

MAGNUM SR SERIES

PARTS MANUAL



MAGNUM 300SR
MAGNUM 420SR
MAGNUM 480SR

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RE-ORDER NUMBER: SRMANUAL
REVISION: SR-100020



SR SERIES

MAGNUM 300SR/420SR/480SR 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

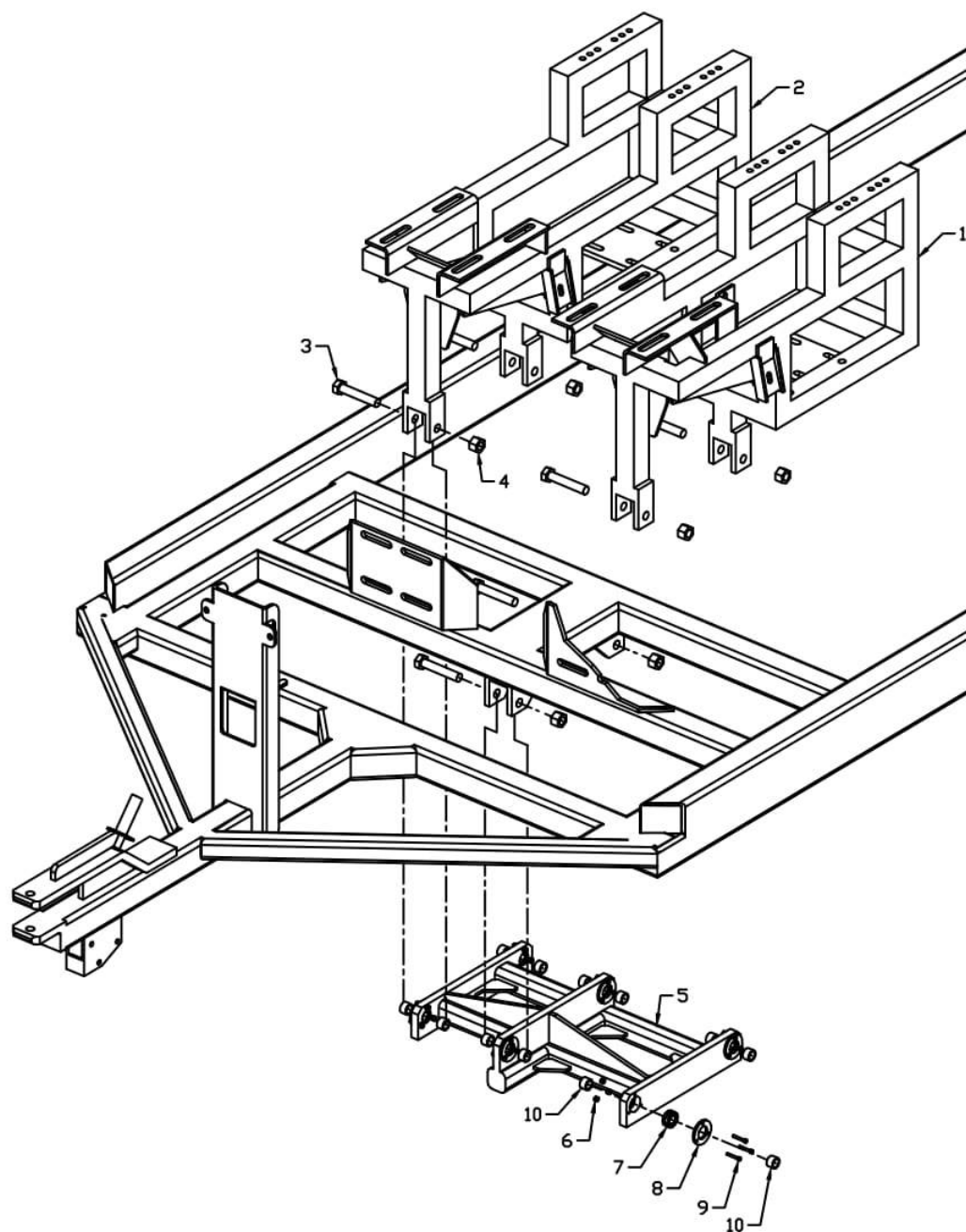
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	SR-1A100D	Left head frame
2	1	SR-1A100C	Right head frame
3	6	15369	Cap screw 3/4-10 X 4 grade 8
4	6	37274	Locknut 3/4"-10
5	1	1W006 (420) 1W006-48 (480)	Undercarriage
6	18	37015	Locknut 10-32
7	6	30224-2	Spherical bearing
8	6	1W007	Retainer
9	18	23169	Screw 10-32 X 1 1/4
10	12	1P008	Spacer - obsolete, not required with 30224-2
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	Cap screw-5/8"-11 X 2"
18	8	33819	Flat washer- 5/8"
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	Cap screw- 12-1.75 X 100 mm
27	1	P2B-ASSY	Idler pulley
28	1	1610-14M-40HT200	Left belt
29	2	XO32	Spacer
30	8	33012	Flat washer - 1/2"
31	2	2517X2 1/2 KW	Taper-lock bushing
32	6	25663	Screw, included with #31 above
33	1	SC110	Motor Plate
34	4	33895	Lock washer – 1/2"
35	4	1140309	Nut - 12-1.75 mm
36	4	RW1100	Bumper mounting bracket
37	4	13157	Cap screw - 7/16-14 X 1.25
38	4	MRG1608	Bumper
39	4	33895	Lock washer – 1/2" high alloy
40	4	36310	Nut – 1/2"-13 grade 5
41	2	110120380	Cap screw – 1/2"-13 X 1.5" grade 5
42	2	33817	Flat washer – 1/2" SAE
43	1	HDR201	Right head plate
44	1	HDR200	Left head plate
45	2	33895	Lock washer – 1/2" high alloy

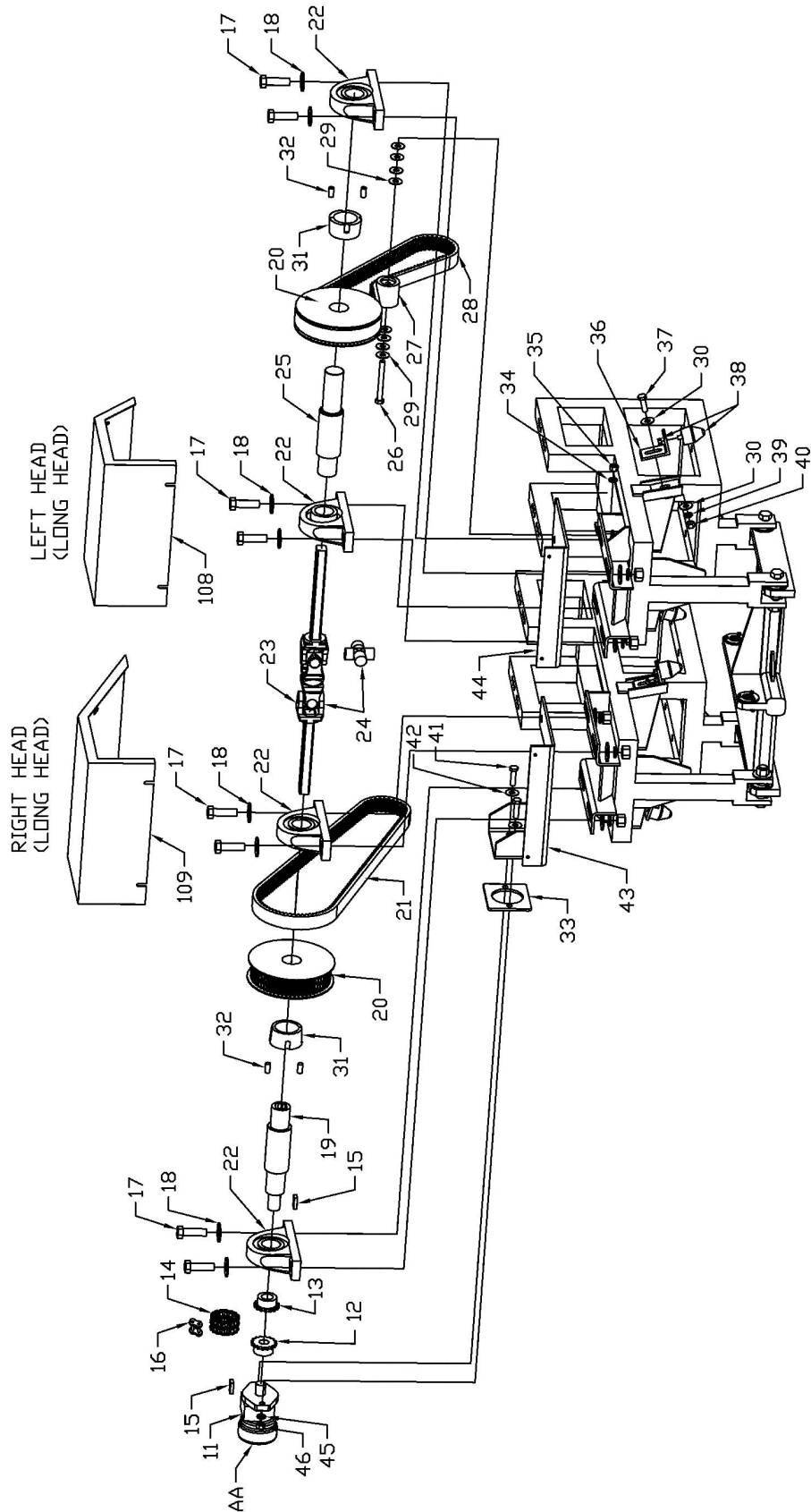
420/480 FLOATING HEADS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
46	2	36310	Nut – ½"-13 grade 5
47	1 Pair	STDA100-SR	Set of Depth Control Adjusters
47	1/head	STE 003-SR	Individual depth control assembly (individual components listed under ELECTRIC DEPTH CONTROL section)
48	4/head	36310	Nut – ½"-13 grade 5
49	4/head	33893	3/8" Zinc Finish High Alloy Lock Washer
50	1/head	S1822 (420) S1822-48 (480)	Top Shaft
51	2/head	PB118-BECI	Pillow block bearing- modified
52	4/head	13212	1/2"-13 x 2-1/4" Zinc Finish Grade 5 Cap Screw
53	2/head	1B011	Adjustment handle
54	2/head	1 1/2inKEYSTOCK	Square key – 1.5" long
55	2/head	13220	1/2"-13 x 4-1/4" Grade 5 Zinc Finish 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" Zinc High Alloy Medium Split Lock Washer
62	8/head	13107	3/8"-16 x 1-1/4" Zinc J429 Grade 5 Cap Screw
63	8/head	33859	3/8" Zinc Finish USS Thru-Hardened Flat Washer
64	6/head	33893	3/8" Zinc Finish High Alloy Split Lock Washer
65	6/head	13105	3/8"-16 x 1" Zinc Finish J429 Grade 5 Cap Screw
66	8/head	13107	3/8"-16 x 1-1/4" Zinc J429 Grade 5 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" - 16 X 2.5" Grade 5 Cap Screw
74	4/head	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
75	2/head	PB200	Pillow block bearing-long head (right head)
	2/head	PB200-BECI	Pillow block bearing-short head (left head)
76	4/head	33863	5/8" 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 Cap Screw
79	2/head	13216	½"-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" Zinc Finish High Alloy Split Lock Washer

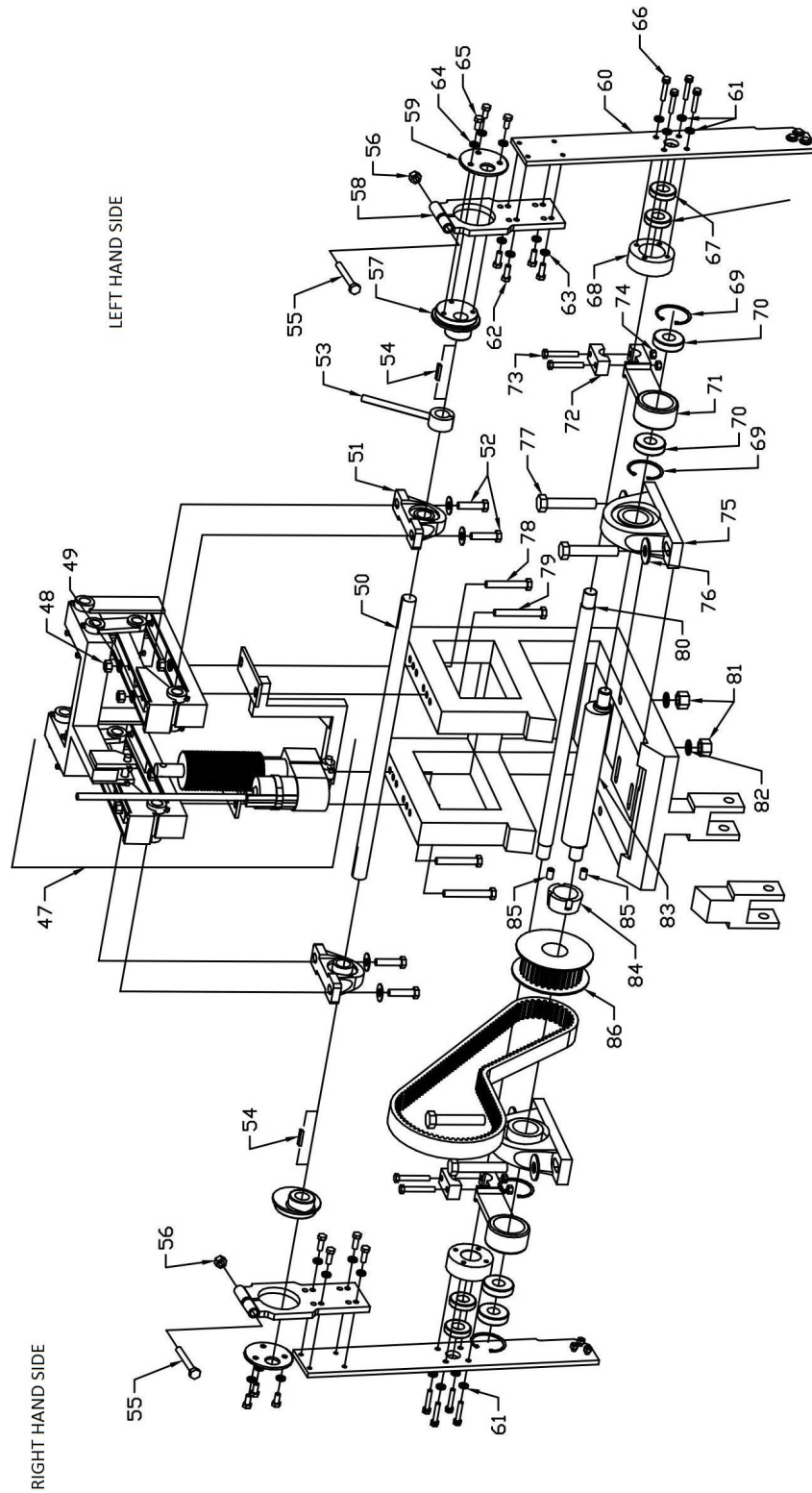
420/480 FLOATING HEADS

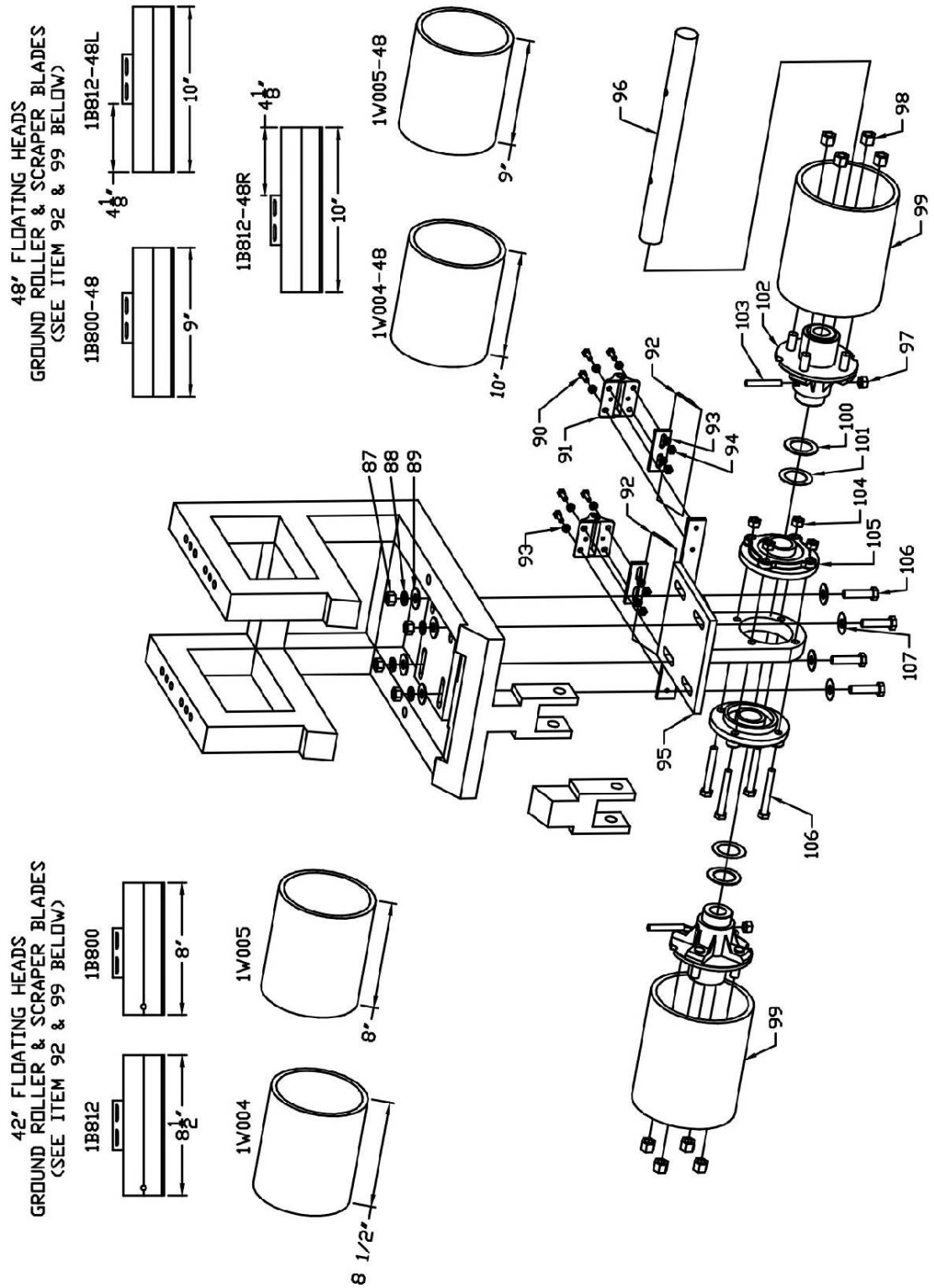
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
83	1/head	S2015	Eccentric shaft
84	1/head	2012X2	Taper-lock bushing
85	3/head	25636	7/16-14 7/8" long set screw. Included with 84
86	1/head	P30-14M-40	Sprocket
87	4/head	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
88	4/head	33895	1/2" Zinc Finish High Alloy Split Lock Washer
89	4/head	33012	1/2" Zinc Finish 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	4/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 lock nut
98	8/head	30422	Lug nut
99	3	1W004 (420)	Ground roller 8 1/2"
	1	1W005 (420)	Ground roller 8"
99	3	1W004-48 (480)	Ground roller 10"
	1	1W005-48 (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"-16 x 3" Zinc Finish J429 Grade 5 Cap Screw
104	8/head	1136408	7/16"-14 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 Cap Screw
107	4/head	33012	1/2" Zinc Finish 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



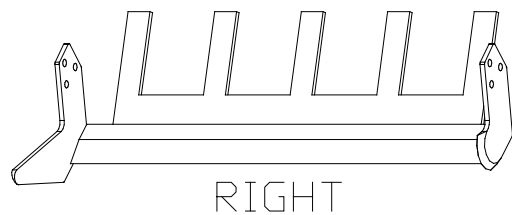


NOTE: LEFT HEAD SHOWN
ON RIGHT HEAD, LEFT HAND SIDE ONLY,
ITEM #60 BOLTS ONTO THE INSIDE OF ITEM #58

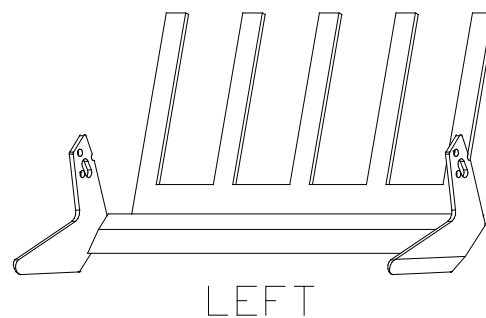
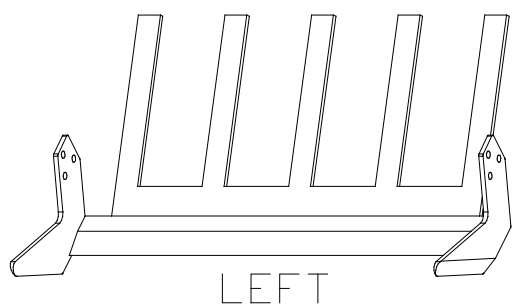
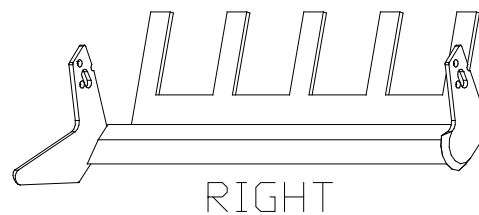




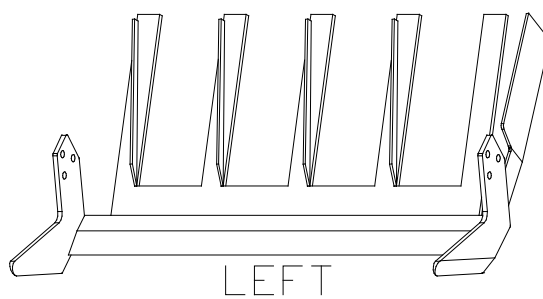
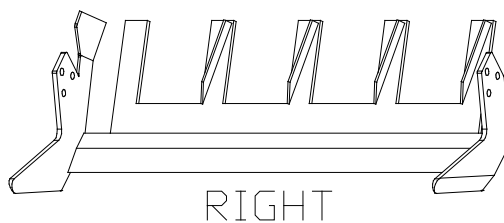
REG. CUT BLADES
RR10C-XX



QUICK HITCH BLADES
RR10CQH-XX



STRIP CUT BLADES
RR10S-XX



NOTES:

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