

MAGNUM BR SOD HARVESTER PARTS MANUAL



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MAGNUM BR SOD HARVESTER PARTS MANUAL

The purpose of this manual is for parts identification of the Magnum BR sod 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 BR 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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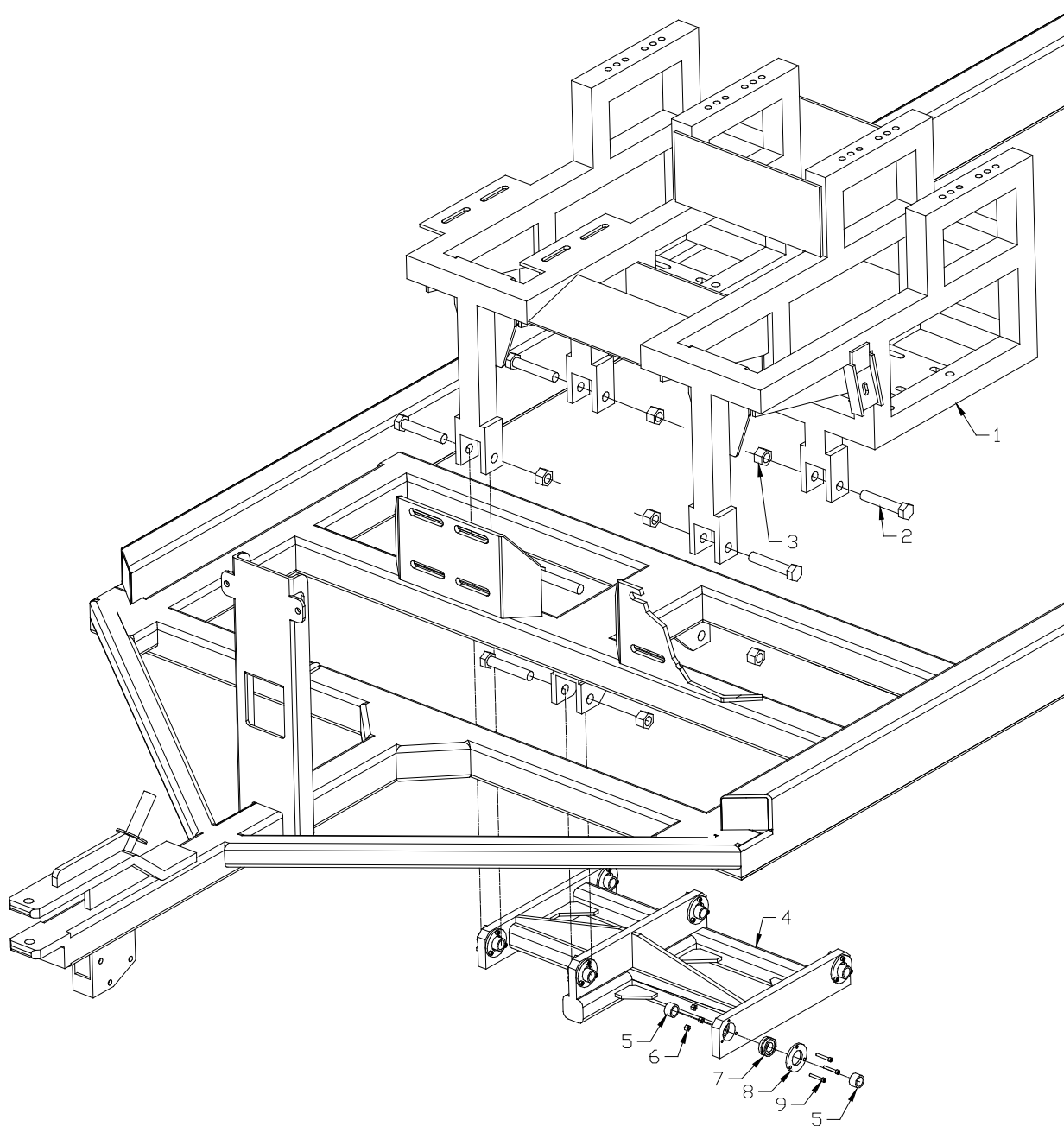
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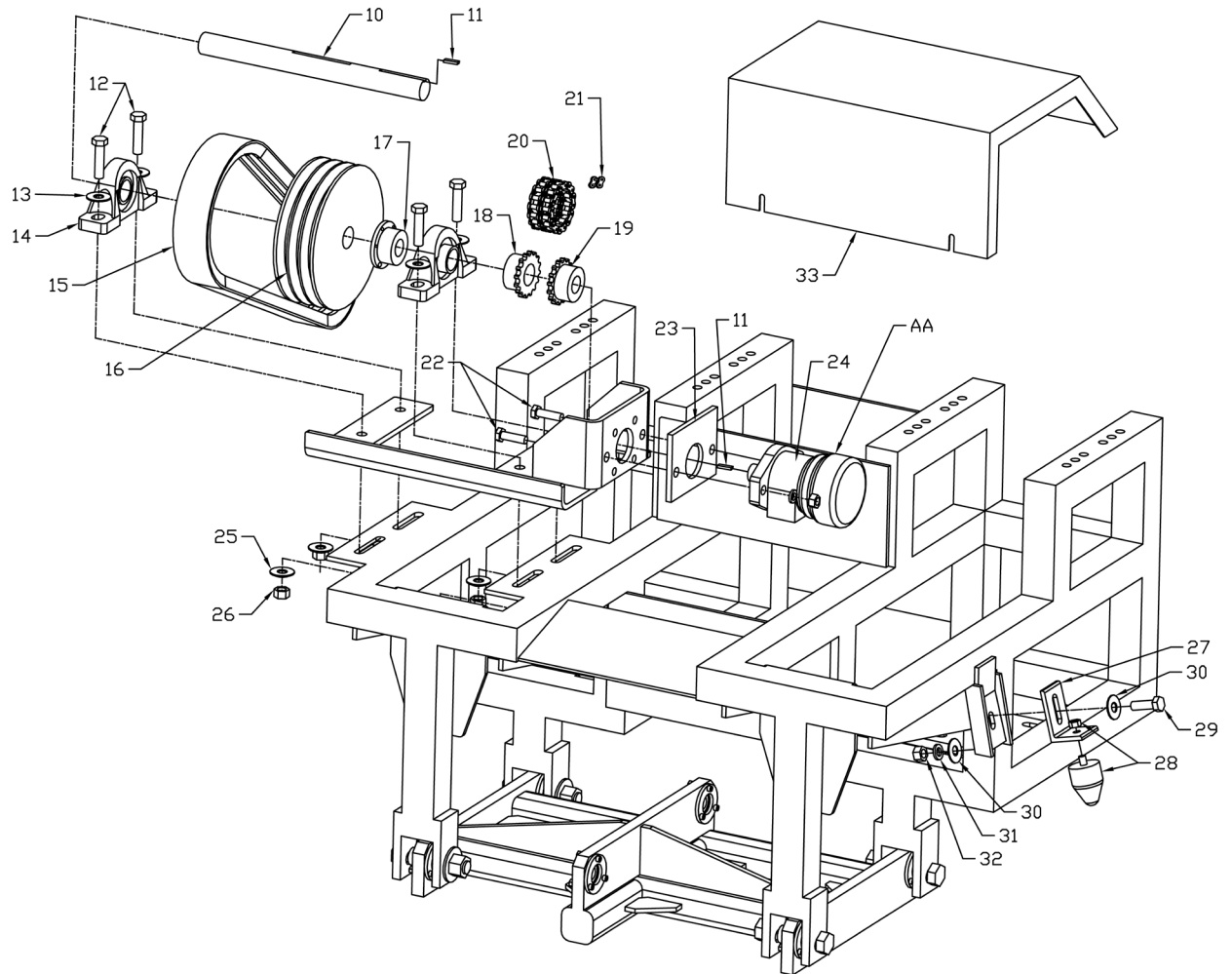
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1A100D-42S (42BR) 1A100D-48S (48BR)	Cutter head frame
2	6	15365	3/4"-10x3" Yel Zinc Fin SAE J429 Gr 8 Cap Screw
3	6	37274	3/4"-10 Grade C Zinc Finish Steel Top Lock Nut
4	1	1W006 (420) 1W006-48 (480)	Undercarriage
5			Not used with 30224-2 (see item #7)
6	18	37015	#10-32 Zinc Finish NM Gr 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 Socket Cap Screw
10	1	S1414	Drive shaft
11	2	1 3/4inKEYSTOCK	Square key
12	4	13213	1/2"-13 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
13	4	33012	1/2" Zinc Finish USS Flat Washer
14	2	PB114	Pillow-block bearing
15	1	RBP44-3	V-belt
16	1	SH800	Sheave
17	1	BU114	Bushing
18	1	CH114-BECI	Coupling half
19	1	CH100-BECI	Coupling half
20	1	CC416	Coupling chain
21	1	40-2	Master link
22	2	13210	1/2"-13 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
23	1	SC110	Hydraulic motor plate
24	1	151F2302 (STANDARD) 151-3704 151F2303	OMS125 Hydraulic motor DS125 Hydraulic motor OMS160 Hydraulic motor
25	4	33012	1/2" Zinc Finish USS Flat Washer
26	4	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
27	2	RW1100	Bumper mounting bracket
28	2	MRG1608	Bumper
29	2	13157	7/16"-14x1-1/4" Grade 5 Zinc Finish Hex Cap Screw
30	4	33816	7/16" Yel Zinc Finish SAE Thru-Hard Flat Washer
31	2	33894	7/16" Yel Zinc Fin Hi Alloy Med Split Lock Washer
32	2	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
33	1	1A901-SH	Belt shield
34	1	STDA100-42S (42BR) STDA100-48S (48BR)	Electric depth control (individual components listed under Electric Depth Control section)
35	8	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
36	8	33895	1/2" Yel Zinc Finish Hi Alloy Med Split Lock Washer
37	2	PB118-BECI	Pillow-block bearing
38	4	33012	1/2" Zinc Finish USS Flat Washer
39	4	13211	1/2"-13 x 2" Grade 5 Zinc Finish Hex Cap Screw
40	2	1P006	Eccentric cam
41	2	1P007	Arm plate

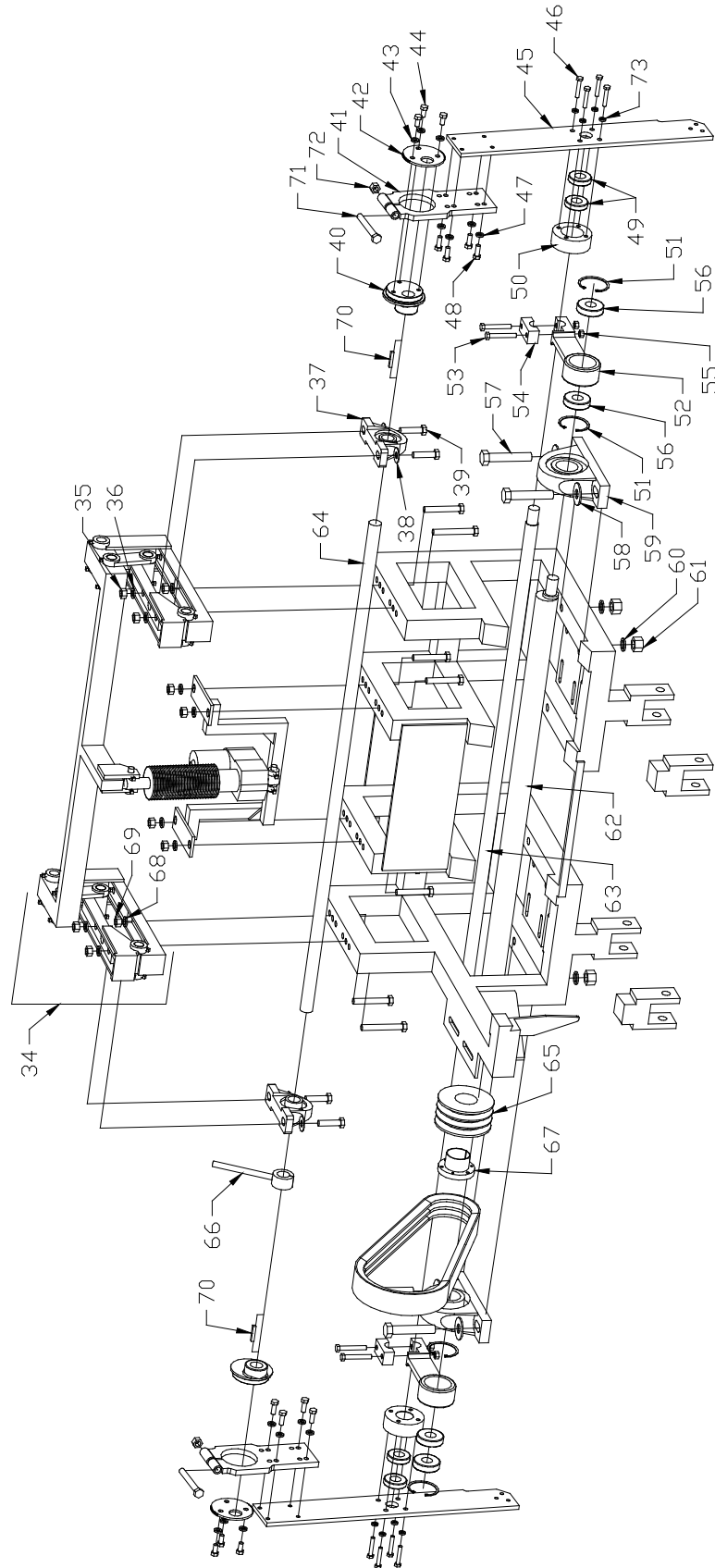
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
42	2	1P005	Eccentric cam cover
43	6	33893	3/8" Yel Zinc Finish Hi Alloy Med Split Lock Washer
44	6	13105	3/8"-16x1" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
45	2	1P004	Cutter arm
46	8	13109	3/8"-16x1-1/2" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
47	8	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
48	8	13105	3/8"-16x1" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
49	4	B6205	Bearing
50	2	1P003	Bearing block
51	4	TR244	Snap ring
52	2	1P002-HD	Connecting rod
53	4	15113	3/8"-16x2-1/2" Grade 8 Yellow Zinc Finish Hex Cap Screw
54	2	1P002-BLK	Connecting rod cap
55	4	37264	3/8"-16 Zinc Finish Grade C Top Lock Nut
56	4	B6305	Bearing
57	4	13319	5/8"-11 x 4" Grade 5 Zinc Finish Hex Cap Screw
58	4	33863	5/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
59	2	PB200	Pillow-block bearing
60	4	33897	5/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
61	4	36314	5/8"-11 Zinc Finish Grade 5 Finished Hex Nut
62	1	S2015-40S/42S (42BR) S2015-48S (48BR)	Eccentric shaft
63	1	S1820-42S (42BR) S1820-48S (48BR)	Wrist shaft
64	1	S1822-42S (42BR) S1822-48S (48BR)	Upper shaft
65	1	SH460	sheave
66	1	1B011	Adjustment lever
67	1	BU200	Bushing
68	2	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
69	2	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
70	2	480FC109	Square key
71	2	13220	1/2"-13 x 4-1/4" Grade 5 Zinc Finish Hex Cap Screw
72	2	37268	1/2"-13 Zinc Finish Grade C Top Lock Nut
73	8	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
74	16	13005	1/4"-20 x 1" Grade 5 Zinc Finish Hex Cap Screw
75	4	PL100	Spring hinge
76	4	1B812 (42BR)	Scraper 8 1/2"
76	2	1B812-48L (48BR)	Scraper 10", Left
	2	1B812-48R (48BR)	Scraper 10", Right
77	8	36302	1/4"-20 Zinc Finish Grade 5 Finished Hex Nut
78	16	33891	1/4" Zinc Finish High Alloy Split Lock Washer
79	1	X028S	Ground roller shaft
80	2	112CL	Split collar
81	8	30422	Lug Nut

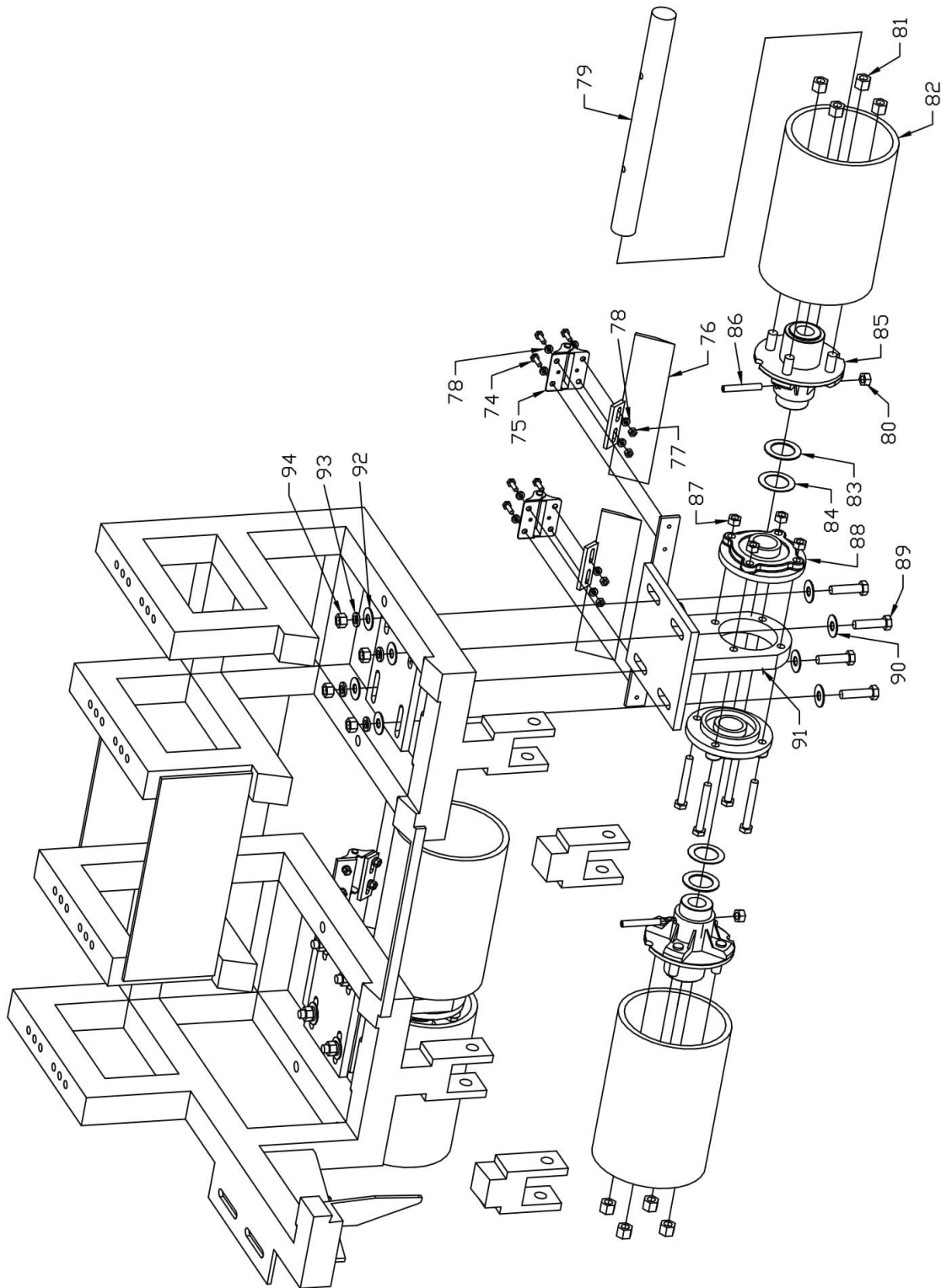
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
82	4	1W004 (42BR)	Ground roller 8 1/2"
82	4	1W004-48 (48BR)	Ground roller 10"
83	4	078WASH	Machine washer
84	4	045WASH	Machine washer
85	4	30421H	Hub Assembly
86	4	375CP	Roll pin
87	8	1136408	7/16"-14 Yellow Zinc Finish Grade 8 Finished Hex Nut
88	4	FC108	Flange bearing
89	4	13211	1/2"-13 x 2" Grade 5 Zinc Finish Hex Cap Screw
90	4	33012	1/2" Zinc Finish USS Flat Washer
91	2	3A7000N	Ground roller pedestal
92	4	33012	1/2" Zinc Finish 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
95		Blades See Page 2.8	Cutter Blades
96	1	LB003L	Motor Mount Plate
Repair Kit			
AA	1	151-1286	Repair kit for cutter head motor



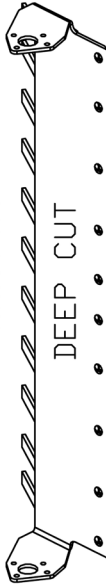








42" BLADE HOLDERS
BBH42TC



BBH42RS



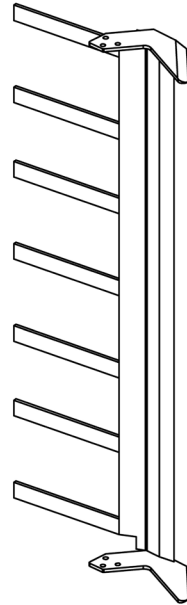
48" BLADE HOLDERS
BBH48TC



BBH48RS



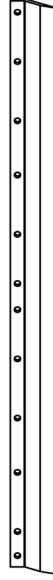
42" SOLID BLADE
SP42



42" BLADE HOLDER BLADE
BB42SC



48" BLADE HOLDER BLADE
BB48SC



SIDE CUTTER
BRACKET
R015183



SIDE CUTTERS
R260300-RC R260300-DC



REG. CUT

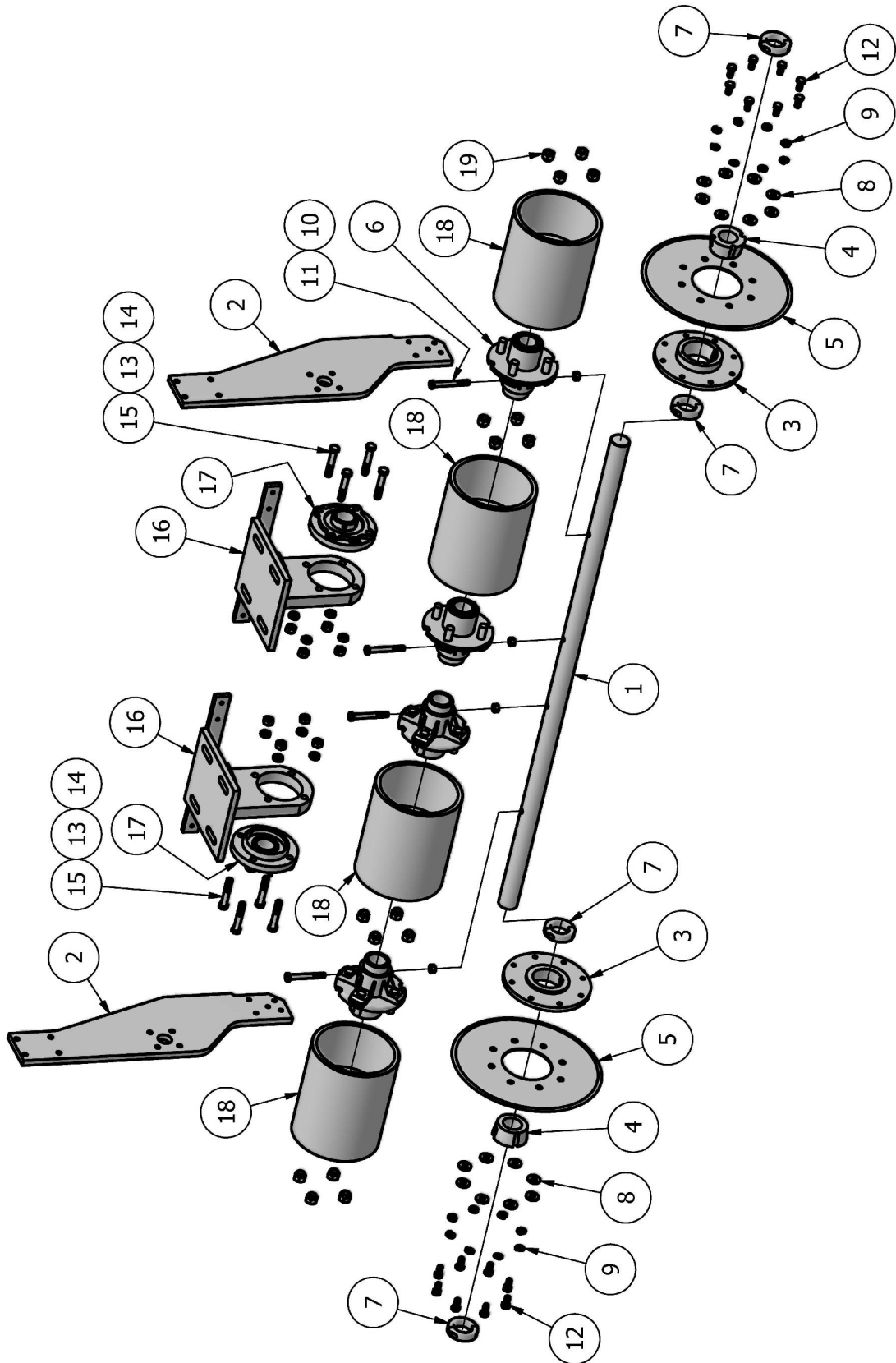


DEEP CUT

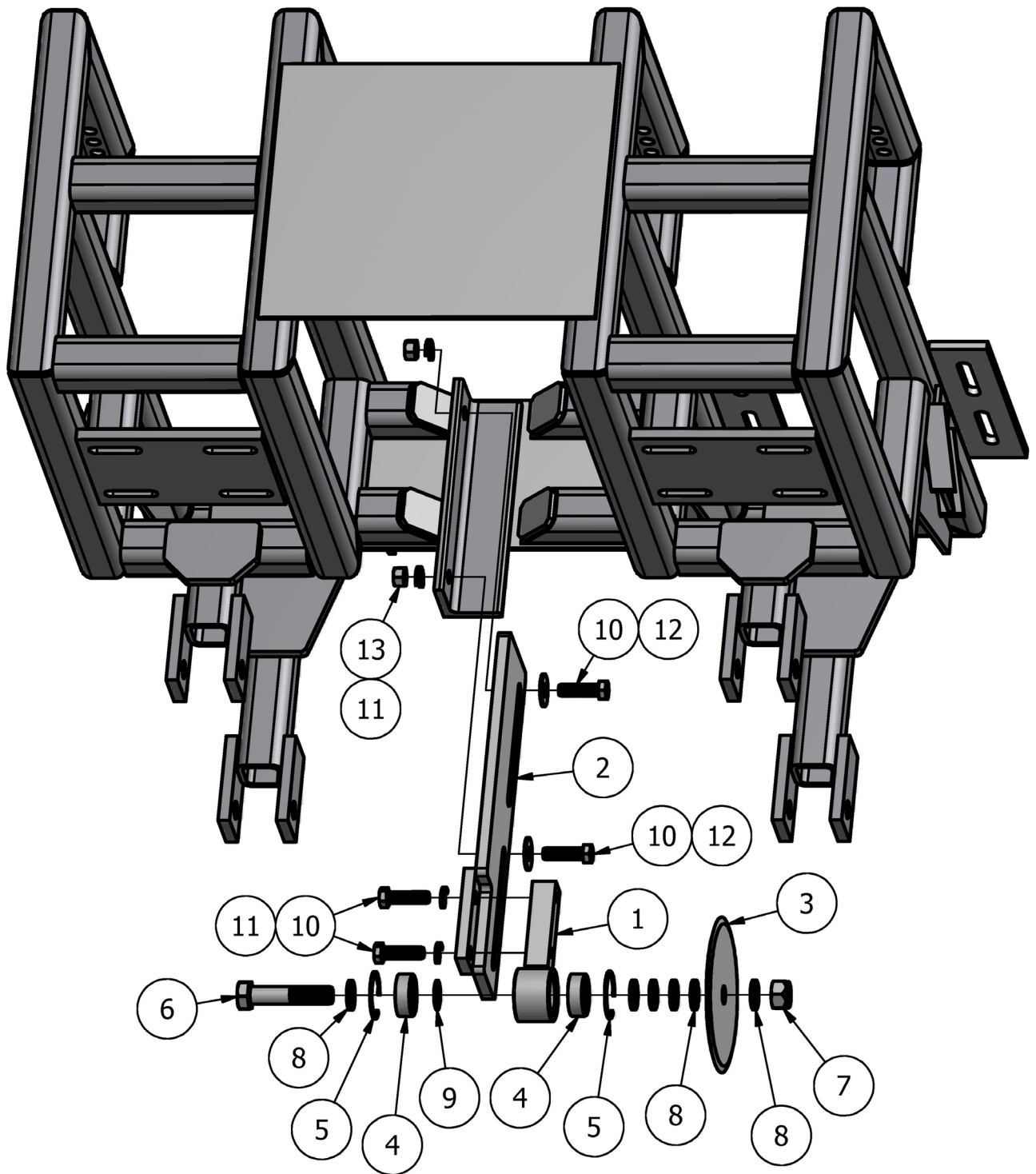
Coulters - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	42GR-CLTR200	GROUND ROLLER COULTER SHAFT, 42"
	1	48GR-CLTR200	GROUND ROLLER COULTER SHAFT, 48"
2	2	GR-CLTR201	CUTTER ARM GROUND ROLLER COULTER
3	2	GR-CLTR100	GROUND ROLLER COULTER HUB
4	2	117168	1 1/2" BORE TAPER LOCK BUSHING
5	2	R280106	12" COULTER
	2	R280109	11" SPLIT COULTER
	2	R280110	9 1/2" SPLIT COULTER
6	4	30421H	GROUND ROLLER HUB
7	4	2C-150	1 1/2" SPLIT COLLAR
8	16	33859	3/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
9	16	33893	3/8" Yel Zinc Finish High Alloy Med Split Lock Washer
10	4	37264	3/8"-16 Zinc Finish Grade C Top Lock Nut
11	4	13115	3/8"-16x3" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
12	16	13103	3/8"-16 x 3/4" Grade 5 Zinc Finish Hex Cap Screw
13	8	33894	7/16" Yel Zinc Finish High Alloy Med Split Lock Washer
14	8	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
15	8	13163	7/16"-14 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
16	2	3A7000N	GROUND ROLLER PEDISTAL
17	2	FC108	1 1/2" FLANGE BEARING
18	4	1W004	8 1/2" GROUND ROLLER, 42"
	4	1W004-48	10" GROUND ROLLER, 48"
19	16	30422	1/2"-20 LUG NUT

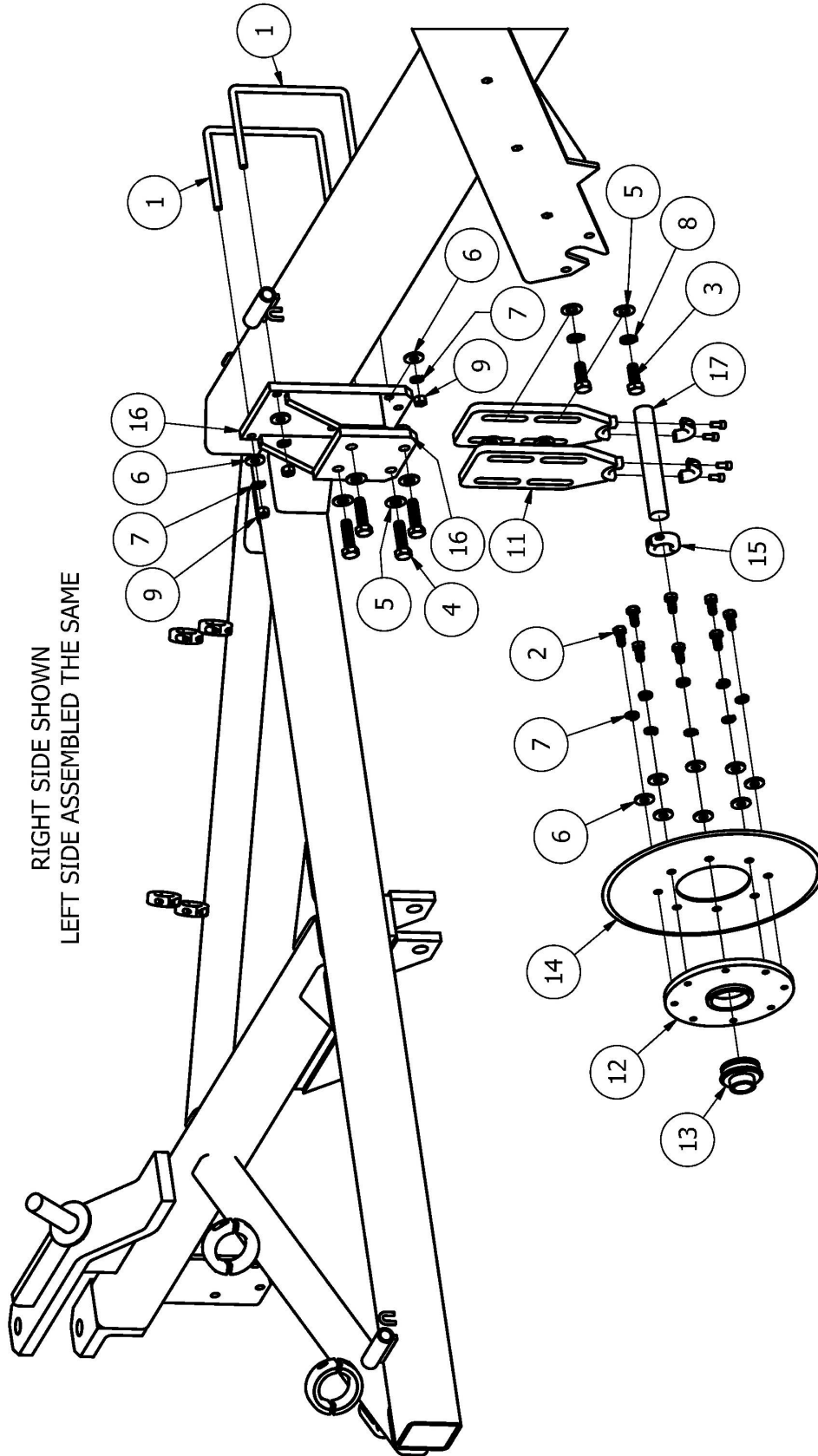




Center Coultter Option - Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CCLTR101	CENTER COULTER BEARING MNT
2	1	CCLTR103	CENTER COULTER MOUNT
3	1	R280106	12" COULTER
	1	R280109	11" SPLIT COULTER
	1	R280110	9 1/2" SPLIT COULTER
4	2	204RR6 A4361 AG	3/4" ID BEARING
5	2	68064	1 13/16" INTERNAL SNAP RING
6	1	15367	3/4"-10 X 3 1/2" CAPSCREW PT, GR 8
7	1	37274	3/4"-10 LOCKNUT
8	6	97669A400	3/4"-10 GA SHIM
9	1	97669A220	3/4"-18 GA SHIM
10	4	15210	1/2"-13 X 1 3/4" CAPSCREW, GR 8
11	4	33895	1/2" Yel Zinc Finish Hi Alloy Med Split Lock Washer
12	2	33861	1/2" Yel Zinc Finish USS Thru-Hardened Flat Washer
13	2	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut



Frame Mounted Option - Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	0156435	3/8 X 5 X 6 SQ U-BOL
2	16	13103	3/8"-16 X 3/4" CAPSCREW
3	8	13207	1/2-13 X 1 1/4" CAPSCREW
4	8	13210	1/2"-13 X 1 3/4" CAPSCREW
5	21	33817	1/2" SAE WASHER
6	24	33859	3/8" FLAT WASHER
7	24	33893	3/8" LOCK WASHER
8	16	33895	1/2" LOCK WASHER
9	8	36306	3/8"-16 HEX NUT
10	8	36310	1/2"-13 HEX NUT
11	4	BCLTR101	COULTER SHAFT MOUNT
12	2	BCLTR102	COULTER HUB
13	2	ER16	1" BEARING W/ COLLAR
14	2	R280106	12" COULTER
	2	R280109	11" SPLIT COULTER
	2	R280110	9 1/2" SPLIT COULTER
15	2	SC100	1" SPLIT COLLAR
16	2	TR-CCLTR100	CENTER COULTER
17	2	TR-CCLTR200	CENTER COULTER OUTER SHAFT



NOTES:

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