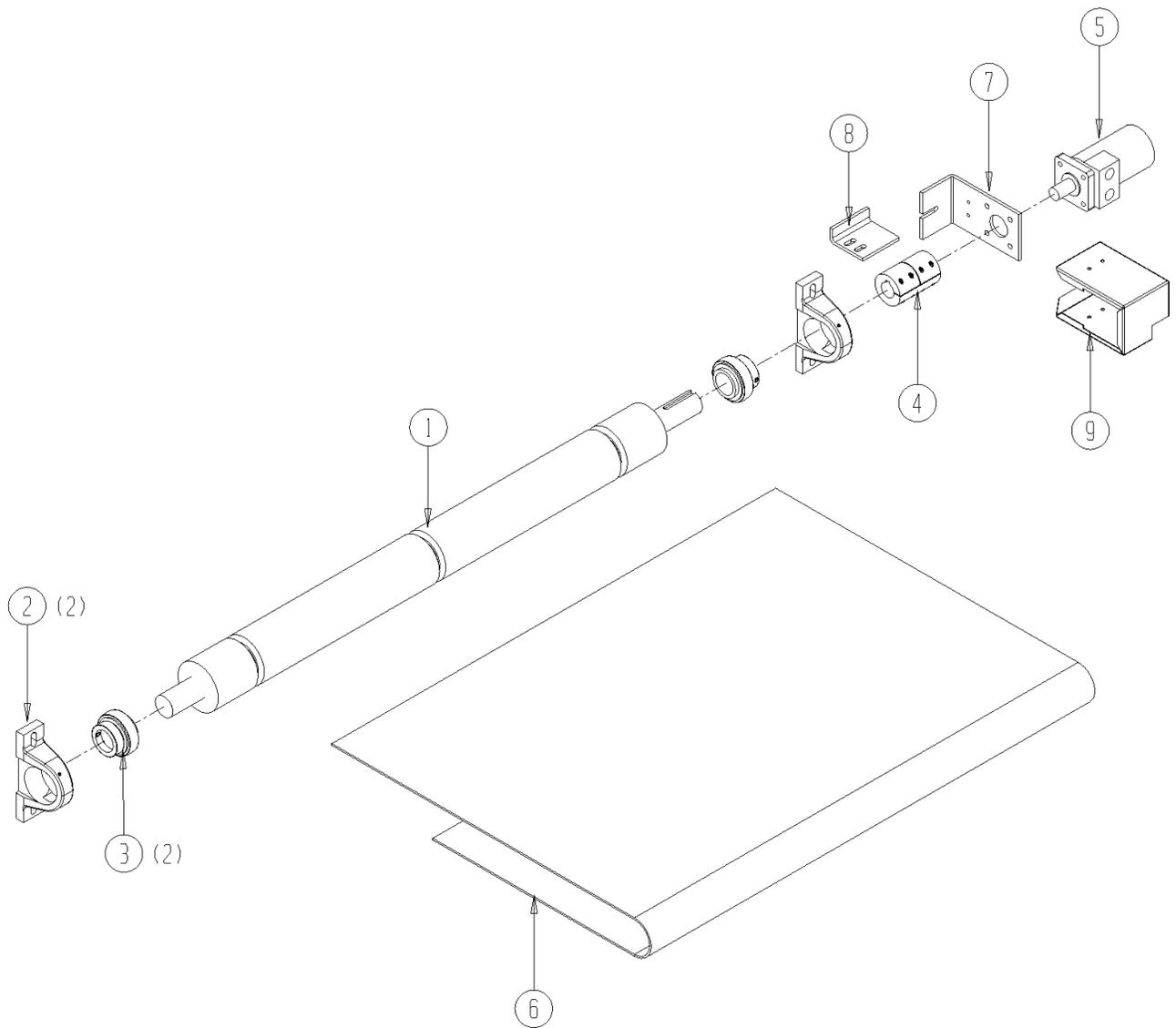
1108-10-3



1108-10-4 Aftersort Drive Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	RLR-8753	Rubber Roller, 1.75 Shaft 4.00 Rubber Roller	1		
2	BR-085-RAK	Bearing Housing 85 mm	2		
3	BR-175-085	Fafnir Bearing 1 ¼ Tri Seal	2		
4	CPS-2816	Steel Coupler 1 ¾" x 1" ID x 3" OD x 4" Long with 5/16-24" Clamp Screw	1		
5	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
6	BT-1130L	Aftersort Belt, Center A-guide, 290 Harvester	1		
7	193-806	Mount motor	1		
8	193-806B	Motor Mount Stop	1		
9	SHD-806	Shield, Motor, Aftersort, HC290	1		
10	DC-1176	Decal, Danger-Hand Chain Sprockets	1		

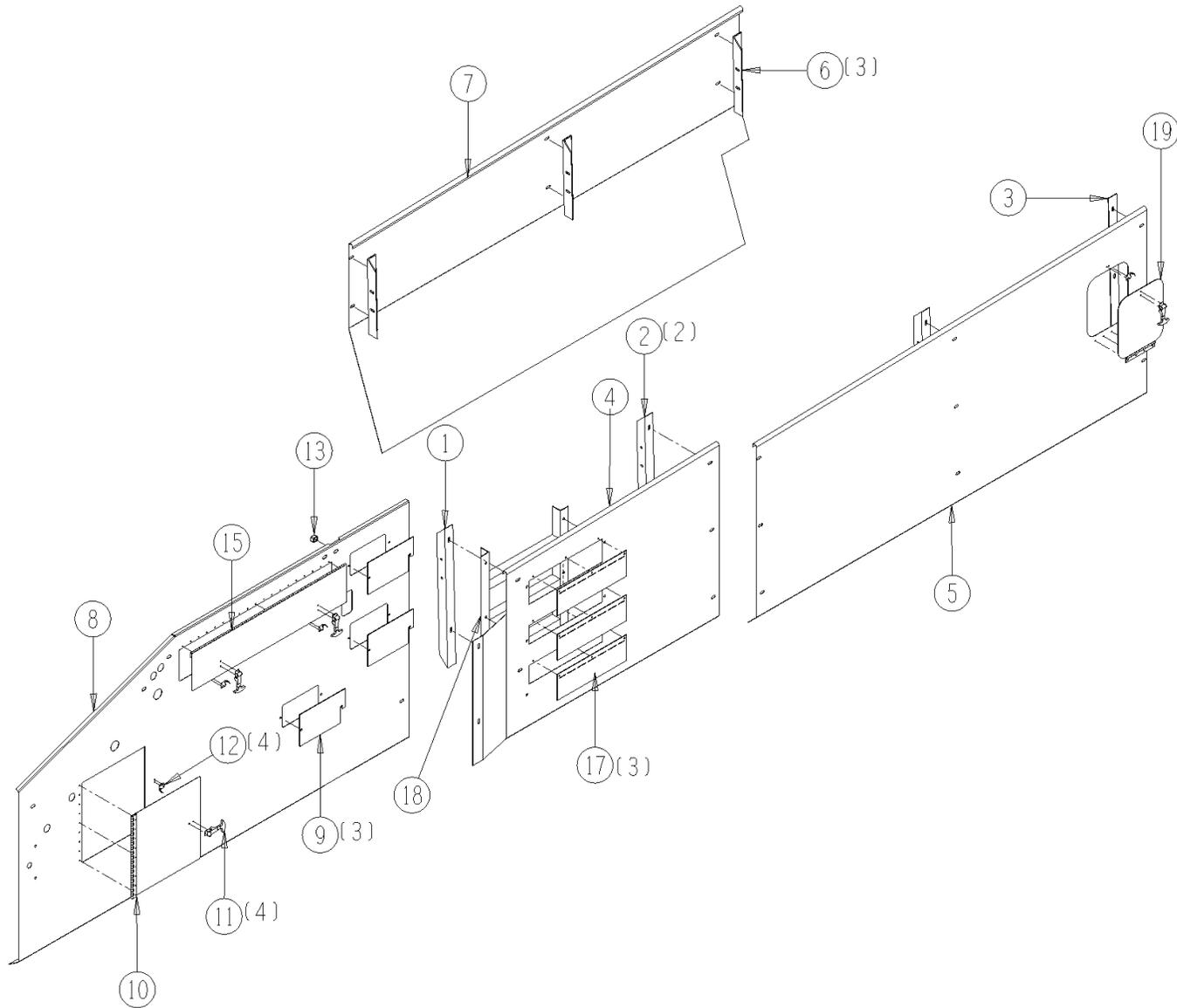
1108-10-4



1108-10-5 Aftersort Shield Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SUP-8750	Shield Mount, RH, Back, Aftersort, HC290	1		
2	SUP-8751	Shield Mount, RH, Middle, Aftersort, HC290	2		
3	SUP-8752	Shield Mount, RH, Front, Aftersort, HC290	1		
4	SHD-8752	Side Panel, RH, Middle, Aftersort, HC290	1		
5	SHD-8753	Side Panel, RH, Front, Aftersort, HC290	1		
6	SUP-8753	Shield Mnt, LH, Back/Middle, Aftersort, HC290	3		
7	SHD-8754	Side Panel, LH, Front, Aftersort, HC290	1		
8	SHD-8755	Side Panel, RH, Elevation, HC290 Tomato	1		
9	PL-8752	PL Cover, Middle Panel Cut-Out, Elevation, HC290	3		
10	SHD-8405	Shield, Access Door, Elevation, HC290	1		
11	LA-703A	Large Rubber T Latch Assembly	4		
12	LA-703B	T Latch Keeper	4		
13	SPA-0159	Spacer, Outer Panel, Presort, HC 290	1		
15	SHD-8765	Shield, RH, Side Panel, Elevation, HC290	1		
16	DC-1174	Decal, Danger Keep Hands and Feet Away	5		
17	BT-8751	Belting, Step Cover, 290 Harvester	3	BT-8751	
18	STD-8701	Ladder, Aftersort, HC290 Tomato	1		
19	SHD-8768	Fill Door, Hyd. Fluid. 290 Harvester	1		

1108-10-5



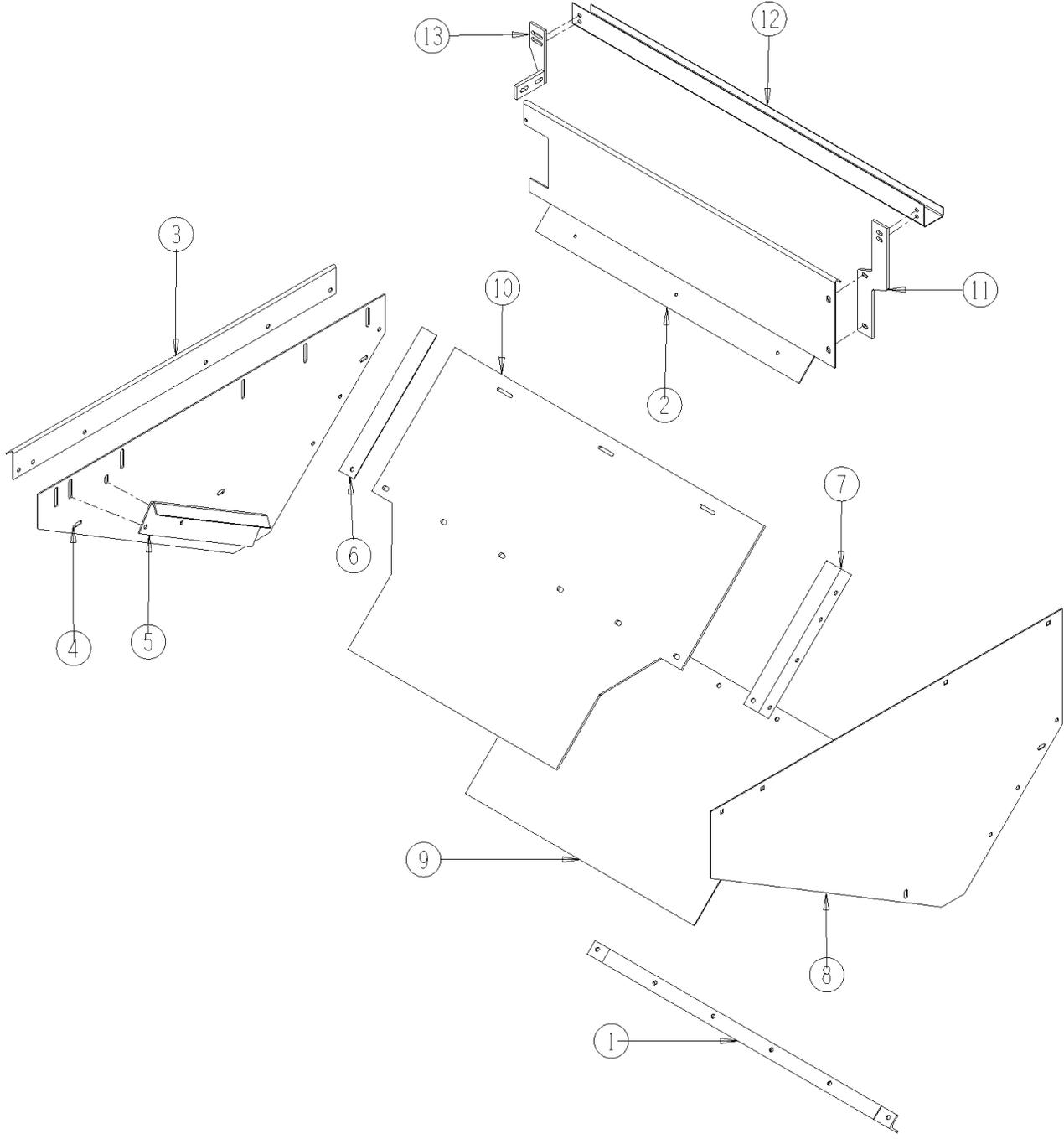
1108-10-6 Handrail & Decking Over Aftersort Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-8001	Mount, Handrail Mount, Canopy Frame, HC290	1		
3	BRA-8002	Cross, Handrail Mount on Canopy Frame, HC290	1		
4	CH-3-28	3/16 LINK CHAIN 28 LINKS	1		
5	SPA-8002	Pipe, Handle for Handrail over Aftersort, HC290	1		
6	STD-8109	Stand, Decking Above Aftersort, HC290 Tomato	1		
7	PIN-8112	Pin, Aftersort Decking, 290 Havester	1		
8	PIN-H8	Hairpin, 1/2-5/8 Rod Dia Range	1	59701-	
101	BL-5-150-H	5/16-18 X 1 1/2 HEX CAP G5 ZC	1		

1108-11-1 Discharge Basket Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SPA-8200	Spacer, Discharge Basket, 290 Tomato Harvester	1		
2	SHD-8800	Top Sheild, Discharge Basket, 290 Harvester	1		
3	ADJ-8801	Adjuster Plate, Discharge Basket, 290 Harvester	1		
4	SHD-8802	Back Sheild, Discharge Basket, 290 Harvester	1		
5	ADJ-8802	Adjustment Plate, Discharge Basket, 290 Harvester	1		
6	ARM-8801	Angle, Discharge Basket, 290 Harvester	1		
7	ARM-8800	Angle, Discharge Basket, 290 Harvester	1		
8	SHD-8801	Front Sheild, Discharge Basket, 290 Harvester	1		
9	BT-8804	Belting, Discharge Basket, 290 Harvester	1		
10	PL-8803	Plastic Back, Discharge Bin, 290 Harvester	1		
11	BAR-0164	Electrical Bracket, HC 290	1		
12	BAR-0163	Formed Plate, Electrical Bracket, HC290	1		
13	BAR-0162	Electrical bracket, HC290	1		

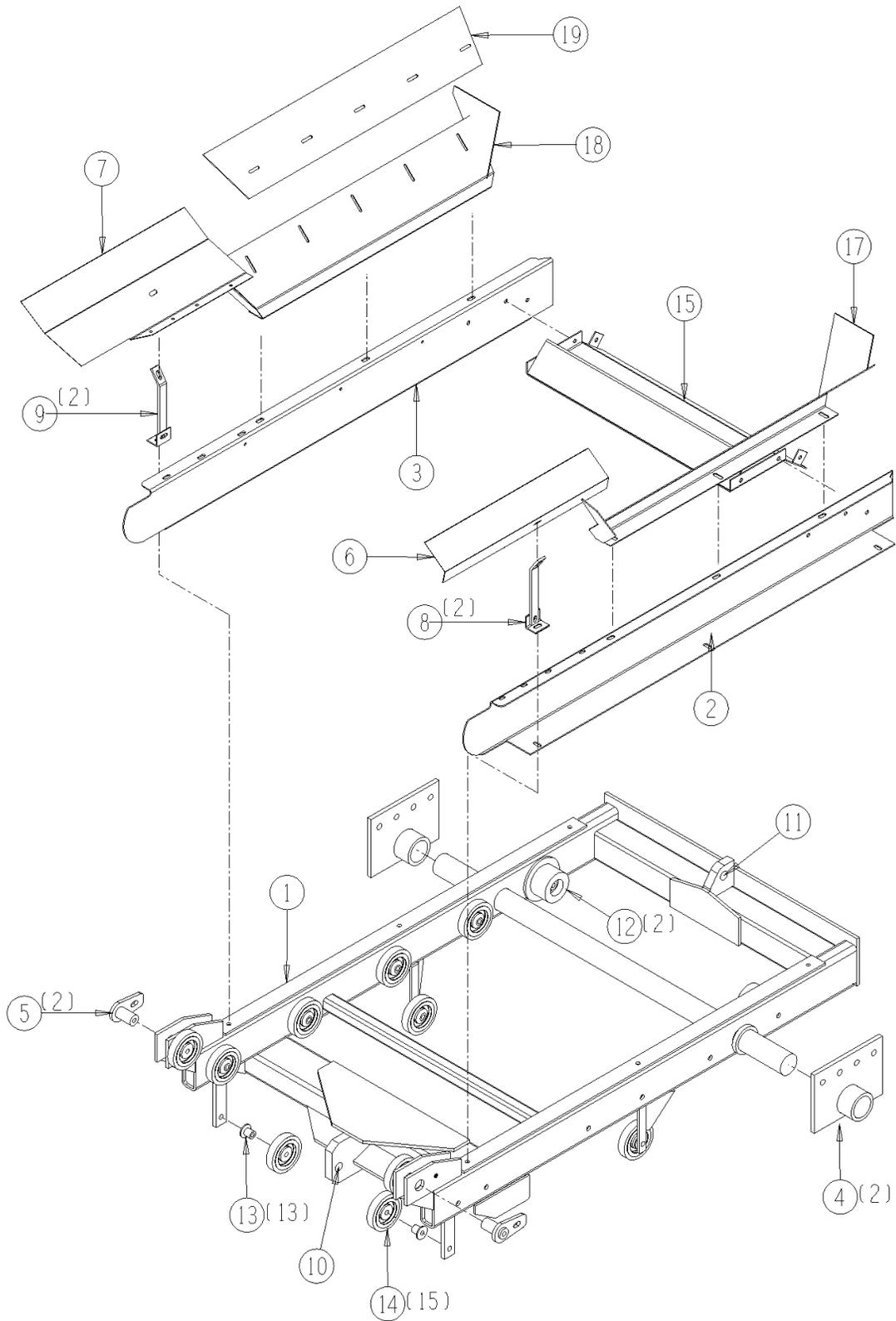
1108-11-1



1108-11-2 Inner Discharge Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FRM-8800	Frame, Inner Discharge, HC290 Tomato	1		
2	PAN-8800	Panel, Front, Inner Discharge, HC290 Tomato	1		
3	PAN-8801	Panel, Back, Inner Discharge, HC290 Tomato	1		
4	MOU-8800	Mount, Inner Discharge, HC290 Tomato	2		
5	PIN-8800	Pin, Inner Discharge, HC290 Tomato	2		
6	PAN-8802	Panel, Top, Front, Inner Discharge, HC290	1		
7	PAN-8803	Panel, Top, Back, Inner Discharge, HC290	1		
8	BRA-8800	Bracket, Panel Mount, Inner Discharge, HC290	2		
9	BAR-8801	Bar, Panel Support, Inner Discharge, HC290	2		
10	HC-350-0808	Hydraulic Cylinder 3 1/2" x 8" #8 SAE Ports	1		Seal kit for Lion, HC-350-125
11	HC-350-1608	Tie Rod Cylinder, 3 1/2" x 16", #8 SAE Port	1		
12	RLT-535-228	5" Flange Roller 2.2WF x 3 1/2" dia, 1/2" bore	2		
13	RLA-000-118	Standoff, 1/2" X 1 1/8"	13		
14	RLR-040-108	4" Flat Roller	15		Changed to Urethane in 2006
15	VLV-8800	Valve, Inner Discharge, HC290 Tomato	1		
16	DC-1174	Decal, Danger Keep Hands and Feet Away	1		
17	SHD-8803	Sheild, Discharge Basket, 290 Tomato Harvester	1	SHD-8803	
18	SHD-8804	Rear Sheild, Discharge Basket, 290 Harvester	1		
19	BT-8002	Belting, Discharge Basket, 290 Harvester	1		

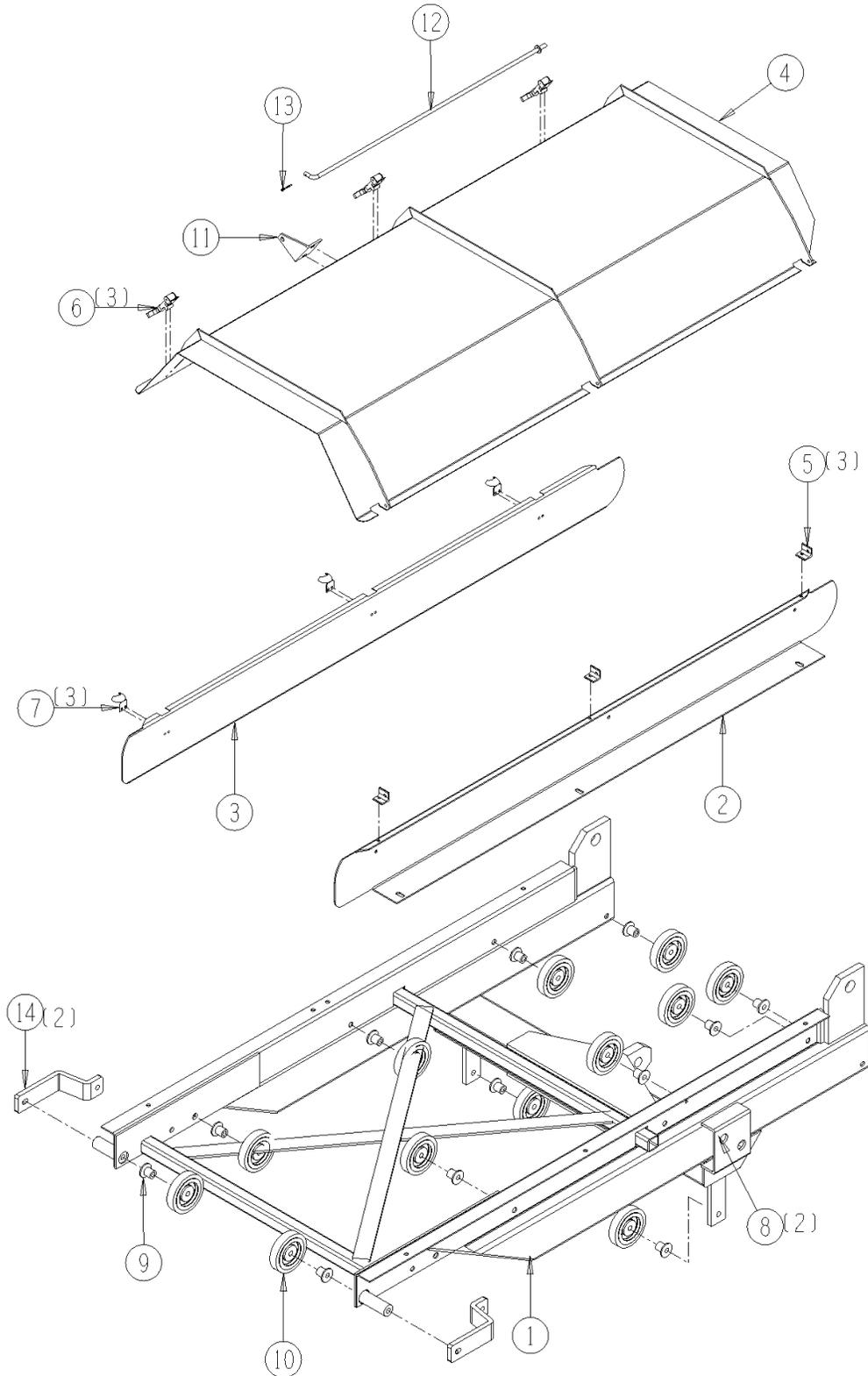
1108-11-2



1108-11-3 Middle Discharge Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	FRM-8810	Frame, Middle Discharge, High Cap. Tomato	1		
2	PAN-8818	Panel, Front, Middle Discharge, HC290 Tomato	1		
3	PAN-8819	Panel, Back, Middle Discharge, HC290 Tomato	1		
4	COV-8800	Cover, Middle Discharge, HC290 Tomato	1		
5	BRA-8801	Bracket, Panel Mount, Middle Discharge, HC290	3		
6	LA-703A	Large Rubber T Latch Assembly	3		
7	LA-703B	T Latch Keeper	3		
8	HC-200-2408	Hydraulic cylinder 2" x 24" #8 SAE Ports	2		Seal kit for Lion, HC-200-112
9	RLA-000-118	Standoff, 1/2" X 1 1/8"	12		
10	RLR-040-108	4" Flat Roller	12		Changed to Urethane in 2006
11	BRA-8802	Bracket for Cover Prop, Middle Discharge, HC290	1		
12	ADJ-8800	Adjuster, Cover Prop, Middle Discharge, HC290	1		
13	PIN-C2-16	Cotter Pin, 1/8" x 1"	1		
14	BAR-0114	Discharge Strap, Tomato Harvester	2		

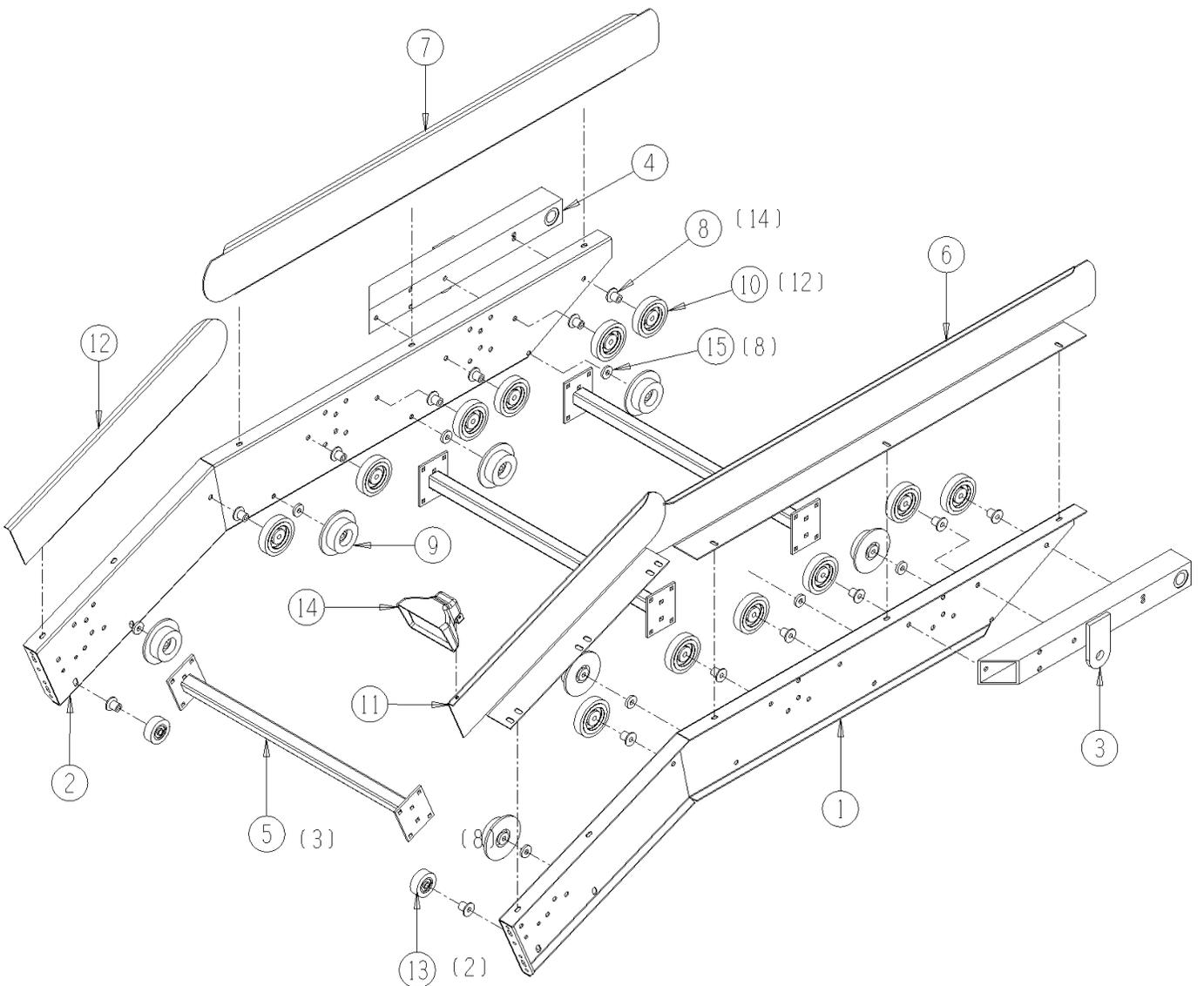
1108-11-3



1108-11-4 Outer Discharge Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8816	Panel, Front, Outer Discharge, HC290 Tomato	1		
2	PAN-8817	Panel, Rear, Outer Discharge, HC290 Tomato	1		
3	192-905	Cylinder Mount, Front Discharge	1	19201-	
4	192-906	Cylinder Mount, Rear Discharge	1	19201- 192-900K	
5	BAR-8800	Bar, Crss Mmbr, Outr Discharge, High Cap Tomato	3		
6	PAN-8820	Panel, Front, Outer Discharge, HC290 Tomato	1		
7	PAN-8821	Panel, Back, Outer Discharge, HC290 Tomato	1		
8	RLA-000-118	Standoff, 1/2" X 1 1/8"	14		
9	RLT-535-128	Narrow Flange Roller 1.2 WF 3.5 dia, 1/2" Bore	8		
10	RLR-040-108	4" Flat Roller	12		Changed to Urethane in 2006
11	PAN-8814	Panel, Top, Front, Discharge extension, HC290	1		
12	PAN-8815	Panel, Top, Back, Discharge extension, HC290	1		
13	RLT-027-108	Roller 2.75" dia. 1/2" Bore	2		2755C1X (Old Number, Single Bearing)
14	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	0		Replaces EL-1201
15	RLA-000-028	Washer/Spacer	8	11001-	

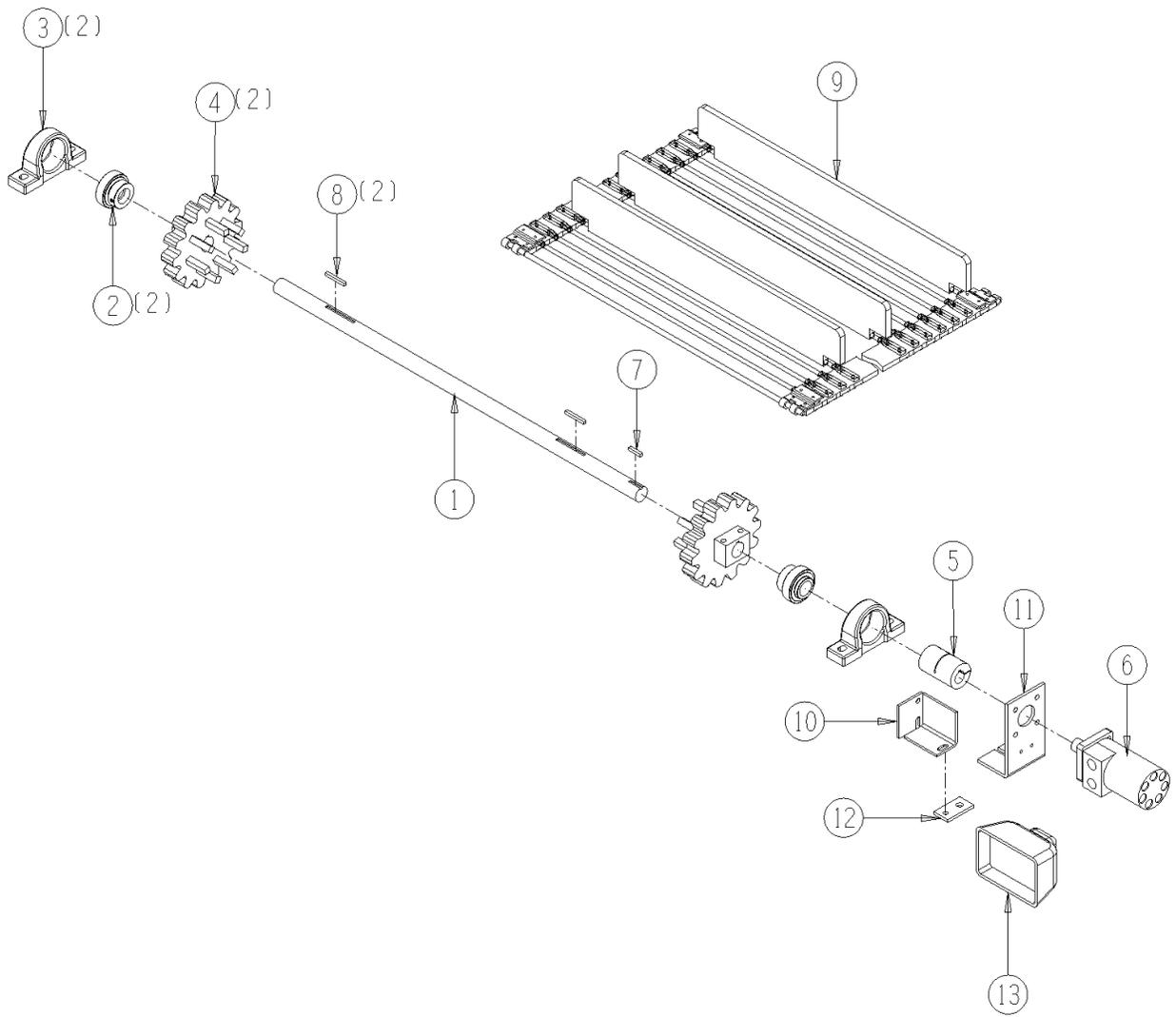
1108-11-4



1108-11-5 Discharge Drive Shaft Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	SFT-8800	Drive Shaft, Discharge, HC290 Tomato	1		
2	BR-125-072	Bearing, 1 1/4 Fafnir tri-seal, 72mm OD	2		
3	BR-072-RAK	Bearing Housing 72 mm	2		
4	SP-3614-20-4	Cast Sprocket 3614 1 1/4 bore 1/4 key	2		
5	CPS-6060	Steel Coupler (offcenter) 1 1/4" x 1"	1		
6	HM-210-TC	TCI Motor	1		Seal Kit # TCI-SKHPQ
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	BC-6-3236-319FL	Discharge Elevator, 3/8" Bars, 32" Wide x 319 Bars, 36mm Pitch	1		
10	193-915	Stop, Discharge Motor	1	19301-	
11	193-806	Mount motor	1		
12	BAR-1510	Bar, Light Holder	1		

1108-11-5



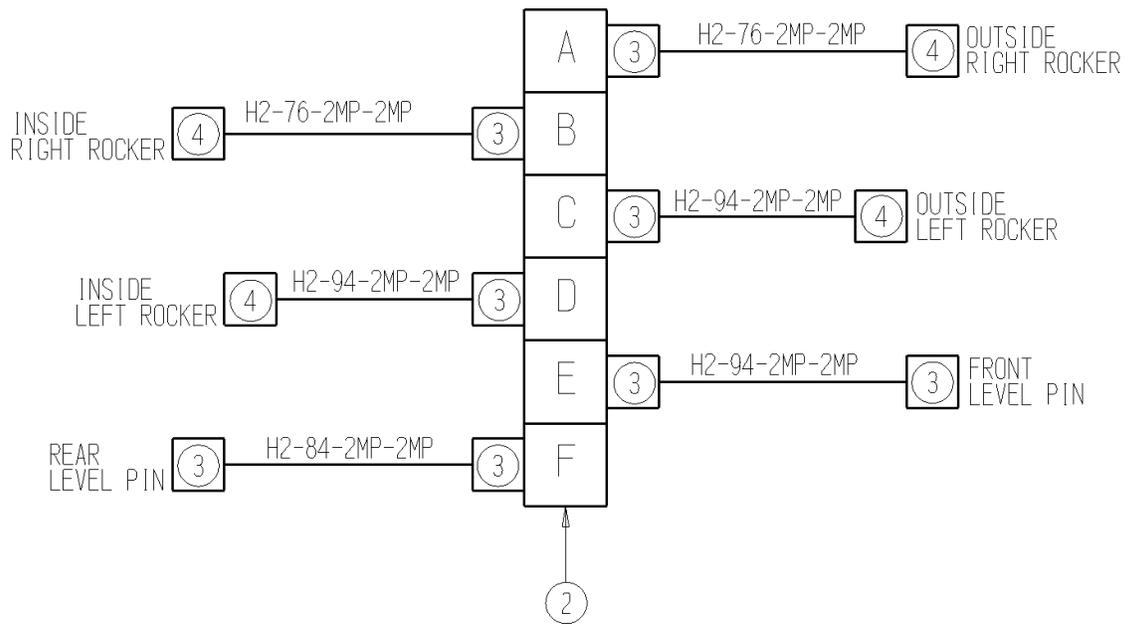
1108-12-1 Grease Banks, Axle & Header Pivot

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	H2-108-2MP-2MP	1/8in Hose x 1/8MP x 1/8MP x 108in	1		
0	H2-78-2MP-2MP	1/8 in Grease Hose 1/8MP x 1/8MP x 78in Long	1		
2	GF-6-6	Grease Bank Manifold	2		
3	A-1404-2-2	1/8 MP x 1/8 FPX	13		
4	A-1501-2-2	1/8" MP x 1/8" FPX90°	9		
5	H2-76-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 76 in long	3		
6	H2-94-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 94 in long	4		
7	H2-84-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 84 in long	1		
8	H2-72-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 72 in long	1		
9	DC-0010	Decal, Grease Every 10 hrs.	10		
10	DC-0050	Decal, Grease Every 50 hrs.	10		

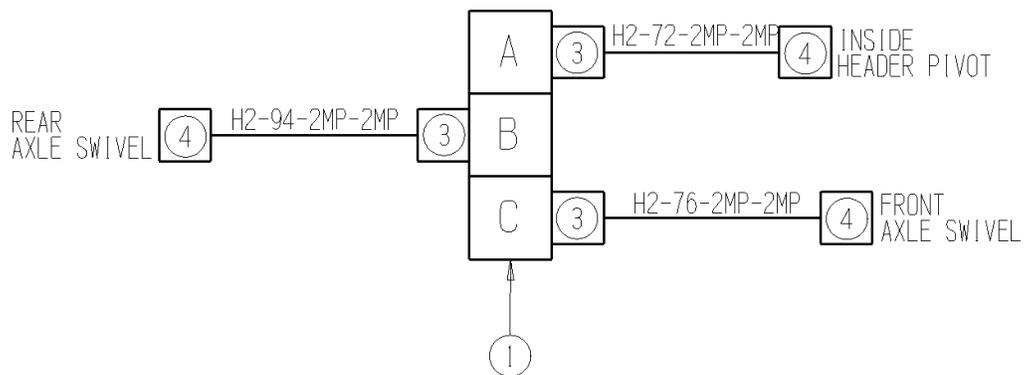
1108-12-1

NOTE: GREASE ALL LOCATIONS EVERY 10 HOURS

UNDER CARRIAGE BANK (ON FRAME AT CATWALK)



INSIDE HEADER PIVOT BANK



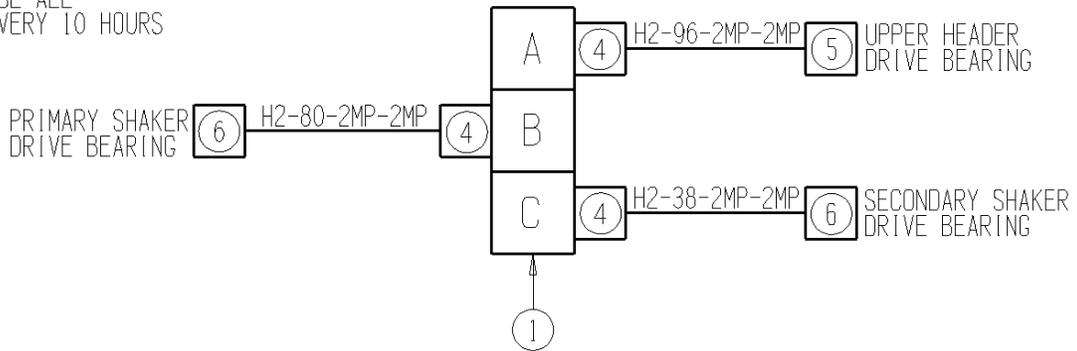
1108-12-2 Optional Grease Banks

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	GF-3-3	3" Grease Manifold	2		
2	GF-4-4	4" Grease Manifold	1		
3	GF-6-6	Grease Bank Manifold	2		
4	A-1404-2-2	1/8 MP x 1/8 FPX	22		
5	A-1503-2-2	1/8" MP x 1/8" FPX 45°	5		
6	A-1501-2-2	1/8" MP x 1/8" FPX90°	15		
7	H2-96-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 96 in long	1		
8	H2-38-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 38 in long	1		
9	H2-80-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 80 in long	1		
10	H2-189-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 189 in long	1		
11	H2-117-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 117 in long	1		
12	H2-82-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 82 in long	2		
13	H2-41-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 41 in long	1		
14	H2-135-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 135 in long	1		
15	H2-112-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 112 in long	2		
16	H2-92-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 92 in long	1		
17	H2-48-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 48 in long	1		
18	H2-16-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 16 in long	1		
19	H2-137-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 137 in long	1		
20	H2-79-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 79 in long	1		
21	H2-45-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 45 in long	1		
22	H2-210-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 210 in long	1		
23	H2-114-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 114 in long	1		
24	H2-174-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 174 in long	1		
25	H2-72-2MP-2MP	1/8 in grease hose 1/8MP x 1/8MP x 72 in long	1		

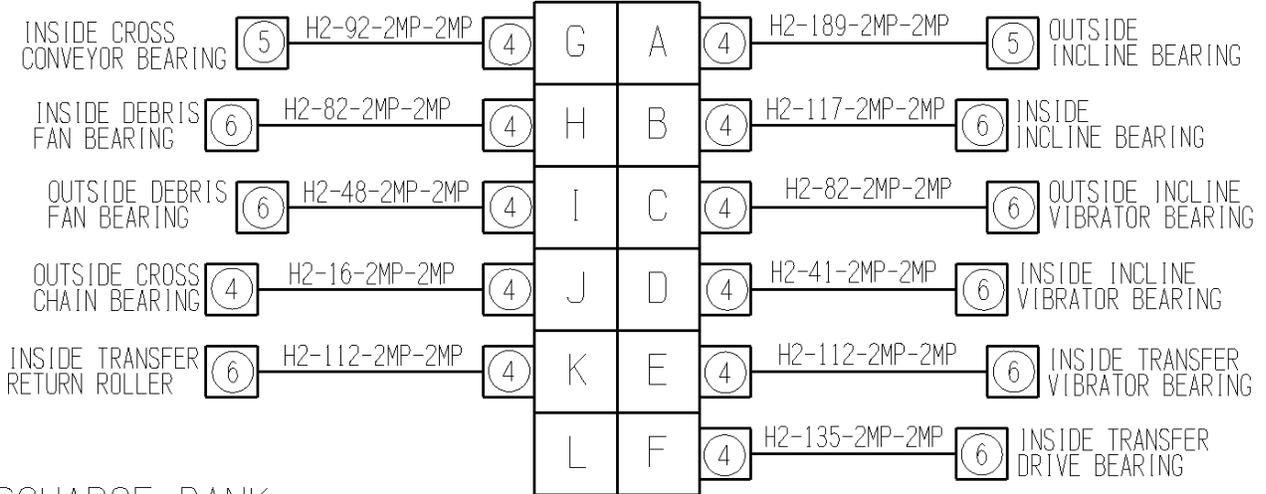
1108-12-2

NOTE: GREASE ALL LOCATIONS EVERY 10 HOURS

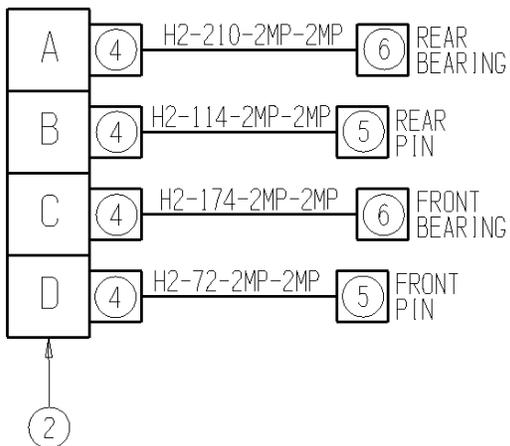
OUTSIDE SHAKER BANK



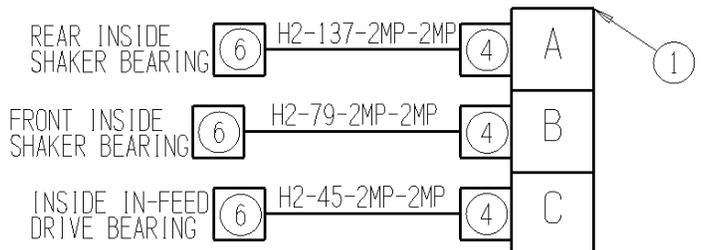
REAR GREASE BANK



DISCHARGE BANK



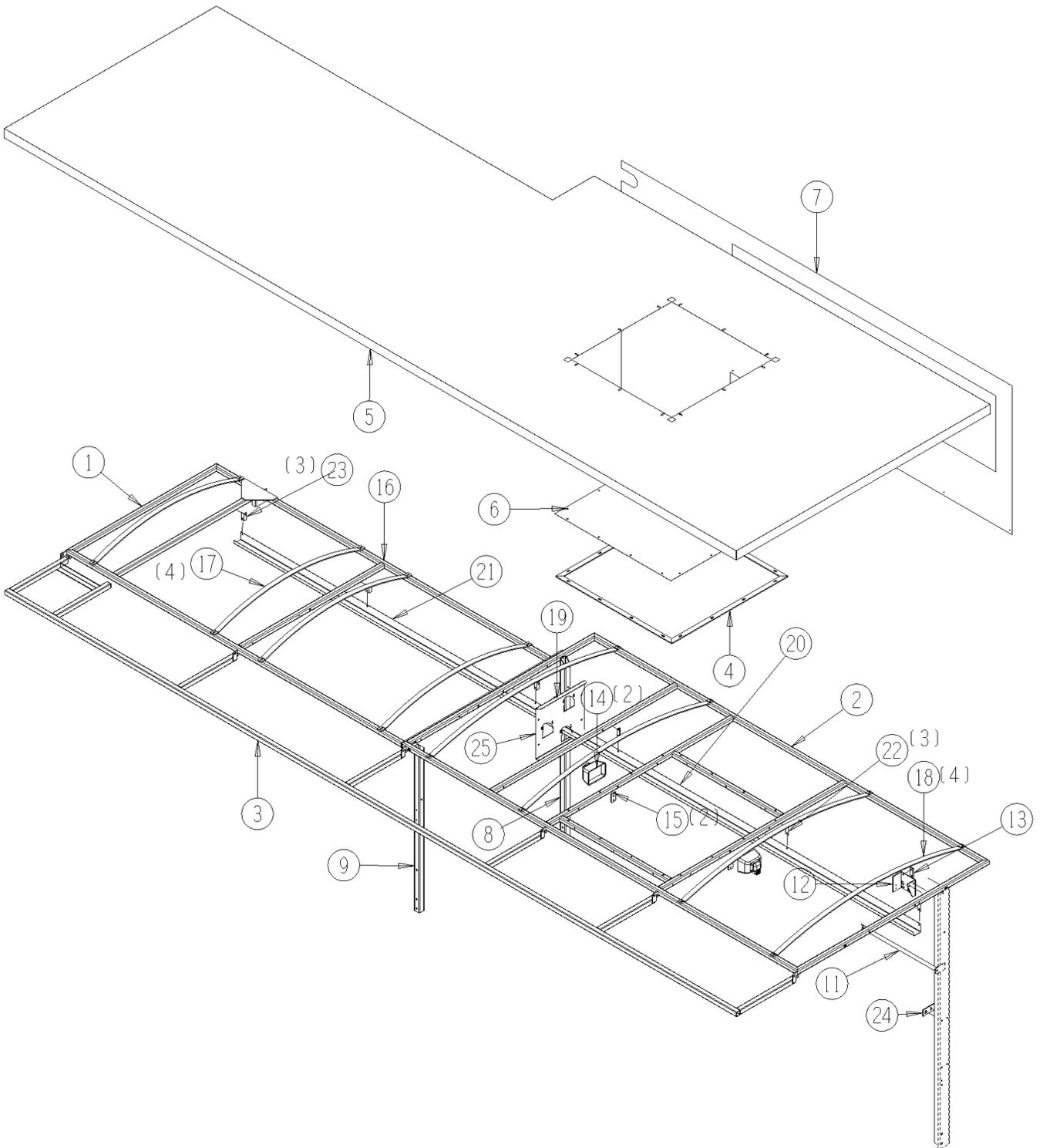
INSIDE CANOPY



1108-13-1 Standard Canopy Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	STRP-1050	10" Tarp Straps	10		
0	STRP-610	6" Tarp Strap (ea.)	10		
1	FRM-8002	Frame, Back Canopy, HC290 Tomato	1		
2	FRM-8003	Frame, Front Canopy, HC290 Tomato	1		
3	FRM-8001	Frame, Canopy Fold Out, HC290	1		
4	FRM-8104	Frame, Canopy Cover Holder, Opening, HC290	1		
5	TRP-8000	Tarp, Canopy Sorting Area, HC290 Tomato	1		
6	TRP-8001	Tarp, Fresh Air Fan Hole Cover, HC290	1		
7	TRP-8002	Tarp, Canopy Insd, Header Sorting Area, HC290	1		
9	POS-8101	Post, Outside Between Canopy Frm & Shaker Frm	1		
11	MOU-8750	Canopy Mounting Bracket, High Capacity Tomato	1		
12	195-1455	Horn Bracket	1	19501-	
13	195-1456	Horn Switch Bar	1	19501-	
14	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	0		Replaces EL-1201
15	BAR-1510	Bar, Light Holder	2		
16	TT-2771	Tarp Tracking, 16' Sections	0.75		
17	ARM-8001	Tarp Bows, Back Canopy Frame, HC290 Tomato	4		
18	ARM-8002	Tarp Bows, Front Canopy Frame, HC290 Tomato	4		
19	BAR-0084	Flat Bar, Channel Connector, HC290	1		
20	BRA-0132	J Channel, Canopy, HC290	1	BRA-0132	
21	BRA-0133	J Channel, Canopy, HC290	1		
22	BRA-0134	Angle Hanger, Channel, HC290	3		
23	BRA-0135	Angle Hanger, Channel, HC290	3		
24	BAR-8768	Flat Bar, Panel Mount, HC 290	1		
25	PAN-8203	Panel, Vib. Flow Controls, Shaker Frame, 290	1		

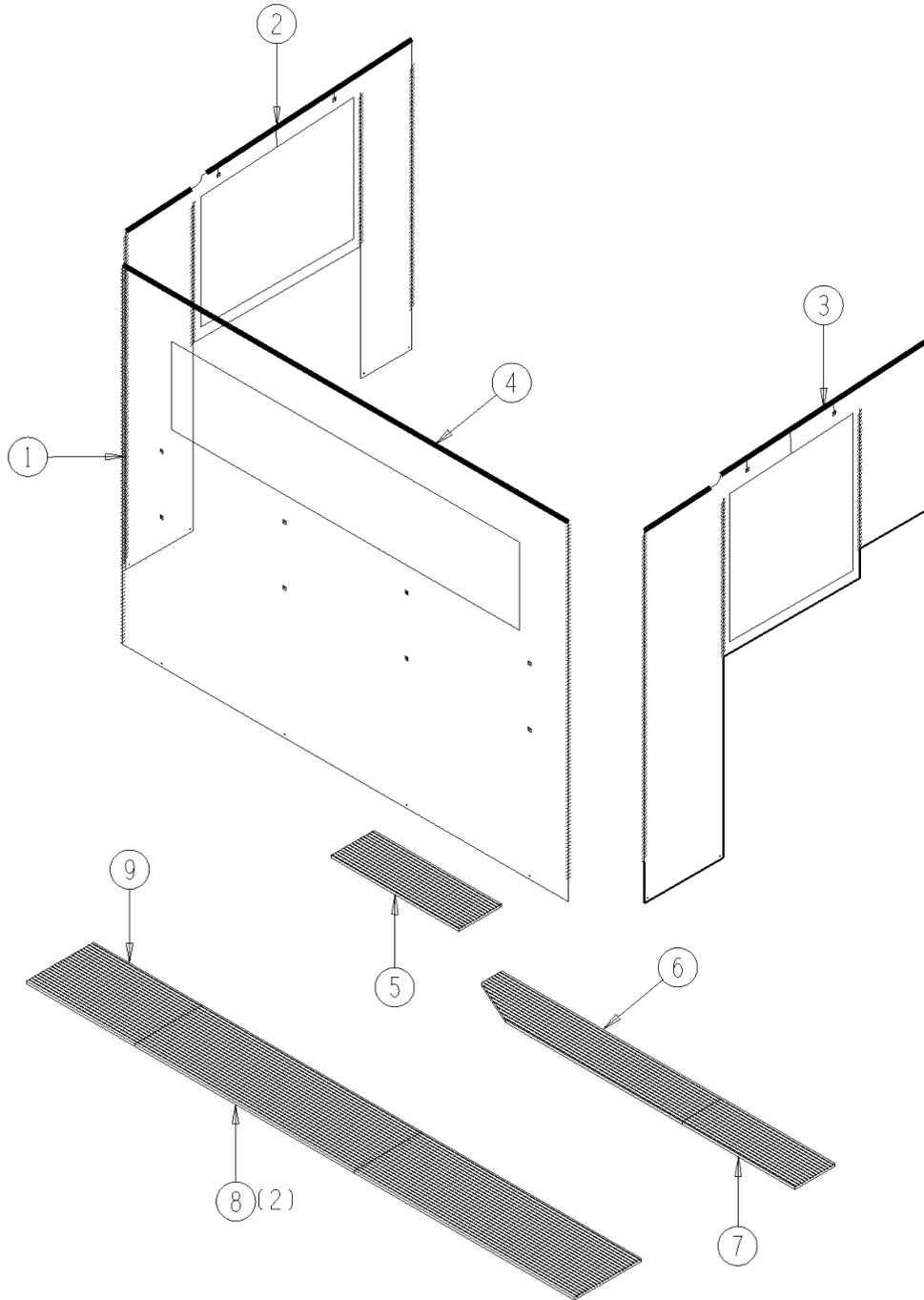
1108-13-1



1108-13-2 Optional Aftersort Enclosure Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	TRP-8003	Tarp, Canopy Outside, Sorting Area, HC290	1		
2	TRP-8007	Tarp, Canopy Back, Sorting Area, HC290	1		
3	TRP-8005	Tarp, Canopy Front, Sorting Area, HC290 Tomato	1		
4	TT-2771	Tarp Tracking, 16' Sections	1.6875		
5	CM-8100	Deck Mat, Inside, Back, Optional Decking, HC290	1		
6	CM-8101	Deck Mat, Inside Middle, Optional Decking, HC290	1		
7	CM-8102	Deck Mat, Inside, Front, Optional Decking, HC290	1		
8	CM-8103	Deck Mat, Outside, RH, Optional Decking, HC290	2		
9	CM-8104	Cow Mat, Outside, Back, Optional Decking, HC290	1		

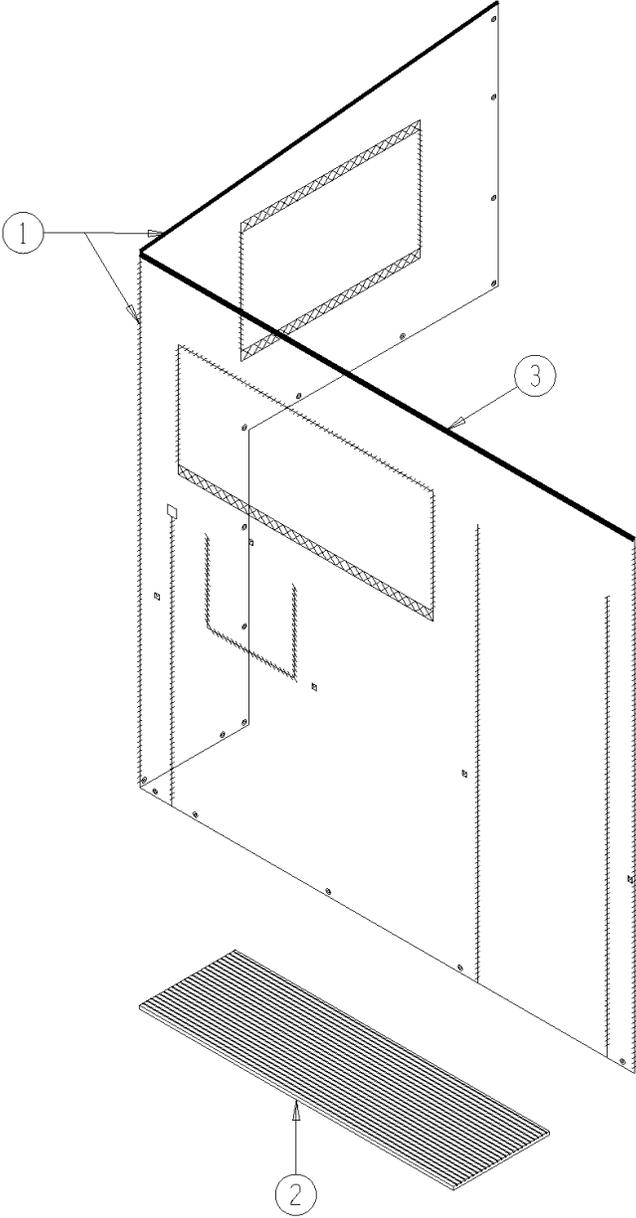
1108-13-2



1108-13-3 Optional Elevation Enclosure Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	TRP-8007	Tarp, Canopy Back, Sorting Area, HC290	-1		
1	TRP-8006	Tarp, Canopy Enclosure @ Elevation, HC 290	1		TRP-8006-R & TRP-8006-S make TRP-8006
2	CM-8103	Deck Mat, Outside, RH, Optional Decking, HC290	1		
3	TT-2771	Tarp Tracking, 16' Sections	1.5		
800	TRP-8006-R	Rear Panel for Elevation Canopy, HC 290	1	TRP-8006	
801	TRP-8006-S	Tarp, Side Panel Elevation Canopy, HC 290	1	TRP-8006	

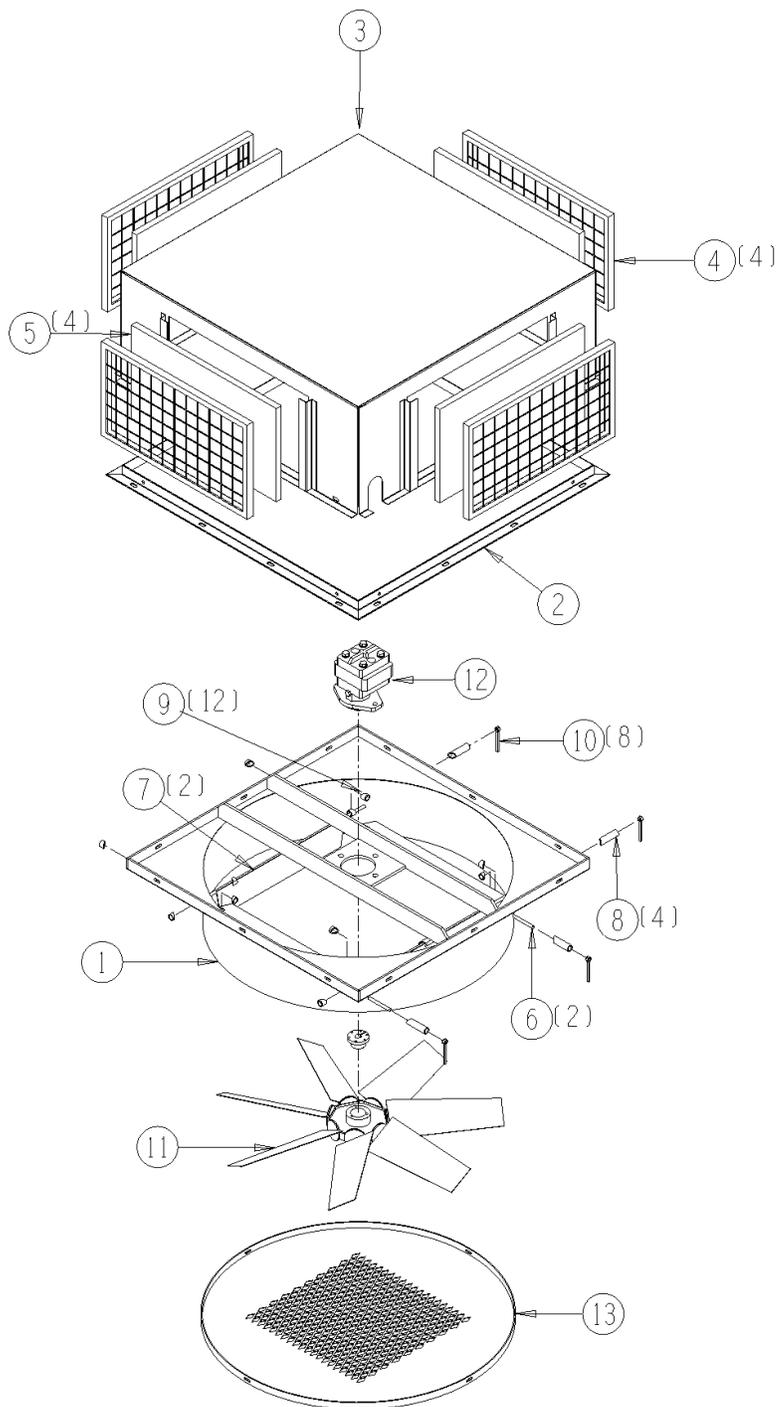
1108-13-3



1108-13-4 Opt. Aftersort Enclosure Fresh Air Fan Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	FRM-8104	Frame, Canopy Cover Holder, Opening, HC290	-1		
0	TRP-8001	Tarp, Fresh Air Fan Hole Cover, HC290	-1		
1	FAN-8100	Fan, Fresh Air Fan Housing, Canopy, HC290 Tomato	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, HC290	4		
9	SPA-8001	Spacer, Inside, Fresh Air Fan, HC290	12		
10	ARM-8000	Arm, Diffuser Outside, Fresh Air Fan, HC290	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	DC-1175	Decal, Danger, Rotating Blade Hazard	1		

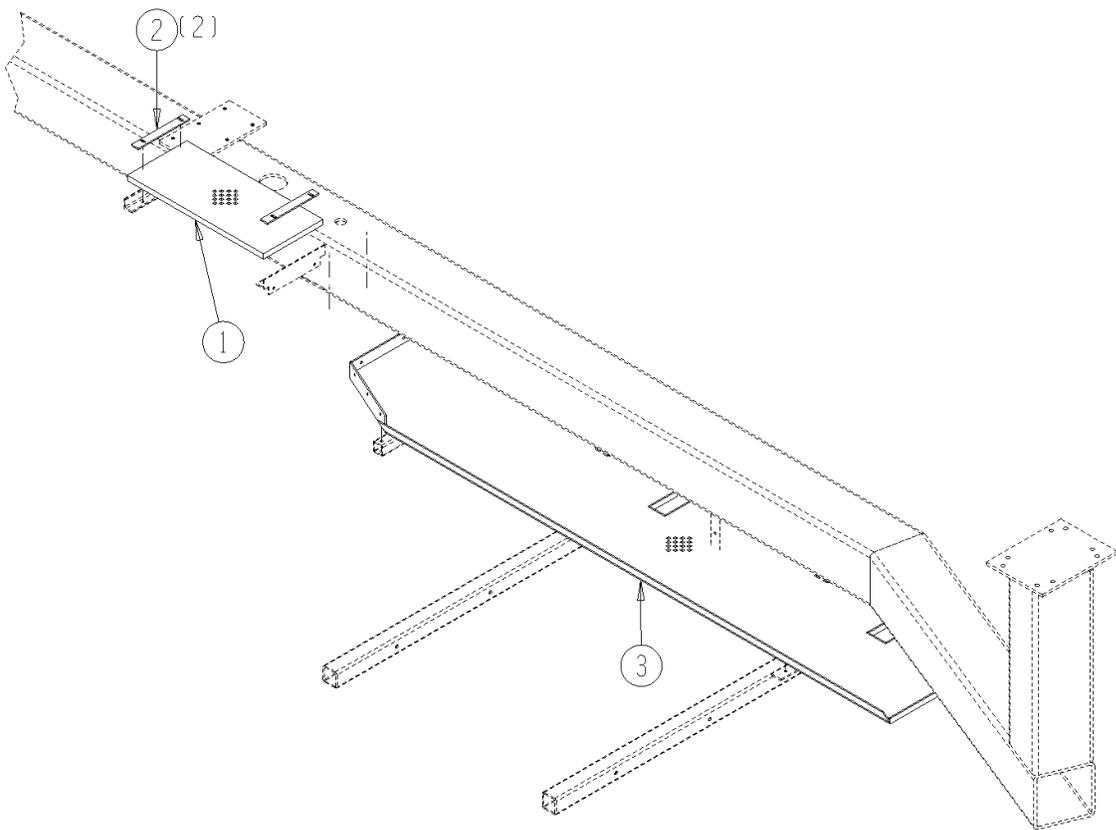
1108-13-4



1108-13-5 Inner Decking Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	STD-8103	Decking, Back, Top, Inner Decking, HC290	1		
2	BAR-8103	Decking Holder, Back, Inner Decking, HC290	2		
3	STD-8102	Decking, Bottom, Longest Inner Decking, HC290	1		
4	BAR-3861	Bar, Decking Holder, Elevation Deck Step	5	30098001-	
6	DC-1402B	Decal, "CAUTION Keep Locks in Place" (Deck Lock)	1		

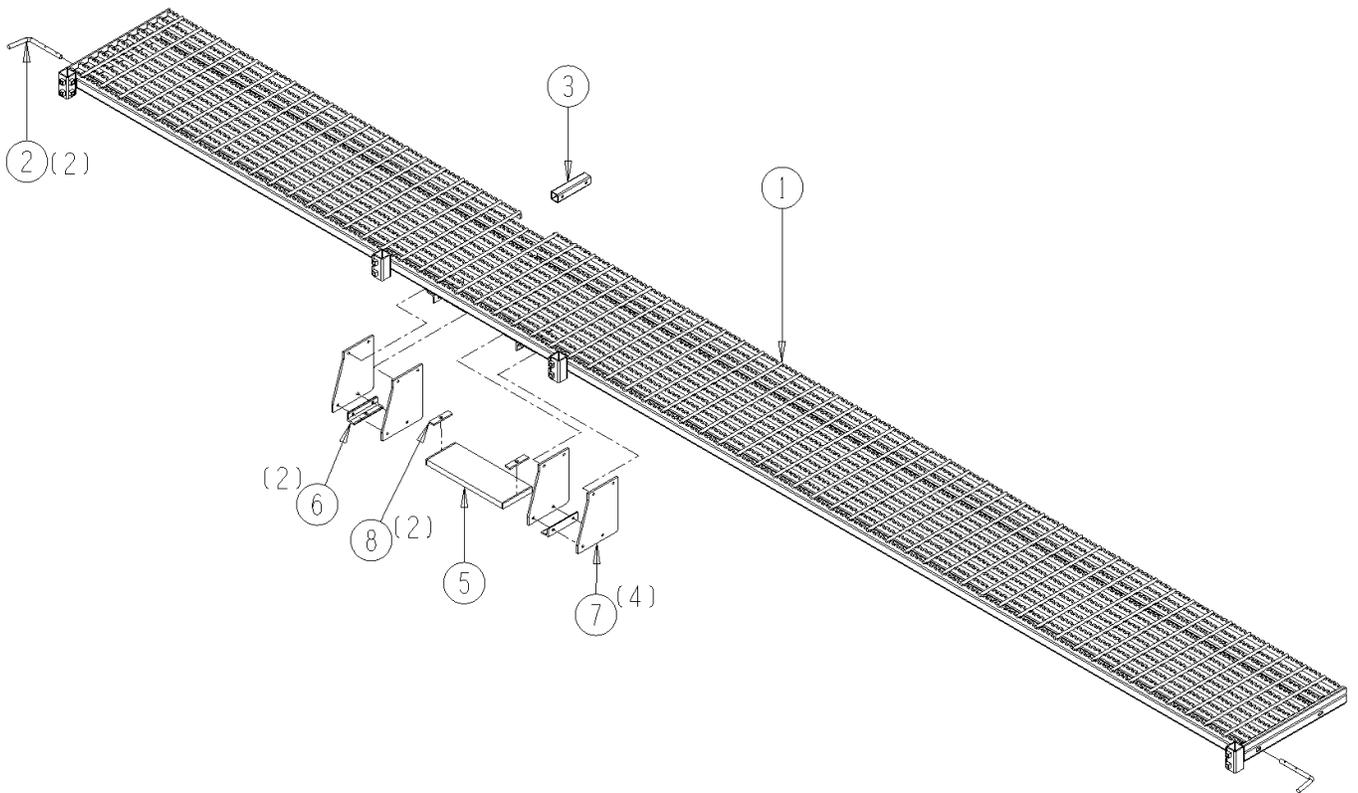
1108-13-5



1108-13-6 Outer Decking Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	STD-8104	Decking and Frame, RH, Under Canopy, HC290	1		
2	PIN-8104	Pin, Holder Outside Decking, HC290	2		
3	SUP-0109	Tube, Decking Support	1		
4	DC-1402B	Decal, "CAUTION Keep Locks in Place" (Deck Lock)	1		
5	STD-8111	Step Decking, Steel Decking, 290 Tomato	1		
6	BRA-8114	Angle, Bottom Flex Step, 290 Tomato	2		
7	BT-8103	Flex Step, 290 Tomato Harvester	4		
8	bar-8107	Flat Bar, Top Plate, Flex Step, HC290	2		

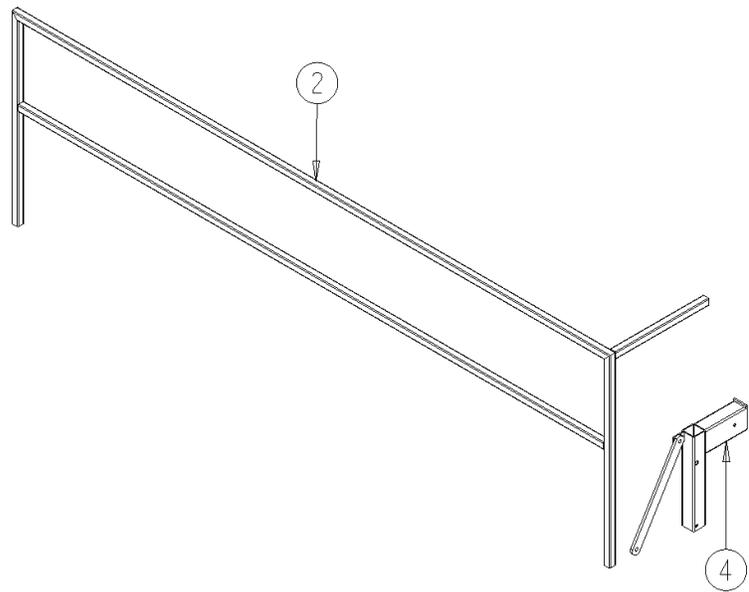
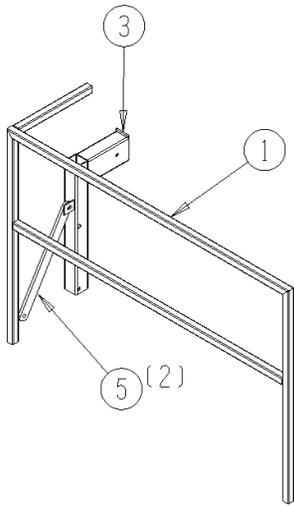
1108-13-6



1108-13-7 Outer Hand Rail Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	STD-8105	Stand, Back Hand Rail, HC290 Tomato	1		
2	STD-8106	Stand, Front Hand Rail, HC290 Tomato	1		
3	STD-8107	Stand, Handrail Mount, Back, Aftersort, HC290	1		
4	STD-8108	Stand, Handrial Mount, Front, Aftersort, HC290	1		
5	BAR-8104	Bar, Hand Rail Adjuster, HC290 Tomato	2		

1108-13-7

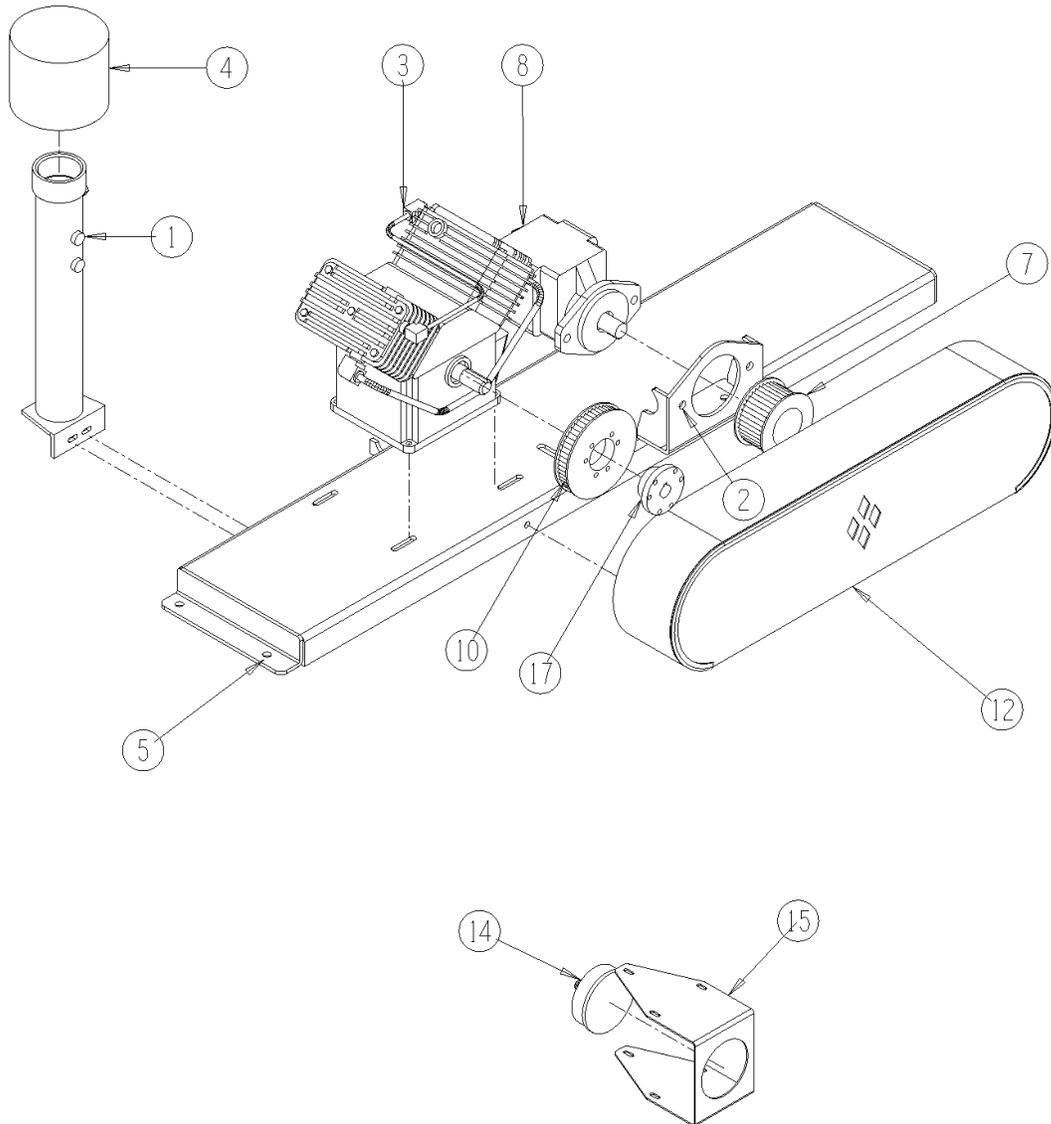


1108-14-1 Air Compressor Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	AIR-1355	Air Filter Monitor(15# H2O) with O-Ring fitting	2		
1	MOU-0088	Air Intake, Filter Mount	1		
2	MOU-0205	Motor Mount, Air Compressor, HC290	1		
3	AIR-1508	Air Compressor	1		
4	AIR-1510	2 ½" Air Filter	1		
5	MOU-0206	Compressor Mount, HC290 Tomato	1		
6	BT-960-8M-20	Shaker Drive Belt(20MM Wide)	2	19201-	Can not replace with BT-300H100 belts unless all the pulleys are changed.
7	PU-42-8M-30-2012	HTD Pulley	1		
8	HM-122	Motor, Hydraulic, 1-¾" Gear, #12 SAE Ports	1		
9	PU-2012-16	Taperloc Bushing - 1" Bore	1		
10	PU-80-8PTH-35-SF	Primary Weight Pulley, 35mm Wide, Panther Style	1		
11	AIR-0001	Synthetic Compressor Oil (ISO 100 SAE 40): 1 quart bottle	1		
12	SHD-0205	Pulley Shield, Air Compressor, 290 Tomato	1		
13	dc-1506b	Decal,White:AIR FILTER-CLEAN DAILY BLOW	1	11001-	
14	AIR-0002	4", 0-160 PSI Liquid Filled Gauge, Back-Mount with Bracket	1		
15	AIR-0003	Air, Gauge Mount, Header Cylinder Mount, 290	1		
17	PU-SDS-14-4	Bushing, SDS x 7/8" w/Spcl Keyway	2		
100	BL-5-150-H	5/16-18 X 1 1/2 HEX CAP G5 ZC	8		
101	BL-5-LN	5/16-18 HEX LN NE ZC	8		
102	BL-5-WS	5/16" SAE Washer	8		
103	BL-6-FW-8	3/8 FLAT WASHER, G8 ZC	14		
104	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	2		
105	BL-8-175-H	1/2-13 X 1 ¾ HEX CAP G5 ZC	1		
106	BL-8-FW	1/2 USS FW ZC	6		
107	BL-8-LN	1/2-13 HEX LOCK NUT NYLON INSERT ZC	3		
108	BL-8-425-H	1/2-13 X 4 1/4 HEX CAP G5 ZC	2		
109	BL-8-125-C	1/2 UNC X 1 1/4 CARRIAGE BOLT GR5 ZINC	2		
110	BL-8-N	1/2-13 HEX FIN NUTS ZC	4		
111	BL-8-LW	1/2 SPLIT LW ZC	3		
112	BL-8-250-T	1/2 - 13 X 2 1/2 TAP BOLT GR5 ZINC	1		
113	BL-8-175-C	1/2 UNC X 1 ¾ CARRIAGE BOLT GR5 ZINC	1		

114	BL-6-LW	3/8 SPLIT LW ZC	3
115	BL-6-N	3/8-16 HEX NUTS ZC	3
116	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	2
117	BL-4-700-H	1/4 X 20 X X 7 HEX CAP G5 ZC	3
118	BL-4-LN	1/4-20 HEX LN NE ZC	3
119	BL-6-400-ST	3/8-16 x 4 Grade 5 Full Threaded Stud	2
600	A-1405-8-8	1/2" NPT Coupler W/Swivel	2
601	A-1501-8-8	1/2 MP x 1/2 FPX90°	2
602	H12C-4-76	3/4" Suction Hose x 76"	1
603	H12C-4-80	3/4" Suction Hose x 80"	1
604	H10-42-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 42 in long	1
605	A-1603-8-8-8	Swivel T 1/2" NPTF	1

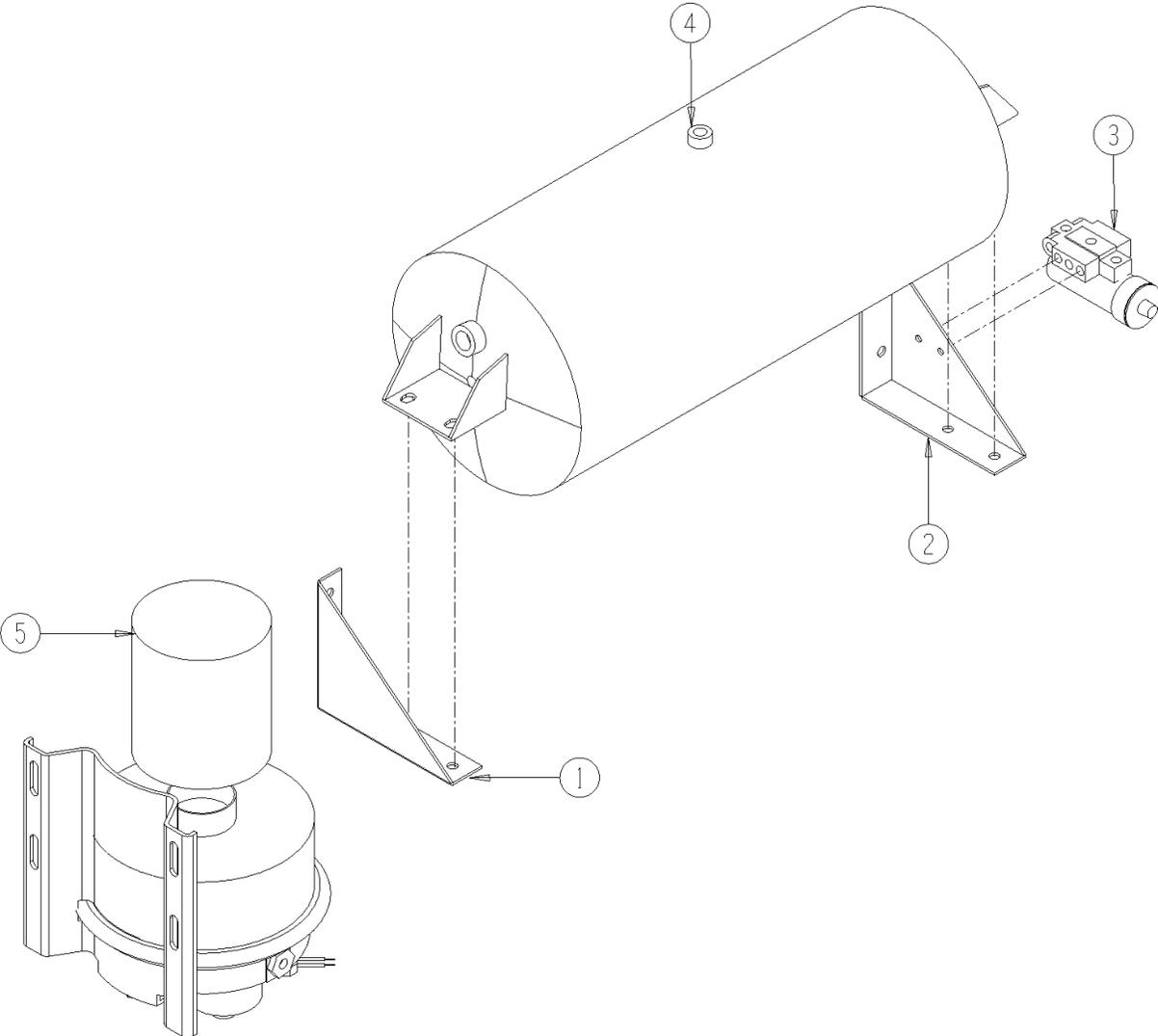
1108-14-1



1108-14-2 Air Tank & Dryer Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	194-1513A	Air Tank Bracket	1	19401-	
2	194-1513B	Bracket, Air Reservoir	1	19401-	
3	AIR-1512	Air Compressor Governor	1		
4	AIR-1513	Air Reservoir Tank	1		
5	AIR-1514-M	Air Dryer	1		Will replace 110-1514 with minor modifications

1108-14-2



1108-14-3 Air System Line & Component Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	A-1503-8-8	Elbow, 1/2" MP X 1/2" FPX45°	2		
2	A-2501L-10-8	5/8MJIC x 1/2MP(Long)90°	1	19701-	
3	A-4104-12-8	1/2 MP to 3/4 Hose Barb	8		
4	A-4121-10-10	5/8" Push Loc x 5/8" JIC Female	1		
5	A-4124-10-8	1/2 Male Pipe x 5/8 Push Loc	3		
6	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	1		
7	A-5500-4	1/4" 90° Male Pipe Elbow	1		
8	A-5504-4	1/4" Pipe Elbow	1		
9	H10-23-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 23" long	1		
10	A-1405-8-8	1/2" NPT Coupler W/Swivel	4		
11	AB-12-4	3/4 x 1/4 Bushing	2		
12	A-1501-4-4	1/4" MP x 1/4" FPX90°	1		
13	H4-0	1/4"Hydraulic Hose @ft	0		Standard Reel Length - 450'
13	H4-4MP	1/4" Hose End x 1/4" Male Pipe	2		
14	AIR-375-25F	Air Coupler 3/8 Body - 1/4NPT Female Thread	1		
15	AIR-N4-2	Auto-loc Male Adapter 1/4 x 1/8 NPT	1		
16	AIR-N4-138	1/4" Air Line x 138" Long	1		
17	AIR-N4-4	Auto-loc Male Adapter 1/4 n-1/4NPT	1		
18	air-n4-53	1/4" Air Line 53" Long	2		
19	AIR-NL4-2	Auto-loc Elbow 1/4 - 1/8 NPT	3		
20	CL-1208	Hose Clamp, Size 12 - 3/4-1 1/8	4		
21	A-5602-8	Run Tee 1/2" NPT	1		
22	AP-8	1/2" Pipe Plug	1		
23	AB-8-4	1/2 x 1/4 Bushing	1		
24	AIR-NL-4-4	Auto-loc Elbow 1/4 n 1/4 NPT	1		
25	A-1501-8-8	1/2 MP x 1/2 FPX90°	4		
26	HSST-72-8-8	SS Braid Hose with Teflon Core 1/2" x 72"	1		
27	h10-pl-115	5/8" Push-Loc Hose x 115" Long	1		
28	h10-pl-26	5/8" Push Loc Hose 26"	1		
29	AN-8-1152	1/2" NPT x 6' Nipple Schedule 40	2		
30	H12C-4-25	3/4" Suction Hose x 25" Long	2		
31	AIR-60BI	Brass Insert, 1/4" Nylon Tube	1		
32	A-4104-10-6	3/8 MP to 5/8 Hose Barb	1		
33	SRT-1579	3/8" Ball Valve	1		

34	A-5404-6-6	Hex Nipple, 3/8" x 3/8"	1
35	A-1501-6-6	3/8" MP x 3/8" FPX90°	1
36	H12C-4-30	3/4" Suction Hose x 30" Long	2
37	HSST-45-8-8	SS Braid Hose with Teflon Core 1/2" X 45"	1
38	AIR-60BT-2-4-4	Male Branch Tee, 1/8" NPTF x 1/4" Tube OD, Compression Fitting	1
39	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1
40	H10-72-8MP-8MP	5/8 in. hose 1/2 x 1/2 x 72 in long	2
41	H10-PL-18	5/8" Push Loc Hose 18" Long	1
42	AIR-N4-16	1/4" Air Line x 16" Long	1

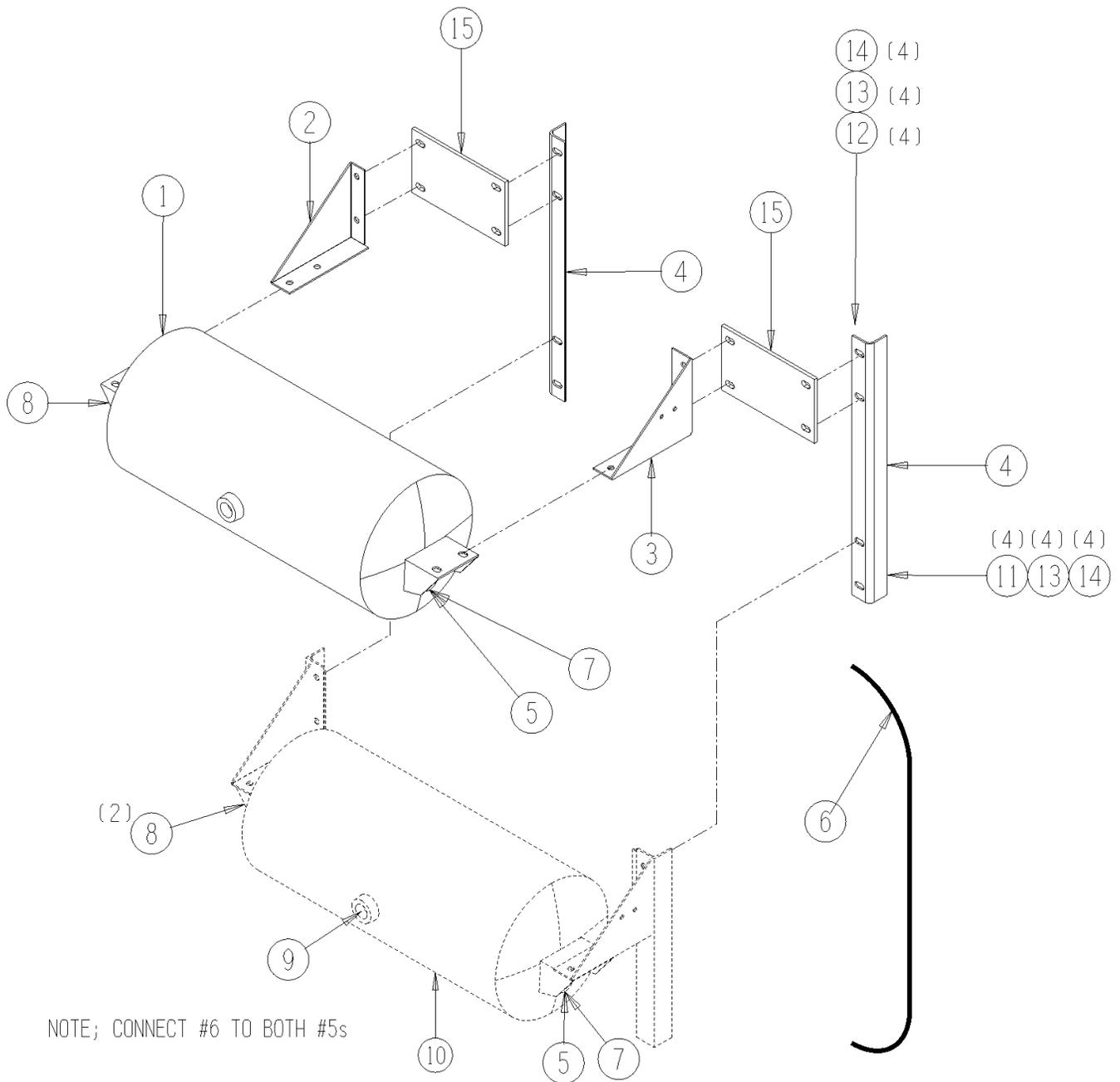
1108-14-5 Optional Additional Air Tank Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	KIT-0201	2nd Air Tank Kit 290	1	KIT-0201	

KIT-0201 2nd Air Tank Kit 290

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	AIR-1513	Air Reservoir Tank	1		
2	194-1513A	Air Tank Bracket	1	19401-	
3	194-1513B	Bracket, Air Reservoir	1	19401-	
4	BRA-0201	Bracket,2nd Air Tank	2	BRA-0201	
5	A-4124-10-8	1/2 Male Pipe x 5/8 Push Loc	2		
6	H10-PL	5/8" Push Loc Hose @ ft.	2		
7	CL-1208	Hose Clamp, Size 12 - 3/4-1 1/8	2		
8	AP-8	1/2" Pipe Plug	2		
9	AP-12	3/4" NPT Plug	2		
10	AP-4	1/4 MIP plug	1		
11	BL-6-150-H	3/8-16 X 1 1/2 HEX CAP G5 ZC	4		
12	BL-6-125-H	3/8-16 X 1 1/4 HHCS G5 ZC	4		
13	BL-6-FW	3/8 USS FW ZC	8		
14	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	8		
15	MOU-0085	Mount, Air Compressor Relocation, 290	2		

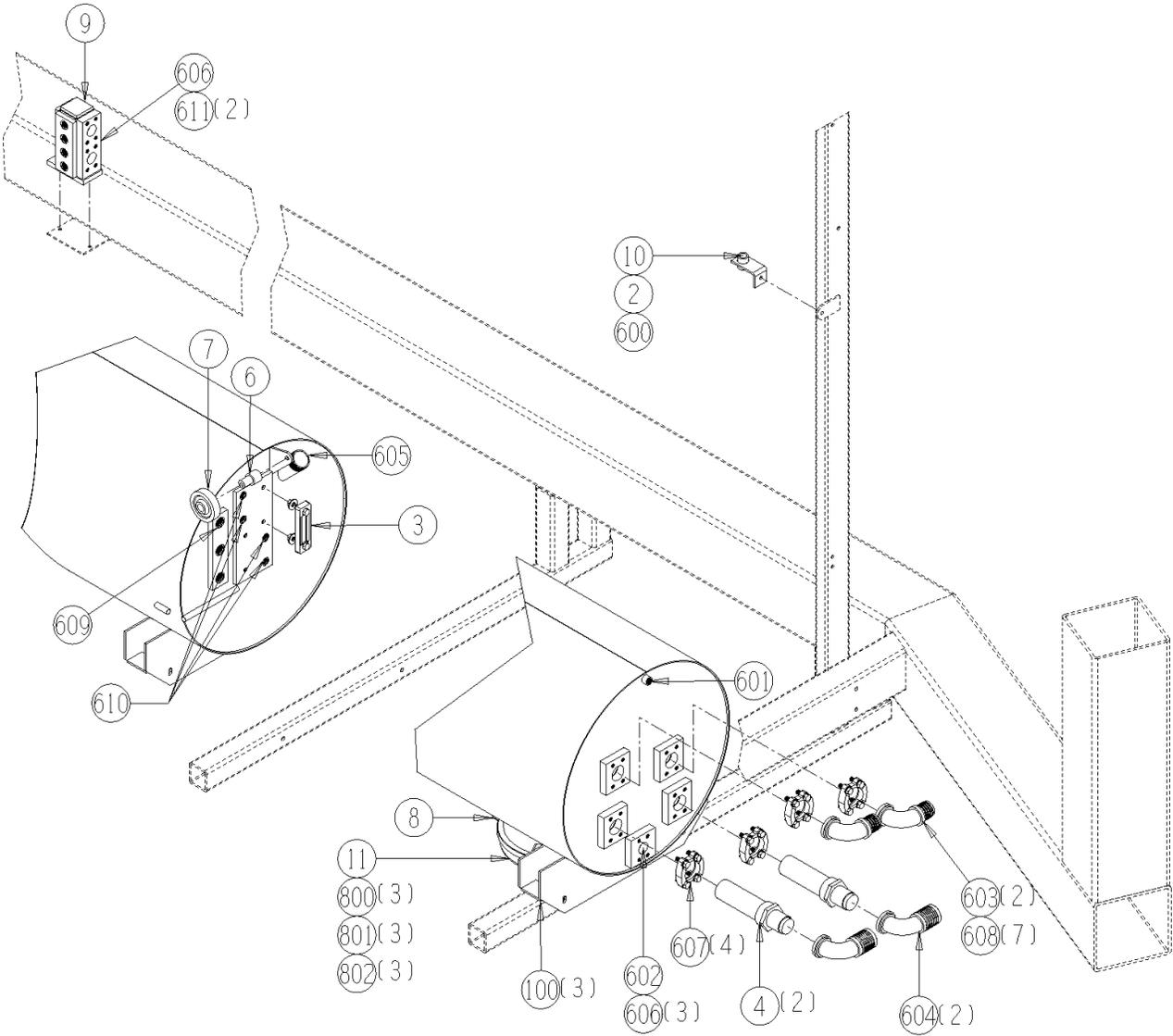
1108-14-5



1108-15-1 Oil Tank Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	HP-1031	Hydraulic oil (per gal.)	175		ISO grade 46 with anti-wear and anti-foam properties. Harvesters, Approx. 140 gal
0	MWA-21N	Zinc Plated Wingnut, 5/8	-3		
2	HA-1012	Vescor Breather Filter (3 micron)w/Adapter Fitting	1		
3	HA-1041	Hyd, Level Gauge & Therm	2	19201-	
4	HA-2002	Hydraulic Suction Screen, 2 1/2"	2		
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	TAN-8008	Tank,Oil Reservoir,HC 290(Single Oil Cooler Sys)	1		
9	TAN-8103	Tank,Oil Return Manifold, HC 290 (Single Cooler)	1		
10	BRA-8755	Bracket, Mount, Air Breather Filter, HC290 Tomato	1		
11	DC-1008	Decal, Yellow, Tank Capacity: 140 Gal., ISO Grade 46 Hyd. Oil, Tom.	1	19801-	
12	ELS-02008	Temperature Switch	1		
100	BL-10-LN	5/8-11 HEX LN NE ZC	3		
600	A-4129-10-8	1/2 NPT 90° w/ 5/8" push-loc	1		
601	AN-12-10-HSB	¾" NPT, Combination Nipple/Hose Shank, 5/8" Hose, Brass	1		
602	A-4459-24-24	Flange Nipple, 1 1/2" 90°	1		
603	A-4459-32-32	Flange Nipple, 2" 90°	1		
604	A-4459-40-32	Flange Nipple, 2-1/2" barb x 2 flange" 90°	2		
605	ACP-32	2" Black Pipe Cap	1		
606	A-SFK-24	1 1/2" Split Flange Kit	3		
607	A-SFK-32	2" Split Flange Kit	4		
608	H10-PL	5/8" Push Loc Hose @ ft.	7		
609	A-6408-12	12 SAE Plug	1		
610	A-6408-8	8 SAE Plug	4		
611	A-4450-24-24	Suction Flange Nipple, 1 1/2"	2		
800	mwa-21b	5/8" x 5" Zinc Plated Eyebolt	3		
801	MWA-21P	Zinc Plated Clevis Pin	3		
802	MWA-21R	Roll Pin	3		
803	A-6901-12-12	12 SAE x ¾" FPX 90°, Forged	0		

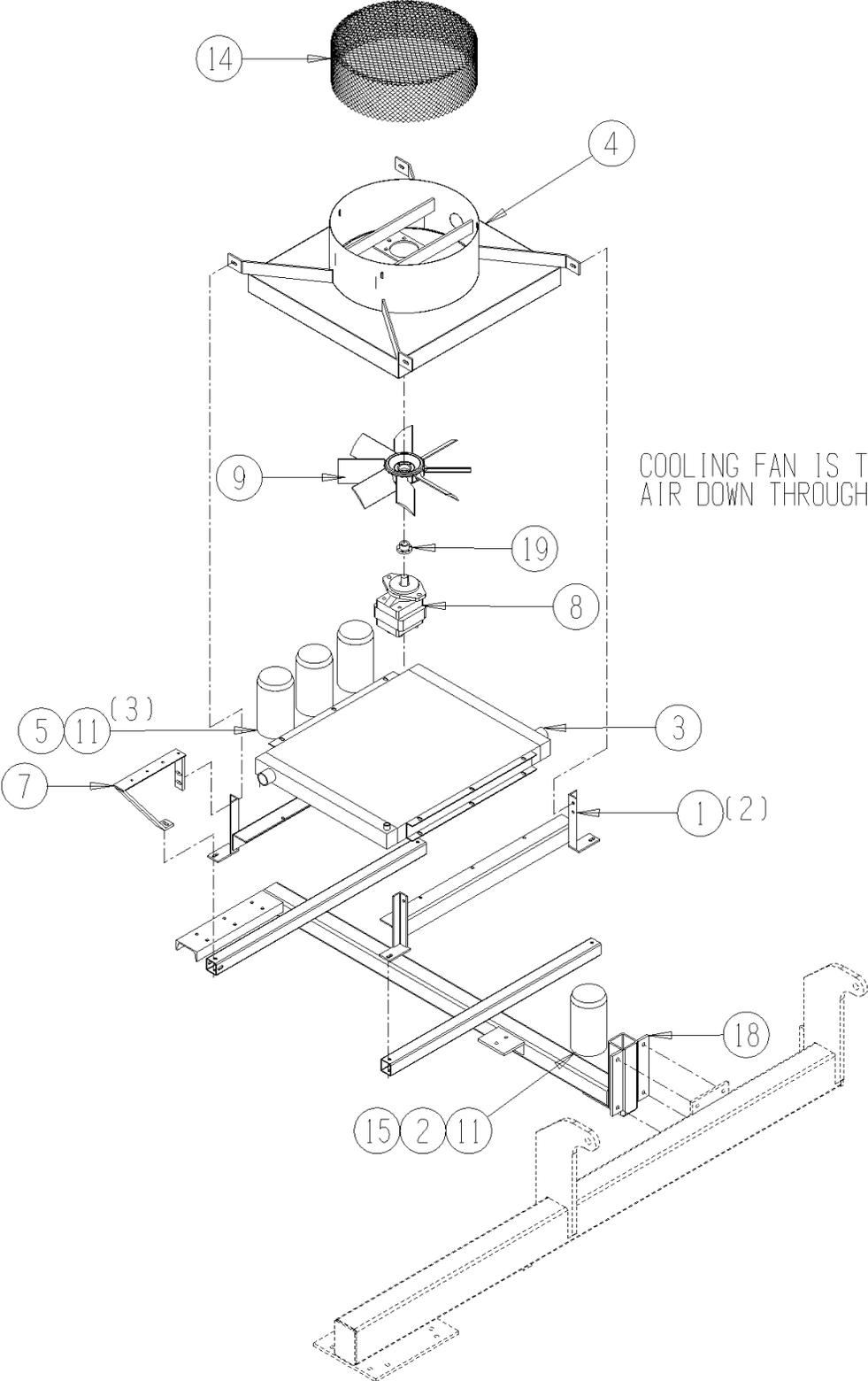
1108-15-1



1108-15-2 Oil Cooler & Filter Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	MOU-0207	Mount, Oil CoolerSupport	2		
2	HA-130	Hydraulic Oil Filter Base	1		
3	HA-1021	Oil Cooler w/SAE#24 Ports	1		
4	SHD-0206	Oil Cooler	1		
5	HA-1039	Triple Filter Head , inlet/outlet on ends	1		
7	BRA-8250	Flow Contrl Mnt, Oil Cooler & Filter Mnt, HC290	1		
8	HM-412C	Hydraulic Motor	1	19101	Replaces 191-412 RP: HM-0381, HM-1801, HM- 2585, HM-2686, HM-412B
9	FAN-290-18	HC 290 Oil Cooler Fan, 18" w/o JA Bushing/Rev	1		Replaces FAN-190-18 & HA- 1019-G
11	HA-1029	Hydraulic Fluid Filter, 11"	4		
14	191-1082	Shield, Cooling Fan	1		
15	HA-1023A	Filter Gage	1		
17	DC-1175	Decal, Danger, Rotating Blade Hazard	1		
18	FRM-8252	Bolt-on Cyl. Mnt Frm,Single Oil Cooler/Filter Mnt,	1		
19	PU-JA-14	JA Bushing, 7/8 bore, 1/4 keyway	1		

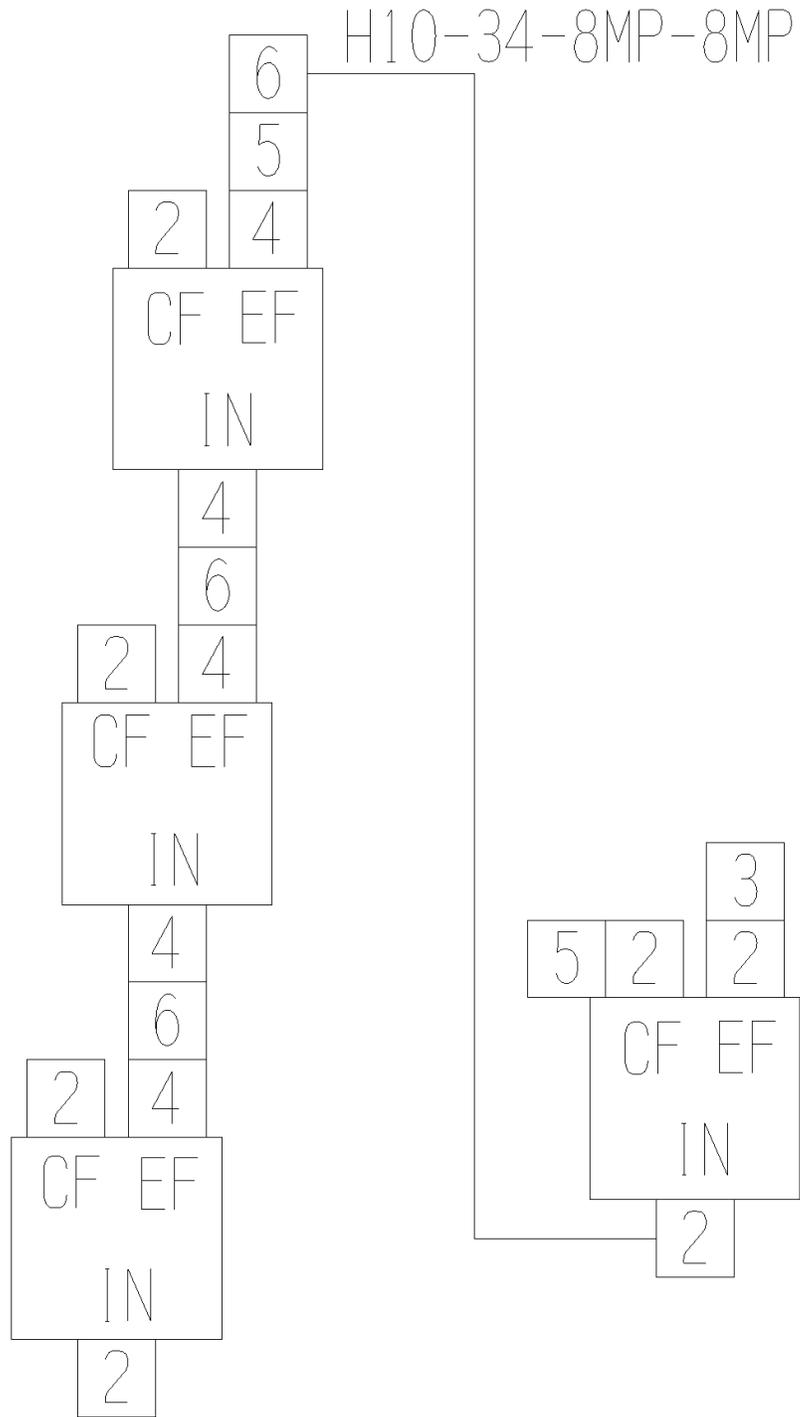
1108-15-2



1108-15-3 Optional Shaker Rotation Valve Section Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	HA-1090K	Fine Tune Speed Control Kit	2	Prince & Brand Flow Controls	All
1	HV-FL16	Flow control valve 16GPM	4		
2	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	7		
3	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
4	A-6401-10-8	10 SAE x 1/2 MPT Male	5		
5	A-1501-8-8	1/2 MP x 1/2 FPX90°	2		
6	A-1603-8-8-8	Swivel T 1/2" NPTF	3		
7	H10-34-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 34 in long	1		

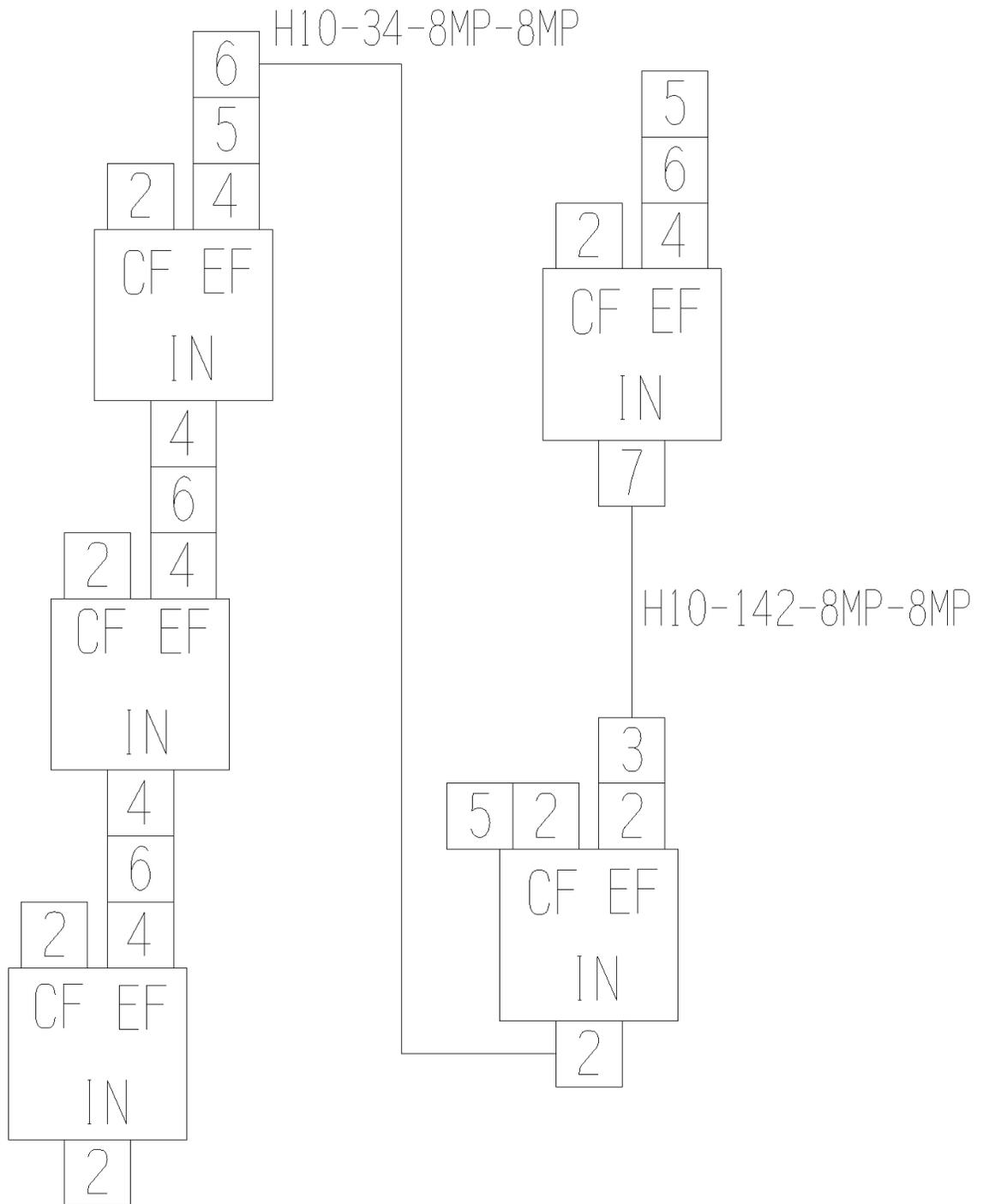
1108-15-3



1108-15-4 Shaker Rot. Valve Sect. Assembly w/Fresh Air Fan

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	HA-1090K	Fine Tune Speed Control Kit	2	Prince & Brand Flow Controls	All
1	HV-FL16	Flow control valve 16GPM	5		
2	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	8		
3	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
4	A-6401-10-8	10 SAE x 1/2 MPT Male	6		
5	A-1501-8-8	1/2 MP x 1/2 FPX90°	3		
6	A-1603-8-8-8	Swivel T 1/2" NPTF	4		
7	A-6902-10-8	10 SAE X 1/2" FPX 45°	1		
8	H10-34-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 34 in long	1		
9	H10-142-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 142" long	1		

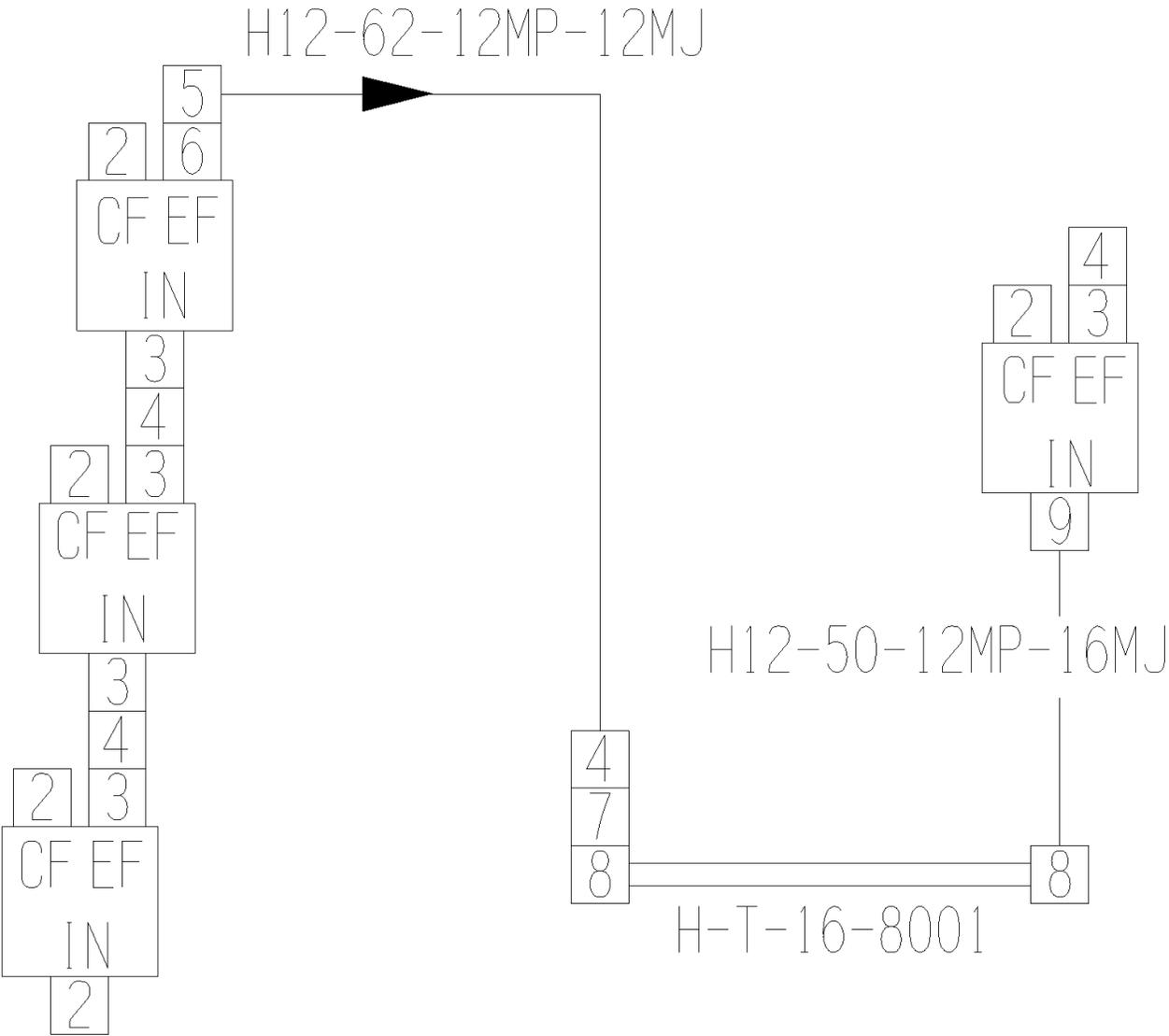
1108-15-4



1108-15-5 Shaker Wgt & Header Vib. Valve Section Assem.

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	4		
2	A-6901-12-12	12 SAE x 3/4" FPX 90°, Forged	5		
3	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	5		
4	A-1603-12-12	Swivel T 3/4" NPTF	3		
5	A-1501-12-12	3/4MP x 3/4 FPX 90°	1		
6	A-6900-12-12	12 SAE x 3/4"FPX	1		
7	A-2404-16-12	1" MJIC X 3/4" MP	1		
8	HW-16	#16 OD Washer for Hydraulic Tube/Hose	2		
9	A-6902-12-12	12 SAE X 3/4" FPX 45°	1		
10	H12-62-12MP-12MP	3/4 in. hose 3/4MP x 3/4MP x 62 in long	1		
11	H12-50-12MP-16MJ	3/4 in hose 3/4MP x 1MJIC x 50 in long	1		
12	H-T-16-8001	Hyd. Tube, 1" Stainless, Shaker Area, HC 290	1		

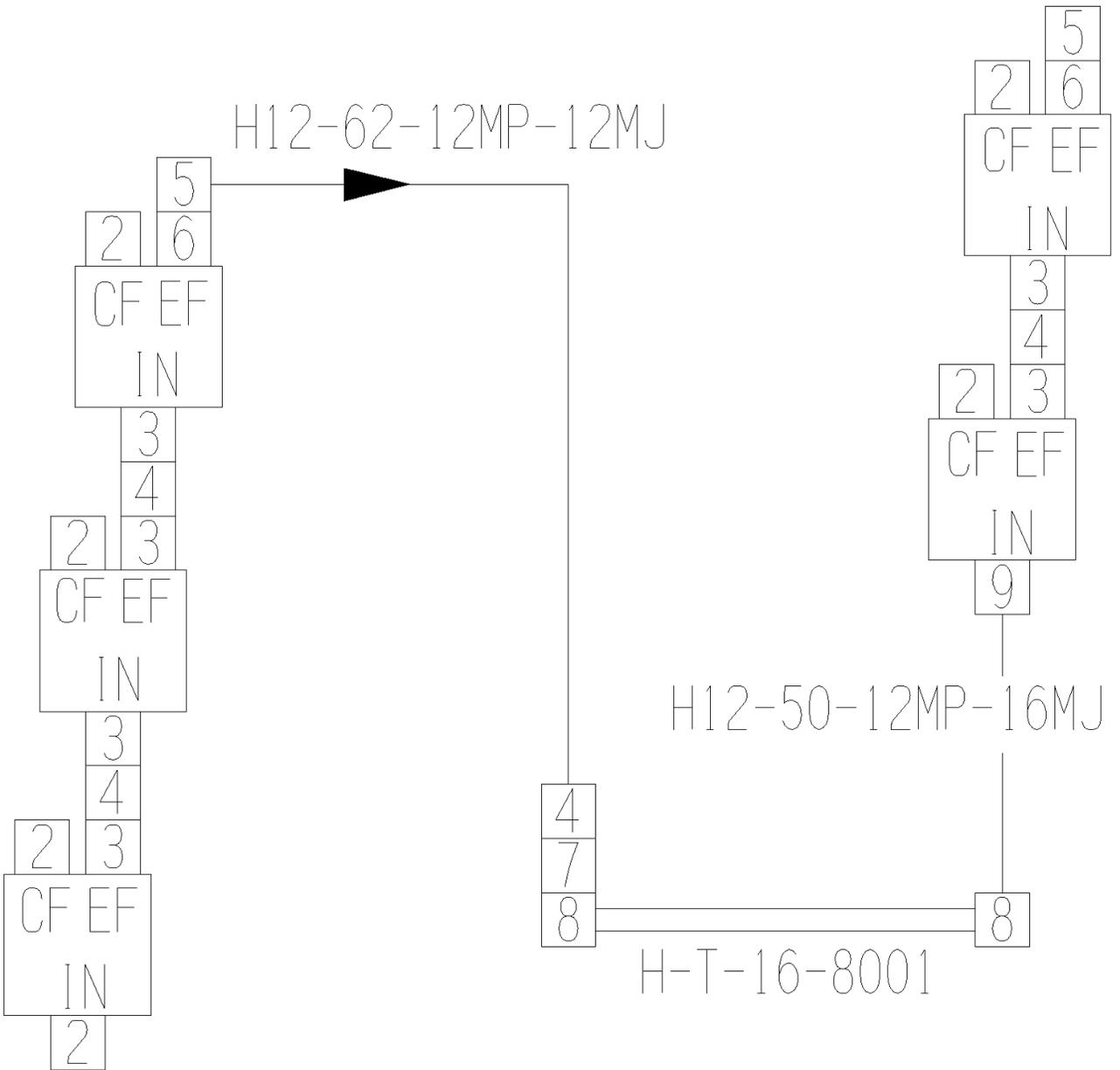
1108-15-5



1108-15-5.1 Opt. Shaker Wgt.&Header Vib.W/ Transfer Valve Assy

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	5		
2	A-6901-12-12	12 SAE x 3/4" FPX 90°, Forged	6		
3	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	6		
4	A-1603-12-12	Swivel T 3/4" NPTF	4		
5	A-1501-12-12	3/4MP x 3/4 FPX 90°	2		
6	A-6900-12-12	12 SAE x 3/4"FPX	2		
7	A-2404-16-12	1" MJIC X 3/4" MP	1		
8	HW-16	#16 OD Washer for Hydraulic Tube/Hose	2		
9	A-6902-12-12	12 SAE X 3/4" FPX 45°	1		
10	H12-62-12MP-12MP	3/4 in. hose 3/4MP x 3/4MP x 62 in long	1		
11	H12-50-12MP-16MJ	3/4 in hose 3/4MP x 1MJIC x 50 in long	1		
12	H-T-16-8001	Hyd. Tube, 1" Stainless, Shaker Area, HC 290	1		

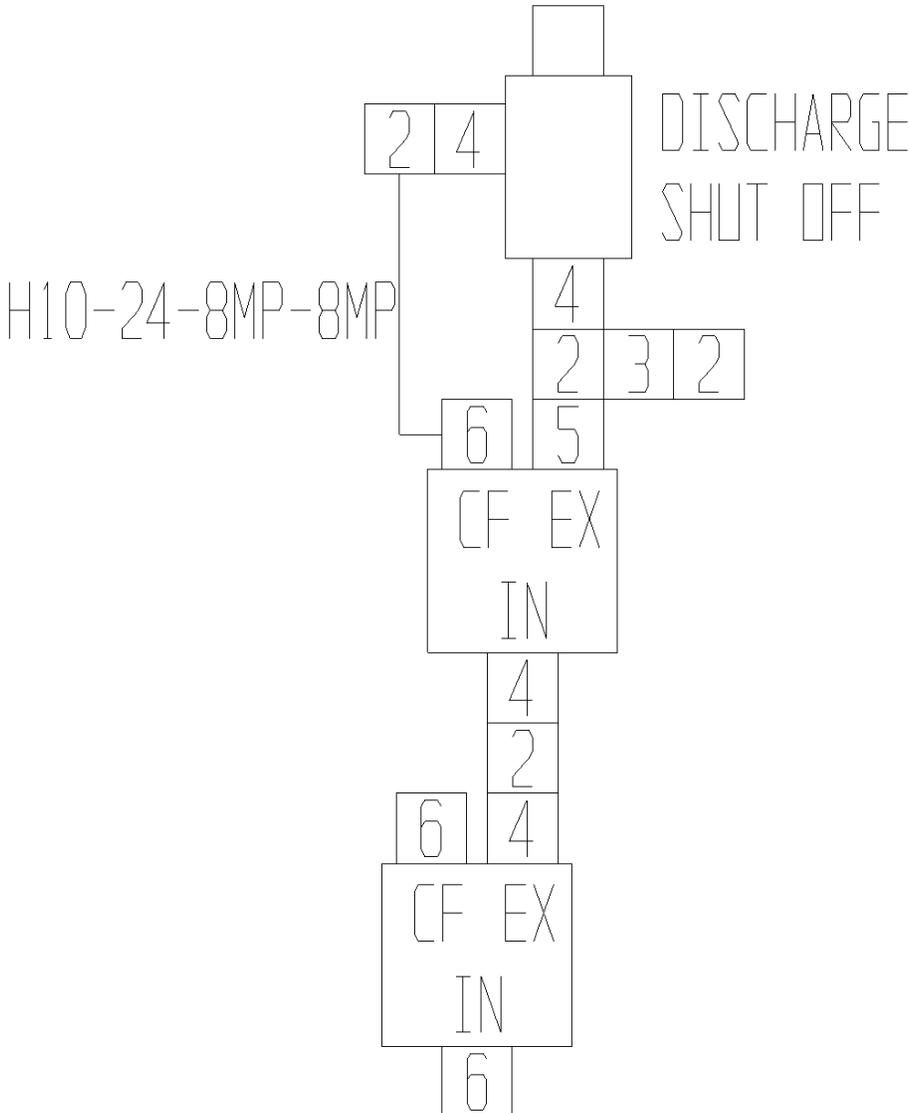
1108-15-5.1



1108-15-6 Aftersort & Discharge Valve Section Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-FL16	Flow control valve 16GPM	2		
2	A-1603-8-8-8	Swivel T 1/2" NPTF	4		
3	A-5404-8-8	Hex Nipple 1/2" x 1/2"	1		
4	A-6401-10-8	10 SAE x 1/2 MPT Male	4		
5	A-6806-10-8	10 SAE x 1/2" MP 90°	1		
6	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	3		
7	H10-24-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 24 in long	1		
8	HV-900A	Electronic Valve (Discharge conveyor)	1		
800	HV-901	Coil w/ spade terminals for ON/OFF Valve	1		
801	hv-902	Normally Closed Valve Cartridge for ON/OFF Valve	1		

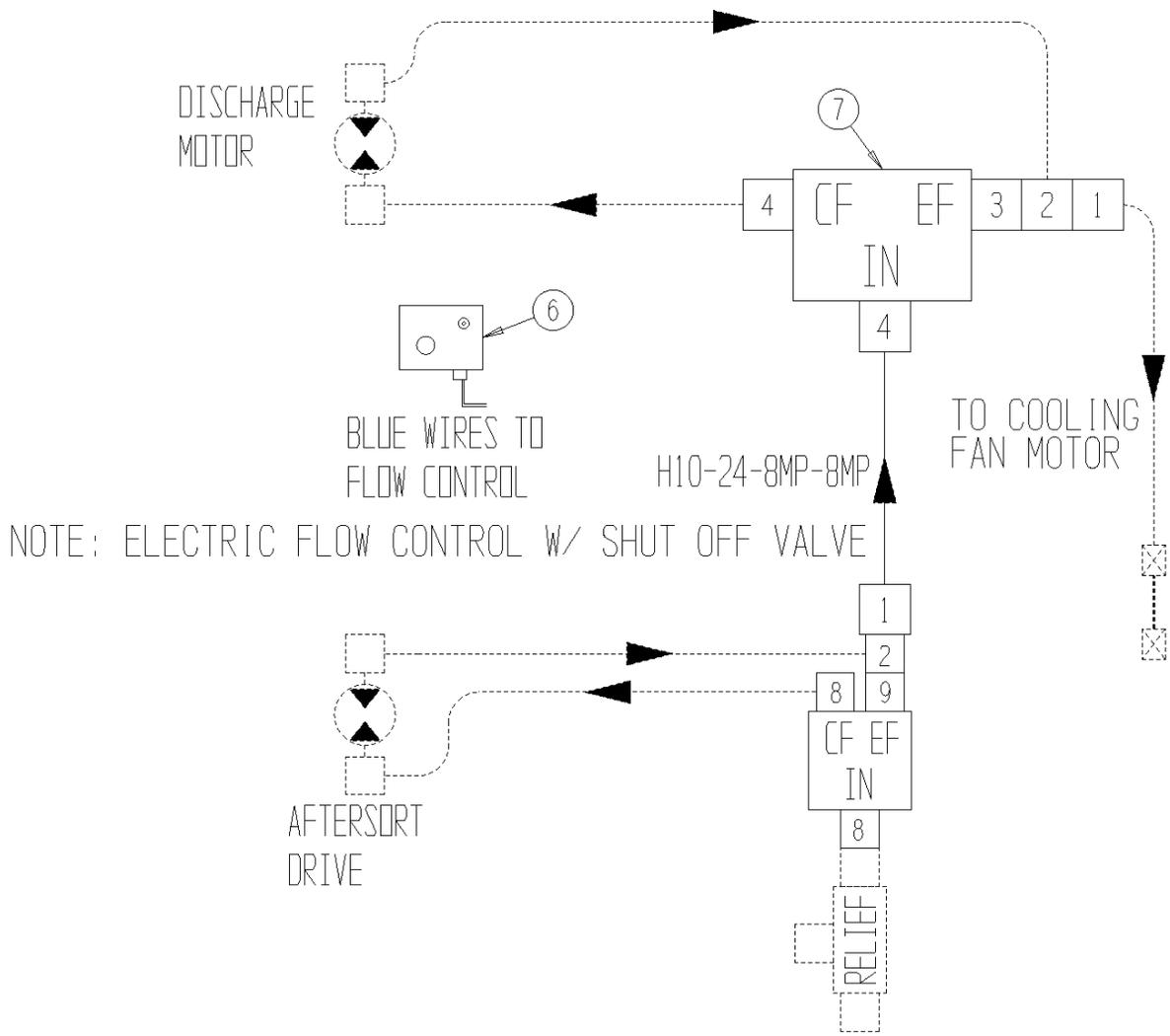
1108-15-6



1108-15-6.1 Optional Discharge Valve Section Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	A-1501-8-8	1/2 MP x 1/2 FPX90°	2		
2	A-1603-8-8-8	Swivel T 1/2" NPTF	2		
3	A-6401-12-8	12 SAE x 1/2" MP Hex Nipple	1		
4	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	2		
5	H10-24-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 24 in long	1		
6	EL-EC-1202	Controller for Brand Valve	2		
7	HVE-2500	Electronic Flow Control Valve	2		
8	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2		
9	A-6401-10-8	10 SAE x 1/2 MPT Male	1		

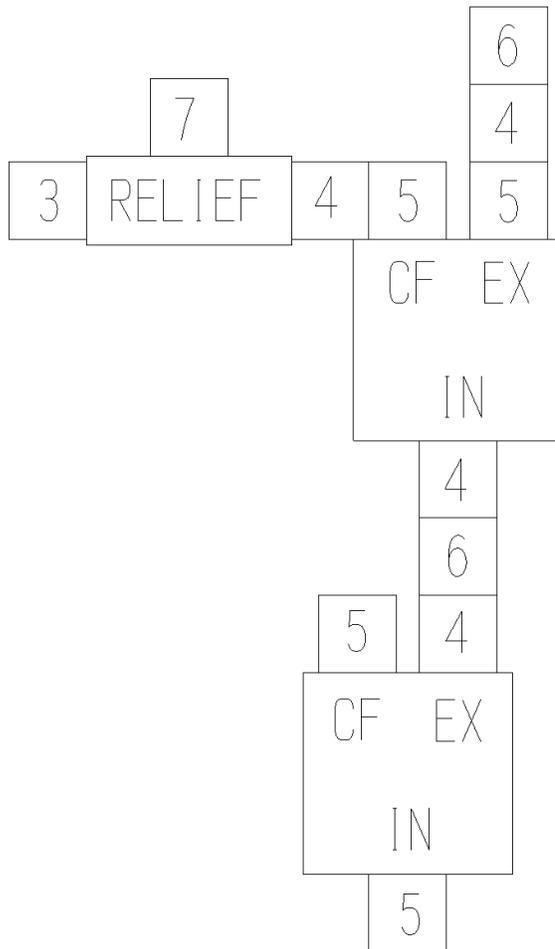
1108-15-6.1



1108-15-7 Header Component Valve Section Assem.

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-RV-1H	Relief valve w/ SAE #12 ports	1		
2	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	2		
3	A-6900-12-12	12 SAE x 3/4"FPX	1		
4	A-6401-12-12	12 SAE x 3/4" MP Hex Nipple	4		
5	A-6901-12-12	12 SAE x 3/4" FPX 90°, Forged	4		
6	A-1603-12-12	Swivel T 3/4" NPTF	2		
7	A-6900-12-8	12 SAE x 1/2" FPX	1		

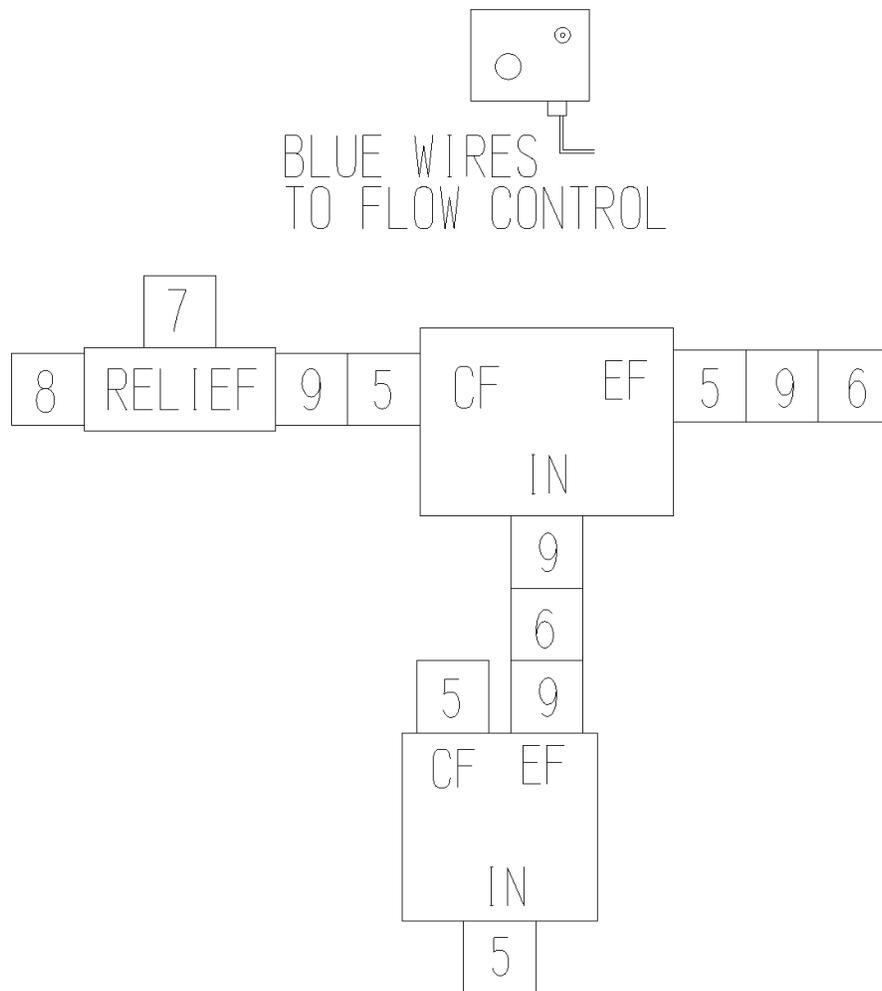
1108-15-7



1108-15-7.1 Remote Header Chain, Valve Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-RV-1H	Relief valve w/ SAE #12 ports	1		
2	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	1		
3	HVE-2500	Electronic Flow Control Valve	1		
4	EL-EC-1202	Controller for Brand Valve	1		
5	A-6901-12-12	12 SAE x 3/4" FPX 90°, Forged	4		
6	A-1603-12-12	Swivel T 3/4" NPTF	2		
7	A-6900-12-8	12 SAE x 1/2" FPX	1		
8	A-6900-12-12	12 SAE x 3/4"FPX	1		
9	A-6401-12-12	12 SAE x 3/4" MP Hex Nipple	4		

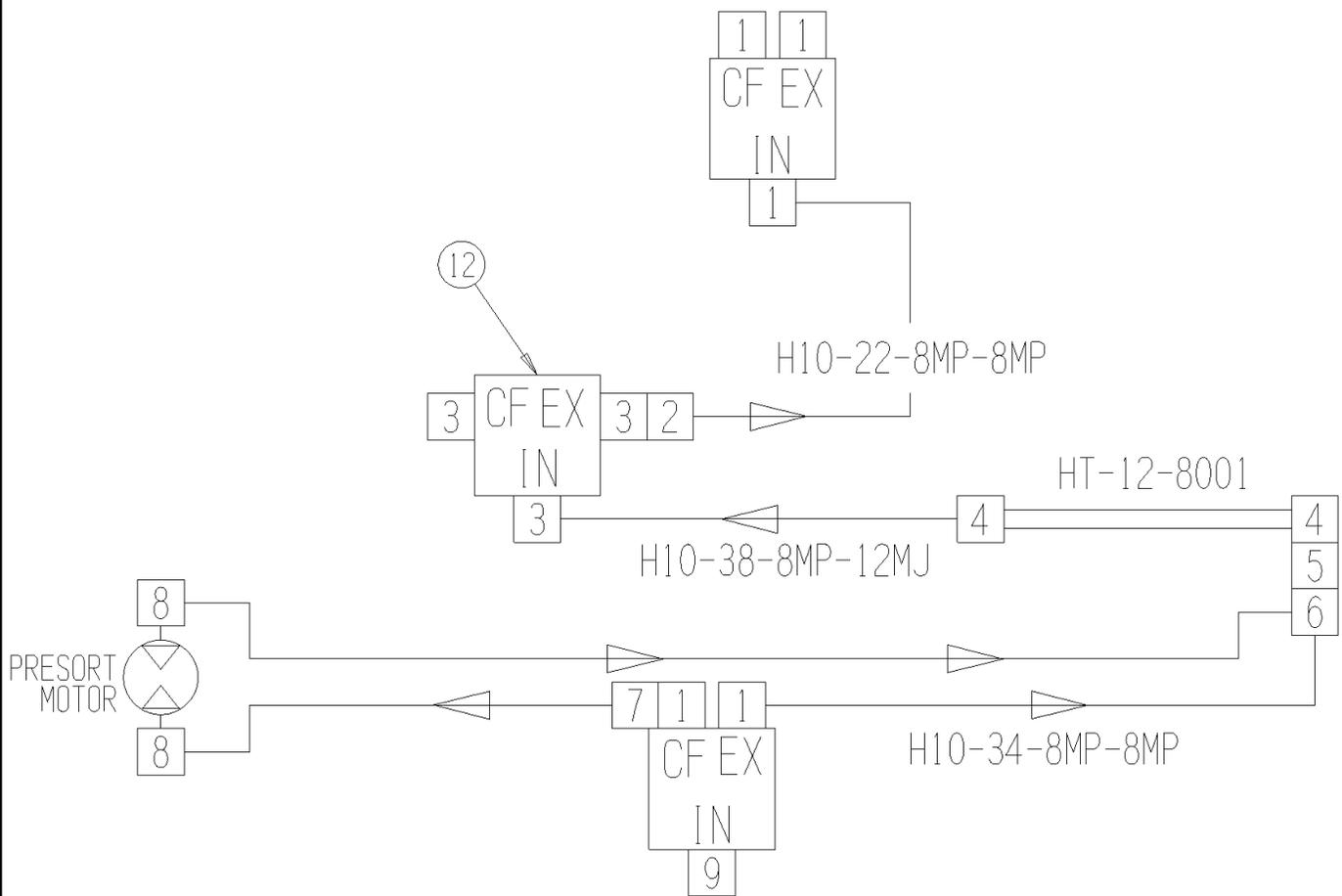
1108-15-7.1



1108-15-8 Optional Elevation W/ Presort Belt Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	5		
2	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
3	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	3		
4	HW-12	#12 OD Washer for Hydraulic Tube/Hose	2		
5	A-2404-12-8	¾" MJIC X 1/2" MP	1		
6	A-1603-8-8-8	Swivel T 1/2" NPTF	1		
7	A-1501-8-8	1/2 MP x 1/2 FPX90°	1		
8	A-6900-10-8	10 SAE x 1/2 FPX	2		
9	A-6902-10-8	10 SAE X 1/2" FPX 45°	1		
10	HV-FL16	Flow control valve 16GPM	2		
11	HVE-2500	Electronic Flow Control Valve	1		
12	EL-EC-1202	Controller for Brand Valve	1		
13	H-T-12-8001	Hyd. Tube, ¾" Stainless, Shaker Area, HC 290	1		
14	H10-22-8MP-8MP	5/8 in Hose x 1/2MP x 1/2MP x 22 in Long Hose	1		
15	H10-38-8MP-12MJ	5/8 in hose 1/2MP-¾MJIC x 38 in long	1		
16	H10-34-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 34 in long	1		

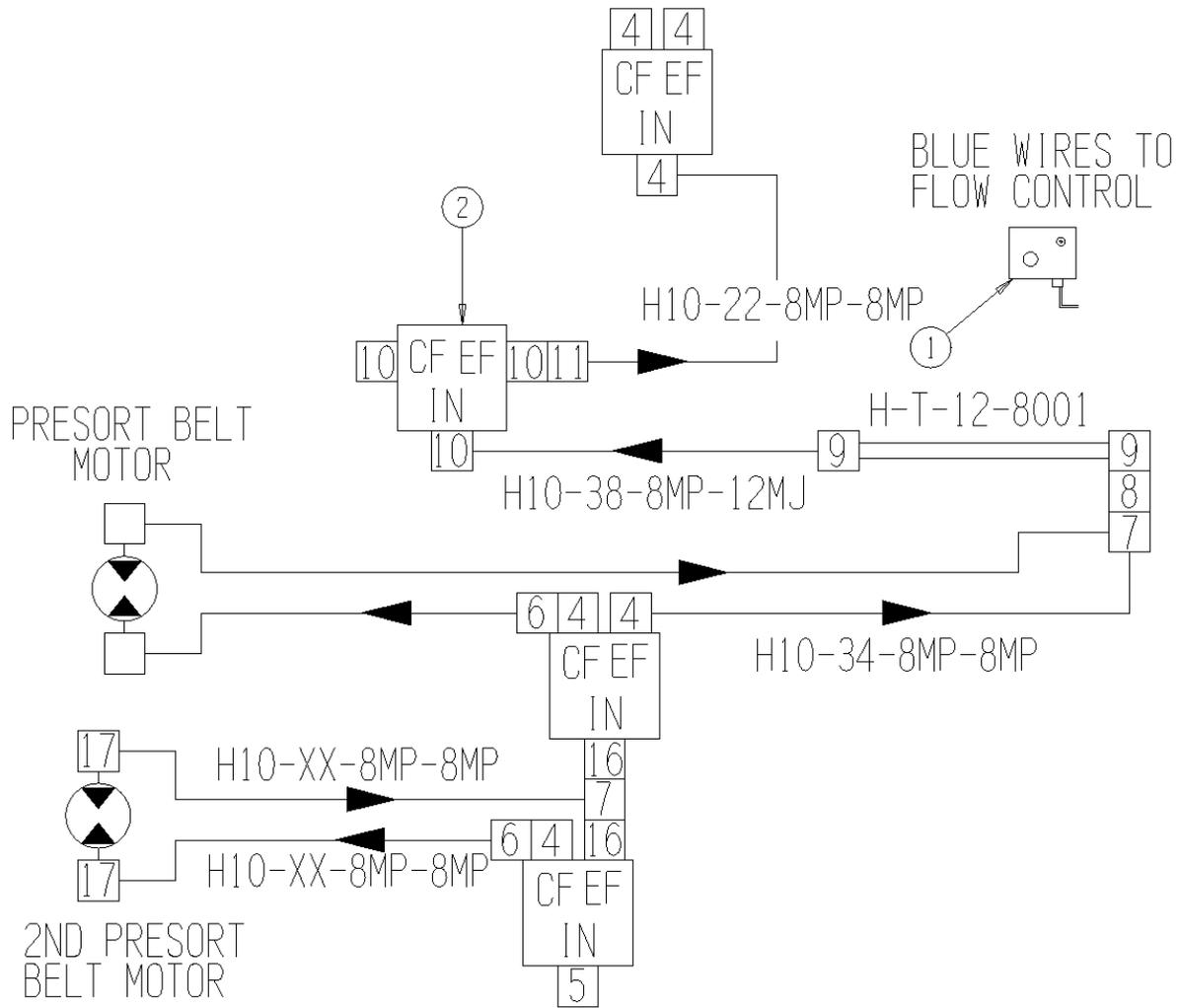
1108-15-8



1108-15-8.1 Opt. Elev w/Pres Belt & 2nd Sorter Assem.

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	EL-EC-1202	Controller for Brand Valve	1		
2	HVE-2500	Electronic Flow Control Valve	1		
3	HV-FL16	Flow control valve 16GPM	3		
4	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	6		
5	A-6902-10-8	10 SAE X 1/2" FPX 45°	1		
6	A-1501-8-8	1/2 MP x 1/2 FPX90°	2		
7	A-1603-8-8-8	Swivel T 1/2" NPTF	2		
8	A-2404-12-8	¾" MJIC X 1/2" MP	1		
9	HW-12	#12 OD Washer for Hydraulic Tube/Hose	2		
10	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	3		
11	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	1		
12	H10-34-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 34 in long	1		
13	H-T-12-8001	Hyd. Tube, ¾" Stainless, Shaker Area, HC 290	1		
14	H10-38-8MP-12MJ	5/8 in hose 1/2MP-¾MJIC x 38 in long	1		
15	H10-22-8MP-8MP	5/8 in Hose x 1/2MP x 1/2MP x 22 in Long Hose	1		
16	A-6401-10-8	10 SAE x 1/2 MPT Male	2		
17	A-6900-10-8	10 SAE x 1/2 FPX	2		

1108-15-8.1



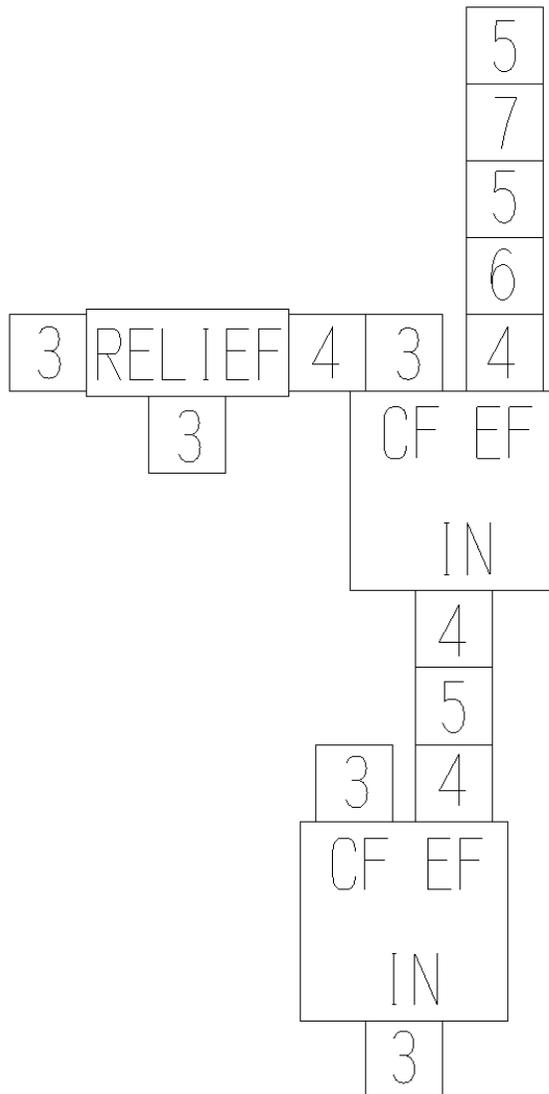
1108-15-8.2 Elevation/Presort Chain Flow Control Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	EL-EC-1202	Controller for Brand Valve	1		
0	HVE-2500	Electronic Flow Control Valve	1		
0	HV-FL16	Flow control valve 16GPM	1		

1108-15-9 Fan/Vine Chain Valve Section Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-RV-1H	Relief valve w/ SAE #12 ports	1		
2	HV-FL1230	Flow Control Valve, 30 GPM with #12 SAE Port	2		
3	A-6901-12-12	12 SAE x 3/4" FPX 90°, Forged	5		
4	A-6401-12-12	12 SAE x 3/4" MP Hex Nipple	4		
5	A-1603-12-12	Swivel T 3/4" NPTF	3		
6	A-1501-12-12	3/4MP x 3/4 FPX 90°	1		
7	A-5404-12-12	Hex Nipple 3/4" x 3/4"	1		

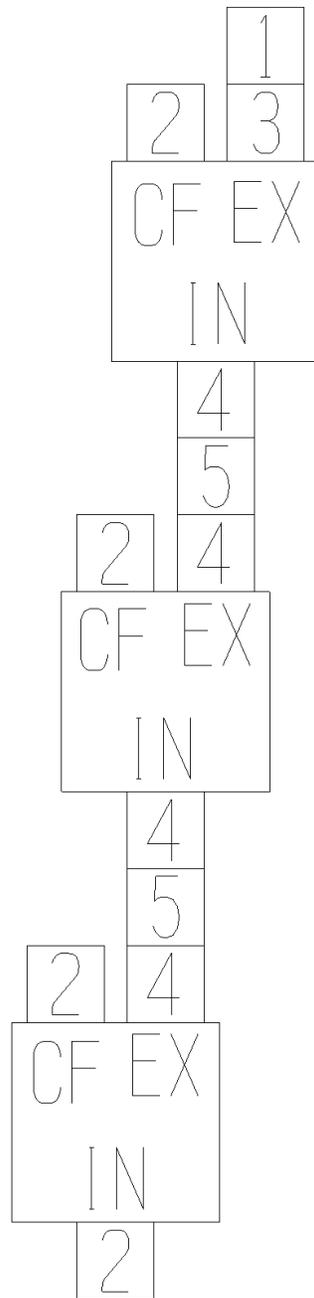
1108-15-9



1108-15-9.1 Optional Chopper Valve Section Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	A-1501-12-12	¾MP x ¾ FPX 90°	1		
2	A-6901-12-12	12 SAE x ¾" FPX 90°, Forged	4		
3	A-6900-12-12	12 SAE x ¾"FPX	1		
4	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	4		
5	A-1603-12-12	Swivel T ¾" NPTF	2		
6	HA-430	Flow Control w/Check	2		
7	HA-429	Flow Control w/Relief	1		

1108-15-9.1



1108-15-10 Hydraulic Motor Plumbing Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	H10-100-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 100 in long	1		
0	H10-103-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 103" long	1		
0	H10-104-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 104" long	2		
0	H10-105-8MP-8MP	5/8"Hose, 1/2"MP x 1/2"MP x 105" Long	2		
0	H10-112-8MP-8MP	5/8in Hose x 1/2mp x 1/2mp x 112in	1		
0	H10-118-8MP-8MP	5/8Hose x 1/2MP x 1/2MP x 118" Long	1		
0	h10-130-8mp-8mp	5/8 in hose 1/2MP x 1/2MP x 130 in long	1		
0	H10-134-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 134" long	1		
0	H10-22-8MP-8MP	5/8 in Hose x 1/2MP x 1/2MP x 22 in Long Hose	1		
0	H10-23-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 23" long	1		
0	H10-24-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 24 in long	1		
0	H10-28-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 28" long	2		
0	H10-32-8MP-8MP	5/8Hose x 1/2MP x 1/2MP x 32" Long	3		
0	H10-35-12MJ-12MJ	5/8Hose x 3/4MJ x 3/4MJ x 35" Long	1		
0	H10-35-8MP-12MJ	5/8"Hose x 1/2"MP x 3/4"MJ x 35" Long	1		
0	H10-36-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 36 in long	2		
0	H10-37-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 37" long	1		
0	H10-395-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 395" long	2		
0	H10-45-12MJ-8MP	5/8Hose x 3/4MJ x 1/2MP x 45 in Long	1		
0	H10-46-8MP-8MP	5/8in Hose x 1/2mp x 1/2mp x 46in	3		
0	H10-48-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 48 in long	1		
0	H10-51-8MP-8MP	5/8"Hose x 1/2"MP x 1/2"MP x51" Long	3		
0	H10-56-8MP-12MJ	5/8"Hose x 1/2"MP x 3/4"MJ x 56"Long	1		
0	H10-58-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 58" long	1		
0	H10-62-8MP-12MJ	5/8Hose x 1/2MP x 3/4MJ x 62" Long	1		
0	h10-62-8MP-8mp	5/8 in hose 3/4 x 1/2 x 62 in long	1		
0	H10-64-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 64 in long	1		
0	H10-66-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 66 in long	1		
0	H10-83-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 83 in long	1		
0	H10-90-8MP-8MP	5/8Hose x 1/2MP x 1/2MP x 90" Long	1		
0	H12-101-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 101 in hose	2		
0	H12-108-12MP-12MP	3/4in Hose 3/4MP x 3/4MP x 108" Long	1		

0	H12-112-12MP-12MP	¾ in hose ¾MP x ¾MP x 112 in hose	1
0	H12-132-12MP-12MP	¾ in Hose x ¾MP x ¾MP x 132in Long	2
0	H12-141-12MP-12MP	¾" Hose,¾" MP x ¾" MP x 141" Long	1
0	H12-142-12MP-12MP	¾"Hose x ¾"MP x ¾"MP x 142" Long	1
0	H12-196-12MP-12MP	¾ in Hose ¾MP x ¾MP x 196 in Long	1
0	H12-200-12MP-12MP	¾ in hose ¾MP x ¾MP x 200 in long	1
0	H12-210-12MP-12MP	¾" Hose, ¾"MP x ¾" MP x 210"	1
0	H12-240-12MP-12MP	¾"Hose x ¾"MP x ¾"MP x 240" Long	2
0	H12-24-12MP-12MP	¾ in hose ¾ x ¾ x 24 in long	2
0	H12-30-12MP-12MP	¾ in hose ¾MP x ¾MP x 30 in long	2
0	H12-34-12MP-12MP	¾" hose ¾MP x ¾MP x 34" long	2
0	H12-36-12MP-8MP	¾ in hose ¾MP x 1/2MP x 36 in long	1
0	H12-36-16MJ-16MJ	¾"Hose x 1MJ x 1MJ x 36" Long	2
0	H12-38-12MP-12MP	¾in Hose ¾MP x ¾MP x 38in Long	1
0	H12-42-12MP-12MP	¾in Hose x ¾mp x ¾mp x42in	1
0	H12-48-12MP-12MP	¾"Hose x ¾"MP x ¾"MP x 48"Long	3
0	H12-55-12MP-16MJ	¾ in. hose ¾ MP x 1" MJIC x 55 in long	1
0	H12-60-12MP-16MJ	¾in Hose x ¾mp x 1mj x 60in	2
0	H12-62-12MP-16MJ	¾ in hose ¾MP x 1MJIC x 62 in long	2
0	h12-69-12mp-16mj	¾ Hose x ¾MP x 1MJ x 69 in Long	1
0	H12-79-12MP-12MP	¾ in hose ¾MP x ¾MP x 79 in long	2
0	H12-90-12MP-12MP	¾ in hose ¾ x ¾ x 90 in long	2
0	H12-95-12MP-12MP	¾in Hose x ¾mp x ¾mp x 95	1
0	H24-S-228	1-1/2" Suction Hose 228" Long	2
0	H24-S-74	1-1/2" Suction Hose 74" long	2
0	H32-216	2" Suction Hose 216" long	1
0	H40-S-241	2-1/2" Suction Hose 241" long	1

0	H6-PL-102	3/8in Push Lock 102in Long	2
0	H6-PL-16	3/8in Push Lock 16in Long	1
0	H6-PL-20	3/8" Push Loc Hose 20"	1
0	H6-PL-28	3/8in Push Lock Hose 28in Long	1
0	H6-PL-300	3/8" Push-Loc Hose 300"	1
0	H6-PL-72	3/8in Push Lock 72in Long	1
0	H6-PL-78	3/8" Push Loc Hose 78" long	1
0	H6-PL-86	3/8" Push Loc Hose 86"	1
0	H-T-12-8000	Hyd. Tube, 3/4" Stainless, Sorting Area, HC 290	2
0	H-T-12-8001	Hyd. Tube, 3/4" Stainless, Shaker Area, HC 290	1
0	H-T-16-8000	Hyd. Tube, 1" Stainless, Sorting Area, HC 290	1
0	H-T-16-8001	Hyd. Tube, 1" Stainless, Shaker Area, HC 290	2
0	H-T-16-8002	Hyd. Tube, 1" Stainless, Comp Front, HC 290	1
0	H-T-16-8003	Hyd. Tube, 1" Stainless, Comp Rear, HC 290	1
0	PIP-1107	Pipe, Case Drain, 290 Tomato	1
1	A-6900-10-8	10 SAE x 1/2 FPX	15
2	A-6900-12-12	12 SAE x 3/4"FPX	8
3	A-6901-12-12-4SAE	12 SAE x 3/4" FPX 90°w/4 SAE Port, Forged	1
4	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2
5	A-6901-12-12	12 SAE x 3/4" FPX 90°, Forged	24
6	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	6
7	A-6902-10-8	10 SAE X 1/2" FPX 45°	14
8	A-6900-10-12	10 SAE x 3/4 FPX	1
9	A-6901-10-12	10 SAE x 3/4 FPX90°, Forged	0
10	A-4124-6-4	1/4 Male Pipe x 3/8 Push Loc	8
11	A-1404-4-4	1/4 MP x 1/4 FPX	4
12	A-1603-4-4	Swivel T 1/4" NPTF	2
13	A-4129-6-4	1/4" NPT 90° w/3/8" Push-Loc	7
14	A-4601-24-24	1 1/2 x 24 SAE 90° Male O-Ring Beaded Insert	3
15	A-5404-4	Hex Nipple 1/4"	1
16	A-6901-10-8-4SAE	10 SAE x 1/2 FPX90° W/ 4SAE Port, Forged)	4
17	A-4601-24-24-10	1-1/2 Beaded x 24 SAE Male O-Ring w/10 SAE Port	1
18	A-5404-8-8	Hex Nipple 1/2" x 1/2"	0
19	A-4129-6-6	3/8" NPT90° w/3/8" Push-Loc	3
20	A-6806-10-8	10 SAE x 1/2" MP 90°	0
21	A-4450-24-24	Suction Flange Nipple, 1 1/2"	1
22	A-SFK-24	1 1/2" Split Flange Kit	2

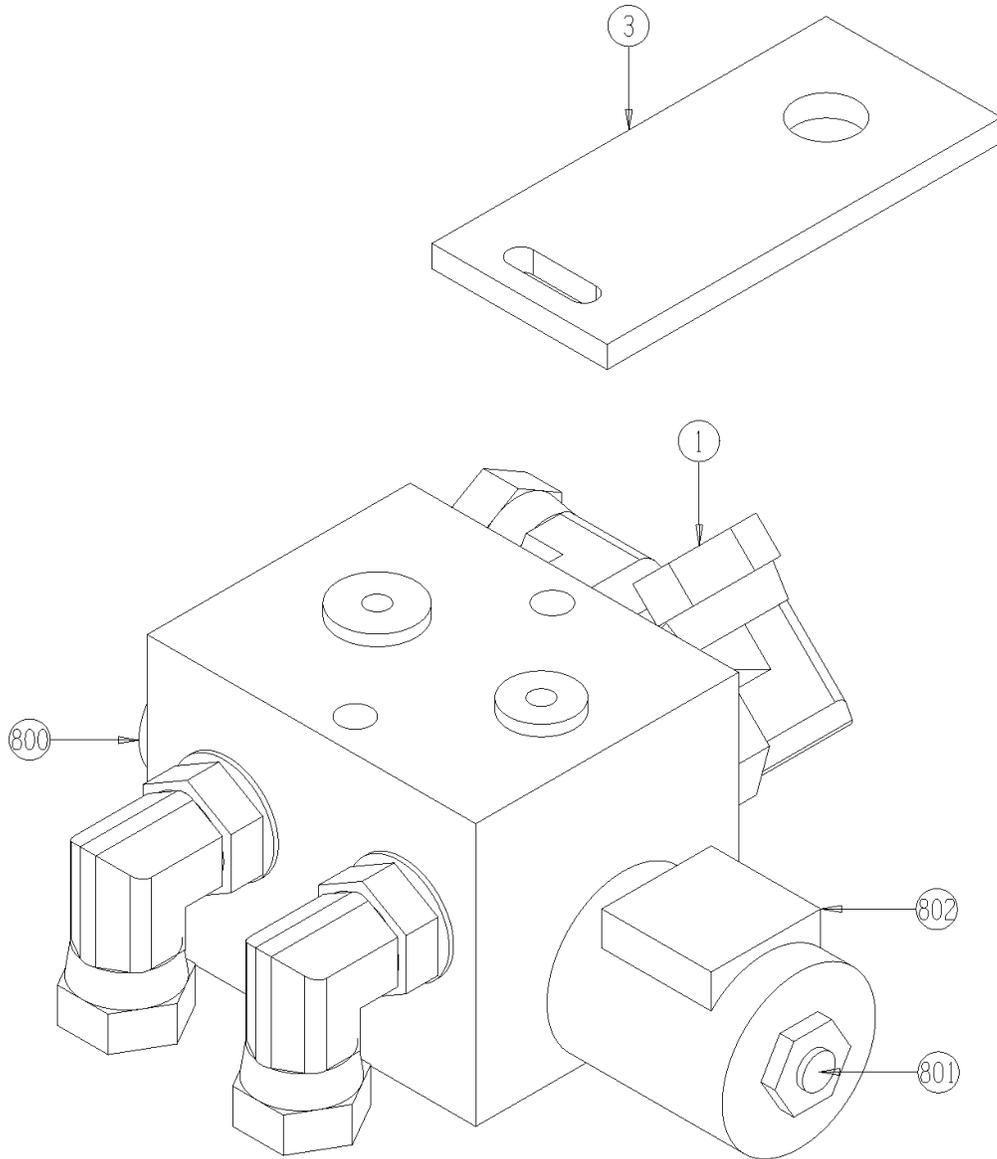
23	CL-200	1½" Hose Clamp, Heavy Duty T-Bar, 1.89-2.00"	4
24	CL-225	2 1/4" T-Bolt Clamp	12
25	CL-250	T-Bolt Clamp for 2 1/2" Suction Hose	8
26	A-SFK-32	2" Split Flange Kit	2
27	A-4459-40-32	Flange Nipple, 2-1/2" barb x 2 flange" 90°	2
28	A-6408-10	10 SAE Plug	3
29	A-4501-24-24	1 1/2" Hose Barb to 1 1/2" Pipe Elbow, 90°	2
30	AN-24-32-HS	1 1/2" Male NPT with Combination 2" Hose Barb	2
34	A-1501-12-12	¾MP x ¾ FPX 90°	0
37	HV-CKV-800S	1/2" Parker Check Valve	1
38	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	1
39	H13-RFL	Hose Protection Shield, Size 13	20
40	H-18RFL	Hose Protection Shield, Size 18 @ Foot	20
41	WT-17H	Heavy Duty Wire Tie 17.5"	100
42	A-6900-12-8	12 SAE x 1/2" FPX	6
43	HA-1004-4	Test Point Plug #4 SAE Thread	6
44	A-6401-12-12	12 SAE x ¾" MP Hex Nipple	0
45	A-1603-12-12	Swivel T ¾" NPTF	1
46	A-6902-12-12	12 SAE X ¾" FPX 45°	3
47	A-2404-16-12	1" MJIC X ¾" MP	0
48	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	0
49	A-1501-8-8	1/2 MP x 1/2 FPX90°	0
50	A-6401-10-8	10 SAE x 1/2 MPT Male	0
51	A-1603-8-8-8	Swivel T 1/2" NPTF	0
52	A-2404-12-8	¾" MJIC X 1/2" MP	2
53	A-5404-12-12	Hex Nipple ¾" x ¾"	1
54	A-6900-8-8	8 SAE x 1/2" FPX	6
55	A-6901-12-12-4PT	12 SAE x ¾" FPX 90 W/1/4" port, Forged	2
56	HA-1004-T	Test Point Plug, 1/4" NPT	2
57	AP-4	1/4 MIP plug	7
58	A-1405-12-12	¾ NPT coupler w/swivel	1
59	A-1601-6-6-6	3/8 MP x 3/8 FPX x 3/8FPX Tee	1
60	HW-12	#12 OD Washer for Hydraulic Tube/Hose	6
61	HW-16	#16 OD Washer for Hydraulic Tube/Hose	10
62	AB-12-6	¾" x 3/8" Bushing	1
63	ATB-12-12-12	¾ x ¾ x ¾, Brass Tee	1
64	A-1404-12-12	¾ MP x ¾ FPX	1
65	ASL-4	1/4" Black Street Elbow	2

66	A-6901-4-4	4 SAE X 1/4 FPX 90°, Forged	3	
67	BAR-2011	Bar, Security Copper Wire Seal	8	relief lock
68	HA-1071-H	Hydra-zorb Tube Clamp 1" (3 pc.)	39	19401-
69	HA-1072-H	Hydra-zorb Tube Clamp ¾" (3 pc.)	16	19401-
70	HA-1073-H	Hydra-zorb Tube Clamp 1/2" (3 pc.)	3	19401
71	A-4601-32-24	2" x 24 SAE 90° Male O Ring Beaded Insert	2	
72	A-4450-32-32	Straight Suction Nipple, 2"Flange, 2" Hose	1	
73	A-6900-16-12	16 SAE x ¾" FPX	2	
74	TAN-8102	Tank, Manifold, Drain Lines, HC 290	2	
75	A-6901-16-12	16 SAE x ¾" FPX 90°, Forged	1	
76	AN-24-CL	1 1/2" Black (Nipple Close)	1	
77	AT-24-24-12	1 1/2 x 1 1/2 x ¾ Black Tee	1	
78	ASL-24	1 1/2 ST ELL, Domestic Only	1	

1108-15-15 Optional Half Fixed Speed Valve Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	A-1405-8-8	1/2" NPT Coupler W/Swivel	-2		
1	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	4		
2	HA-786	Half Speed Manifold, Fixed	1		
3	MOU-1000	Half Speed Valve Mount, HC290 Tomato	1		
800	HA-786-FR	Fixed Orifice Pressure Compensated, Cart.	1		
801	HA-786-SV	2-Way Normally Closed Solenoid, Cart.	1		
802	HA-786-SV-C	Coil for 2-Way Cartridge	1		

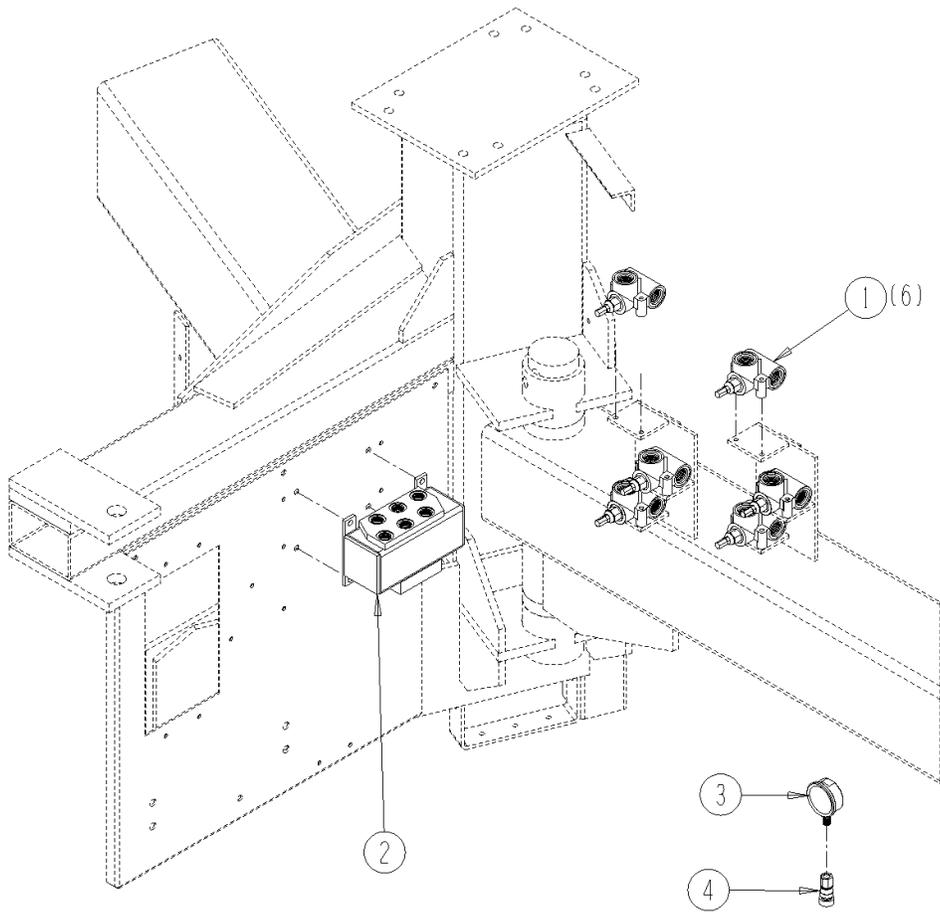
1108-15-15



1108-15-16 Hydraulic Relief Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HV-RV-1H	Relief valve w/ SAE #12 ports	6		
2	TAN-8106	Oil Manifold, 290 Harvester	1		
3	HA-1004-G	Hydraulic, Pressure Gauge w/1/4 NPT Stem	1		
4	HA-1005-T	Test Point Probe	1		

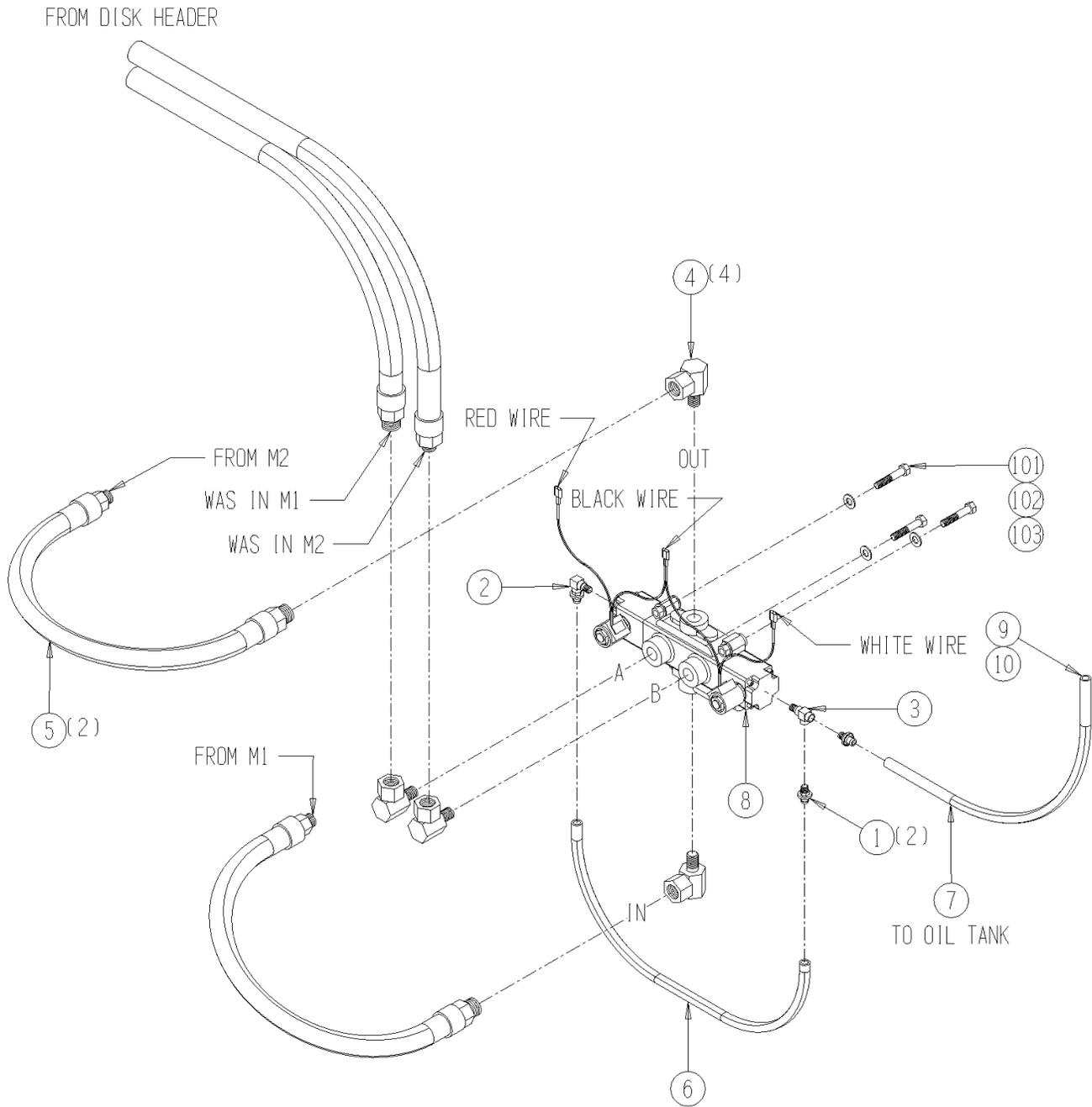
1108-15-16



1108-15-19 Safety Disk Shut Off & Reverser Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	A-4124-6-2	1/8 Male Pipe x 3/8 Push Loc	2	HV-1045K	
2	A-4129-6-2	1/8"NPT 90° w/3/8" Push-Loc	1	HV-1045K	
3	A-5602-2-2-2	Run Tee 1/8" NPT	1	HV-1045K	
4	A-6901-10-12	10 SAE x 3/4 FPX90°, Forged	4		
5	H12-36-12MP-12MP	3/4 in hose 3/4MP x 3/4MP x 36 in long	2		
6	H6-PL-26	3/8" Push Loc Hose 26" (Reverse Kit)	1	HV-1045K	
7	H6-PL-216	3/8" Push Loc Hose 216" long	1		
8	HV-1045	Reversing Valve	1	HV-1045K	
9	A-6901-8-6	8 SAE x 3/8" FPX90°, Forged	1	20095001-	
10	A-4124-6-6	3/8 Male Pipe x 3/8 Push Loc	1		
11	ELC-1045	Electrical Cable, Disk Reversing Valve	1		
101	BL-6-200-H	3/8-16 X 2 HEX CAP G5 ZC	3		
102	BL-6-LN	3/8 UNC FIN HEX LOCK NUT NE A563 GrA ZINC	3		
103	BL-6-SW	3/8 SAE FW ZC	6		

1108-15-19



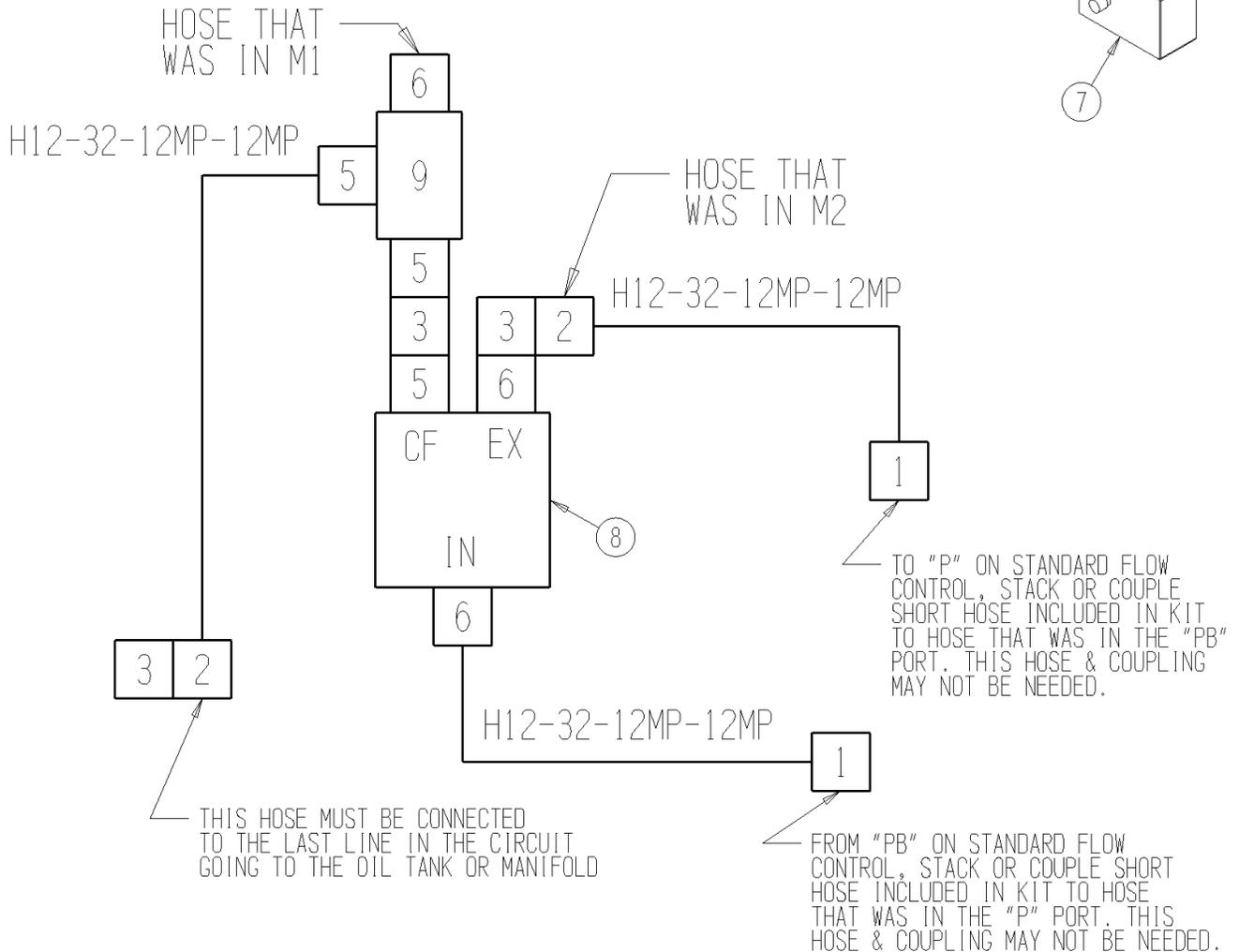
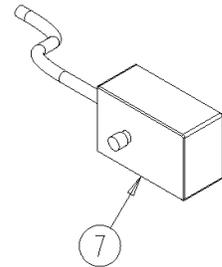
1108-15-20 Electronic Flow Cn (3/4" Lines w/Relief) Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	H12-32-12MP-12MP	¾ in. hose 32 in. ¾ x ¾	4		
1	A-1405-12-12	¾ NPT coupler w/swivel	3		
2	A-1603-12-12	Swivel T ¾" NPTF	2		
3	A-5404-12-12	Hex Nipple ¾" x ¾"	3		
5	A-6900-12-12	12 SAE x ¾"FPX	3		
6	A-6901-12-12	12 SAE x ¾" FPX 90°, Forged	3		
7	EL-EC-1202	Controller for Brand Valve	1		
8	HVE-2500	Electronic Flow Control Valve	1		
9	HV-RV-1H	Relief valve w/ SAE #12 ports	1		

1108-15-20

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.

BLUE WIRES TO FLOW CONTROL



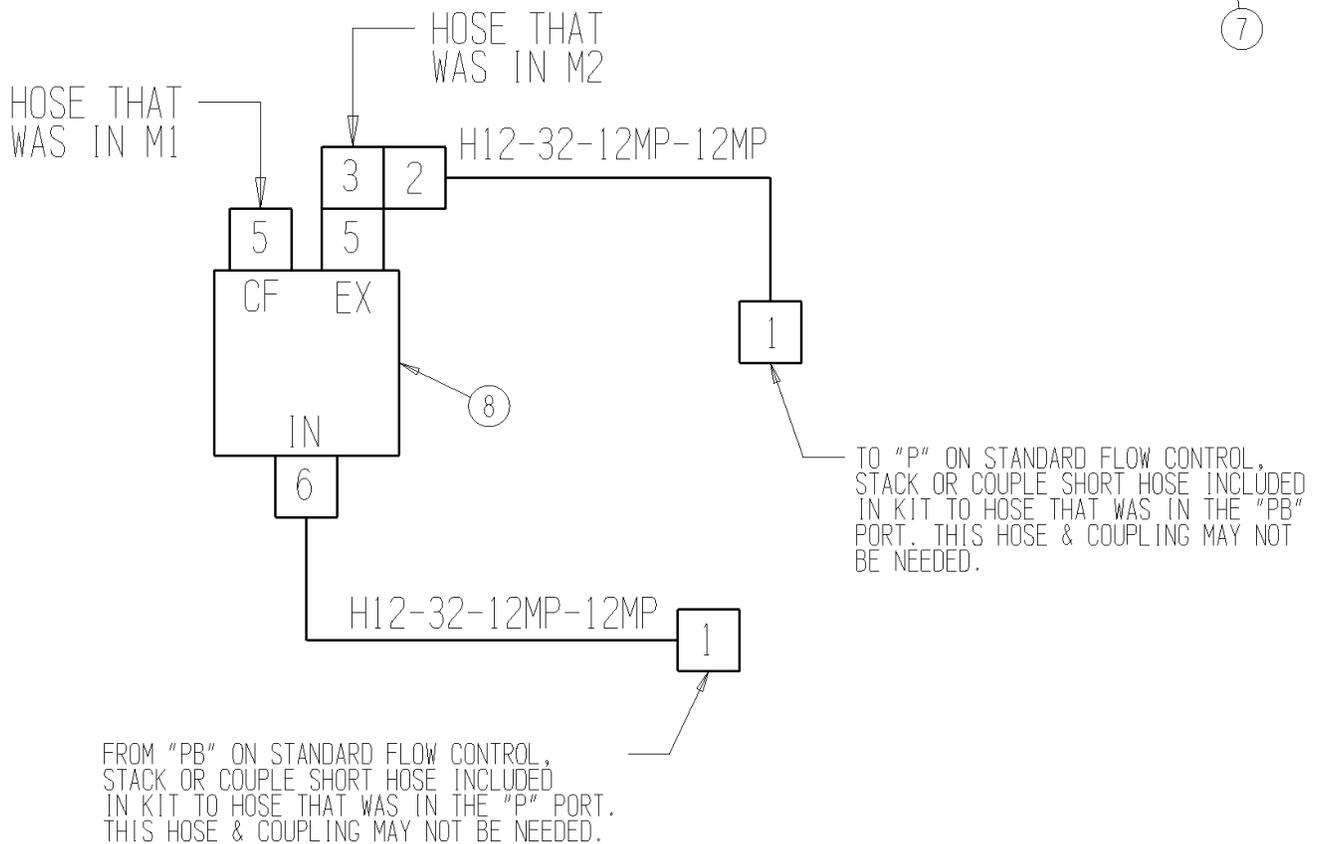
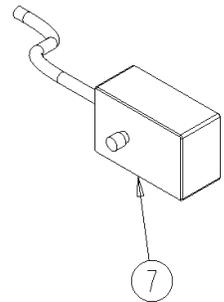
1108-15-21 Electronic Flow Control (3/4" Lines) Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	H12-32-12MP-12MP	¾ in. hose 32 in. ¾ x ¾	3		
1	A-1405-12-12	¾ NPT coupler w/swivel	3		
2	A-1603-12-12	Swivel T ¾" NPTF	1		
3	A-5404-12-12	Hex Nipple ¾" x ¾"	1		
5	A-6900-12-12	12 SAE x ¾"FPX	2		
6	A-6901-12-12	12 SAE x ¾" FPX 90°, Forged	1		
7	EL-EC-1202	Controller for Brand Valve	1		
8	HVE-2500	Electronic Flow Control Valve	1		

1108-15-21

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 drop 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.

BLUE WIRES TO
FLOW CONTROL



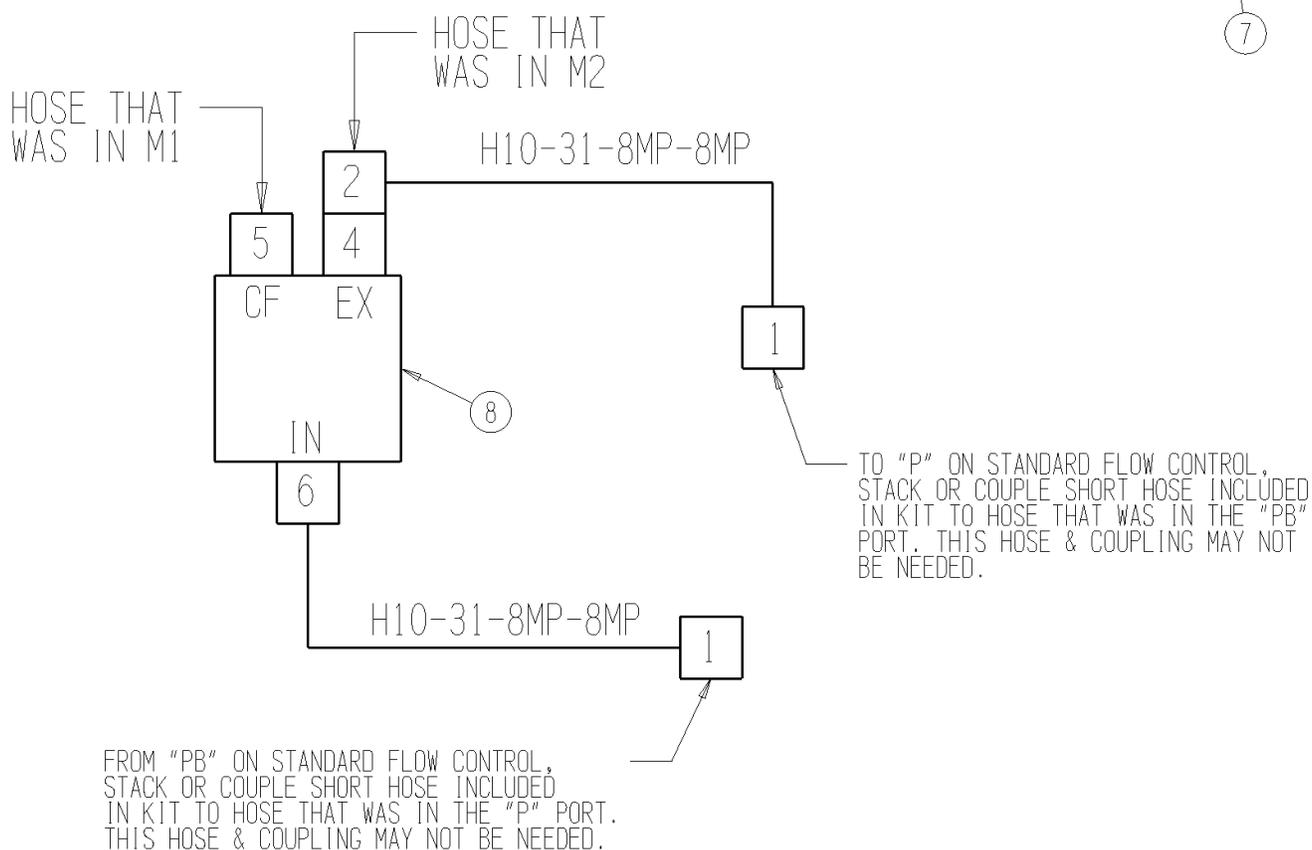
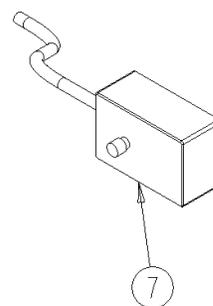
1108-15-22 Electronic Flow Control (5/8" Lines) Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	H10-31-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 31 in long	3		
1	A-1405-8-8	1/2" NPT Coupler W/Swivel	3		
2	A-1603-8-8-8	Swivel T 1/2" NPTF	1		
4	A-6401-10-8	10 SAE x 1/2 MPT Male	1		
5	A-6900-12-8	12 SAE x 1/2" FPX	2		
6	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	1		
7	EL-EC-1202	Controller for Brand Valve	1		
8	HVE-2500	Electronic Flow Control Valve	1		

1108-15-22

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 drop 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.

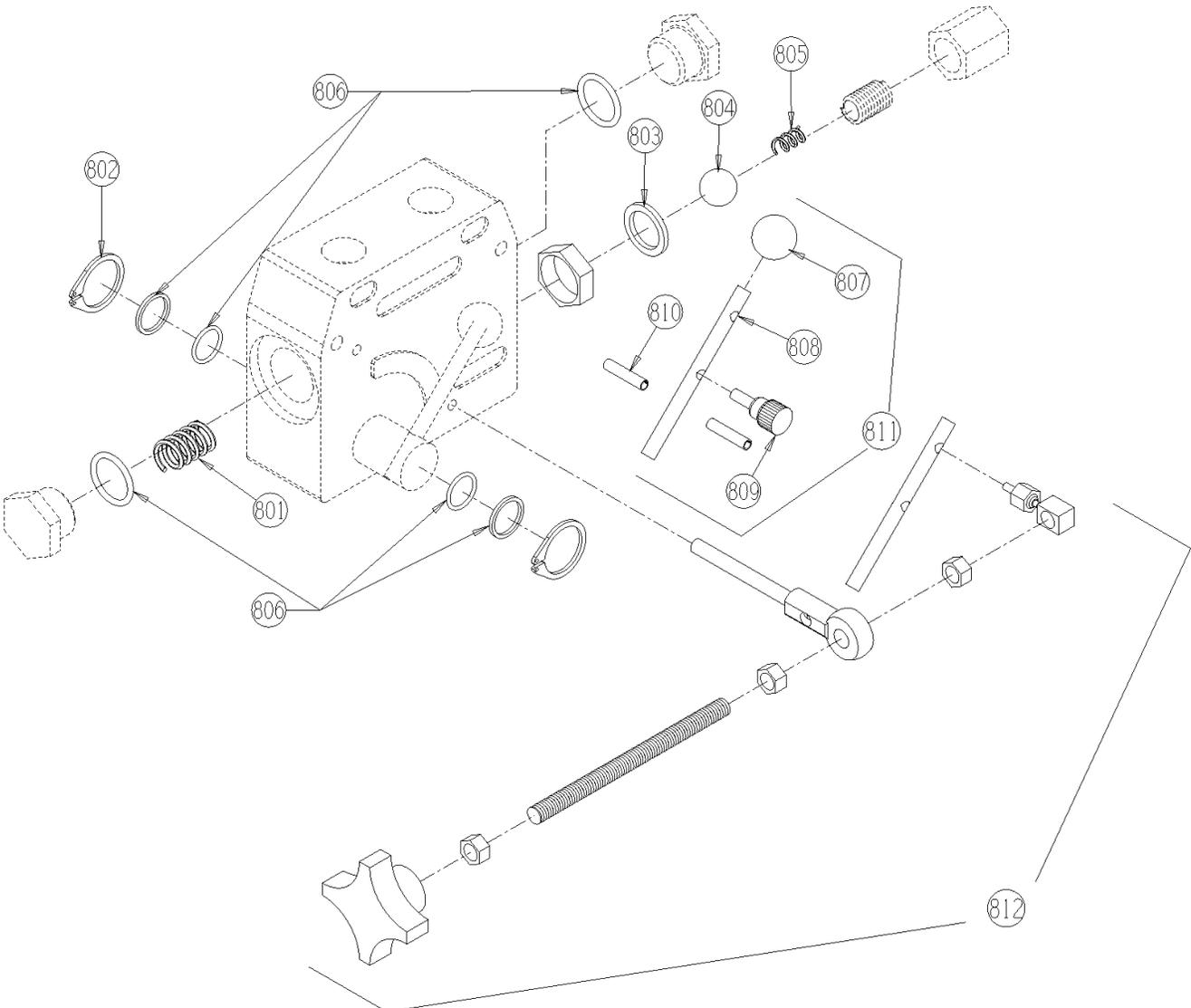
BLUE WIRES TO
FLOW CONTROL



1108-15-23 Prince Flow Control Parts Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
8	HV-FL16	Flow control valve 16GPM	0		
8	HV-FL16-R	Hydraulics, Flow control valve 16GPM	0		
8	HV-FL30	Flow Control Valve 30GPM	0		
8	HV-FL30-R	Hydraulic Flo Control Valve with Relief 30GPM	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

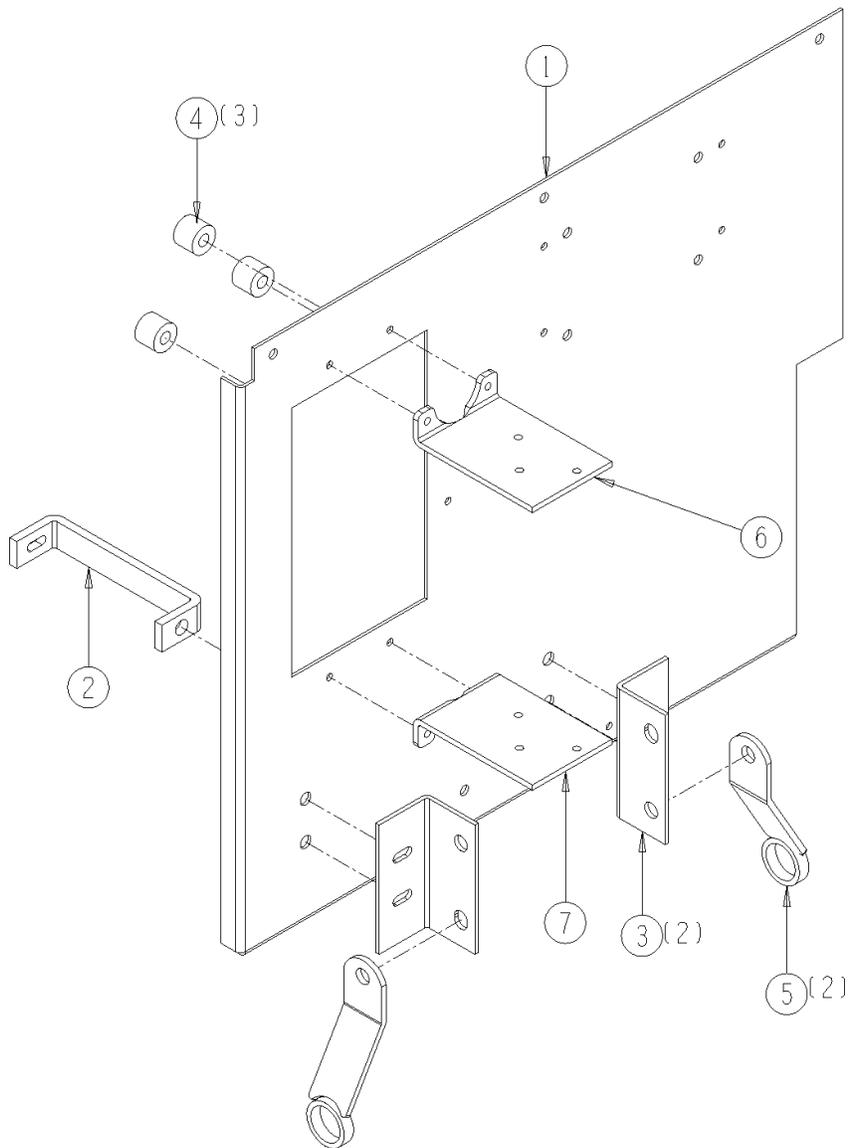
1108-15-23



1108-15-24 Hydraulic Panel Component Mounting Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	PAN-8000	Panel Hydraulic Mount, Discharge, High Cap. Tom	1		
2	BAR-8000	Bar, Support, Brand Valve Panel, HC290	1		
3	SUP-8000	Support, Flow Divider, Hydra. Panel, HC290	2		
4	SPA-6131	Spacer, Gathering Chain Assy, Rollers	3	60097001-	
5	BRA-8000	Bracket, Flow Divider, Panel, HC290	2		
6	MOU-8002	Brand Valve Mount, 290 Tomato	1		
7	MOU-8003	Brand Mount, 290 Tomato	1		
8	DC-1049	Decal, 290 Hyd. Cyl. Valve	1		

1108-15-24



1108-16-1 Hydraulic Cylinder Plumbing Assembly

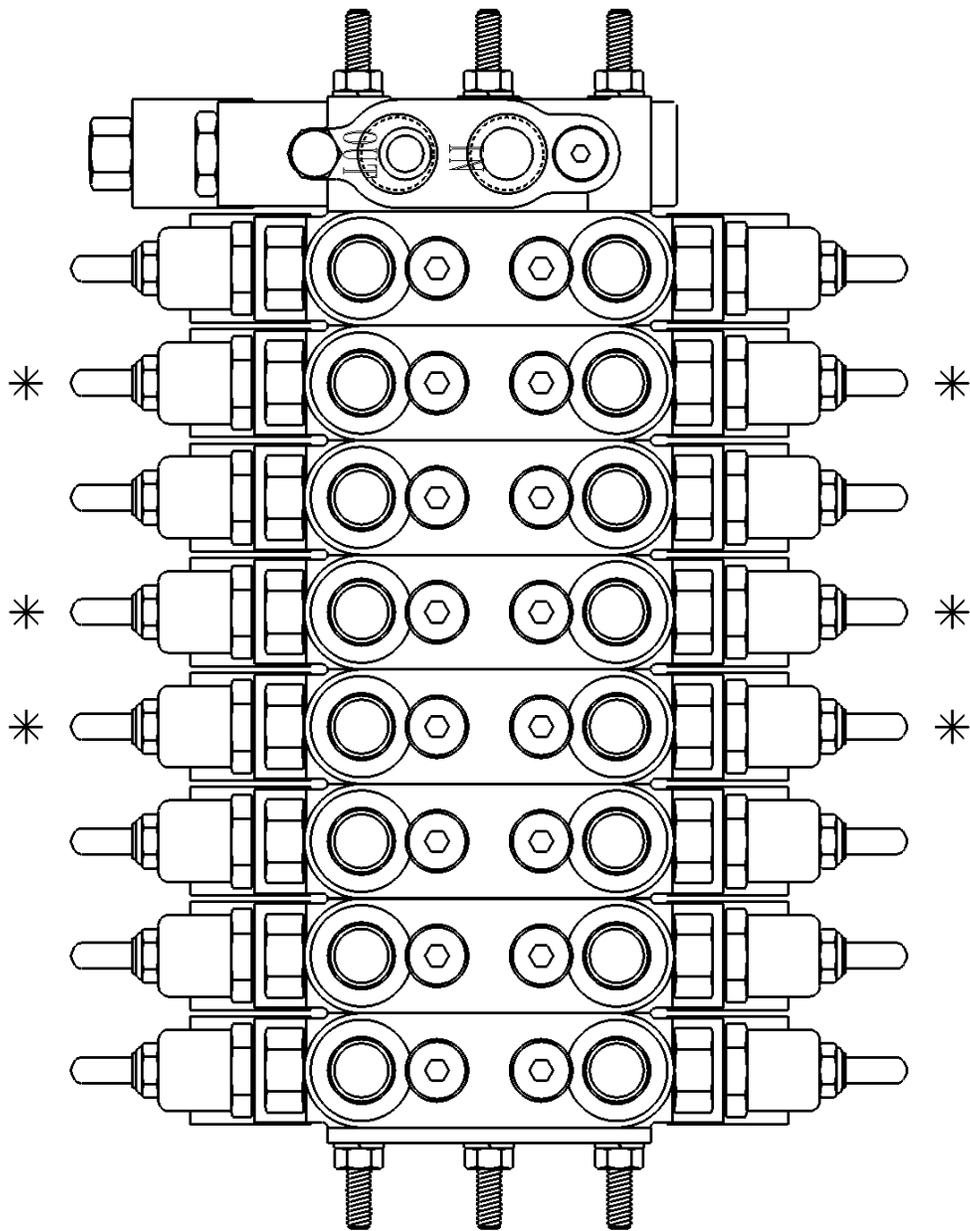
<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	H10-115-8MP-8MP	5/8in Hose 1/2MP x 1/2MP x 115 in Long	1		
0	H10-134-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 134" long	1		
0	H4-102-6MP-6MP	1/4 in Hose 3/8MP x 3/8MP x 102 in Long	1		
0	H4-113-2MP-6MP	1/4" Hose 1/8MP x 3/8MP x 113" Long	4		
0	H4-145-6MP-6MP	1/4 in Hose 3/8MP x 3/8MP x 145in Long	1		
0	H4-160-6MP-6MP	1/4 in hose 3/8 x 3/8 x 160 in long	4		
0	H4-28-6MP-6MP	1/4in Hose 3/8MP x 3/8MP x 28 in Long	2		
0	H4-38-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 38 in long	2		
0	H4-48-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 48 in long	1		
0	H4-84-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 84 in long	1		
0	HY-TRAN	Hytran @ gal	20		
0	SPA-8004	Spacer, Hydraulics, HC290	1		
1	HV-1977	Header Height, Leveling Circuit Valve	4		
2	HA-1037	Pressure Filter	1		Most machines 1997 and previous used Parker filter. 1998> Zinga style
4	HV-1001	Pressure Reducing Valve Cartridge	1		
5	HV-1001-A	Body for Pressure Reducing Valve # 12 SAE ports	1		
6	HV-CKV-800S	1/2" Parker Check Valve	1		
601	A-1501-8-8	1/2 MP x 1/2 FPX90°	4		
602	A-6901-12-8-4SAE	12 SAE x 1/2" FPX 90°w/4 SAE Port, Forged	1		
603	A-6900-8-6	8 SAE x 3/8" FPX With 7/8" Stock Body	15	20095001-	
604	A-6901-10-8	10 SAE x 1/2 FPX90°, Forged	2		
605	A-6901-12-8	12 SAE x 1/2" FPX 90°, Forged	3		
606	A-6901-8-6	8 SAE x 3/8" FPX90°, Forged	17	20095001-	
607	A-6955-8-6-6	8 SAE x 3/8" FPX Tee	5		
608	A-QD2010-8-8	Tractor Quick Coupler, Male, 1/2" w/ FPT	2		
609	A-1602-8-6-6	1/2 FP x 3/8 FPX x 3/8 FPX TEE	2		
610	A-6405-16-8	16 SAE x 1/2"FP	1		
611	A-6901-12-12-4SAE	12 SAE x 3/4" FPX 90°w/4 SAE Port, Forged	1		
612	A-6900-8-6-06	8 SAE x 3/8" FPX Restricted	2		
613	HA-1004-4	Test Point Plug #4 SAE Thread	1		
614	A-6900-4-2	4 SAE x 1/8" FPX	8		
615	A-6901-4-2	4 SAE x 1/8" FPX90° With 9/16" Body, Forged	2		

616	A-1404-8-8	1/2 MP to 1/2 FPX, Straight	1	
617	A-1503-8-8	Elbow, 1/2" MP X 1/2" FPX45°	1	
618	A-1501-6-6	3/8" MP x 3/8" FPX90°	3	
619	A-6408-4	4 SAE Plug	2	
620	A-1501-2-2	1/8" MP x 1/8" FPX90°	2	
621	A-1601-8-8-8	1/2 MP x 1/2 FPX x 1/2 FPX Tee	2	
622	A-5404-8-8	Hex Nipple 1/2" x 1/2"	2	
623	A-6901-10-6	10 SAE x 3/8" FPX90°, Forged	1	
624	A-1603-8-8-8	Swivel T 1/2" NPTF	1	
625	H10-108-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 108 in long	1	
626	H10-192-8MP-8MP	5/8 in hose 1/2MP X 1/2MP x 192 in long	2	
627	H10-32-8MP-12mp	5/8 in hose x 1/2MP x1/2 MPx32 long	1	
628	H10-29-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 29 in long	2	
629	H10-36-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 36 in long	1	
630	H10-38-8MP-8MP	5/8" hose 1/2MP x 1/2MP x 38" long	1	20095001-
631	H10-85-8MP-8MP	5/8 in hose 1/2MP X 1/2MP x 85 in long	1	
632	H4-106-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 106 in long	2	
633	H4-108-6MP-2MP	1/4 in hose 1/8MP x 3/8MP x 108 in long	2	
635	H4-120-6MP-6MP	1/4" Hose 3/8MP x 3/8MP x 120" Long	1	
636	H4-152-6MP-2MP	1/4 in hose 1/8MP x 3/8MP x 152 in long	2	
639	H4-257-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 257 in long	2	
640	H4-296-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 296 in long	2	
641	H4-30-6MP-6MP	1/4 IN HOSE 3/8MP x 3/8MP x 30 LONG	1	
642	H4-52-6MP-6MP	1/4" Hose 3/8MP x 3/8MP x 52" Long	1	
643	H4-75-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 75 in long	1	
644	H4-90-6MP-6MP	1/4 in hose 3/8MP x 3/8MP x 90 in long	2	
645	A-1601-6-6-6	3/8 MP x 3/8 FPX x 3/8FPX Tee	1	
646	A-1501-8-6	1/2 MP x 3/8 FPX 90°	2	
649	H10-42-8MP-8MP	5/8 in hose 1/2MP x 1/2MP x 42 in long	2	

1108-16-2 Hydraulic Cylinder Control Bank

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	HVB-1049	Directional Control Valve Bank, 8 Section, 36 Series	1		

1108-16-2



* SECTIONS WITH STEEL SEATS

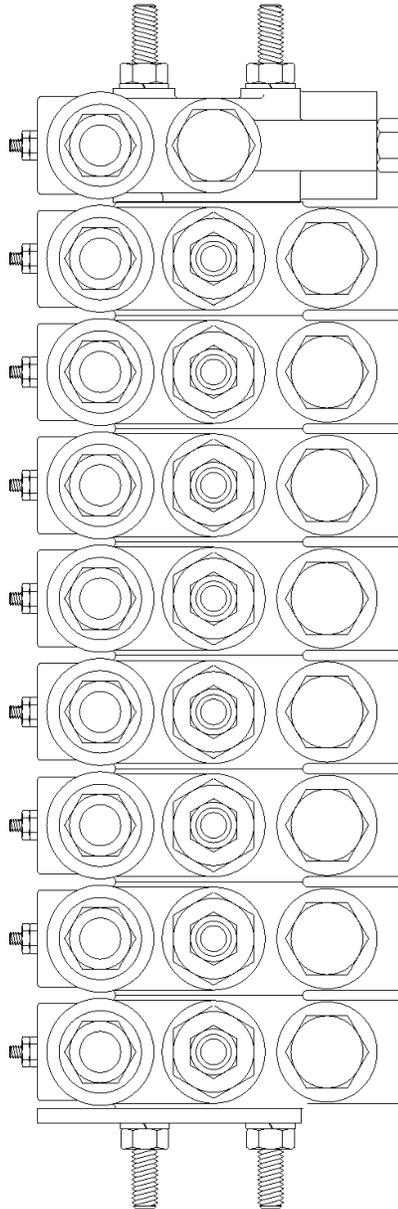
1108-16-3 Electric/Hydraulic Valve Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HVE-1036BL	Brand Valve Section with Locks	8	HVE-1076, HVE-3046,	Complete, w/o Cartridges & Coils w/ 3 shims & o-rings
2	HVE-1036C	Unloaded Inlet Section	1		
3	HVE-1036S	Shim (Between Sections)	24		
4	HVE-1037H	O Ring (Parker #2-012)	3		
6	HVE-1037M	Tie Rod Kit for Tomato Harvester	1		
7	HVE-1037O	O-Ring, Buna N 90 Durometer	24		
8	HVE-1037Q	Backup for O-Ring (Parker #3-012)	3		
9	HVE-1046C	Plug, End Section, Brand Valve	3		
10	HVE-1046Z	End Plate, Valve Stack	1		
101	BL-5-LW	5/16 SPLIT LW ZC	6		
102	BL-5-N	5/16 UNF FIN HEX NUT A563 GrA ZINC	6		

1108-16-3

ADJ. FACING FORWARD LISTED
BELOW REAR ADJ. FOR OPPOSITE
SETTING OF LISTED BELOW

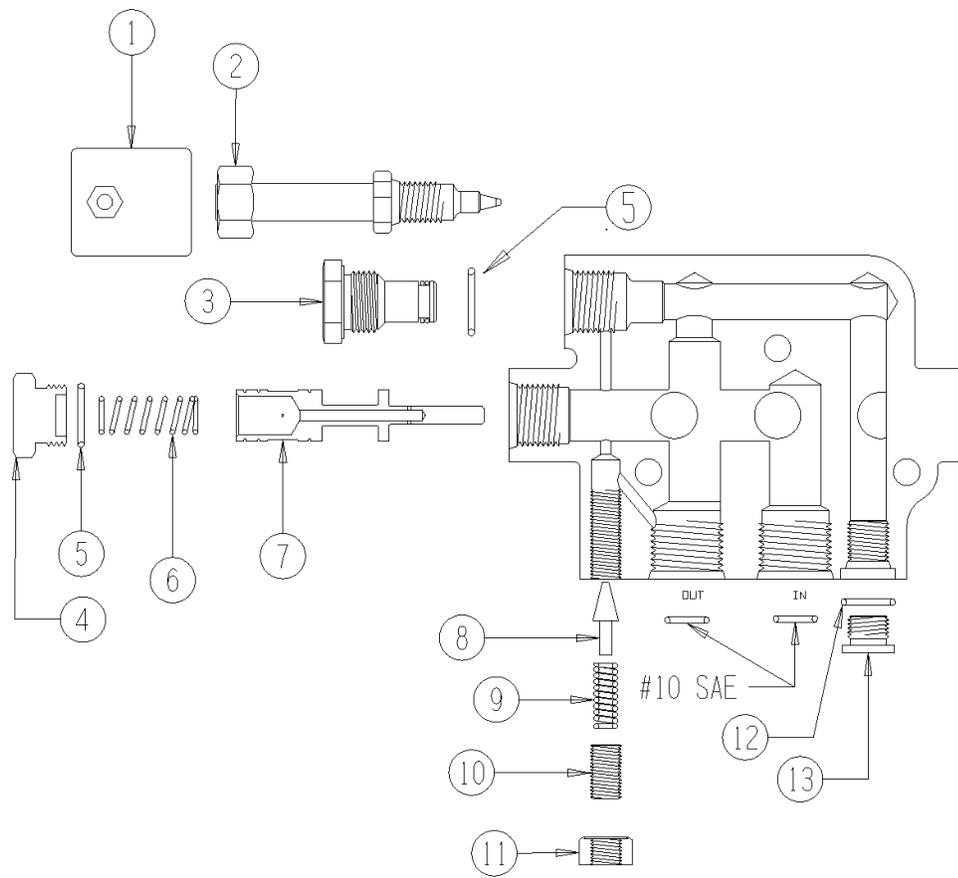
UNLOAD SECTION
AXLE STEERING STEER TO LEFT
LOWER DISCHARGE DOWN
LEVELING CYLINDER TILT LEFT
OUTER DISCHARGE BOOM UP
MIDDLE DISCHARGE BOOM UP
SLIDING HITCH STEER FRONT RIGHT
OUTSIDE HEADER DOWN
INSIDE HEADER DOWN



1108-16-4 Electric/Hydraulic Unloading Inlet Section

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HVE-1036P	Coil	1		Replaces HA-431-B on Manifold Block.
2	HVE-1036N	Unloading Section Cartridge	1		
3	HVE-1036D	Closed Center Plug	1		
4	HVE-1037D	Unloading Cap	1		
5	HVE-1037P	O-Ring	2		
6	HVE-1037B	Unloading Spring	1		
7	HVE-1037C	Unloading Spool	1		
8	HVE-1037A	Relief Poppet	1		
9	HVE-1036K	Unload Section Relief Spring (Bare Metal-no color)	1		
10	HVE-1037E	Adjusting Screw	1		
11	HVE-1037Y	Nut, Nylon Insert, Sealing	1		Replaces HVE-1037F
12	HVE-1037J	O Ring	1		
13	A-6408-5HHP	#5 SAE Hollow Hex Plug	1		Replaces HVE-1037V

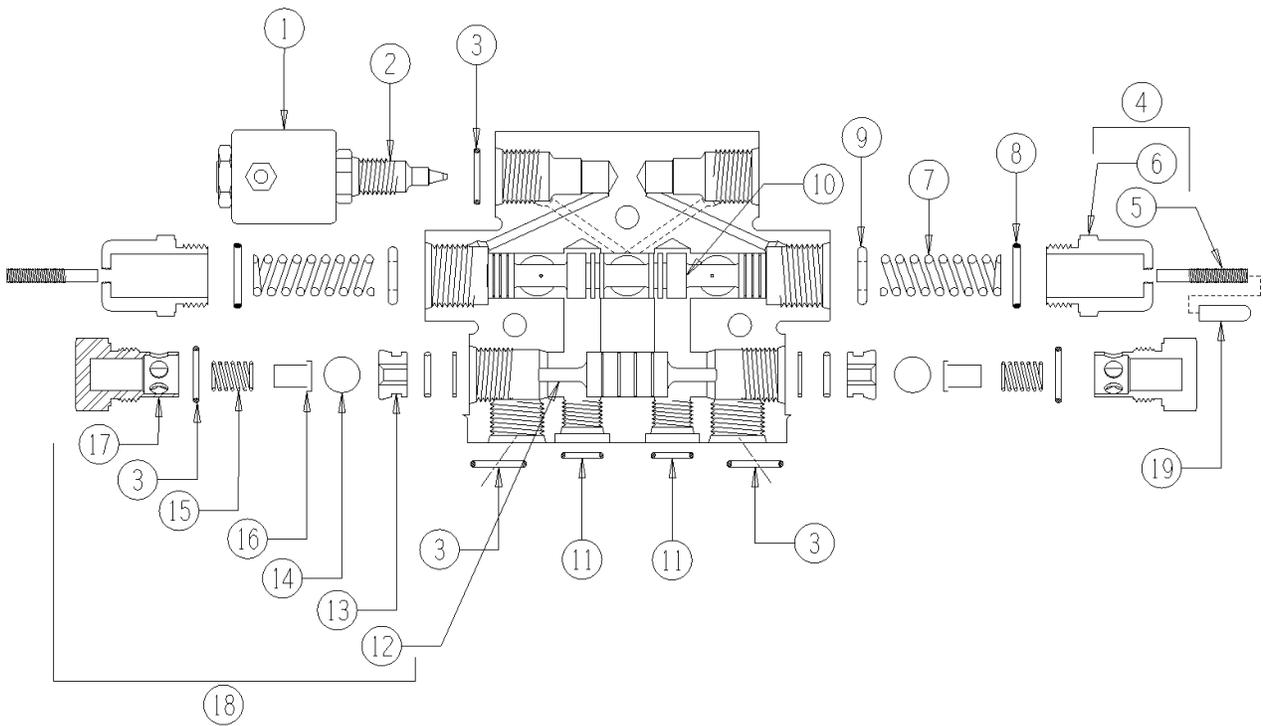
1108-16-4



1108-16-5 Ele./Hyd. Double Locking Valve Section

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HVE-1036P	Coil	2		Replaces HA-431-B on Manifold Block.
2	HVE-1036M	Work Section Cartridge	2		
3	HVE-1037P	O-Ring	4		
4	HVE-1036R	Manual Override Kit for Brand 36 Valve	2		
5	BL-5-250-SS	5/16-24 x 2 1/2" Set Screw, Cup Point	2		
6	HVE-1036WT	End Cap, Threaded for Manual Override	2		
7	HVE-1036Y	Spool Spring for End Cap	2		Replaces # HVE-1036L
8	HVE-1036X	"O" Ring for End Cap	2		
9	HVE-1046V	End spacer for Work Section	2		
10	HVE-1036Z	Spool, Double-Lock Section	1		
11	A-OR-6	O Ring for #6 Adapter	2		
12	HVE-1046P	Lock Spool	1		
13	HVE-1046T	Seat, Delrin	2		REPLACES HVE-1046U & HVE-1047U
14	HVE-1047R	7/16" Steel Ball	2		
15	HVE-1046S	Spring	2		
16	HVE-1047Q	7/16" Spring Plunger	2		
17	HVE-1047W	End Cap, Double Lock Spring Retainer for 7/16" Ball	2		
18	HVE-1037K	Double Lock Rebuild Kit w/ Delrin Seat	1		
19	HVE-1036R-PC	Plastic Cover for Manual Override Kit	2		
20	A-6408-6HHP	#6 SAE Hollow Hex Plug	2		

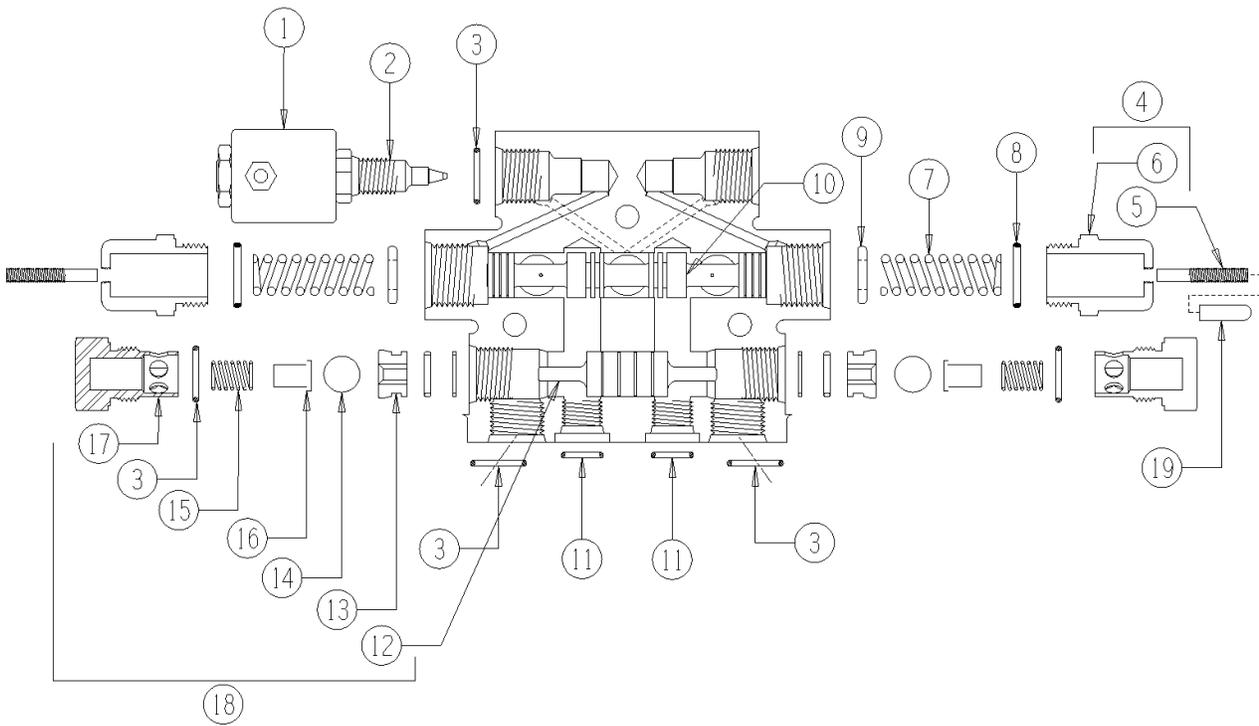
1108-16-5



1108-16-6 Double Locking Valve Section w/Steel Seats

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	HVE-1036P	Coil	2		Replaces HA-431-B on Manifold Block.
2	HVE-1036M	Work Section Cartridge	2		
3	HVE-1037P	O-Ring	4		
4	HVE-1036R	Manual Override Kit for Brand 36 Valve	2		
5	BL-5-250-SS	5/16-24 x 2 1/2" Set Screw, Cup Point	2		
6	HVE-1036WT	End Cap, Threaded for Manual Override	2		
7	HVE-1036Y	Spool Spring for End Cap	2		Replaces # HVE-1036L
8	HVE-1036X	"O" Ring for End Cap	2		
9	HVE-1046V	End spacer for Work Section	2		
10	HVE-1036Z	Spool, Double-Lock Section	1		
11	A-OR-6	O Ring for #6 Adapter	2		
12	HVE-1046P	Lock Spool	1		
13	HVE-1046U	Seat, For 1/2" Ball, Steel [hard steel, not Heat Treated]	2		
14	HVE-1047R	7/16" Steel Ball	2		
15	HVE-1046S	Spring	2		
16	HVE-1047Q	7/16" Spring Plunger	2		
17	HVE-1047W	End Cap, Double Lock Spring Retainer for 7/16" Ball	2		
18	HVE-1037K	Double Lock Rebuild Kit w/ Delrin Seat	1		
19	HVE-1036R-PC	Plastic Cover for Manual Override Kit	2		
20	A-6408-6HHP	#6 SAE Hollow Hex Plug	2		

1108-16-6



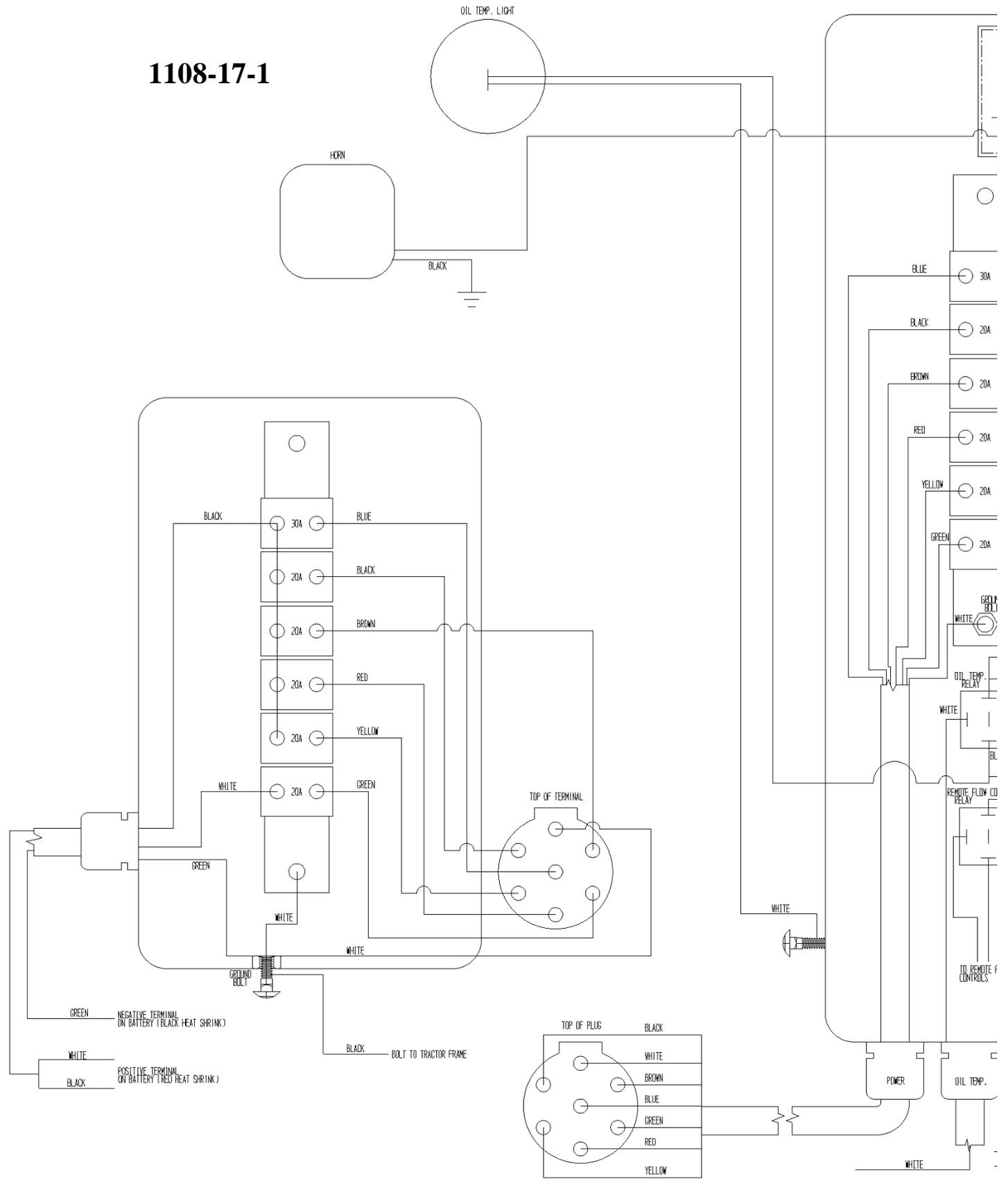
1108-17-1 Electric Component Assembly

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	EL-0015	DIN Rail 6Ft	1.1666666 6666667		
0	EL-1210	Plug, Mkr, 6" long, #6 Grnd Term & strip, TL#94902	1		
0	EL-1269	Power Cord 7-Prong Gooseneck Hitch	1		
0	EL-46103	1 1/2 Amp Fuse, Type AGC	4		
0	ELC-042-28	Actuator Cable Only 28'	1		
0	ELC-2612	1/2" Plastic Cord Connector	17		
0	ELC-2634	3/4" Plastic Cord Connector	1		
0	ELC-8007	Level Control Cable 26', HC290	1		
0	ELC-8013	Alarm Power Cable 1', HC290	1		
0	ELE-24407	Locking Hole Plug, 5/8"	2		
0	ELE-24411	7/8" Hole Plug	2		
0	ELL-25-0	1/4" Wire Loom @ft	223		
0	ELL-375	3/8" Wire Loom @ft	44		
0	ELS-1256	Machine Leveler, Complete	1	190 & HC290	Use ELS-1253
0	ELT-30502	Ring Terminal #8 x 18-22ga	2		
0	ELT-30511	Female Push On 18-22 ga	1		
0	ELT-31004	Terminal Ring, 1/4", 16-14 Gauge, Non-insulated	11		
0	ELT-31207	Terminal Ring, 1/2", 16-14 Gauge, Non-insulated with Brazed Seam	3		
0	ELT-31712	Push On Male 14-16 ga	20	HV-1045K	
0	ELT-31713	Push On Female Terminal 14-16 ga.	50	HV-1045K	
0	ELT-31753	Snap Spade Terminal, #6, 16-14 Blue	16		
0	ELT-31755	Snap Spade Terminal #10 x 14-16ga	3	HV-1045K	
0	ELT-32203	Terminal Ring, 1/4", 12-10 Gauge, Non-insulated w/Brazed Seam	3		
0	ELT-32572	T-Tap 12ga	6		
0	ELT-32714	Fully Insulated Male PushOn 10-12ga	18		
0	ELT-32715	Full Insulated Female Push On 10-12ga	18		
0	ELT-32755	Snap Spade Connectors #10 10-12	11		
0	ELT-52565	Ring Terminal 5/16 x 14-16ga	7	HV-1045K	
0	TL-406	Round Unthreaded Plastic Spacer	16		
0	WT-3	3 3/4" Wire Tie	50		
1	ELP-8002	290 Electrical Panel	1		
2	ELP-8001	Converter Box, HC290 Tomato	1		

3	BAR-1510	Bar, Light Holder	4	
4	EL-1233	Light, Auxiliary Work Light, Clear, Trapezoid Beam, TL#80394	7	Replaces EL-1201

≡ = GROUND

1108-17-1



1108-17-2 Control Box Electrical Assembly

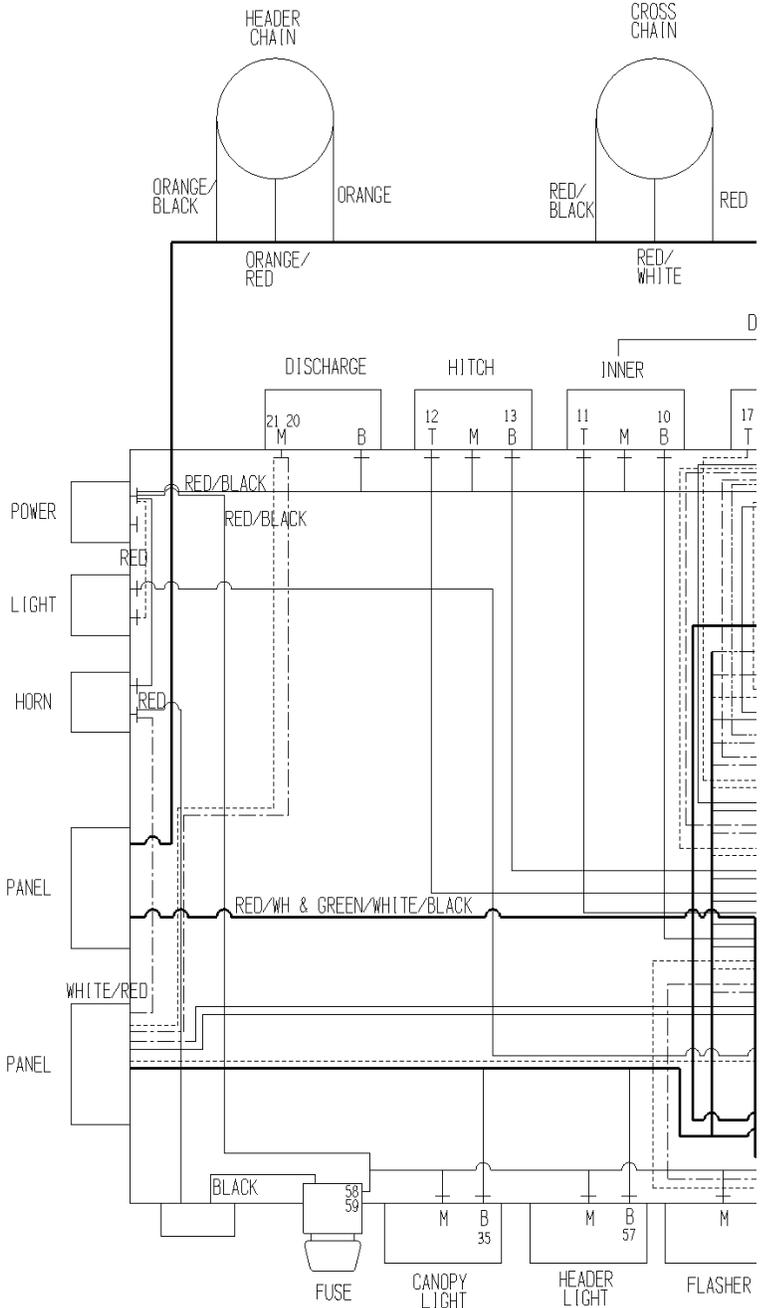
<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	EL-102	Lock Nut for Electrical Connectors ¾"	1		
0	EL-1206	Double Amber Lamp	3		
0	EL-6600	Warning Horn	1		
0	EL-6610	Horn Switch	1		
0	EL-8000	Control Box, HC290	1		
0	ELC-2634	¾" Plastic Cord Connector	1		
0	ELC-2638	3/8" Plastic Cord Connector	3		
0	ELC-8002	Shaft Sensor Control Cable 32', HC290	1		
0	ELC-8011	Alarm Switch Cable 23', HC290	1		
0	ELC-8013	Alarm Power Cable 1', HC290	1		
0	ELC-8014	Discharge Valve Cable, 12' HC290	1		
0	ELM-106-D	Reed Switch Kit, 1"	4		
0	ELM-106-M	Magnet Assembly	6		
0	SHD-1206	Shield, Flashing Light	3	30097001- 19601-	
0	SPG-9654	extension Spring for Horn Switch	1		
0	TRP-0006	Nylon Rope #6 @ foot	20		
0	WT-14	Wire Tie 14 1/4"	30		
0	WT-17H	Heavy Duty Wire Tie 17.5"	20		
0	WT-4	Wire Tie, 3 ¾"	10		
800	DC-0012	Decal, "Warning, Sound Horn Before Engaging PTO", Control Box, Harvester	1		
801	DC-0040	Decal, Level Control	1		
802	DC-0046	Decal, HC 290, Control Box, '03	1		
803	ELC-10-R	10 Gauge Wire, Red	54		
804	ELC-10-WH	10 Gauge Wire, White	6		
805	ELC-14-BL	14 Gauge Wire (Blue)	28		
806	ELC-16-G	16 Gauge Wire (Green)	48		
807	ELC-16-O	16 Gauge Wire (Orange)	30		
807	ELT-32755	Snap Spade Connectors #10 10-12	4		
808	ELC-16-Y	16 Gauge Wire (Yellow)	60		

WIRE COLOR CODE FOR 63 PLUG

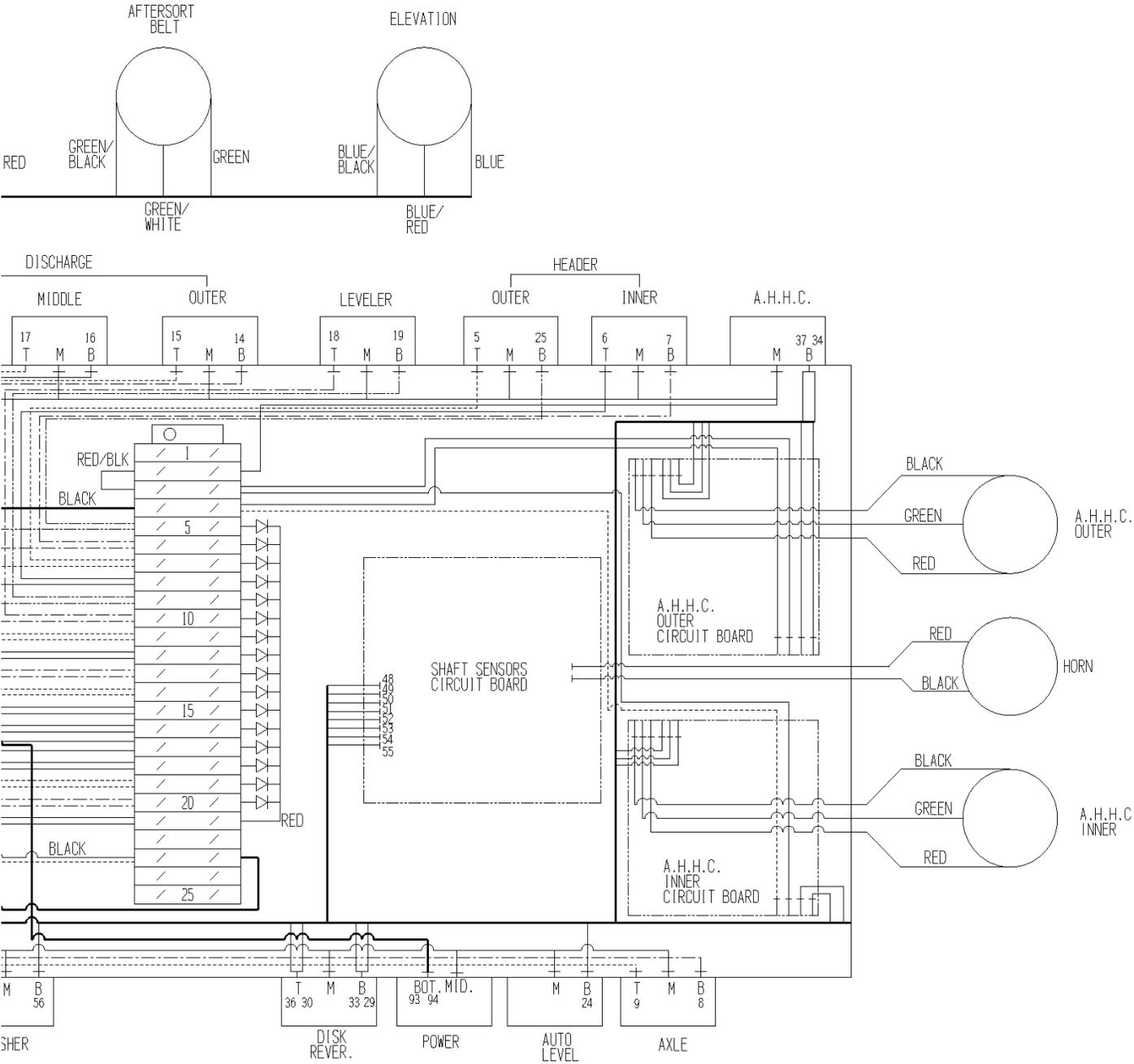
1. BLACK
2. WHITE
3. RED
4. GREEN
5. ORANGE
6. BLUE
7. YELLOW
8. PINK
9. BROWN
10. PURPLE
11. GREY
12. CREAM
13. WHITE-BLACK
14. WHITE-BLACK-BLACK
15. WHITE-BLACK-RED
16. WHITE-BLACK-GREEN
17. WHITE-BLACK-ORANGE
18. WHITE-BLACK-BLUE
19. WHITE-BLACK-YELLOW
20. WHITE-BLACK-BROWN
21. WHITE-BLACK-PURPLE
22. WHITE-BLACK-GREY
23. WHITE-RED
24. WHITE-RED-RED
25. WHITE-RED-GREEN
26. WHITE-RED-BLACK
27. WHITE-RED-BLUE
28. WHITE-RED-BROWN
29. WHITE-RED-PURPLE
30. WHITE-GREEN
31. WHITE-GREEN-GREEN
32. WHITE-GREEN-BLUE
33. WHITE-GREEN-BLACK
34. WHITE-GREEN-RED
35. WHITE-GREEN-BROWN
36. WHITE-GREEN-PURPLE
37. WHITE-ORANGE
38. WHITE-YELLOW
39. WHITE-GREY
40. WHITE-BLUE
41. WHITE-BLUE-BLUE
42. WHITE-BLUE-BLACK
43. WHITE-BLUE-RED
44. WHITE-BLUE-GREEN
45. WHITE-BLUE-BROWN
46. WHITE-BLUE-PURPLE
47. WHITE-BROWN
48. WHITE-BROWN-BROWN
49. WHITE-BROWN-BLACK
50. WHITE-BROWN-RED
51. WHITE-BROWN-GREEN
52. WHITE-BROWN-BLUE
53. WHITE-BROWN-PURPLE
54. WHITE-PURPLE
55. WHITE-PURPLE-RED
56. WHITE-PURPLE-GREEN
57. WHITE-PURPLE-BLUE
58. RED-BLACK
59. RED-GREEN
- 60.
- 61.
- 62.
- 63.

WIRE COLOR CODE FOR 37 PLUG

70. GREEN
71. WHITE
72. RED
73. GREEN
74. ORANGE
75. BLUE
76. WHITE-BLACK
77. RED-BLACK
78. GREEN-BLACK
79. ORANGE-BLACK
80. BLUE-BLACK
81. BLACK-WHITE
82. RED-WHITE
83. GREEN-WHITE
84. BLUE-WHITE
85. BLACK-RED
86. WHITE-RED
87. ORANGE-RED
88. BLUE-RED
89. RED-GREEN
90. ORANGE-GREEN
91. BLACK-WHITE-RED
92. WHITE-RED-BLACK
93. RED-WHITE-BLACK
94. GREEN-WHITE-BLACK
95. ORANGE-WHITE-BLACK
96. BLUE-WHITE-BLACK
97. BLACK-RED-GREEN
98. RED-GREEN-WHITE
99. BLACK-GREEN-WHITE
100. WHITE-GREEN-RED
101. RED-GREEN-BLACK
102. WHITE-GREEN-BLACK
103. ORANGE-GREEN-BLACK
104. BLUE-WHITE-ORANGE
105. BLACK-WHITE-ORANGE
106. WHITE-BLUE-RED



1108-17-2

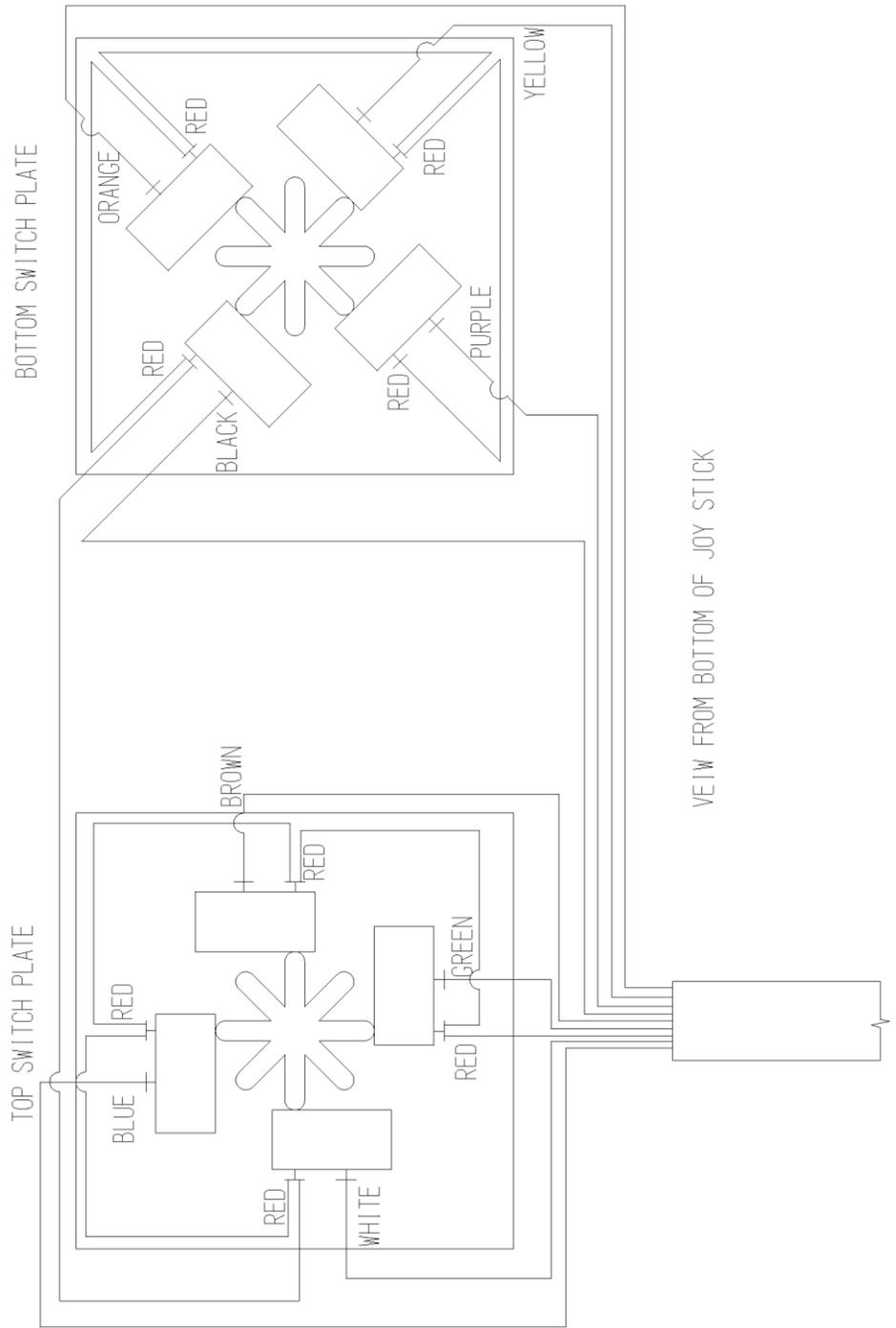


1108-17-3 Optional Joy Stick Header Control

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
1	ELJ-004	Joystick Contol, 290	1		

16 PRONG PLUG COLOR CODE

- 1. RED
- 2. BLACK
- 3. GREEN
- 4. WHITE
- 5. YELLOW
- 6. ORANGE
- 7. PURPLE
- 8. BLUE
- 9. BROWN
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.



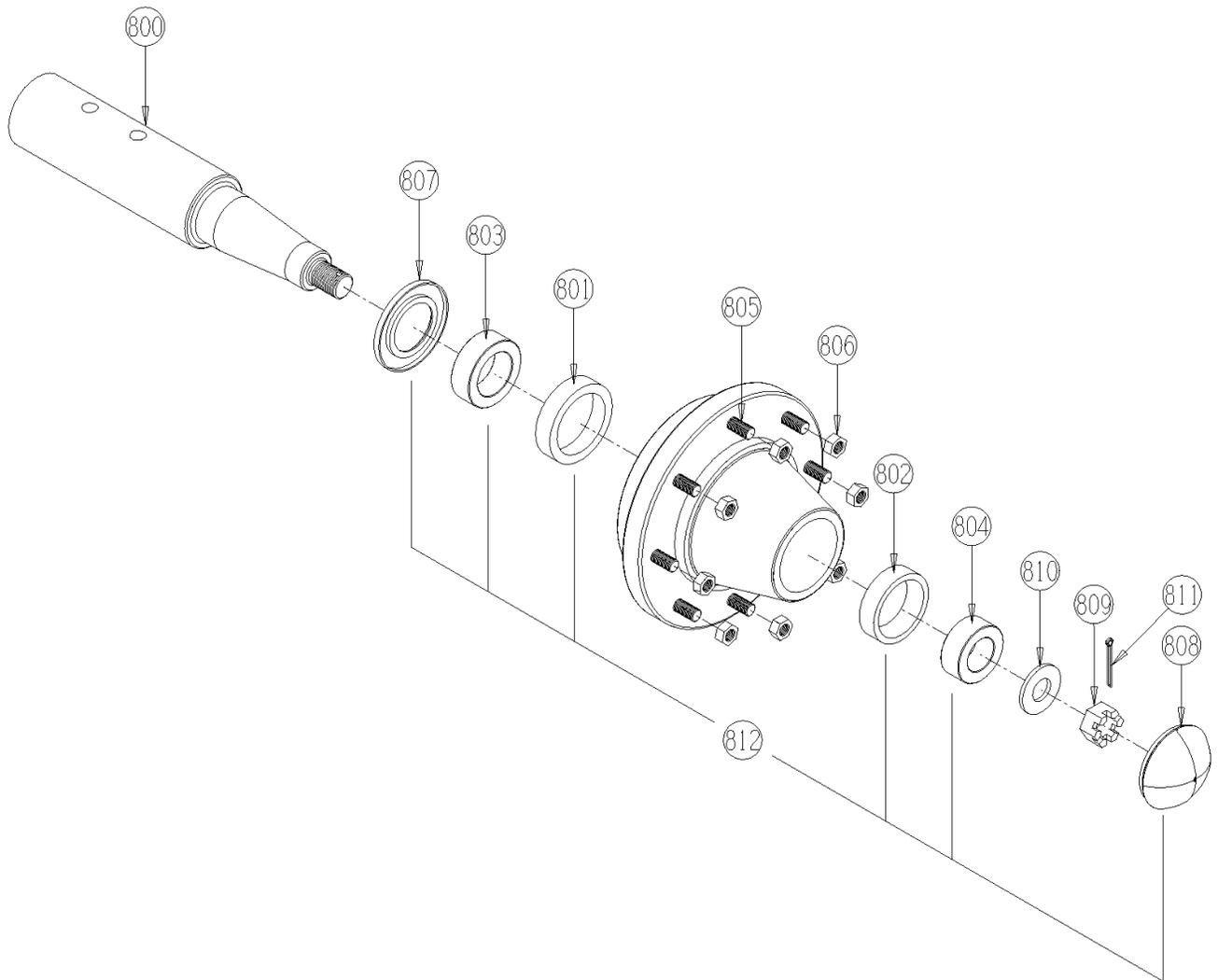
VIEW FROM BOTTOM OF JOY STICK

1108-17-3

1108-18-1 WHL-3000 Hub & Spindle Replacement Parts

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
800	WHL-3001	Spindle 3" x 16"	4	WHL-3000	
801	WHL-3000A	Inner Cup	4	WHL-3000	
802	WHL-3000B	Outer Cup	4	WHL-3000	
803	WHL-3000C	Inner Cone	4	WHL-3000	
804	WHL-3000D	Outer Cone	4	WHL-3000	
805	WHL-3000E	Stud Bolt	32	WHL-3000	
806	WHL-3000F	Lug Nut	32	WHL-3000	
807	WHL-3000G	Seal	4	WHL-3000	
808	WHL-3000H	Hub Cap	4	WHL-3000	3 1/8 od
809	WHL-3000J	Spindle Nut	4	WHL-3000	
810	WHL-3000K	Spindle Washer	4	WHL-3000	
811	PIN-C3-16-32	Cotter Pin 3/16 x 2"	4		
812	WBR-3000K	Wheel Bearing Kit for WHL-3000 Hub & Spindle Assy.	4	WHL-3000	

1108-18-1



1108-18-2 HM-412C Hydraulic Motor Replacement Parts

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
800	HM-412B	Key for Hydraulic Motor -Shaker Weight-Vibrator	1	HM-412C & HM-712C	
801	HM-2686	Snap Ring, Commercial Motor	1	HM-1020	
802	HM-0381	Ball Bearing, Motor	1	HM-1020	
803	HM-2585	Ring Seal, Commercial Motor	2	HM-1020	
804	HM-1801	Seal Kit for Commercial Intertech	1	P20 & M20 Series	Includes:(1) Length of HM- 2882,(1)HM-2883,(2)HM-2884

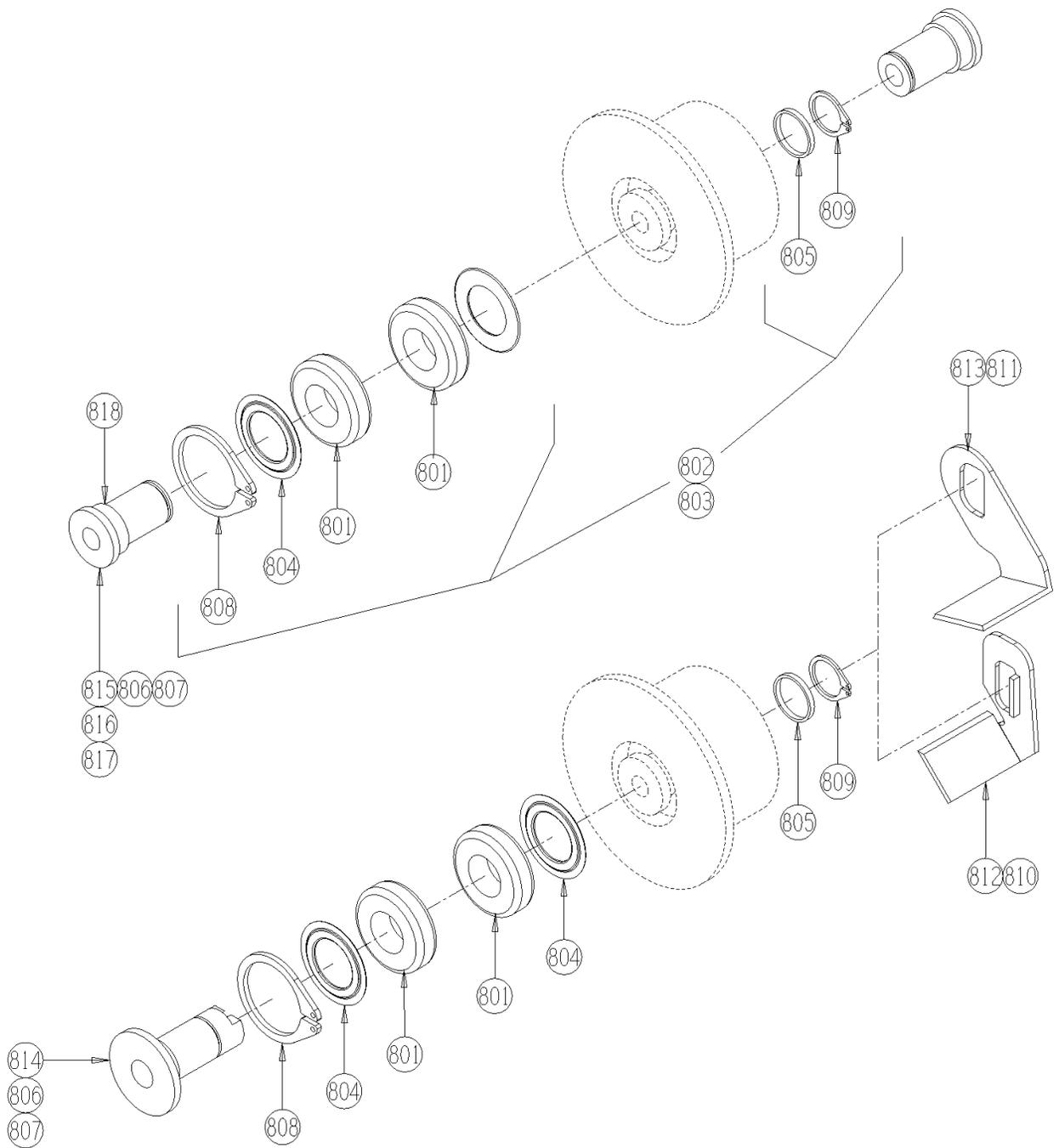
1108-18-3 SRT-1548 48" Odenberg Sorter Replacement Parts

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
0	ELC-8012	Sorter Power Cable 32', HC290	1		

1108-18-4 Steel Roller Replacement Parts

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
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: 3/4" bore, 2" Length	1		
818	RLT-SSW1	Stub Shaft for Rollers: 1/2" Bore, 1 1/4" Length	1		RLT-535-12*

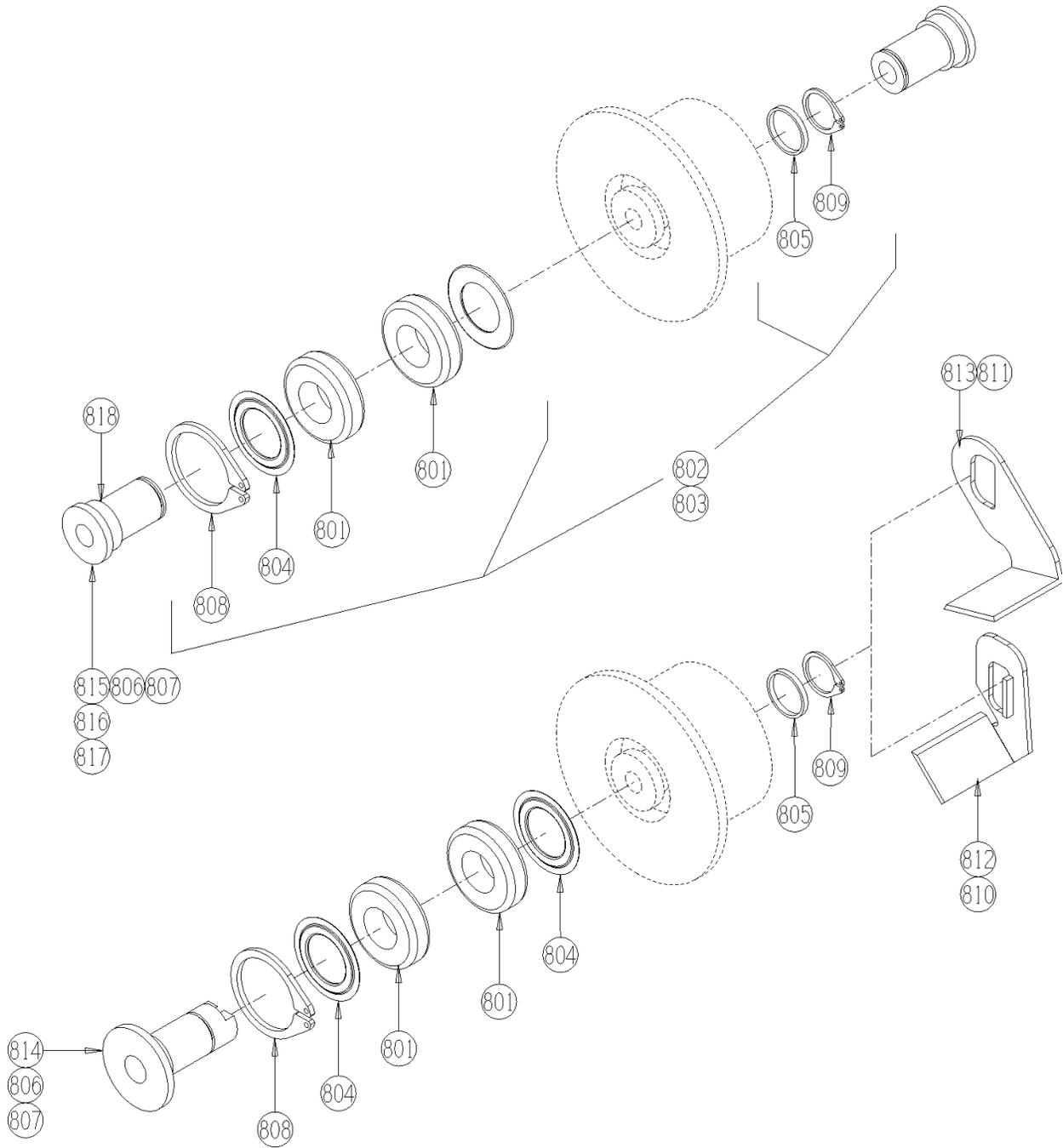
1108-18-4



1108-18-5 3.5 Dia. Roller Replacement Parts

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
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: 3/4" bore, 2" Length	1		
818	RLT-SSW1	Stub Shaft for Rollers: 1/2" Bore, 1 1/4" Length	1		RLT-535-12*

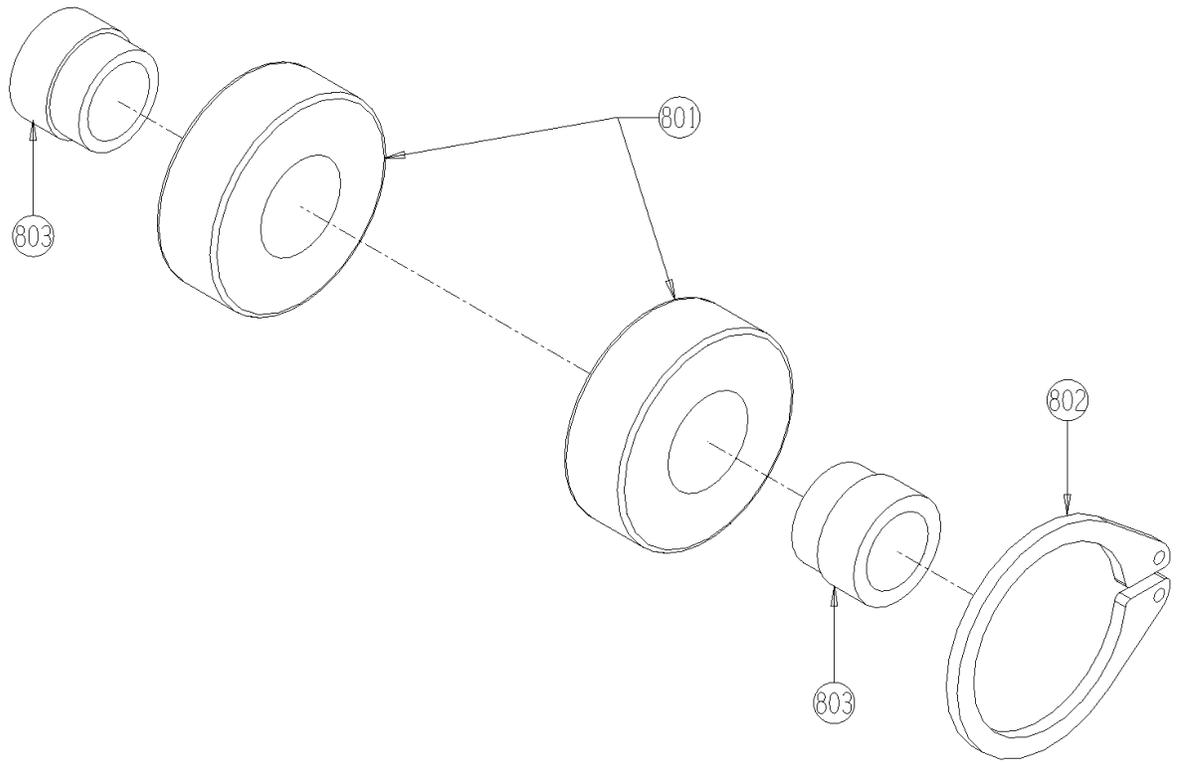
1108-18-5



1108-18-6 2.75 Dia. Roller Replacement Parts

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
801	BR-017-040	Bearing for Vibrator Roller	2		
802	RLA-0275-SR4	Snap Ring for Vibrator Roller	1	RLT-027-108	
803	RLT-SSC1	Stub Shaft for Vibrator Roller	2		

1108-18-6



1108-18-7 Disk Reverser Replacement Parts

<u>Ref</u>	<u>Part No.</u>	<u>Description</u>	<u>Parts – Assembly</u>	<u>Will Fit SN</u>	<u>Remarks</u>
801	HV-1045-D	Replacement Cartridge for Reversing Valve	2	HV-1045	
802	HV-1045-C	Replacement Coil for Reversing/No Drift Valve	2	HV-1045, HV-910	replaces HV-910-B

