

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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420/480 FLOATING HEADS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	SR-1A100D	Left head frame
2	1	SR-1A100C	Right head frame
3	6	15369	3/4"-10x4" Gr 8 Yellow Zinc Finish Hex Cap Screw
4	6	37274	3/4"-10 Grade C Zinc Finish Steel Top Lock Nut
5	1	1W006 (420) 1W006-48 (480)	Undercarriage
6	18	37015	#10-32 Zinc Finish NM Gr 2 Nylon Insert Lock Nut
7	6	30224	Spherical bearing
8	6	1W007	Retainer
9	18	23169	10-32x1-1/4" Black Oxide Alloy Socket Cap Screw
10	12	1P008	Spacer
11	1	DS80-X	Hydraulic motor
12	1	CH100	Coupling half
13	1	CH114	Coupling half
14	1	CC416	Coupling chain
15	1	WDRF1/4X1	Woodruff key
16	1	40-2	Master link
17	8	13827	5/8"-11x2" Gr 5 Zinc Finish Full Thread Tap Bolt
18	8	33819	5/8" Thru-Hard Yellow Zinc Finish SAE Flat Washer
19	1	HDRR100	Shaft
20	2	P48-14M-40	Sprocket
21	1	1778-14M-40HT200	Right belt
22	4	P2B-SCM-115	Pillow block bearing
23	1	S1000	Drive shaft
24	2	200-1200	Universal joint
25	1	HDRL100	Shaft
26	1	38718	M12-1.75x100mm DIN 931 Class 8.8 Zinc Cap Screw
27	1	P2B-ASSY	Idler pulley
28	1	1610-14M-40HT200	Left belt
29	2	XO32	Spacer
30	8	33012	1/2" Low Carbon Zinc Finish USS Flat Washer
31	2	2517X2 1/2KW	Taper-lock bushing
32	6	25663	1/2"-13x1/2" Cup Point Black Alloy Steel Socket Set screw
33	1	SC110	Motor Plate
34	4	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
35	4	1140309	M12-1.75 DIN 934 Zinc Finish Steel Class 8 Hex Nut
36	4	RW1100	Bumper mounting bracket
37	4	13157	7/16"-14 x 1-1/4" Grade 5 Zinc Finish Hex Cap Screw
38	4	MRG1608	Bumper
39	4	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
40	4	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
41	2	13209	1/2"-13x1-1/2" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
42	2	33817	1/2" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
43	1	HDR201	Right head plate
44	1	HDR200	Left head plate
45	2	33897	5/8" Yellow Zinc Finish High Alloy Med Split Lock Washer

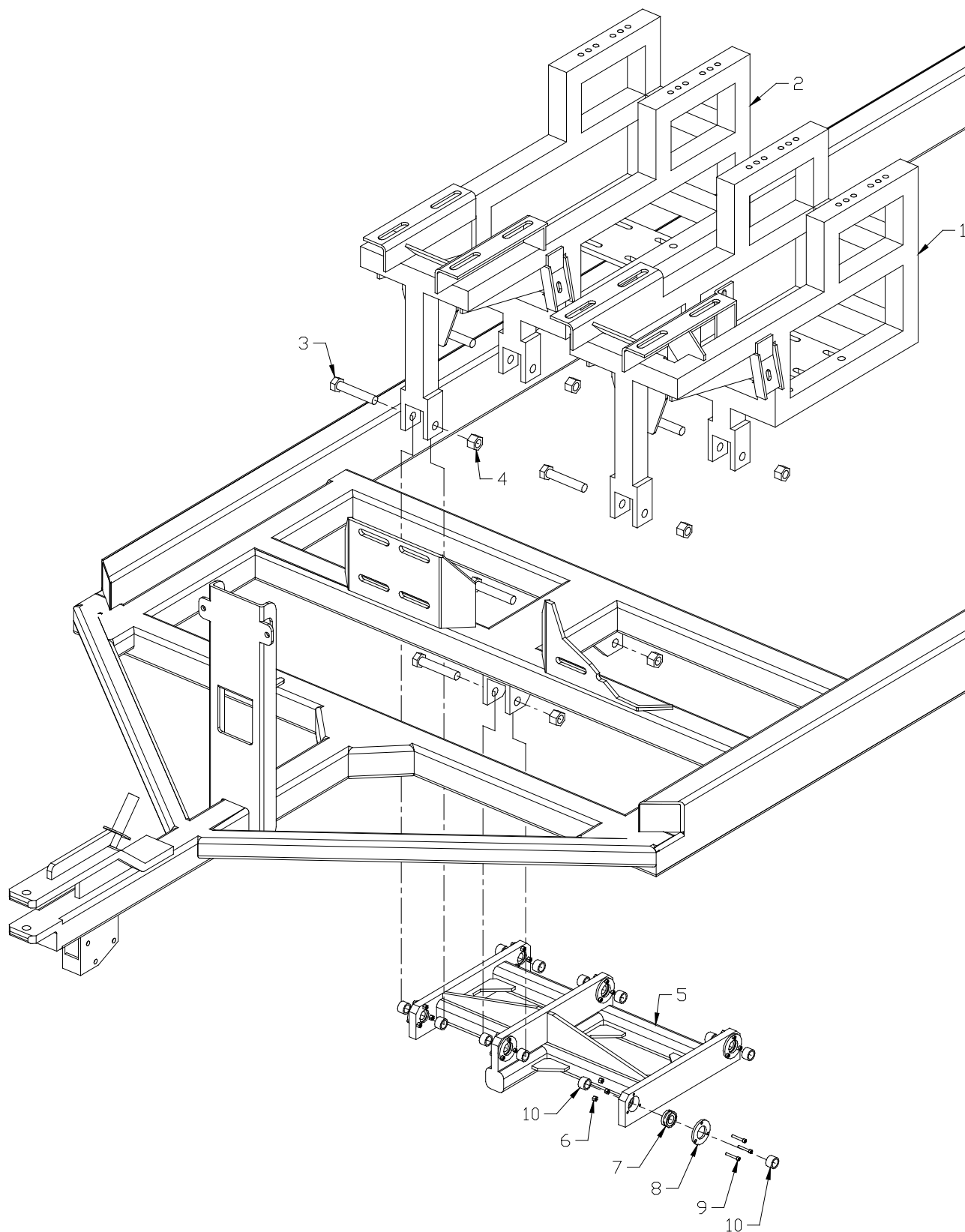
420/480 FLOATING HEADS

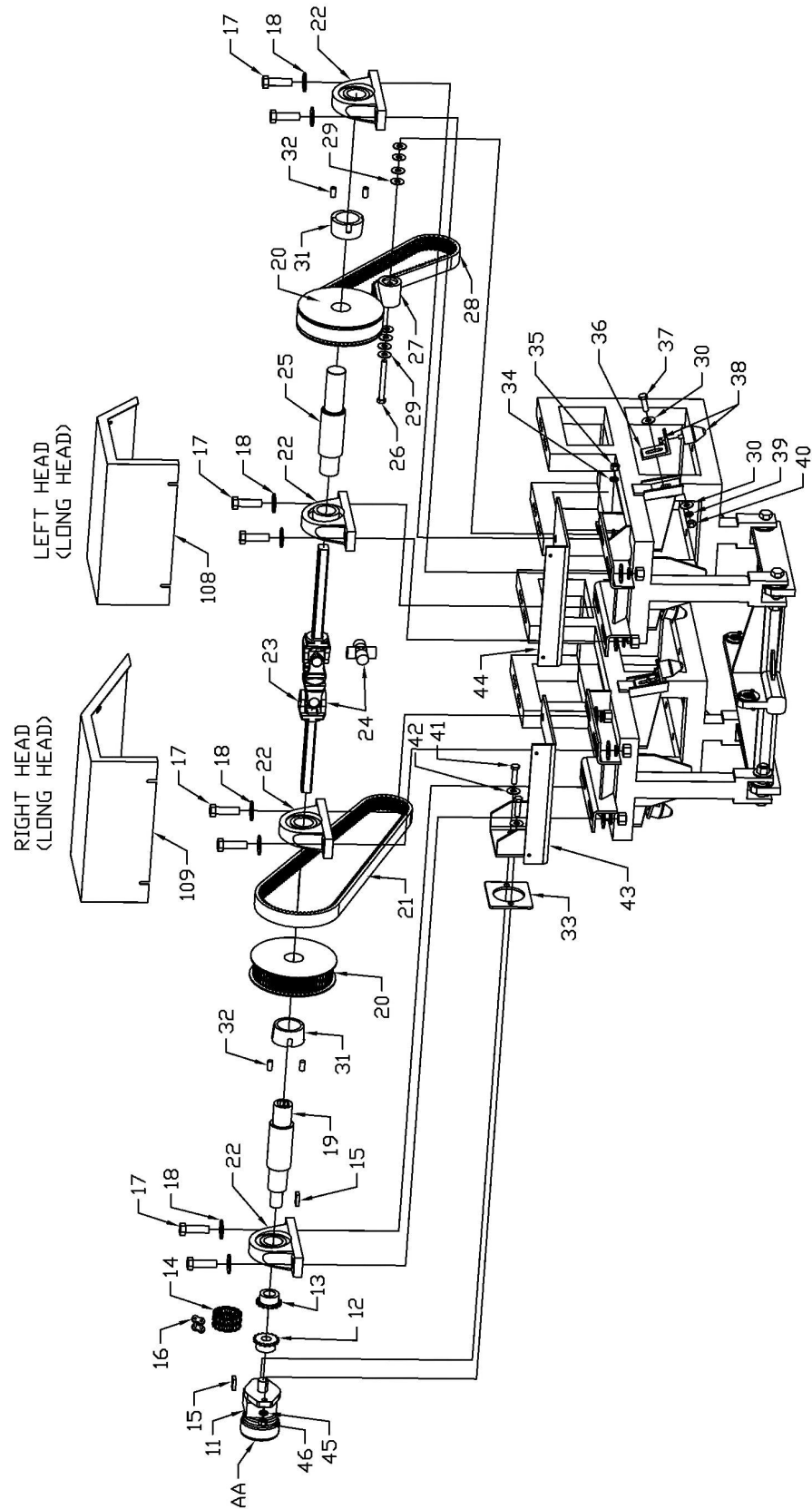
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
46	2	36314	5/8"-11 Zinc Finish Grade 5 Finished Hex Nut
47	1 Pair	STDA100	Electric depth control assy. (individual components listed under ELECTRIC DEPTH CONTROL section)
48	4/head	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
49	4/head	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
50	1/head	S1822 (420) S1822-48 (480)	Top Shaft
51	2/head	PB118-BECI	Pillow block bearing
52	4/head	13212	1/2"-13x2-1/4" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
53	2/head	1B001	Adjustment handle
54	2/head	1 1/2inKEYSTOCK	1/4" Key stock, 1 1/2" Long
55	2/head	13220	1/2"-13 x 4-1/4" Grade 5 Zinc Finish Hex Cap Screw
56	2/head	37268	1/2"-13 Zinc Finish Grade C Top Lock Nut
57	2/head	1P006	Eccentric cam
58	2/head	1P007	Arm plate
59	2/head	1P005	Eccentric cam cover
60	2/head	1P004	Cutter arm
61	8/head	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
62	8/head	13107	3/8"-16x1-1/4" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
63	8/head	33859	3/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
64	6/head	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
65	6/head	13105	3/8"-16x1" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
66	8/head	13107	3/8"-16x1-1/4" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
67	4/head	B6205	Wrist shaft bearing
68	2/head	1P003	Bearing block
69	4/head	TR244	Snap ring
70	4/head	B6305	Bearing
71	2/head	1P002	Connecting rod
72	2/head	1P002-BLK	Connecting rod cap
73	4/head	13113	3/8"-16x2-1/2" Grade 5 Zinc Finish Hex Cap Screw
74	4/head	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
75	2/head	PB200 PB200-BECI	Pillow block bearing, Right head Pillow block bearing, Left head
76	4/head	33863	5/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
77	4/head	13319	5/8"-11 x 4" Grade 5 Zinc Finish Hex Cap Screw
78	2/head	13217	1/2"-13 x 3-1/2" Grade 5 Zinc Finish Hex Cap Screw
79	2/head	13216	1/2-13 X 3.25 cap screw grade 5
80	1	S1821 (420)	Left head wrist shaft
	1	S1820 (420)	Right head wrist shaft
80	1	S1821-48 (480)	Left head wrist shaft
	1	S1820-48 (480)	Right head wrist shaft
81	4/head	36314	5/8"-11 Zinc Finish Grade 5 Finished Hex Nut
82	4/head	33897	5/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
83	1/head	S2015	Eccentric shaft
84	1/head	2012X2	Taper-lock bushing
85	3/head	25636	7/16-14 7/8" long set screw. Included in #84 above.

420/480 FLOATING HEADS

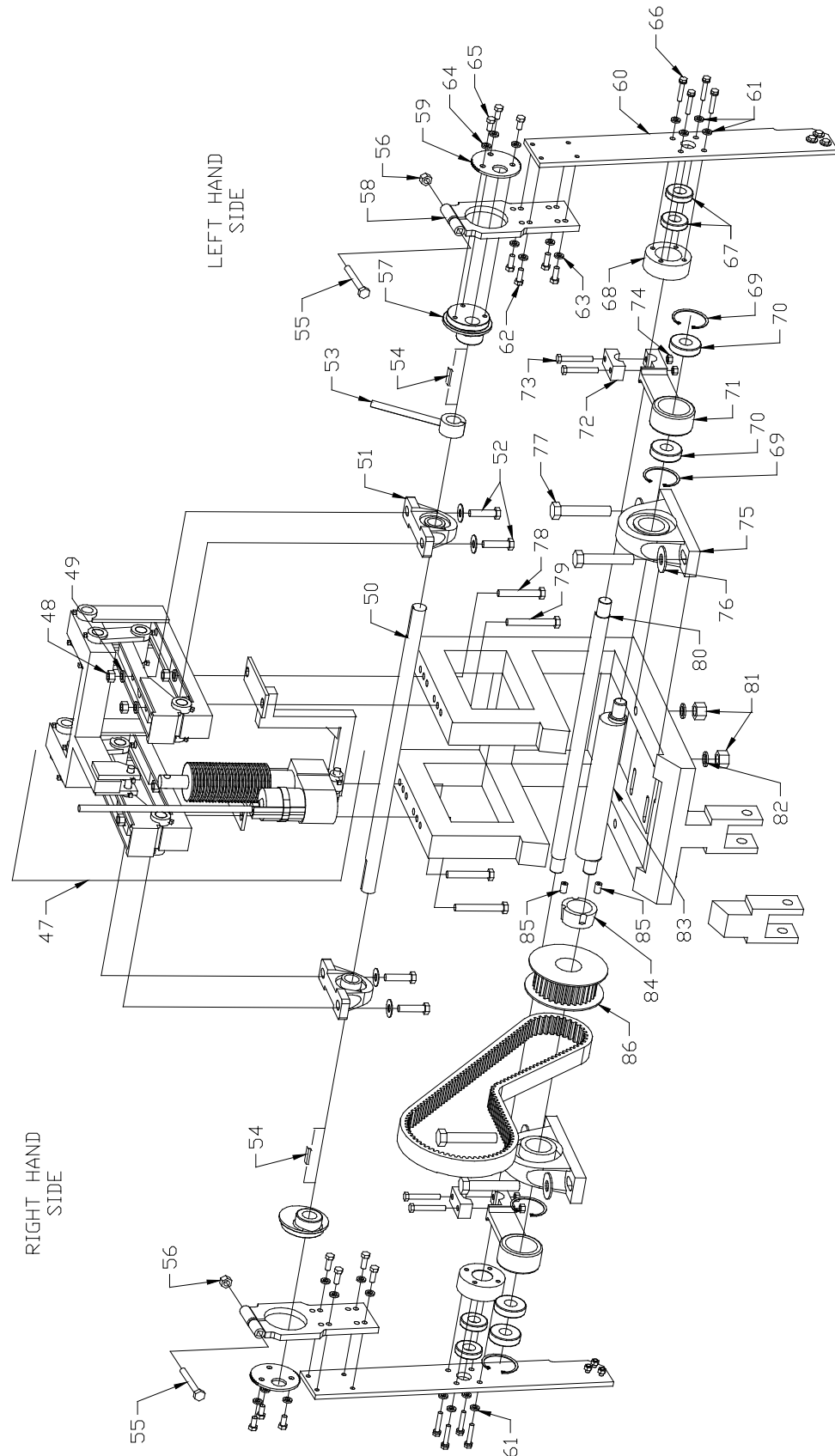
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
86	1/head	P30-14M-40	Sprocket
87	4/head	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
88	4/head	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
89	4/head	33012	1/2" Low Carbon Zinc Finish Steel USS Flat Washer
90	8/head	13003	1/4"-20 x 3/4" Grade 5 Zinc Finish Hex Cap Screw
91	2/head	PL100	Spring hinge
92	3	1B812 (420)	Scraper 8 1/2"
	1	1B800 (420)	Scraper 8"
92	1	1B812-48L (480)	Scraper 10", Left
	2	1B812-48R (480)	Scraper 10", Right
	1	1B800-48 (480)	Scraper 9"
93	8/head	33891	1/4" Zinc Finish High Alloy Split Lock Washer
94	8/head	36302	1/4"-20 Zinc Finish Grade 5 Finished Hex Nut
95	1/head	3A7000N	Ground roller pedestal
96	1/head	X028S	Ground roller shaft
97	2/head	37264	3/8"-16 Zinc Finish Grade C Top Lock Nut
98	8/head	30422	Lug nut
99	3	1W004 8-1/2 in. (420)	Ground roller 8 1/2"
	1	1W005 8 in. (420)	Ground roller 8"
99	3	1W004-48 10 in. (480)	Ground roller 10"
	1	1W005-48 9 in. (480)	Ground roller 9"
100	2/head	078WASH	Machine washer
101	2/head	045WASH	Machine washer
102	2/head	30421H	Hub
103	2/head	13115	3/8"-16x3" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
104	8/head	1136408	7/16"-14 Yellow Zinc Finish Grade 8 Finished Hex Nut
105	2/head	FC108	Flange bearing
106	4/head	13213	1/2"-13 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
107	4/head	33012	1/2" Low Carbon Zinc Finish Steel USS Flat Washer
108	1	1A901	left head shield
109	1	1A902	Right head shield
110		Blades See Page 1.8	Cutter Blades
Repair Kits			
AA	1	11188319	Seal kit for DS80-X hydraulic motor



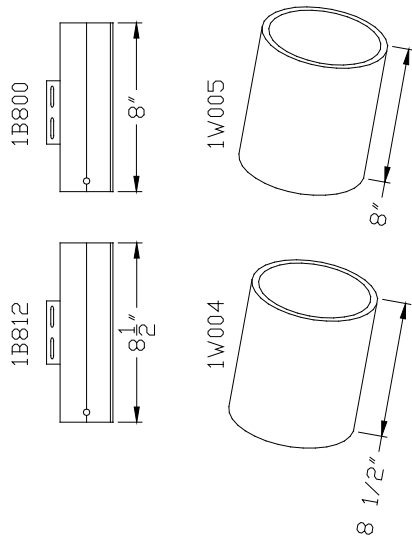




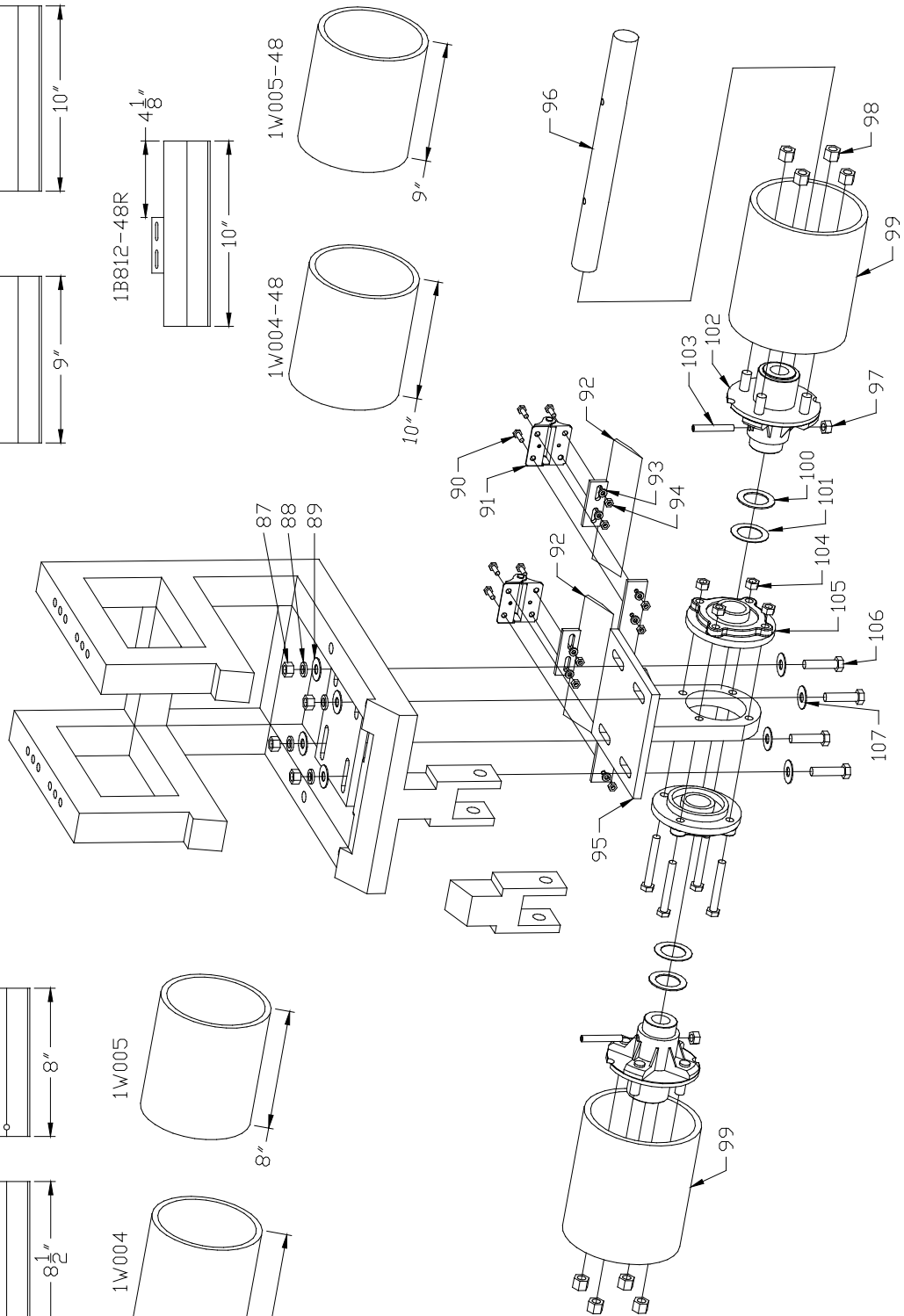
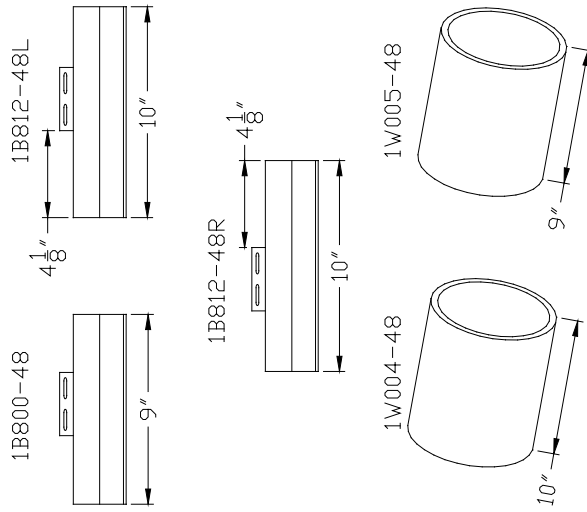
NOTE: LEFT HEAD SHOWN
ON RIGHT HEAD, LEFT HAND SIDE ONLY,
ITEM #60 BOLTS ONTO THE INSIDE OF ITEM #58



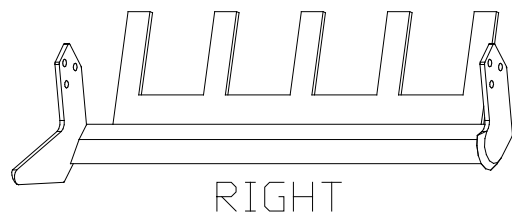
42" FLOATING HEADS GROUND ROLLER & SCRAPER BLADES (SEE ITEM 92 & 99 BELOW)



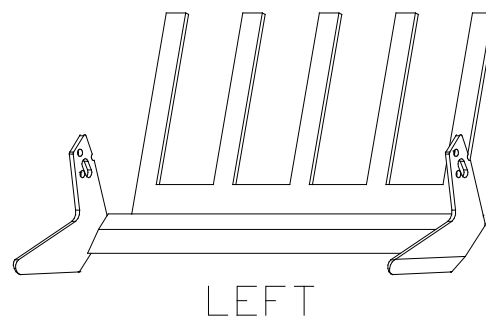
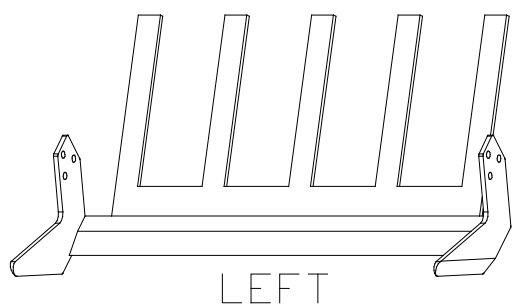
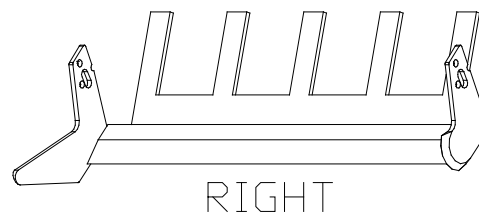
48" FLOATING HEADS GROUND ROLLER & SCRAPER BLADES (SEE ITEM 92 & 99 BELOW)



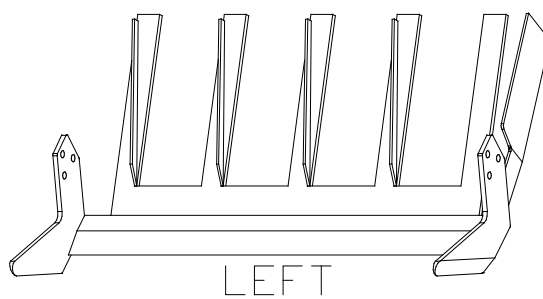
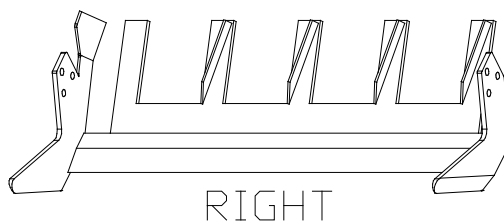
REG. CUT BLADES
RR10C-XX



QUICK HITCH BLADES
RR10CQH-XX



STRIP CUT BLADES
RR10S-XX



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