

MAGNUM SRA SERIES

PARTS MANUAL



MAGNUM 300SRA
MAGNUM 420SRA
MAGNUM 480SRA

Bucyrus Equipment Co., Inc.
PO Box 156, 209 Central
Hillsdale, Ks 66036
1-800-330-0857
www.magnumenp.com

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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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Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1A100D-30S	Cutter head frame
2	6	15365	3/4"-10x3" Yellow Zinc SAE J429 Gr 8 Hex Cap Screw
3	6	37274	3/4"-10 Grade C Zinc Finish Steel Top Lock Nut
4	1	1W006	Undercarriage
5	12	1P008	Spacer- obsolete, not used with 30224-2.
6	18	37015	#10-32 Zinc Finish NM Grade 2 Nylon Insert Lock Nut
7	6	30224-2	Spherical bearing
8	6	1W007	Retainer
9	18	23169	10-32x1-1/4" Black Oxide Alloy Steel Socket Cap Screw
10	1	S1414	Drive shaft
11	3	1 1/2inKEYSTOCK	1 1/2inKEYSTOCK
12	1	BU114	Bushing
13	6	13213	1/2"-13 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
14	4	33012	1/2" Low Carbon Zinc Finish Steel USS Flat Washer
15	2	PB114	Pillow-block bearing
16	1	RBP44-3	V-belt
17	1	SH800	Sheave
18	1	CH114-BECI	Coupling half
19	1	CH100-BECI	Coupling half
20	1	CC416	Coupling chain
21	1	40-2	Master link
22	1	151F2302 (STANDARD) 151-3704 151F2303	OMS125 Hydraulic motor DS125 Hydraulic motor OMS160 Hydraulic motor
23	1	SC110	Motor Plate
24	4	33012	1/2" Low Carbon Zinc Finish Steel USS Flat Washer
25	4	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
26	2	RW1100	Bumper mounting bracket
27	2	MRG1608	Bumper
28	2	13157	7/16"-14 x 1-1/4" Grade 5 Zinc Finish Hex Cap Screw
29	4	33816	7/16" Yellow Zinc Finish SAE Thru-Hardened Flat Washer
30	2	33894	7/16" Yellow Zinc Fin High Alloy Med Split Lock Washer
31	2	1136408	7/16"-14 Yellow Zinc Finish Grade 8 Finished Hex Nut
32	1	1A901-SH	Belt shield
33	1	STDA100-30S	Electric depth control assy. (modified) Individual components listed under Electric Depth Control section
34	6	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
35	6	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
36	6	13211	1/2"-13 x 2" Grade 5 Zinc Finish Hex Cap Screw
37	6	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
38	2	1P005	Eccentric cam cover plate
39	2	1P007	Arm plate
40	2	1P006	Eccentric cam
41	2	1P004	Cutter arm
42	8	13109	3/8"-16x1-1/2" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
43	8	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer

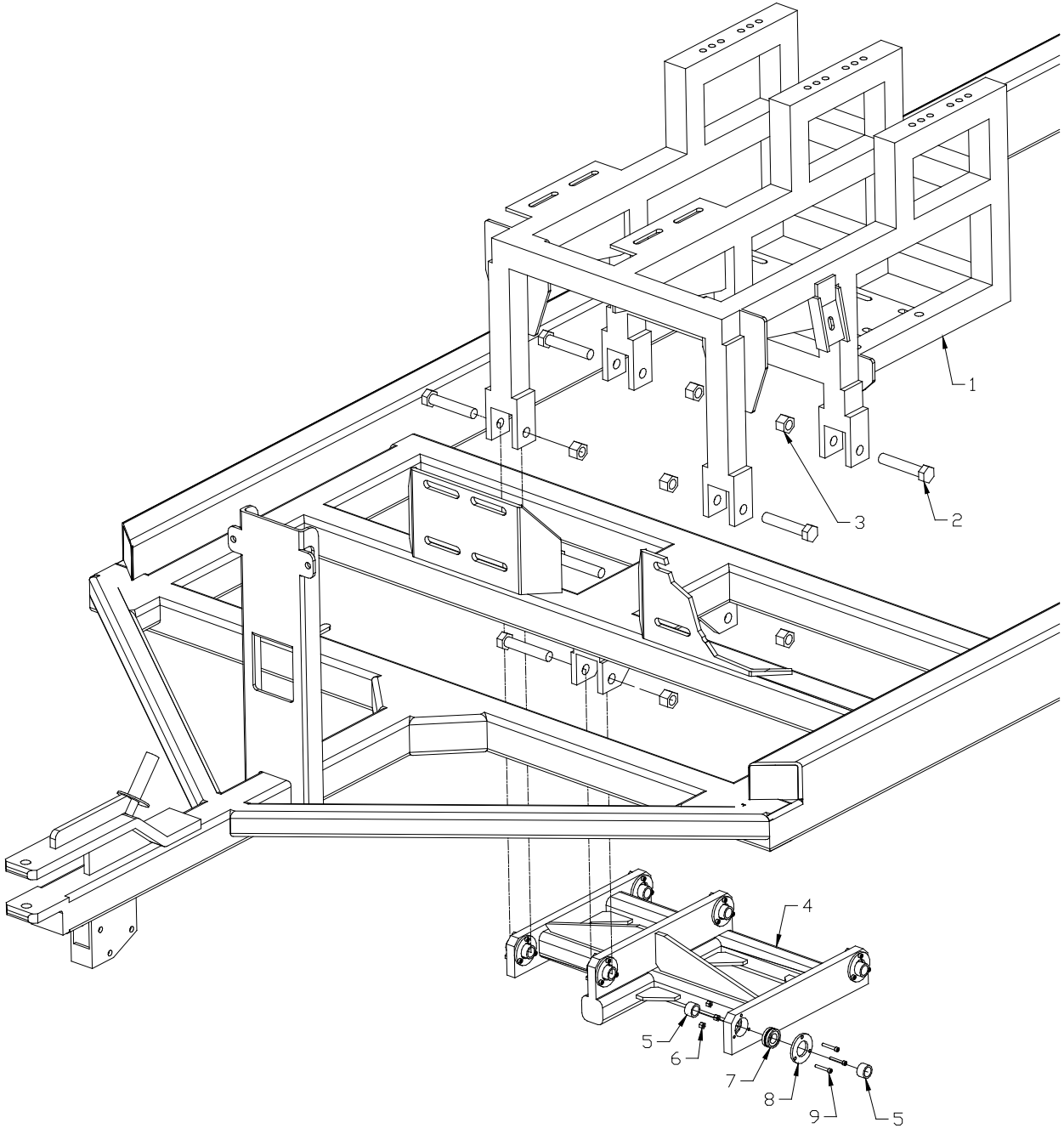
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
44	4	B6205	Bearing
45	2	1P003	Bearing block
46	4	TR244	Snap ring
47	4	B6305	Bearing
48	2	1P002-HD	Connecting rod
49	4	15113	3/8"-16x2-1/2" Gr 8 Yellow Zinc Finish Hex Cap Screw
50	2	1P002-BLK	Connecting rod cap
51	4	37264	3/8"-16 Zinc Finish Grade C Top Lock Nut
52	2	PB118-BECI	Pillow-block bearing
53	4	13211	1/2"-13 x 2" Grade 5 Zinc Finish Hex Cap Screw
54	4	33012	1/2" Low Carbon Zinc Finish Steel USS Flat Washer
55	6	13215	1/2"-13 x 3" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
56	6	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
57	6	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
58	2	PB200-BECI	Pillow-block bearing
59	4	33863	5/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
60	4	13319	5/8"-11 x 4" Grade 5 Zinc Finish Hex Cap Screw
61	4	36314	5/8"-11 Zinc Finish Grade 5 Finished Hex Nut
62	4	33897	5/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
63	1	S1820-30S	Wrist shaft
64	1	S2015-30S	Eccentric shaft
65	1	SH460	Sheave
66	1	S1822-30S	Top Shaft
67	1	1B011	Adjusting lever
68	8	13109	3/8"-16x1-1/2" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
69	8	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
70	1	BU200	Bushing
71	2	1 1/2inKEYSTOCK	1/4" Key stock, 1 1/2" Long
72	2	13220	1/2"-13 x 4-1/4" Grade 5 Zinc Finish Hex Cap Screw
73	2	37268	1/2"-13 Zinc Finish Grade C Top Lock Nut
74	16	13005	1/4"-20 x 1" Grade 5 Zinc Finish Hex Cap Screw
75	4	PL100	Hinge (modified)
76	2	1B800-30	Scraper (13-1/4 in.)
77	16	33891	1/4" Zinc Finish High Alloy Split Lock Washer
78	16	36302	1/4"-20 Zinc Finish Grade 5 Finished Hex Nut
79	1	X028S	Ground roller shaft
80	2	37264	3/8"-16 Zinc Finish Grade C Top Lock Nut
81	8	30422	Lug nut
82	4	1W004-30	Ground roller (13-1/4 in.)
83	2	078WASH	Machine washer
84	2	045WASH	Machine washer
85	2	30421H	Hub assy.
86	2	13115	3/8"-16x3" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
87	8	1136408	7/16"-14 Yellow Zinc Finish Grade 8 Finished Hex Nut
88	2	FC108	Flange bearing
89	4	13211	1/2"-13 x 2" Grade 5 Zinc Finish Hex Cap Screw

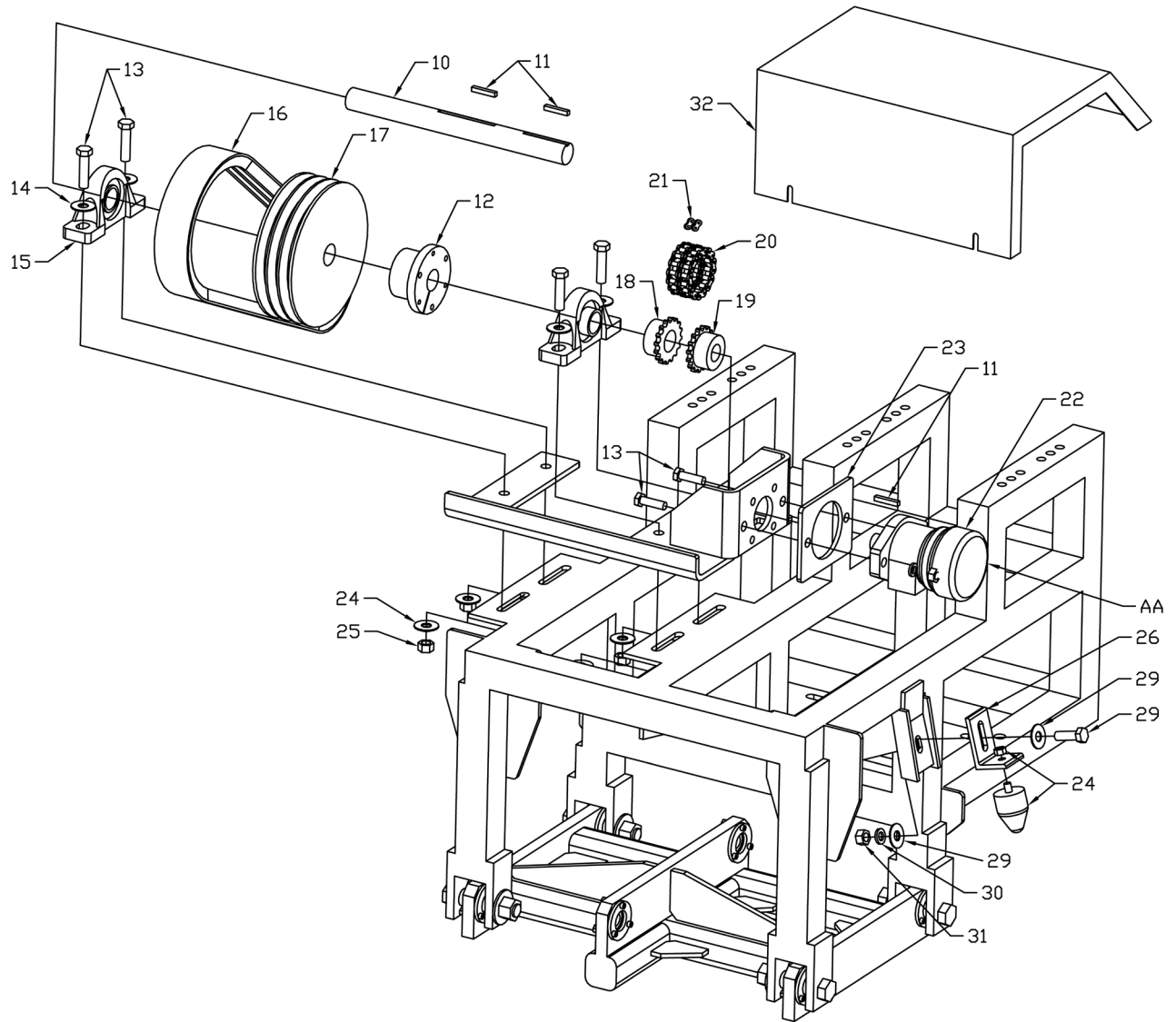


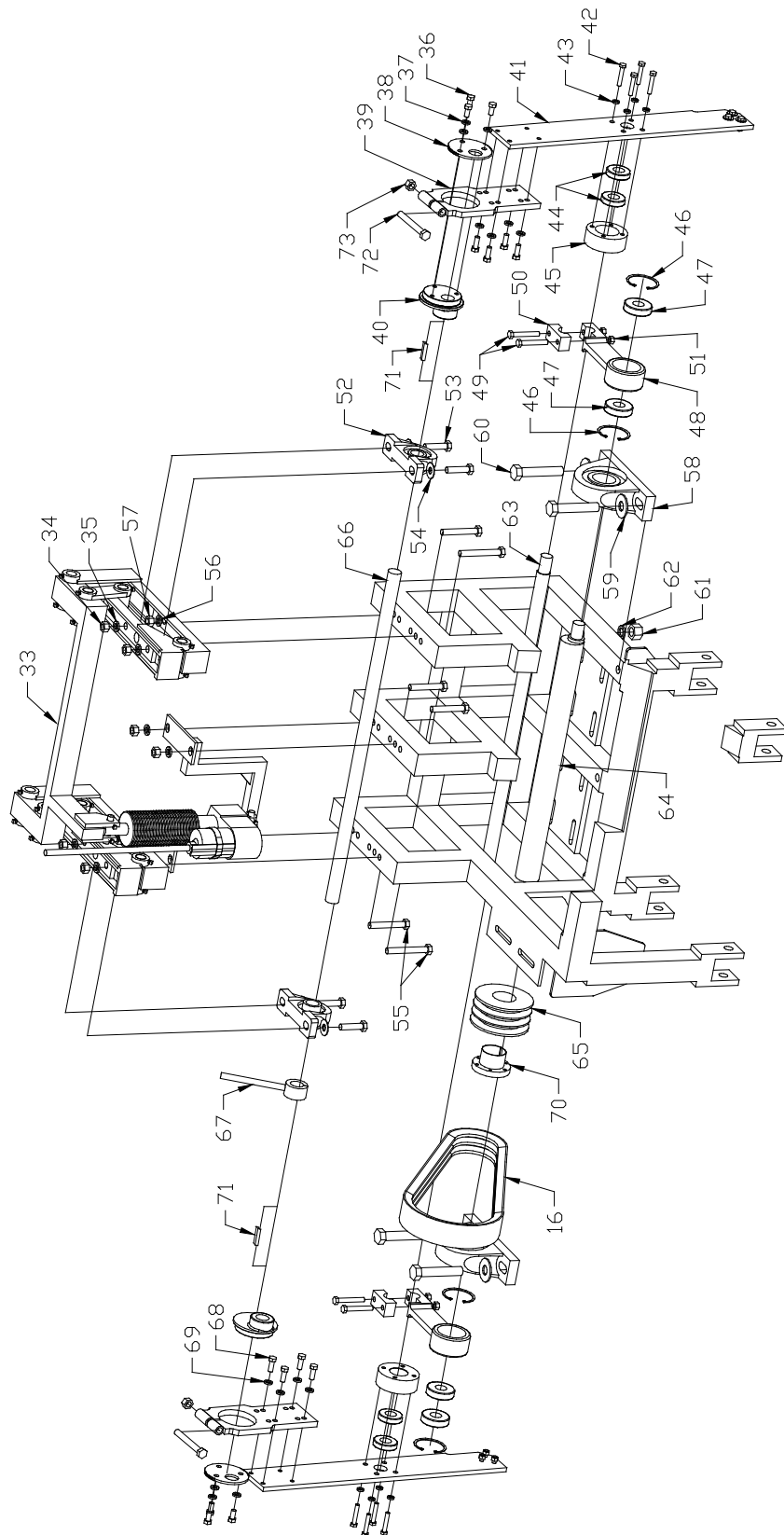
300 SOLID HEAD

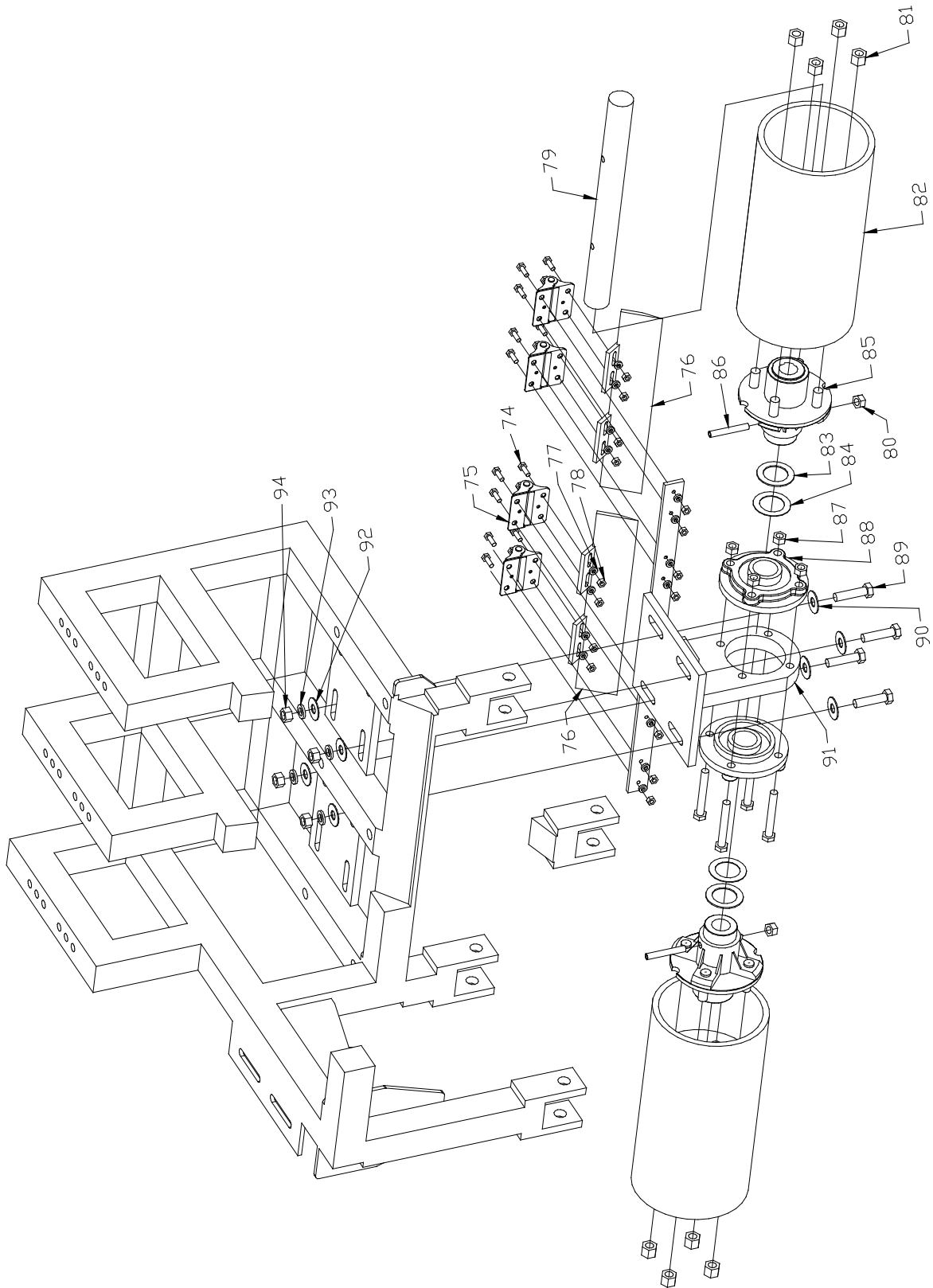
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
90	4	33012	1/2"x1.375" Low Carbon Zinc Fin Steel USS Flat Washer
91	1	3A7000N30S	Ground roller pedestal
92	4	33012	1/2" Low Carbon Zinc Fin Steel USS Flat Washer
93	4	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
94	4	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
Repair Kits			
AA	1	151-1286	Repair kit for cutter head hydraulic motor



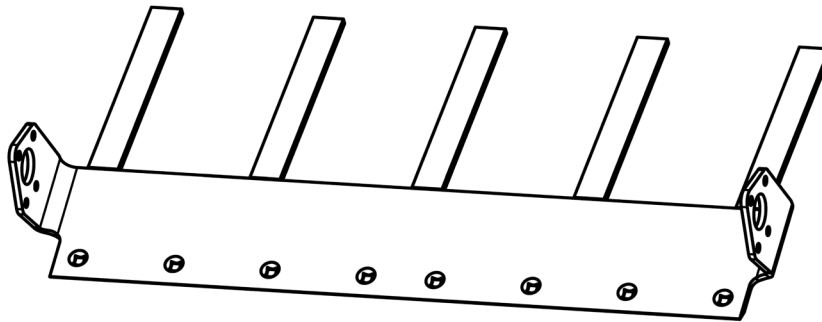




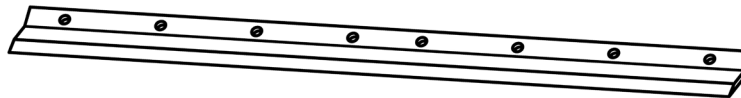




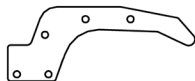
30" SOLID BLADE HOLDER
BBH30



30" SOLID BLADE
R290450



SIDE CUTTER
BRACKET
R015183

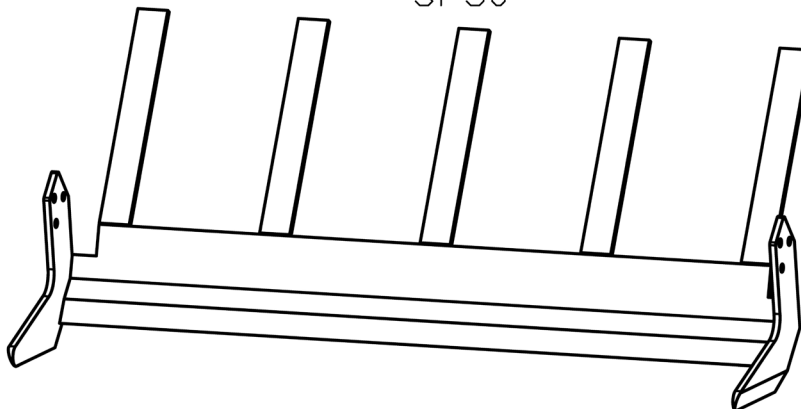


SIDE CUTTERS
R260300-RC



REG. CUT

30" SOLID BLADE
SP30



300 SOLID HEAD

Coulter Option - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GR-CLTR100	GROUND ROLLER COULTER HUB
2	1	30GR-CLTR100	GROUND ROLLER PEDISTAL
3	1	30GR-CLTR101	GROUND ROLLER PEDISTAL
4	1	30GR-CLTR201	GROUND ROLLER COULTER SHAFT, 30"
5	3	30421H	GROUND ROLLER HUB
6	2	1P004-SH	CUTTER ARM
7	1	1B800	8" SCRAPER BLADE
8	1	1W005	8" GROUND ROLLER
9	1	1B800-48	9" SCRAPER BLADE
10	1	1B800-30CLTR	9" SCRAPER BLADE
11	2	1W004	8 1/2" GROUND ROLLER
12	2	FC108	1 1/2" FLANGE BEARING
13	2	117168	1 1/2" BORE TAPER LOCK BUSHING
14	1	S2015-30S	2" ECCENTRIC SHAFT FOR SOLID 30"
15	1	1A100D-30S	30" SOLID HEAD FRAME
16	1	S1822-30SCLTR	KEYED SHAFT, 30" W/ COULTERS
17	1	S1820-30SCLTR	WRIST SHAFT, 30" W/ COULTERS
18	2	30GR-CLTR200	11.25" COULTER
19	2	1P005	Eccentric cam plate
20	1	R290450	BLADE, 30" X 1/4
21	1	BBH30CLTR	30" COULTER BLADE HOLDER
22	2	1P007	Arm plate
23	2	1P006	Eccentric cam
24	20	33004	1/4" FLAT WASHER
25	14	33618	1/4" LOCK WASHER
26	12	13003	1/4"-20 X 3/4" CAPSCREW
27	8	36302	1/4"-20 HEX NUT
28	3	37264	3/8"-16 LOCKNUT
29	3	13115	3/8"-16 X 3" CAPSCREW PT
30	48	33893	3/8" LOCK WASHER
31	16	13103	3/8"-16 X 3/4" CAPSCREW
32	16	33859	3/8" FLAT WASHER
33	10	33894	7/16" LOCK WASHER
34	10	36308	7/16"-14 HEX NUT
35	8	13163	7/16"-14 X 2 1/2" CAPSCREW PT
36	12	30422	1/2"-20 LUG NUT
37	2	1P002HD	CON-ROD HEAVY DUTY,

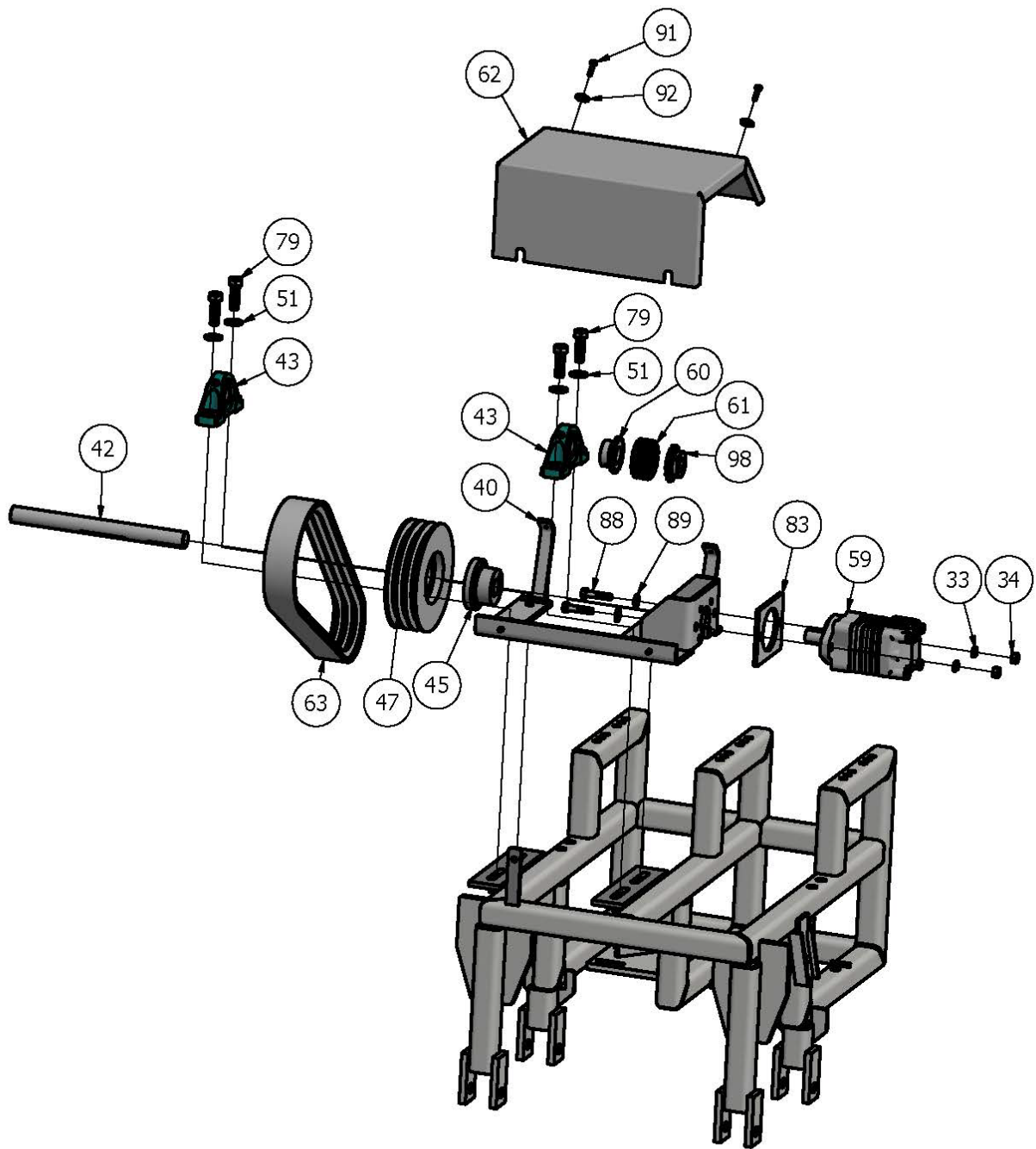


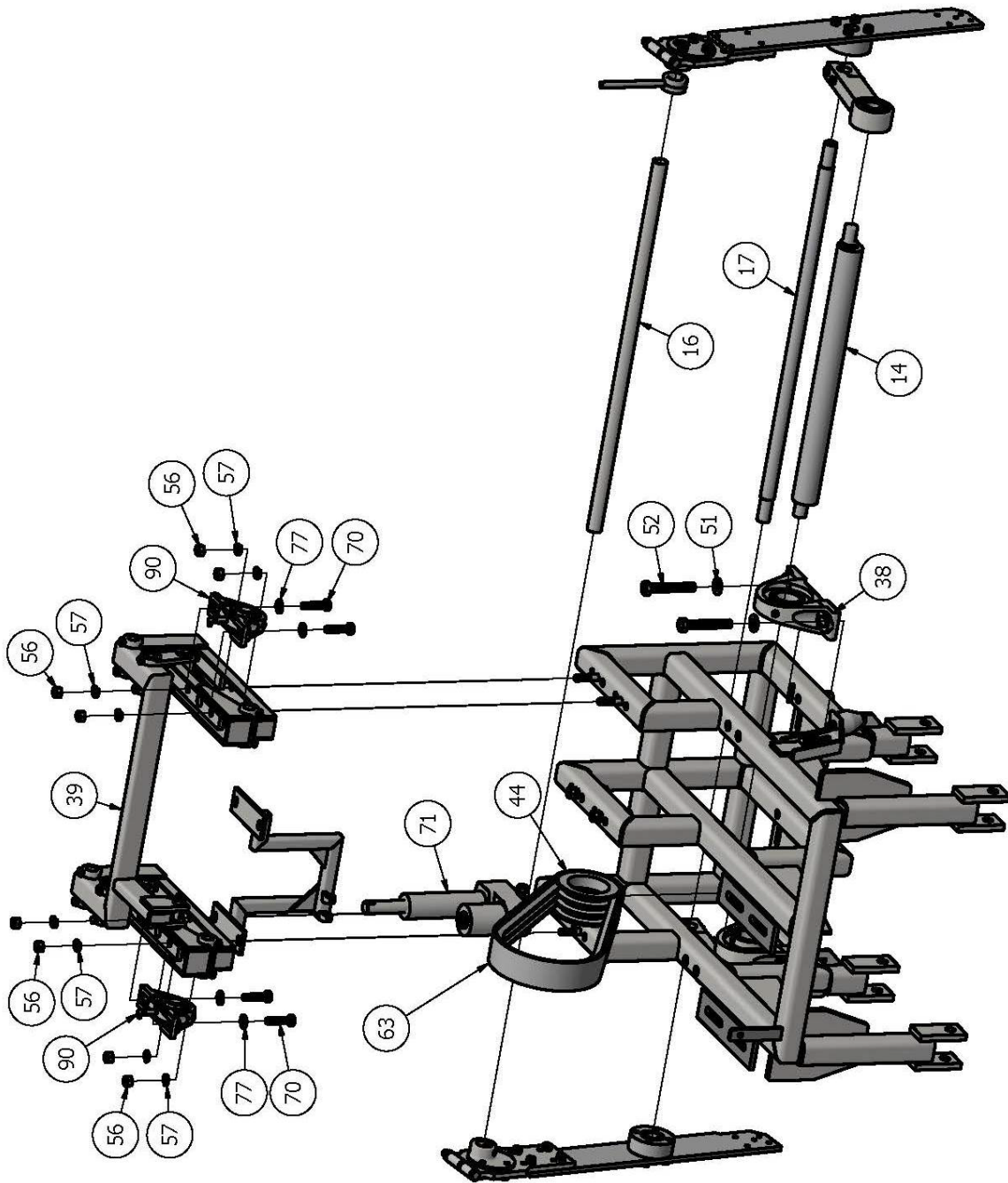
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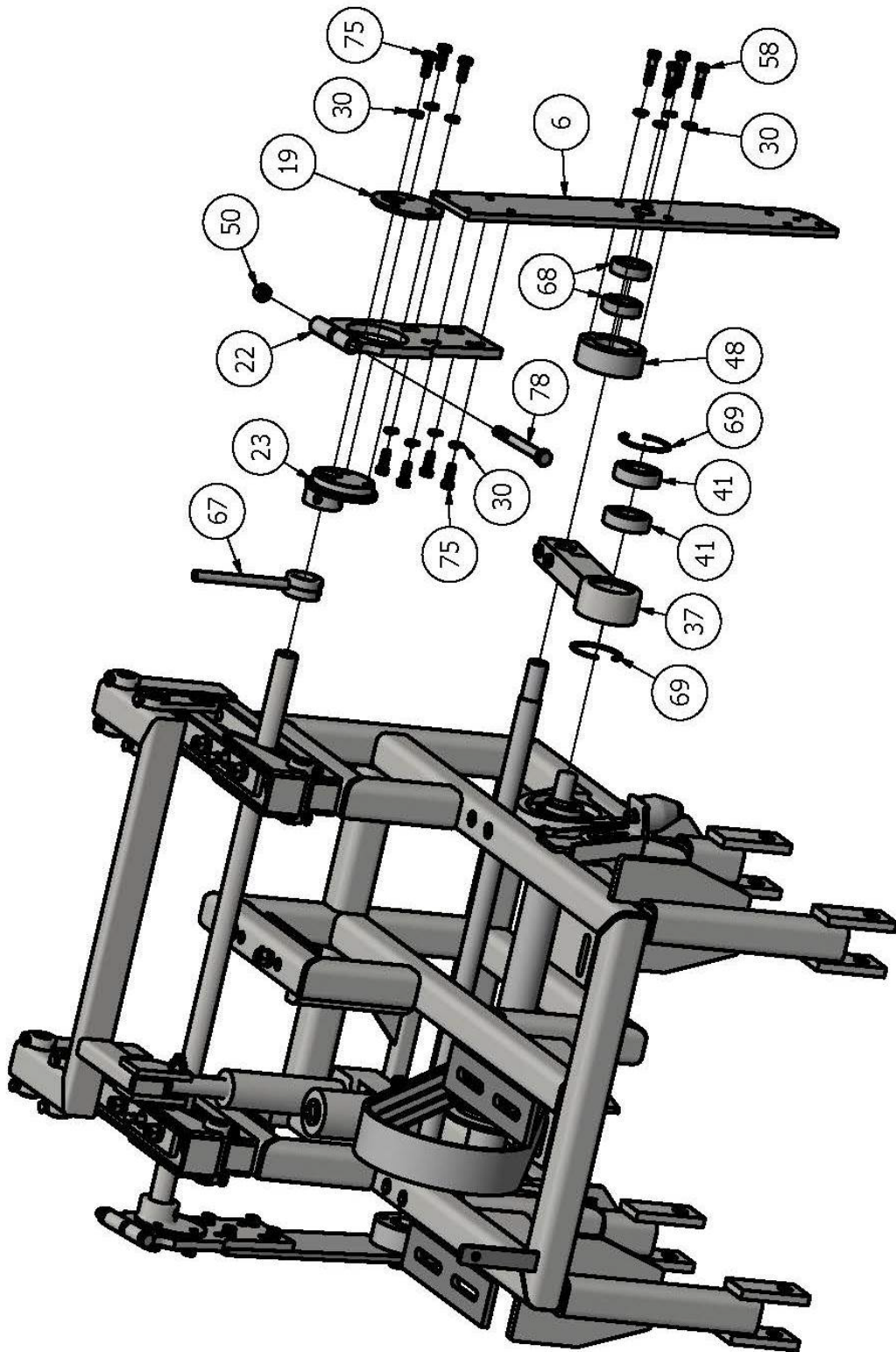
ITEM	QTY	PART NUMBER	DESCRIPTION
38	2	PB200	2" PILLOW BLOCK BEARING
39	1	STDA100-30S	DEPTH CONTROL 30" SOLID HEAD
40	1	LB003L	CUTTER HEAD MOTOR PLATE
41	4	B6305	BALL BEARING
42	1	S1414	1.250" SHAFT, 14" LG
43	2	PB114	1 1/4" PILLOW BLOCK BEARING
44	1	SH460	3 B 46 SD BUSHING
45	1	BU200	Bushing SD x 2 QD
46	1	BU114	1 1/4" BUSHING
47	1	SH800	SHEAVE
48	2	1P003	BEARING BLOCK
49	2	13213	1/2"-13 x 2 1/2" CAPSCREW PT
50	4	37268	1/2"-13 LOCKNUT
51	8	33819	5/8" SAE WASHER
52	4	13319	5/8-11 X 4 GR 5 CAP SCREW
53	8	36314	5/8"-11 HEX NUT
54	8	33897	5/8" LOCK WASHER
55	16	33861	1/2" FLAT WASHER
56	18	36310	1/2"-13 HEX NUT
57	18	33895	1/2" LOCK WASHER
58	8	13109	3/8"-16 X 1 1/2" CAPSCREW PT
59	1	151F2302	DRIVE MOTOR
60	1	CH114-BECI	COUPLING HALF 1.25" 2 SET SCREWS
61	1	CC416	COUPLING CHAIN
62	1	1A901-SH	SOLID HEAD SHEILD
63	1	RBP44-3	DRIVE BELT
64	2	RW1100	BUMPER MOUNT BRACKETS
65	14	36306	3/8"-16 HEX NUT
66	2	MRG1608	RUBBER BUMPER
67	1	1B011	Depth Control Adjusting Arm
68	4	B6205	25mm BALL BEARING
69	4	TR244	2 7/16 SNAP RING INTRNL
70	12	13211	1/2"-13 X 2" CAPSCREW
71	1	DC0009	ACUTATOR
72	4	33860	7/16" FLAT WASHER
73	2	13157	7/16"-14 X 1 1/4" CAPSCREW
74	2	37266	7_16-14 TOP LOCKNUT
75	14	13105	3/8"-16 X 1" CAPSCREW

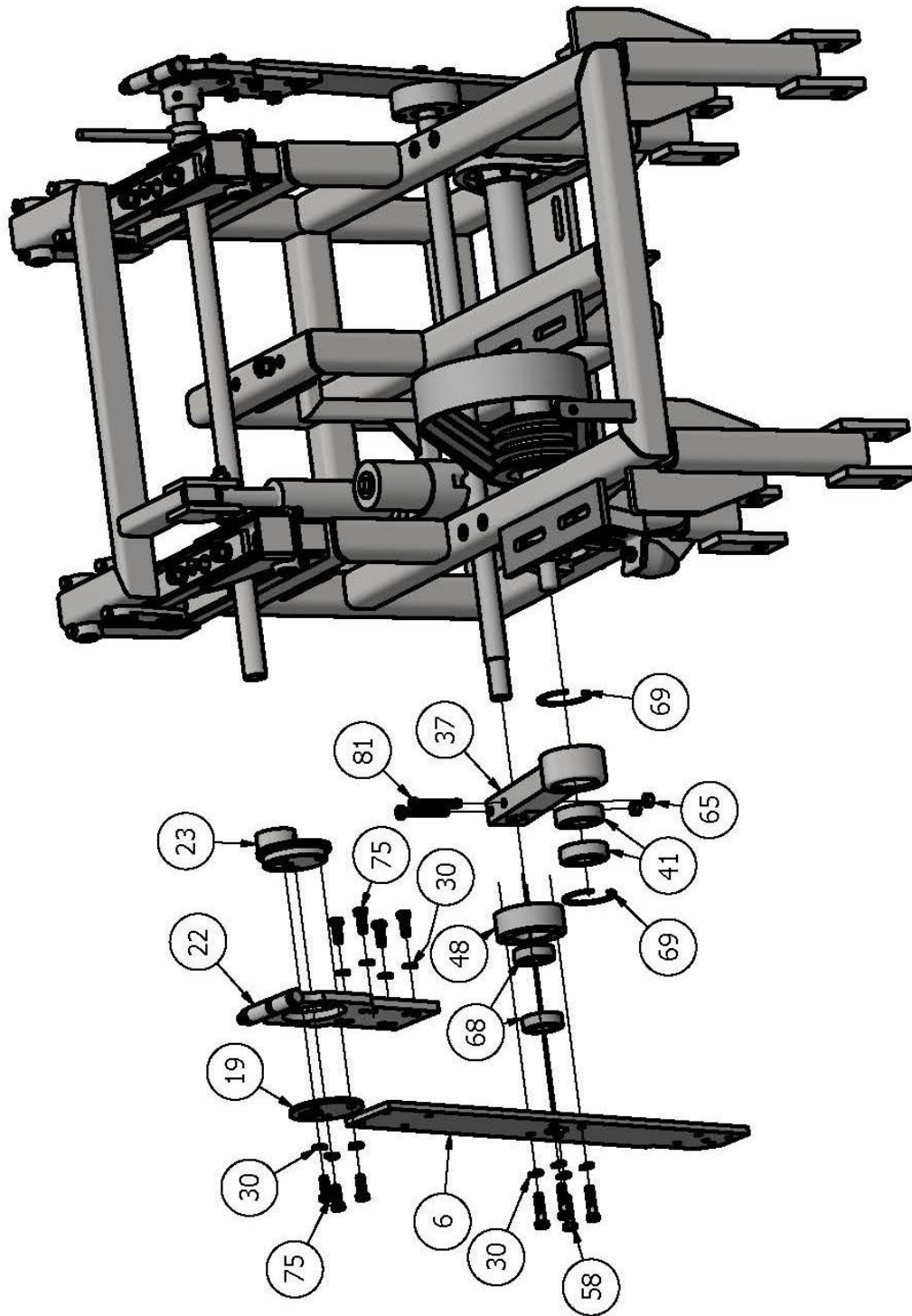
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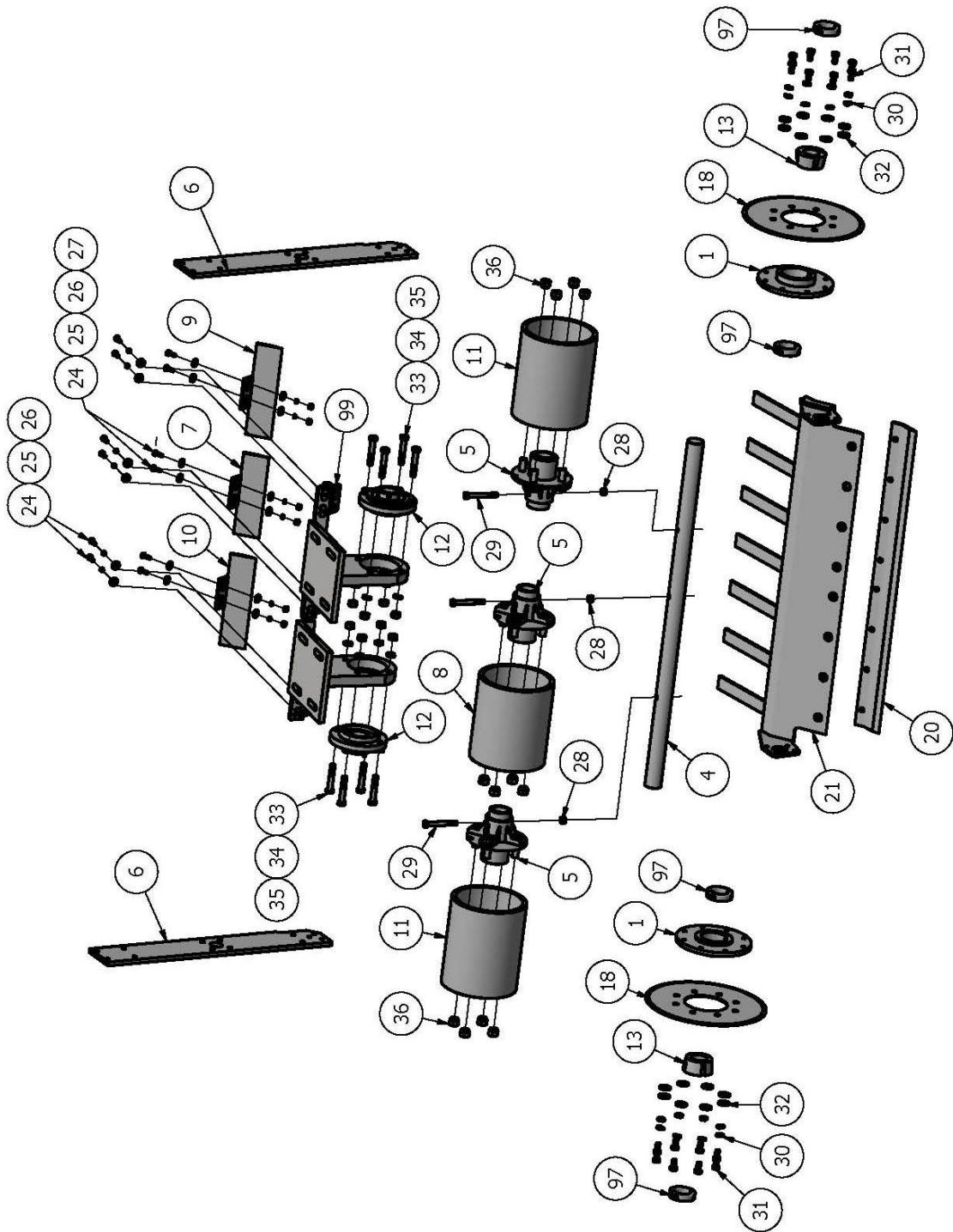
ITEM	QTY	PART NUMBER	DESCRIPTION
76	4	12219	1/2"-13 X 4" CAPSCREW PT
77	10	33817	1/2" SAE WASHER
78	2	13220	1/2"-13 X 4 1/4" CAPSCREW PT
79	4	13827	5/8"-11 X 2" CAPSCREW
80	4	33863	5/8 FLAT WASHER
81	4	13113	3/8"-16 X 2 1/2" CAPSCREW
82	2	13217	1/2"-13 X 3" CAPSCREW PT
83	1	SC110	DS MOTOR SPACER
84	8	17057	5_16-24 X 1 1_4
85	8	33858	5/16" FLAT WASHER
86	8	33892	5/16" LOCK WASHER
87	8	1136454	5/16"-24 HEX NUT
88	2	13161	7/16"-14 X 2" CAPSCREW
89	2	33007	3/8 FLAT WAHSER
90	2	PB118-BECI	PB118 DRILLED AND TAPPED FOR GREASE ZERK
91	2	13005	1/4"-20 X 1" CAPSCREW
92	2	1171212	1/4" FENDER WASHER, 1" OD
93	2	PP-T3100	STEP AP203
94	1	0217770	HOSE MOUNT TOP PLATE
95	1	13012	1/4"-20 X 2 1/4" CAPSCREW PT
96	8	22601	3/8-16 FLAT HEAD PLOW BOLT
97	4	112CL	1 1/2" SPLIT COLLAR
98	1	CH100-BECI	STEP AP203
99	3	PL100	SPRING HINGE

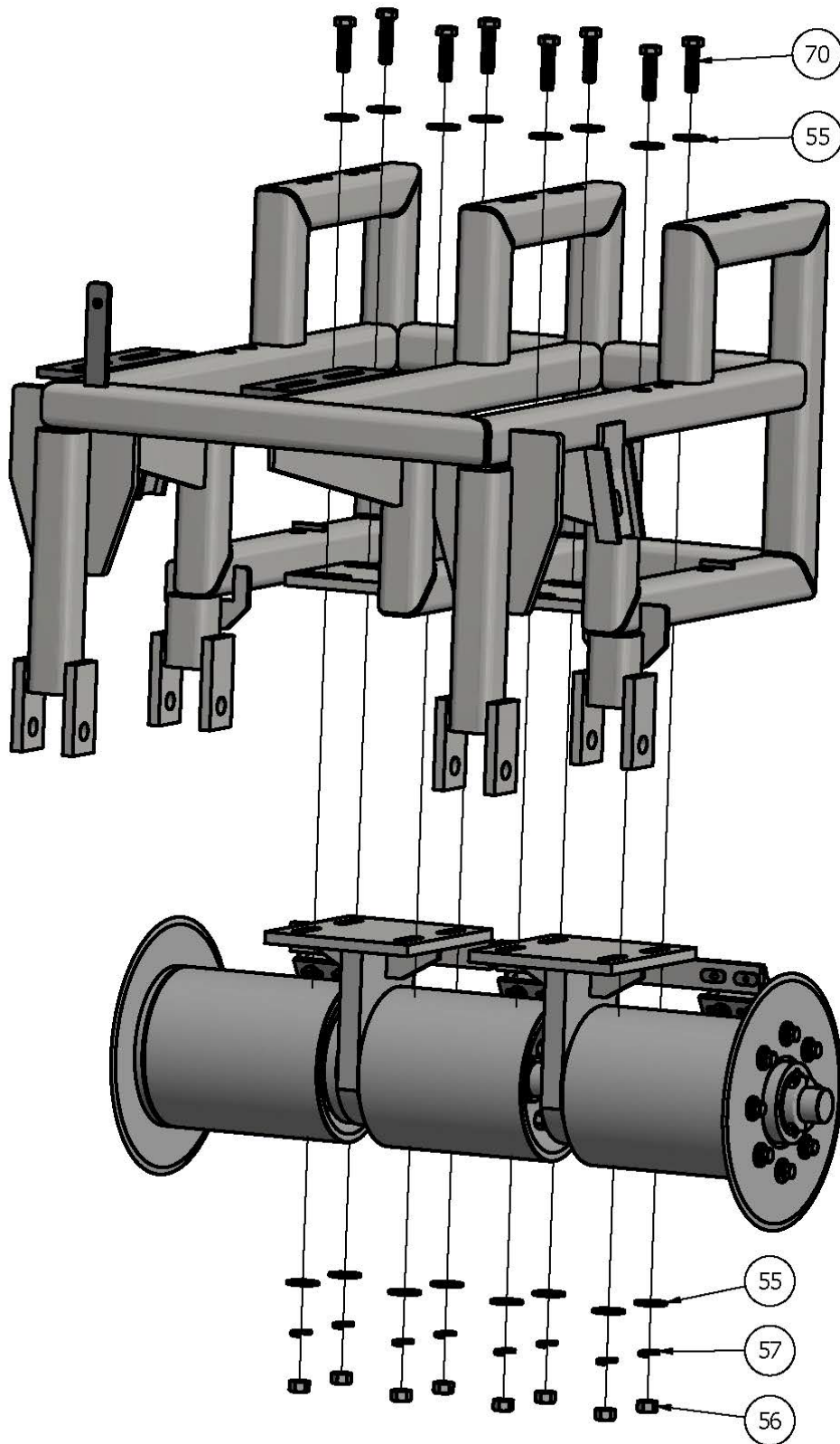












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