

MAGNUM SRA SERIES

PARTS MANUAL



MAGNUM 300SRA
MAGNUM 420SRA
MAGNUM 480SRA

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SRA SERIES

MAGNUM 300SRA/420SRA/480SRA PARTS MANUAL

The purpose of this manual is for parts identification of the Magnum SR series harvester. This manual is not to be used for assembly. This manual includes parts lists and illustrations of all available replacement parts for the Magnum SR series harvesters. A table of contents is placed at the beginning of the manual for location of specific parts. Keep this manual available for reference in the shop area.

At the time of publication all information contained in this manual was technically correct. However, all materials and specifications are subject to change without notice.

Comments and suggestions about this manual may be directed to: Bucyrus Equipment Co., Inc., PO Box 156-209 Main, Hillsdale, KS 66036. Phone 1-800-330-0857

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TABLE OF CONTENTS

Section 1	420/480 Floating Heads
Section 2	420/480 Solid Heads / Coulter Option
Section 3	300 Solid Heads / Coulter Option
Section 4	Depth Control
Section 5	1 st Conveyor
Section 6	2 nd Conveyor
Section 7	Chop Offs
Section 8	Net Dispenser
Section 9	Tube Racks
Section 10	Control Panel Box
Section 11	Wheel/Hub & Pulse Pickup Assembly
Section 12	Auto Steer
Section 13	Hydraulic Components
Section 14	Flow Control Valve
Section 15	Chop Valve

Section 16 Accumulator

Section 17 Hydraulic Tank & Increaser

Section 18 Hose/Hardline Mounts

Section 19 Electrical Components

2nd CONVEYOR

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AR-SC100	Main frame
2	1	11110513	Hydraulic motor
		11094003	Speed Sensor
3	2	SC126	Hydraulic motor pull bracket
4	1	60BS11HT114	Drive sprocket
5	1	60BS15HT1	Driven sprocket
6	1	SC400 (vertical conveyor) SC401 (horizontal conveyor)	Conveyor drive chain
7	2	60Hconlink	Master link
8	3	420B10038	1/4" Key stock, 1 1/2" long
8A	1	WDRF1/4-5/16X1 1/4	Step Key
9	8	FL100	Flange bearing
10	4	TB100	Tapped pillow block bearing
11	1	SC129	Horizontal conveyor idler shaft
12	1	SC130	Horizontal conveyor drive shaft
13	6	480FC109	1/4" KEYSTOCK
14	9	13003	1/4"-20 x 3/4" Grade 5 Zinc Finish Hex Cap Screw
15	9	SC127	Sprocket hub
16	24	04-102	Plastic sprocket
17	9	SC128	Flange
18	9	33891	1/4" Zinc Finish High Alloy Split Lock Washer
19	9	36302	1/4"-20 Zinc Finish Grade 5 Finished Hex Nut
20	2	1113823	Jack screw- 1/2"-13 x 2 1/2" Grade 5 Zinc Plated Tap Bolt
21	2	36210	1/2"-13 ASTM A563 Grade A Zinc Finish Steel Jam Nut
22	4	15210	1/2"-13 x 1-3/4" Grade 8 Yellow Zinc Finish Hex Cap Screw
23	2	33817	1/2"Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
24	4	13159	7/16"-14 x 1-1/2" Grade 5 Zinc Finish Hex Cap Screw
25	4	33816	7/16" Yellow Zinc Finish SAE Thru-Hardened Flat Washer
26	8	13105	3/8"-16 x 1" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
27	8	33893	3/8" Yellow Zinc Finish High Alloy Medium Split Lock Washer
28	8	33859	3/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
29	16	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
30	16	33894	7/16" Yellow Zinc Finish High Alloy Med Split Lock Washer
31	8	13109	3/8"-16 x 1-1/2" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
32	4	33893	3/8" Yellow Zinc Finish High Alloy Medium Split Lock Washer
33	2	SC150	Stationary finger
34	4	13159	7/16"-14 x 1-1/2" Grade 5 Zinc Finish Hex Cap Screw
35	4	33816	7/16" Yellow Zinc Finish SAE Thru-Hardened Flat Washer
36	2	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
37	2	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
38	1	SC130	Vertical conveyor drive shaft
39	1	BH100	Bearing hanger
40	1	AR-SC200	Support
41	2	33817	1/2" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
42	2	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
43	2	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut

2nd CONVEYOR

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
44	1	DS200-X	Hydraulic motor
45	1	60BS14HT1	Driven Sprocket
46	1	SC129	Vertical conveyor idler shaft
47	4	13209	1/2"-13x1-1/2" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
48	4	33817	1/2" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
49	4	13105	3/8"-16 x 1" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
50	4	33893	3/8" Yellow Zinc Finish High Alloy Medium Split Lock Washer
51	4	33859	3/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
52	2	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
53	2	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
54	2	33817	1/2" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
55	2	13209	1/2"-13x1-1/2" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
56	2	33817	1/2" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
57	4	13105	3/8"-16 x 1" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
58	8	33893	3/8" Yellow Zinc Finish High Alloy Medium Split Lock Washer
59	4	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
60	4	13159	7/16"-14 x 1-1/2" Grade 5 Zinc Finish Hex Cap Screw
61	4	33816	7/16" Yellow Zinc Finish SAE Thru-Hardened Flat Washer
62	6	SC106	Idler plate
63	6	F2BSC012	3/4" Flange bearing
64	6	SR-SC402	Idler wheel
65	6	C-075	3/4" Set collar
66	3	SC190	Idler shaft
67	12	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
68	12	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
69	6	SC221	3/16 key X 2.25 inches long key
70	12	13209	1/2"-13x1-1/2" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
71	6	33012	1/2" Low Carbon Zinc Finish Steel USS Flat Washer
72	2	R281	Cross valve spring
73	1	SC121	Spring mount plate
74	1	13212	1/2"-13x2-1/4" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
75	1	13209	1/2"-13x1-1/2" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
76	2	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
77	2	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
78	2	SC210	Sod finger
79	12	38061	5/16"-18 Grade 9 Yellow Zinc Finish Steel Top Lock Nut
80	2	SC211	Sod finger stop bracket
81	2	SC212	Bushing
82	4	HS100	Spring
83	6	AR-SC202	Vertical wear strip
84	12	0124739	Wear strip fastener (part of bolt kit SC300)
85	12	21255	Wear strip fastener (part of bolt kit SC300)
86	6	SC213	Horizontal wear strip
87	3	AR-SC203	Vertical belt
88	3	SC215	Horizontal belt
89	2	022633	Hydraulic cylinder
90	4	33820	3/4" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer

2nd CONVEYOR

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
91	4	100075075	Steel Spring Bushing
92	2	100075100	Steel Spring Bushing
93	2	SC219	Clevis pin
94	2	1D155	Clevis pin
95	1	SC170 (left side) SC175 (right side)	Cylinder stop
96	1	SC180	Shield
97	1	SC181	Shield
98	4	13001	1/4"-20 x 1/2" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
99	4	33891	1/4" Zinc Finish High Alloy Split Lock Washer
100	1	300SC160RH (300) SC160 (420) 480SC160 (480)	Right side sod guide
101	1	300SC161LH (300) SC161 (420) 480SC161 (480)	Left side sod guide
102	4	13209	1/2"-13x1-1/2" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
103	4	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
104	4	33817	1/2" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
105	2	P7729	Hitch pin clip
106	2	0120679	Snap pin
107	510	04-149-01	Belt clips
108	18	140C	Lace plate with bolt, plate and nut
109	12	140CH	1/2 lace plate with bolt, plate and nut
110	2	SC118	Split collar
111	2	65125	Cotter Pin, 3/16"X1 1/2"
112	1	AR-SC220	Second Conveyor Sensor Linkage
113	1	AR-SC221	Second Conveyor Sensor Linkage
114	1	AR-SC219	Second Conveyor Sensor Linkage
115	1	1P003	Bearing Housing
116	1	YA100RR	Bearing
117	1	RSP101	Sensor Shaft
118	1	RSP100	Sensor Mounting Plate
119	1	9902090CW	Rotary Position Sensor
120	1	60BS11HT1	Drive Sprocket
121	4	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
122	2	PB200	2" PILLOW BLOCK BEARING
Repair Kits & Assemblies			
AA	1	151F0111	SEAL KIT FOR 11110513
BB	1	11188319	Seal kit for DS200-X vertical conveyor motor
CC	12	SC300	Fastener kit for wear strips
DD	1	SC129-ASMH	Horizontal idler shaft complete
EE	1	SC129-ASMV	Vertical idler shaft complete
FF	1	SC130-ASMH	Horizontal drive shaft complete
GG	1	SC130-ASMV	Vertical drive shaft complete
HH	24	SC901	SR sprocket assembly
JJ	3	SC902	Second conveyor idler assembly

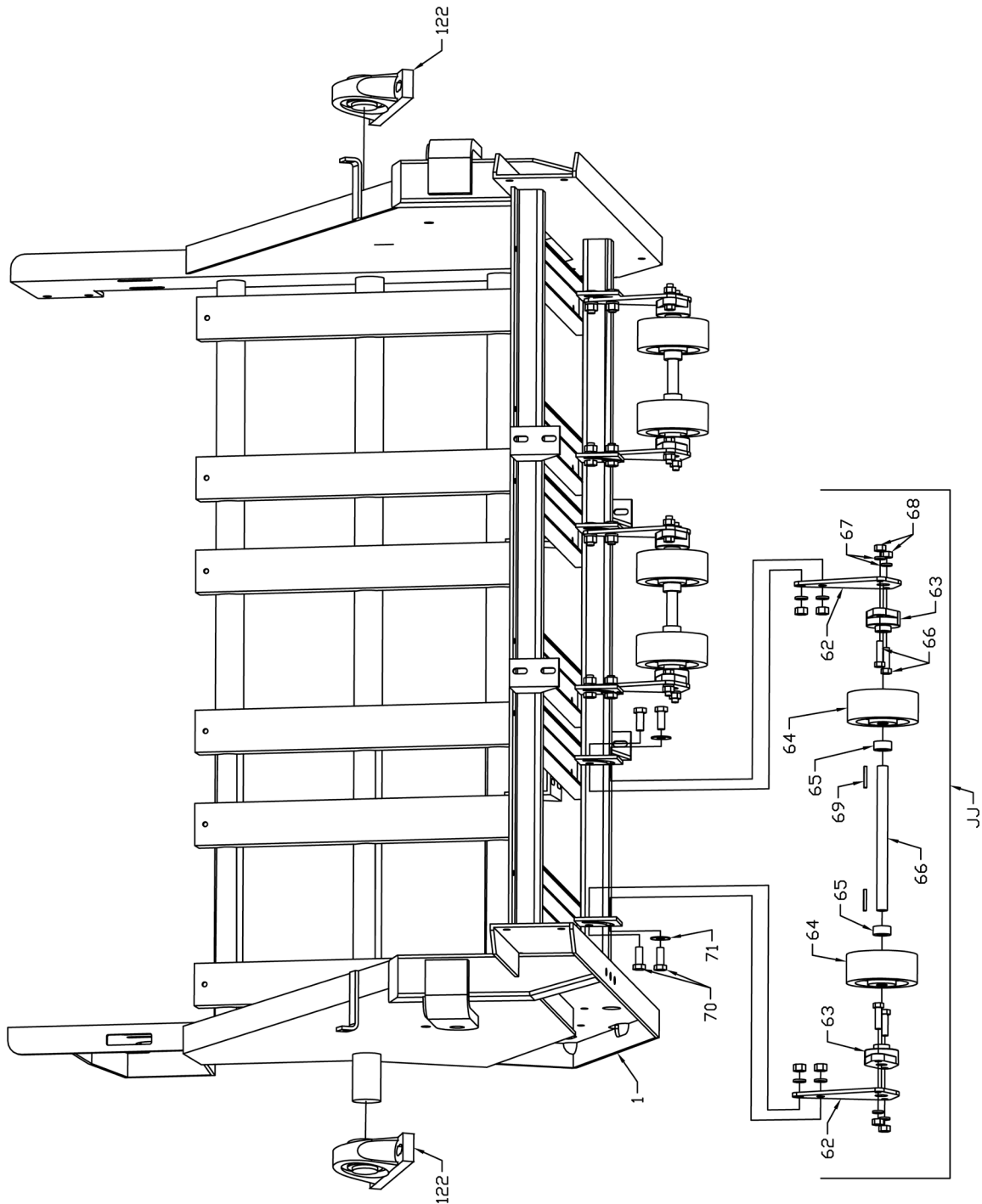
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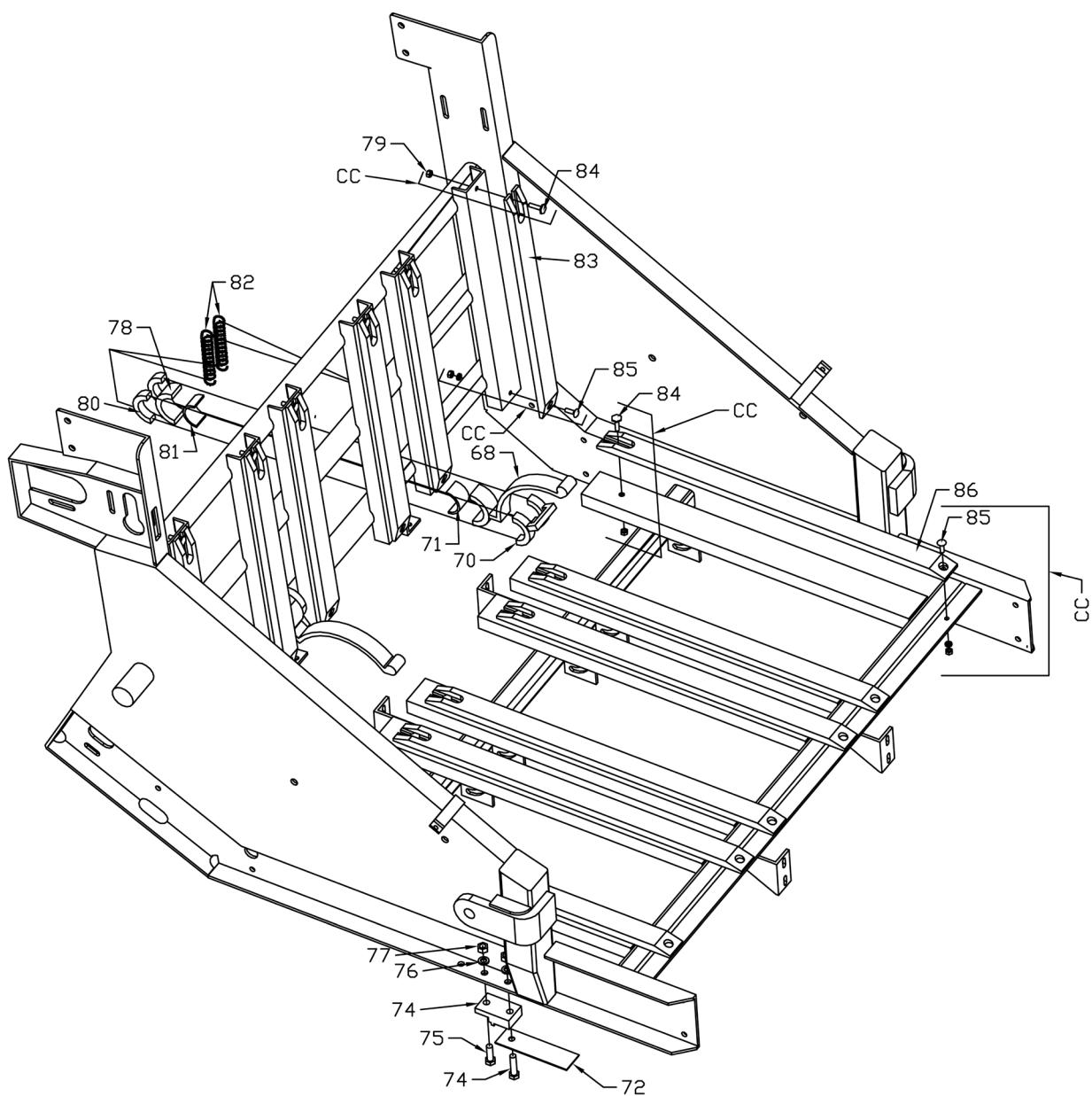
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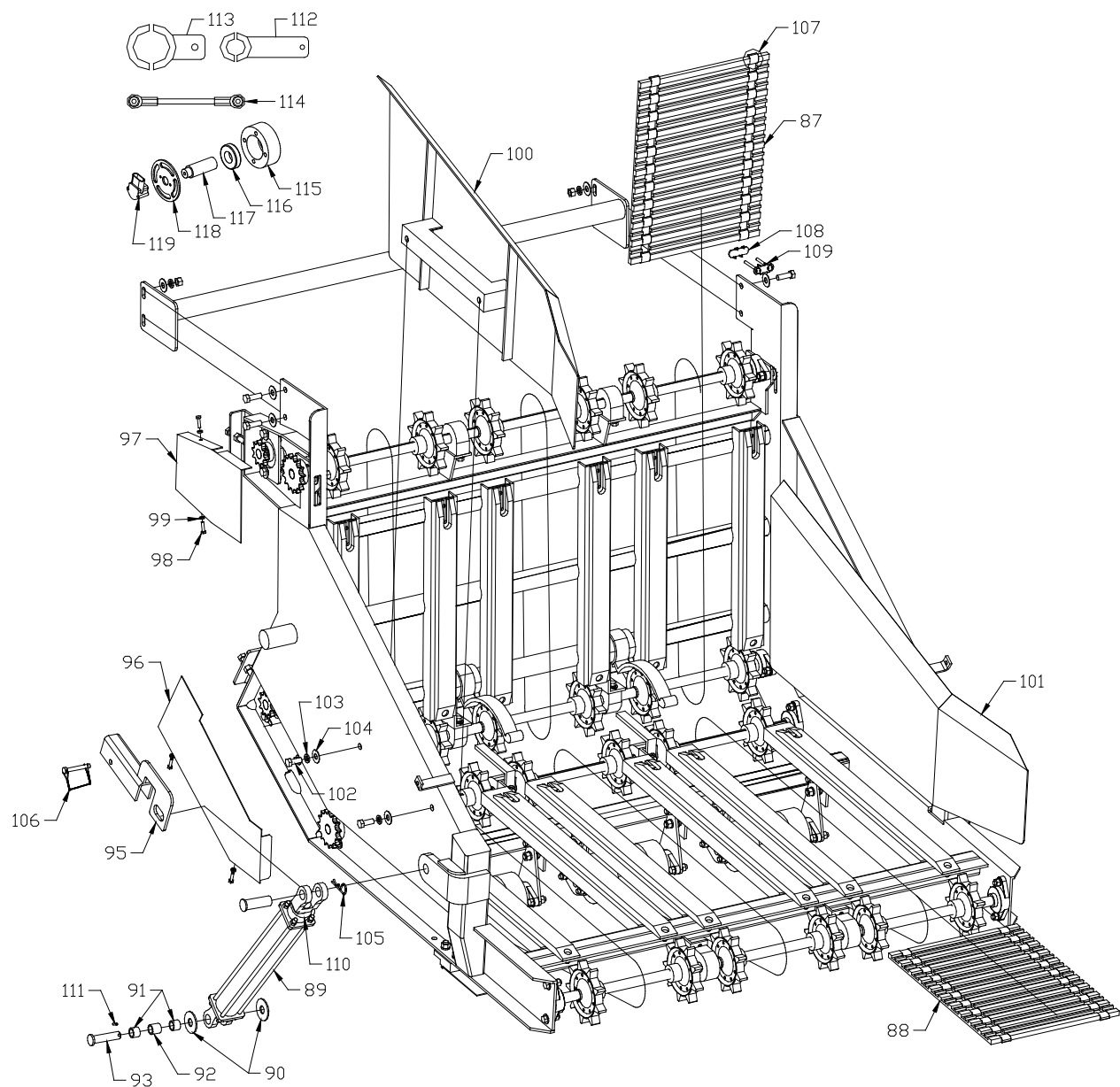
2nd CONVEYOR



2nd CONVEYOR



2nd CONVEYOR



2nd CONVEYOR

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