

MAGNUM SRA SERIES

PARTS MANUAL



MAGNUM 300SRA
MAGNUM 420SRA
MAGNUM 480SRA

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RE-ORDER NUMBER: SRAMANUAL
REVISION: SRA-100025



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

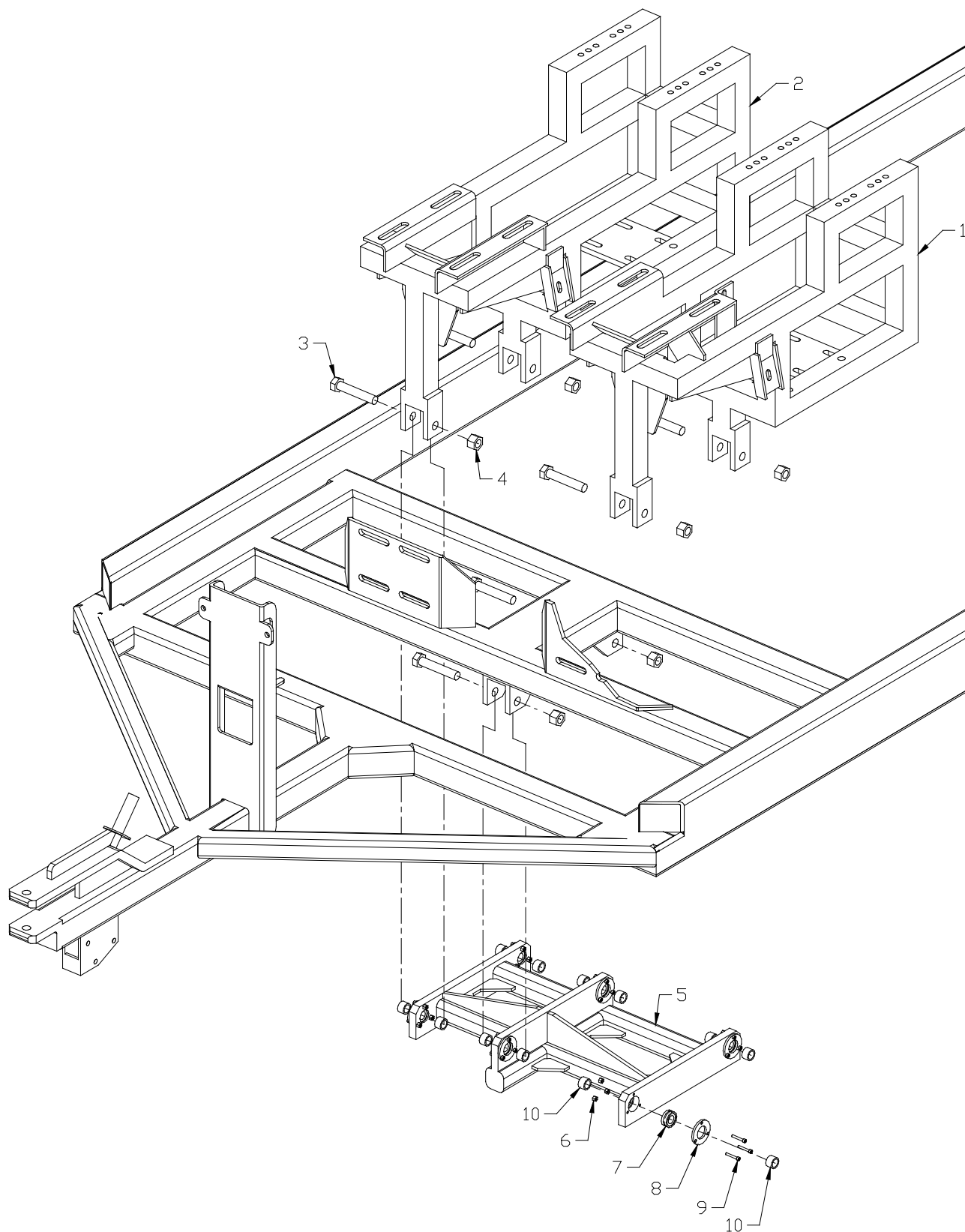
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
46	2	36314	5/8"-11 Zinc Finish Grade 5 Finished Hex Nut
47	1 Pair	STDA100	Electric depth control assy. (individual components listed under ELECTRIC DEPTH CONTROL section)
48	4/head	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
49	4/head	33893	3/8" Yellow 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.

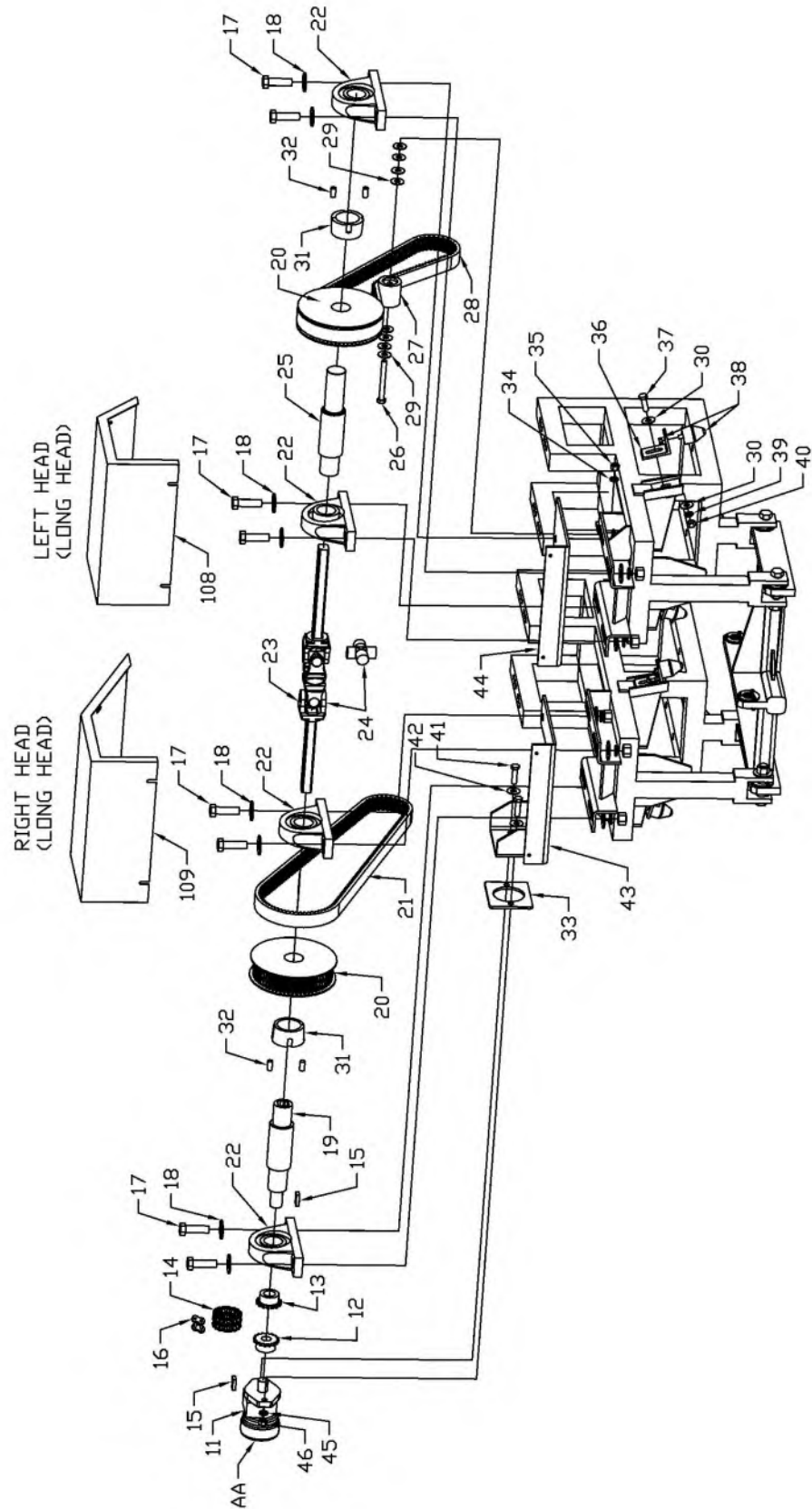


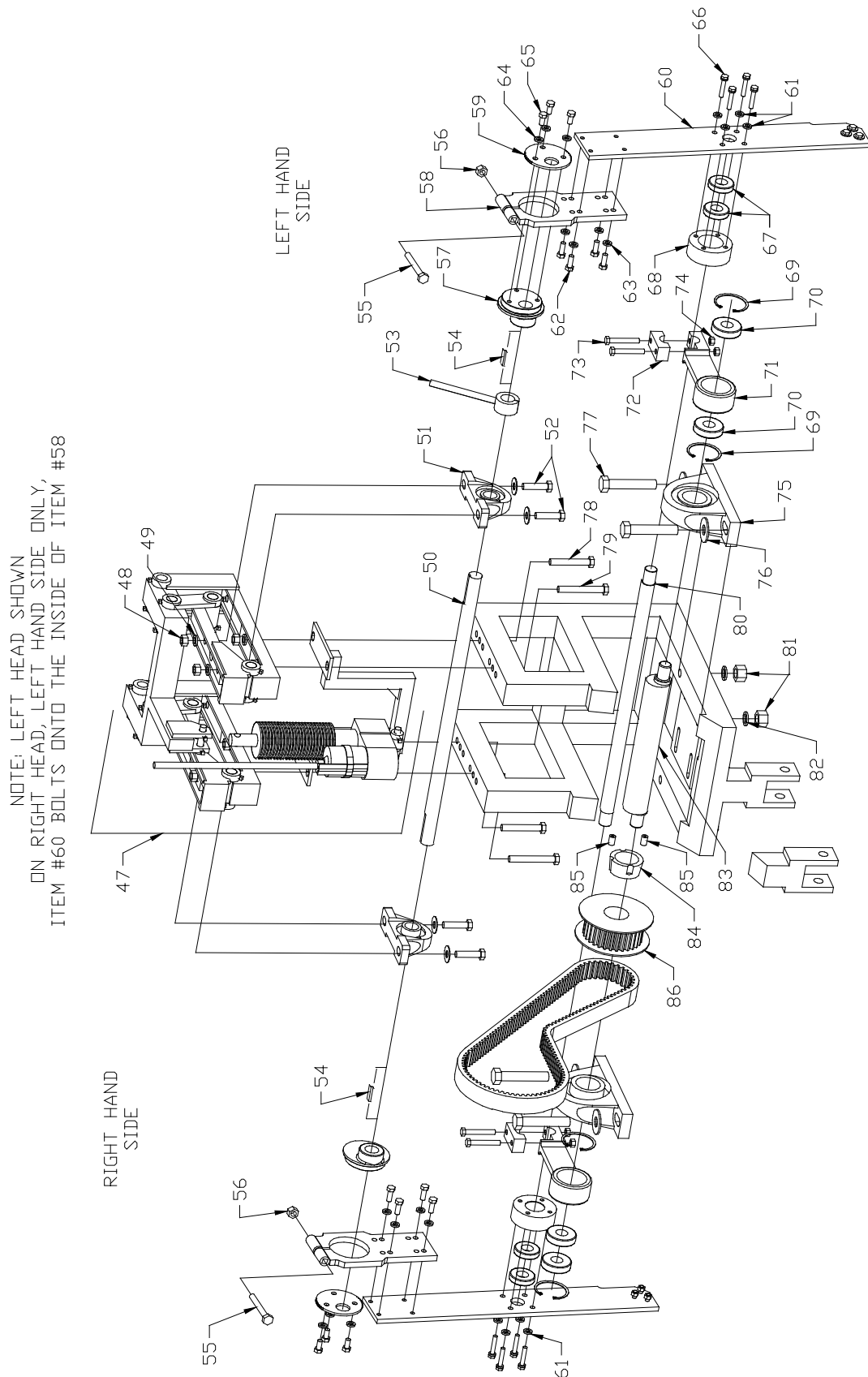
420/480 FLOATING HEADS

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

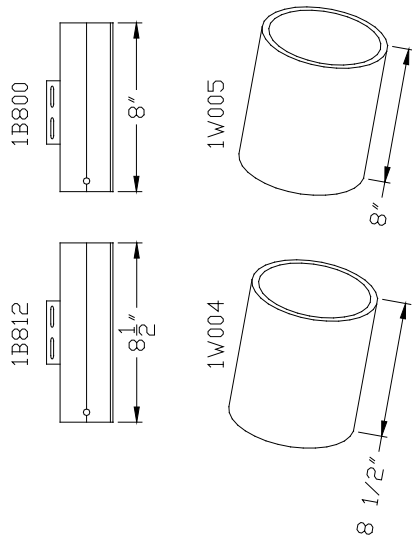




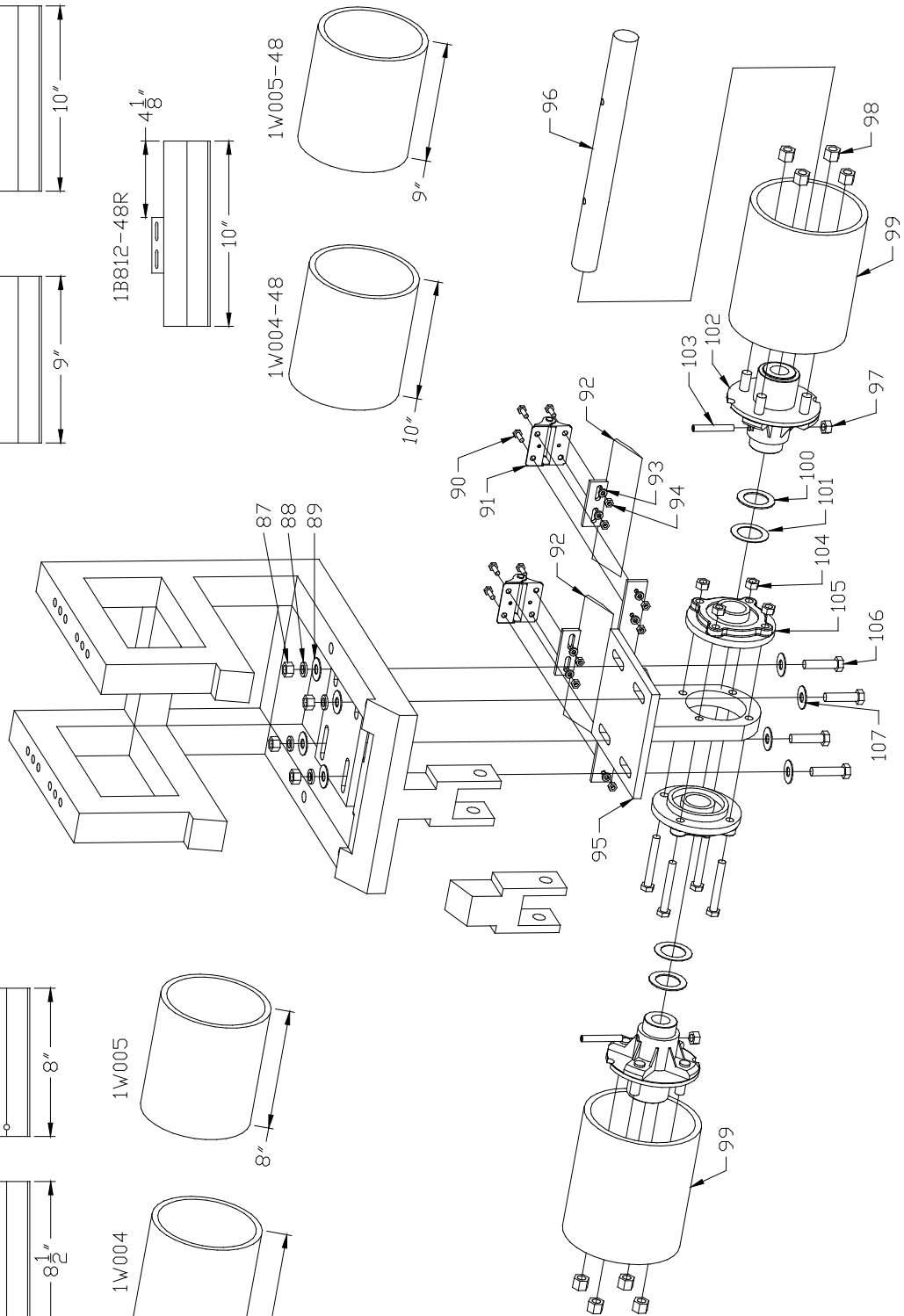
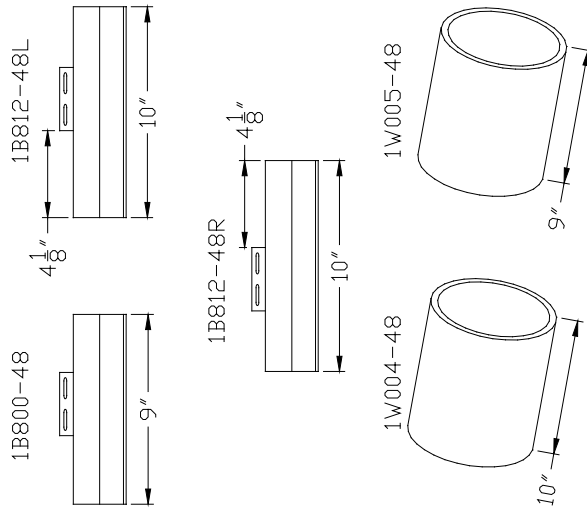




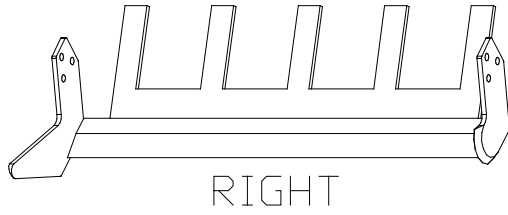
42" FLOATING HEADS GROUND ROLLER & SCRAPER BLADES (SEE ITEM 92 & 99 BELOW)



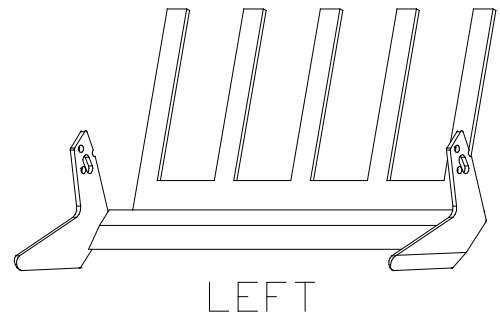
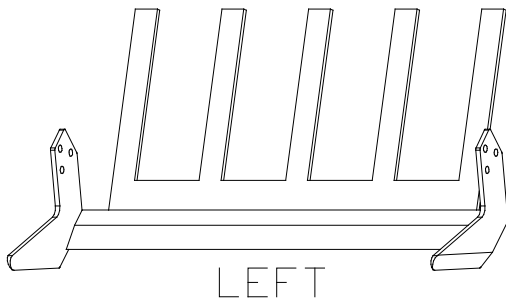
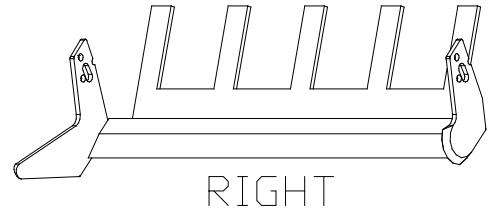
48" FLOATING HEADS GROUND ROLLER & SCRAPER BLADES (SEE ITEM 92 & 99 BELOW)



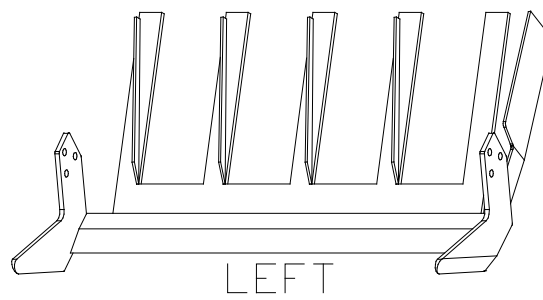
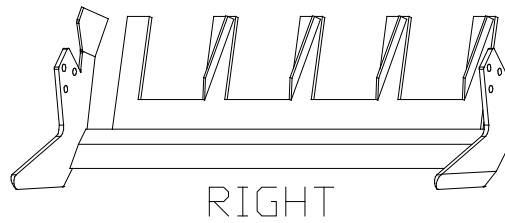
REG. CUT BLADES
RR10C-XX



QUICK HITCH BLADES
RR10CQH-XX



STRIP CUT BLADES
RR10S-XX



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1A Parts List

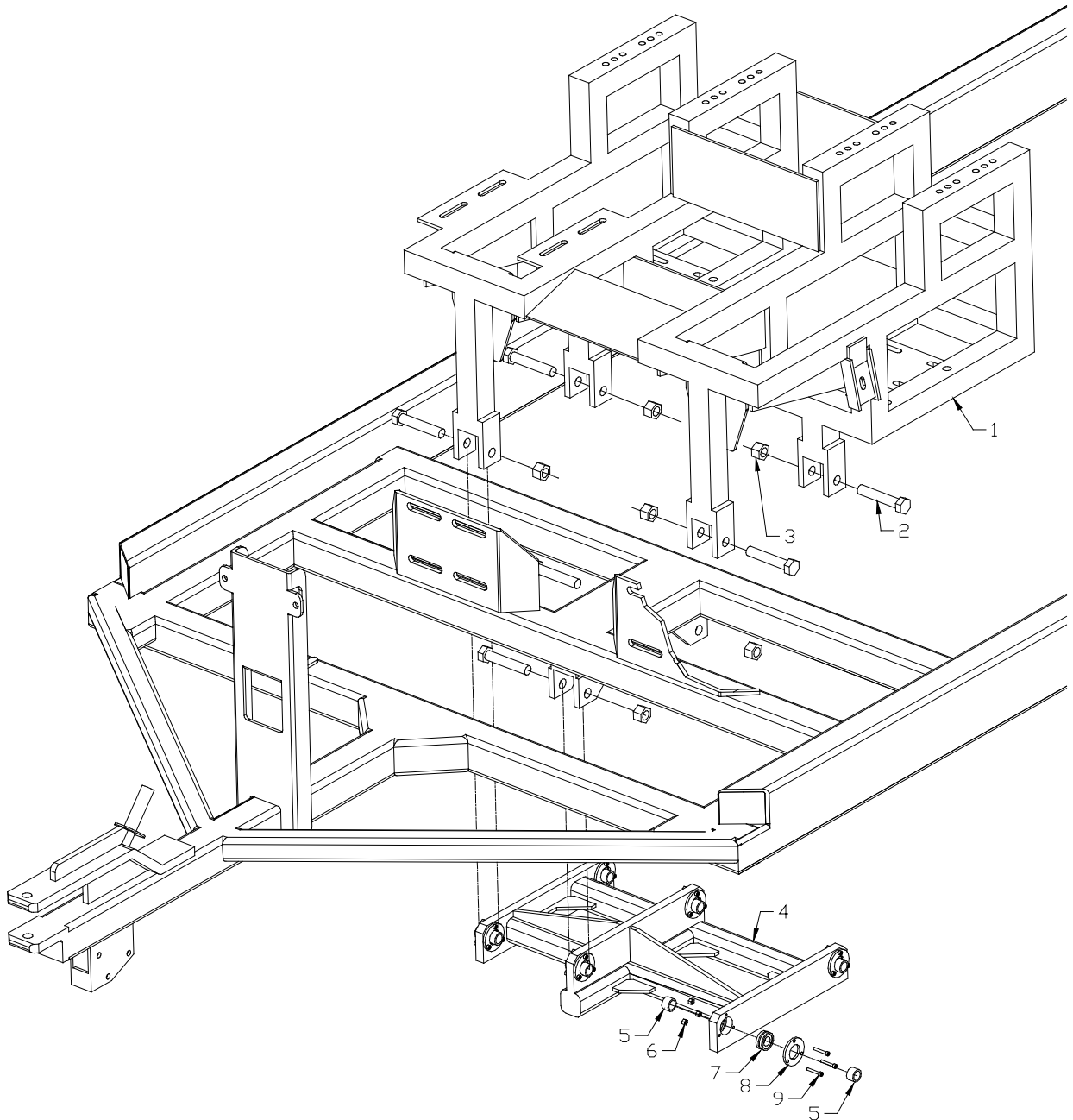
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1A100D-42S (420) 1A100D-48S (480)	Cutter head frame
2	6	15365	3/4"-10x3" Yellow Zinc SAE J429 Gr 8 Cap Screw
3	6	37274	3/4"-10 Grade C Zinc Finish Steel Top Lock Nut
4	1	1W006 (420) 1W006-48 (480)	Undercarriage
5	12	1P008	Obsolete, not used with 30224-2
6	18	37015	10-32 Zinc 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 Socket Cap Screw
10	1	S1414	Drive shaft
11	2	1 1/2inKEYSTOCK	1/4" KEYSTOCK, 1 1/2" LG
12	4	13213	1/2"-13 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
13	4	33012	1/2" Low Carbon Zinc 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" Low Carbon Zinc Finish Steel 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" Yellow Zinc SAE Thru-Hard Flat Washer
31	2	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
32	2	1136408	7/16"-14 Yellow Zinc Finish Gr 8 Finished Hex Nut
33	1	1A901-SH	Belt shield
34	1	STDA100-42S (420) STDA100-48S (480)	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" Yellow Zinc High Alloy Med Split Lock Washer
37	2	PB118-BECI	Pillow-block bearing
38	4	33012	1/2" Low Carbon Zinc Finish Steel 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

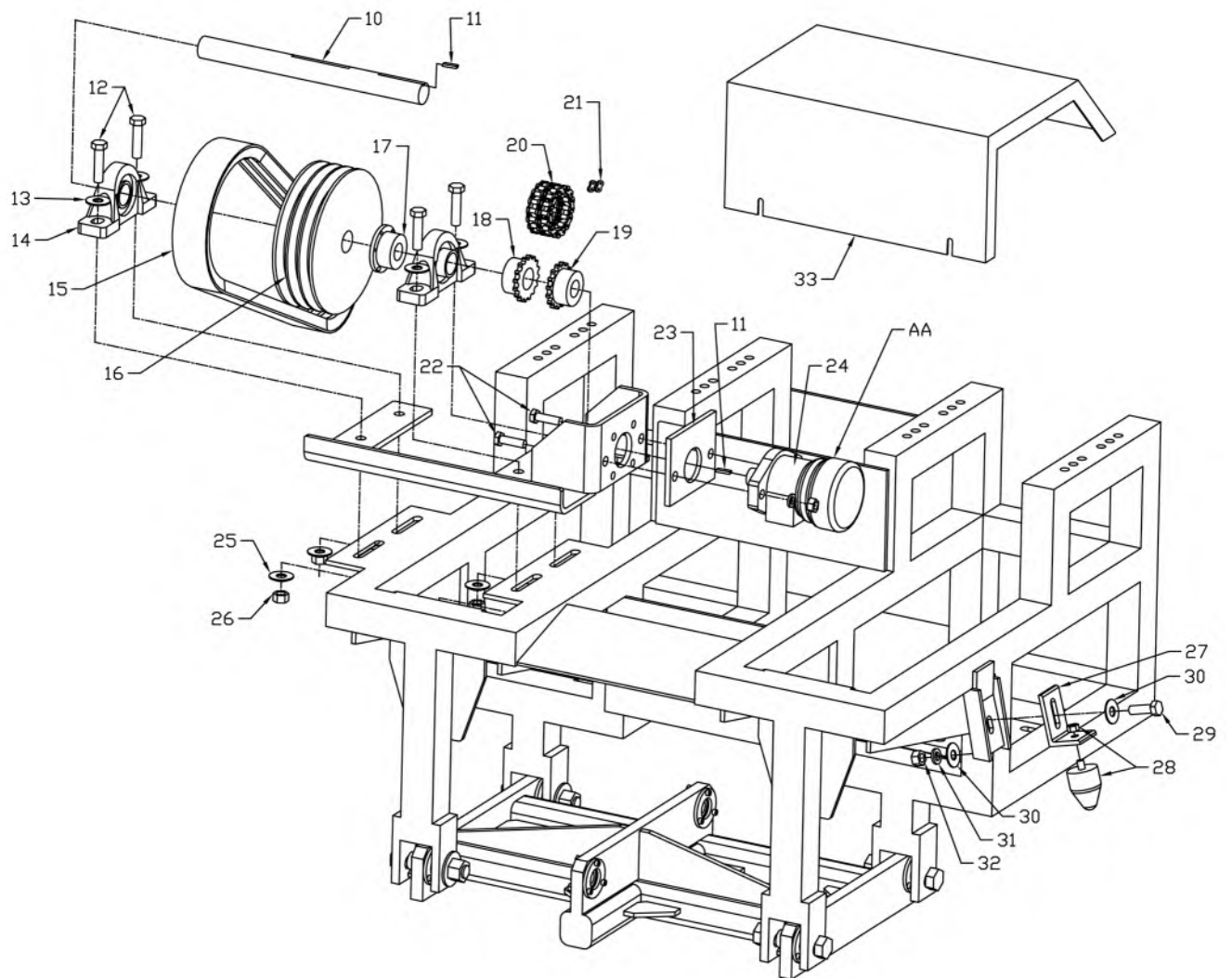


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
42	2	1P005	Eccentric cam cover
43	6	33893	3/8" Yellow Zinc High Alloy Med Split Lock Washer
44	6	13105	3/8"-16 x 1" Zinc SAE J429 Gr 5 Hex Cap Screw
45	2	1P004	Cutter arm
46	8	13109	3/8"-16x1-1/2" Zinc SAE J429 Gr 5 Hex Cap Screw
47	8	33893	3/8" Yellow Zinc High Alloy Med Split Lock Washer
48	8	13105	3/8"-16x1" Zinc SAE J429 Gr 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" Gr 8 Yellow Zinc 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-Hard Flat Washer
59	2	PB200-BECI	Pillow-block bearing
60	4	33897	5/8" Yellow Zinc High Alloy Med Split Lock Washer
61	4	36314	5/8"-11 Zinc Finish Grade 5 Finished Hex Nut
62	1	S2015-40S/42S (420) S2015-48S (480)	Eccentric shaft
63	1	S1820-42S (420) S1820-48S (480)	Wrist shaft
64	1	S1822-42S-2 (420) S1822-48S-2 (480)	Upper shaft
65	1	SH460	Sheave
66	1	1B011	Adjustment lever
67	1	BU200	Bushing
68	2	33895	1/2" Yellow Zinc High Alloy Med Split Lock Washer
69	2	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
70	2	1 1/2inKEYSTOCK	1/4" Key stock, 1 1/2" Long
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 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 (420)	Scraper 8 1/2"
76	2	1B812-48L (480)	Scraper 10", Left
	2	1B812-48R (480)	Scraper 10", Right
77	16	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	4	37264	3/8"-16 Zinc Finish Grade C Top Lock Nut
81	8	30422	Lug Nut

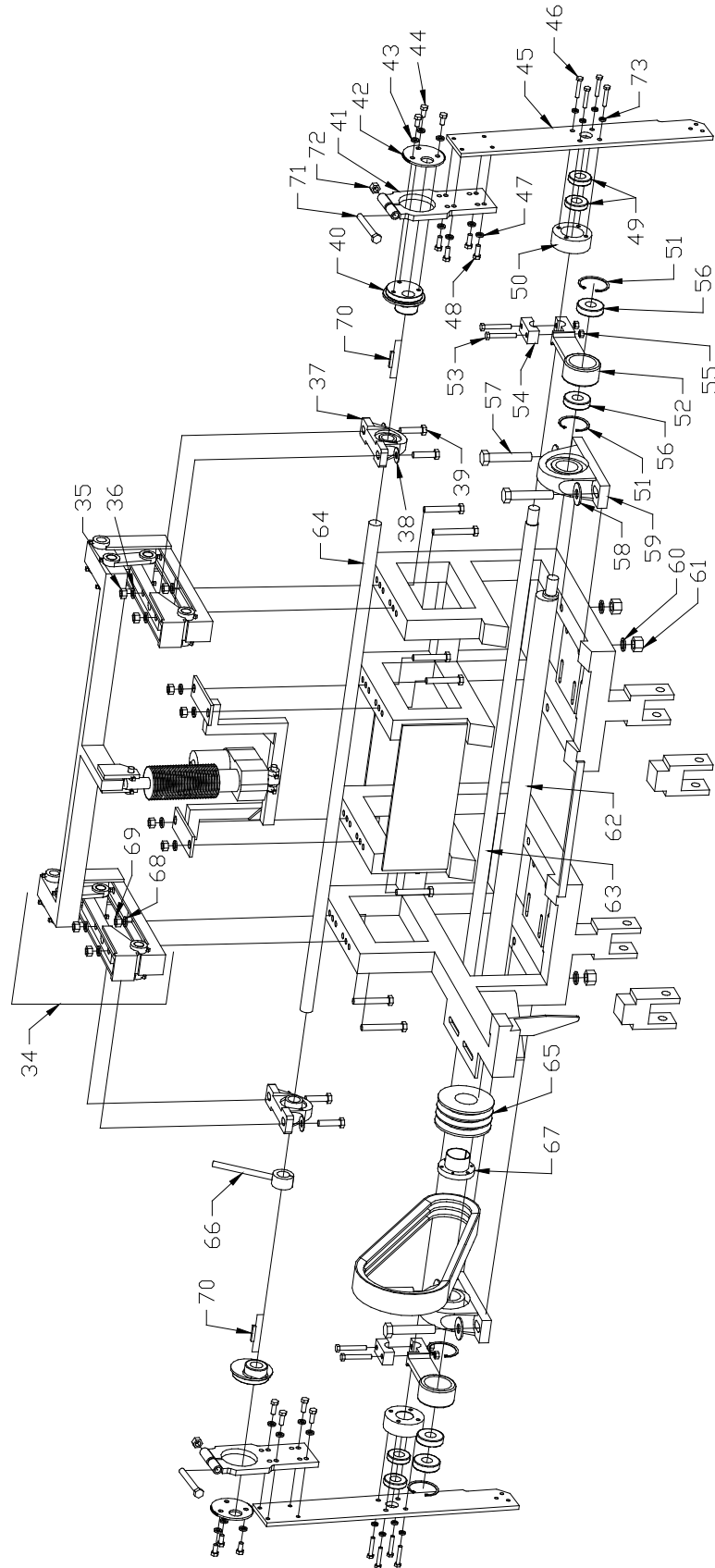
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
82	4	1W004 (420)	Ground roller 8 1/2"
82	4	1W004-48 (480)	Ground roller 10"
83	4	078WASH	Machine washer
84	4	045WASH	Machine washer
85	4	30421H	Hub Assembly
86	4	13115	3/8"-16x3" Zinc SAE J429 Gr 5 Hex Cap Screw
87	8	1136408	7/16"-14 Yellow Zinc Finish Gr 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" Low Carbon Zinc Finish Steel USS Flat Washer
91	2	3A7000N	Ground roller pedestal
92	4	33012	1/2" OD Low Carbon Zinc Finish USS Flat Washer
93	4	33895	1/2" Yellow Zinc 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 151-3704, 151F2316, & 151-2302

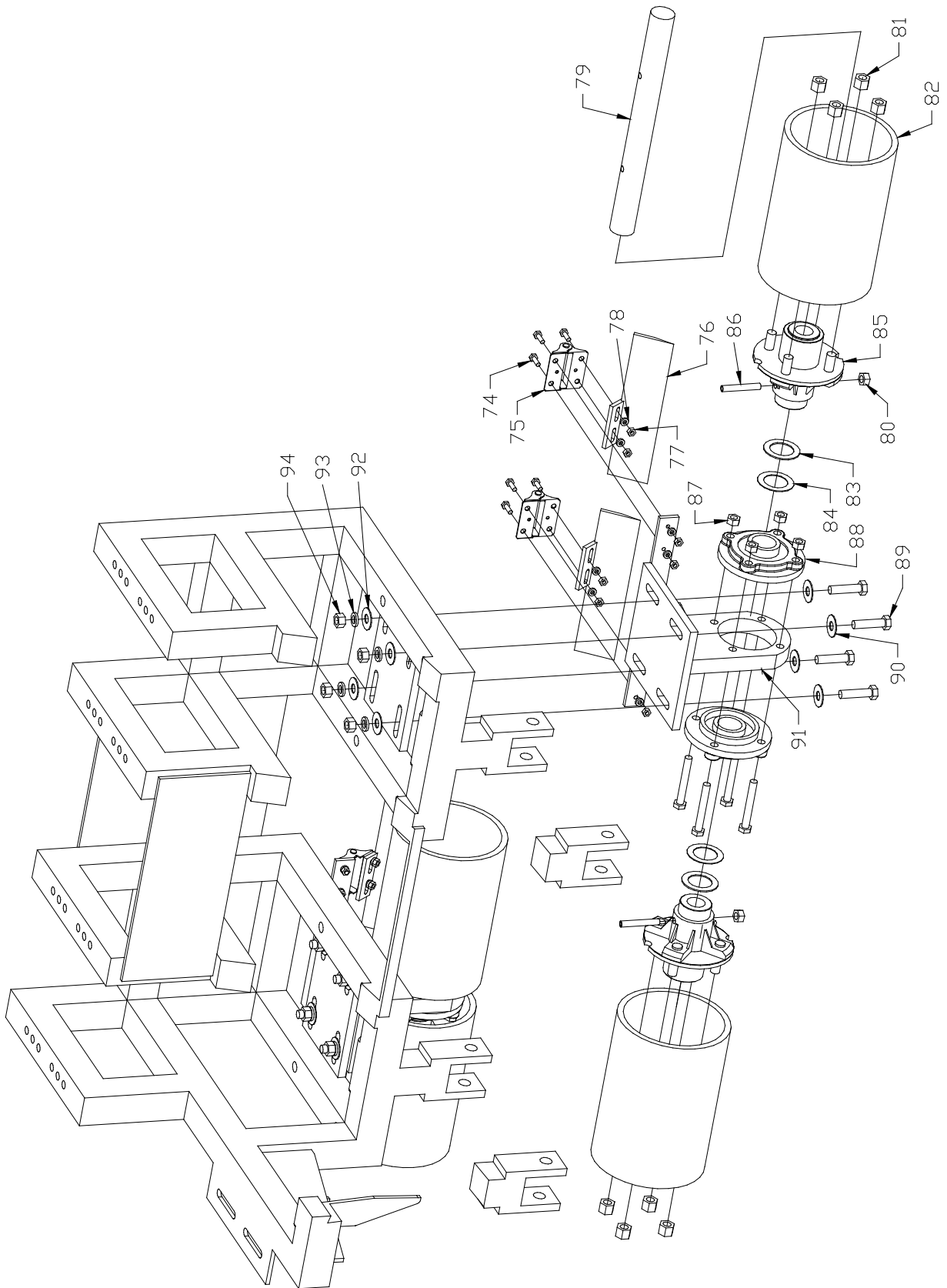








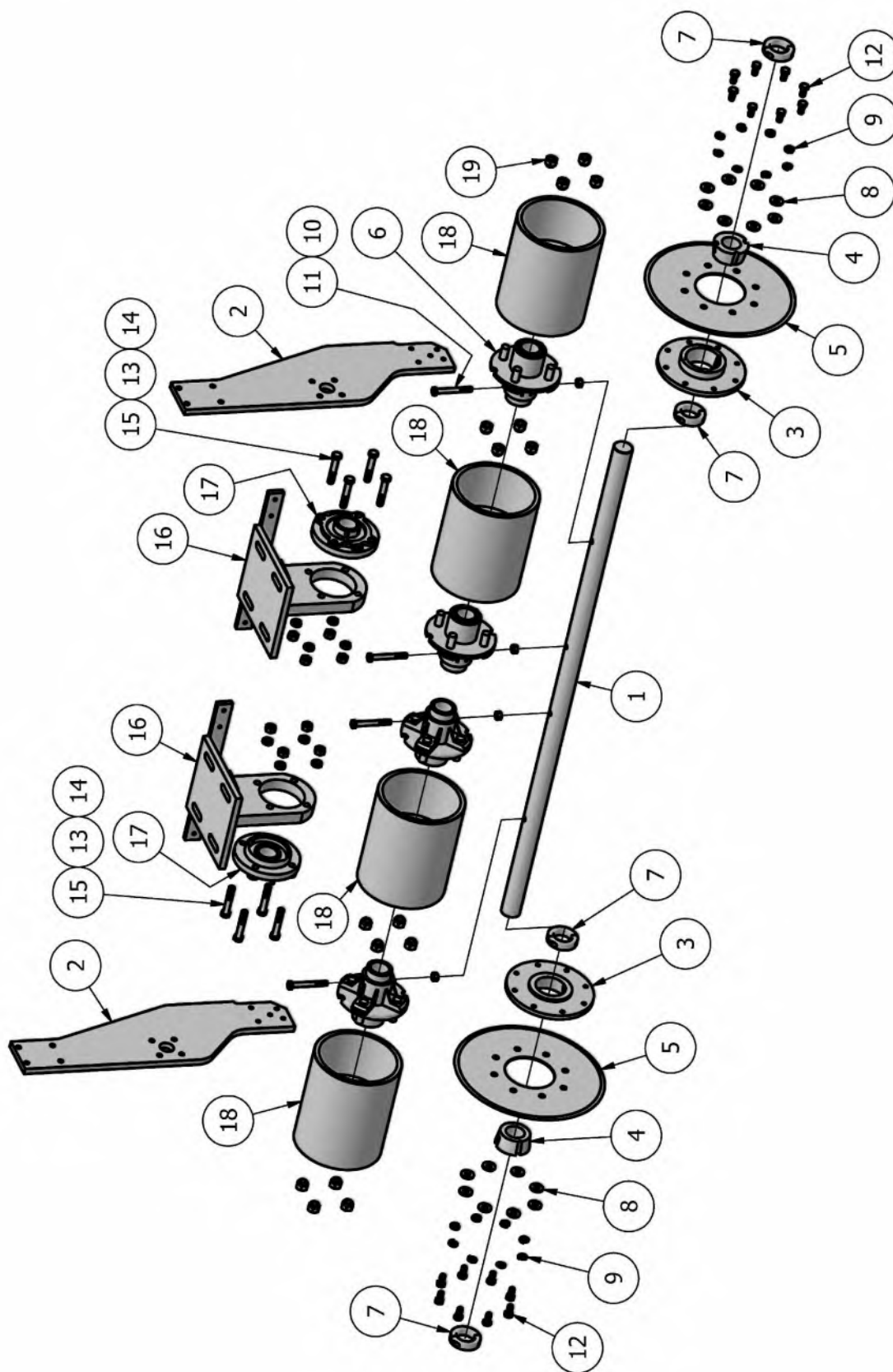




Coulters - Parts List

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-HARD FLAT WASHER
9	16	33893	3/8" YELLOW ZINC 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 GR 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" YELLOW ZINC 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

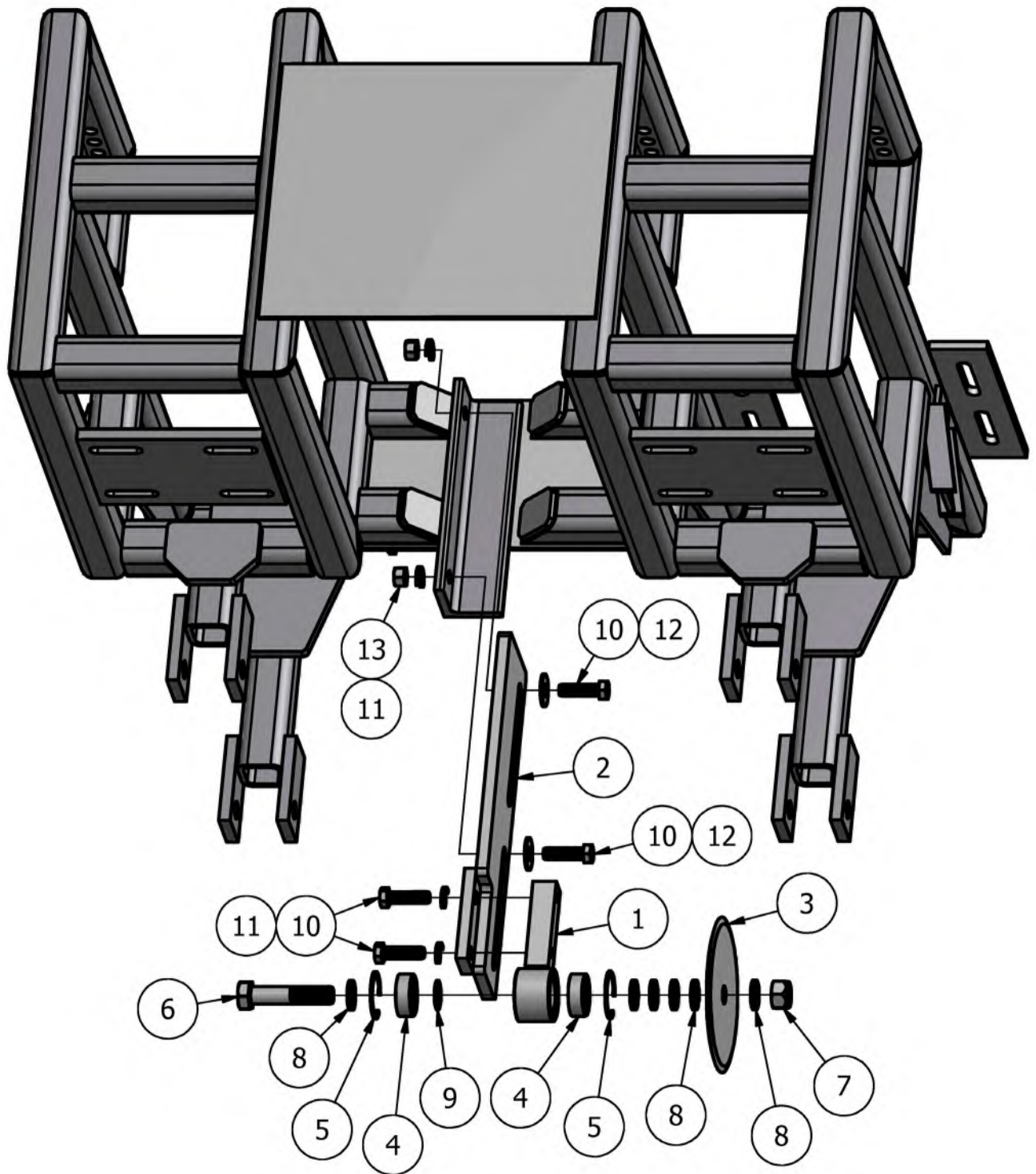




Center Coulter Option - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CCLTR101	CENTER COULTER BEARING MNT
2	1	CCLTR103	CENTER COULTER MOUNT
3	1	R002377	6 1/2" COULTER, 3/4" HOLE
4	2	204RR6 A4361 AG	3/4" ID BEARING
5	2	68064	1 13/16" INTERNAL SNAP RING
6	1	0115367	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" LOCK WASHER
12	2	33861	1/2" FLAT WASHER
13	2	36310	1/2"-13 HEX NUT





42" BLADE HOLDERS
BBH42TC



BBH42RS



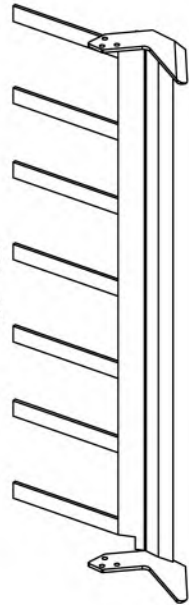
48" BLADE HOLDERS
BBH48TC



BBH48RS



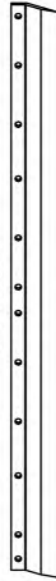
42" SOLID BLADE
SP42



42" BLADE HOLDER BLADE
BB42SC



48" BLADE HOLDER BLADE
BB48SC



SIDE CUTTER
BRACKET
R015183



SIDE CUTTERS
R260300-RC R260300-DC



REG. CUT



DEEP CUT

NOTES:

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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

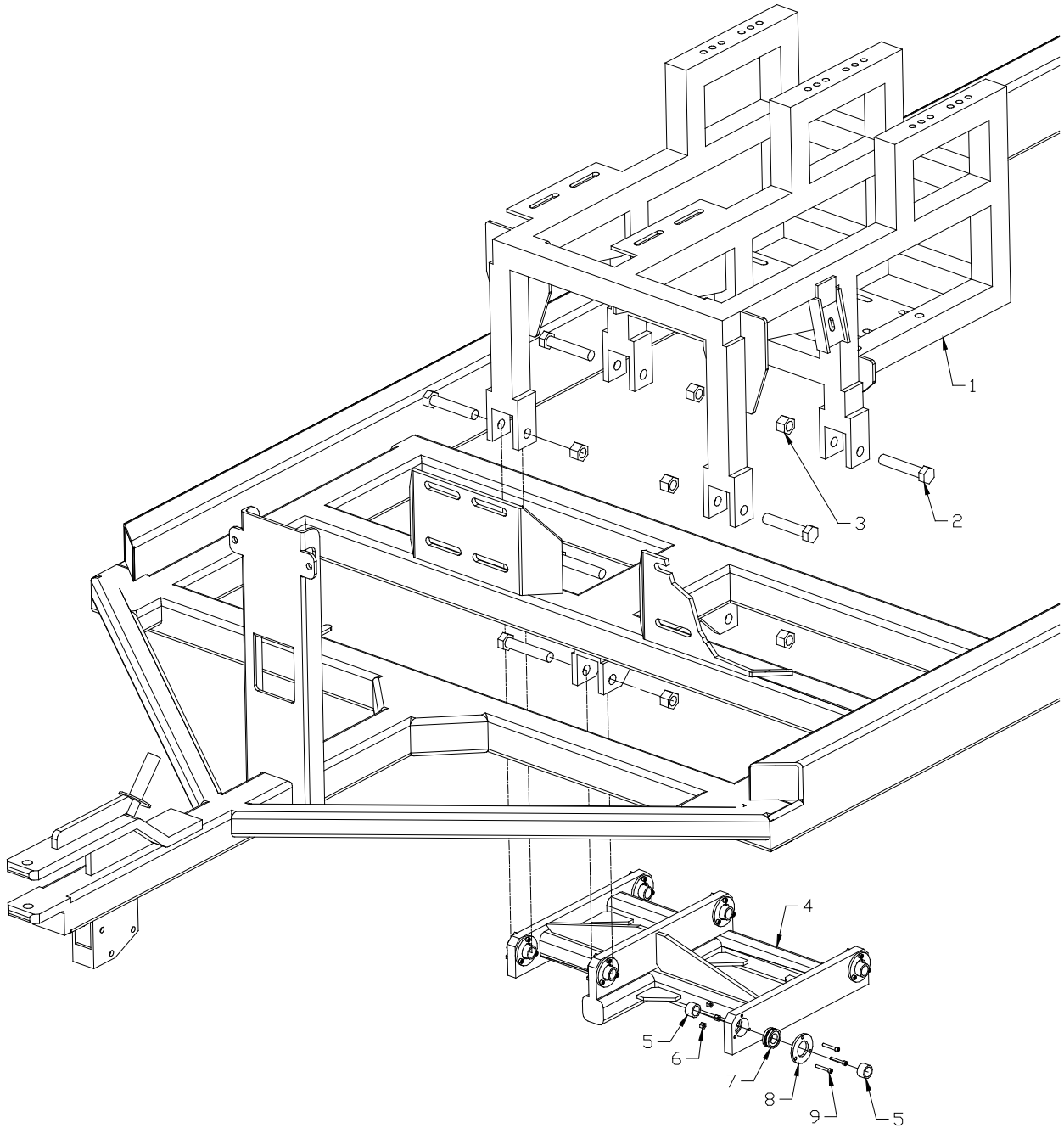
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
44	4	B6205	Bearing
45	2	1P003	Bearing block
46	4	TR244	Snap ring
47	4	B6305	Bearing
48	2	1P002-HD	Connecting rod
49	4	15113	3/8"-16x2-1/2" Gr 8 Yellow Zinc Finish Hex Cap Screw
50	2	1P002-BLK	Connecting rod cap
51	4	37264	3/8"-16 Zinc Finish Grade C Top 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

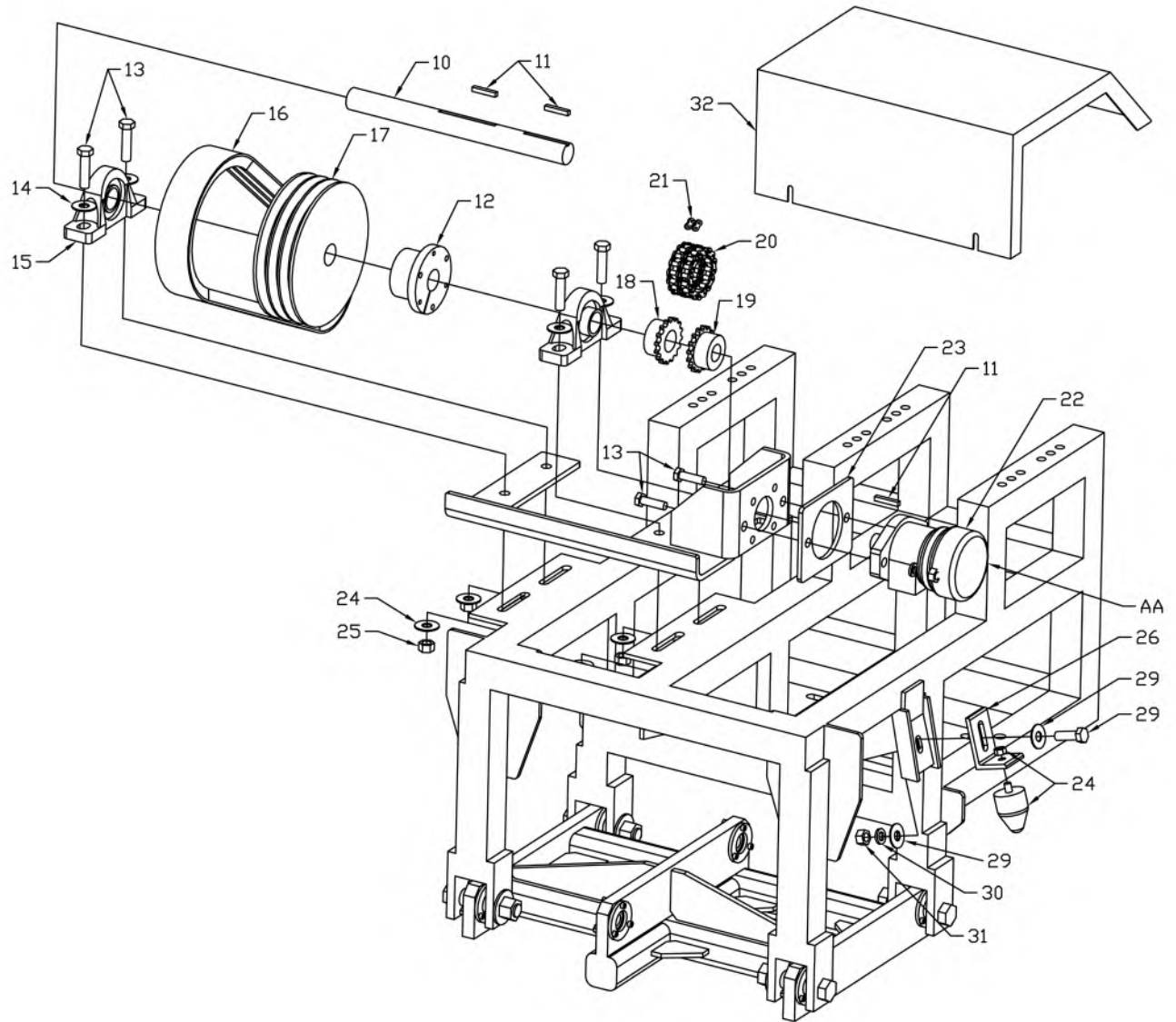


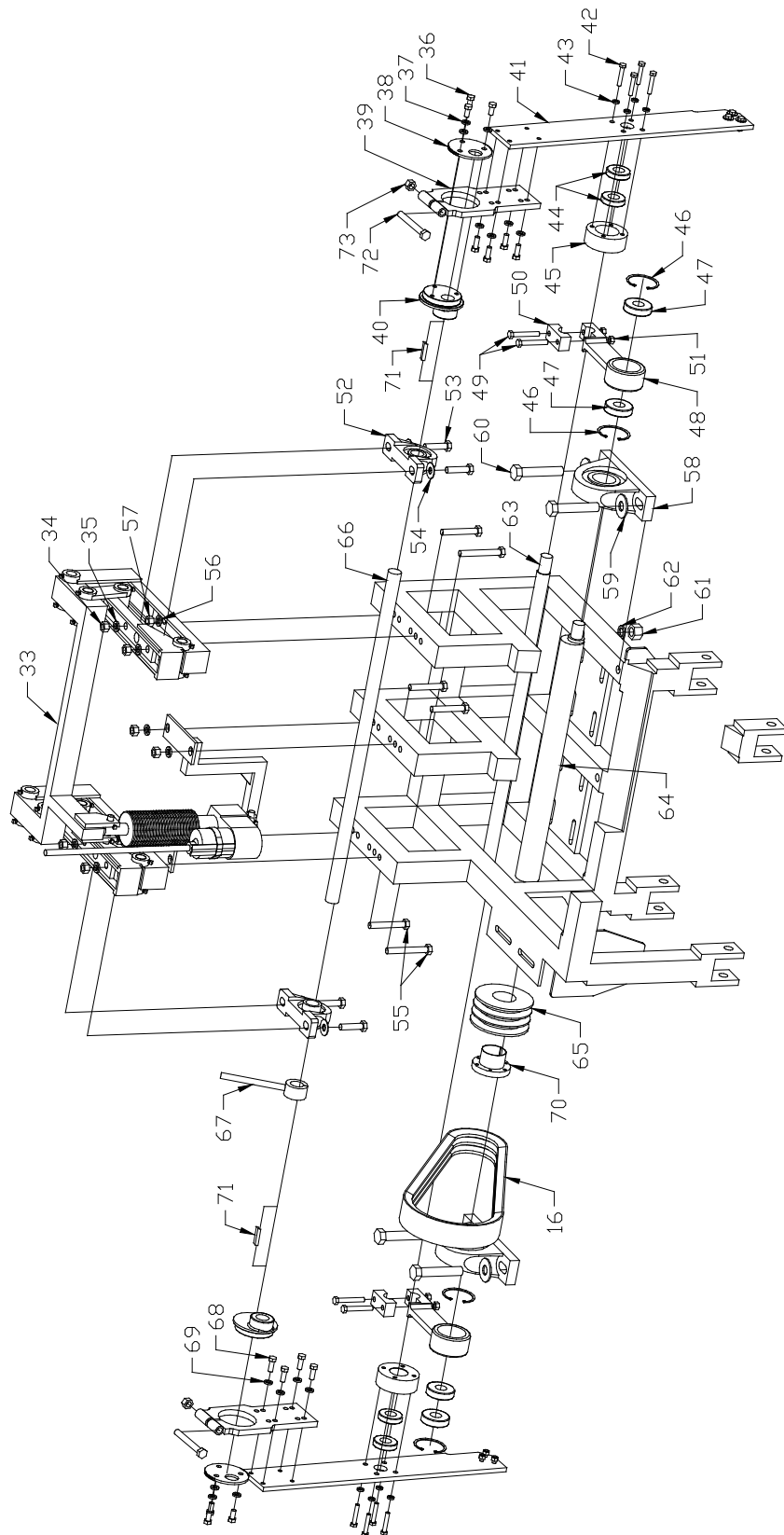
300 SOLID HEAD

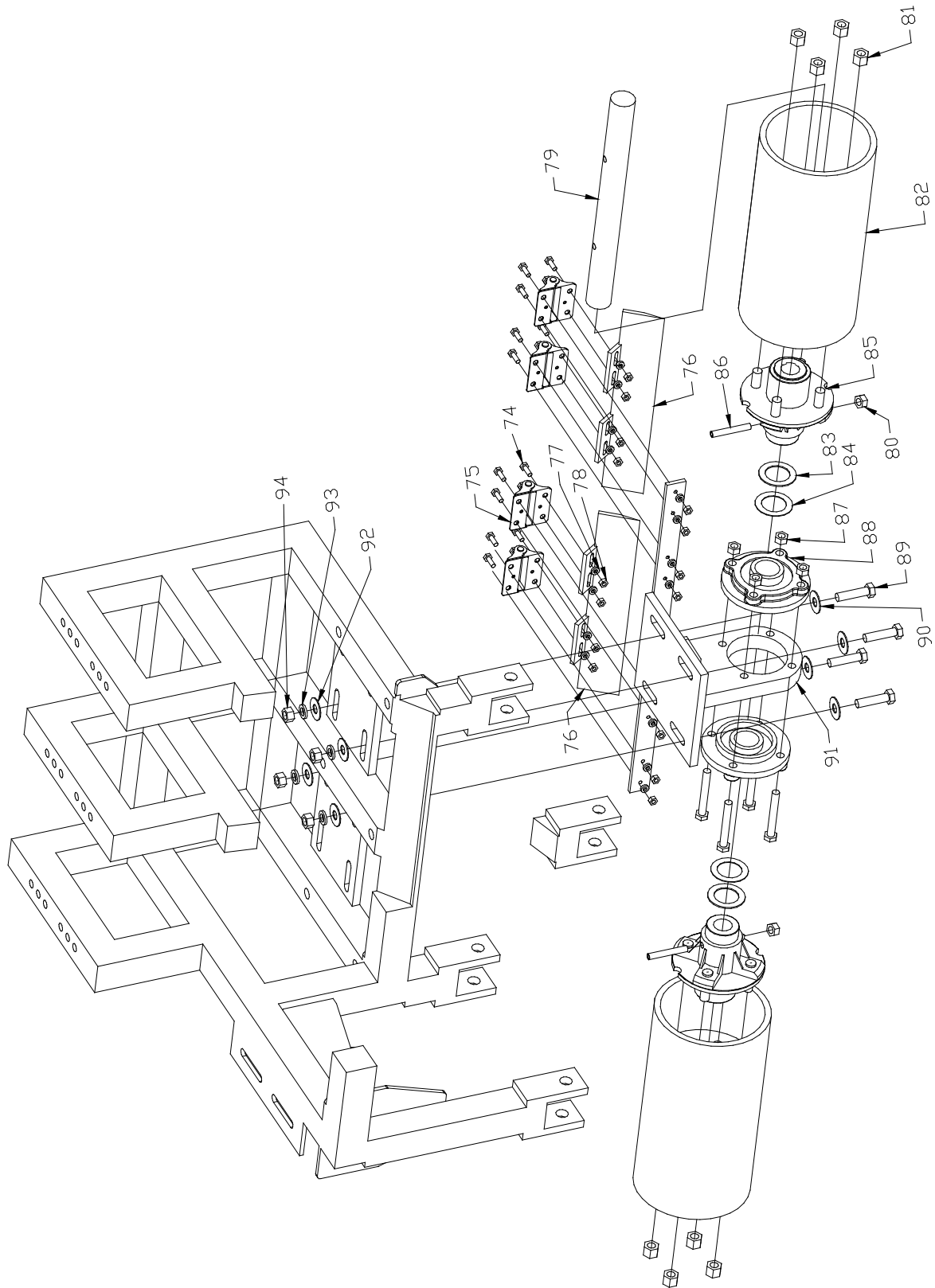
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
90	4	33012	1/2"x1.375" Low Carbon Zinc Fin Steel USS Flat Washer
91	1	3A7000N30S	Ground roller pedestal
92	4	33012	1/2" Low Carbon Zinc Fin Steel USS Flat Washer
93	4	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
94	4	36310	1/2"-13 Zinc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



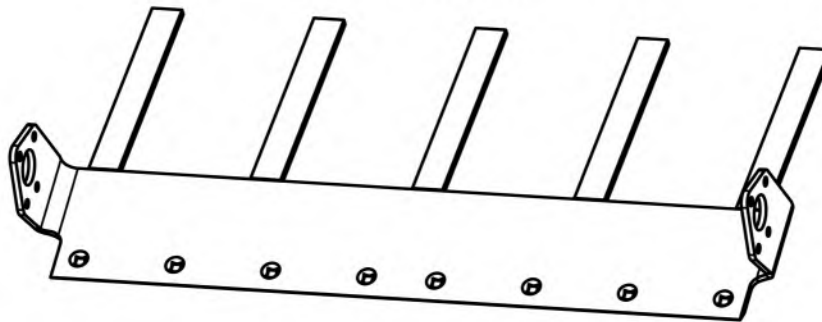








30" SOLID BLADE HOLDER
BBH30



30" SOLID BLADE
R290450



SIDE CUTTER
BRACKET
R015183

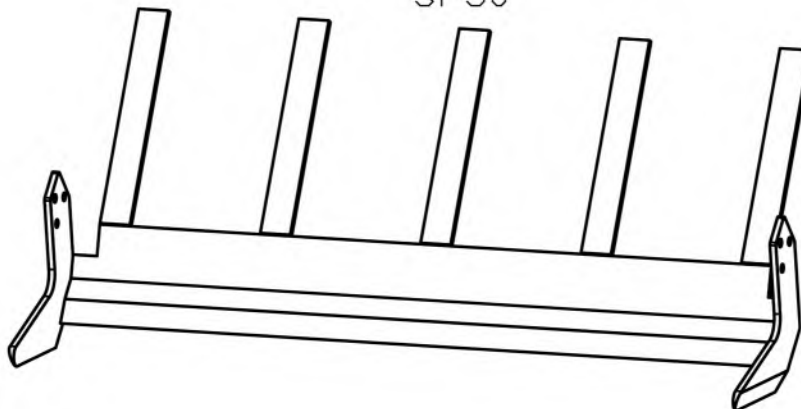


SIDE CUTTERS
R260300-RC



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,



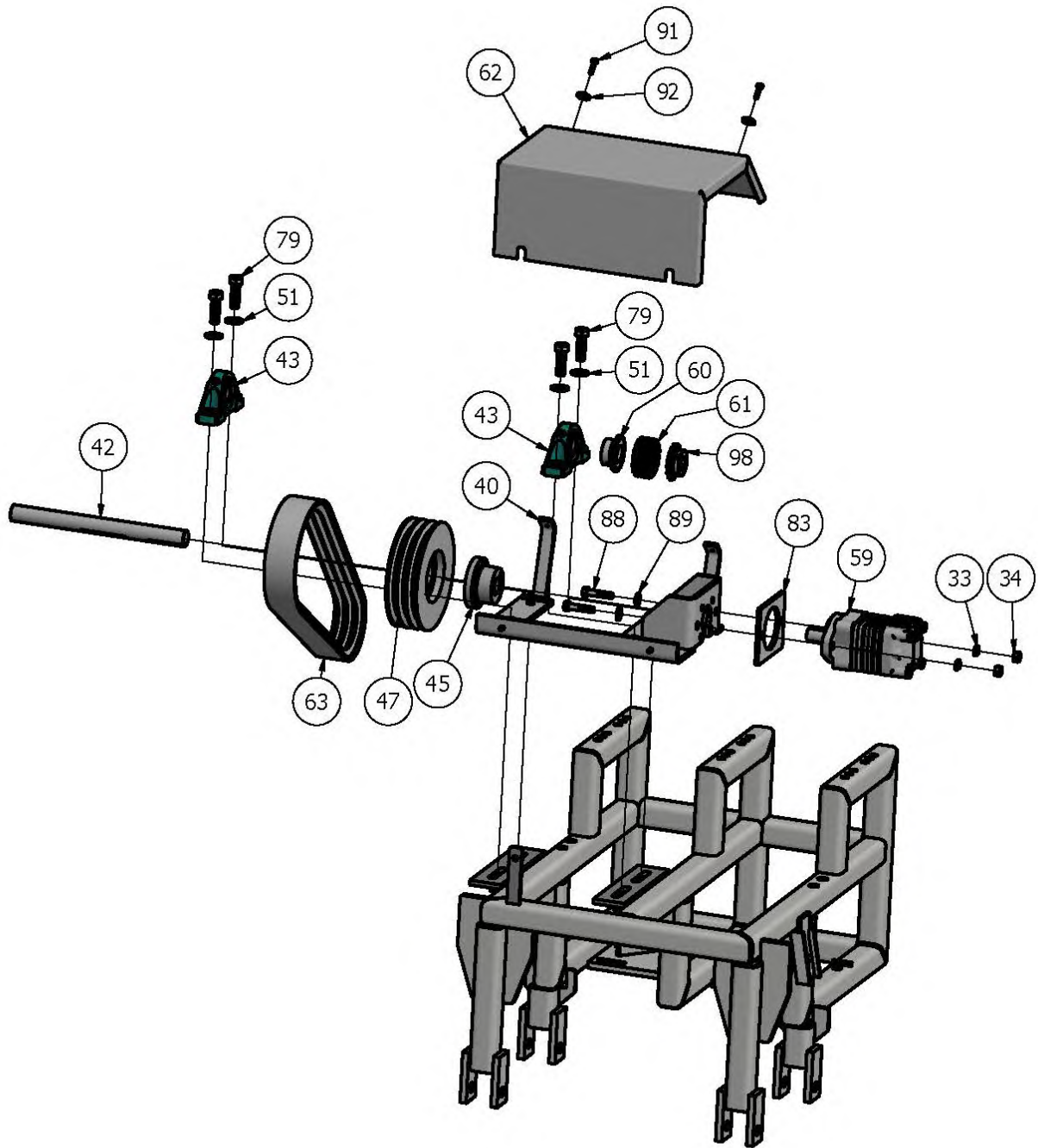
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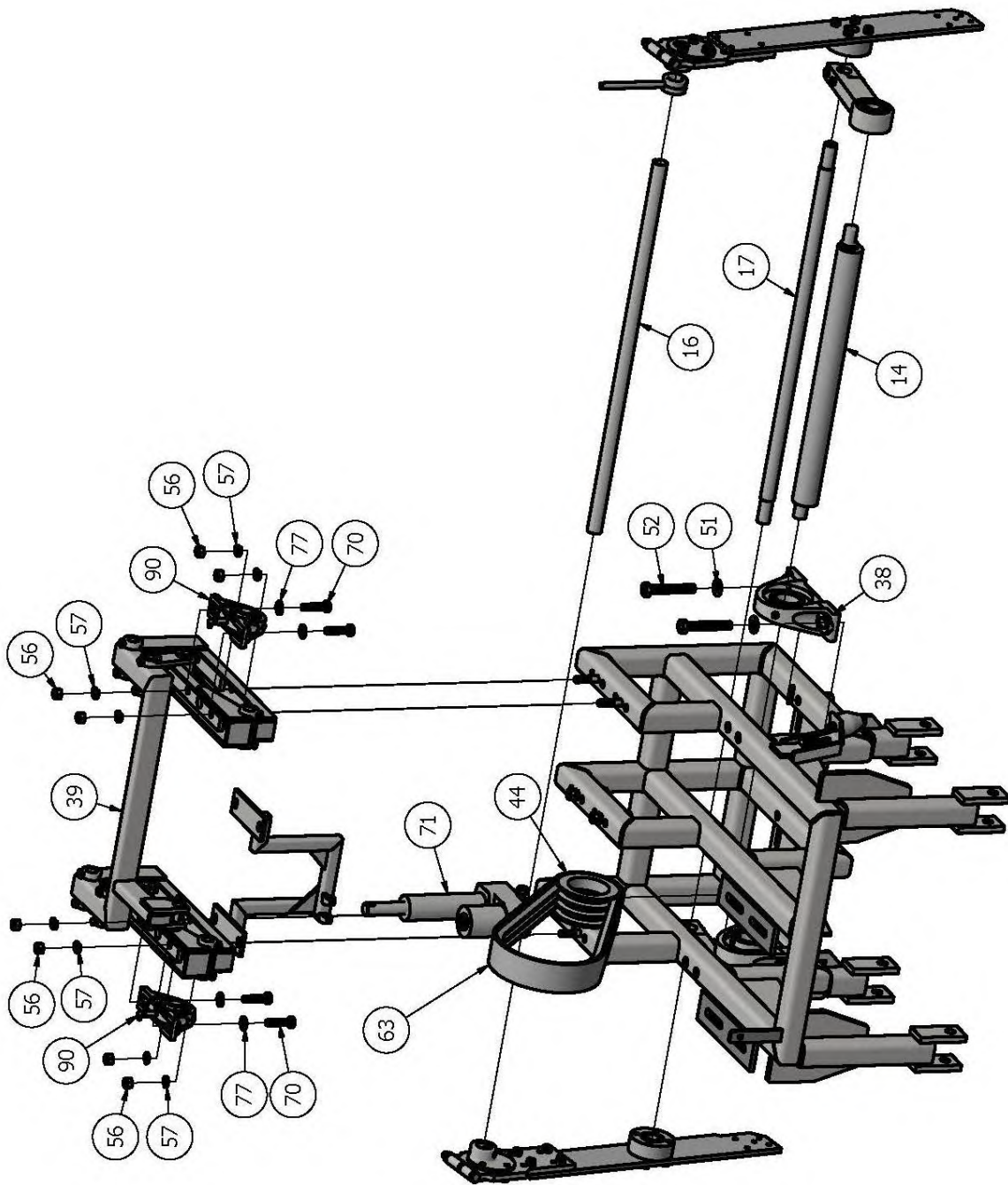
ITEM	QTY	PART NUMBER	DESCRIPTION
38	2	PB200	2" PILLOW BLOCK BEARING
39	1	STDA100-30S	DEPTH CONTROL 30" SOLID HEAD
40	1	LB003L	CUTTER HEAD MOTOR PLATE
41	4	B6305	BALL BEARING
42	1	S1414	1.250" SHAFT, 14" LG
43	2	PB114	1 1/4" PILLOW BLOCK BEARING
44	1	SH460	3 B 46 SD BUSHING
45	1	BU200	Bushing SD x 2 QD
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

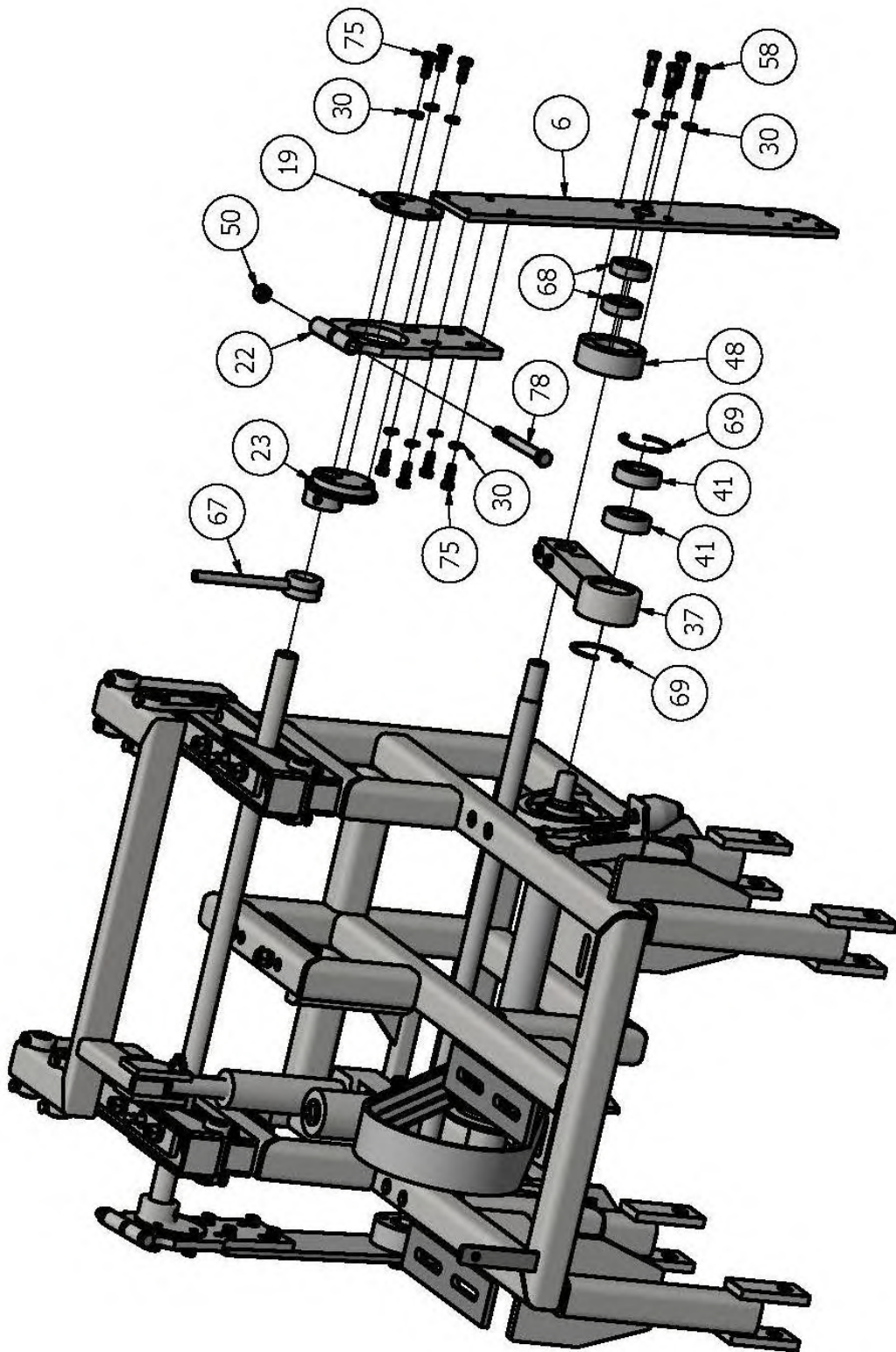


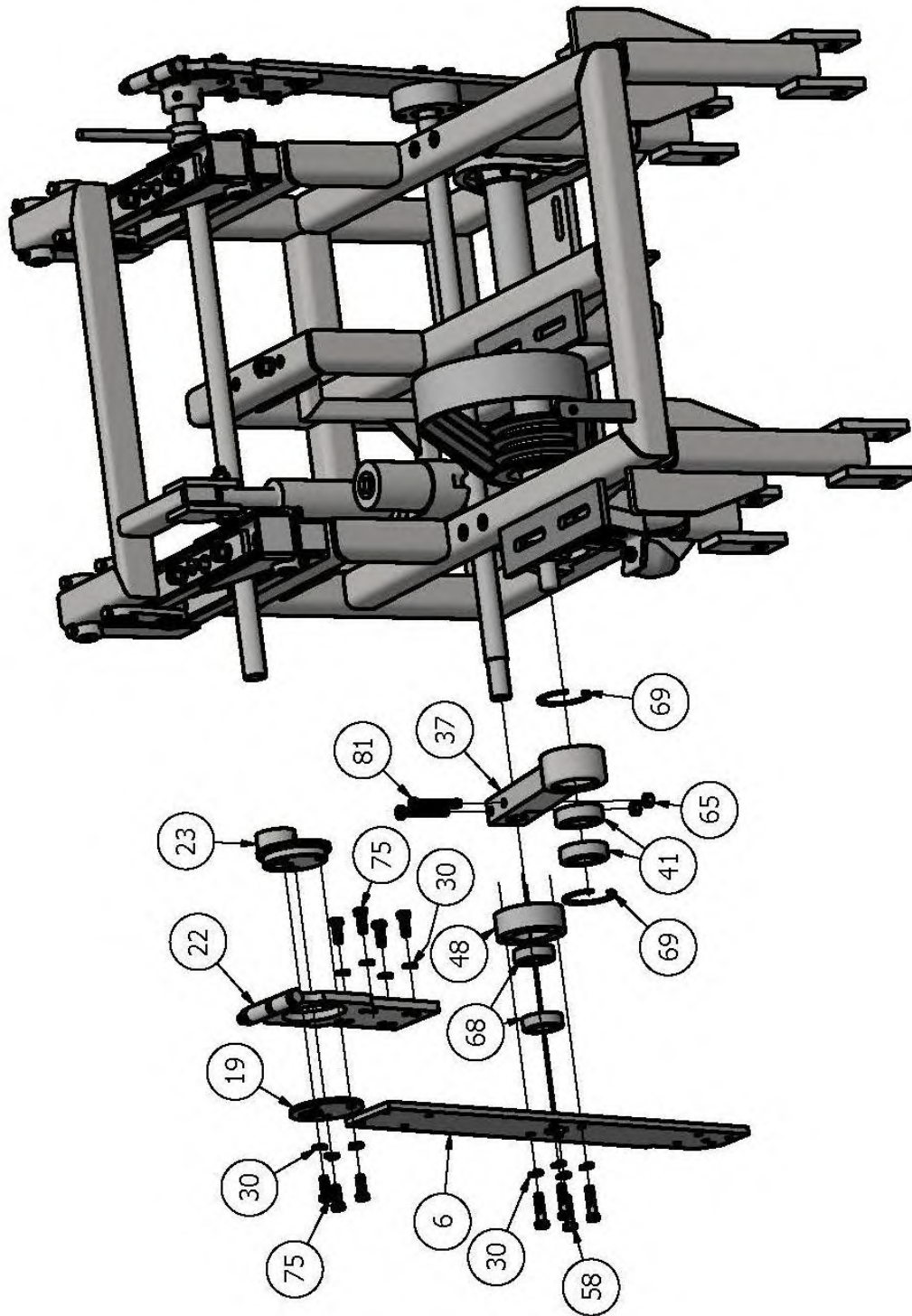
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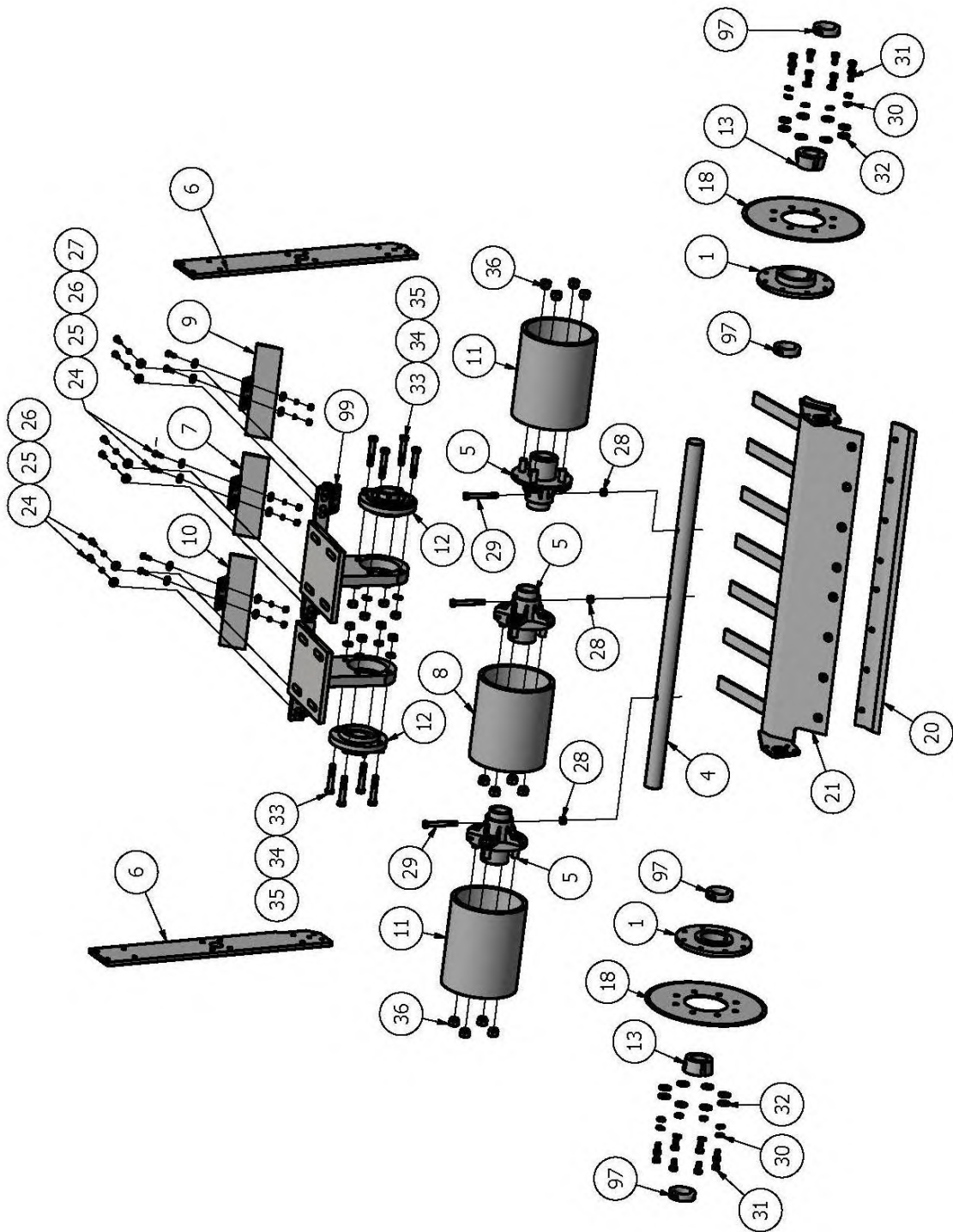
ITEM	QTY	PART NUMBER	DESCRIPTION
76	4	12219	1/2"-13 X 4" CAPSCREW PT
77	10	33817	1/2" SAE WASHER
78	2	13220	1/2"-13 X 4 1/4" CAPSCREW PT
79	4	13827	5/8"-11 X 2" CAPSCREW
80	4	33863	5/8 FLAT WASHER
81	4	13113	3/8"-16 X 2 1/2" CAPSCREW
82	2	13217	1/2"-13 X 3" CAPSCREW PT
83	1	SC110	DS MOTOR SPACER
84	8	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

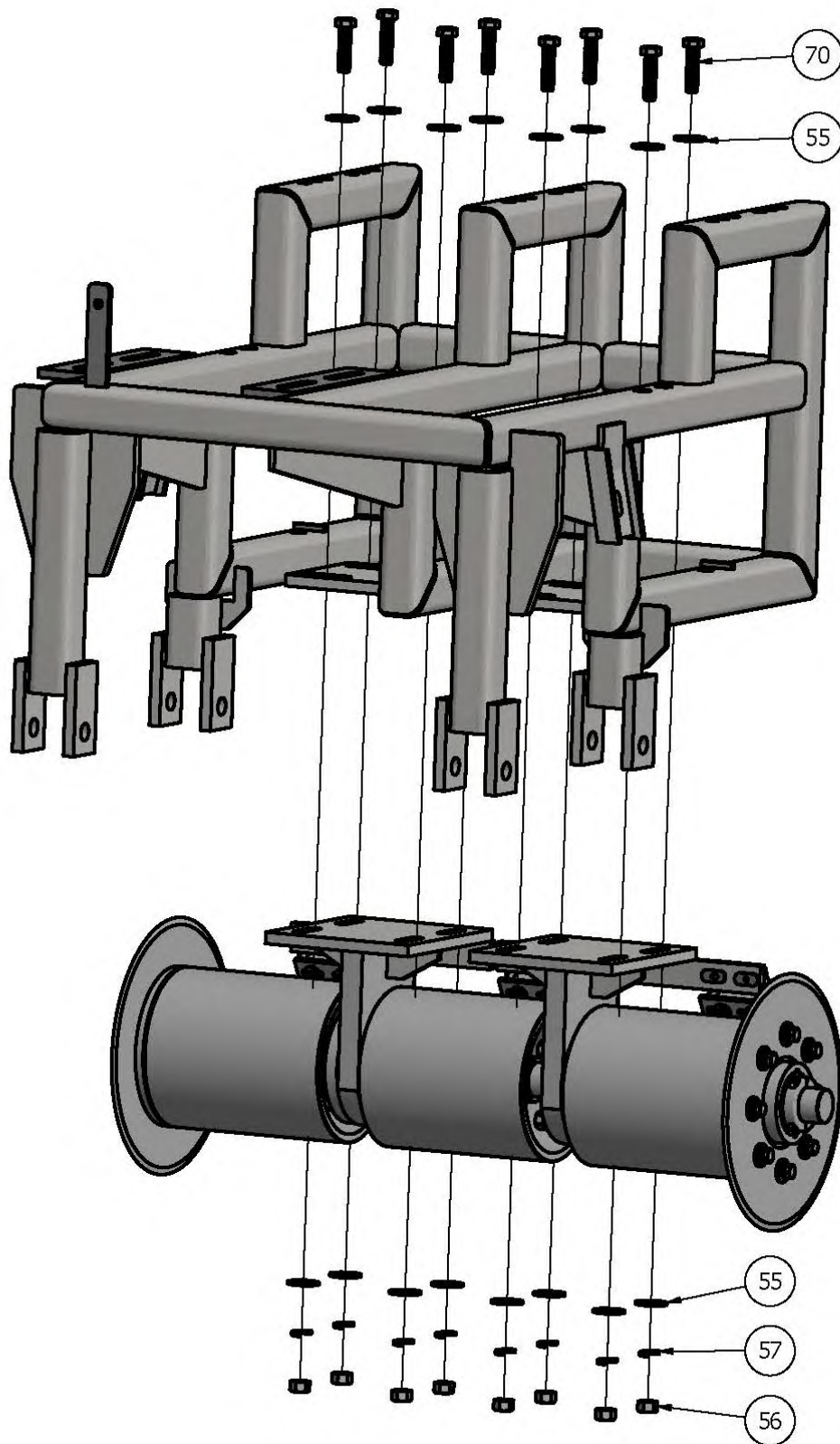










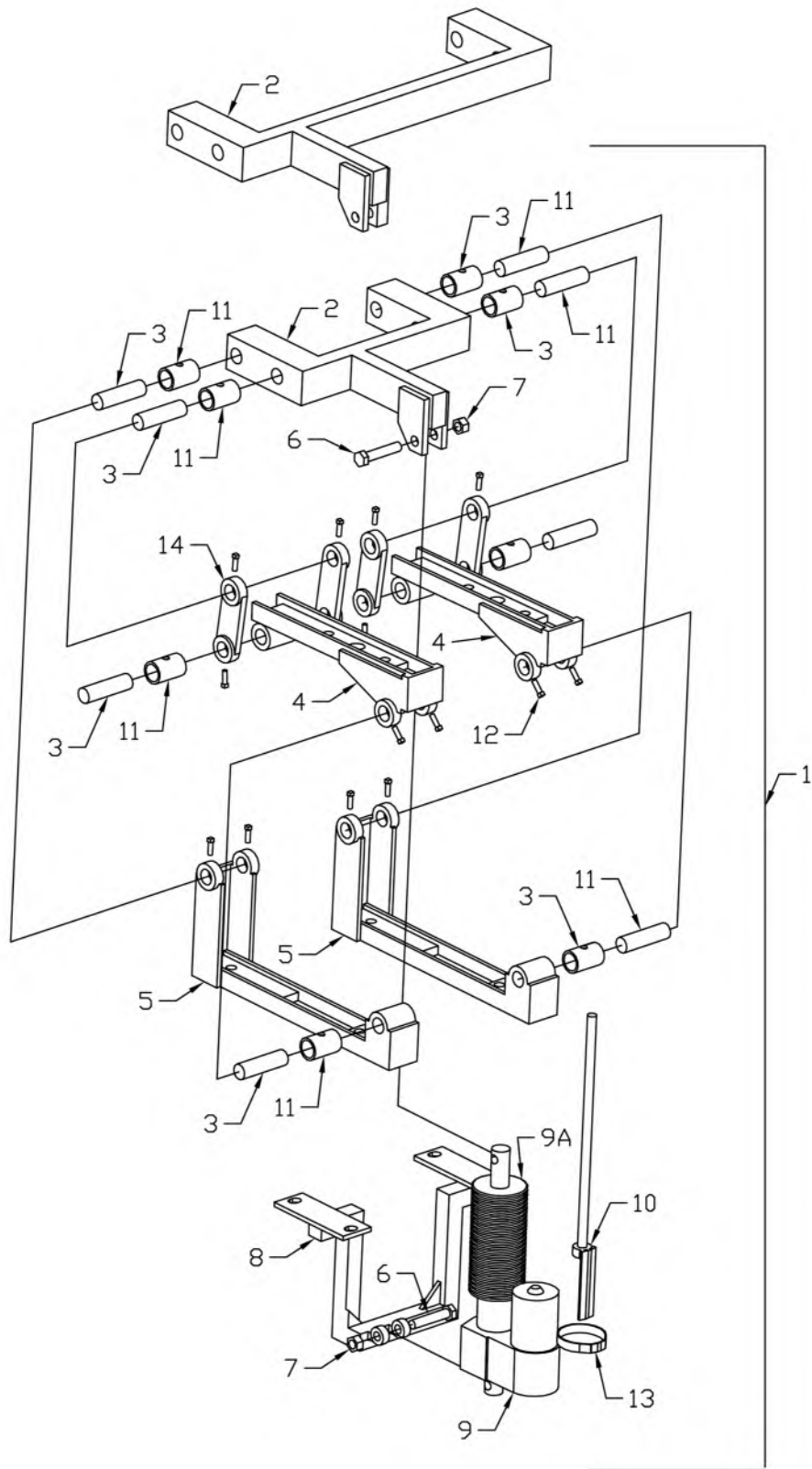


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DEPTH CONTROL

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	STDA100	Depth Control Assembly, 42"/48" Floating Heads Only
	1	STDA100-30S	Depth Control Assembly, 30" Solid Heads Only
	1	STDA100-42S	Depth Control Assembly, 42" Solid Heads Only
	1	SDTA100-48S	Depth Control Assembly, 48" Solid Heads Only
2	1	DC0013	Actuator Mounting Arm, 42"/48" Floating Heads Only
	1	DCO 013-30S	Actuator Mounting Arm, 30" Solid Heads Only
	1	DCO 013-42S	Actuator Mounting Arm, 42" Solid Heads Only
	1	DCO 013-48S	Actuator Mounting Arm, 48" Solid Heads Only
3	8	DC0003	Pivot Pin
4	2	DC0015	Bearing Mounting Arm
5	2	DC0016	Pivot Assembly Base
6	1	13213	1/2"-13 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
7	1	37268	1/2"-13 Zinc Finish Grade C Top Lock Nut
8	1	DC0014	Actuator Mounting Arm, Lower
9	1	DC0009	Actuator
9A	1	DCO-116	Actuator Boot
10	1	DC0010	Depth Gauge
11	8	DC0011	Replaceable Bushing
12	16	DC0112	5/16-18 Square Head Bolt, 1/2" long
13	1	DC0 113	Clamp
14	4	DC0001	Connecting Link

DEPTH CONTROL



DEPT. OF CONTROL

[illegible]

1ST CONVEYOR

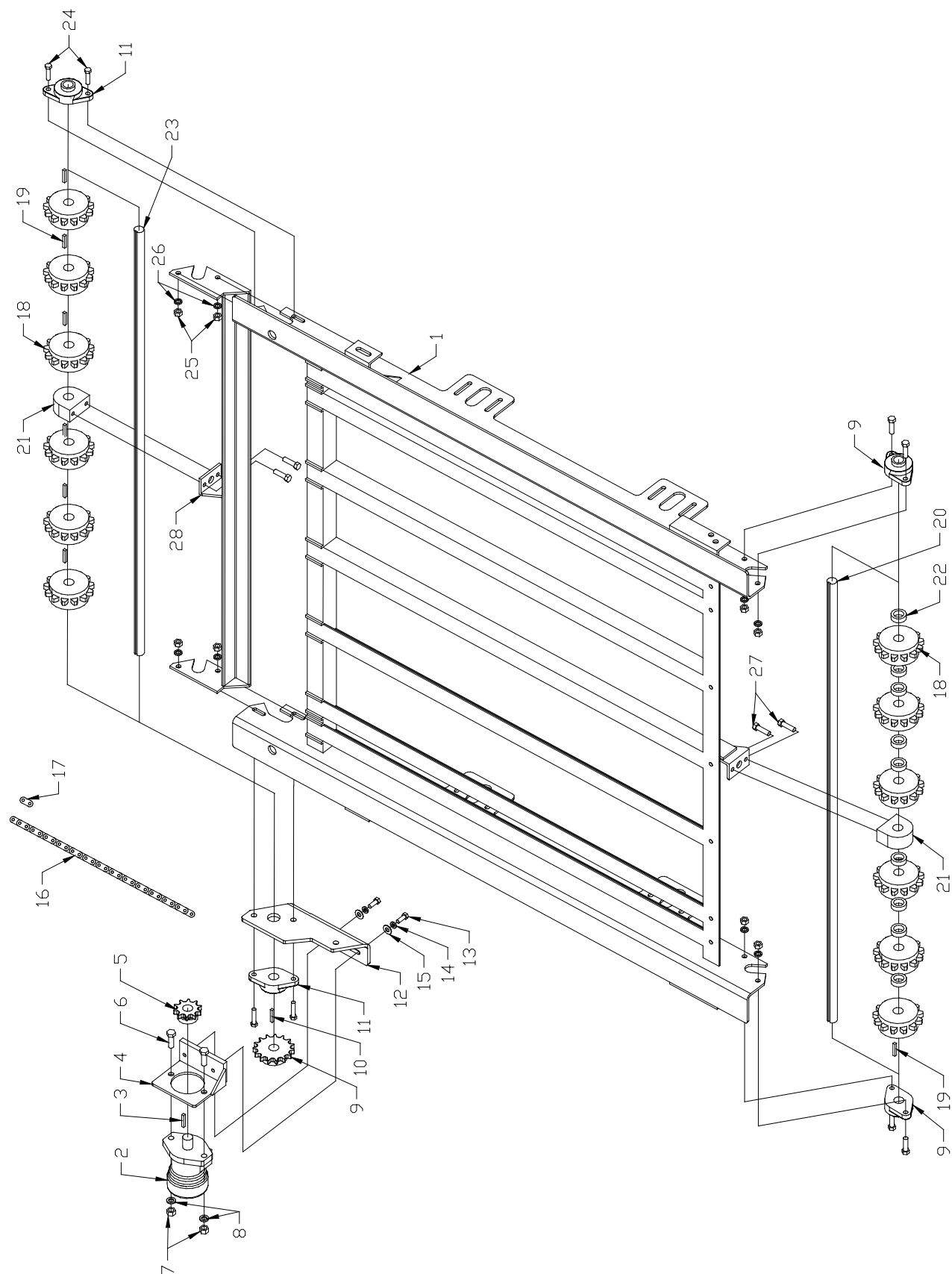
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	300FC100 (300) 480FC100 (420/480)	Main frame
2	1	11110513	Hydraulic motor
		11094003	Speed Sensor
3	1	WDRF1/4-5/16X1 1/4	Step Key
4	1	FC200	Motor mounting bracket
5	1	60BS11HT114	Drive sprocket
6	2	13209	1/2"-13x1-1/2" Zinc SAE J429 Gr 5 Hex Cap Screw
7	2	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
8	2	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
9	1	60BS15HT1	Driven sprocket
10	1	420B10038	Square key, 1 1/2" long
11	8	FL100	Flange bearing
12	1	1W002	Bracket
13	2	13157	7/16"-14 x 1-1/4" Grade 5 Zinc Finish Hex Cap Screw
14	2	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
15	2	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
16	1	480FC400	Roller chain
17	1	60HCONLINK	Master link
18	18	SP004	Mat Sprocket
19	7	480FC109	1/4" Square key
20	2	S1053	Driven shaft
21	2	TB100	Tapped pillow block bearing
22	10	33378	1in. Collar
23	1	S1049-48	Drive shaft
24	8	13160	7/16"-14 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
25	8	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
26	8	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
27	4	13103	3/8"-16 x 3/4" Grade 5 Zinc Finish Hex Cap Screw
28	1	5F1400-48	Conveyor angle
29	5-300/420 7-480	480FC120	Wear strip
30	5-300/420 7-480	21255	5/16"-18 x 1" Zinc Finish ASTM A307 Grade A Round Head Carriage Bolt
31	5-300/420 7-480	33892	5/16" Yellow Zinc Finish High Alloy Medium Split Lock Washer
32	5-300/420 7-480	36304	5/16"-18 Zinc Finish Grade 5 Finished Hex Nut
33	1	KW420B-300 (300) KW420B-420 (420) KW420B-480 (480)	Conveyor mat
34	1	300FC115R (300) 420FC115R (420) 480FC115R (480)	Sod guide, Right

1ST CONVEYOR

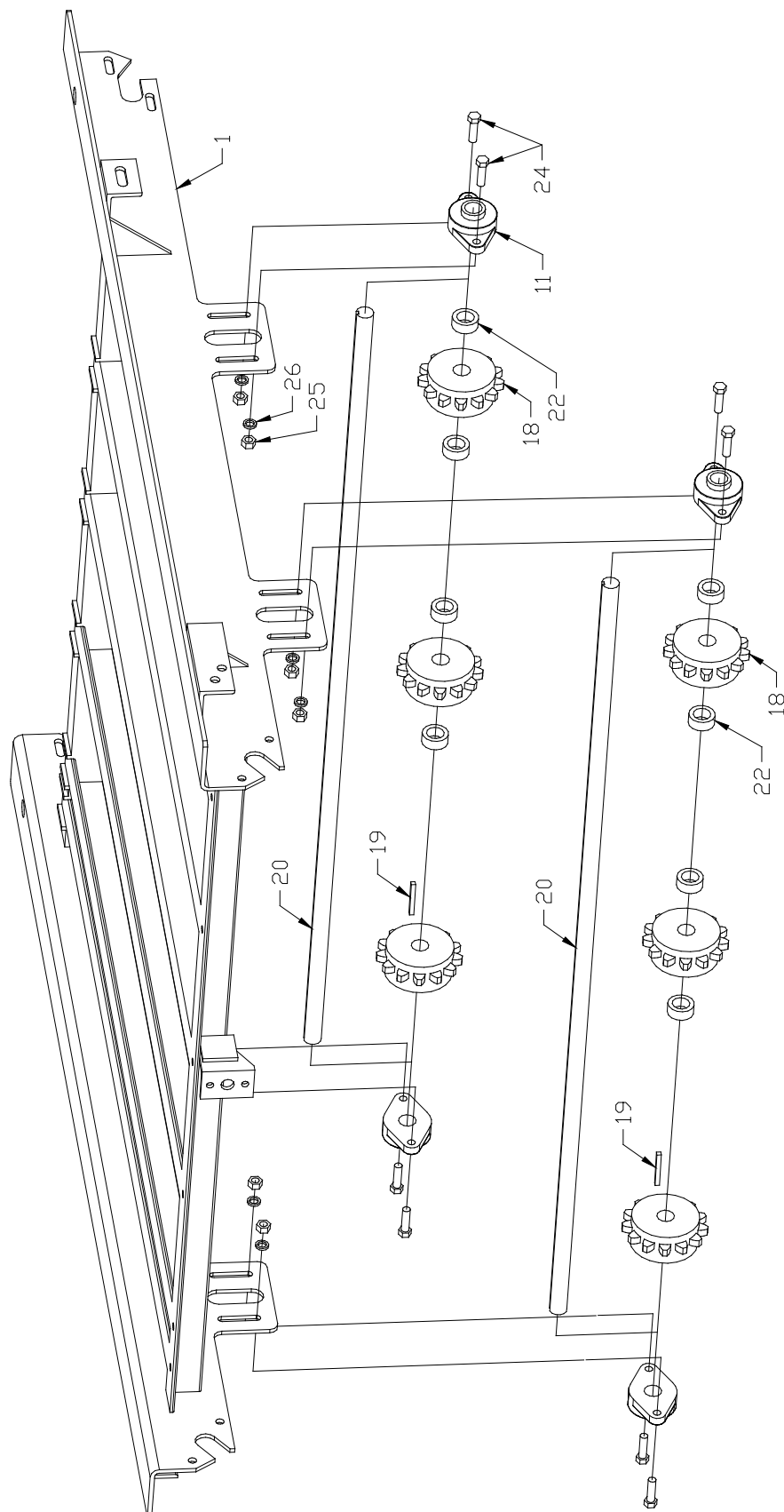
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
35	1	300FC115L (300) 420FC115L (420) 480FC115L (480)	Sod guide, Left
36	1	MR420-30 (300) MR420 (420) MR420-48 (480)	Conveyor mat connecting rod
37	1	37015	#10-32 Zinc Finish NM Grade 2 Nylon Insert Lock Nut
38	8	13157	7/16"-14 x 1-1/4" Grade 5 Zinc Finish Hex Cap Screw
39	16	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
40	8	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
41	8	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
Repair Kits			
	1	151F0111	SEAL KIT FOR 11110513



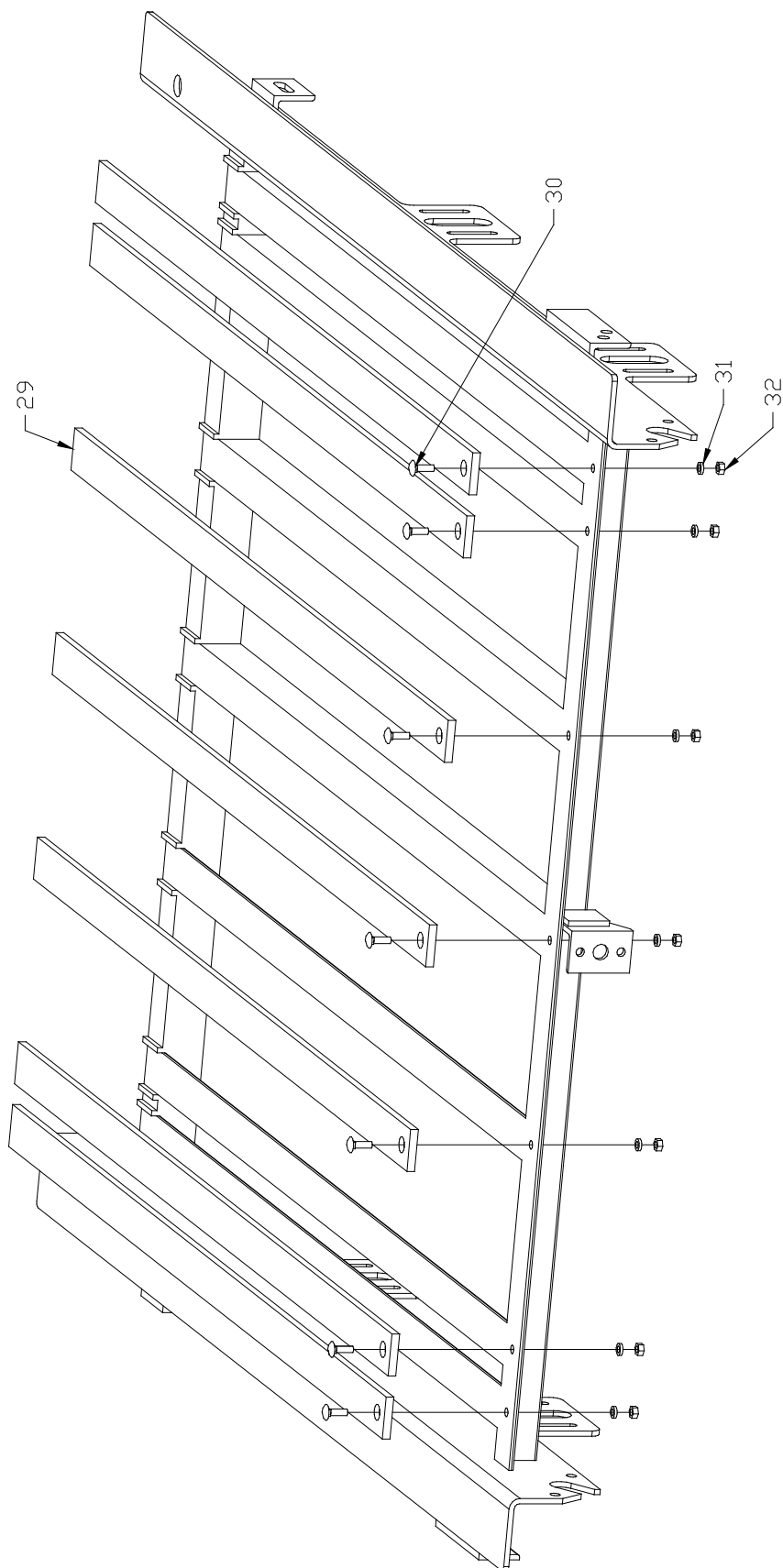
1ST CONVEYOR



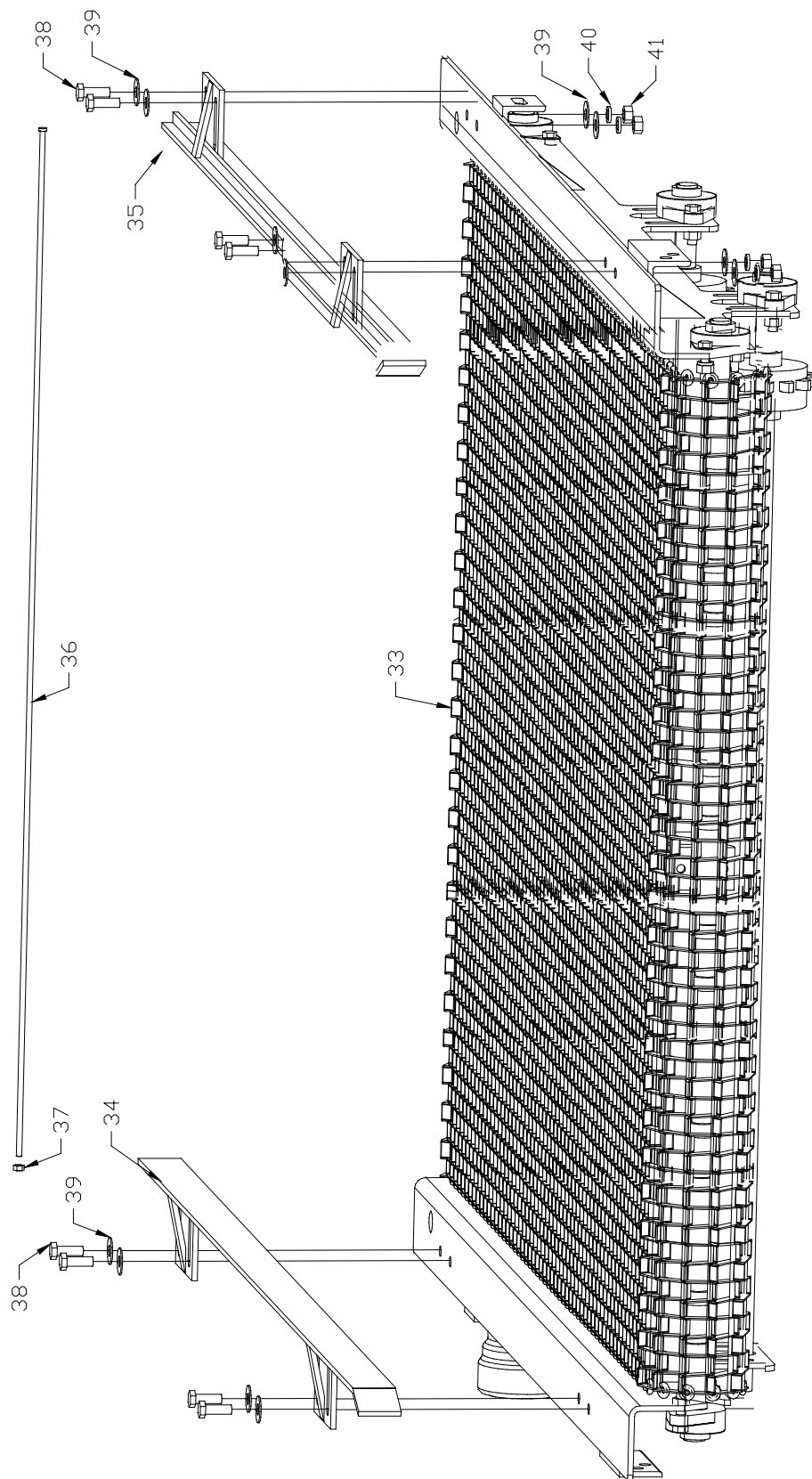
1ST CONVEYOR



1ST CONVEYOR



1ST CONVEYOR



1ST CONVEYOR

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1ST CONVEYOR RUBBER BELT

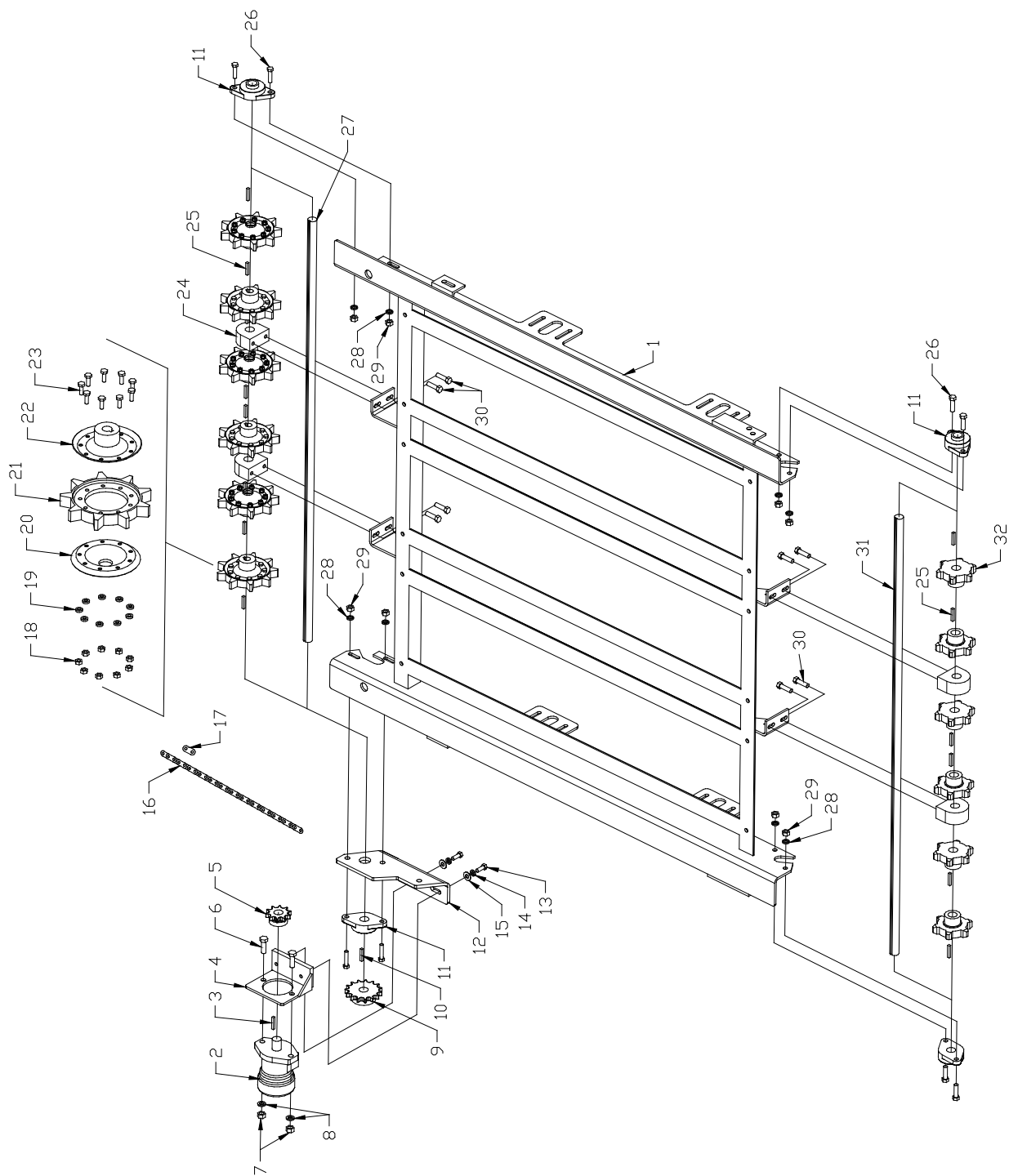
1 st Conveyor Rubber Mat - Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	480FC000 (420/480)	Main frame
2	1	11110513	Hydraulic motor
		11094003	Speed Sensor
3	1	WDRF1/4X1	Woodruff key
4	1	FC200	Motor mounting bracket
5	1	60BS10HT1	Drive sprocket
6	2	13209	1/2"-13x1-1/2" Zinc Finish SAE J429 Gr 5 Cap Screw
7	2	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
8	2	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
9	1	60BS15HT1	Driven sprocket
10	1	1 1/2inKEYSTOCK	1/4" Key stock, 1 1/2" Long
11	6	FL100	Flange bearing
12	1	1W002	Bracket
13	2	13157	7/16"-14 x 1-1/4" Grade 5 Zinc Finish Hex Cap Screw
14	2	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
15	2	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
16	1	480FC400	Roller chain
17	1	60HCONLINK	Master link
18	54	36302	1/4"-20 Zinc Finish Grade 5 Finished Hex Nut
19	54	33891	1/4" Zinc Finish High Alloy Split Lock Washer
20	6	SC128	Flange
21	6	04-102	Plastic Sprocket
22	6	SC127	Sprocket Hub
23	9	13003	1/4"-20 x 3/4" Grade 5 Zinc Finish Hex Cap Screw
24	4	TB100-BECI	Tapped pillow block bearing
25	12	480FC109	1/4" KEYSTOCK
26	12	13160	7/16"-14 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
27	1	S1049-48	Drive Shaft
28	12	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
29	12	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
30	4	13103	3/8"-16 x 3/4" Grade 5 Zinc Finish Hex Cap Screw
31	1	S1053	Idler Shaft
32	6	SP300	Plastic Idler Sprocket
33	1	480FC003	Roller
34	6	480FC004	Wear Strip
35	6	0124739	Wear Strip Fastener (part of bolt kit SC300)
36	6	37262	Nut (part of bolt kit SC300)
37	6	21255	Wear Strip Fastener (part of bolt kit SC300)
38	6	33892	Lock washer (part of bolt kit SC300)
39	6	36304	Nut (part of bolt kit SC300)
40	1	420FC115R (420)	Sod Guide, Right
		480FC115R (480)	
41	1	420FC115L (420)	Sod Guide, Left
		480FC115L (480)	
42	4	480FC007	Sod Guide Spacer Block
43	8	13157	7/16"-14 x 1-1/4" Grade 5 Zinc Finish Hex Cap Screw

1ST CONVEYOR RUBBER BELT

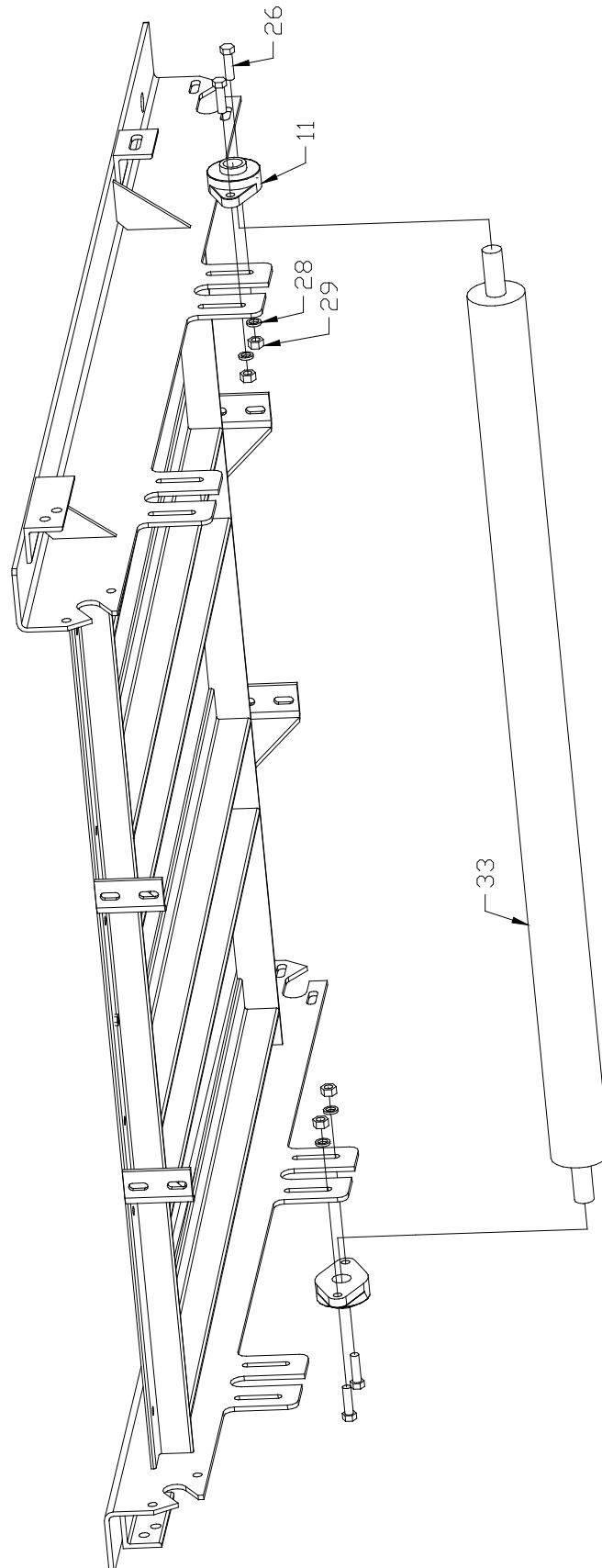
1 st Conveyor Rubber Mat - Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
44	8	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
45	8	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
46	8	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
47	3	480FC006	Rubber Belting
48	9	140CH	1/2 Lace Plate w/ Bolt, Plat, and Nut
49	9	140C	Lace Pale w/ Bolt, Plate, and Nut
Repair Kits			
	1	151F0111	SEAL KIT FOR 11110513



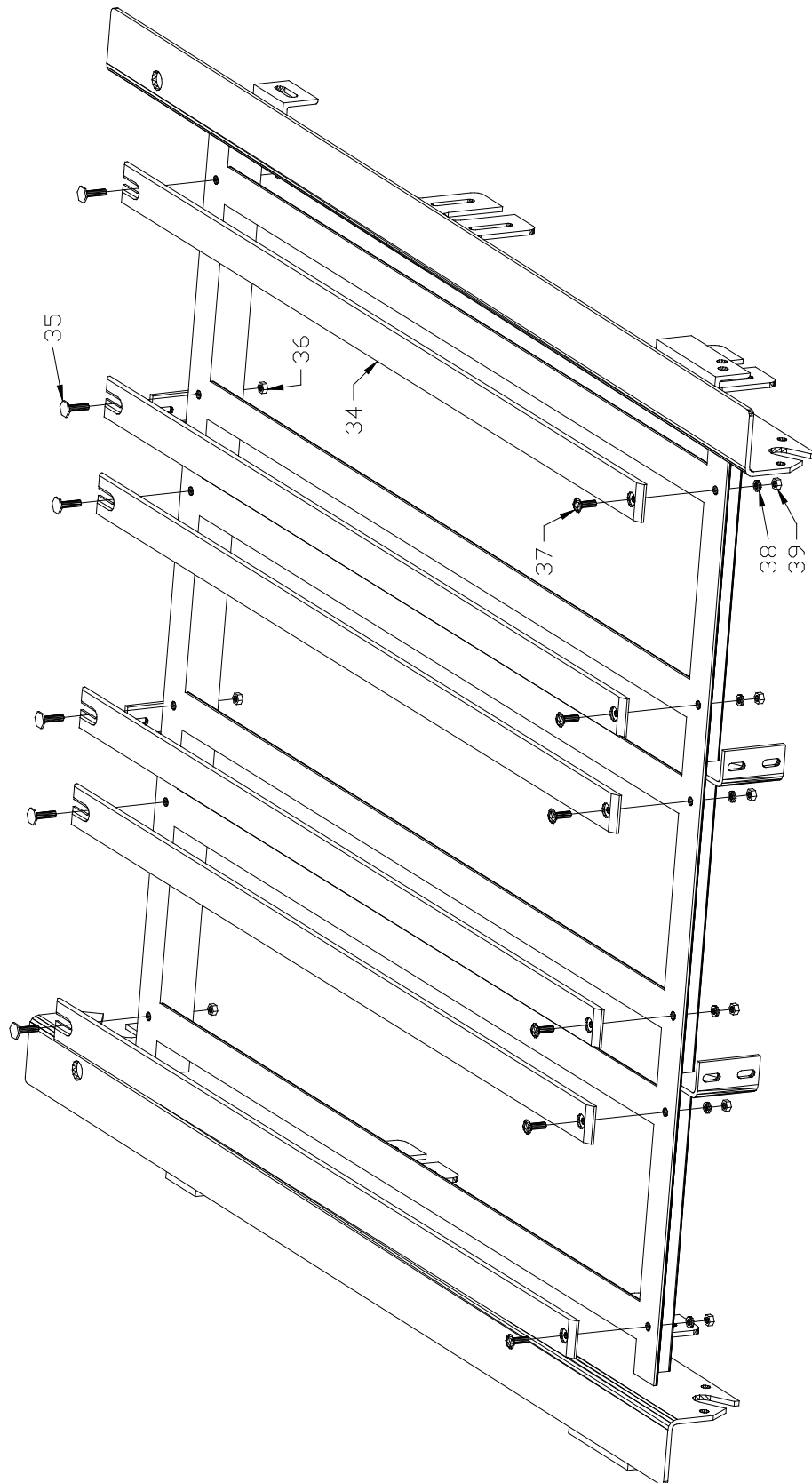
1ST CONVEYOR RUBBER BELT



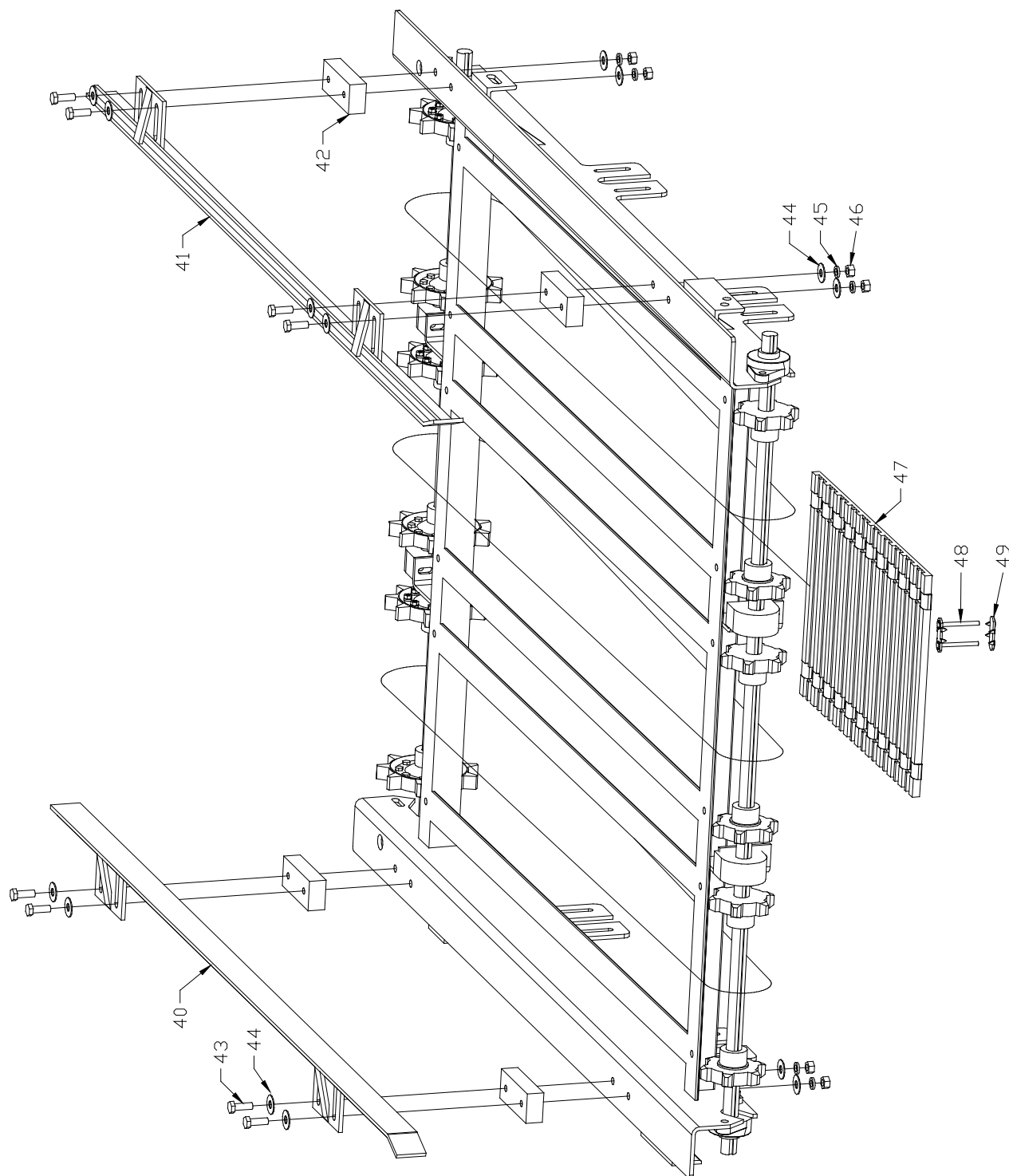
1ST CONVEYOR RUBBER BELT



1ST CONVEYOR RUBBER BELT



1ST CONVEYOR RUBBER BELT



———— 1ST CONVEYOR RUBBER BELT ————

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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



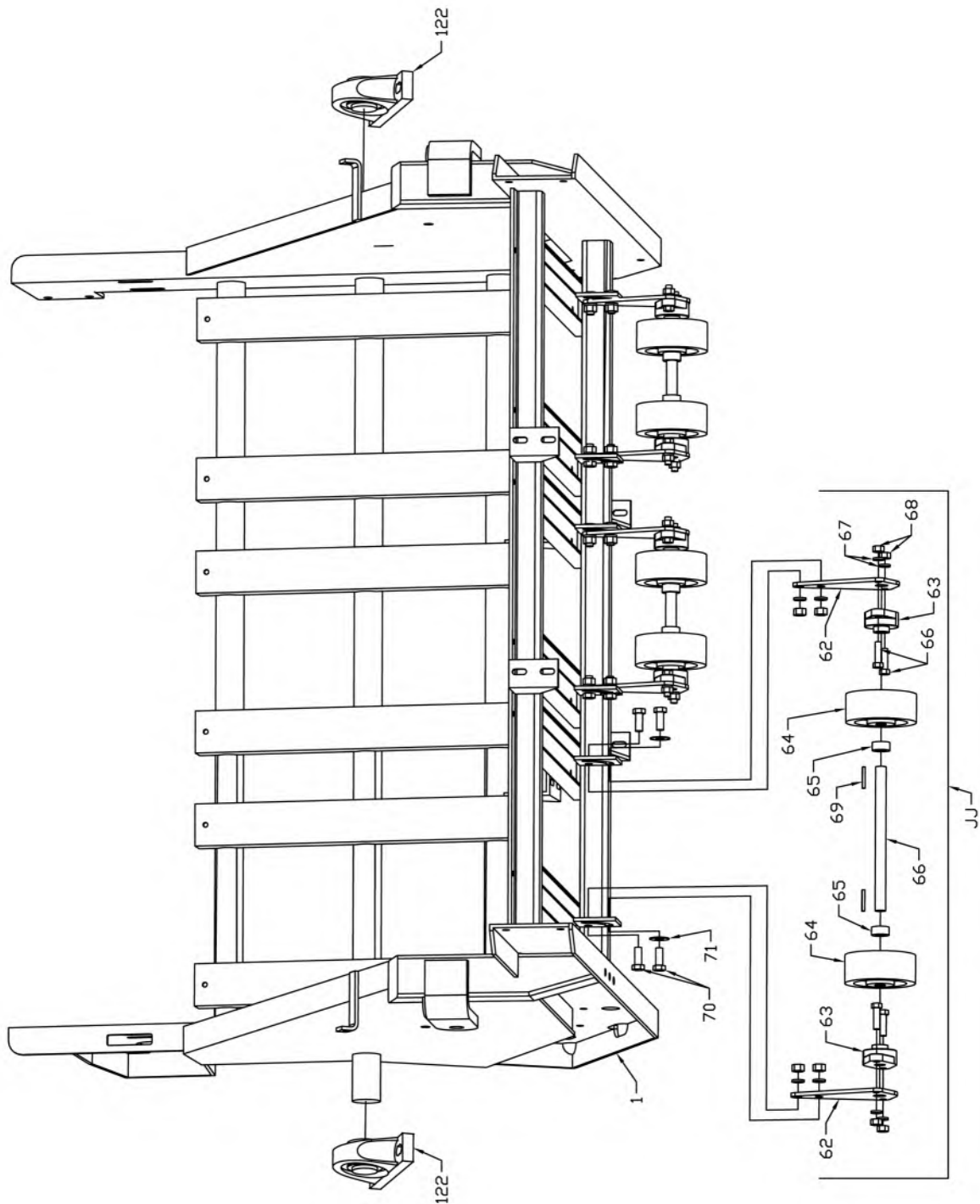
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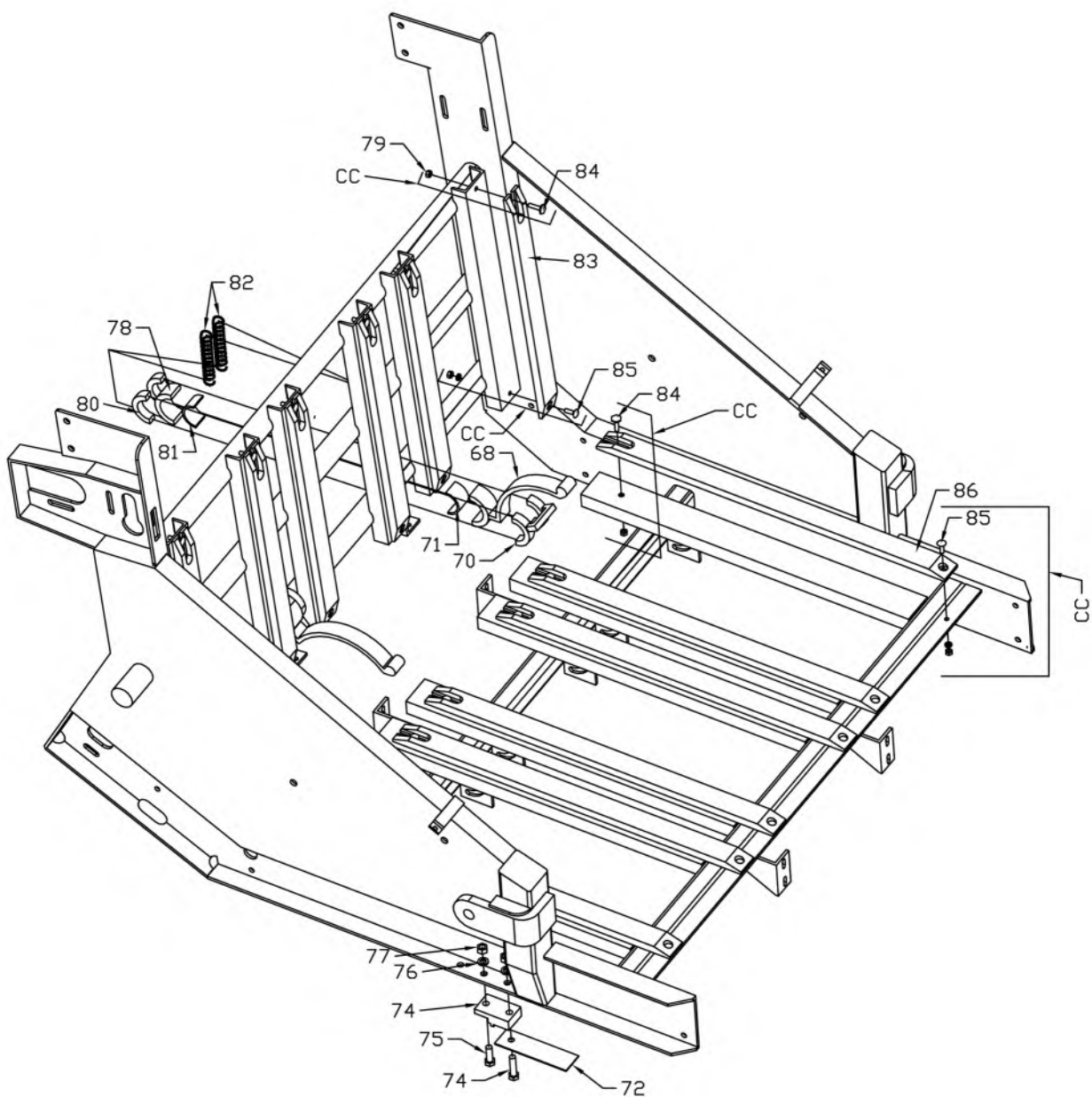
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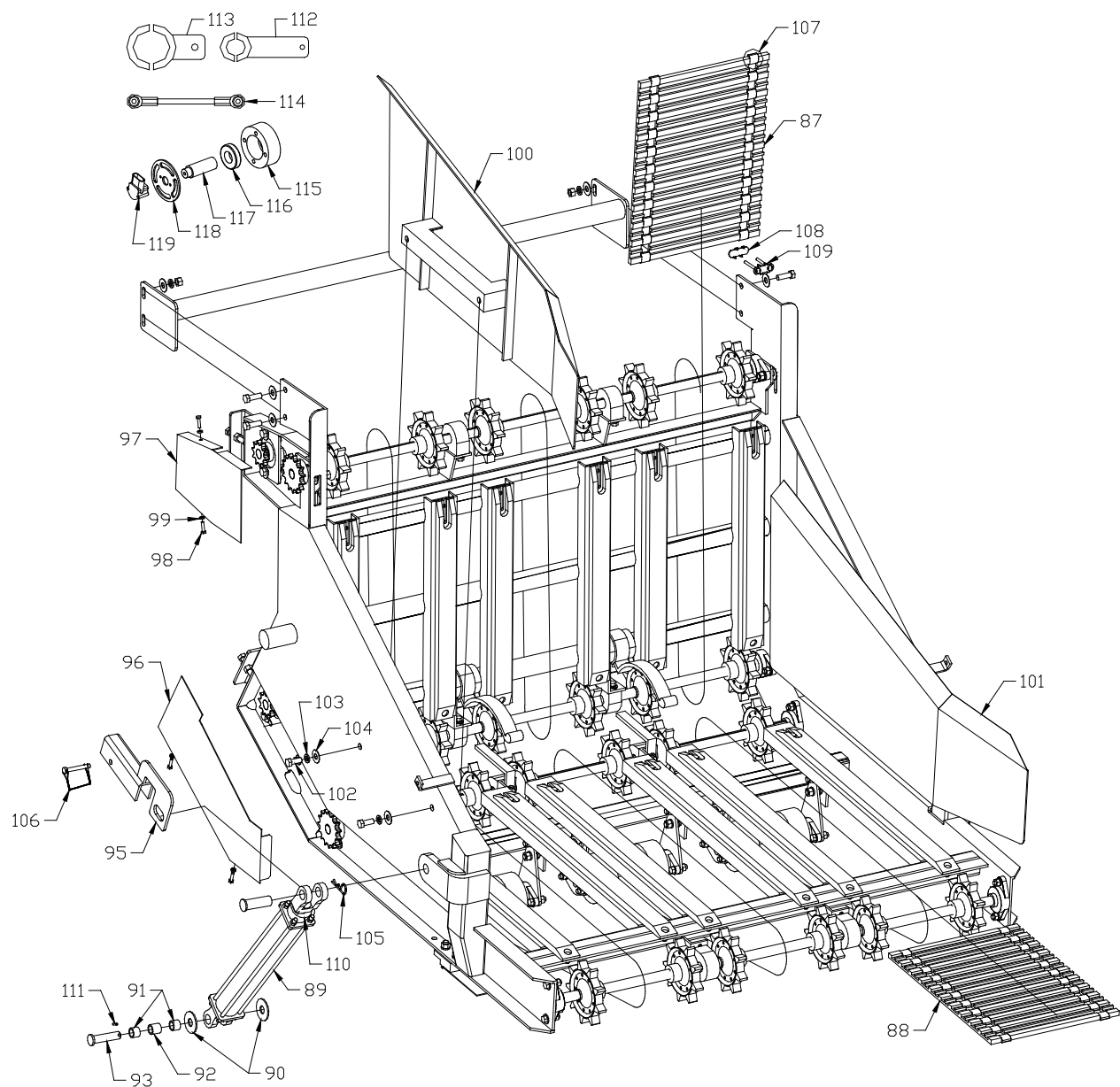
2nd CONVEYOR



2nd CONVEYOR



2nd CONVEYOR

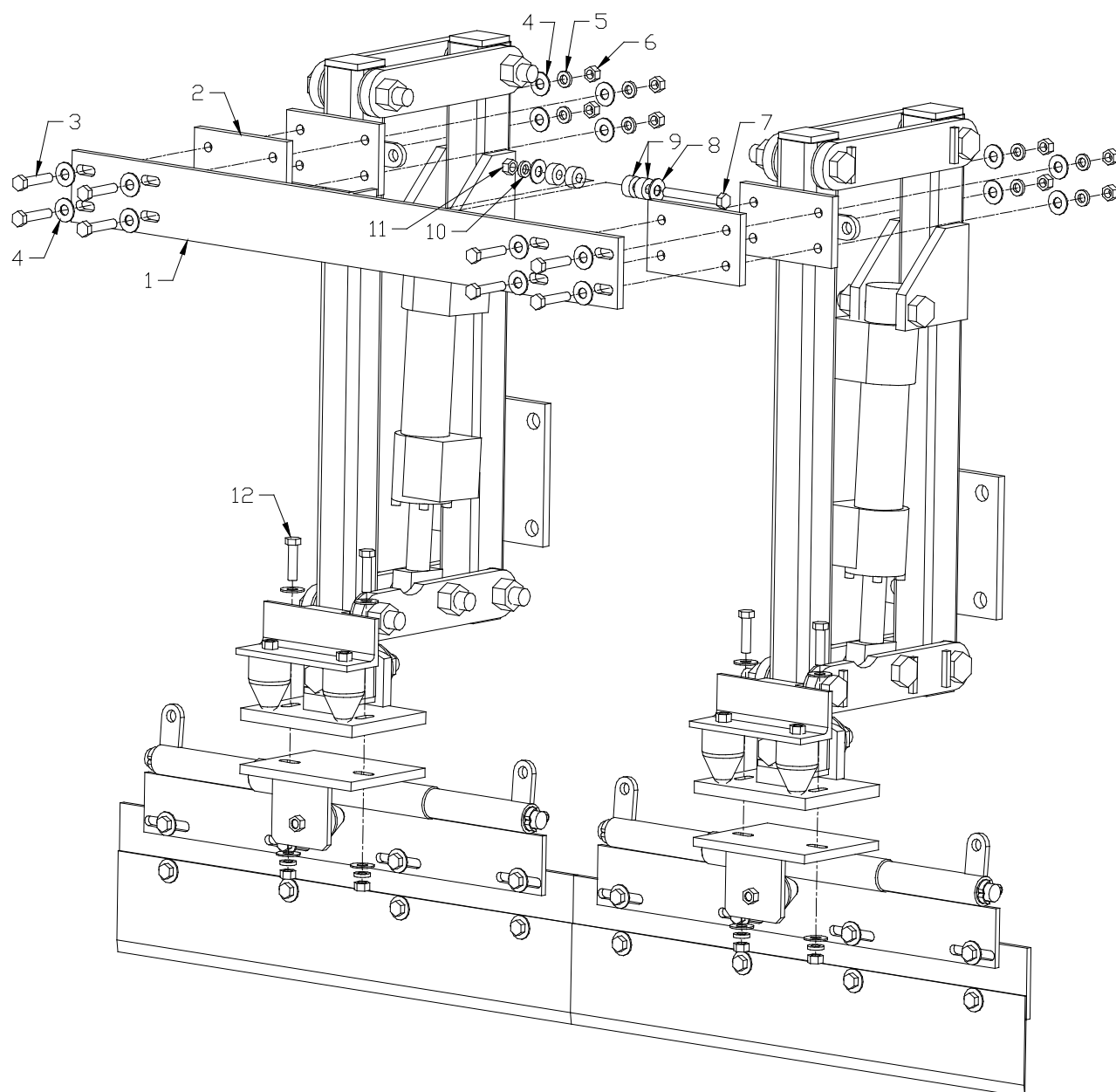


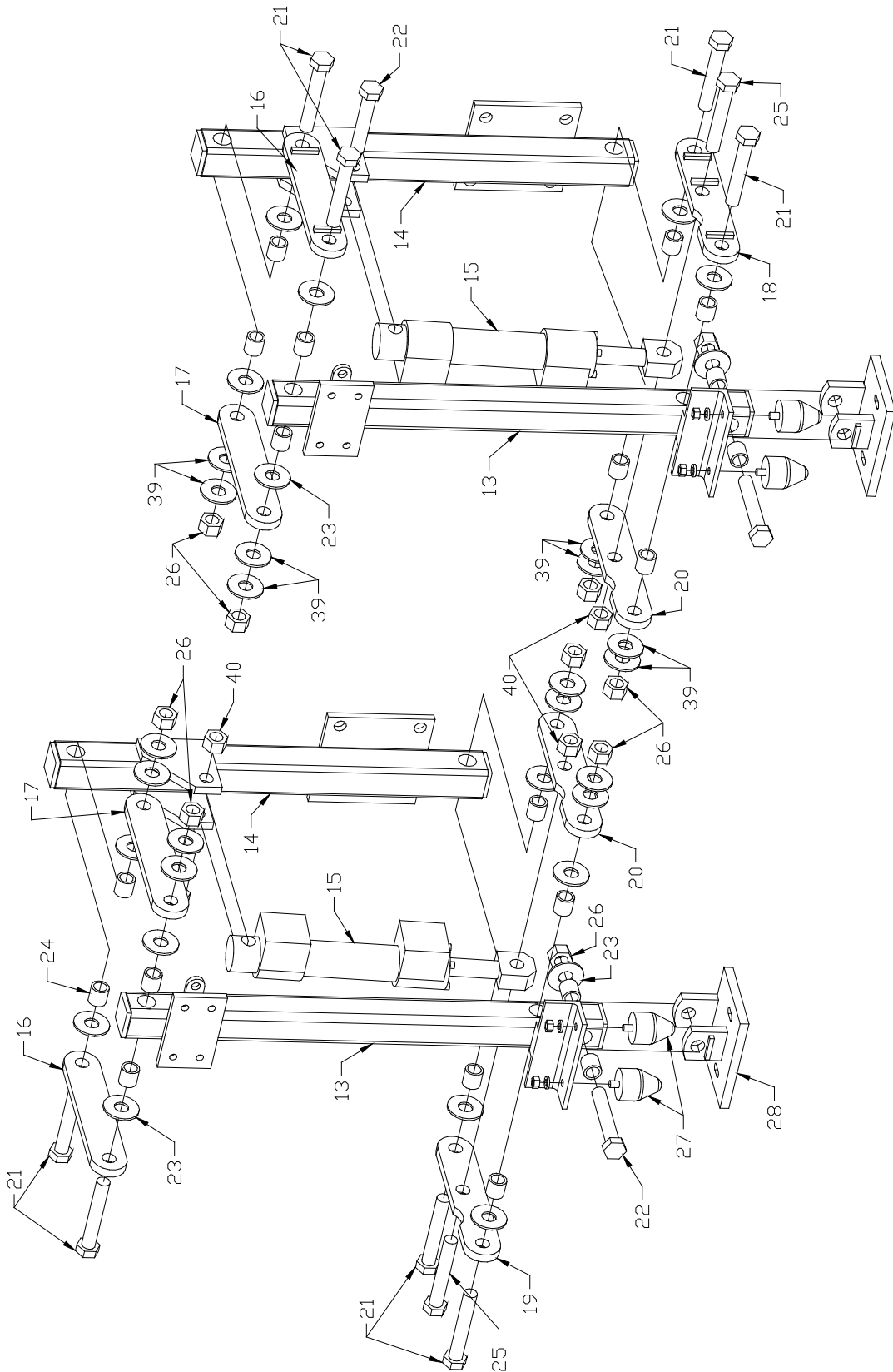
2nd CONVEYOR

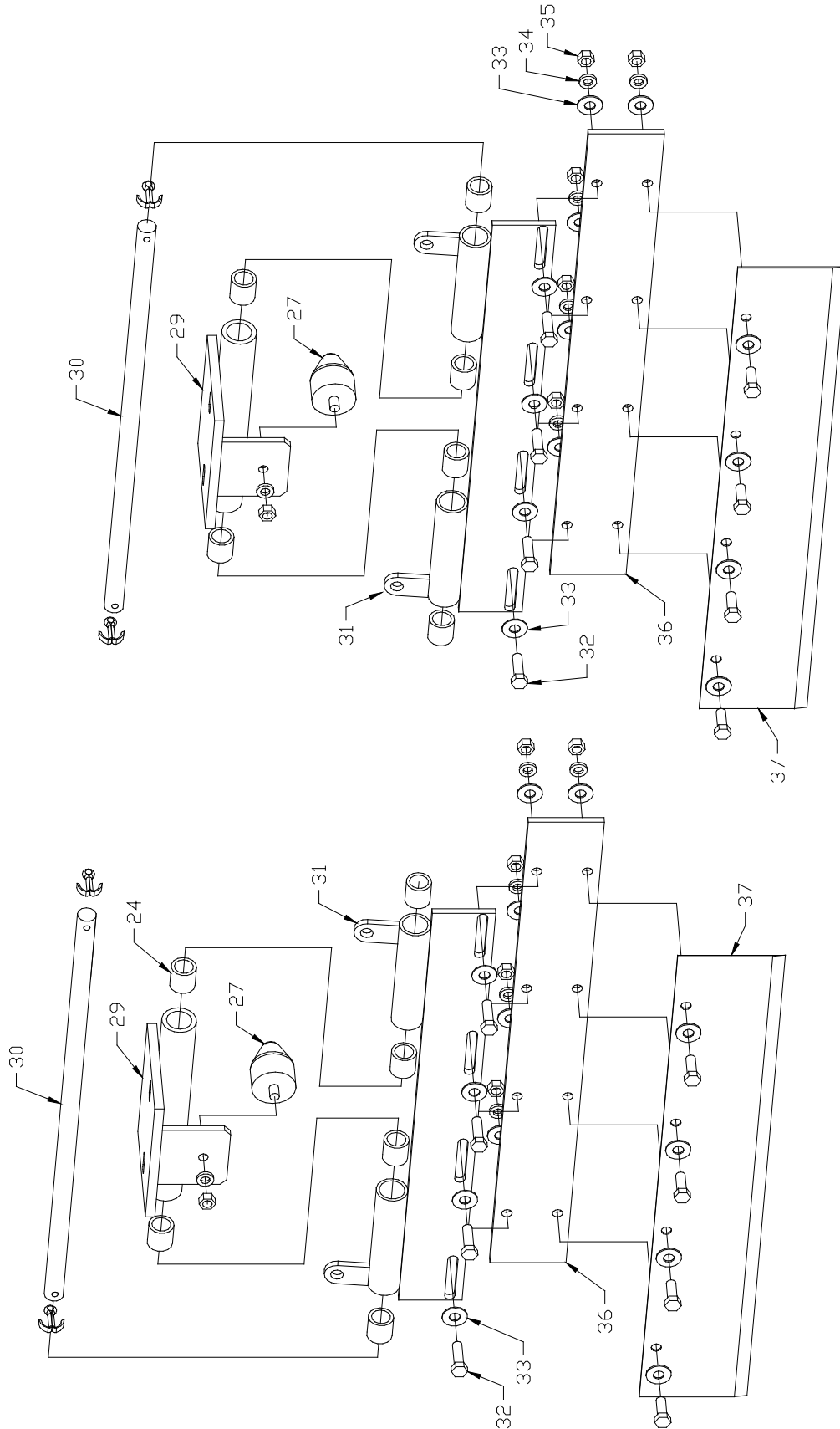
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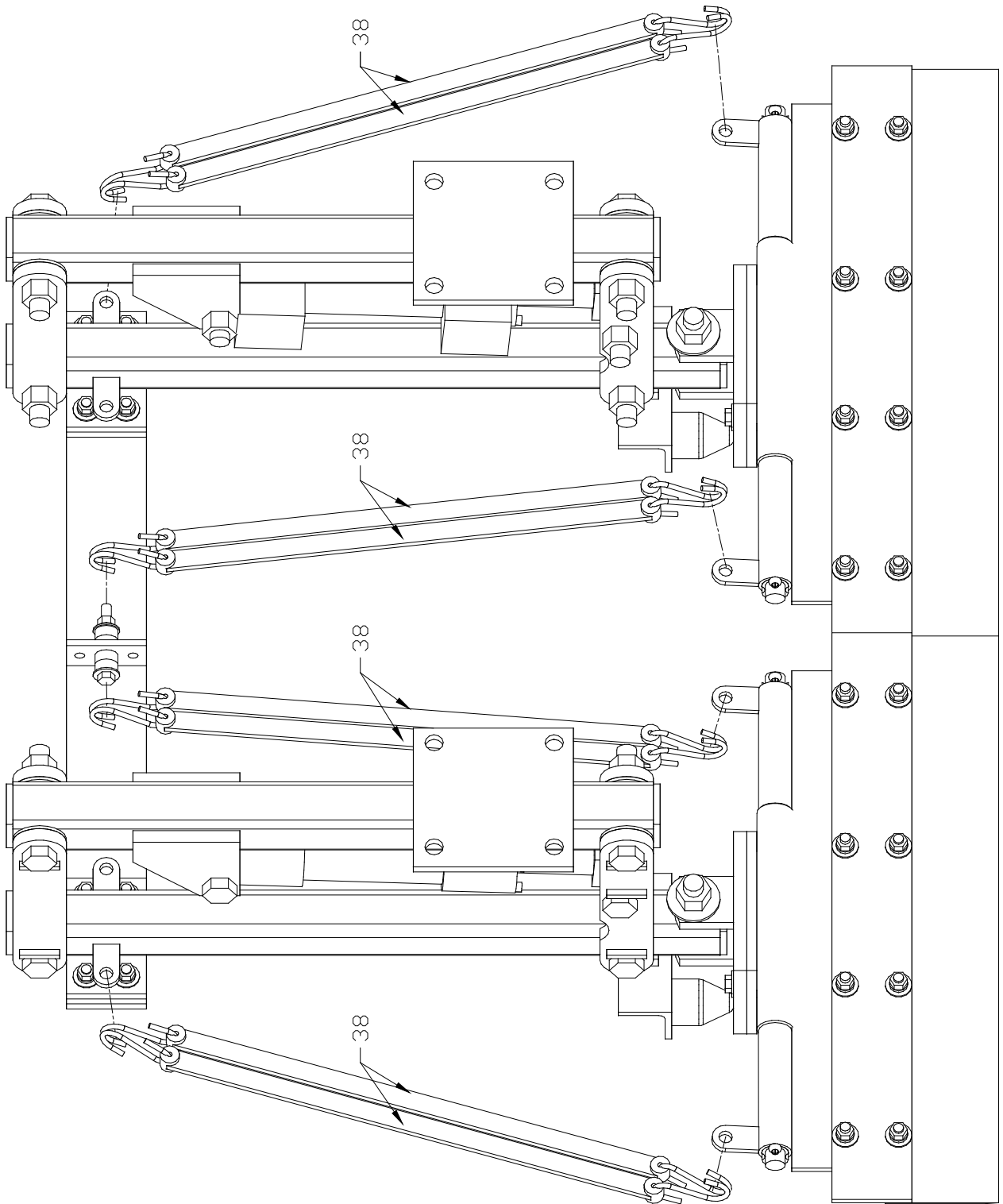
CHOP OFFS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	480CO110 (300/420)	Top cross brace
1	1	480CO111 (480)	Top cross brace
2	2	480CO103C	Cross brace spacer
3	8	13110	3/8"-16x1-3/4" Gr 5 Zinc Finish Hex Cap Screw
4	16	33859	3/8" Yellow Zinc USS Thru-Hard Flat Washer
5	8	33893	3/8" Yellow Zinc Hi Alloy Med Split Lock Washer
6	8	0169236	3/8"-16 Zinc Finish Grade 8 Finished Hex Nut
7	1	13115	3/8"-16x3" Zinc SAE J429 Gr 5 Hex Cap Screw
8	2	33859	3/8" Yellow Zinc USS Thru-Hard Flat Washer
9	4	XO32	Spacer
10	1	33893	3/8" Yellow Zinc Hi Alloy Med Split Lock Washer
11	1	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
12	4	13109	3/8"-16x1-1/2" Zinc SAE J429 Gr 5 Cap Screw
13	2	480CO103	Chop off
14	2	480CO104	Stationary chop off
15	2	660884	Chop cylinder
16	2	480CO115	Top link with key
17	2	480CO109	Top link without key
18	1	480CO116L	Left bottom link with key
19	1	489CO116R	Right bottom link with key
20	2	480CO108	Bottom link without key
21	8	17371	3/4-16X4 1/2 ZINC FINISH SAE J429 G5 HCS
22	2	13369	3/4"-10 x 4", Grade 5, Bolt
23	18	33820	3/4" Thru-Hard Yellow Zinc SAE Flat Washer
24	32	GM1216-016	Bushing
25	2	13371	3/4"-10x4-1/2" Gr 5 Zinc Finish Hex Cap Screw
26	8	37314	3/4"-16 Grade C Zinc Finish Steel Top Lock Nut
27	6	MRG1608	Rubber bumper
28	2	480CO102	Top pivot plate
29	2	480CO200	Bottom pivot plate
30	2	480CO105	Hinge pin
31	2	480CO101 (420)	Blade holder
31	2	480CO107 (480)	Blade holder
32	16	15105	3/8"-16x1" Grade 8 Yellow Zinc Hex Cap Screw
33	32	33859	3/8" Yellow Zinc USS Thru-Hard Flat Washer
34	16	33893	3/8" Yellow Zinc Hi Alloy Med Split Lock Washer
35	16	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
36	2	420CO210 (420)	Blade extension
36	2	480CO210 (480)	Blade extension
37	2	See Page 7.6	Chop-Off Blades
38	8	BUN100	Polystrap Bungee
39	16	0125805	Spring Washer
40	4	37274	3/4"-10 Grade C Zinc Finish Steel Top Lock Nut



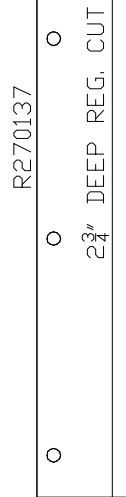
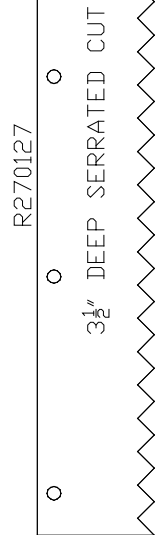
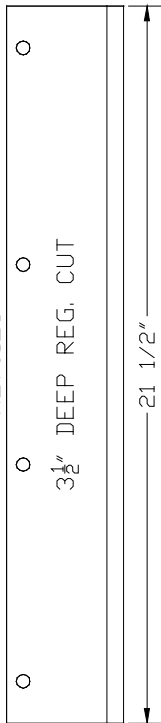




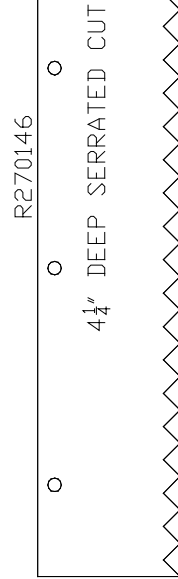
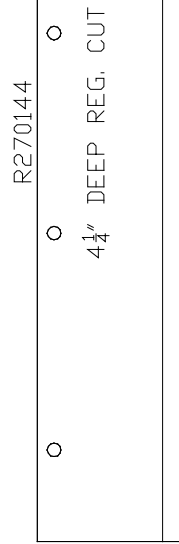
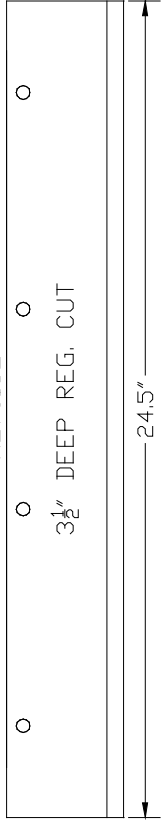


CHOP OFFS

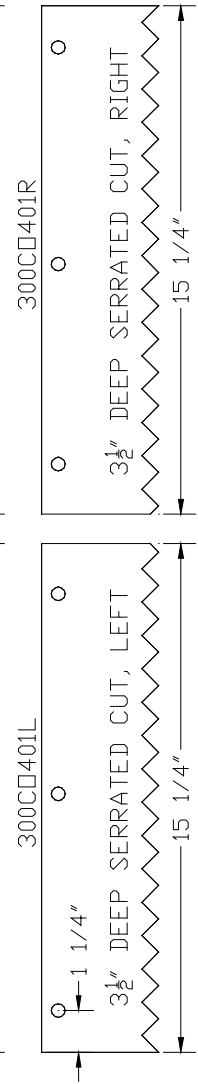
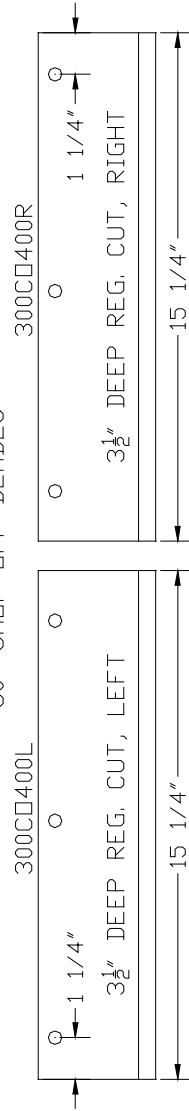
42" CHOP OFF BLADES
R270126



48" CHOP OFF BLADES
R270132



30" CHOP OFF BLADES



TOP SECRET

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NET DISPENSER

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	NC200	Net dispenser frame
2	1	NC130	Net shield
3	1	NC132	Skirt board
4	1	NC131	Clamp strip
5	3	13105	3/8"-16x1" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
6	6	33859	3/8" Yellow Zinc Finish USS Thru-Hard Flat Washer
7	3	33893	3/8" Yellow Zinc High Alloy Med Split Lock Washer
8	3	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
9	9	13005	1/4"-20 x 1" Grade 5 Zinc Finish Hex Cap Screw
10	18	33004	1/4" Zinc Finish USS Flat Washer
11	9	33891	1/4" Zinc Finish High Alloy Split Lock Washer
12	9	36302	1/4"-20 Zinc Finish Grade 5 Finished Hex Nut
13	6	FL100	Flange bearing
14	1	NC110	Net drive shaft
15	1	NC400	Rubber hose
16	1	50BS26HT1	Driven sprocket
17	1	NC-114SK30	Drive sprocket, clutch & sprag shaft assy
18	1	NC107	Motor spacer
19	1	151-3442-X	Hydraulic motor
20	4	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
21	4	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
22	4	13105	3/8"-16 x 1" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
23	1	1 1/2inKEYSTOCK	1/4" Key stock, 1 1/2" Long
24	1	NC401	Roller chain
25	1	NC109	Net idler shaft
26	2	NC106	Over-center handle
27	2	NC105L	LEFT Over-center link
28	2	703X400	Spring
29	2	NC122	Net spring bolt
30	4	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
31	4	33859	3/8" Yellow Zinc Finish USS Thru-Hard Flat Washer
32	4	37266	7/16"-14 Grade C Zinc Finish Steel Top Lock Nut
33	2	13107	3/8"-16x1-1/4" Zinc SAE J429 Gr 5 Hex Cap Screw
34	2	13161	7/16"-14 x 2" Grade 5 Zinc Finish Hex Cap Screw
35	2	13161	7/16"-14 x 2" Grade 5 Zinc Finish Hex Cap Screw
36	12	33859	3/8" Yellow Zinc Finish USS Thru-Hard Flat Washer
37	8	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
38	4	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
39	4	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
40	4	13159	7/16"-14 x 1-1/2" Grade 5 Zinc Finish Hex Cap Screw
41	1	NC115	Net slitter shaft
42	1	NC145	Net slitter guard
43	1	NC116	Net slitter blade
44	1	NC140	Backlash brake
45	1	NC120	Cam
46	2	Y40L	Follower roller



NET DISPENSER

Parts List

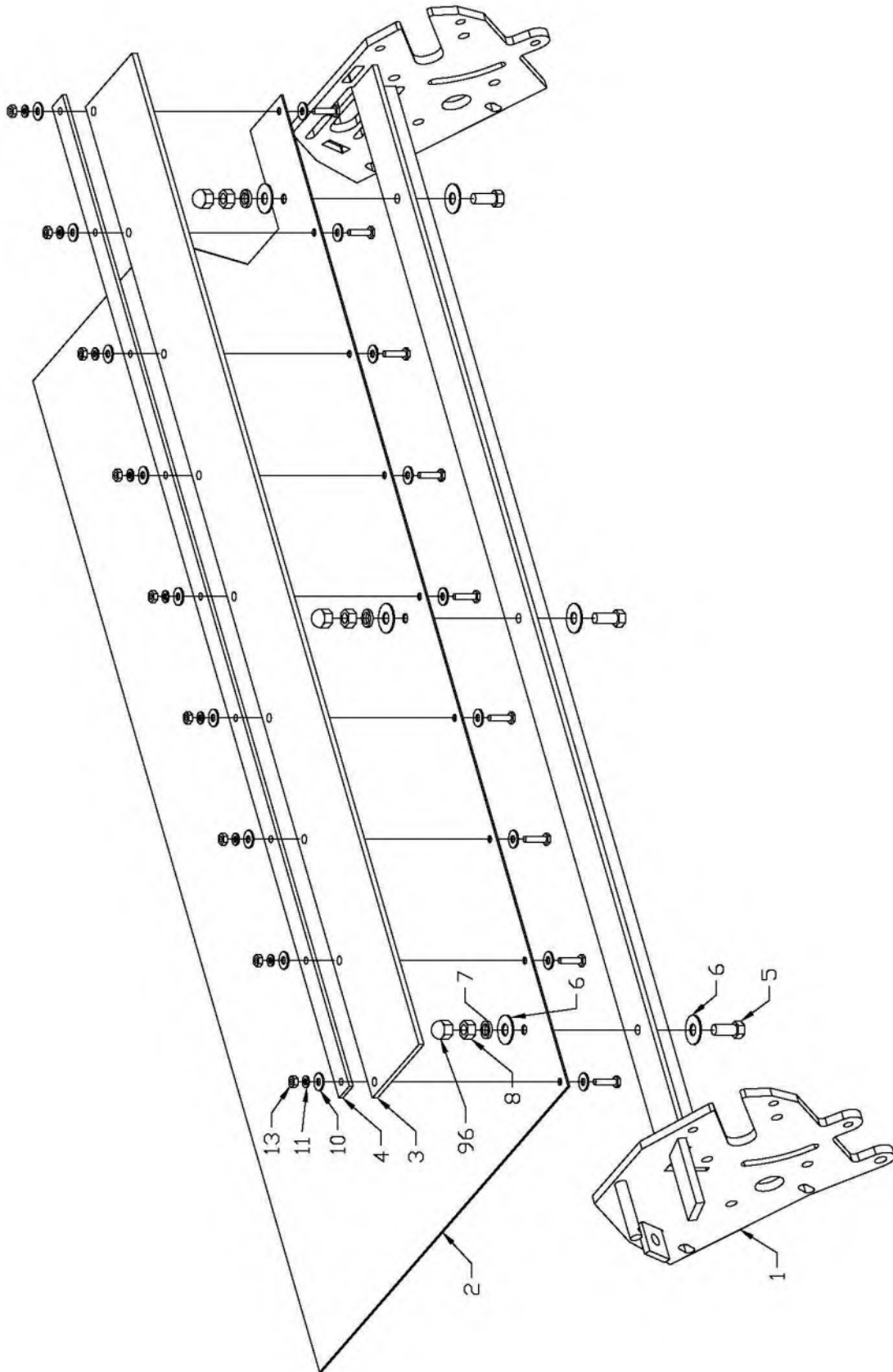
ITEM	QTY	PART NUMBER	DESCRIPTION
47	1	13110	3/8"-16 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
48	4	33859	3/8" Yel Zinc Finish USS Thru-Harden Flat Washer
49			
50	1	37212	3/8"-16 Zinc Finish Grade 5 Finished Rev Lock Nut
51	1	37024	3/8"-16 Gr 2 Zinc Fin NE Steel Nylon Insert Lock Nut
52	2	33859	3/8" Yel Zinc Finish USS Thru-Harden Flat Washer
53	1	37212	3/8"-16 Zinc Finish Grade 5 Finished Rev Lock Nut
54	1	13107	3/8"-16x1-1/4" Zinc Fin SAE J429 Gr 5 Cap Screw
55	1	NC108	Knife
56	4	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
57	4	13107	3/8"-16x1-1/4" Zinc Fin SAE J429 Gr 5 Cap Screw
58	2	F2BSC012	Flange bearing
59	1	420SRA-NC201 (300/420) 480SRA-NC201 (480)	Brake arm extension
60	1	NC112	Brake arm
61	1	NC113	Brake arm tab
62	1	703X400	Spring
63	2	875X091	Spring
64	1	33817	1/2" Thru-Hard Yellow Zinc Steel SAE Flat Washer
65	1	65076	Cotter pin
66	2	13057	5/16"-18 x 1-1/4" Grade 5 Zinc Finish Hex Cap Screw
67	2	33892	5/16" Yellow Zinc High Alloy Med Split Lock Washer
68	2	36304	5/16"-18 Zinc Finish Grade 5 Finished Hex Nut
69	1	13212	1/2"-13x2-1/4" Zinc SAE J429 Gr 5 Hex Cap Screw
70	1	33817	1/2" Thru-Hardened Yellow Zinc SAE Flat Washer
71	1	EF8-12-08	Bushing
72	1	EF8-12-08	Bushing
73	1	36210	1/2"-13 ASTM A563 Grade A Zinc Finish Steel Jam Nut
74	1	33817	1/2" Thru-Hard Yellow Zinc Finish SAE Flat Washer
75	1	13110	3/8"-16 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
76	1	33893	3/8" Yellow Zinc High Alloy Med Split Lock Washer
77	1	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
78	2	13109	3/8"-16x1-1/2" Zinc SAE J429 Gr 5 Hex Cap Screw
79	4	33859	3/8" Yellow Zinc Finish USS Thru-Hard Flat Washer
80	2	37024	3/8"-16 Gr 2 Zinc Finish NE Steel Nylon Insert Lock Nut
81	1	420NC300	Net cone (for 3 in. tube)
82	1	NC123	Net bar
83	1	420NC315	Net brake extension
84	1	420NC310	Net clamp (for 3 in. tube)
85	2	13207	1/2"-13 x 1-1/4" Grade 5 Zinc Finish Hex Cap Screw
86	1	420NC410	Net clamp (for 4 in. tube)
87	1	420NC400	Net cone (for 4 in. tube)
88	1	300NC316	Net cone for 300SR
89	1	34316	Split collar
90	1	SRA-NC200	Net splitter cylinder mount
91	1	9-7257-4	Hydraulic Cylinder

NET DISPENSER

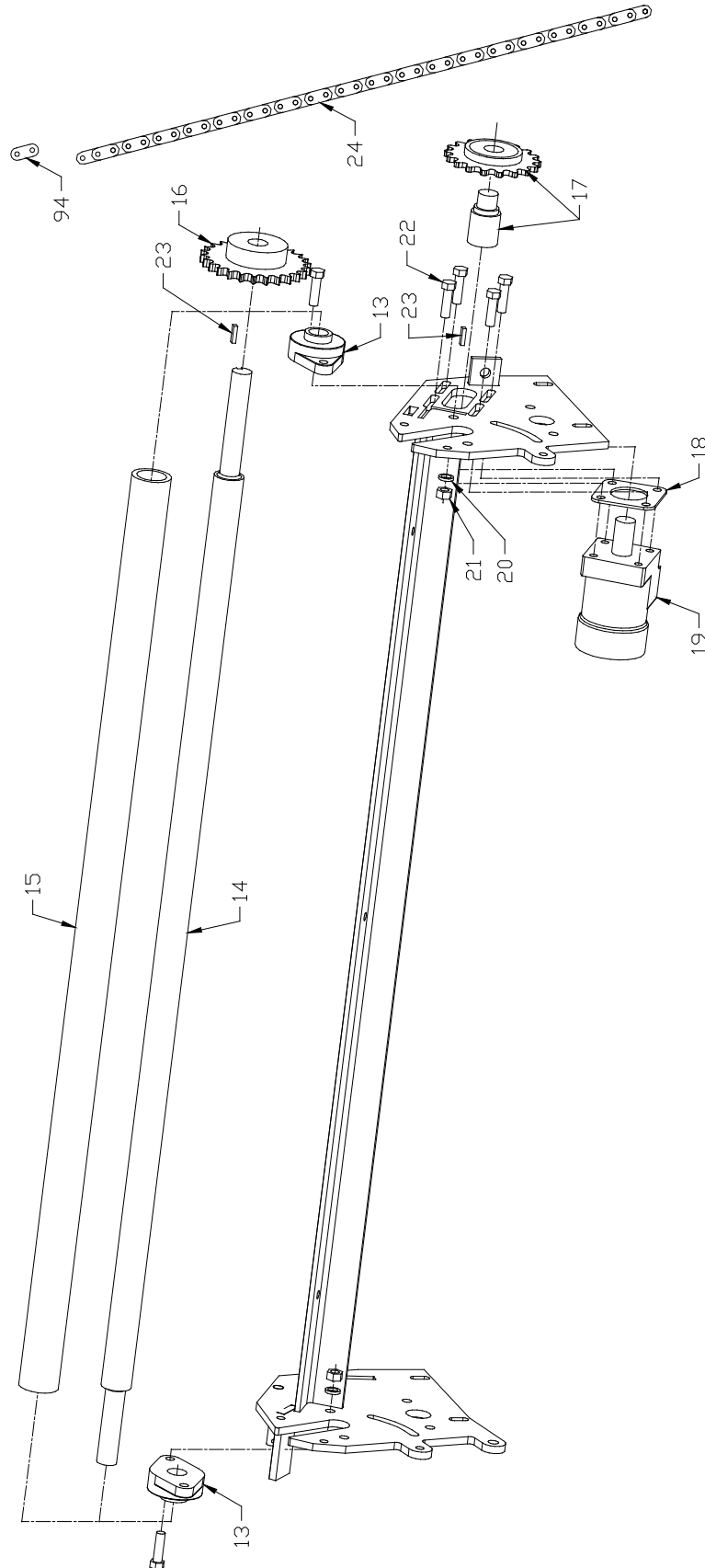
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
92	6	420MF158	Net Bar Wear Pad
93	6	24225	1/4"-20x1" Hex Drive Black Oxide Finish Alloy Steel Flat Socket Cap Screw
	6	33891	1/4" Zinc Finish High Alloy Split Lock Washer
	6	36302	1/4"-20 Zinc Finish Grade 5 Finished Hex Nut
94	1	50-1SC	Drive Chain Master link
95	2	0120711	1/4" Lynch Pin
96	5	37710	3/8 – 16 CAP NUTS
97	1	NC105R	RIGHT Over-center link
Repair Kits			
	1	11188319	Seal kit for 151-3442-X net feed motor



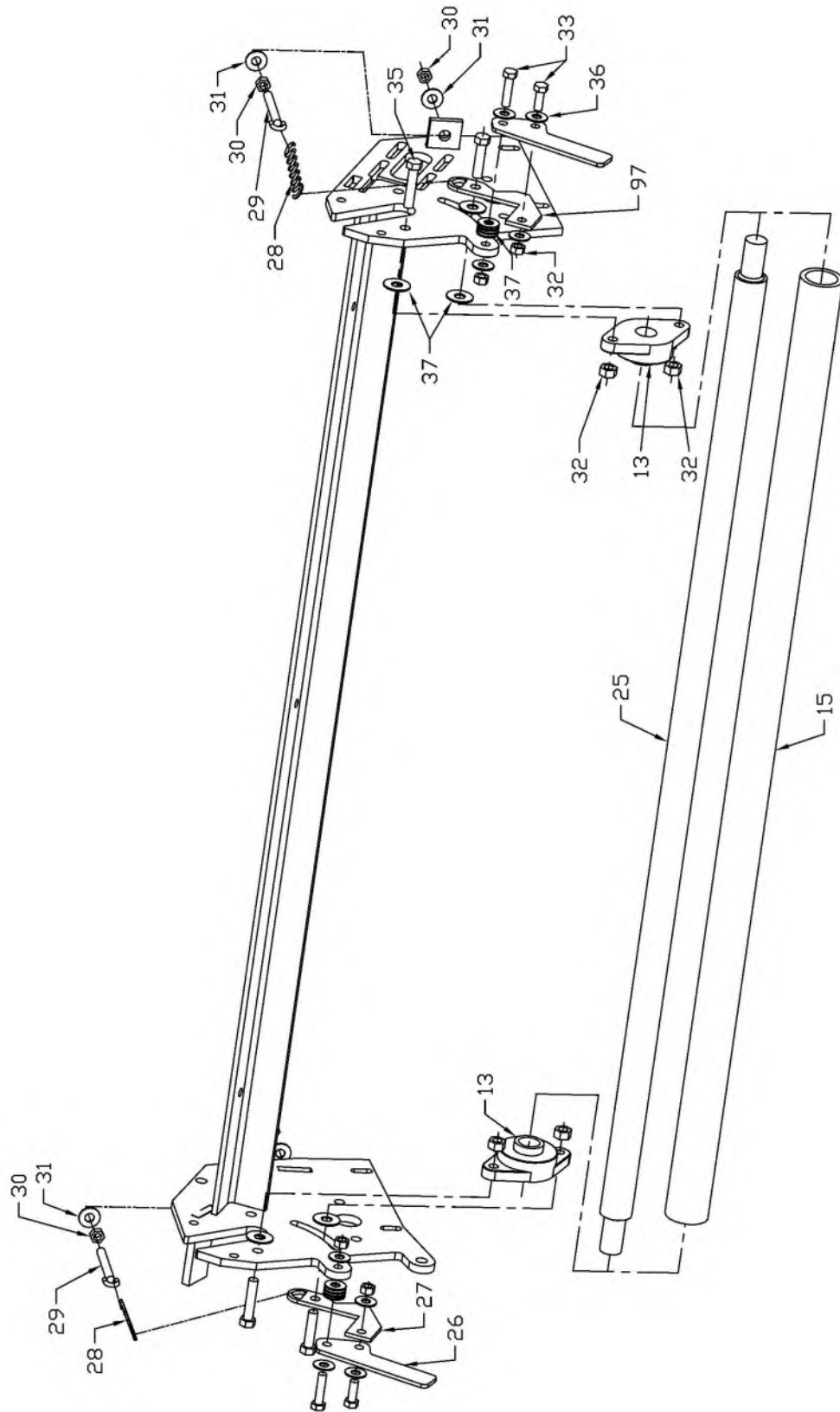
NET DISPENCER



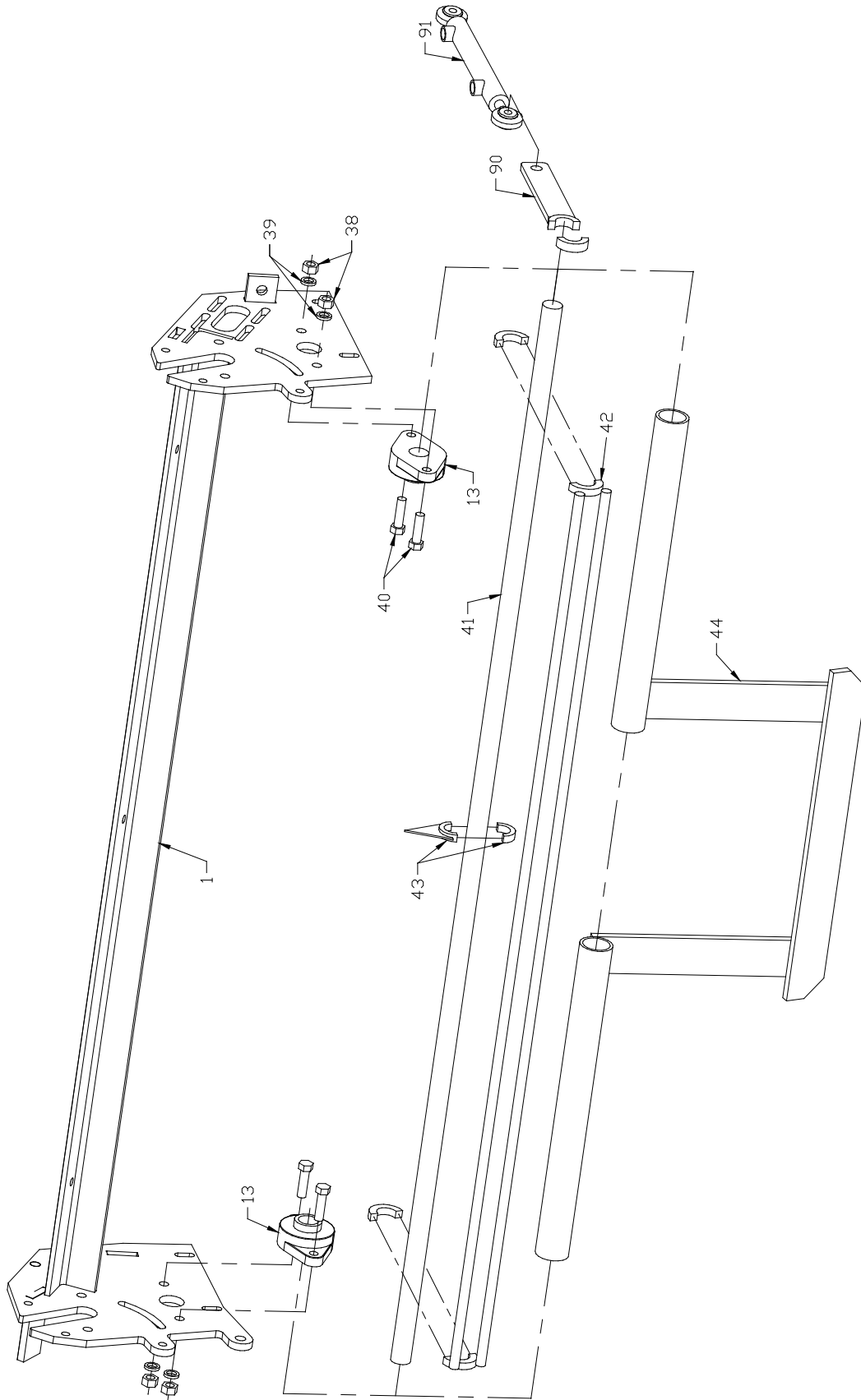
NET DISPENCER

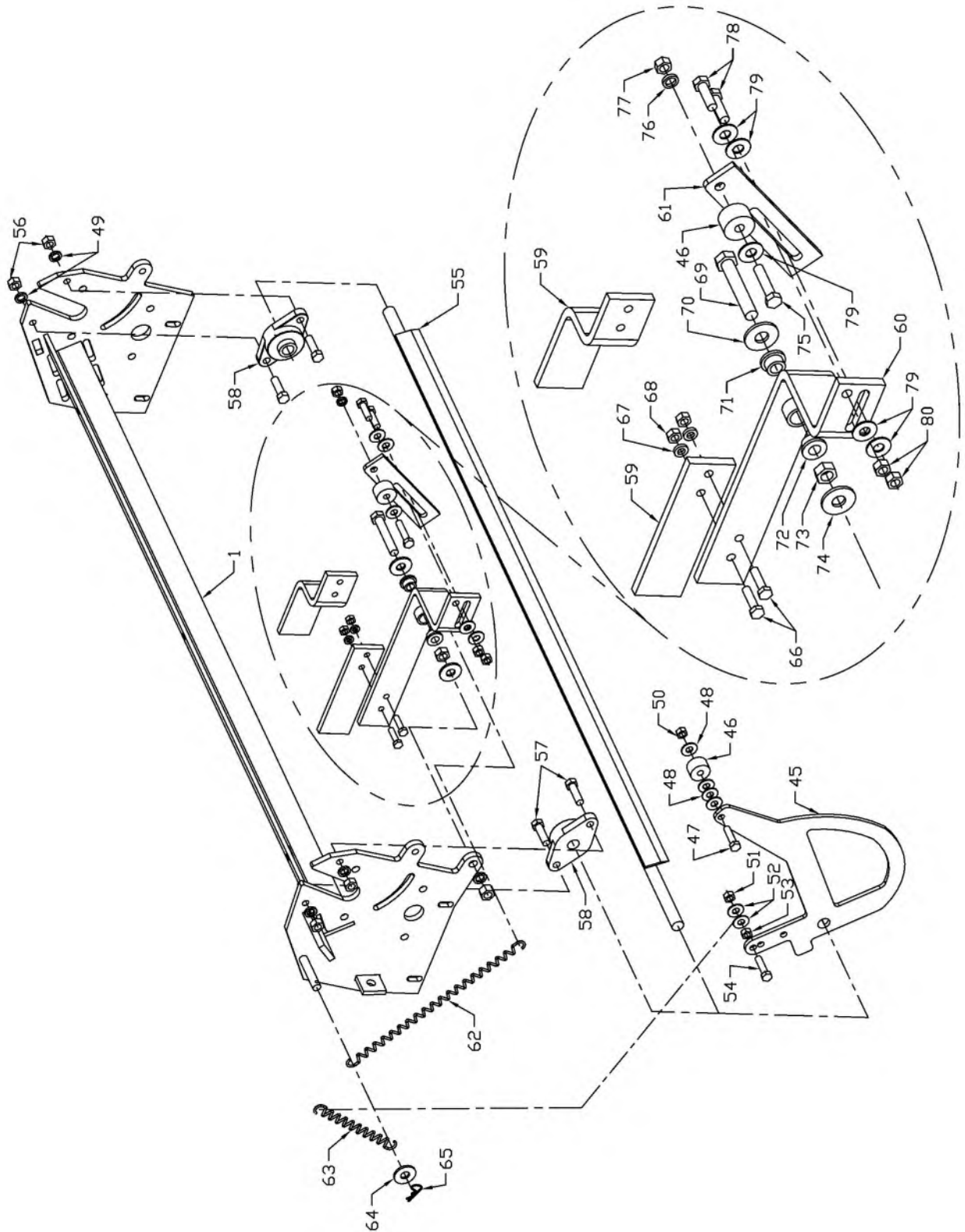


NET DISPENCER

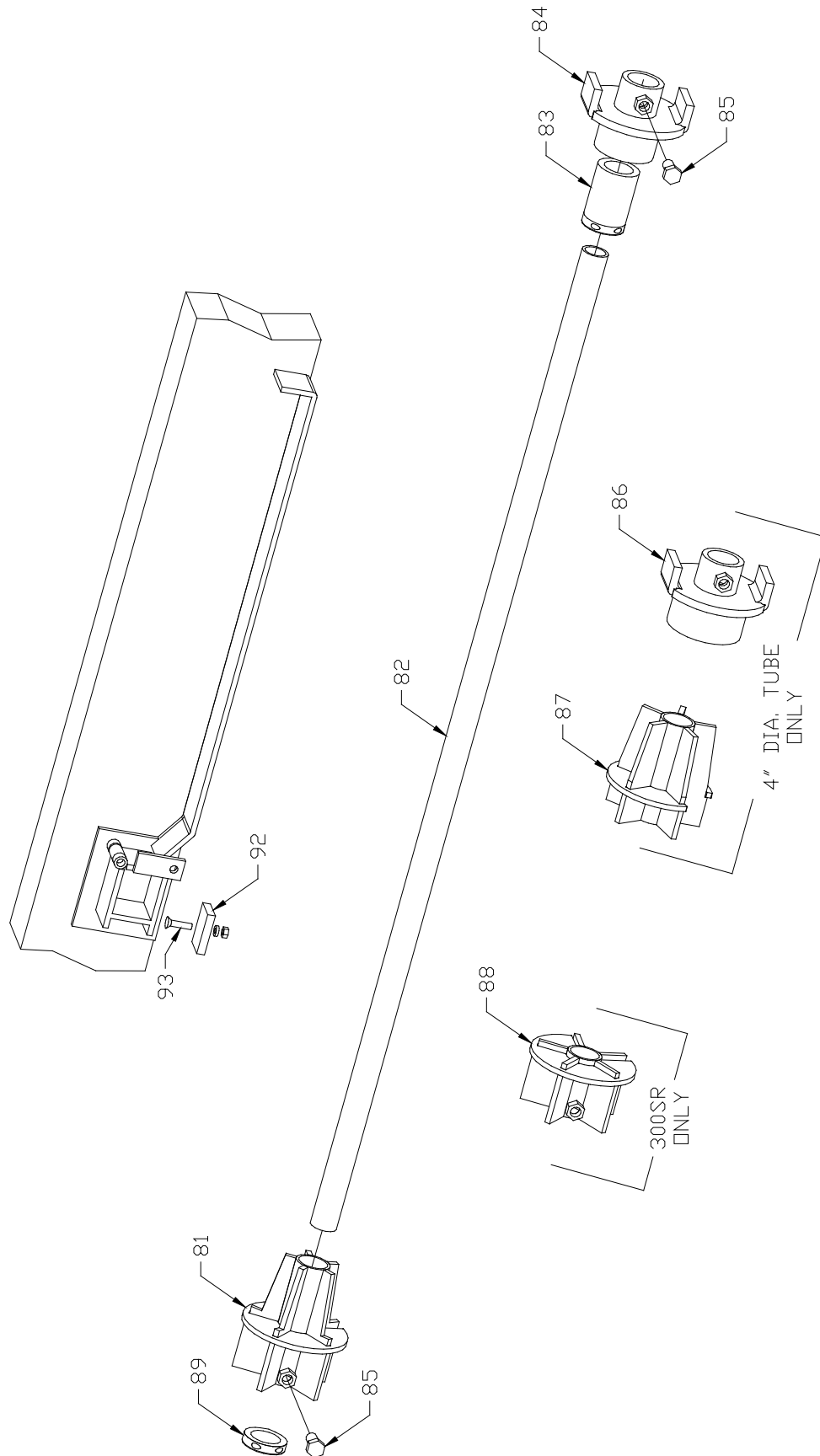


NET DISPENSER





NET DISPENSER



This image shows a full page of blank handwriting practice paper. It features multiple sets of horizontal lines, each consisting of three parallel lines: a solid top line, a dashed middle line, and a solid bottom line. These sets are repeated down the entire page to provide a guide for letter height and placement. The background is white, and the lines are printed in a light gray or blue color. There are no margins, text, or other markings on the page.

TUBE RACK

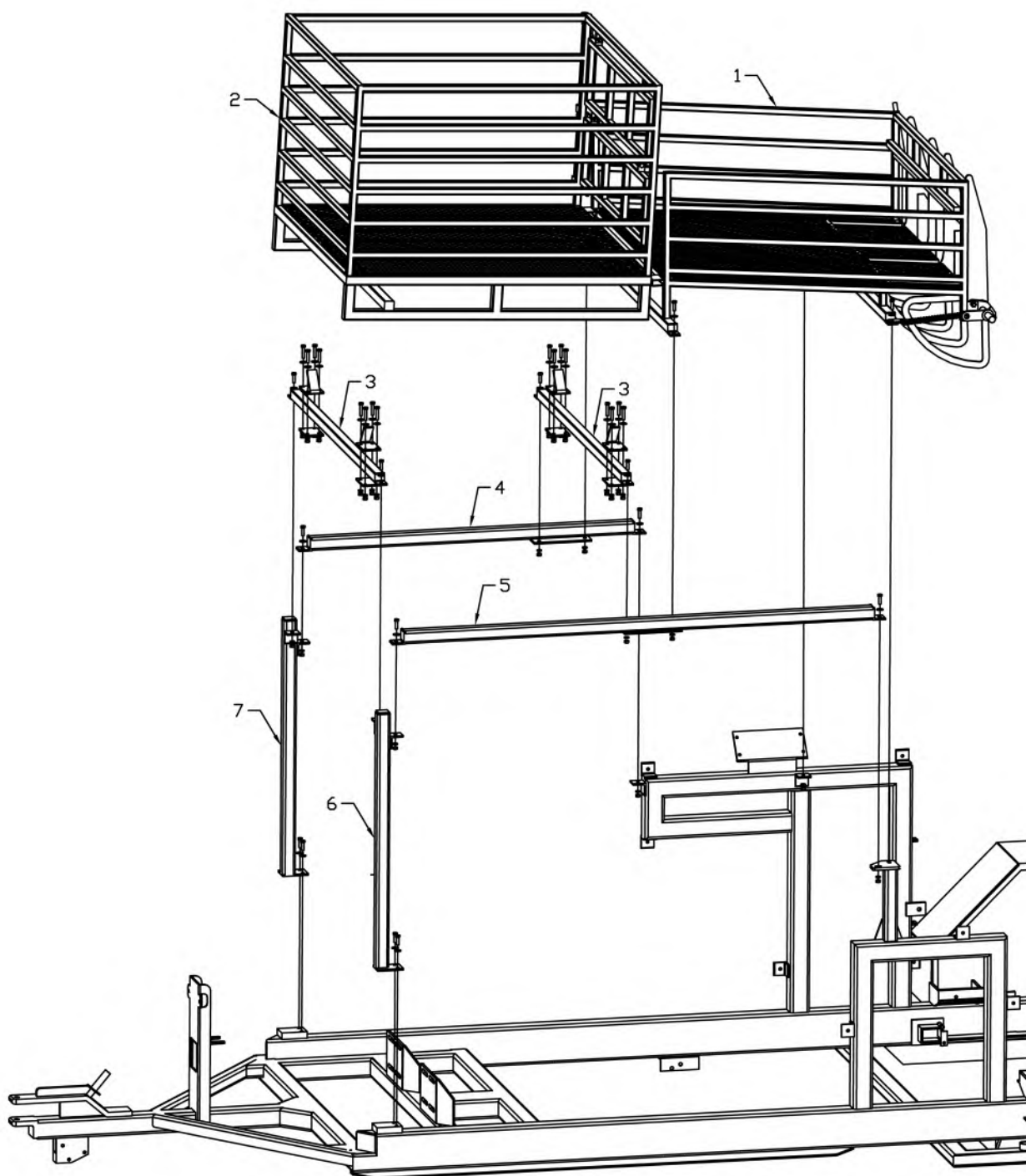
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	300SRA-TR100 (300)	Rear tube rack
1	1	420SRA-TR100 (420)	Rear tube rack
1	1	480SRA-TR100 (480)	Rear tube rack
2	1	300TR100 (300)	Front tube rack
2	1	420TR100 (420)	Front tube rack
2	1	480TR100 (480)	Front tube rack
3	2	480BR201	Tube rack support
4	1	420MF245	Right side horizontal support
5	1	420MF240	Left side horizontal support
6	1	420MF230	Left side upright support
7	1	420MF235	Right side upright support
8	1	300TR125 (300)	Lower tube gate
8	1	420TR125 (420)	Lower tube gate
8	1	480TR125 (480)	Lower tube gate
9	1	300TR120 (300)	Upper tube gate
9	1	420TR120 (420)	Upper tube gate
9	1	480TR120 (480)	Upper tube gate
10	2	480TR137B	Handle
11	4	480TR140	Rack guide
12	4	480TR141	Rack guide bottom plate
13	16	36304	5/16"-18 Hex Nut
14	16	33892	5/16" Split Lock Washer
15	16	13063	5/16"-18 x 2-1/2" Hex Cap Screw
16	2	37212	3/8"-16 Reverse Lock Nut
17	2	13109	3/8"-16x1-1/2" Hex Cap Screw
18	5	37212	3/8"-16 Reverse Lock Nut
19	4	13105	3/8"-16x1" Hex Cap Screw
20	1	480TR139	Side gate
21	1	480TR142	Side gate latch
22	1	13111	3/8"-16 x 2" Hex Cap Screw
23	2	33815	3/8" SAE Flat Washer
24	1	33816	7/16" SAE Flat Washer
25	2	37266	7/16"-14 Top Lock Nut
26	2	13162	7/16"-14 x 2 1/4" Hex Cap Screw
27	1	SRA-TR200	Sensor Mount
28	1	480BR219	Tube Feeder
29	2	13211	1/2"-13 x 2" Hex Cap Screw
30	2	33817	1/2" SAE Flat Washer
31	2	37268	1/2"-13 Top Lock Nut
32	1	9-7257-4	Hydraulic Cylinder
33	1	SRA-TR202	Cylinder Mount
34	2	FL100	Flange bearing
35	4	13159	7/16"-14 x 1-1/2" Hex Cap Screw
36	4	33894	7/16" Split Lock Washer
37	4	36308	7/16"-14 Hex Nut



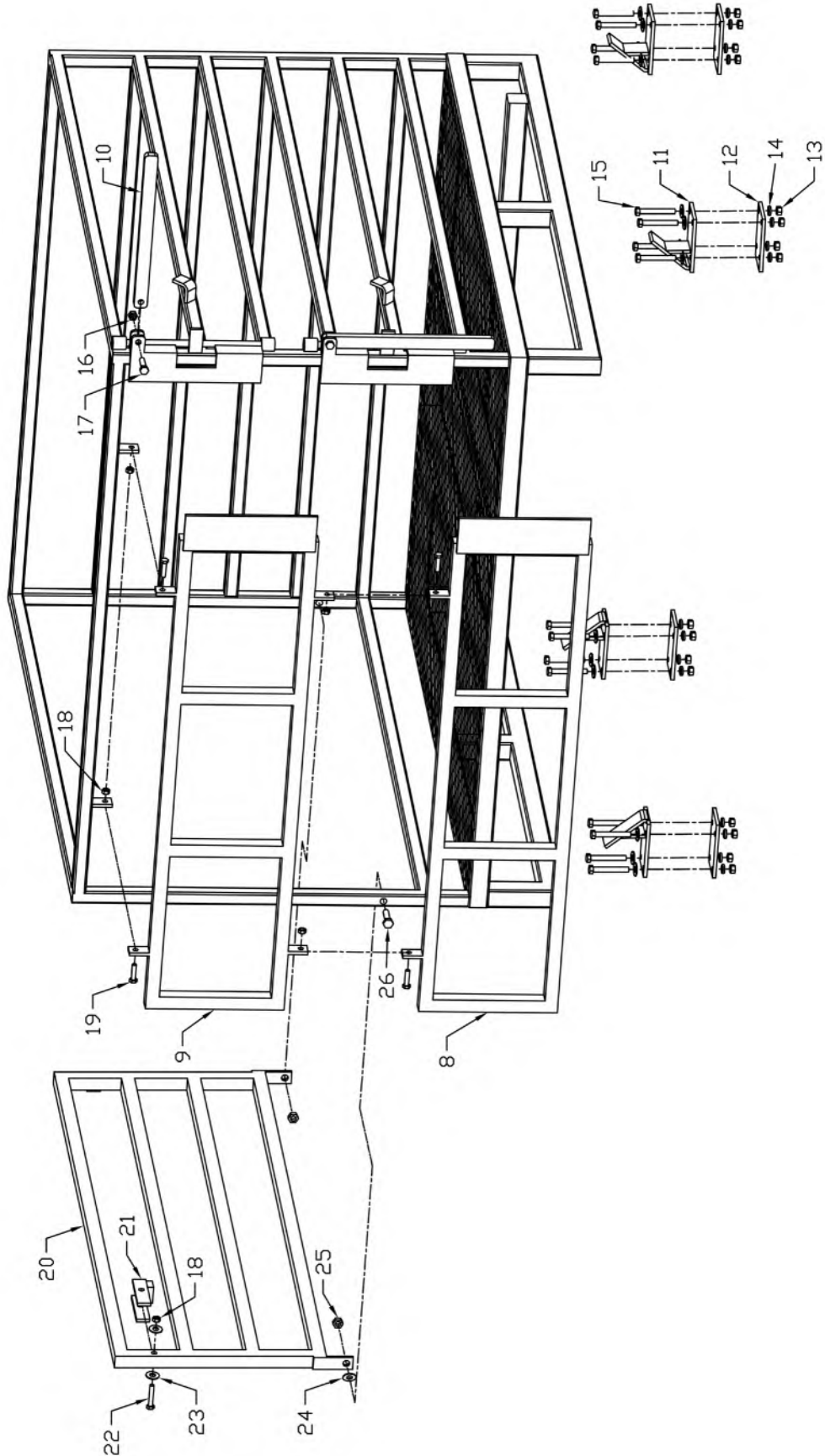
TUBE RACK

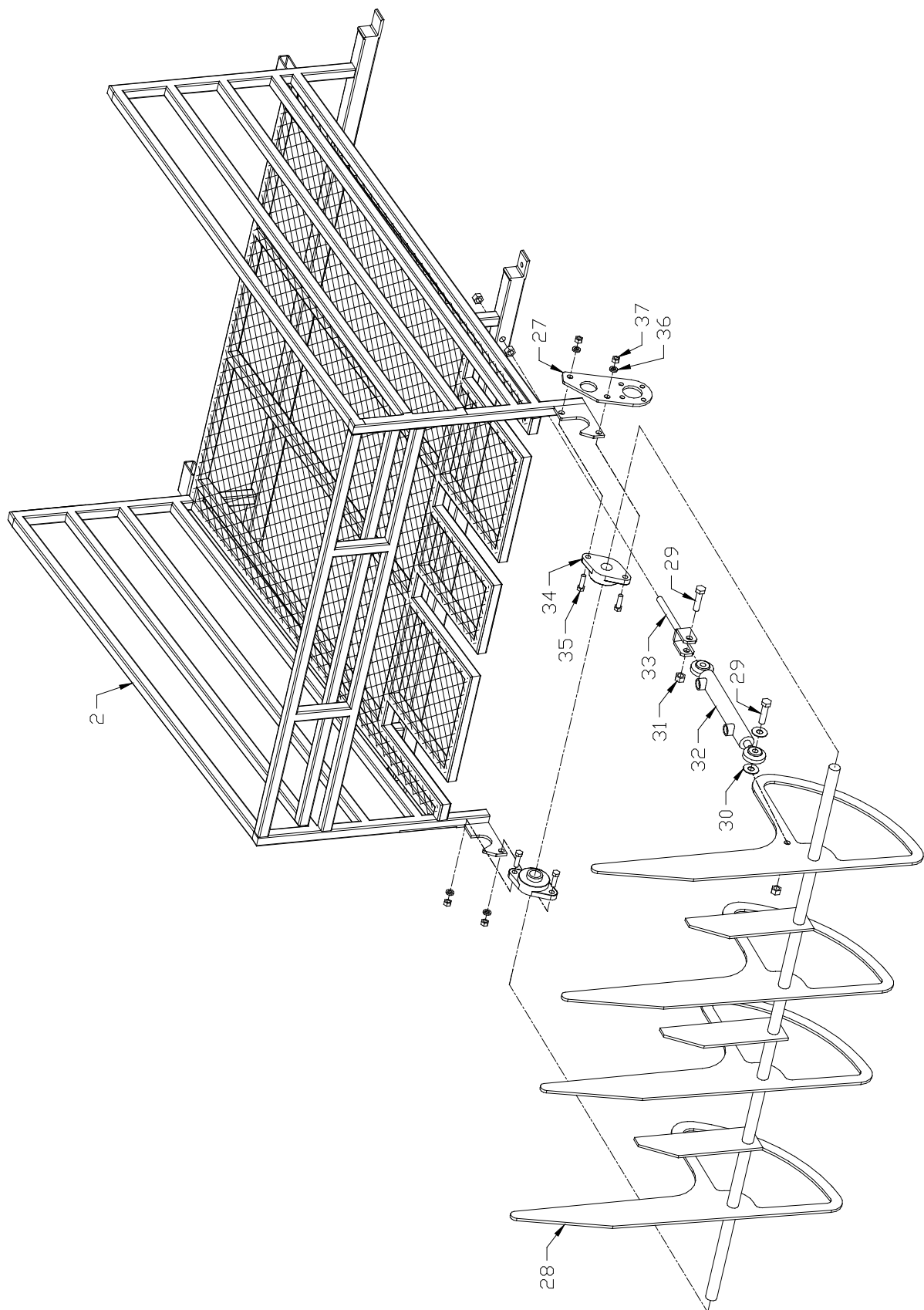
38	1	420SRA-TR100	420 SRA REAR TUBE RACK TUBE
39	2	SRA-TR101	CAMERA GUARD
40	1	SRA-EL202	CAMERA MOUNT
41	1	SRA-TR203	Camera Mount
42	4	37207	#10-24 REVERSE LOCK NUT
43	4	28969	10-24 X 3/4 HEAD SCREW
44	4	33074	#10 FLAT WASHER
45	8	1133080	5/16" SAE WASHER
46	4	33815	3/8" SAE FLAT WASHER
47	2	36306	3/8"-16 HEX NUT
48	2	33893	3/8" LOCK WASHER
49	2	13111	3/8" - 16 X 2" CAP SCREW BOLT
50	4	36304	5/16"-18 HEX NUT
51	4	11110073	5/16"-18 X 2" CAPSCREW PT
52	4	33892	5/16" LOCK WASHER
53	1	VCMS155	CAMERA
54	4	92137A307	FLANGED BUTTON HEAD SCREW, M4 X 0.70mm X 12mm
55	4	1133612	M4 LOCK WASHER
56	4	40219	FLAT WASHER

TUBE RACK

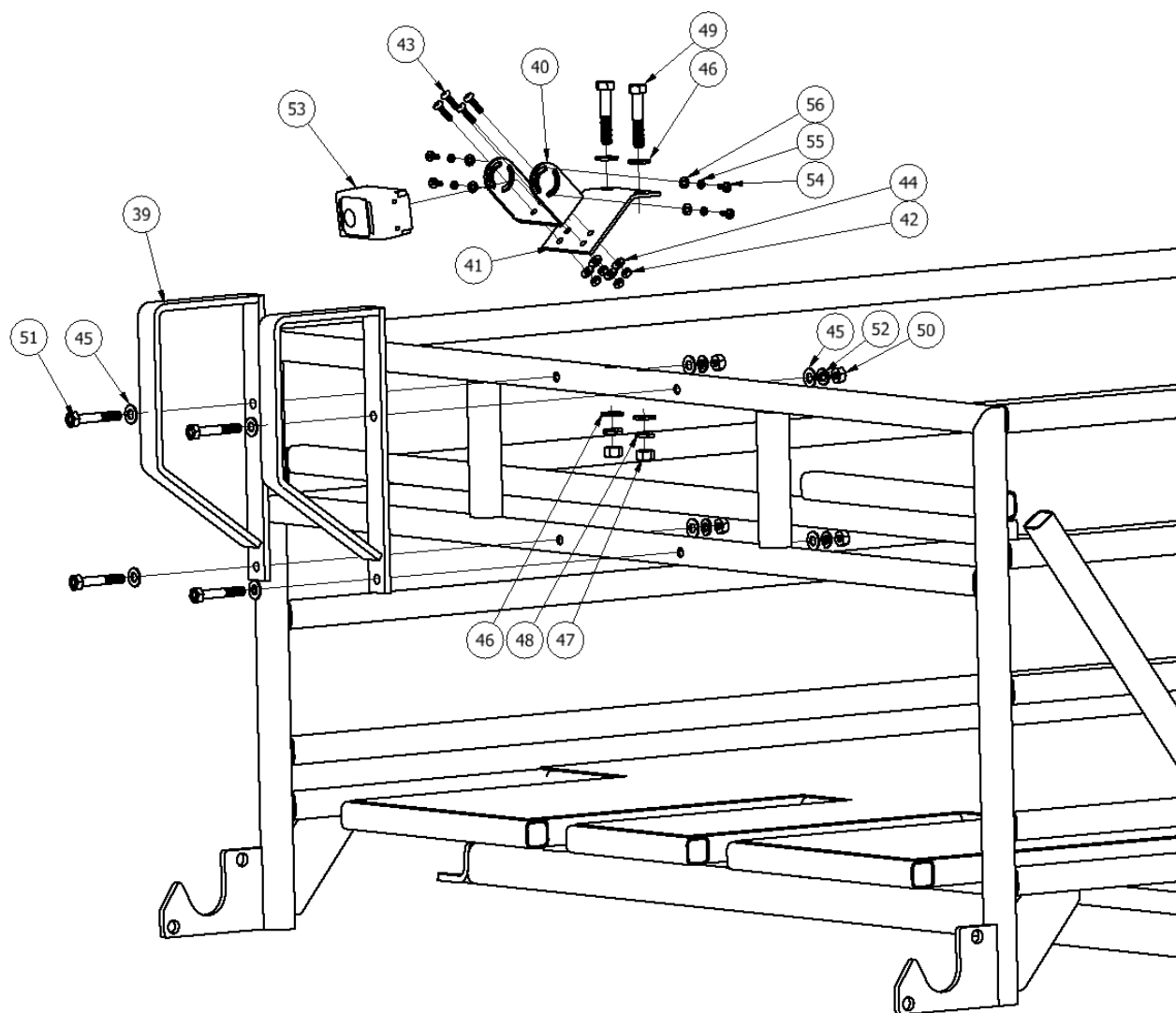


TUBE RACK





TUBE RACK

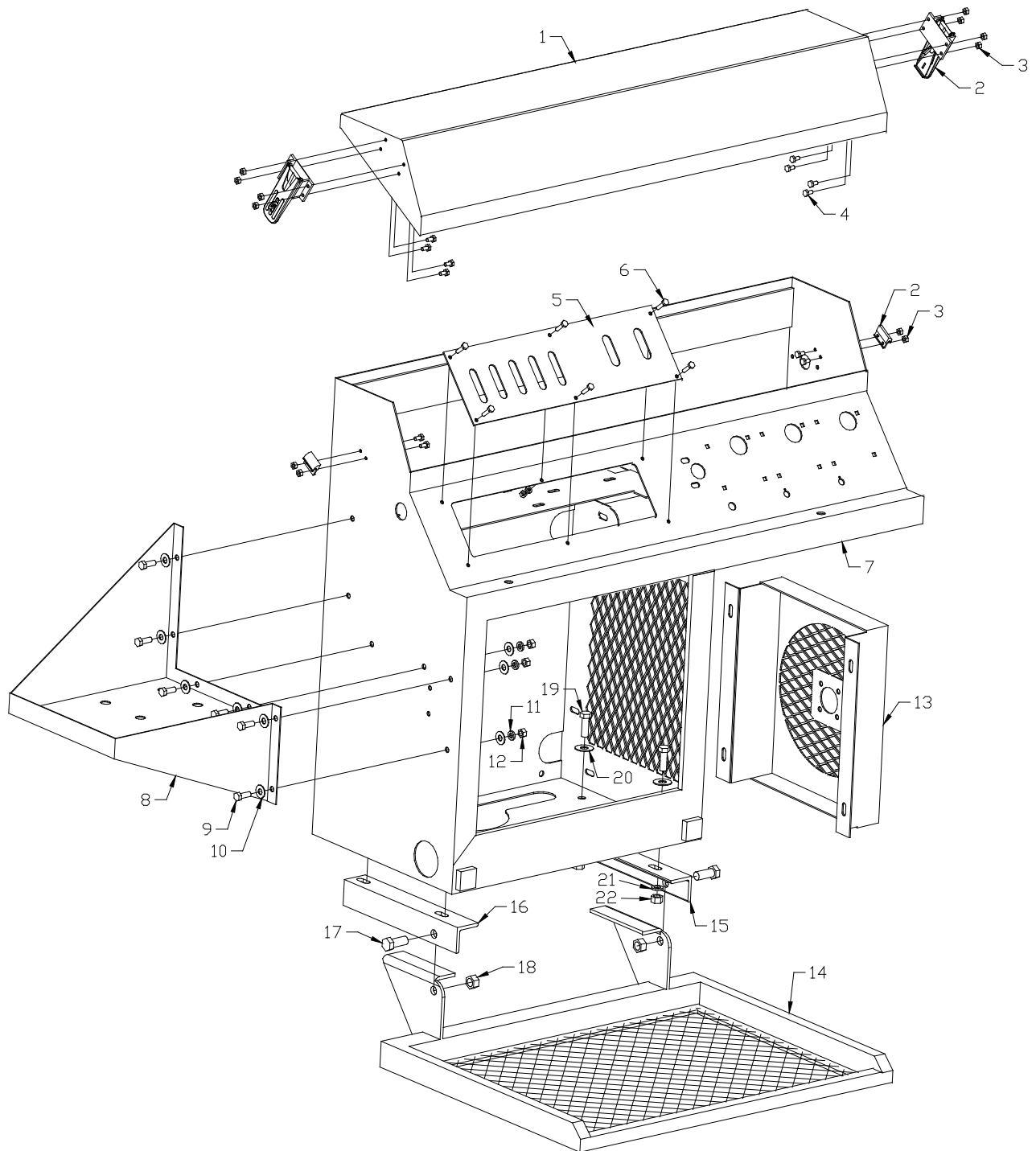


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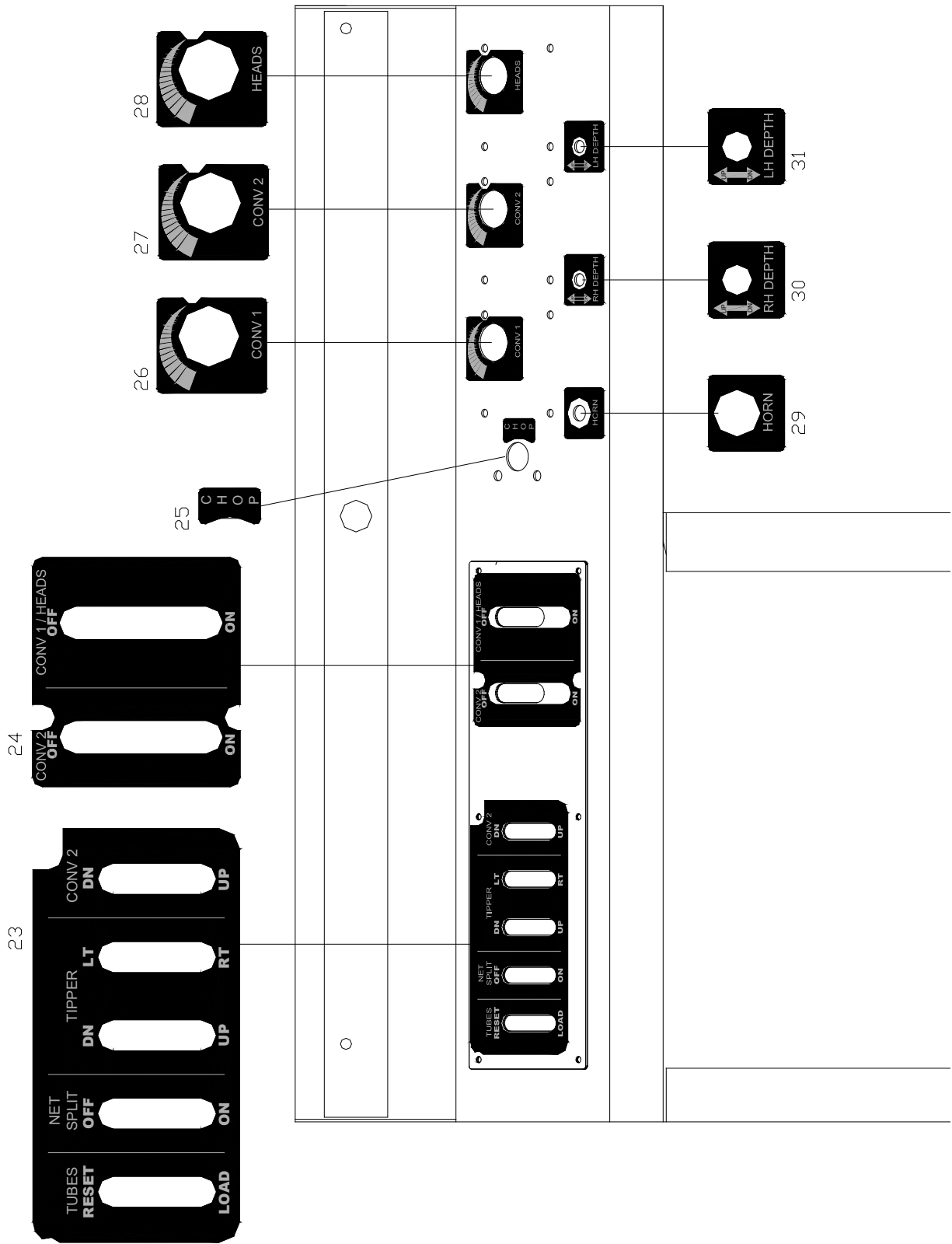
CONTROL PANEL

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CPB506	Cover
2	2	HC 1046 ZN	Latch assembly
3	12	37207	#10-24 Grade A Zinc Finish Steel Reverse Lock Nut
4	12	1128957	#10-24x1/2" Phillips Pan Head Zinc Steel Machine Screw
5	1	CPB508	Hydraulic control cover
6	6	13003	1/4"-20 x 3/4" Grade 5 Zinc Finish Hex Cap Screw
7	1	SRA-CPB500	Control panel box
8	1	480TB100	Tool tray
9	6	13105	3/8"-16 x 1" Zinc Finish SAE J429 Grade 5 Hex Cap Screw
10	6	33858	5/16" Thru-Hard Yellow Zinc Steel USS Flat Washer
11	6	33893	3/8" Yellow Zinc Finish High Alloy Medium Split Lock Washer
12	6	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
13	1	420CF100	Fan Shroud
14	1	SRA-CPB200	Operators Stand
15	1	SRA-CPB201R	Operators Stand Mount, Right
16	1	SRA-CPB201L	Operators Stand Mount, Left
17	2	13309	5/8"-11x1-1/2" Grade 5 Zinc Finish Hex Cap Screw
18	2	37272	5/8"-11 Grade C Zinc Finish Steel Top Lock Nut
19	4	13209	1/2"-13x1-1/2" Zinc SAE J429 Grade 5 Hex Cap Screw
20	4	33817	1/2" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
21	4	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
22	4	1136410	1/2"-13 Yellow Zinc Finish Grade 8 Finished Hex Nut
23	1	STKY	Control Panel Decal Tipper/Conv2
24	1	STKQ	Control Panel Decal Conv 2/Conv1/Heads
25	2	STKR	Control Panel Decal Chop
26	1	STKS	Control Panel Decal Conv 1 Speed
27	1	STKT	Control Panel Decal Conv 2 Speed
28	1	STKU	Control Panel Decal Heads Speed
29	1	STKV	Control Panel Decal Horn
30	1	STKW	Control Panel Decal RH Depth
31	1	STKX	Control Panel Decal LH Depth

CONTROL PANEL



CONTROL PANEL



[illegible]

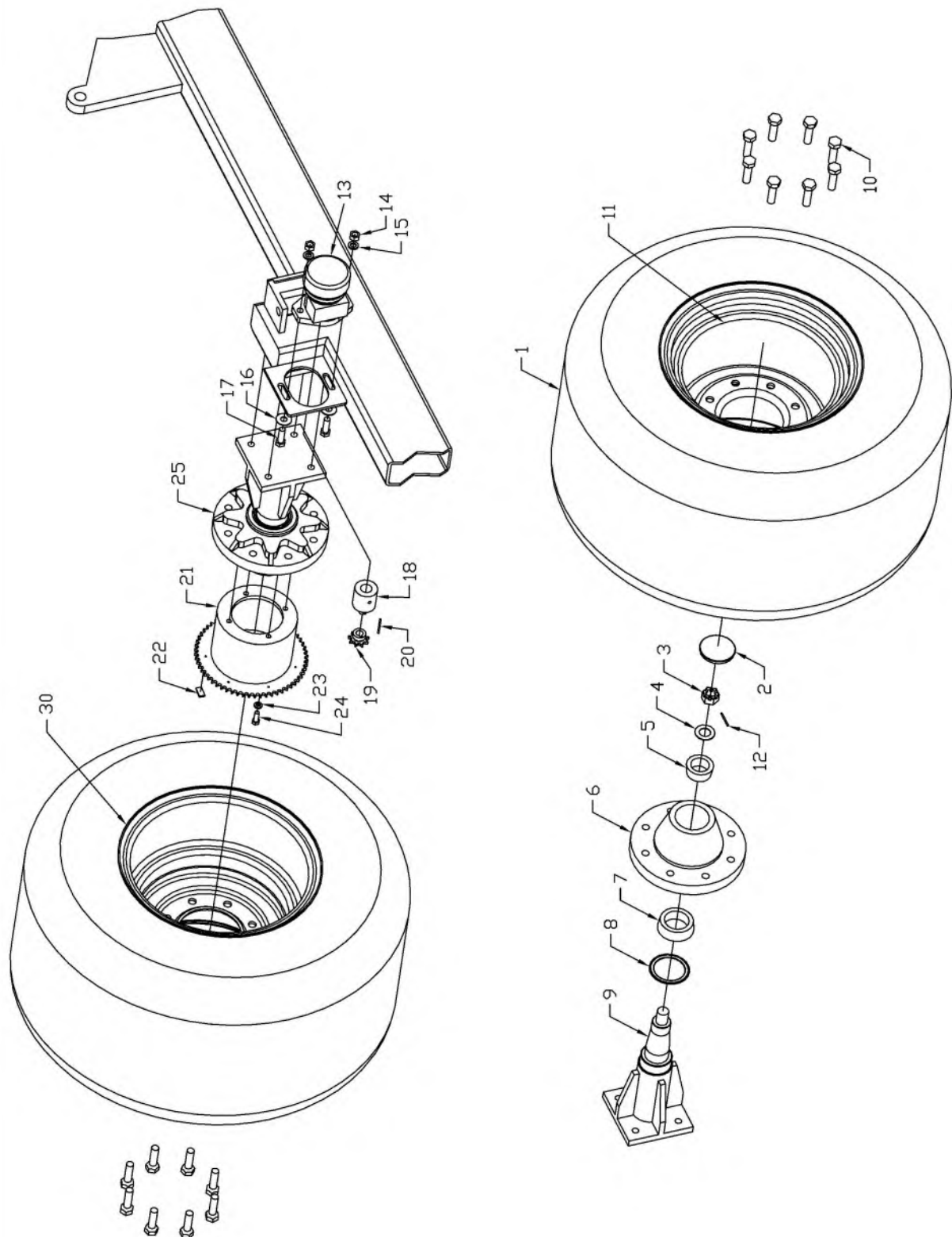
WHEEL/HUB & PULSE PICKUP

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	33X15.50-16.5	Tire
2	2	DU008	Dust cap
3	2	DU007-2	Spindle nut
4	2	DU006	Washer
5	2	DU003	Outer bearing
6	1	DU004-LH (Left side)	Hub
7	2	DU005	Inner bearing
8	2	DU002	Seal
9	2	W888A-480	Spindle
10	16	58LUG	Lug bolt
11	1	16.5X12 DC WHEELS	Rim
12	2	65078	Cotter pin
13	1	SRA-PP900 (See Note 1) SRA-PP901	Ground Speed Pulse Pickup
14	2	36310	1/2"-13 Zinc Finish Grade 5 Finished Hex Nut
15	2	33895	1/2" Yell Zinc Hi Alloy Med Split Lock Washer
16	2	33817	1/2" Thru-Hard Yellow Zinc SAE Flat Washer
17	2	13209	1/2"-13x1-1/2" Zinc SAE J429 Gr 5 Cap Screw
18	1	SRA-PP202	Sprocket Shaft (serial # earlier than 109)
	1	SRA-PP203	Sprocket Shaft (serial # 109 and later)
19	1	40BS9 5/8	Sprocket
20	1	3/16X0.625SQKEY	Key stock
21	1	SRA-PP200	Sprocket/Hub
22	7	10012	Magnet & rivet
23	4	33893	3/8" Yell Zinc Hi Alloy Med Split Lock Washer
24	4	13105	3/8"-16x1" Zinc SAE J429 Gr 5 Hex Cap Screw
25	1	SRA-PP201	Pulse Pickup Hub
26	1	SRA-PP400	Pulse Pickup Chain
27	1	40-2	Chain Master link
28	1	151-5663 MODIFIED (See Note 1) BES0146	Ground Speed Sensor
29	1	SRA-A1 (See Note 2) SRA-A1-2	Ground Speed Sensor Cable
30	1	SRA-WHR100	SRA WHEEL PULSE PICK UP

Notes:

1. Used only on machines up to serial number 106.
2. Used on machines up to serial number 106, and with SRA-A1-2 on serial number after 106.





WHEATBELLS

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AUTO STEER

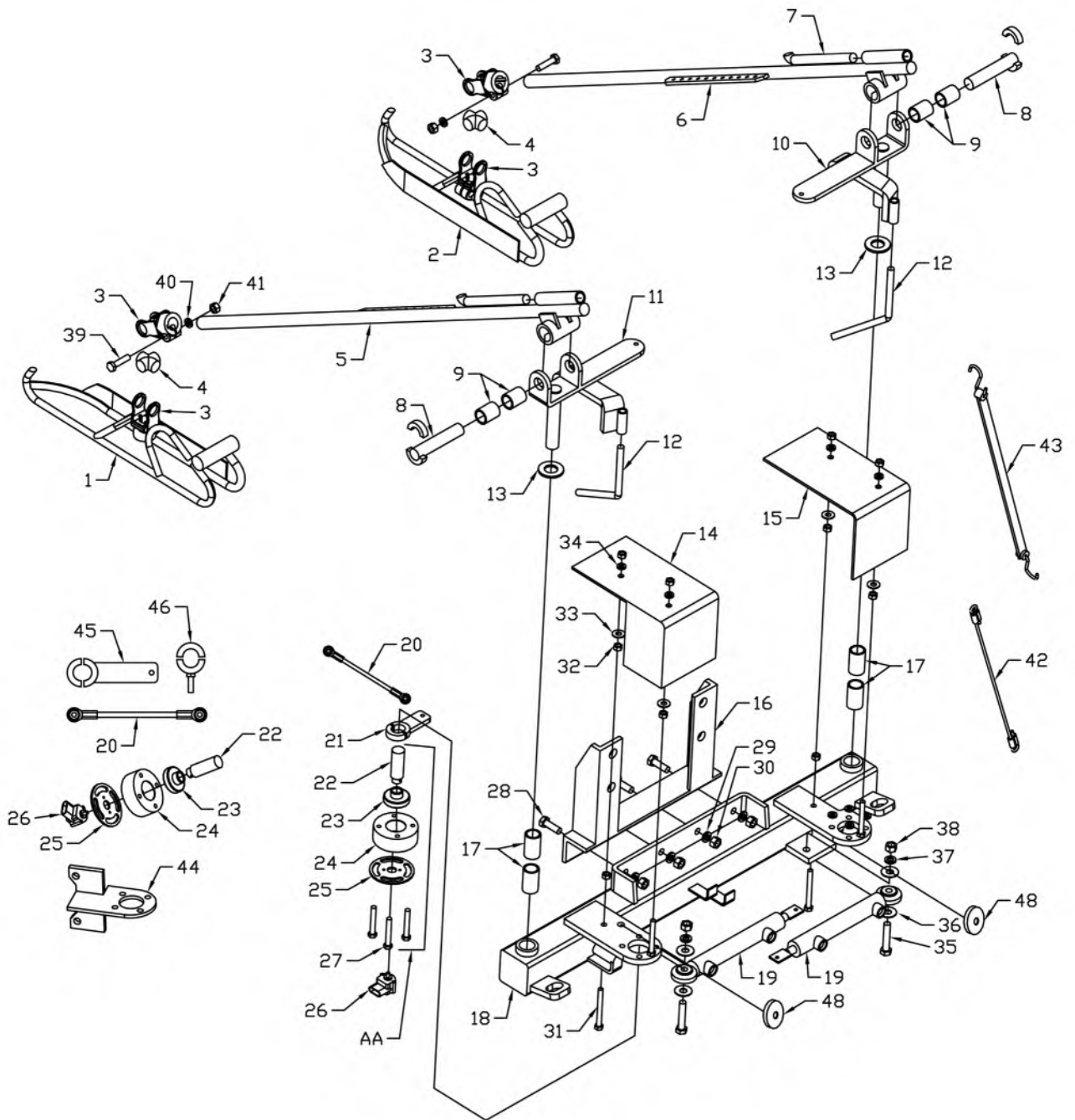
Parts List – VERSION 1 SERIAL NUMBER ENDING IN (100-114)

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AR-SS206L	Steering Shoe, Left
2	1	AR-SS206R	Steering Shoe, Right
3	4	DU0004	Yoke
4	2	DU0008	U-Joint
5	1	SRA-AS102L	Auto Steer Arm, Left
6	1	SRA-SA102R	Auto Steer Arm, Right
7	2	SRA-AS209	Auto Steer Arm Locking Pin
8	2	SRA-AS211	Auto Steer Arm Pivot Pin
9	4	EP1620-16	Bushing
10	1	SRA-AS203R	Auto Steer Arm Pivot, Right
11	1	SRA-AS203L	Auto Steer Arm Pivot, Left
12	2	SRA-AS210	Cable Guide
13	2	33805	1" Thru-Hardened Plain Finish Steel SAE Flat Washer
14	1	SRA-AS202	Shield
15	1	SRA-AS201	Shield
16	1	XXXXSRA-AS101	Auto Steer Mounting Bracket
17	4	Ep162024	Bushing, 1"ID X 1 1/4"OD X 1 1/2" long
18	1	SRA-AS100	Auto Steer Mount
19	2	SRA-AS400	Hydraulic Lift Cylinder
20	3	SRA-AS207	Sensor Linkage
21	2	SRA-AS200	Sensor Linkage
22	2	1P003	Bearing Housing
23	2	YA100RR	Bearing
24	2	RSP101	Sensor Shaft
25	2	RSP100	Sensor Mounting Plate
26	2	9902045CW	Rotary Position sensor
27	8	13113	3/8"-16 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
	8	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
	8	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
28	4	13209	1/2"-13x1-1/2" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
29	4	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
30	4	1136410	1/2"-13 Yellow Zinc Finish Grade 8 Finished Hex Nut
31	2	13117	3/8"-16 x 3-1/2" Grade 5 Zinc Finish Hex Cap Screw
32	10	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
33	4	33859	3/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
34	4	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
35	2	13213	1/2"-13 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
36	4	33817	1/2" Thru-Hard Yellow Zinc Finish Steel SAE Flat Washer
37	2	33895	1/2" Yellow Zinc Finish High Alloy Med Split Lock Washer
38	2	1136410	1/2"-13 Yellow Zinc Finish Grade 8 Finished Hex Nut
39	4	13159	7/16"-14 x 1-1/2" Grade 5 Zinc Finish Hex Cap Screw
40	4	33894	7/16" Yellow Zinc High Alloy Med Split Lock Washer
41	4	36308	7/16"-14 Zinc Finish Grade 5 Finished Hex Nut
42	2	SRA-AS208	Lift Cable
43	2	BUN100	Poly strap Bungee
44	1	XXXXSRA-AS206	Axle Sensor Mount
45	1	XXXXSRA-AS213	Axle Sensor Linkage
46	1	XXXXSRA-AS214	Axle Sensor Linkage
47	2	SC100	Split Collar
48	2	00208	Pulley

Repair Kits & Assemblies

AA	1	RSP900	ROTARY POSITION SENSOR HOUSING ASSEMBLY
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— AUTO STEER —

Parts List – VERSION 2 SERIAL NUMBER ENDING IN (115-CURRENT)			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	5425SRA-AS101	AUTOSTEER TRACTOR MOUNT
2	1	SRAG2-AS100	AUTOSTEER MOUNT
3	1	SRAG2-AS102	AUTOSTEER CAM, LHS
4	1	SRAG2-AS101	AUTOSTEER CAM, RHS
5	2	RSP100	ROTARY SENSOR PLATE
6	2	9902045CW	ROTARY POSITION SENSOR 45 DEGREE
7	2	1P003	BEARING BLOCK
8	2	SRAG2-AS103	AUTO STEER ARM MNT
9	4	DU0004	U- JOINT YOKE
10	2	DU0008	U- JOINT BEARING
11	1	AR-SS206L	STEERING SHOE, LEFT
12	1	SRAG2-AS105	AUTOSTEER ARM, LHS
13	2	SRA-AS213	TRACTOR MNT 1/2" SPACER
14	2	SRA-AS214	TRACTOR MNT 1" SPACER
15	1	AR-SS206R	STEERING SHOE, RIGHT
16	4	BUN100 SRA AUTO STEER	RED BUNGEE
17	2	1A900	CHAIN
18	1	SRA-AS201	AUTOSTEER SHIELD
19	1	SRAG2-AS104	AUTOSTEER ARM, RHS
20	1	SRA-AS202	AUTO STEER SHIELD
21	2	RSP101	ROTARY SENSOR SHAFT
22	2	IN-RL203	ROLL LIFT PIN LOCKING TAB
23	4	0154050	M20-2.5 X 100mm CAPSCREW PT
24	2	9546K53	BUMPER
25	2	SRAG2-AS200	AUTOSTEER SENSOR LINKAGE
26	2	SRAG2-AS106	AUTOSTEER CAM PIVOT PIN
27	2	SRAG2-AS108	AUTOSTEER ARM PIVOT PIN
28	2	SRAG2-AS300	AUTOSTEER ARM LIFT CYLINDER
29	2	SRA-AS200	AUTO STEER SENSOR ARM
30	2	YA100RR	25mm BALL BEARING
31	6	65036	3/32" X 1" COTTER
32	2	0165378	7/32" X 3" COTTER PIN
33	4	60105	1/4"-28 GREASE FITTING, ST
34	4	CW-5	5/16"-24 FEMALE ROD END
35	4	13059	5/16"-18 X 1 1/2" CAPSCREW PT
36	4	36304	5/16"-18 HEX NUT
37	4	33892	5/16" LOCK WASHER
38	12	33858	5/16" FLAT WASHER
39	4	13161	7/16"-14 X 2" CAPSCREW



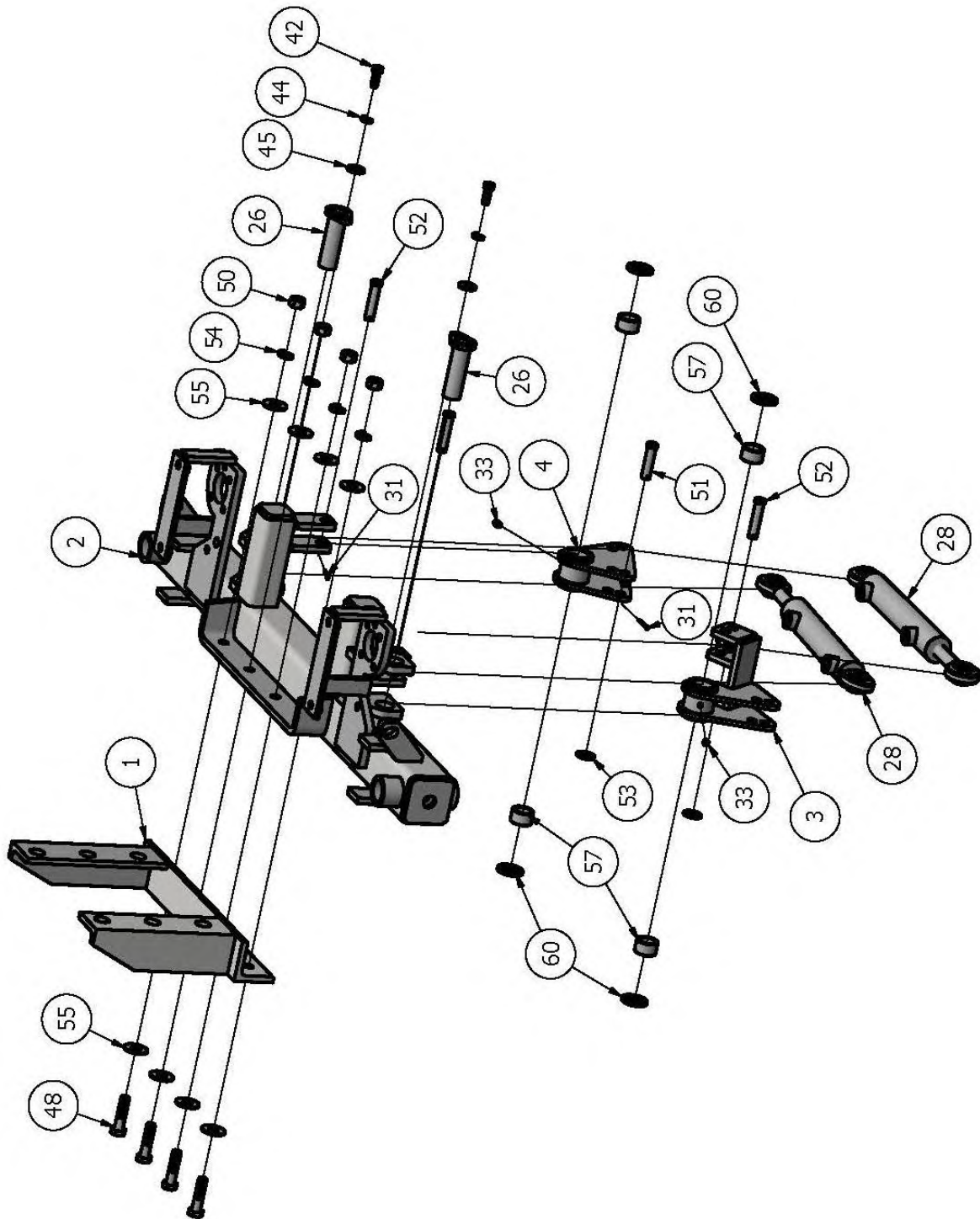
— AUTO STEER —

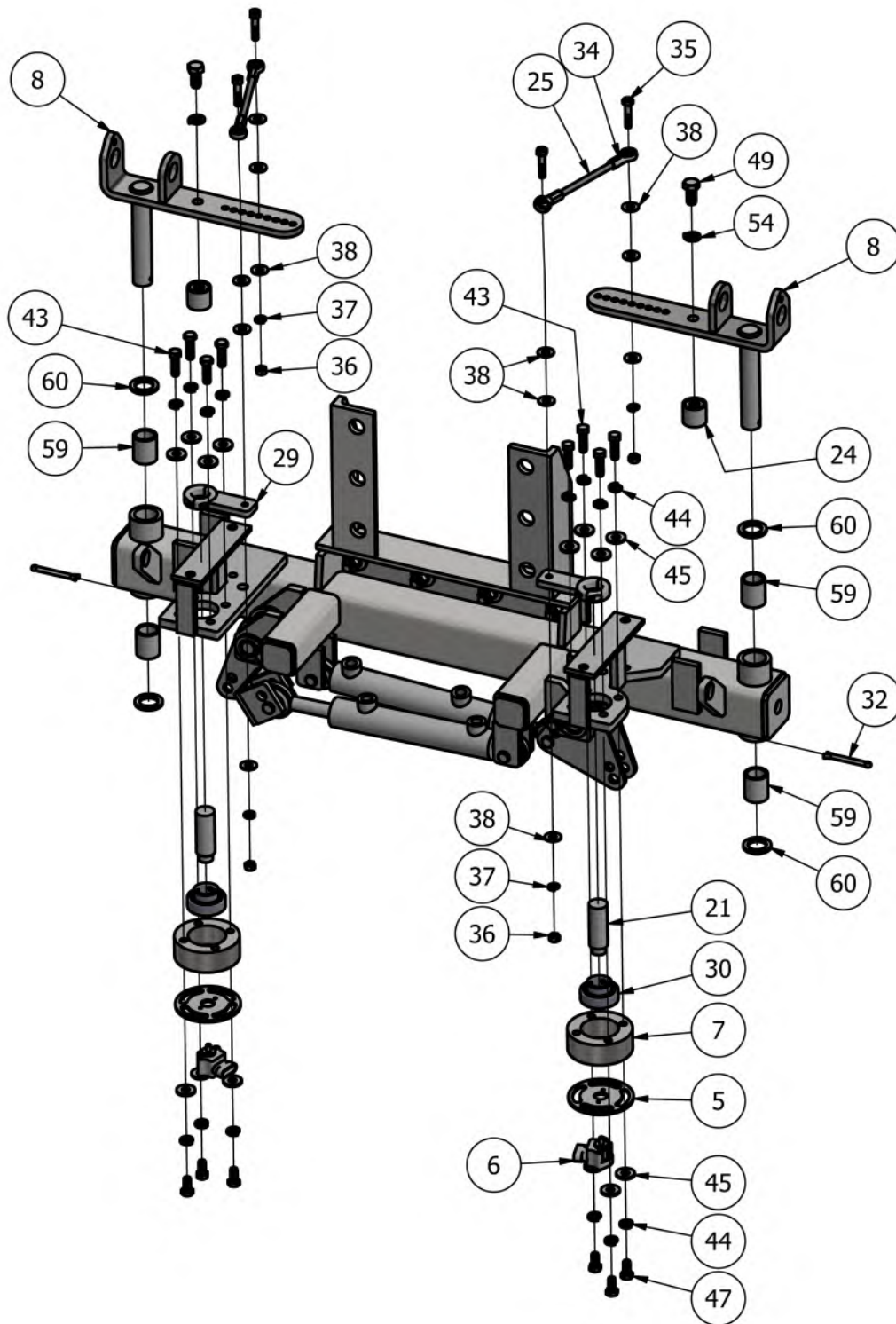
Parts List

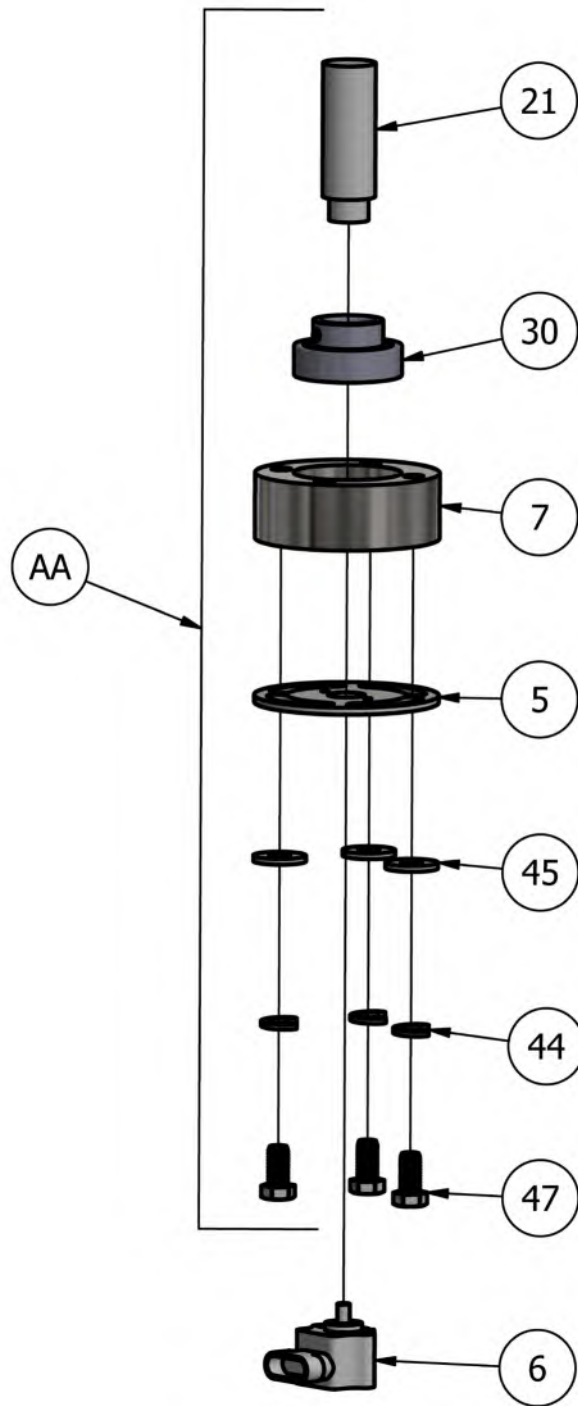
ITEM	QTY	PART NUMBER	DESCRIPTION
40	4	36308	7/16"-14 HEX NUT
41	4	33894	7/16" LOCK WASHER
42	10	13105	3/8"-16 X 1" CAPSCREW
43	8	13107	3/8"-16 X 1 1/4" CAPSCREW
44	22	33893	3/8" LOCK WASHER
45	22	33859	3/8" FLAT WASHER
46	2	3583T81	3/8" CHAIN SHACKLE
47	6	13103	3/8"-16 X 3/4" CAPSCREW
48	4	13211	1/2"-13 x 2" CAPSCREW PT
49	2	13205	1/2"-13 X 1" CAPSCREW
50	4	36310	1/2"-13 HEX NUT
51	3	0156771	1/2" X 2" CLEVIS PIN
52	3	0156772	1/2" X 2 1/4" CLEVIS PIN
53	6	33817	1/2" SAE WASHER
54	6	33895	1/2" LOCK WASHER
55	8	33861	1/2" FLAT WASHER
56	2	98480A562	1/2" DIA X 3" LOCKING PIN
57	4	EP1620-12	1"ID X 1 1/4" OD X 3/4" LG BRONZE BUSHING
58	4	EP1620-16	1"ID X 1 1/4" OD X 1" LG BRONZE BUSHING
59	4	EP162024	1"ID X 1 1/4" OD X 1 1/2" LG BRONZE BUSHING
60	8	33446	1"-10 GA WASHER
61	4	40389	M20 FLAT WASHER
62	4	91202A257	M20 LOCK WASHER

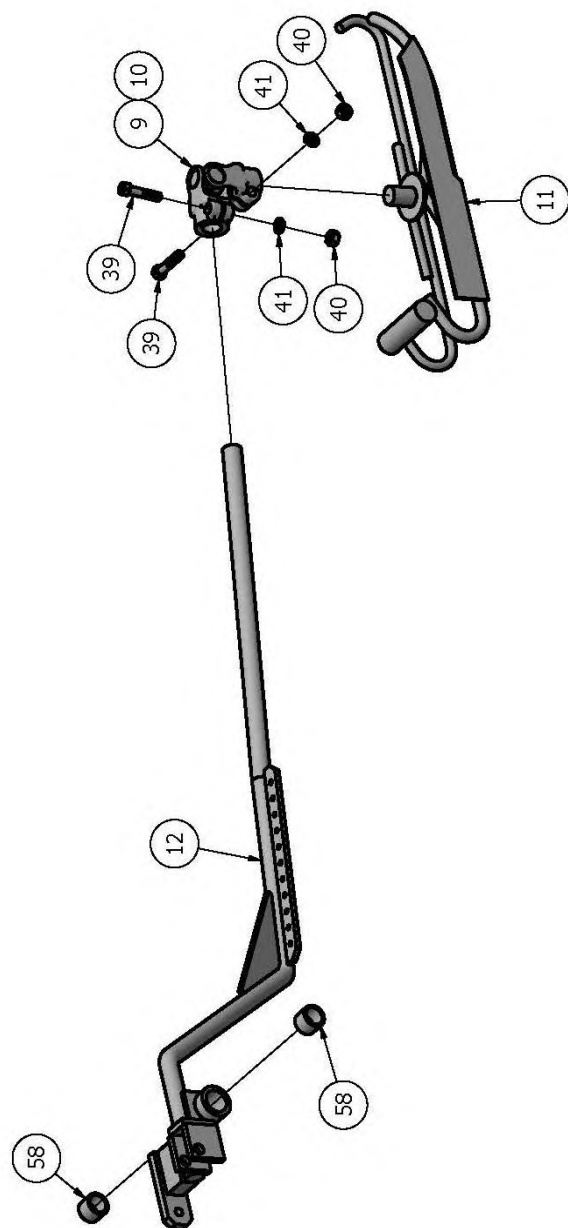
Repair Kits & Assemblies

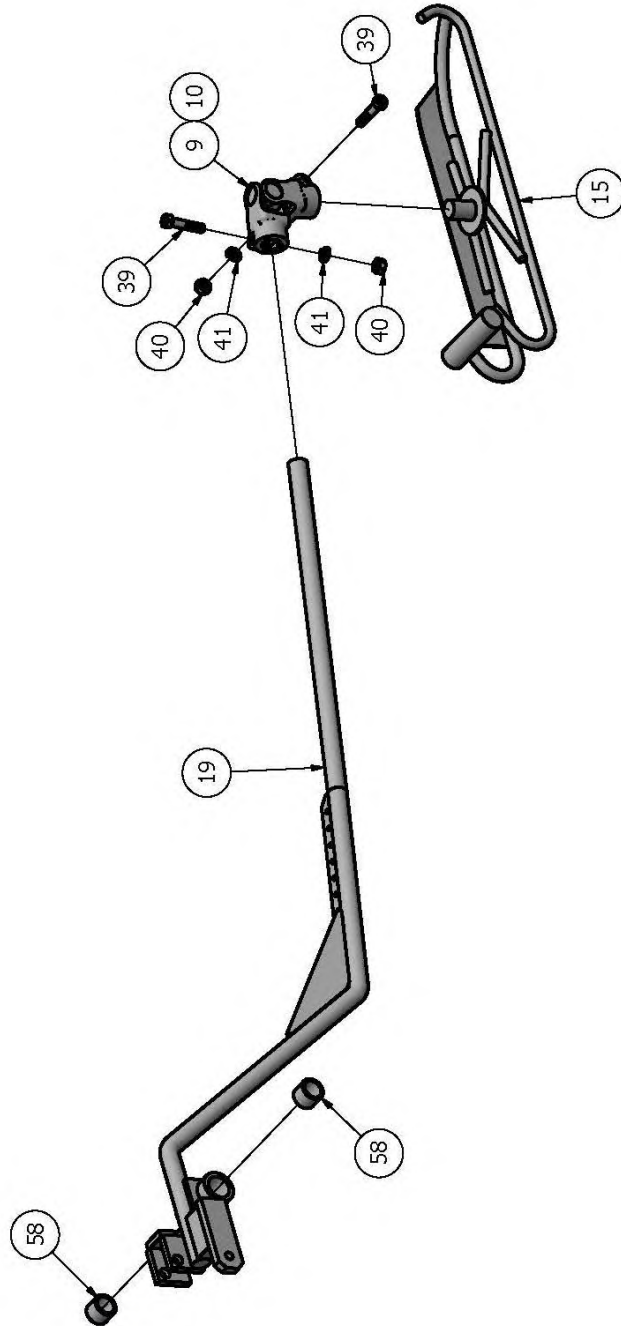
AA	1	RSP900	ROTARY POSITION SENSOR HOUSING ASSEMBLY
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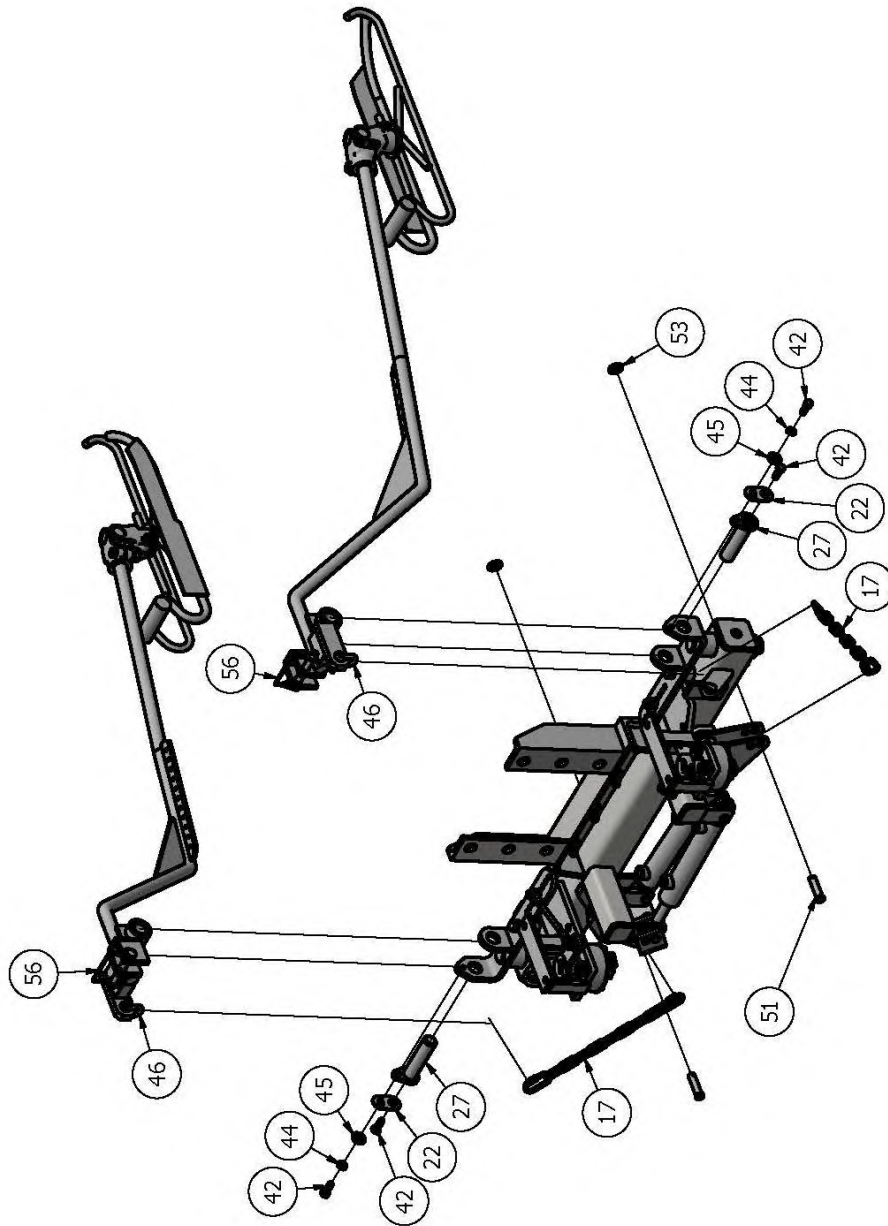


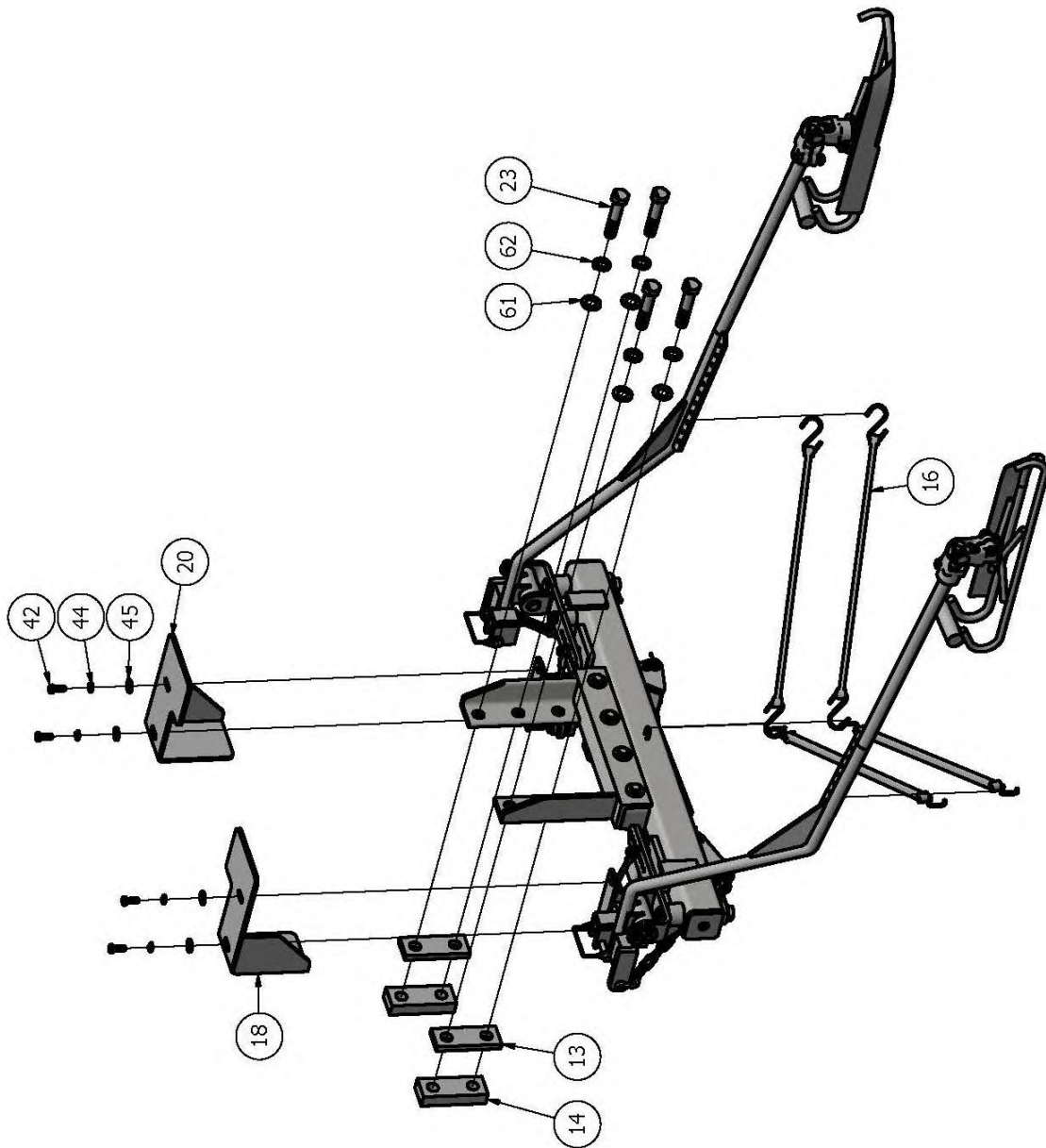












AUTO STEER

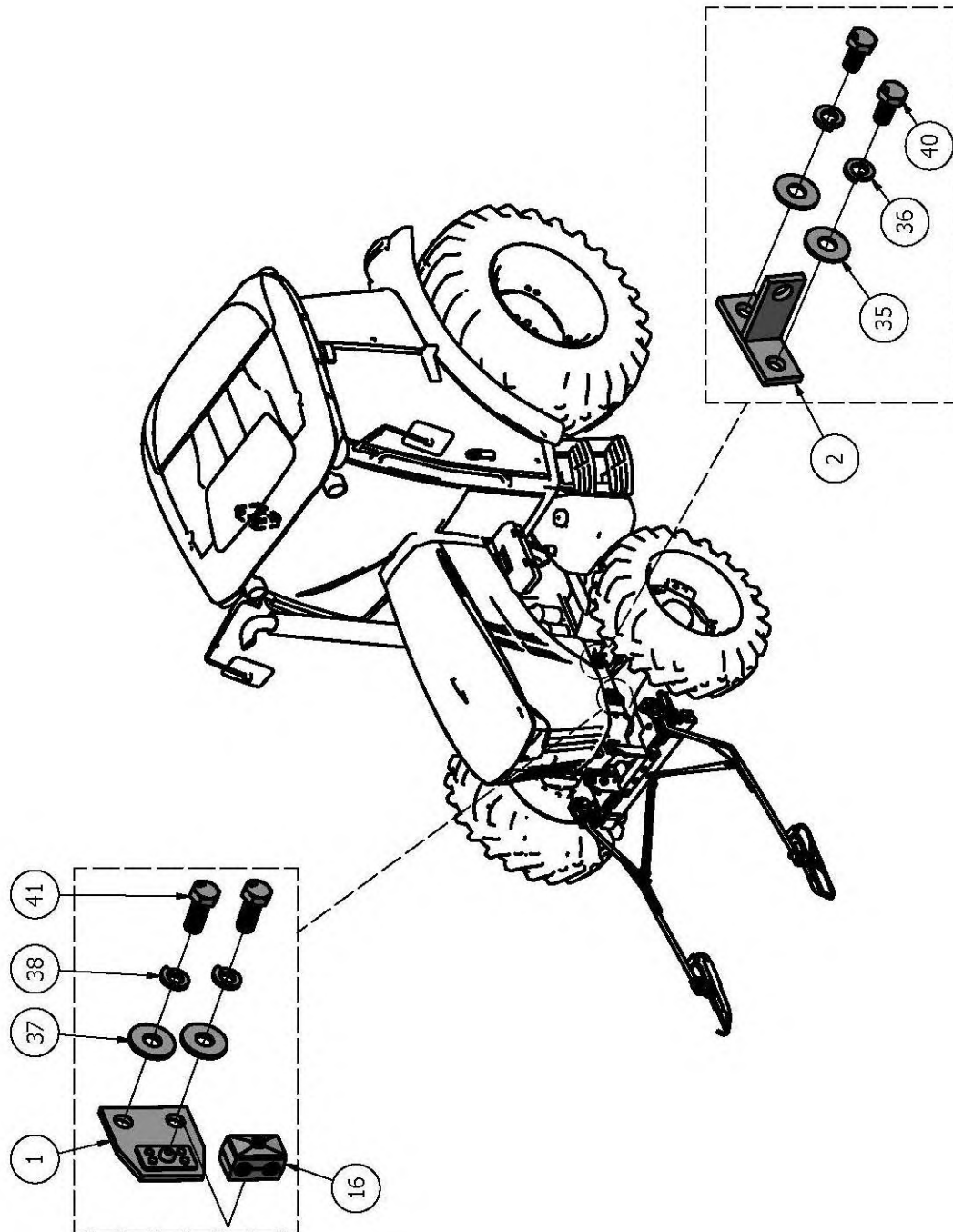
Parts List

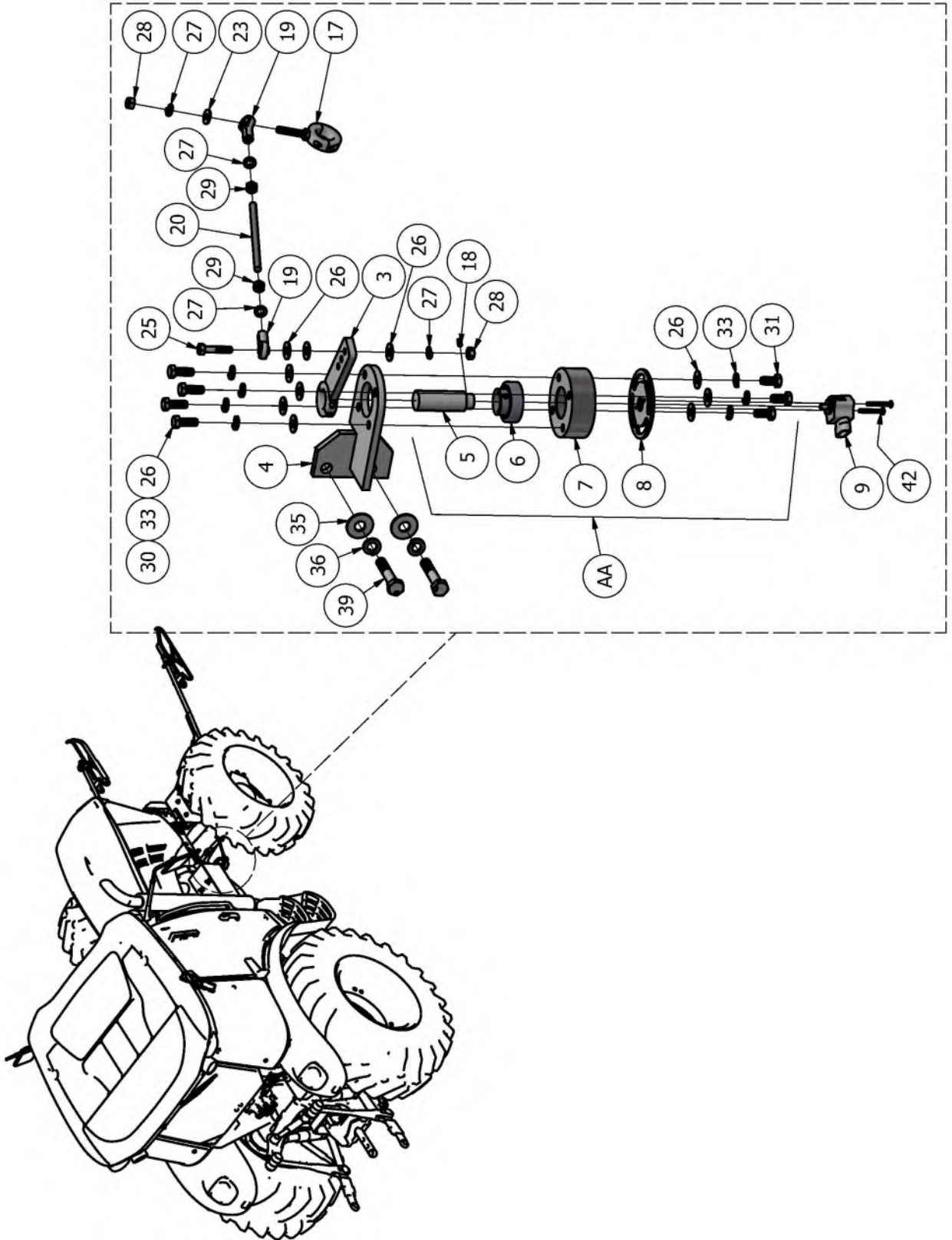
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	5085MSRA-AS204	HYD HOSE MNT FOR TRACTOR
2	2	SRAG2-AS107	Autosteer hose mnt
3	1	5425SRA-AS213	AUTO STEER RPS ARM FOR AXLE SENSOR
4	1	5085MSRA-AS203	AUTO STEER SENSOR MNT
5	1	RSP101	ROTARY SENSOR SHAFT
6	1	YA100RR	Timken Bearing for RPS
7	1	1P003	BEARING BLOCK
8	1	RSP100	ROTARY SENSOR PLATE
9	1	9902045CW	ROTARY POSITION SENSOR 45 DEGREE
10	1	5425SRA-AS205	AUTO STEER HYD. SHIELD
11	1	5085MSRA-202	AUTO STEER HYD SHIELD MNT
12	1	SA-2313	DUAL COUNTERBALANCE VALVE
13	1	5085MSRA-AS201	AUTO STEER HYD MNT BRKT
14	1	760-0005	STEERING VALVE
15	1	5085MSRA-AS200	OUTBACK VLV MNT
16	2	HYDMNT001	TWIN CLAMP, 1/4" HOSE / 5/8" TUBE
17	1	5425SRA-AS214	AXLE SENSOR LINKAGE
18	1	1125218	10-24 X 3/8"
19	2	CW-5	5/16"-24 FEMALE ROD END
20	1	SRA-AS207	AUTOSTEER SENSOR LINKAGE
21	2	13012	1/4"-20 X 2 1/4" CAPSCREW PT
22	2	33618	1/4" LOCK WASHER
23	7	33004	1/4" FLAT WASHER
24	4	36302	1/4"-20 HEX NUT
25	1	13059	5/16"-18 X 1 1/2" CAPSCREW PT
26	14	33858	5/16" FLAT WASHER
27	4	33892	5/16" LOCK WASHER
28	2	36304	5/16"-18 HEX NUT
29	2	1136454	5/16"-24 HEX NUT
30	4	13105	3/8"-16 X 1" CAPSCREW
31	3	13103	3/8"-16 X 3/4" CAPSCREW
32	2	13119	3/8"-16 X 4" CAPSCREW PT
33	9	33893	3/8" LOCK WASHER
34	2	36306	3/8"-16 HEX NUT
35	6	33861	1/2" FLAT WASHER
36	6	33895	1/2" LOCK WASHER
37	4	33863	5/8 FLAT WASHER
38	4	33897	5/8" LOCK WASHER
39	2	38716	M12-1.75 X 65
40	4	38705	M12-1.75 X 25
41	4	38784	M16-1.5 X 40
42	2	28909	#8-32 x 1-1/4 MACHINE SCREW

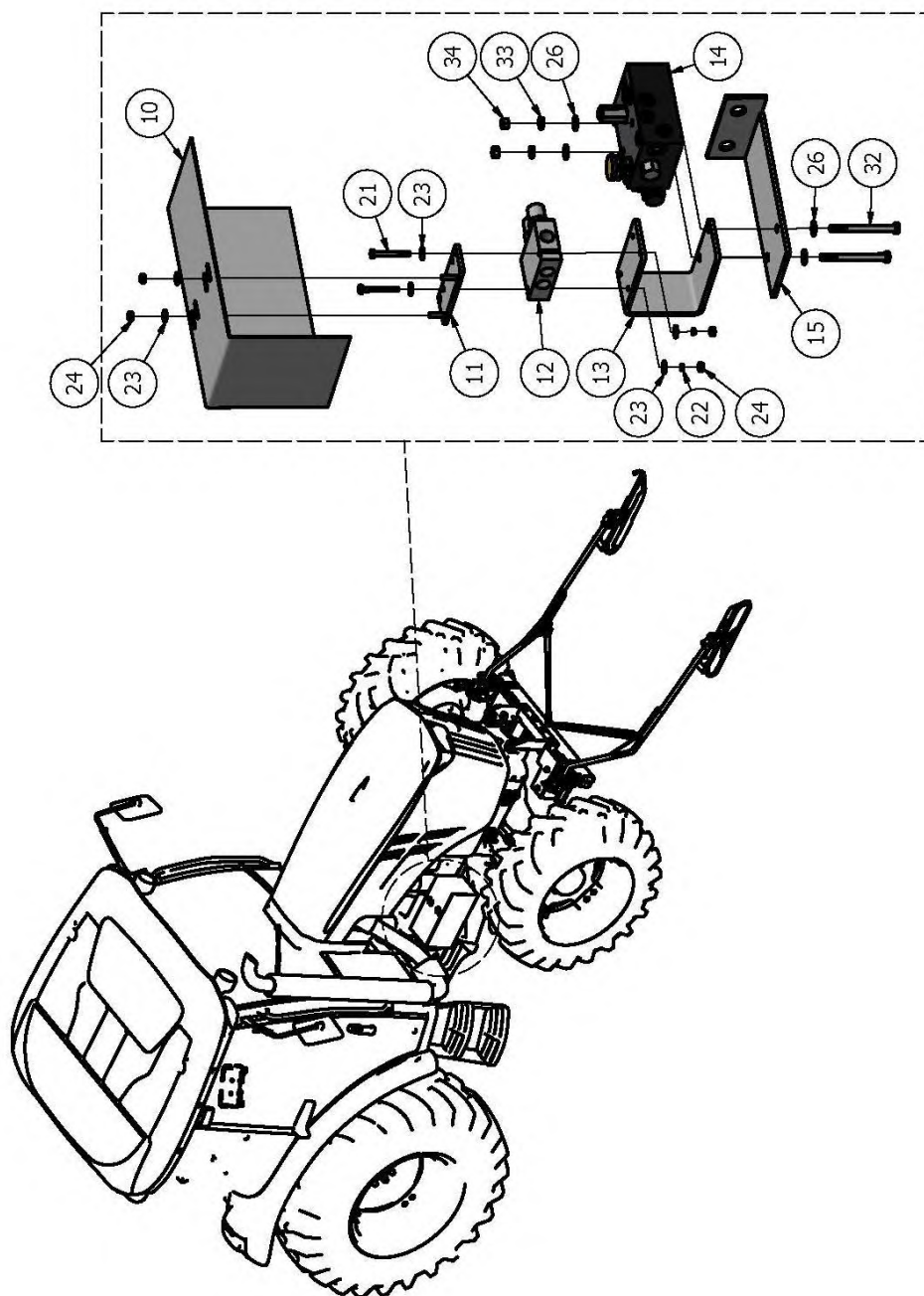
Repair Kits & Assemblies

AA	1	RSP900	ROTARY POSITION SENSOR HOUSING ASSEMBLY
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_____ **A | | O | | S | | E | | R** _____

This image shows a full page of blank, lined paper. It features approximately 28 horizontal black lines spaced evenly across the page, typical of notebook paper. The lines are thin and extend from the left edge to the right edge. There are no margins, text, or other markings on the page.

HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CVA-1289 KIT	Selector valve assy
2	1	FV-7359-D	Return manifold (includes check valve)
3	1	RV-1378	Reservoir assy
4	1	H1001-B	Hydraulic increaser
4A	1	HP001-TPSDARSR	Pump
5	1	TF-1530-3	Strainer
6	1	HF001	Street elbow
7	1	HF003	Pipe nipple
8	1	HF001	Street elbow
9	1	HF004	Ball valve
10	1	STC-2520	Barb fitting
11	1	HSR-1	Hose assy
12	1	480HL100	Suction pipe
13	1	2404-16-24	Fitting
14	1	2404-20-24	Fitting
15	1	HSR-8	Hose
16	1	HSR-7	Hose
16A	1	HSR-8	Hose
16B	1	H-1-48	Hose
17	1	6801-20-16	Fitting (forged)
18	1	6801-16-16	Fitting (forged)
19	1	6801-12-12	Fitting (forged)
20	1	6801-16-12	Fitting (forged)
21	1	T-200	Tube
22	1	T-20	Tube
23	1	HSR-10	Hose assy
24	1	HSR-11	Hose assy
25	1	6400-10-10	Fitting (forged)
26	1	6801-12-12	Fitting (forged)
27	1	GS02-30-20-N	Chop valve actuator
28	1	480CO114	Chop valve actuator knob
29	1	6801-06-06	Fitting
30	1	HSR-30	Hose assy
31	1	FG6400-06-06	Fitting
32	1	FG6500-06-06	Fitting (forged)
33	1	6801-06-06	Fitting
34	1	FG6500-06-06	Fitting (forged)
35	1	HSR-41	Hose assy
36	1	BE-24	Tube
37	1	HSR-39	Hose assy
38	4	6400-16-16	Fitting (forged)
39	2	660884	Chop cylinder
40	1	H14516 (300 & 420) 16MB-16FJ (480)	Fitting (forged)
41	1	HSR-9	Hose assy
42	1	2501-16-20	Fitting (forged)

HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
43	1	A13100	Accumulator
44	1	HSR-5	Hose assy
45	1	RST 4604-16-16-R.250	Fitting (includes 0.025 in. orifice)
46	1	FV-7503-CDJNN	Chop valve assy
47	1	HSR-39	Hose assy
48	1	BE-24	Tube
49	1	HSR-46	Hose assy
50	1	FG6602-06-06-06	Fitting
51	1	FG2406-10-06	Fitting
52	1	FG6602-10-10-10	Fitting (forged)
53	1	6400-10-10	Fitting (forged)
54	1	HSR-44	Hose assy
55	1	HSR-35	Hose assy
56	1	FG6501-06-06	Fitting (forged)
57	1	FG2650-06-06-06-06	Fitting (forged)
58	1	FG4503-16-16	Fitting (forged)
59	1	6801-06-04	Fitting (forged)
62	1	6801-06-04	Fitting (forged)
63	1	DS80-X 151-2302 (opt. on solid heads) 151F2316 (opt. on 30 solid heads)	Hydraulic motor
64	1	6400-10-10	Fitting
65	1	FG6502-10-10	Fitting
66	1	HSR-25	Hose assy
67	1	BE-D2	Tube assy
68	1	FG2403-10-10	Fitting
69	1	HSR-20	Hose assy
70	1	FG6202-10-10-10	Fitting
71	1	FG6400-10-08	Fitting
72	1	RVPP10NS8TA 30/10	Blue Pressure Relief Valve
72A	1	RVPP10-NS0-3010	Pressure Relief Valve Cartridge
73	1	FG6400-10-08	Fitting
74	1	FG6202-10-10-10	Fitting
75	1	HSR-19	Hose assy
76	1	FG2403-10-10	Fitting
77	1	BE-D2	Hose assy
78	1	HSR-25	Hose assy
79	1	FG6502-10-10	Fitting (forged)
80	1	6400-10-10	Fitting
81	1	FV-6975-GGJ-BECI	Flow control assy
82	1	6400-10-10	Fitting
83	1	HSR-29	Hose assy
84	1	6400-10-10	Fitting
85	1	HSR-23	Hose assy
86	1	HSR16	Hose assy
87	1	HSR-15	Hose assy



HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
88	1	6400-10-10	Fitting
89	1	FV-6975-GGJ-BECI	Flow control assy
90	1	HSR-14	Hose assy
91	1	6400-10-10	Fitting
92	1	11110513	Hydraulic motor
93	1	1910R	Check valve
94	1	6400-10-10	Fitting
95	1	6400-10-10	Fitting
96	1	HSR-24	Hose assy
97	1	6400-10-10	Fitting
98	1	6400-10-10	Fitting
103	1	6400-10-10	Fitting
104	1	DS200-X	Hydraulic motor
105	1	6400-10-10	Fitting
106	1	FG6500-10-10	Fitting (forged)
107	1	HSRA-1	Hose assy
108	1	FG6500-10-10	Fitting (forged)
109	1	6400-10-10	Fitting
110	1	11110513	Hydraulic motor
111	1	FV-6975-GGJ-BECI	Flow control assy
112	1	FG6801-06-04	Fitting (forged)
113	1	HSR-36	Hose assy
114	1	FG2650-06-06-06-06	Fitting (forged)
115	1	FG6501-06-06	Fitting (forged)
116	1	6400-10-10	Fitting
117	1	FG6500-10-10	Fitting (forged)
118	1	HSR-17	Hose assy
119	1	FG6502-10-10	Fitting (forged)
120	1	FG2500-10-10	Fitting (forged)
121	1	BE-A1	Tube
122	1	HSR-22	Hose assy
123	1	FG6502-10-10	Fitting (forged)
124	3	6400-10-10	Fitting
125	1	FG6502-10-10	Fitting (forged)
126	1	FG6500-10-10	Hose assy
127	1	HSR-31	Hose assy
128	1	HSRA-2	Hose assy
129	1	HSR-26	Hose assy
130	1	6400-10-08	Fitting
131	1	6400-10-10	Fitting
132	1	CVA-1284 KIT	PVG Valve Body
133	1	6400-10-10	Fitting



HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
134	1	6602-10-10-10	Fitting
135	1	FG6500-10-10	Fitting
136	3	FG6505-10-08	Fitting
137	2	EDC-30S	Check Valve
138	3	2404-10-8	Fitting
139	1	FG6502-10-10	Fitting
140	1	6400-06-10	Fitting
141	1	HSR-45	Hose assy
142	1	FG2404-06-06	Fitting
143	1	6400-06-10	Fitting
144	1	FG6602-06-06-06	Fitting
145	1	6505-06-04	Fitting
146	1	PIDC25S	Check valve
147	1	FG2404-06-06	Fitting
148	1	HSR-47	Hose assy
149	1	6400-06-10	Fitting
150	1	HSRA-4	Hose assy
151	1	FG6400-06-06	Fitting
152	1	FG6400-06-06	Fitting
153	1	LB10503A	Red Pressure Relief Valve
153A	1	A02B2FZN	Pressure Relief Valve Cartridge
154	1	HSRA-5	Hose assy
155	1	FG6602-06-06-06	Fitting
156	1	HSR-48	Hose assy
157	2	BE-B1	Tube
158			
159	1	FG2403-06-06	Fitting
160	1	FG6602-06-06-06	Fitting (forged)
161	1	FG6500-06-06	Fitting (forged)
162	1	HSR-43	Hose assy
163	1	HSR-40	Hose assy
164	1	FG2404-06-06	Fitting
165	1	HSR-38	Hose assy
166	1	HSR-37	Hose assy
167	2	022633	Hydraulic cylinder
168	1	HSR-50	Hose assembly
169	1	FG6400-06-04	Fitting
170	1	1300100	Cooling fan hydraulic motor
170A	1	1300100-F	Cooling fan
170B	1	1300100-FC	Cooling fan torque adapter
171	1	6400-06-10	Fitting
172	1	HSR-34	Hose assy
173	1	6400-06-10	Fitting
174	1	6400-10-10	Fitting
175	1	FG6602-10-10-10	Fitting
176	1	FG2406-10-06	Fitting



HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
177	1	HSR-33	Hose assy
178	1	6400-06-10	Fitting
179	1	FG6400-10-12	Fitting
180	1	HSRA-6	Hose Assy
181	1	FG4601-20-20	Fitting
182	1	HSR-3	Hose assy
183	1	FG4501-20-16	Fitting
184	1	65032-2	Oil cooler
185	1	FG4501-20-16	Fitting
186	1	HSR-2	Hose assy
187	1	FG4503-20-20	Fitting
188	1	4444-20-20	Fitting
189	1	HSR-4	Hose assy
190	1	4444-20-20	Fitting
191	1	FG5504-20-20	Fitting (forged)
192	1	5400-N-20-3.0	Pipe
197	1	FG6502-10-10	Fitting (forged)
198	1	1910R	Check Valve
199	1	151-3442-X	Hydraulic motor
200	1	6400-10-10	Fitting
201	1	FG6502-10-10	Fitting (forged)
204	2	6400-06-10	Fitting
205	2	HSRA-7	Hose assy
206	1	CP220-1-8S	Pressure Relief Valve
207	2	A04B2HZN	Pressure Relief Valve Cartridge
208	4	6400-06-08	Fitting
209	2	HSRA-8	Hose assy
210	2	FG6400-06-06	Fitting
211	1	9-7257-4	Hydraulic Cylinder
216	2	SRA-AS400	Hydraulic Cylinder
217	2	6401-06-04	Fitting
218	2	6804-06-06-06	Fitting
219	4	2406-06-06-RST-031	Orifice Fitting
220	2	PIC20S	Check Valve
221	2	HSRA-10	Hose assy

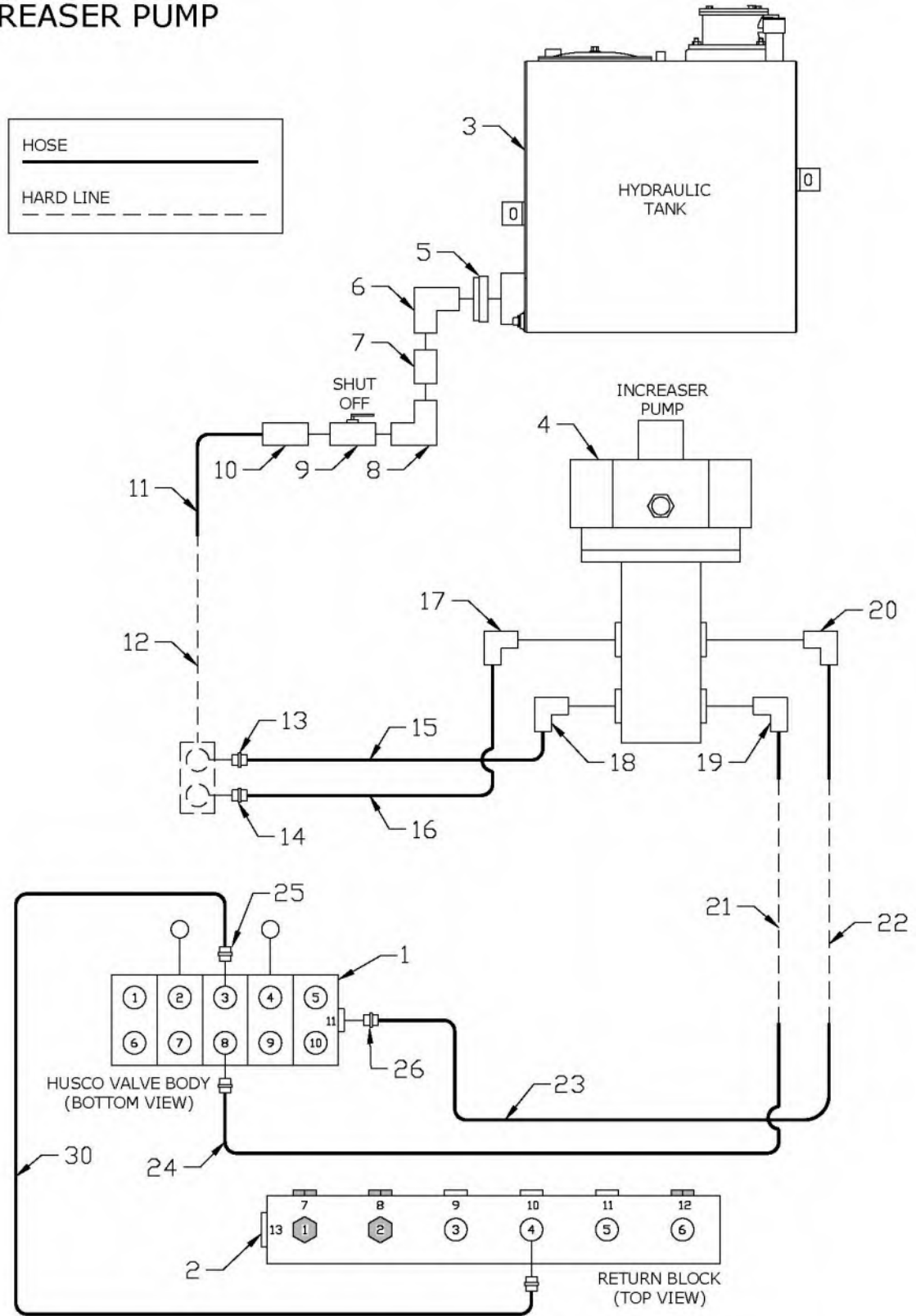


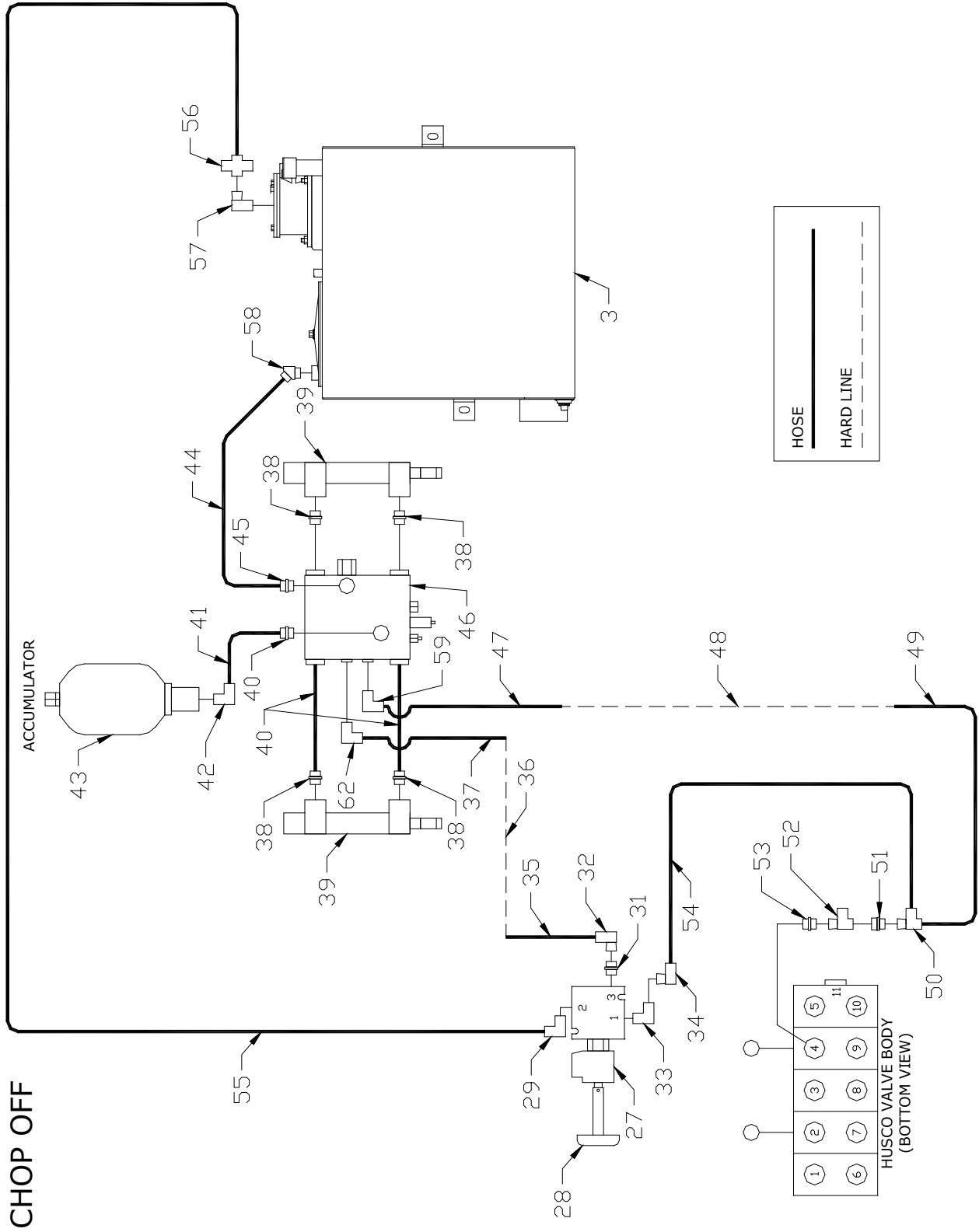
HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
222	2	FG2501-06-04	Fitting
223	2	2404-06-04	Fitting
224	4	HSRA-11	Hose assy
225	4	FG2403-06-06	Fitting
226	4	5425HSRA-12	Hose assy
227	4	5406-08-06	Fitting
228	4	NV-12-M	Quick Coupler
229	1	FGFF6500-08-08	Fitting
230	3	FGFF6602-08-08-08	Fitting
231	1	5425HSRA-13	Hose assy
232	1	FF6400-06-08	Fitting
233	2	6801-06-06	Fitting
234	1	5425HSRA-14	Hose assy
235	1	FG6400-06-08	Fitting
236	1	760-0005	Steering Valve
237	1	FG6400-06-06	Fitting
238	2	5425HSRA-15	Hose assy
239	4	FG6400-06-08	Fitting
240	2	5425HSRA-16	Hose assy
241	1	FG6801-06-04	Fitting (forged)
242	1	HSR-49	Hose assembly
243	1	6400-06-10	Fitting
244	1	EF8-12-08	Bronze Bushing
245	1	HSRA-14	Hose Assy
246	2	HSRA-13	Hose Assy
247	2	6400-10-10	Fitting

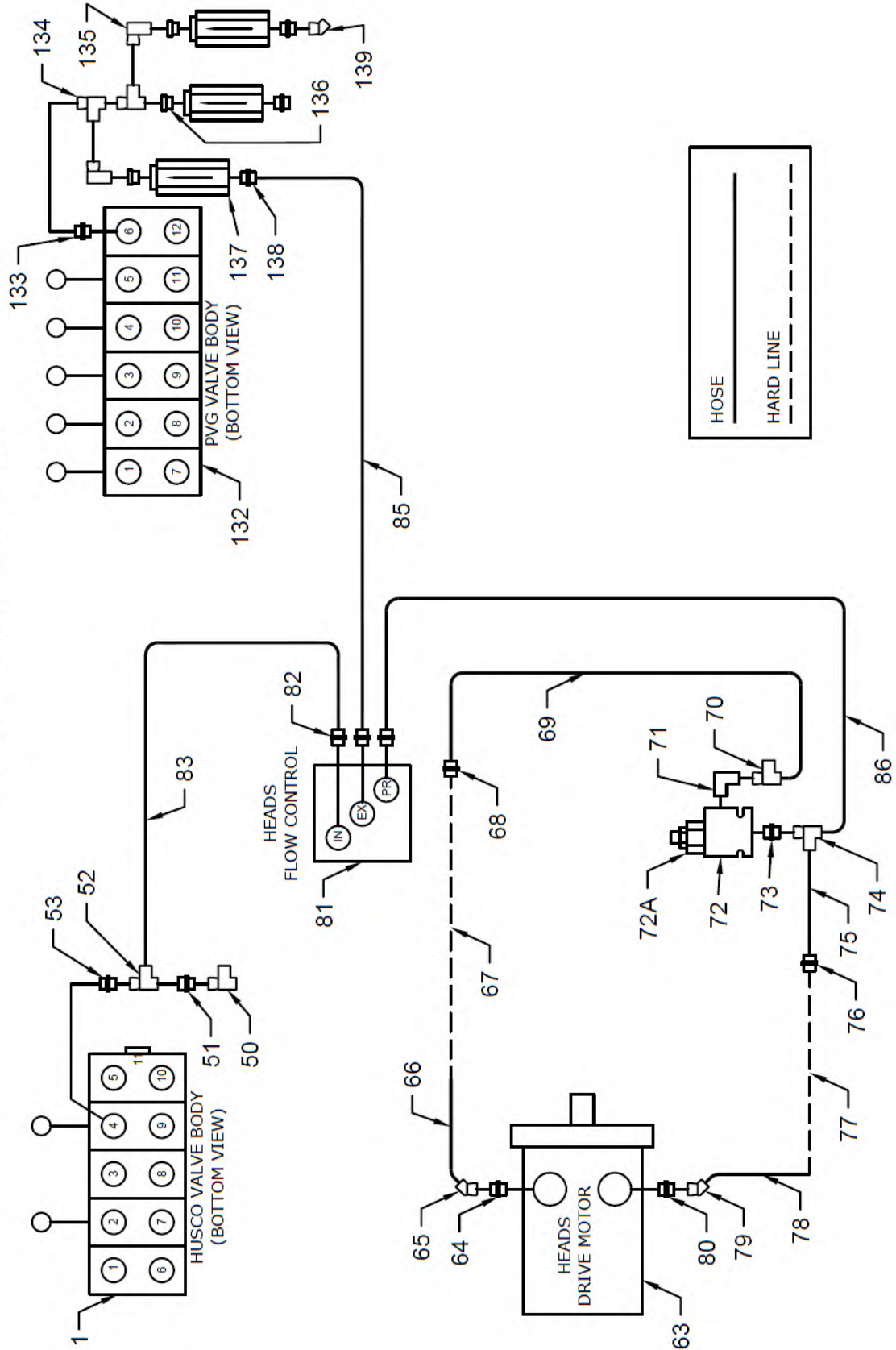


INCREASER PUMP

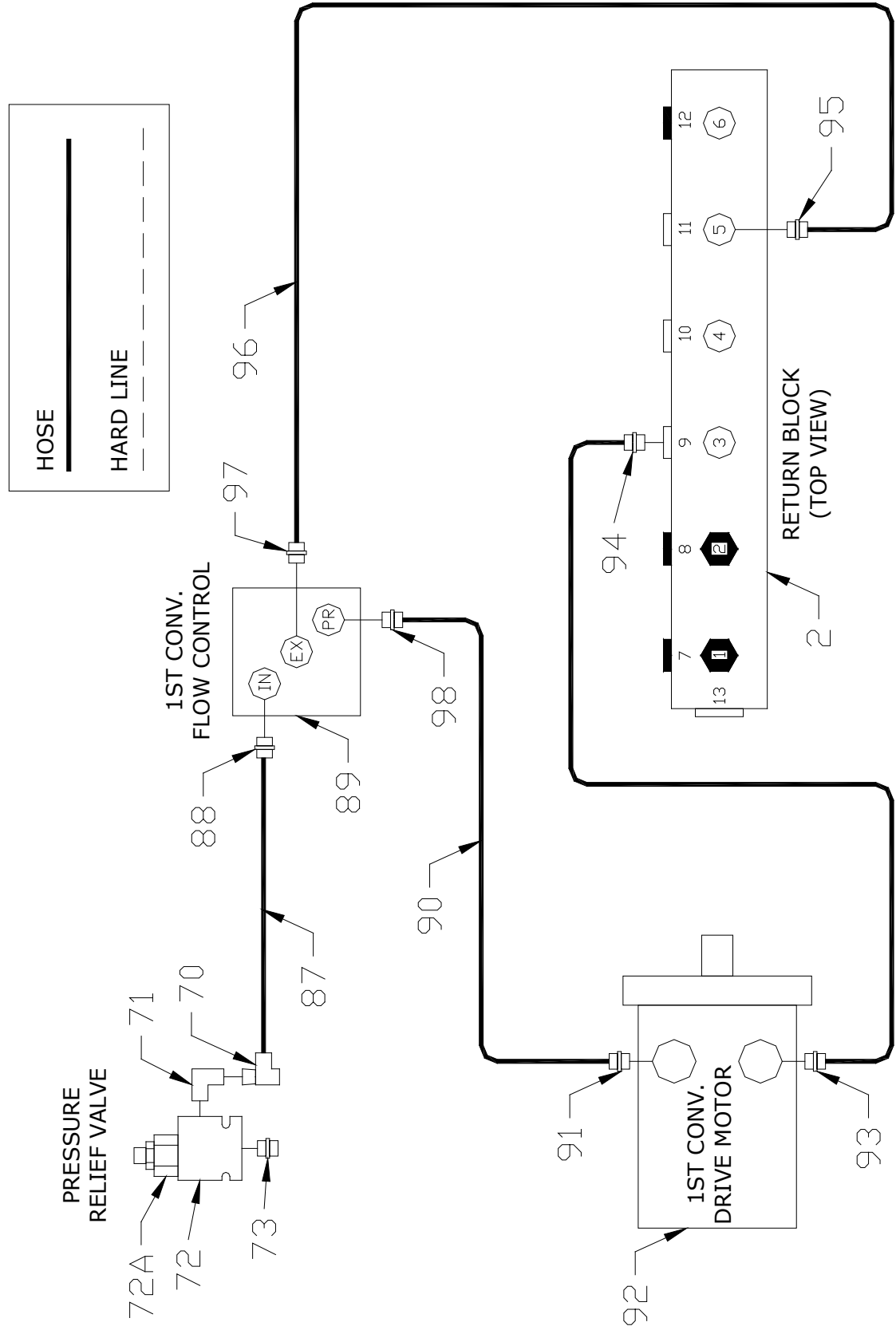




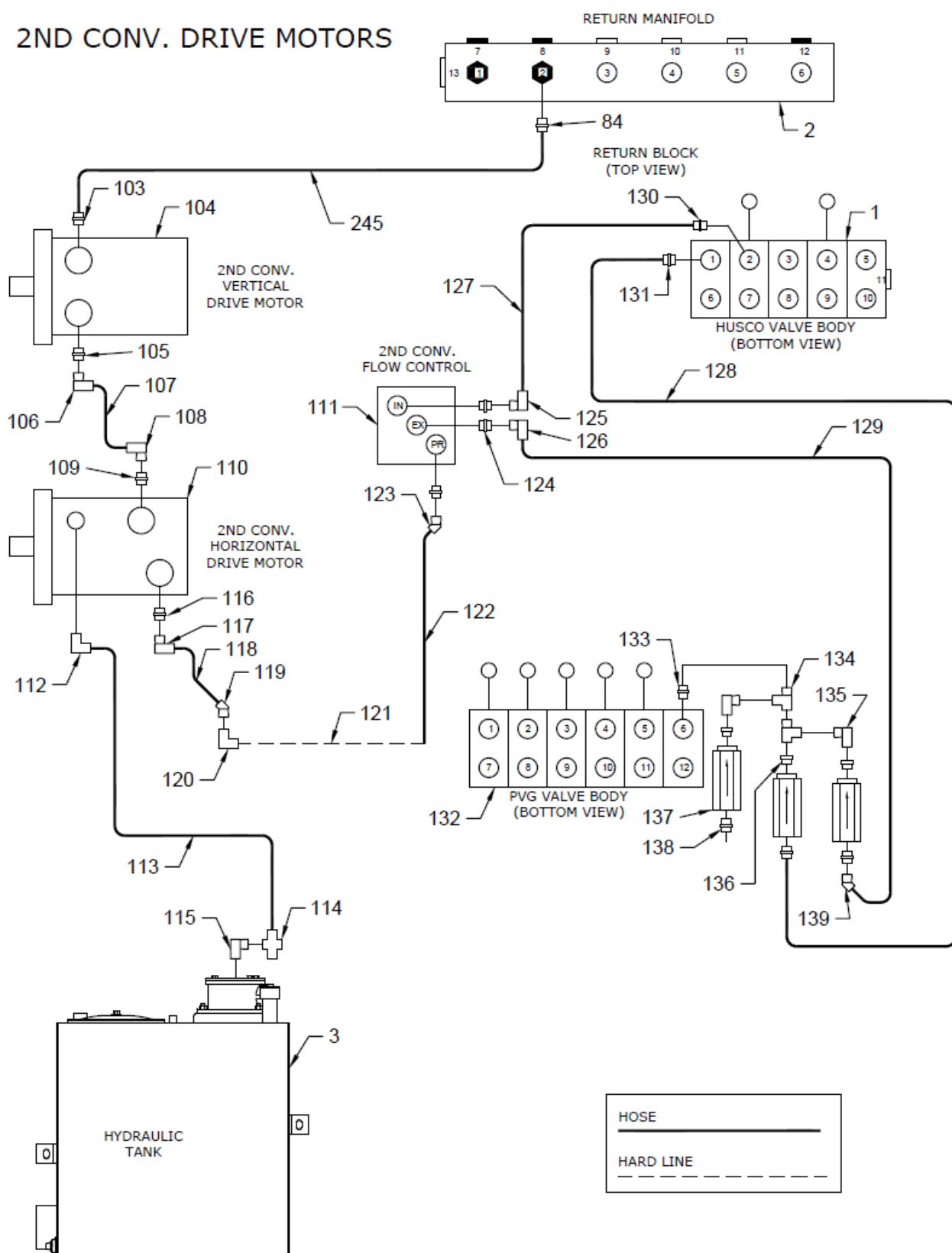
HEADS DRIVE MOTOR



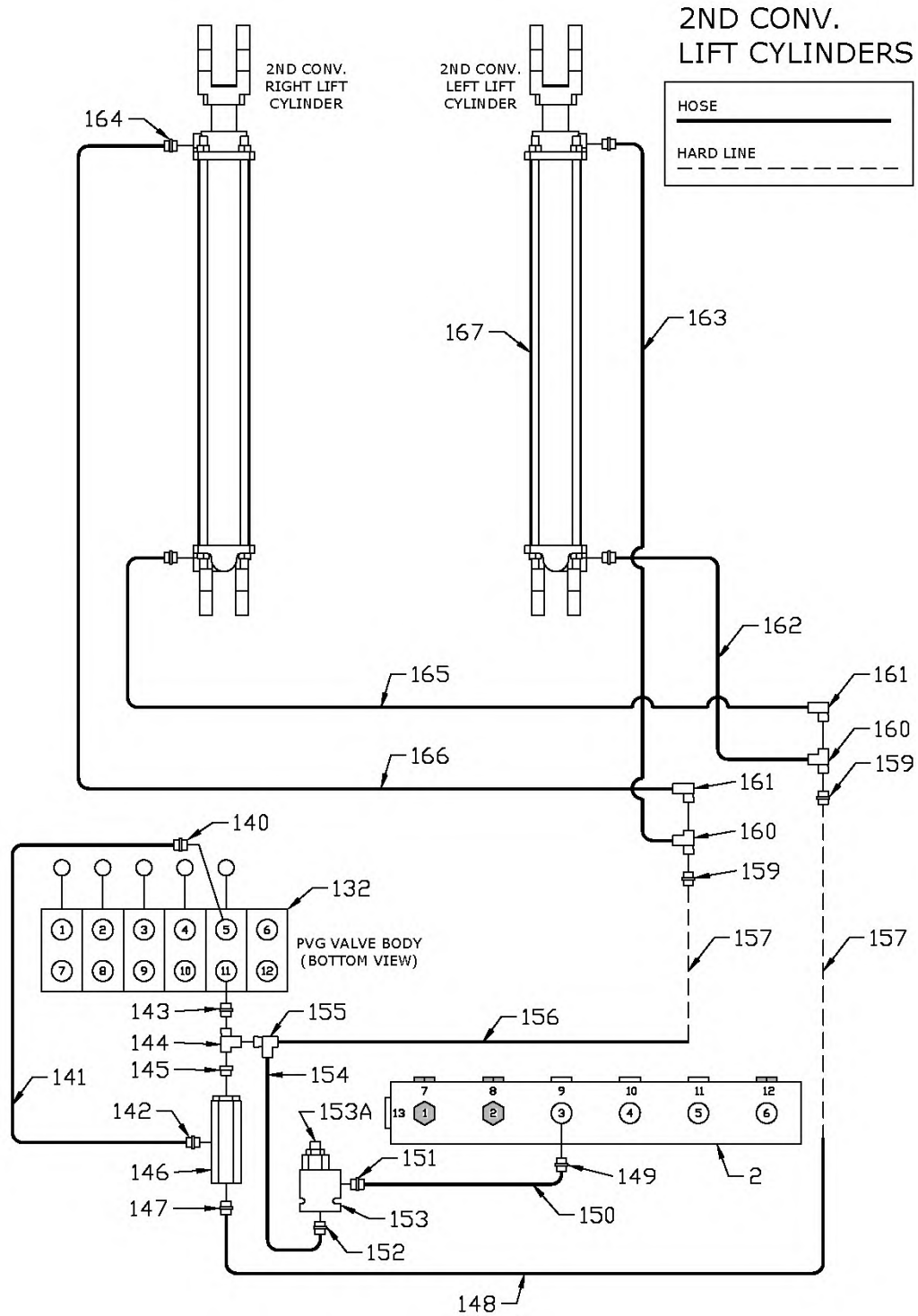
1ST CONV. DRIVE MOTOR

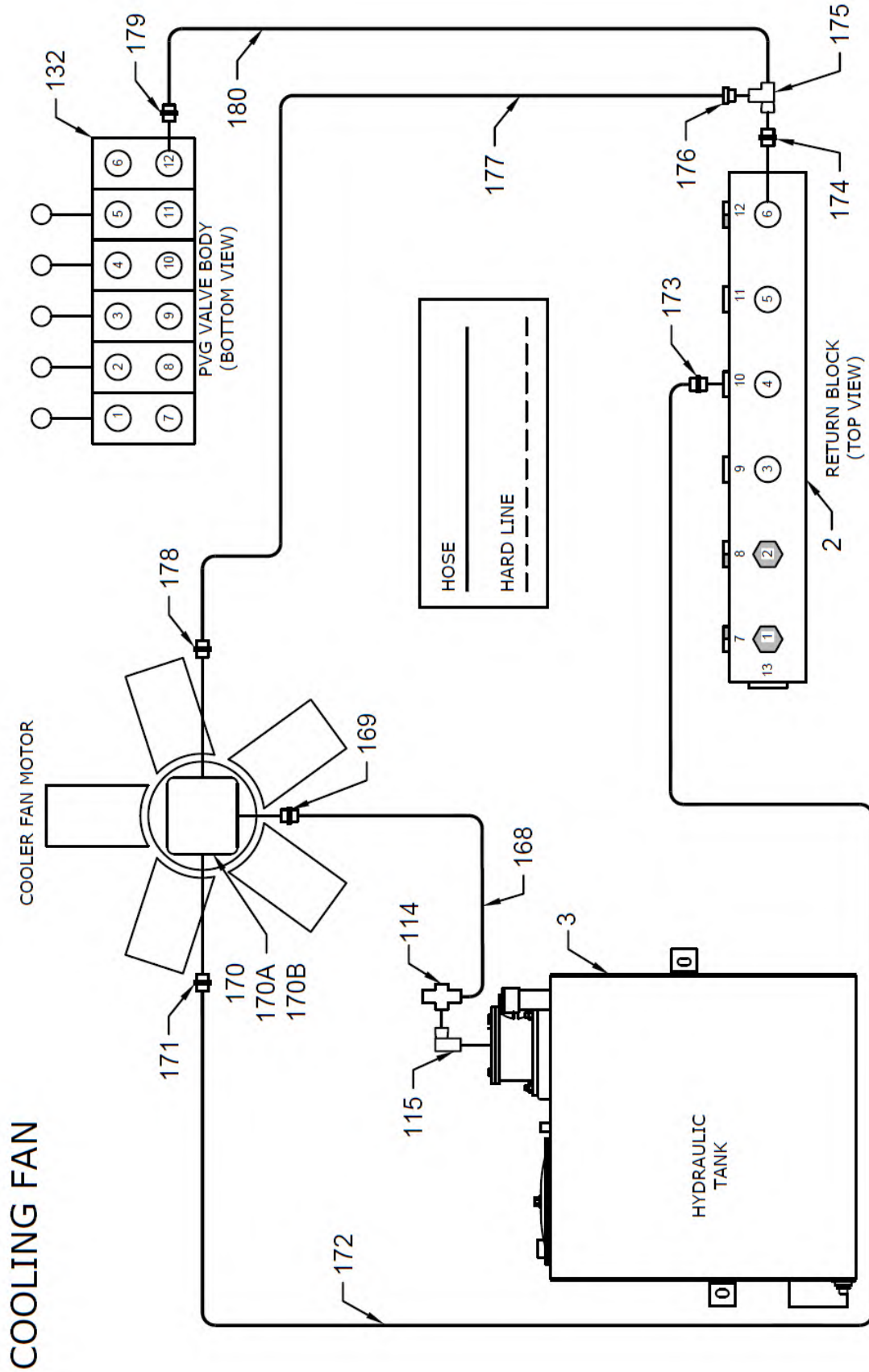


2ND CONV. DRIVE MOTORS

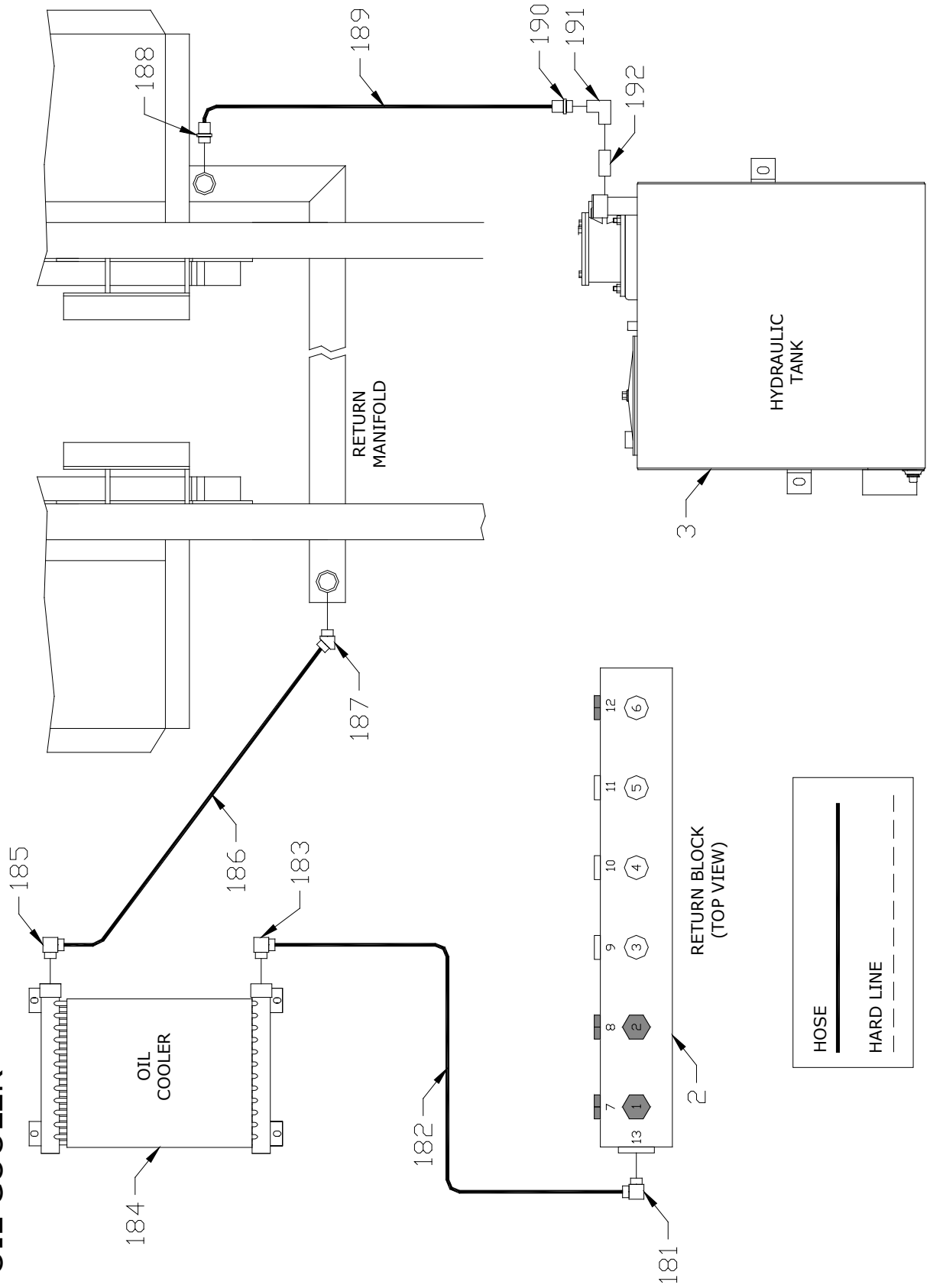


HYDRAULICS



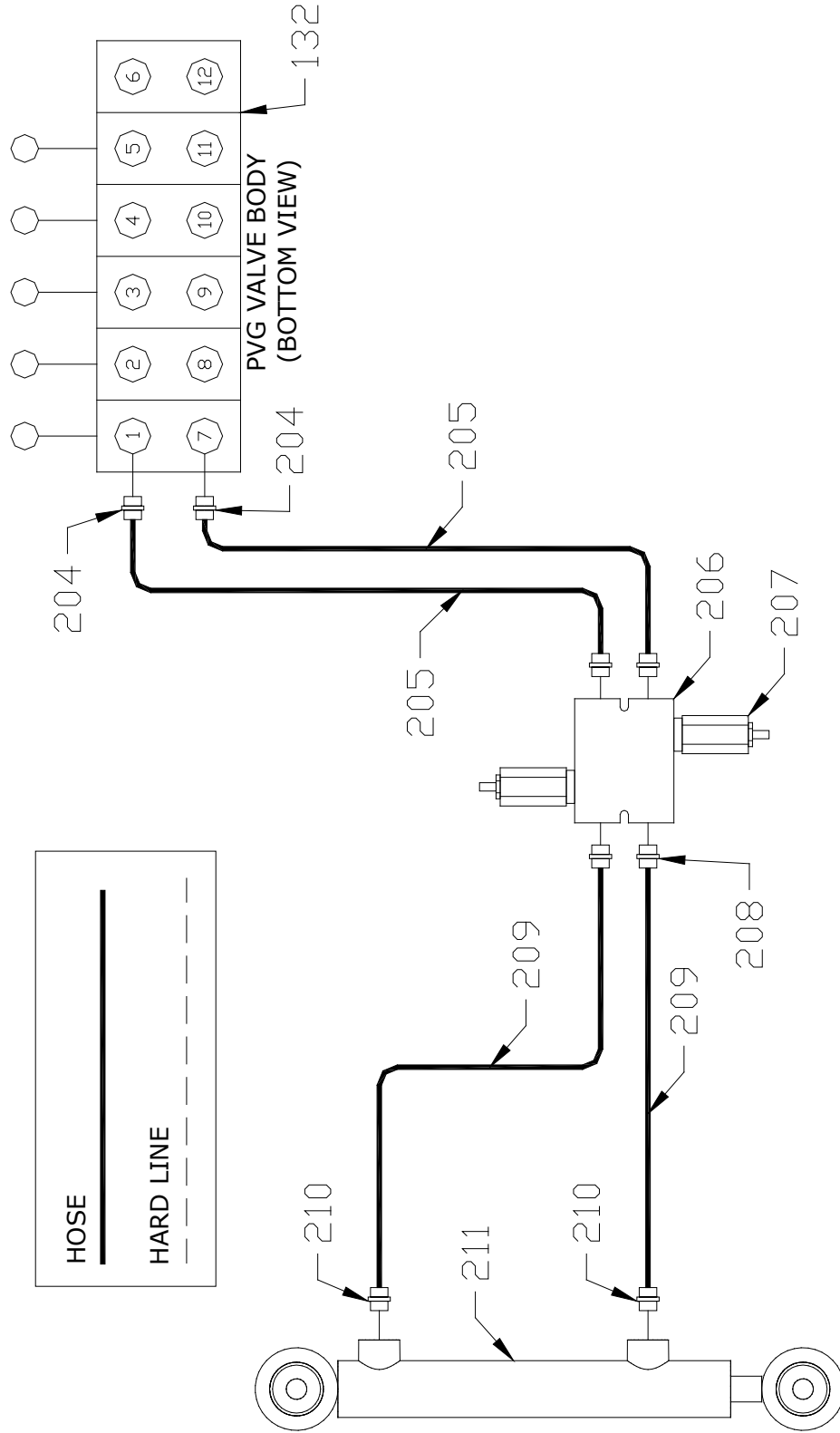


OIL COOLER

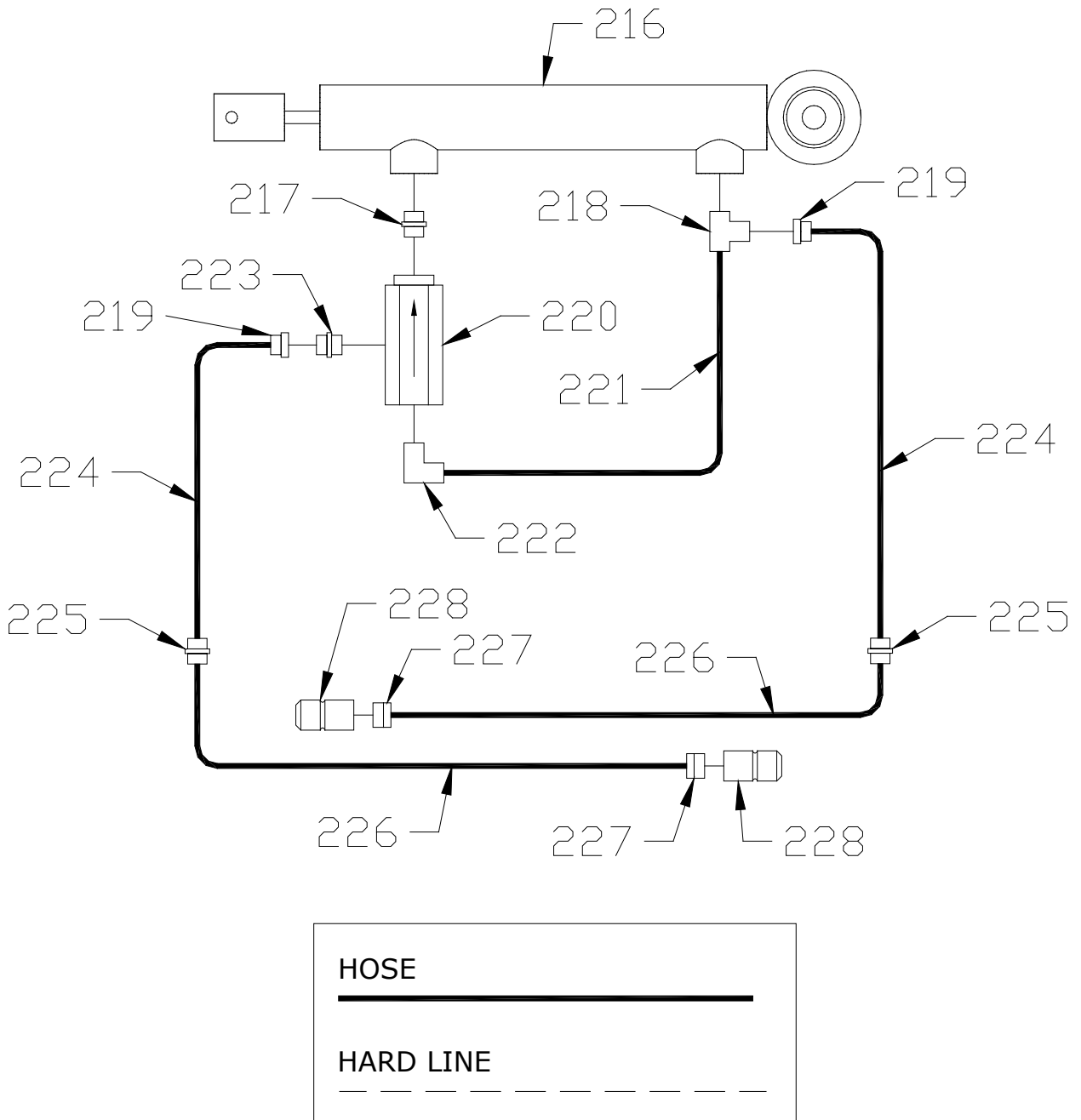




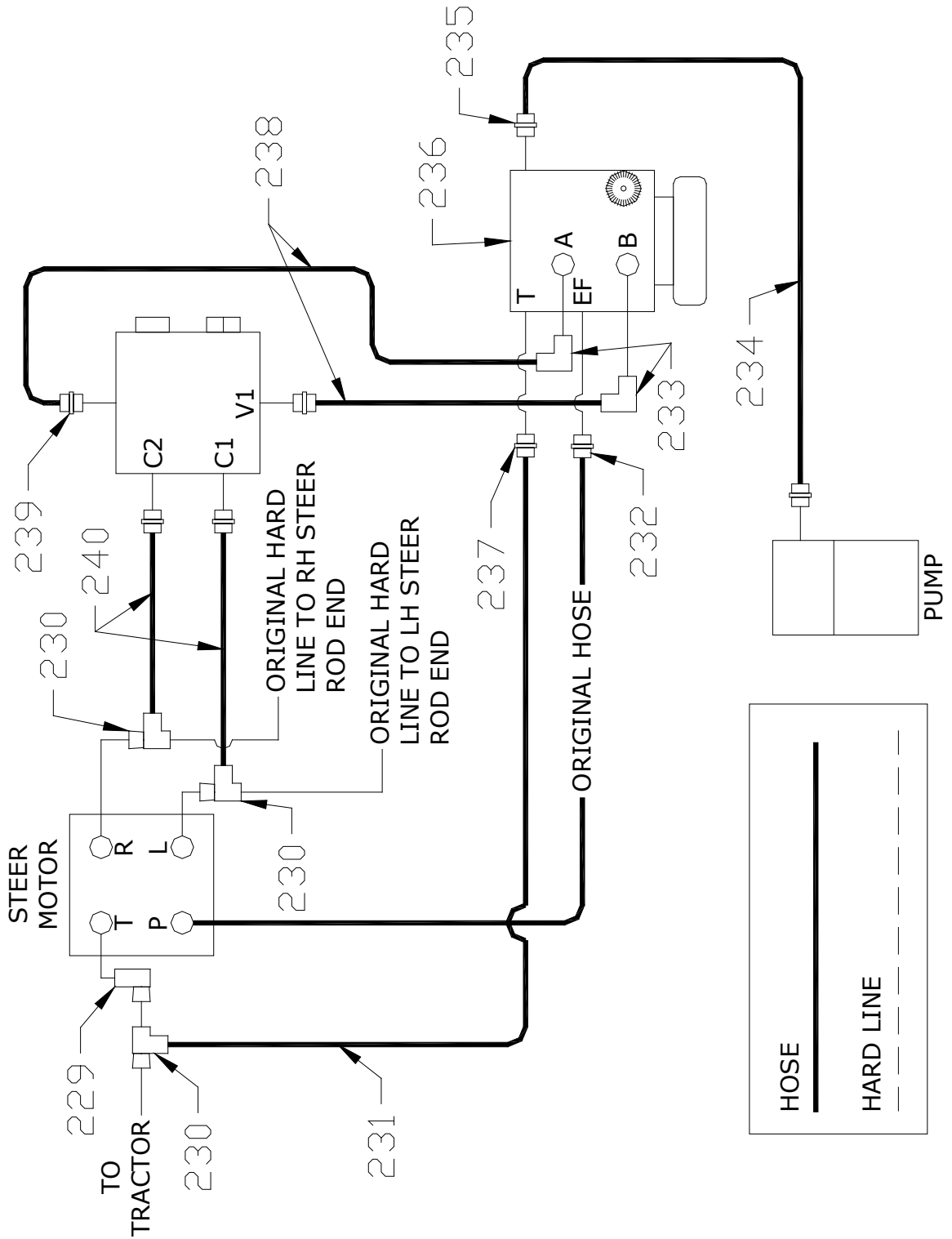
TUBE DISPENSER HYDRAULIC CYLINDER



AUTO-STEER HYDRAULIC CYLINDER



AUTO-STEER HYDRAULICS



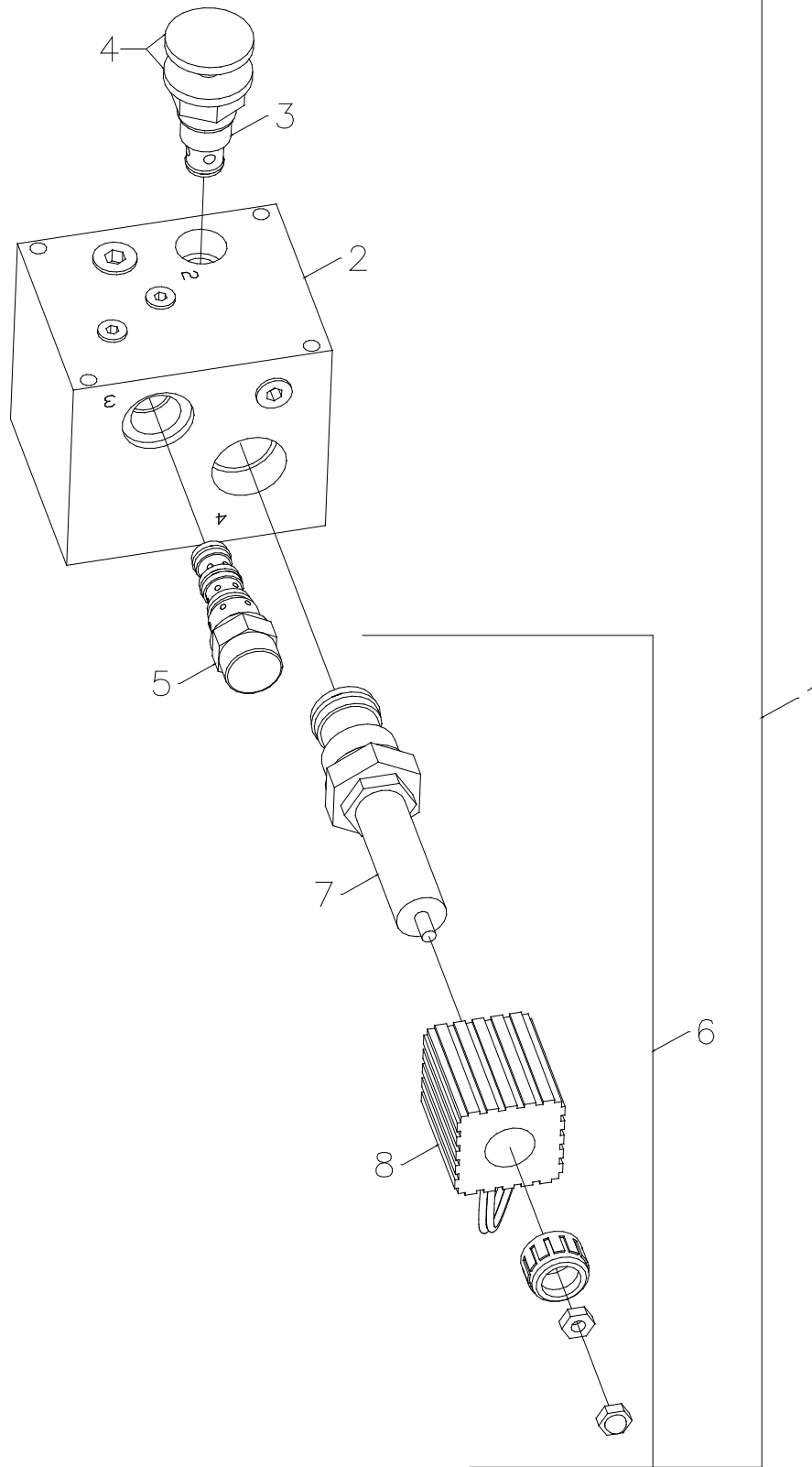
HYDRAULICS

NOTES



FLOW CONTROL

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	FV-6975-GGJ	Flow control assembly
2	3	FV-6975-M1	Valve body
3	3	NFCV-10-N-K-0	Flow control valve cartridge
4	3	60081 8014442	Knob (for Part Number NFCV-10-N-K-0) Knob (for discontinued Part Number J04A2ZN)
5	3	PCEB-10-N-S-0-160	Pressure compensator valve cartridge
6	3	EHFCV-16-N-20-0-12DL-BECI	Flow Control Proportional Valve / Coil (includes items 7 & 8)
7	3	PFCV-16-N-C-24-0-0-00	Flow Control Proportional Valve
8	3	60191-12DL-BECI	Coil
Repair Kits			
	3	3-916	O-ring for flow control proportional valve (item 6)
	3	SKN-1622	Seal kit for flow control proportional valve (item 6)
	3	SK30503N-1	Seal kit for flow control valve (item 3)
	3	SK30505N-1	Seal kit for pressure compensator valve (item 5)
	3	NAPA 910	O-ring for pressure compensator valve (item 5)



FLOW CONTROL

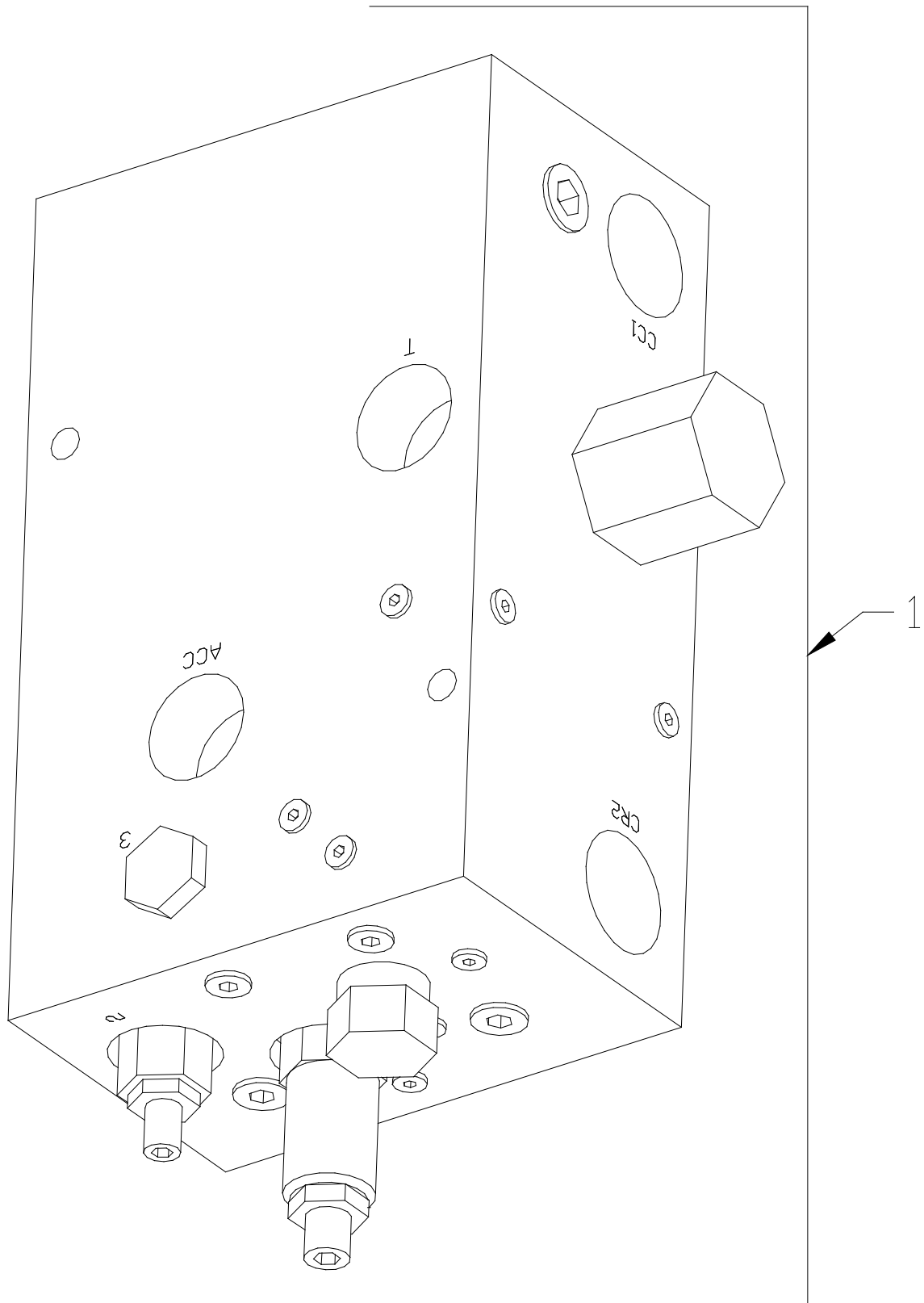
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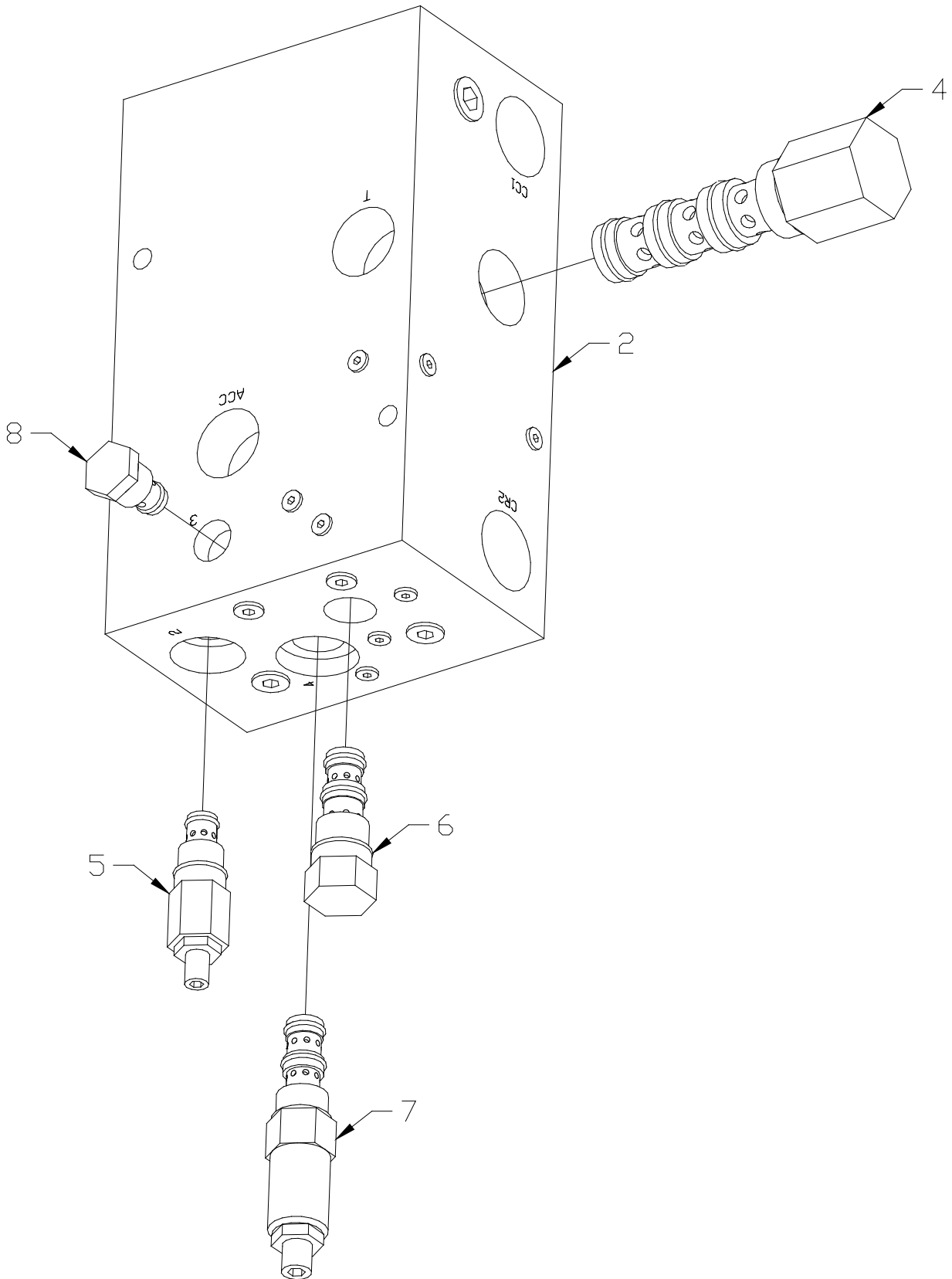
CHOP VALVE

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FV-7503	Chop valve assy
2	1	FV-7053-M1	Valve body
3			
4	1	CP722-5-B-0-080-S3	Logic valve
5	1	J02E2ZN	Flow control valve
6	1	R04C3-10-0N	Diverter valve
7	1	CP230-1-B-0-E-C	Pressure relief valve
8	1	CP108-7-B-0-005	Check valve
Repair Kits			
	1	SK30500N-1	Seal kit for flow control valve (item 5)
	1	120221	Seal kit for check valve (item 3)
	1	120570	Seal kit for pressure relief valve (item 7)
	1	SK30505N-1	Seal kit for diverter valve (item 6)
	1	120025	Seal kit for logic valve (item 4)

CHOP VALVE



CHOP VALVE



CHOP VALLEY

[illegible]

ACCUMULATOR

List of Component Parts			Alternate Service ¹		
	Description	Part Number (OS)	WS	SS	XS
1	Safety Cap	AI-S-308		N/A ²	N/A ²
1	Safety Cap O-Ring	AI-S-309		N/A ²	N/A ²
2	Protective Cap	AI-306	-SS	-4SS	-4SS
3	Valve Cap	AI-S-303			
4	Valve Core	AI-S-304			
5	GT Gas Valve	AI-GT3-309			
5	Gas Valve O-Ring	AI-GT3-311			
6	Bladder Kit ³				
	Buna-Nitrile	AI-1-3KT		-SS	-SS
	Butyl	AI-1-3KT-B		-SS	-SS
	EPR	AI-1-3KT-E		-SS	-SS
	Fluorocarbon	AI-1-3KT-V		-SS	-SS
	Hydrin	AI-1-3KT-H		-SS	-SS
	Low Temp Buna	AI-1-3KT-L		-SS	-SS
7	Hex Jam Nut	AI-S-305	-SS	-SS	-SS
8	Name Plate	AI-S-413			
9	Caution Label	AI-S-421			
10	Anti-Extrusion Ring				
	Buna-Nitrile	AI-1-407	-WS	-WS	-WS
	EPDM	AI-1-407-E	-WS	-WS	-WS
	Fluorocarbon	AI-1-407-V	-WS	-WS	-WS
11	Oil Port ⁴	AI-1-402	-WS	-SS	-SS
12	Stop Nut	AI-1-408	-SS	-SS	-SS
13	Piston	AI-1-405	-SS	-SS	-SS
14	Locknut	AI-1-403	-WS	-SS	-SS
15	Spacer	AI-1-406	-WS	-SS	-SS
16	Spring	AI-1-409	-SS	-SS	-SS
17	Poppet	AI-1-404	-SS	-SS	-SS
18	Shell	Not for Sale	N/A	N/A	N/A
19	Metal Back-Up Ring	AI-1-412	-SS	-SS	-SS
20	O-Ring				
	Buna-Nitrile	AI-1-410			
	EPDM	AI-1-410-E			
	Fluorocarbon	AI-1-410-V			
21	Rubber Back-Up Ring	AI-1-411			
22	Bleed Plug				
	¹ / ₄ " NPT	AI-S-418	-SS	-SS	-SS
	⁷ / ₁₆ "-20 SAE	AI-S-419	-SS	-SS	-SS

Standard Configuration

SA 372 Chrome-moly Steel Shell
C-1018 and 4130 or 4140 Components
³/₄" NPT Female Fluid Port
Buna-Nitrile Rubber Components

Optional Configuration (at extra cost)

AN Gas Valve
Resin Coatings, Internal (WS)
Electroless Nickel Plating, Internal & External (SS)
Resin Coating - ID, 3 Part Marine Epoxy Paint - OD (XS)
Stainless Steel Components
Foreign and Domestic Codes
Call Factory for Other Options

Dimensions⁵

Part Number	Weight
AIQT3100	9.5 lbs

Oil Port Options

Fluid Port Type	Designation
¹ / ₄ " NPT Female	None
Metric Female	-2
¹ / ₈ "-12 SAE Female	-3
Code 61, ¹ / ₄ " SAE Split Flange	4
BSP Female	-7
Other	Call
Special Materials	Call

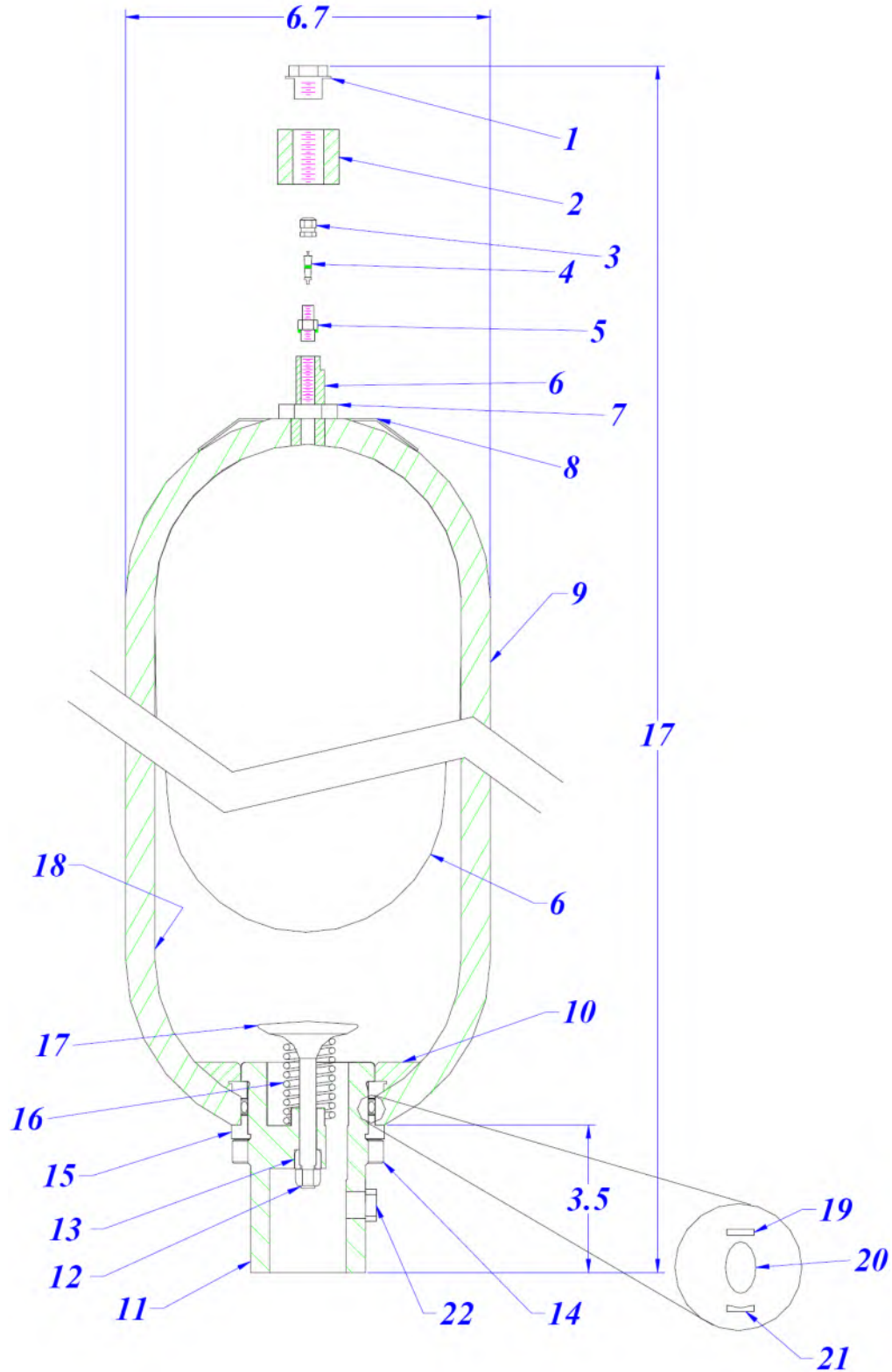
¹ OS-Oil Service, WS- Water Service, SS-Special Service, XS-Extreme Service

² Special service accumulator uses a solid protective cap

³ Bladder kit consists of the following parts: 3, 4, 5, 18, and 19

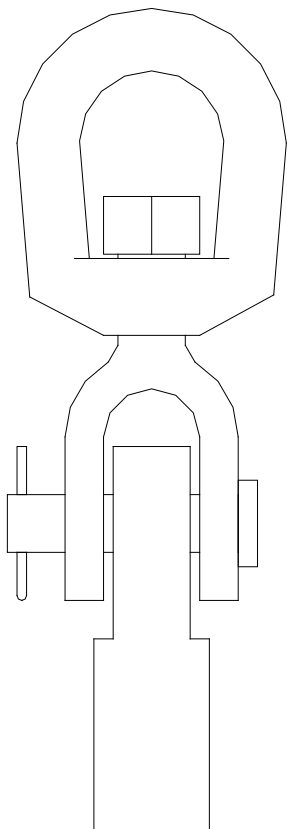
⁴ See Oil Port Configuration for options

⁵ Nominal dimensions. Manufacturing variations will occur. Allow ¹/₂".

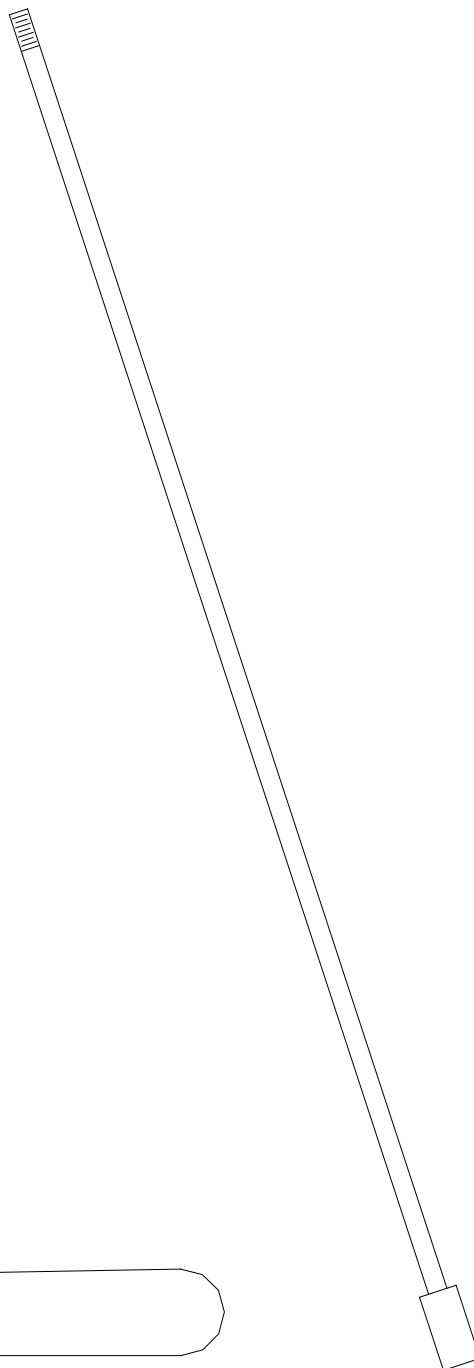


BLADDER REPAIR
KIT TOOLS

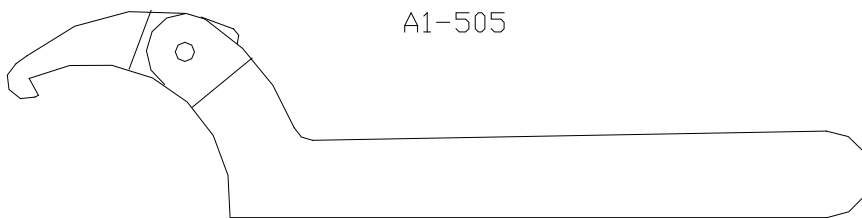
A1-511



A1-501



A1-505

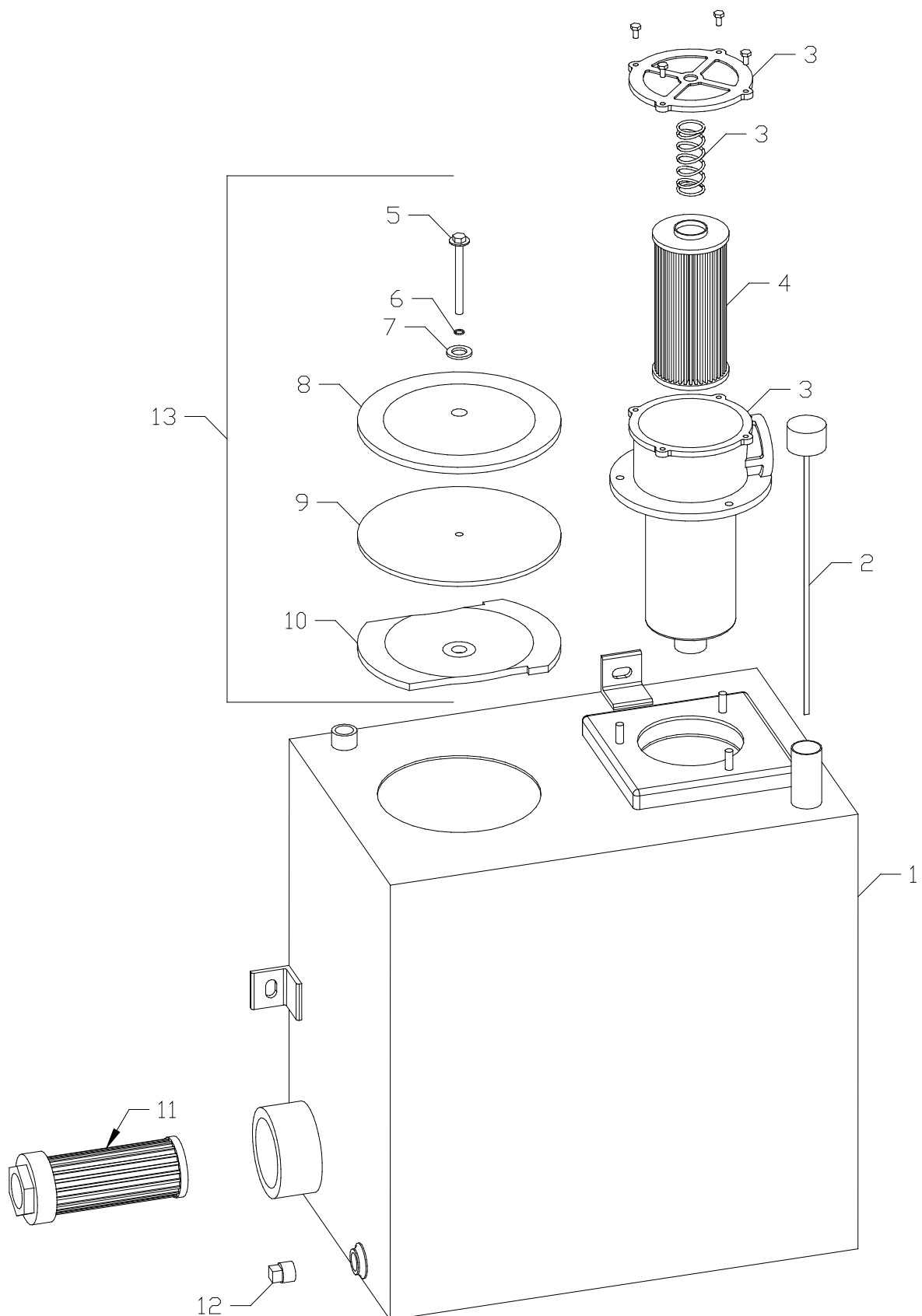


NOTES:

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HYDRAULIC TANK / INCREASER

Hydraulic Tank - Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	RV-1378	Reservoir assy
2	1	DS100	Dipstick
3	1	K051204	Filter housing assy
4	1	P171537	Filter
5	1	13-2.0 X 100 mm	Flange-head bolt
6	1	13 mm	O-ring
7	1	13 mm	Flat washer
8	1	RV-1378-1	Cover
9	1	RV1378-2	Gasket
10	1	RV-1378-3	Clamp plate
11	1	TF-1530-3	Suction strainer
12	1	5406-SHP-12-MAG	Magnetic plug
13	1	FCC-10	Cover assy. (includes items 5-10)

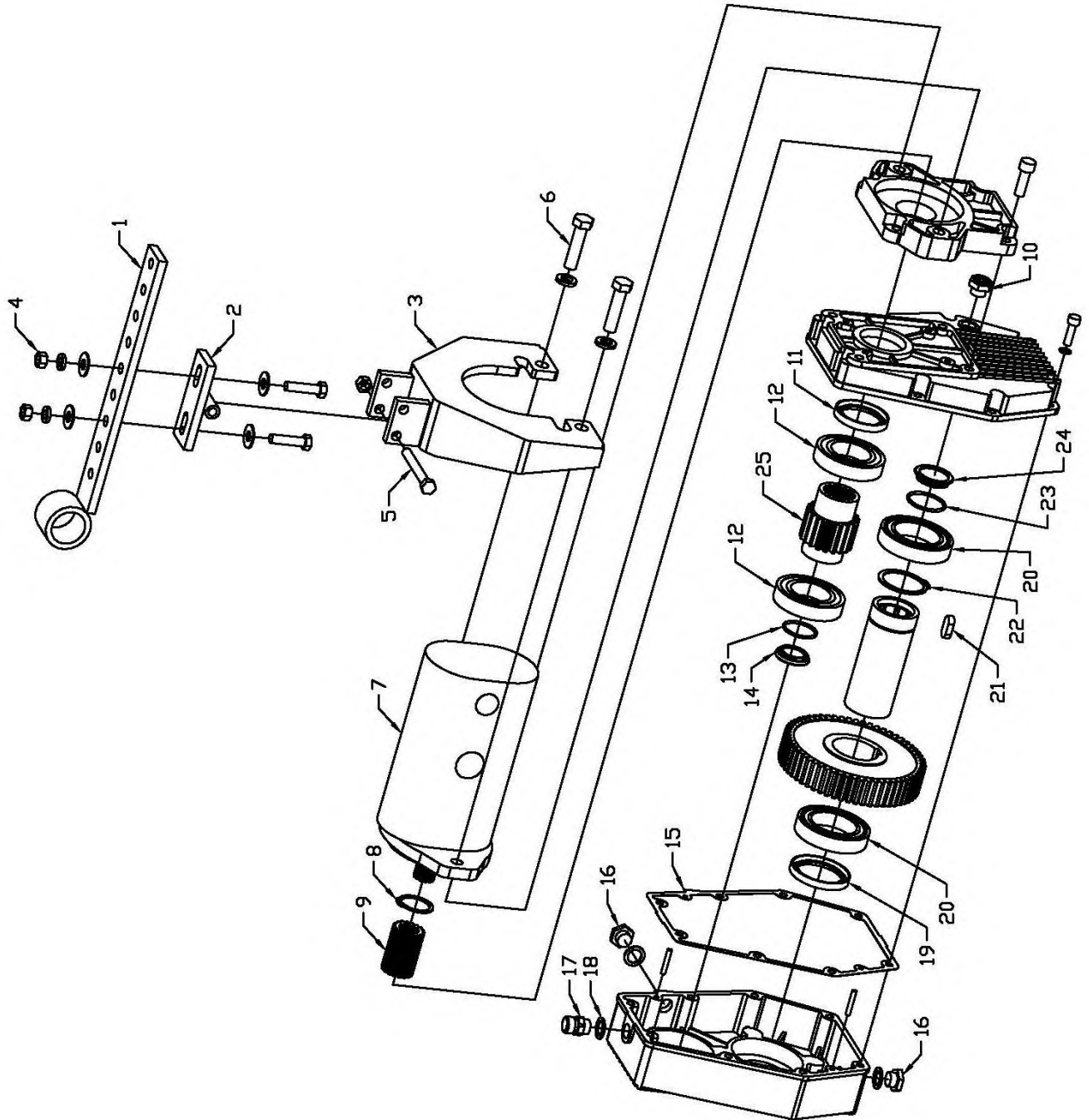


HYDRAULIC TANK / INCREASER

Bervini Pump & Increaser - Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1B002	Swivel assembly arm (pump bracket)
2	1	1B003	Swivel assembly (pump bracket)
3	1	1B004-1	Base assembly (pump bracket)
4	2	13109	3/8"-16 x 1-1/2" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
	2	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
	2	33893	3/8" Yellow Zinc Finish High Alloy Medium Split Lock Washer
	4	33859	3/8" Yellow Zinc Finish USS Thru-Hardened Flat Washer
5	1	13117	3/8"-16 x 3-1/2" Grade 5 Zinc Finish Hex Cap Screw
	1	37264	3/8"-16 Zinc Finish Grade C Top Lock Nut
6	2	38716	M12-1.75 x 80mm DIN 931 Class 8.8 Zinc Cap Screw
	2	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer
7	1	HP001-TPSDARSR	Tandem Pump
8	1	42201900	Snap Ring
9	1	31025100	Spline Shaft Coupling
10	1	45112400000	Sight Glass
11	1	17750	Shaft Seal, Spline Shaft to Pump
12	2	6009	Bearing, Spline Shaft to Pump
13	1	44115200	O-ring for Cap in Spline Shaft
14	1	39207800	Plastic Plug for Spline Shaft
15	1	39205000	Housing Gasket
16	2	60310400	Plug, 3/8" NPT
17	1	49101700	Breather Plug, 3/8" NPT
18	3	39207100	Plug Gasket
19	1	19605	Shaft Seal, Female PTO Shaft
20	2	6010-JEM	Bearing, Female PTO Shaft
21	1	43201100	Key for PTO Shaft
22	1	42201200	Snap Ring, PTO Shaft
23	1	44115300	O-ring for Cap PTO Shaft
24	1	39207900	Plastic Plug for PTO Shaft
25	1	34243200	Pinion Gear For H1001-B
	1	H1001-B	Increaser; Includes Item 10 thru 25

NOTE: Items not called out in illustration are **non-serviceable** parts

Bervini Pump & Increaser



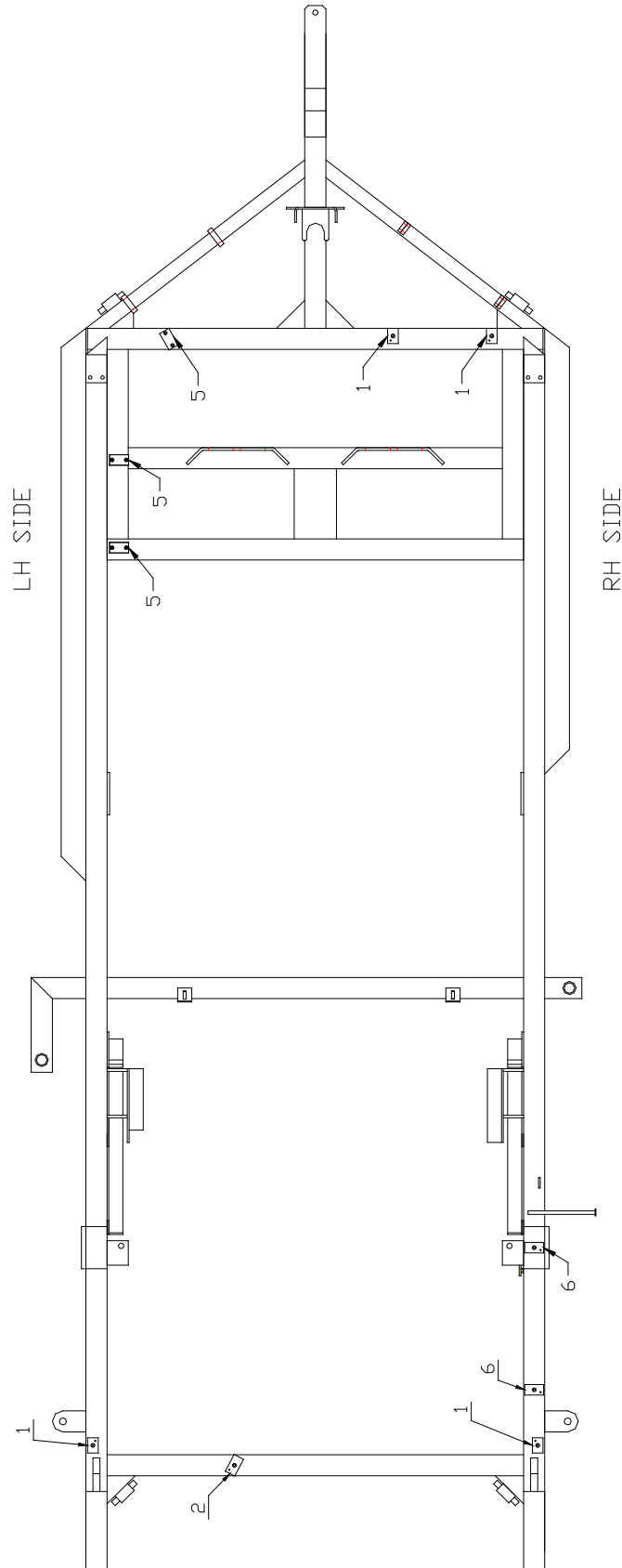
HYDRAULIC JACK / INCREASER

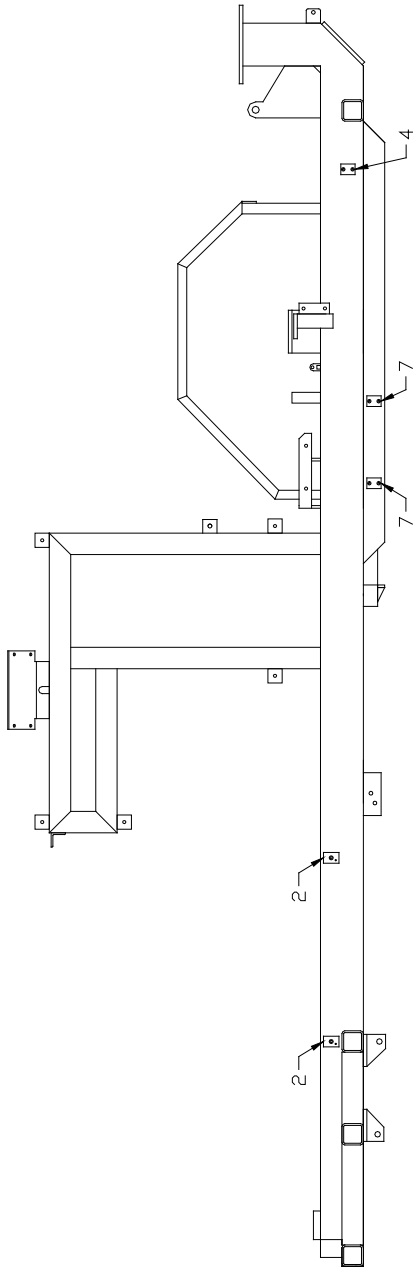
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HYDRAULIC HOSE/HARD LINE MOUNTS

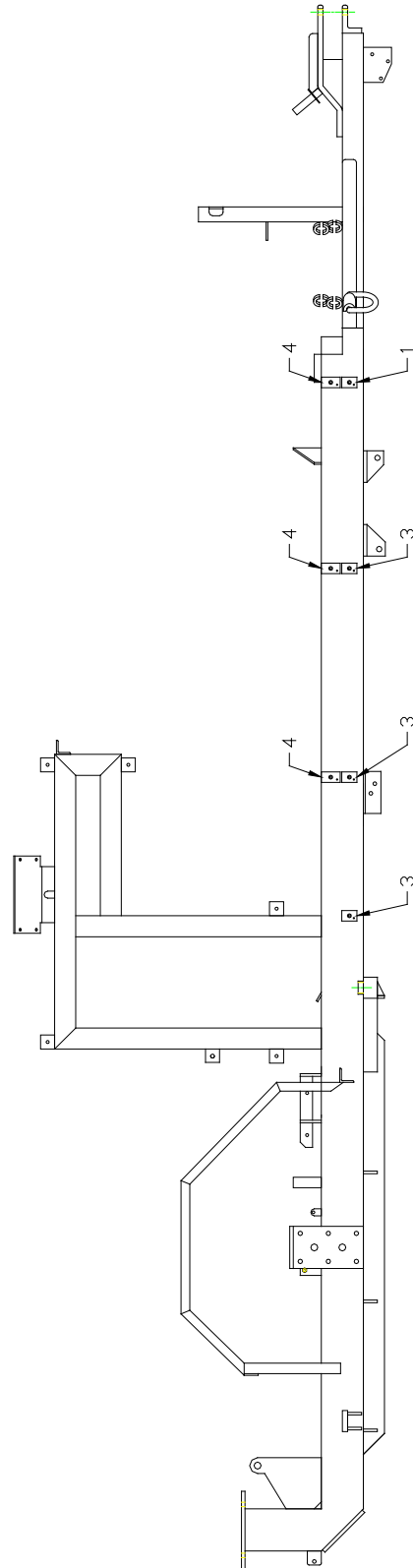
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	7	HYDMNT001	1/2 in. clamp assy.
2	3	HYDMNT002	3/4 in. clamp assy.
3	3	HYDMNT003	3/8 in. clamp assy.
4	6	HYDMNT004	1 in. clamp assy.
5	6	HYDMNT005	1-1/2 tube clamp assy.
6	2	HYDMNT006	3/4 and 1 in. clamp assy.
7	7	HYDMNT007	1/2 and 3/8 in. clamp assy.
8	2	HYDMNT008	1-1/2 in. pipe clamp assy.

HYDRAULIC HOSE/HARD LINE MOUNTS

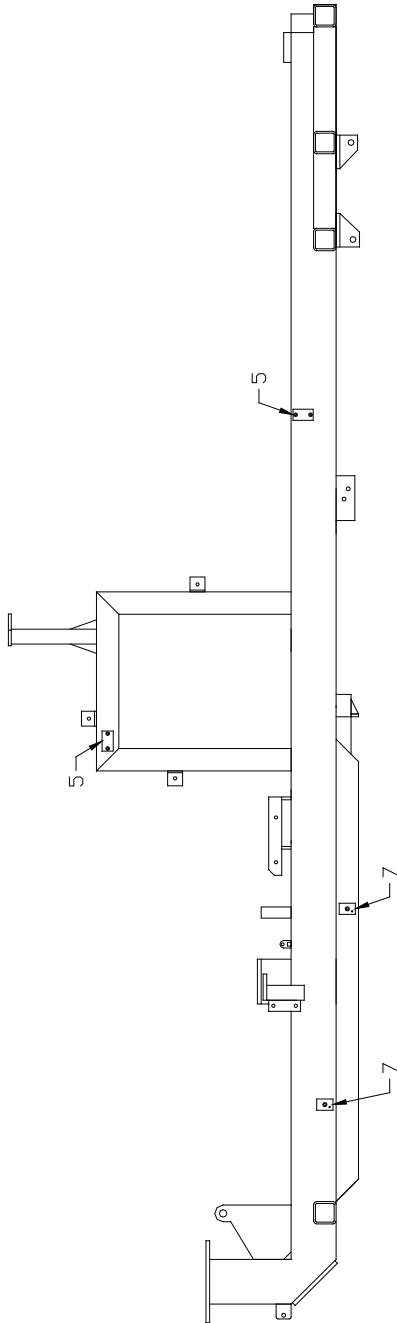




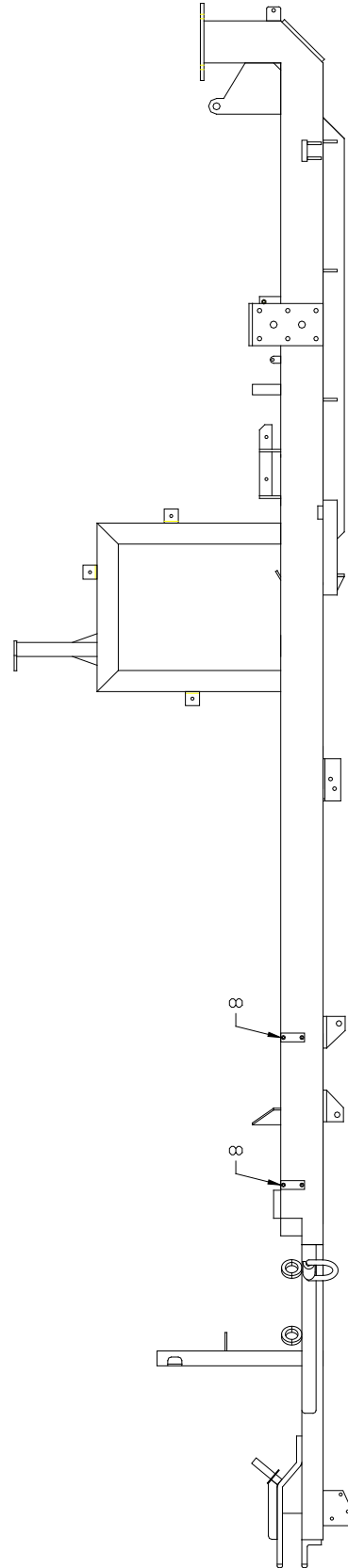
RH SIDE INSIDE OF FRAME



RH SIDE OUTSIDE OF FRAME

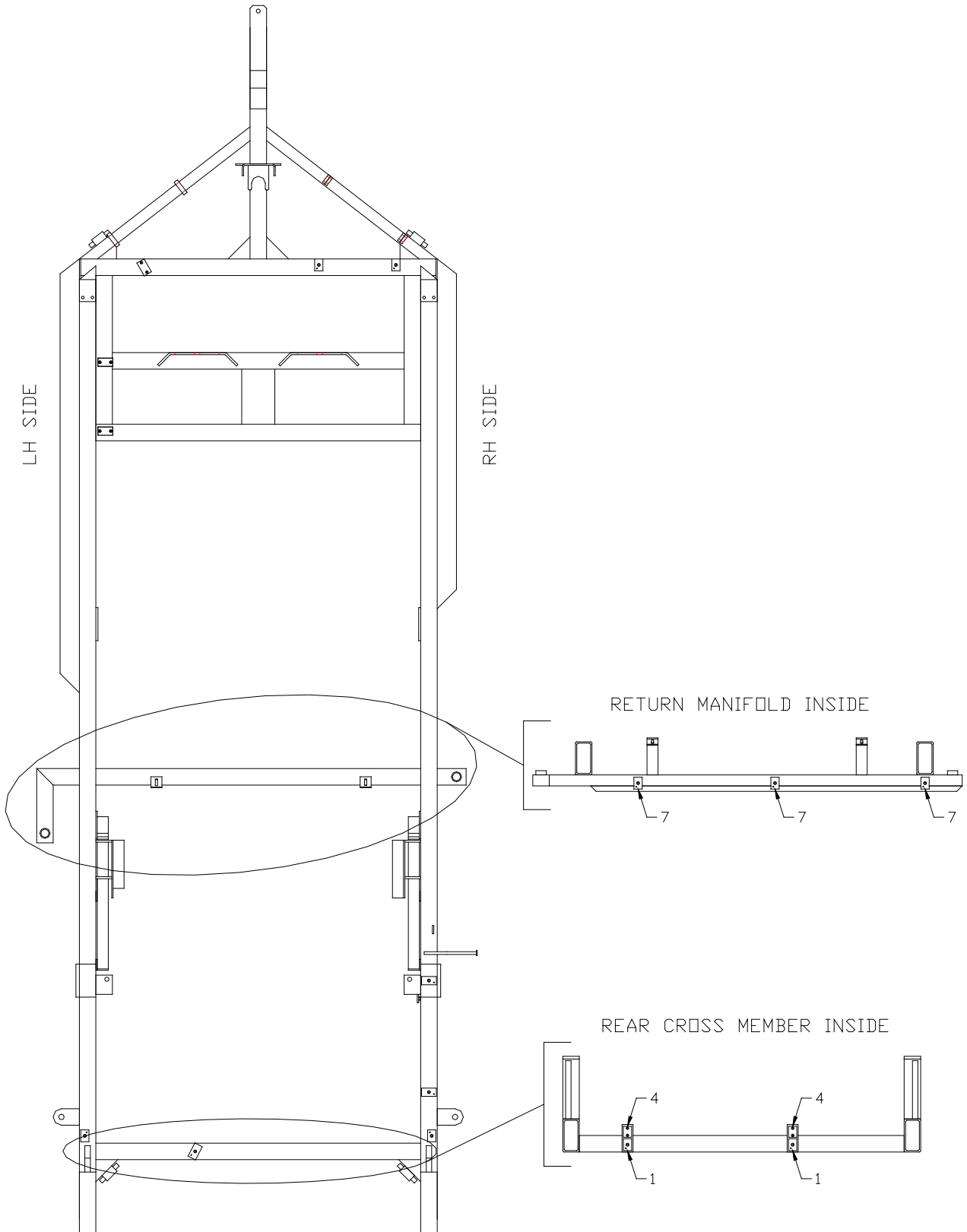


LH SIDE INSIDE OF FRAME



LH SIDE INSIDE OF FRAME

HYDRAULIC HOSE/HARD LINE MOUNTS



HYDRAULIC HOSE HARDWARE

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ELECTRICAL COMPONENTS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	000102-SR	Magnum II counter
2	1	LB1-0523A	Chop valve body
3	1	GS02-30-20-N	Chop valve actuator
4	1	CCP012L	Chop valve coil
5	1	44252	Master On/Off switch
6	1	44215	Toggle boot
7	1	44216	Face plate
8	1	75280	Relay base
9	1	75411	Relay
10	4	31073	Relay terminal
11	1	46050	Fuse panel
12	4	46230	30-amp fuse
13	2	DCSWI	Depth control switch
14	2	DC0009	Depth control actuator
15	1	STDSSB5	Horn switch
16	2	STD-TCP41F	Female Plug
17	1	13609-3ASSM	Ground speed proximity switch
18	1	13608	Run/Hold proximity switch
19	2	DT06-2S	2 Pin Connector, Female
20	2	DT06-2P	2 Pin Connector, Male
21	1	FRA000-SRA	Frame Cord
22	1	730-1020	Horn
23	3	60191-12DL	Coil
24	1	151-5663 MODIFIED (See Note 1) BES0146	Ground Speed Sensor
25	1	SRA-A1 (See Note 2) SRA-A1-2	Ground Speed Sensor Cable
26	1	LB037-1	Counter Cover
27	2	KB100	Cover Knob
28	1	LB037	Counter Mounting Cover
29	2	37018	1/4"-20 Gr 2 Zinc NE Nylon Insert Lock Nut
30	4	13105	3/8"-16x1" Zinc SAE J429 Gr 5 Hex Cap Screw
31	4	33815	3/8"Thru-Hard Yellow Zinc SAE Flat Washer
32	4	33893	3/8" Yell Zinc Hi Alloy Med Split Lock Washer
33	4	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut
34	1	EP100	Electrical Panel
35	1	BUSS1200-C2	Busman DVEC Power Center
36	1	DVC10-DDG	Slave Module
37	1	DVC10-GGG	Slave Module
38	1	DVC41	Digital Output Module
39	1	JBBS-57-E811	CAN Bus Junction
40	2	WCS WKC-572-0.5M	CAN Bus Cable
41	1	WSC WKC 572-0.4M	CAN Bus Cable
42	30	DT04-4P-LO12	Connector
43	1	RSM-57-TR2	Plug
44	1	SA-2252-M	Wire Harness
44A	2	625-1.5KE24A-E3	TVS



ELECTRICAL COMPONENTS

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
45	1	RKM-RSFP-572-1M	CAN Bus Cable (1M lg.)
46	1	RKM-RSFP-572-5M	CAN Bus Cable (5 M lg.)
47	1	RKM-RKM-572-2M	CAN Bus Cable (2 M lg.)
48	1	RKM-RSFP-572-2M	CAN Bus Cable (2 M lg.)
49	1	XXXXSRA-EL200	Electrical Connector Mount
50	1	XXXXSRA-EL201	Electrical Connector Mount
Note: In item's 49 & 50 part #'s "XXXX" is the Tractor Model (ex.5425SRA-EL200)			
A1	1	SRA-A1 (See Note 2) SRA-A1-2	Ground Speed Sensor Cable
A2	1	SRA-A2	Conveyor 1 Speed FPM Wire
A3	1	SRA-A3	Conveyor 2 Speed FPM Wire
A4	1	SRA-A4	Tube Dispenser Sensor Wire
A5	1	SRA-A5	Tipper Platform UP/DN Sensor Wire
A6	1		Spare
A7	1	SRA-999-10074	5VDC Regulated Power Supply
B1	1		Spare
B2	1	SRA-B2	Right Sod Shoe Sensor Wire
B3	1		Spare
B4	1	SRA-B4	Conveyor 2 UP/DN Sensor Wire
B5	1	SRA-B5	Tipper Platform RT/LT Sensor Wire
B6	1	SRA-B6	Left Sod Shoe Sensor Wire
B7	1	SRA-999-10074	5VDC Regulated Power Supply
B8	1		Diagnostic Port (DVC10-GGG)
C1	1		Spare
C2	1	SRA-C2	Cutter Blade Valve Command Wire
C3	1	SRA-C3	Conveyor 1 Valve Command Wire
C4	1	SRA-C4	Conveyor 2 Valve Command Wire
C5	1	SRA-C5	Tipper Platform Raise/Lower Command Wire
C6	1	SRA-C6	Chop Sod Command Wire
C7	1		Spare
C8	1		Diagnostic Port (DVC10-DDG)
D1	1	SRA-D1	Conveyor 2 Raise/Lower Command Wire
D2	1	SRA-D2	Tipper Platform LT/RT Command Wire
D3	1	SRA-D3	Tubes Load/Reset Command Wire
D4	1	SRA-D4	Split Net Command Wire
D5	1	SRA-D5	Blade Depth Left Command Wire
D6	1	SRA-D6	Blade Depth Right Command Wire
D7	1	DRA-D7	Steer LT/RT Command Wire
D8	1	SRA-D8	Voltage Input Power Wire
51	6	95F5220	SPDT Spring Centered Toggle Switch
52	4	9F5F209	SPDT 2-Position Toggle Switch
53	3	95F5214	DPDT 2 Position Toggle Switch
54	1	HW1S-5TF22N3	5 Position Selector Switch
55	1	HW1B-M1F10-B	Pushbutton
56	1	HW1E-BV4F02-R	E-Stop Push Button
57	1	KB-5BADS	Buzzer
58	1	APW199D-R-12	Red LED Indicator



ELECTRICAL COMPONENTS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
59	6	04F5871	10-Turn 10K OHM Potentiometer
60	6	08F586	10-Turn Black Dial
61	1	DVC61	4-Line Display Monitor
62	1	SRA-EL1	Power Cable
62A	1	DT04-8P	8 Pin Female Connector - Housing
62B	1	W8P	8 Pin Female Connector - Wedge
62C	8	0460-202-16141	8 Pin Female Connector - Pin
62D	1	DT06-8S	8 Pin Male Connector - Housing
62E	1	W8S	8 Pin Male Connector - Wedge
62F	8	0462-201-16141	8 Pin Male Connector - Pin
63A	1	DT04-12P	12 Pin Female Connector - Housing
63B	1	W12P	12 Pin Female Connector - Wedge
63C	12	0460-202-16141	12 Pin Female Connector - Pin
63D	1	DT06-12S	12 Pin Male Connector - Housing
63E	1	W12S	12 Pin Male Connector - Wedge
63F	12	0462-201-16141	12 Pin Male Connector - Pin
64	5	46018	1 1/4" Fuse Holder
65	4	5 Amp Fuse	5 Amp Fuse
66	1	30 Amp Fuse	30 Amp Fuse
67	1		Power Cable Female Connector
68	1		Power Male Connector
69	1	DVC10-GGG	Master Module
70	1	DVC22	Digital Input Module
71	1	RKC WKC 572-0.3M	CAN Bus Cable (0.3M lg.)
72	1	409407	CAN Bus Cable Connector
73	1	409407	CAN Bus Cable Connector
74	1	409703	CAN Bus Cable Connector
75	1	RSC WKC 572-0.5M	CAN Bus Cable (0.5 M lg.)
76	1	RSC 572-0.3M	CAN Bus Cable (0.3 M lg.)
77	1	RSC RSFP 572-1M	CAN Bus Cable (1 M lg.)
78	1	75001	50A Relay
79	1	75280	50A Relay Base
80	1	30073	50A Relay Terminals
81	2	SRA-999-10074	5VDC Regulated Power Supply
82	1	LB2M-1T1111-10-B2J/JM-P2	Joystick
83	2	AOM7694HD	Monitor
84	2	SRA-EL2	Camera/Monitor Power Cable
85	1	SRA-EL3	Camera Cable 1
86	1	SRA-EL4	Camera Cable 2
87	1	SRA-EL5	Camera Cable 3
88	2	VCCS155-BECI	Camera
89	1	EB100-2	In-Cab Control Panel Box
90	1	EB200	In-Cab Control Panel Box Face Plate
91	1	XXXXSRA-CCM200	Control Panel Mount
92	1	XXXXSRA-CCM201	Control Panel Mount
93	1	XXXXSRA-CCM203	Joystick Mount
94	4	SRA-AS200	Auto Steer Linkage



ELECTRICAL COMPONENTS

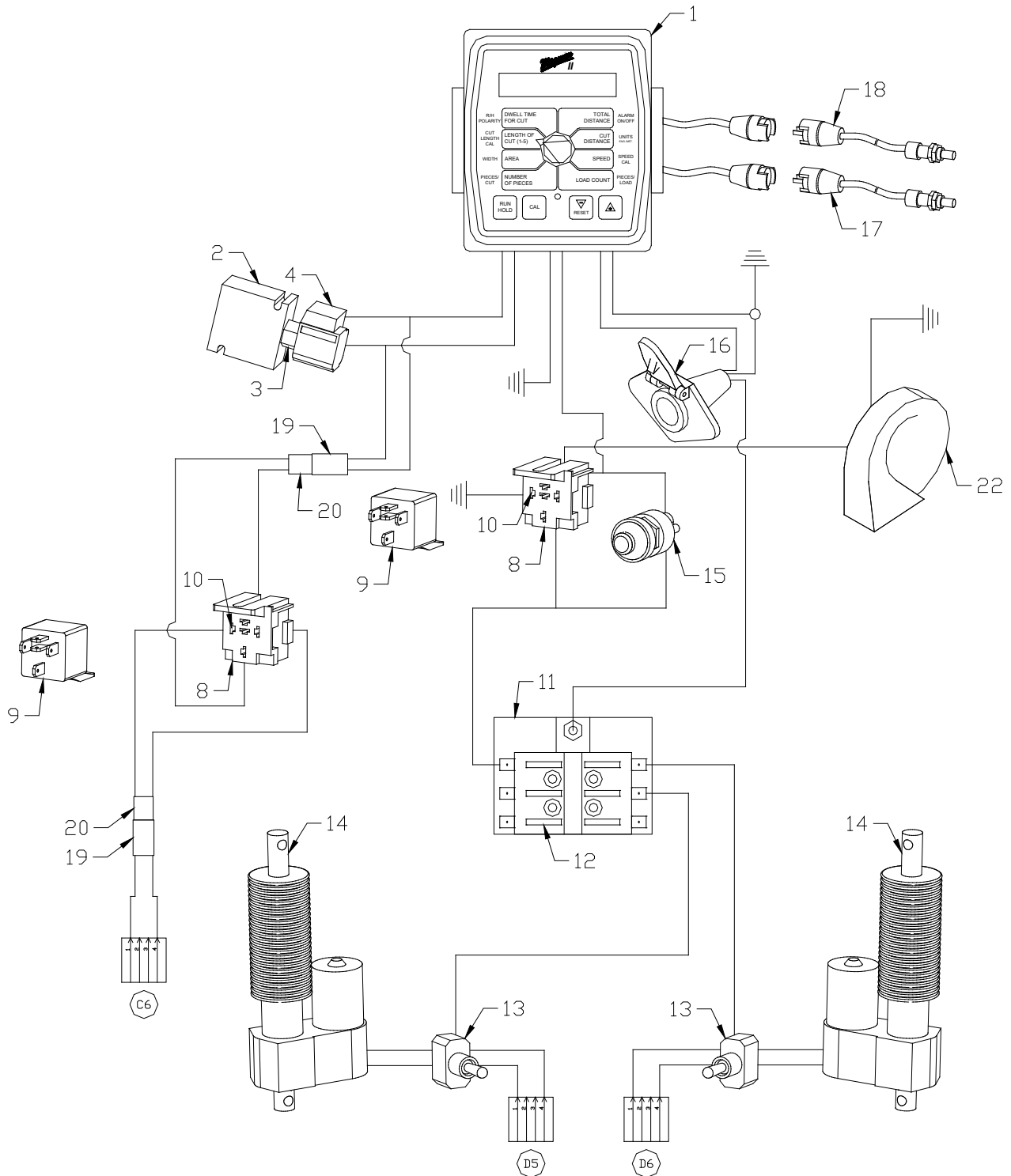
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
95	2	SRA-AS207	Auto Steer Linkage
96	6	1P003	Bearing Housing
97	6	YA100RR	Bearing
98	6	RSP101	Sensor Shaft
99	6	RSP100	Sensor Mounting Plate
100	3	9902045CW	Rotary Position sensor
101	1	SRA-AS211	Axle Sensor Linkage
102	1	SRA-AS212A	Axle Sensor Linkage
103	1	SRA-AS207	Axle Sensor Linkage
104	1	XXXXSRA-AS207	Axle Sensor Mount
Note: In item 91-93, and 104 part #'s "XXXX" is the Tractor Model (ex.5425SRA-AS200)			
105	1	SRA-TR203	Tube Rack Sensor Linkage
*106	1	SRA-TR204	Tube Rack Sensor Linkage
107	3	9902090CW	Rotary Position Sensor
108	1	AR-SC220	Second Conveyor Sensor Linkage
109	1	AR-SC221	Second Conveyor Sensor Linkage
110	1	AR-SC219	Second Conveyor Sensor Linkage
111	1	AR-TTPV206	Tipper Raise/Lower Sensor Linkage
112	1	AR-TTPV205	Tipper Raise/Lower Sensor Linkage
113	1	AR-TTPV202	Tipper Raise/Lower Sensor Linkage
114	2	SRA-TTPV202	Tipper Pivot Sensor Mount
115	1	3/32 Keyway	Keyway
116	1	SRA-TTPV203	Tipper Pivot Sensor Shaft
117	1	SRA-TTPV200	Tipper Pivot Sensor Mount
118	1	SRA-TTPV201	Tipper Pivot Sensor Mount
119	1	9810-726	Rotary Position Sensor
120	2	703X400	Spring

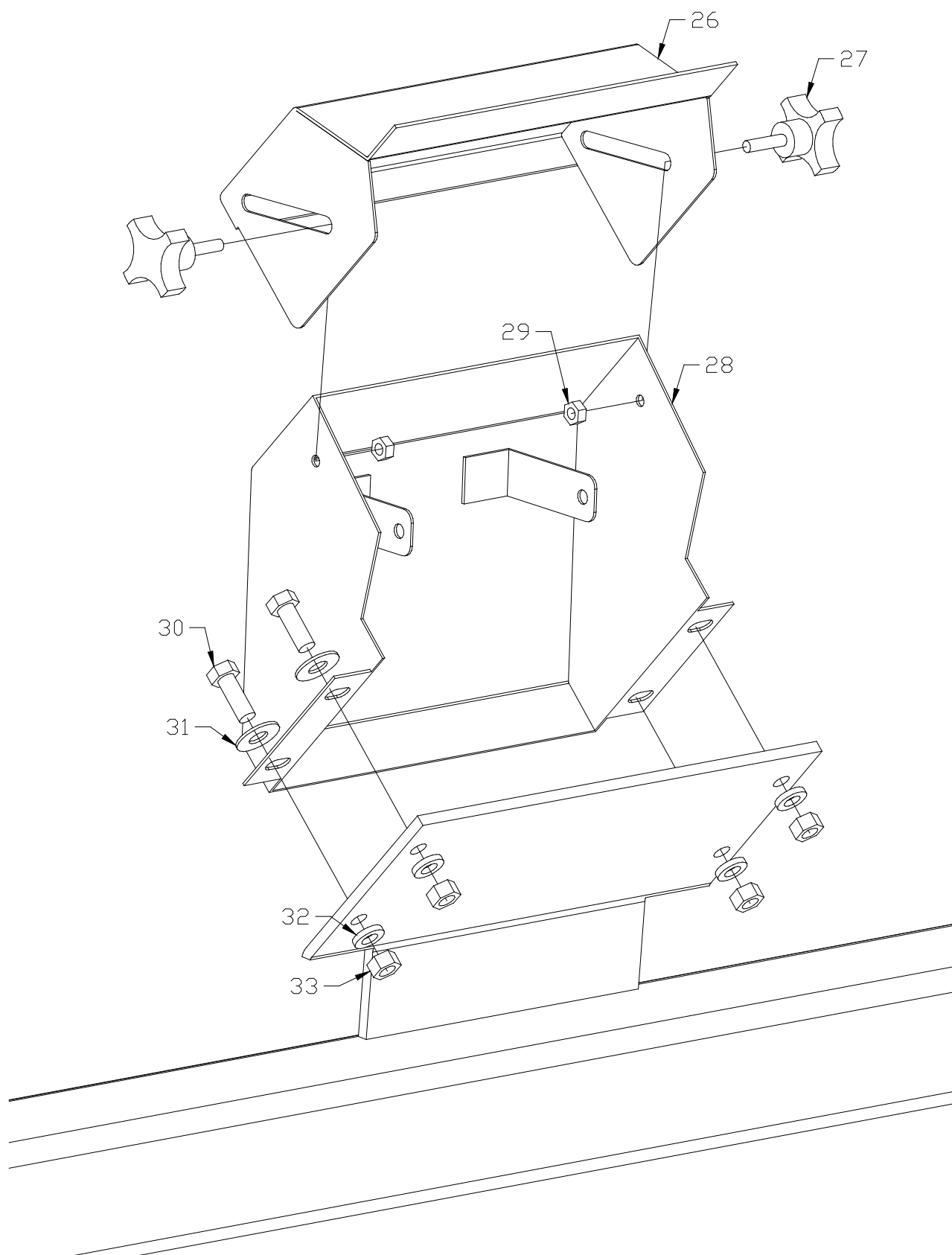
Notes:

1. Used only on machines up to serial number 106.
2. Used on machines up to serial number 106, and with SRA-A1-2 on serial number after 106.

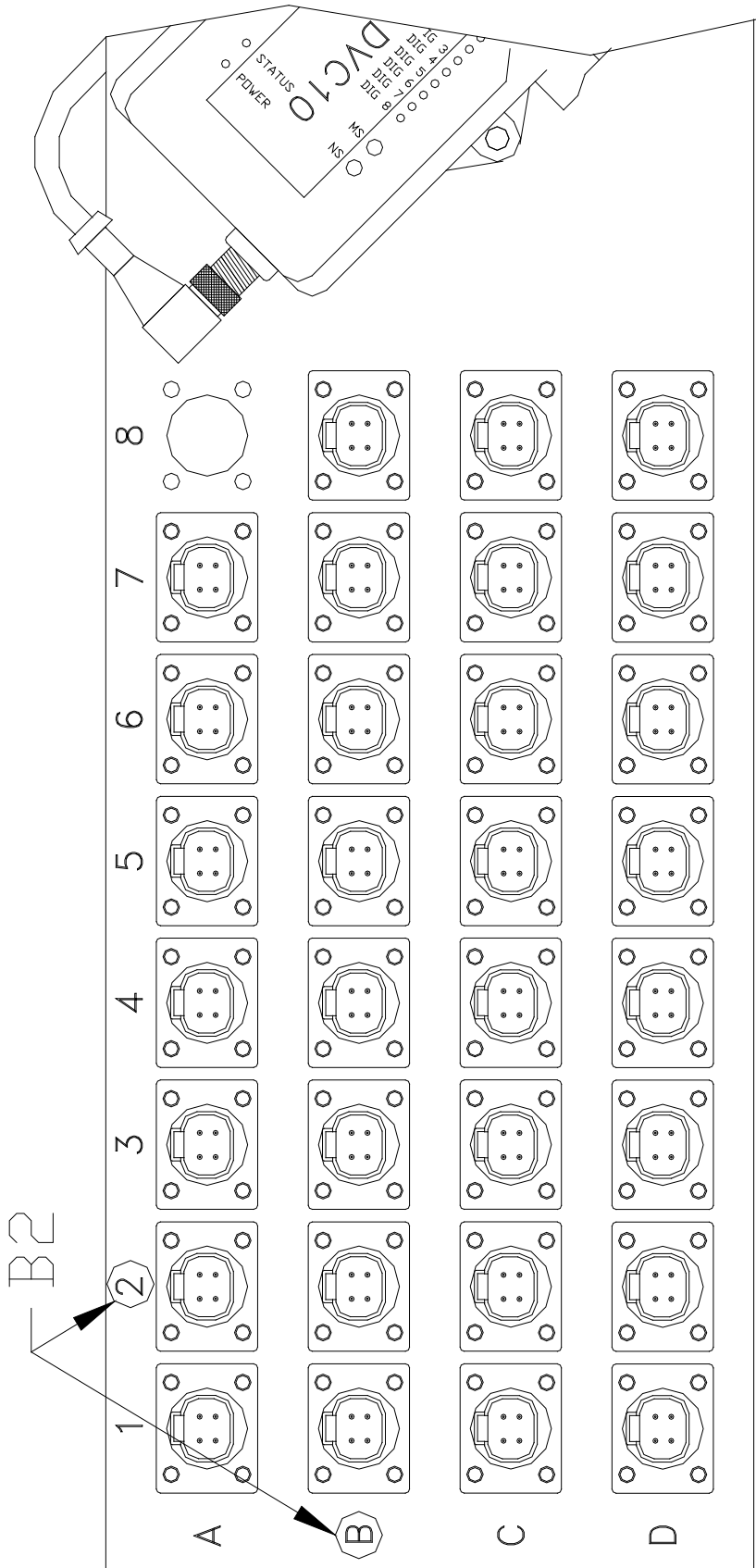


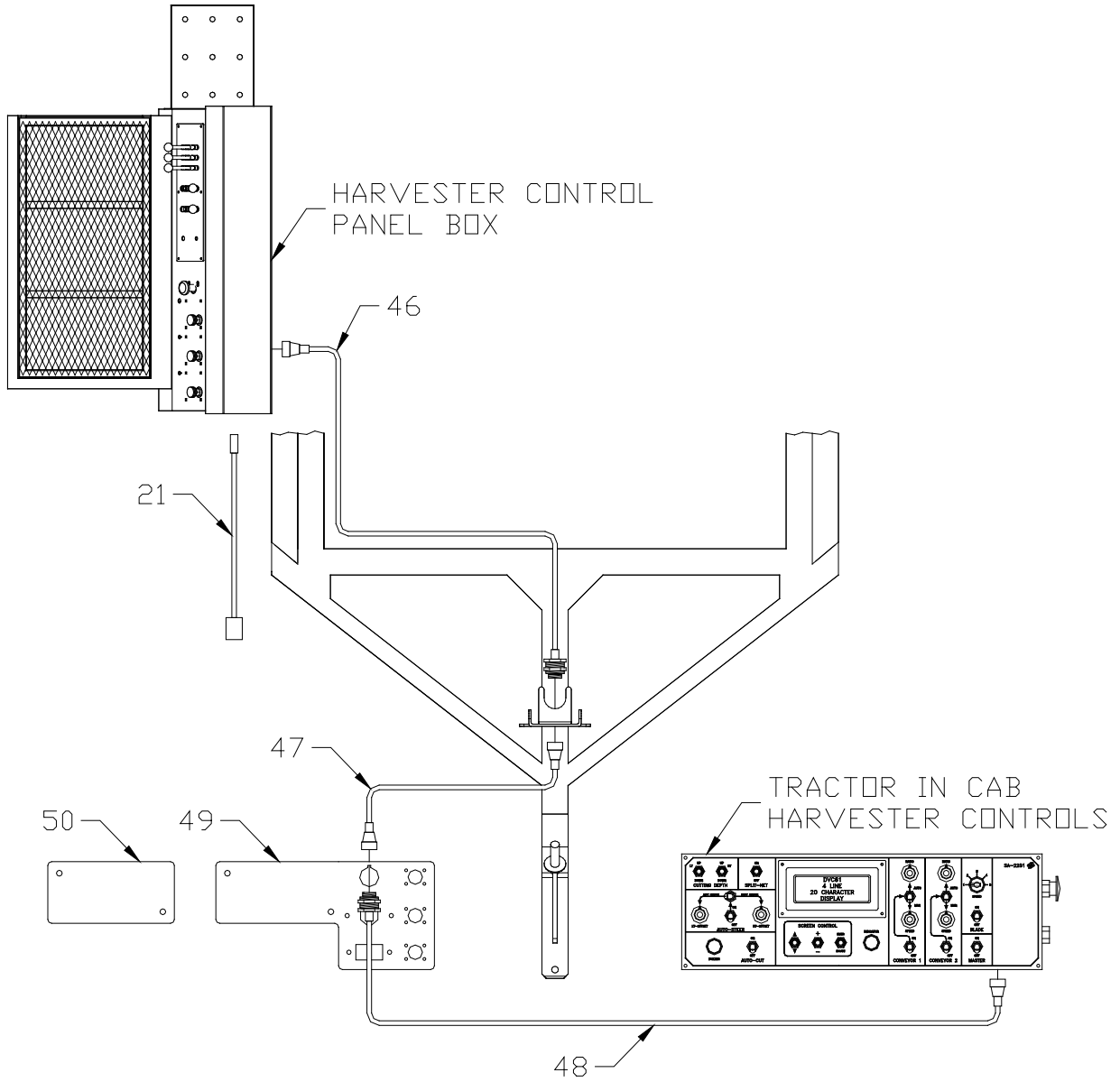
ELECTRICAL COMPONENTS



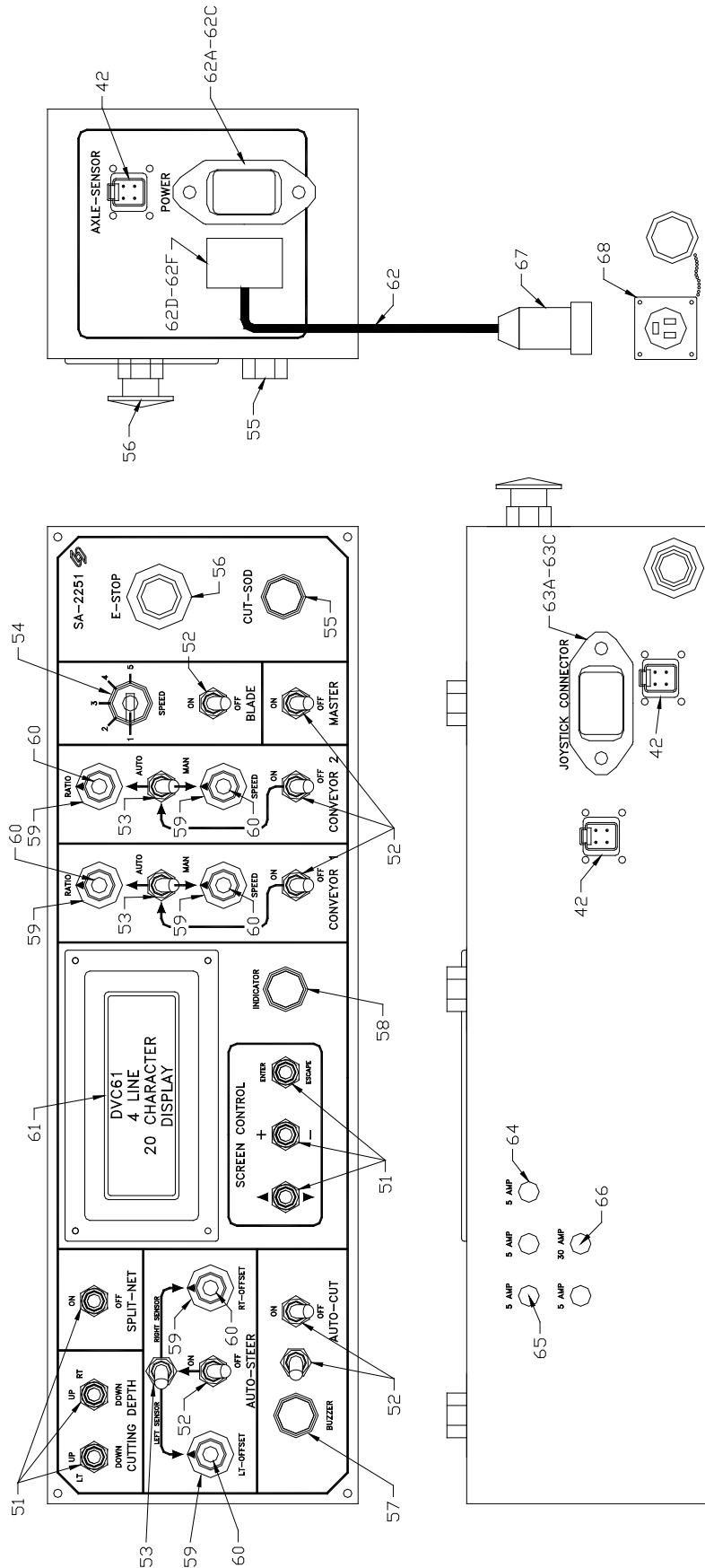


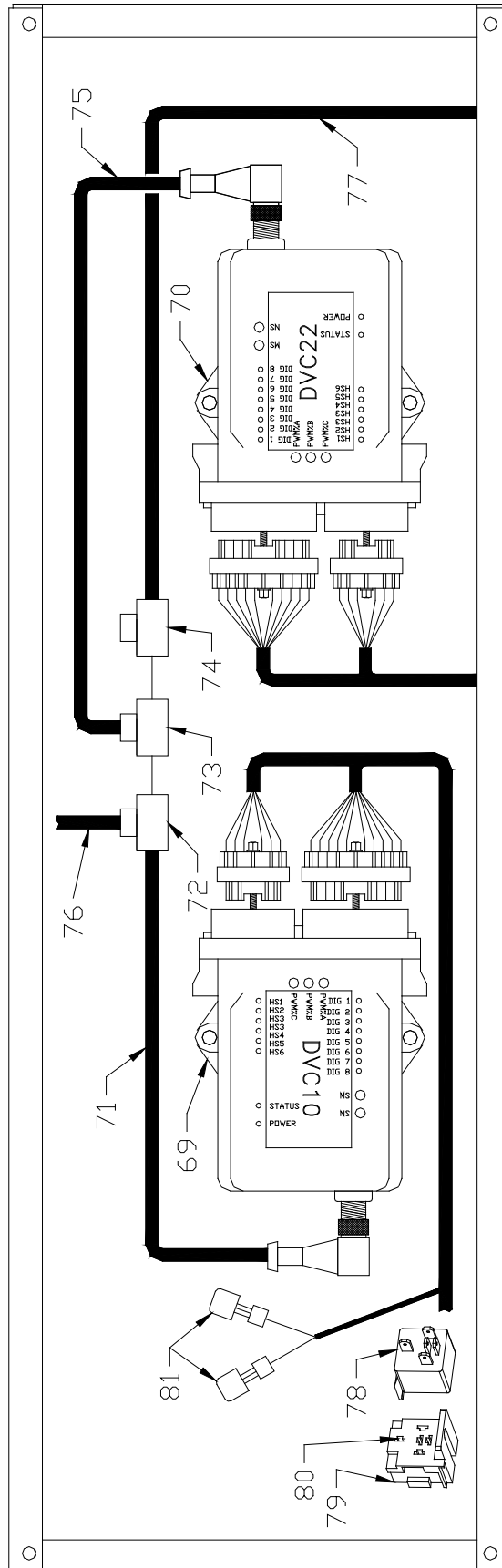


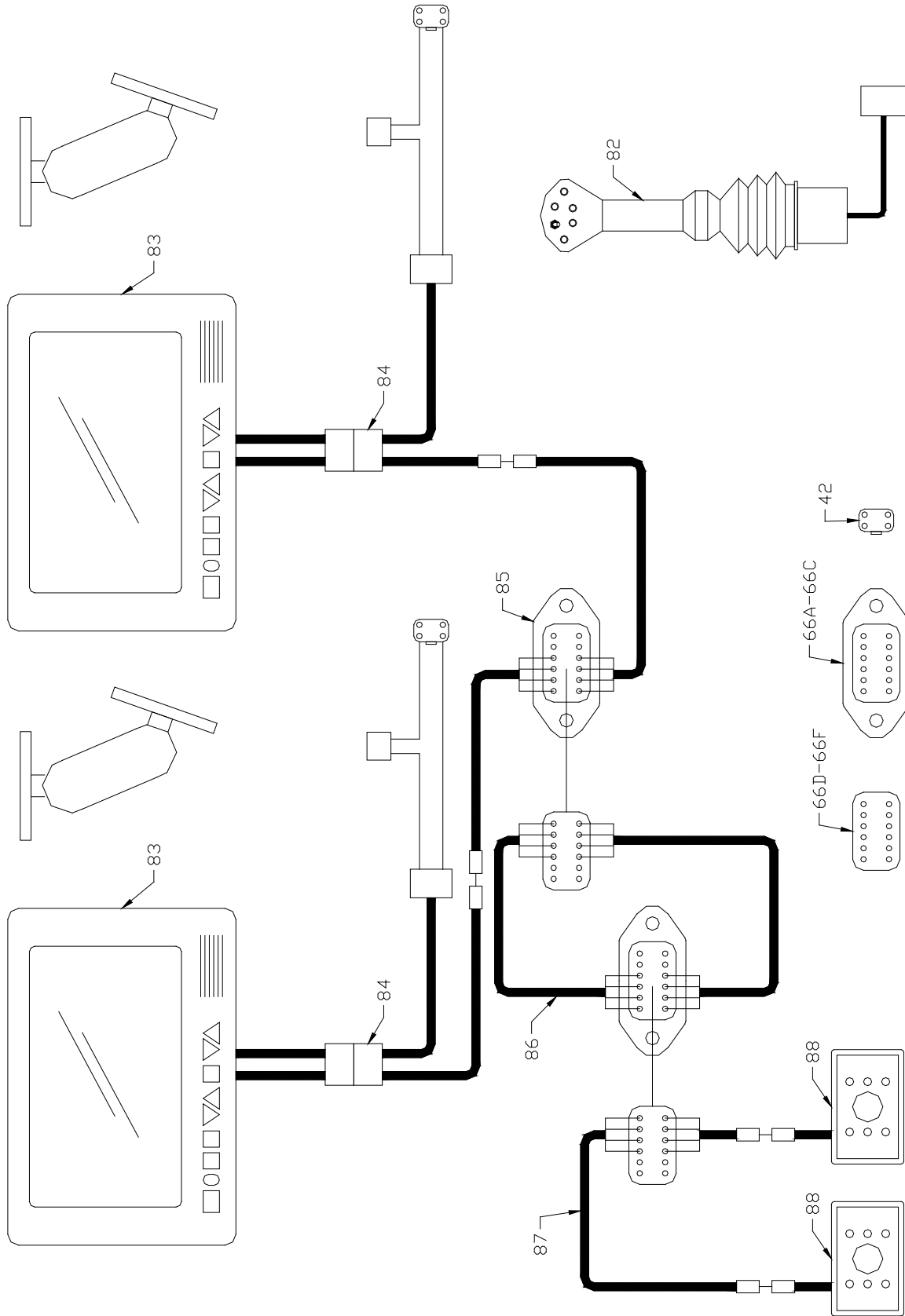


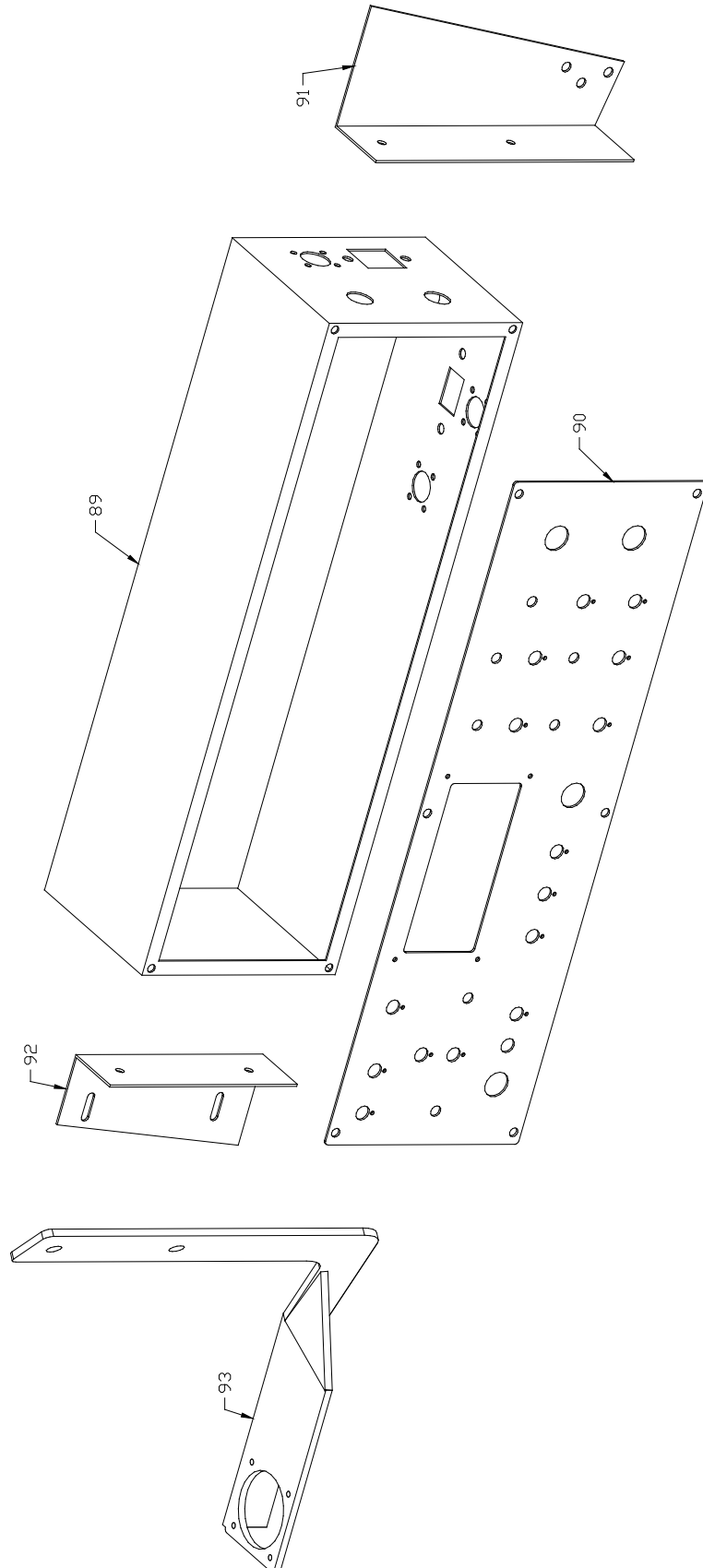


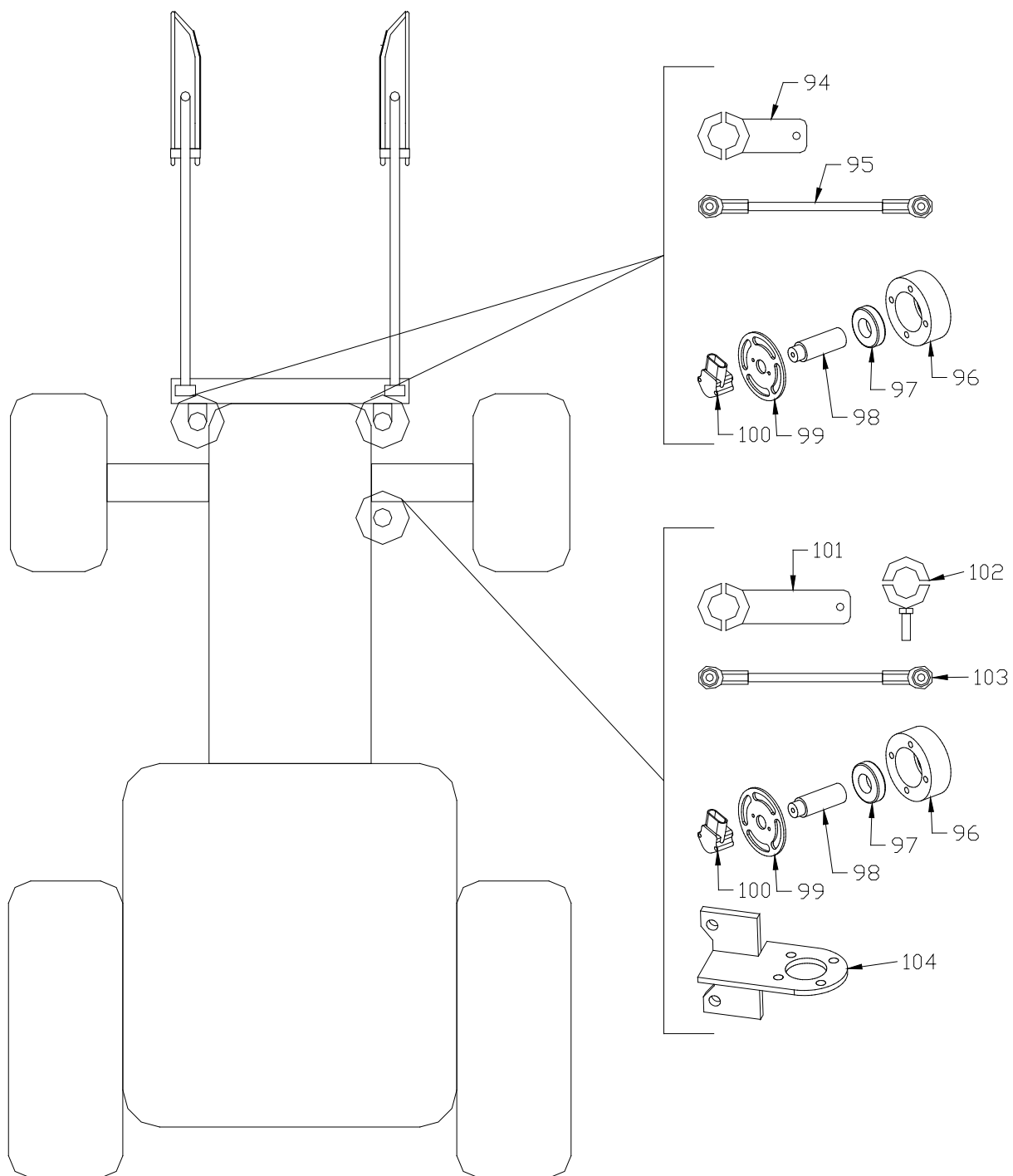
ELECTRICAL COMPONENTS



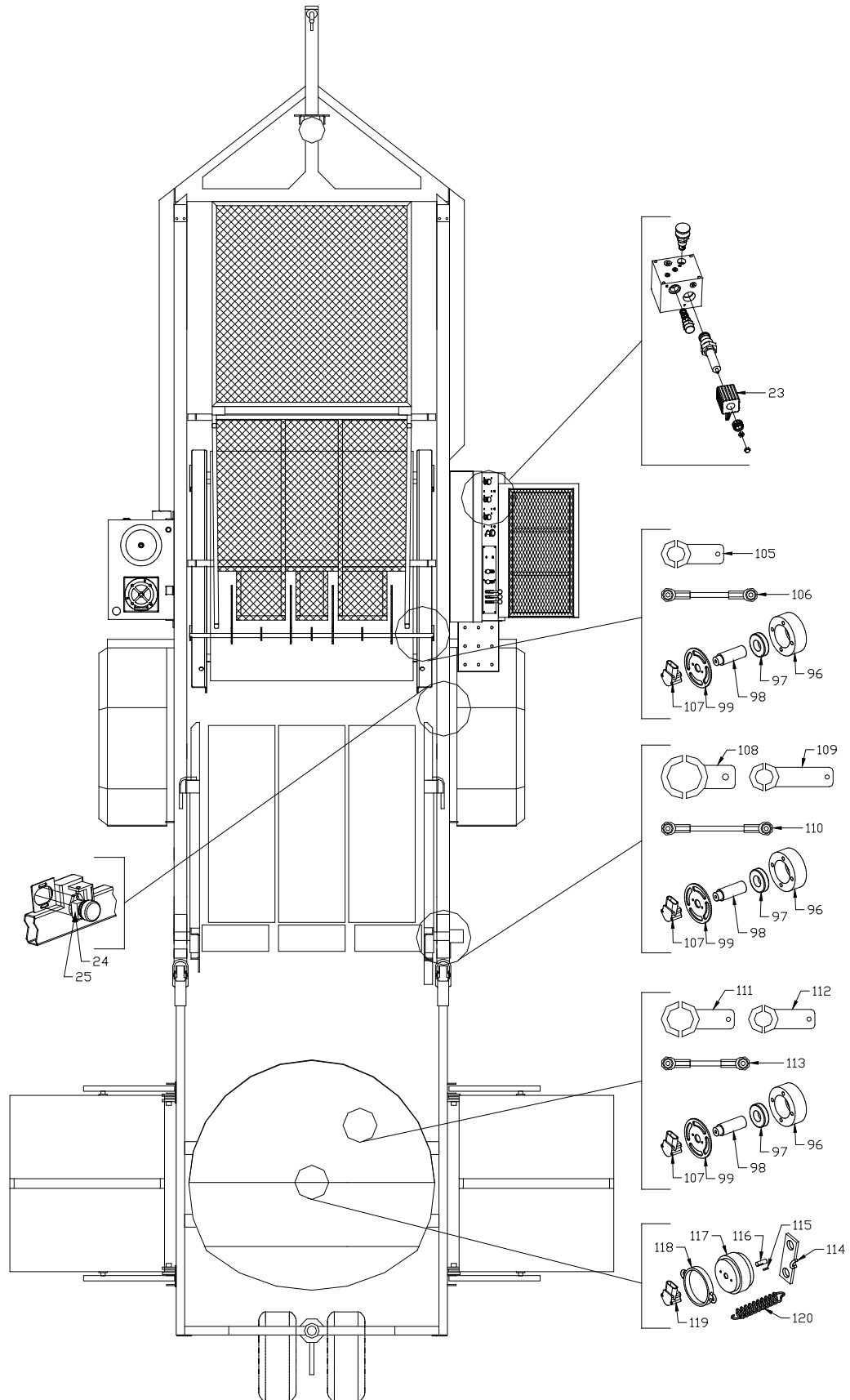








ELECTRICAL COMPONENTS



ELECTRICAL COMPONENTS

NOTES:



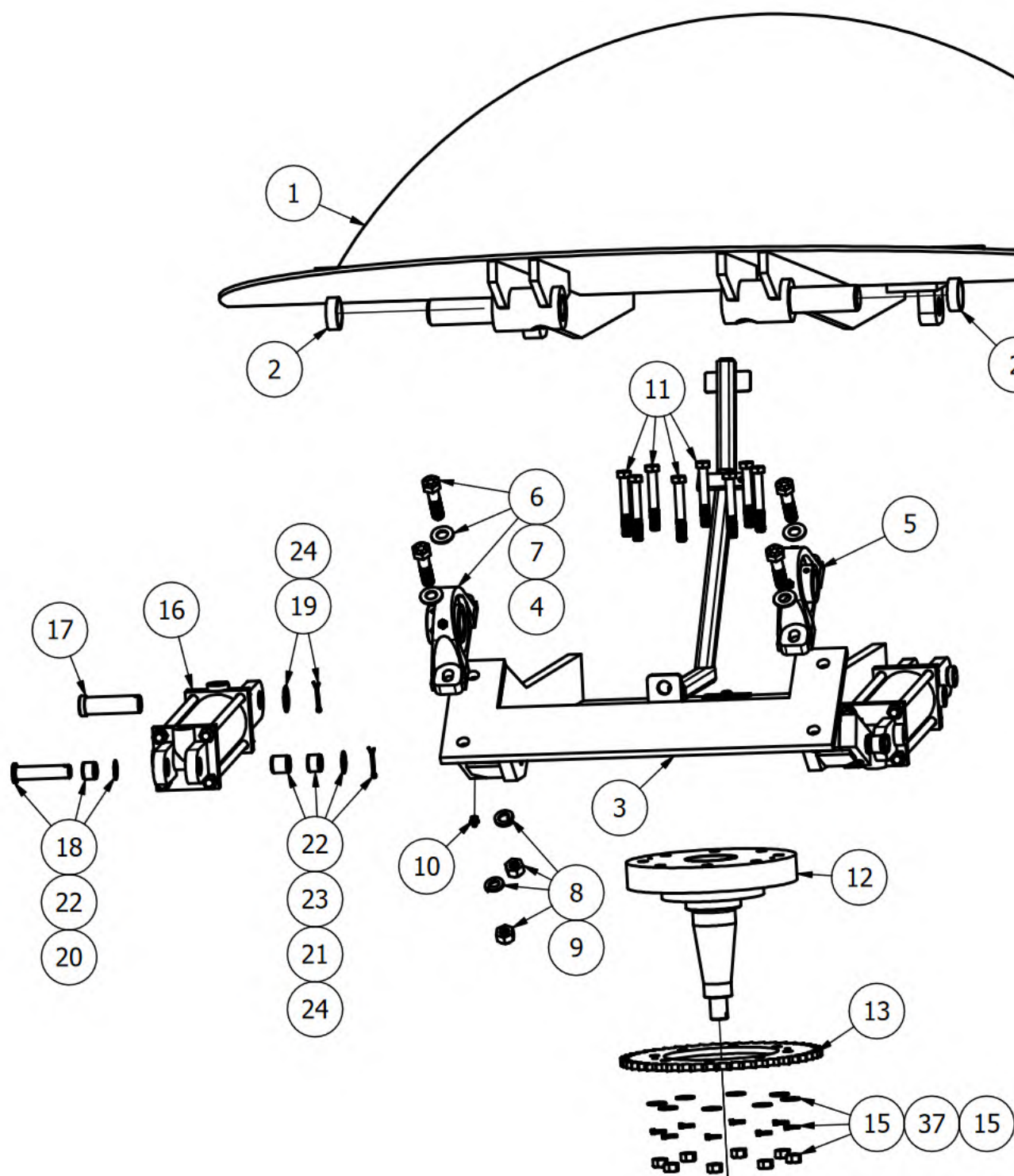
TIPPER PIVOT

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	480TTTT100	TIPPER TABLE
2	2	480TTTT010	2" OD X 1 5/8" ID PIVOT SPACER
3	1	480TTPV100	PIVOT WELDMENT
4	1	PB112	PILLOW BLOCK BEARING
5	1	PB112-BECI	PILLOW BLOCK BEARING
6	4	15313	5/8"-11 X 2 1/2" CAPSREW, PT GR8
7	4	33819	5/8" SAE WASHER
8	6	33897	5/8" LOCK WASHER
9	4	36314	5/8"-11 HEX NUT
10	2	58794	1/8" NPT GREASE FITTING, ST
11	12	13217	1/2"-13 X 3 1/2" CAPSCREW PT
12	1	480TTPV401-2	PIVOT SPINDLE WELDMENT
13	1	480TTPV118	TIPPER PIVOT SPROCKET
14	38	33817	1/2" SAE WASHER
15	18	36310	1/2"-13 HEX NUT
16	2	H0007	2" X 10" HYDRAULIC CYLINDER
17	2	P7729	1" CLEVIS PIN
18	2	SC219	3/4" CLEVIS PIN, GREASABLE
19	6	33444	1 X18 GA. WASHER
20	2	11017-03151	13_16 SPRING WASHER
21	2	33424	3_4 X 18 GA WASHER
22	4	100075075	STEEL SPRING BUSHING
23	2	100075100	STEEL SPRING BUSHING
24	8	65078	1/8" X 1-1/2" COTTER PIN
25	1	480TTPV402	TIPPER PIVOT CHAIN
26	1	60HCONLINK	60H FULL CONNECTING LINK
27	1	DU002-2	DUST SEAL
28	1	DU003-2	INNER CONE BEARING
29	1	SRA-TTPV400	SRA TIPPER PIVOT HUB
30	6	13210	1/2"-13 X 1 3/4" CAPSCREW
31	2	15307	5/8"-11 X 1 1/4" CAPSCREW, GR 8
32	2	9546K55	BUMPER, POLYURETHANE
33	4	36210	1/2"-13 JAM NUT
34	2	480TTMF007	MOTOR TENSIONER
35	1	60BS10HT1	60BS10HT 1" SPROCKET
36	1	480TTMF017	MOTOR TENSIONER PLATE
37	18	33895	1/2" LOCK WASHER
38	12	33859	3/8" FLAT WASHER

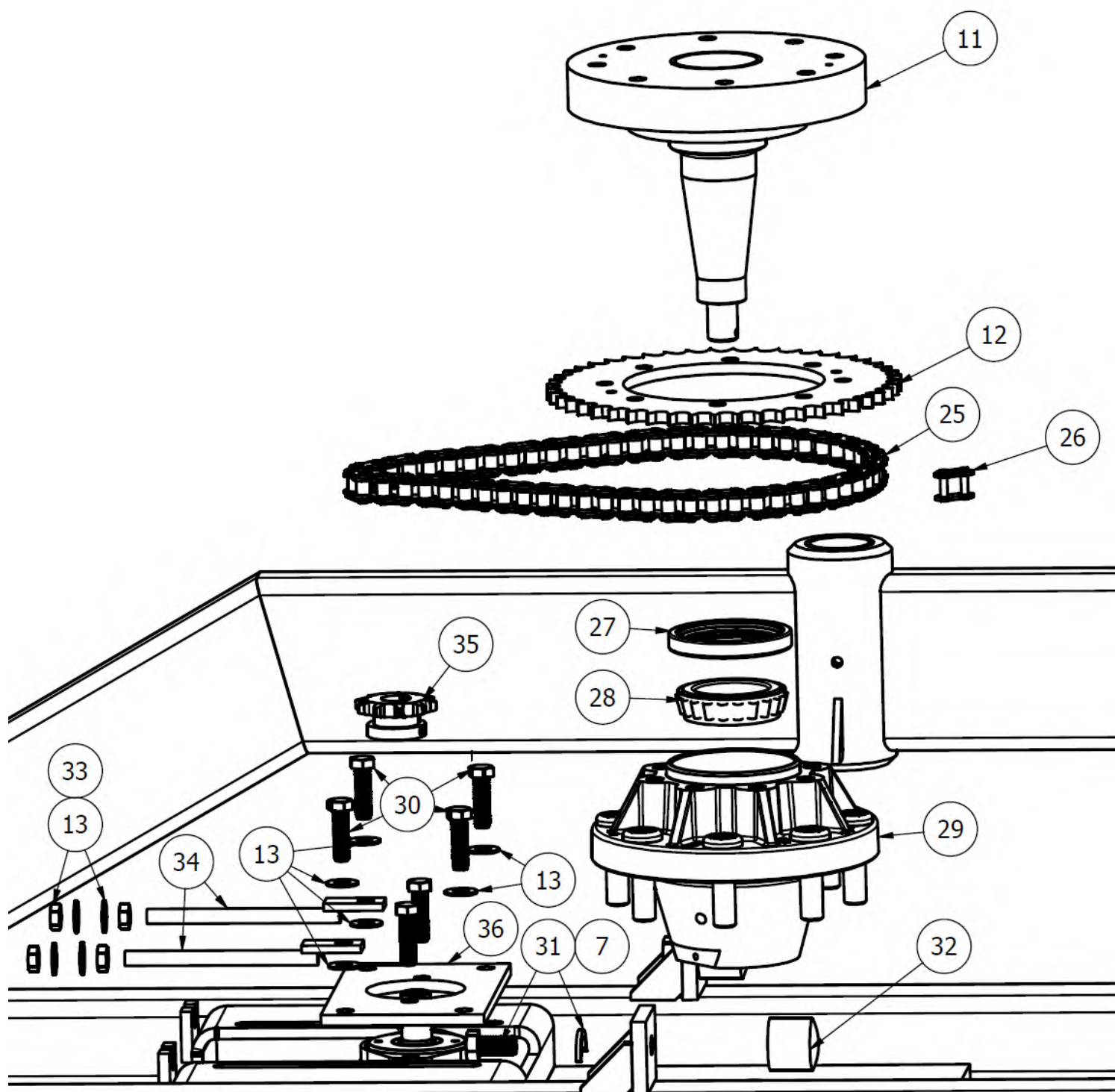
TIPPER PIVOT

39	10	33893	3/8" LOCK WASHER
40	6	36306	3/8"-16 HEX NUT
41	6	13107	3/8"-16 X 1 1/4" CAPSCREW
42	2	0171986	1_4-20 X 1_2 SET SCREW SQ HD
43	1	480TTMF013	TIPPER MOTOR SHIELD PLATE
44	1	SRA-TTMF200	PIVOT SENSOR ACCESS COVER
45	8	33632	3/4" LOCK WASHER
46	8	36366	3/4"-16 HEX NUT
47	2	SRA-TTPV202	PIVOT SENSOR MOUNT
48	2	703X400	EXTENSION SPRING
49	1	DU005	CONE BEARING
50	1	DU006	FLAT WASHER
51	1	DU007-SRATIP	TIPPER SPINDLE NUTS
52	1	SRA-TTPV200	PLATFORM RPS CARRIER
53	1	BKL/3 ASSY	BELLOWS COUPLING ASSEMBLY
54	1	SRA-TTPV201	PIVOT SENSOR MOUNT
55	1	9810-726	ROTARY POSITION SENSOR
56	2	28909	#8-32 x 1-1/4 MACHINE SCREW
57	2	33612	#8 ZINC FINISH MEDIUM SPLIT LOCK WASHER
58	4	13105	3/8"-16 X 1" CAPSCREW
59	4	33008	3/8" FLAT WASHER
60	1	DS200-X	HYDRAULIC MOTOR
Repair Kit			
	2	1C4244	Repair Kit for H0007

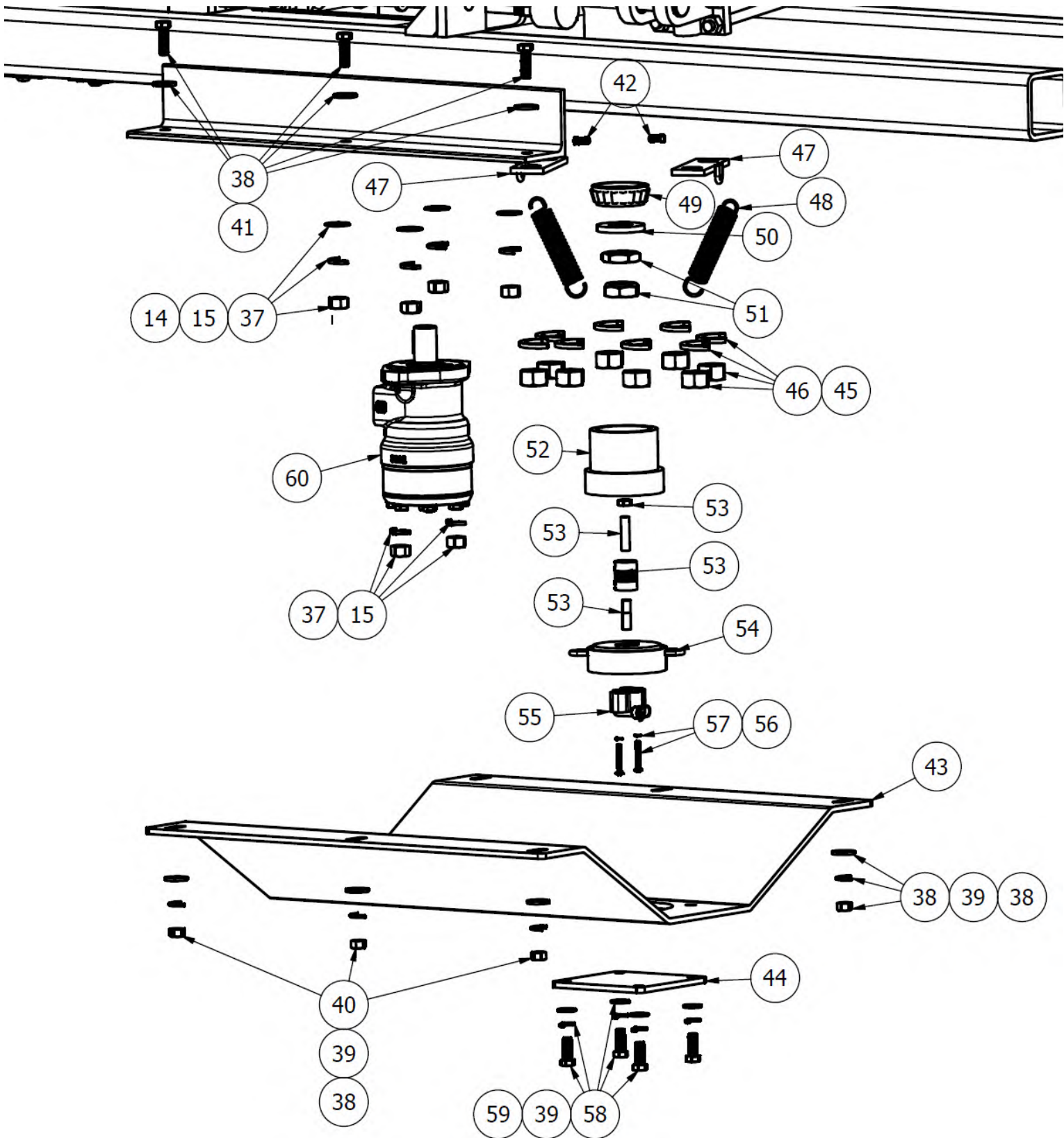
TIPPER PIVOT



TIPPER PIVOT



TIPPER PIVOT



TIPPER PIVOT

NOTES:

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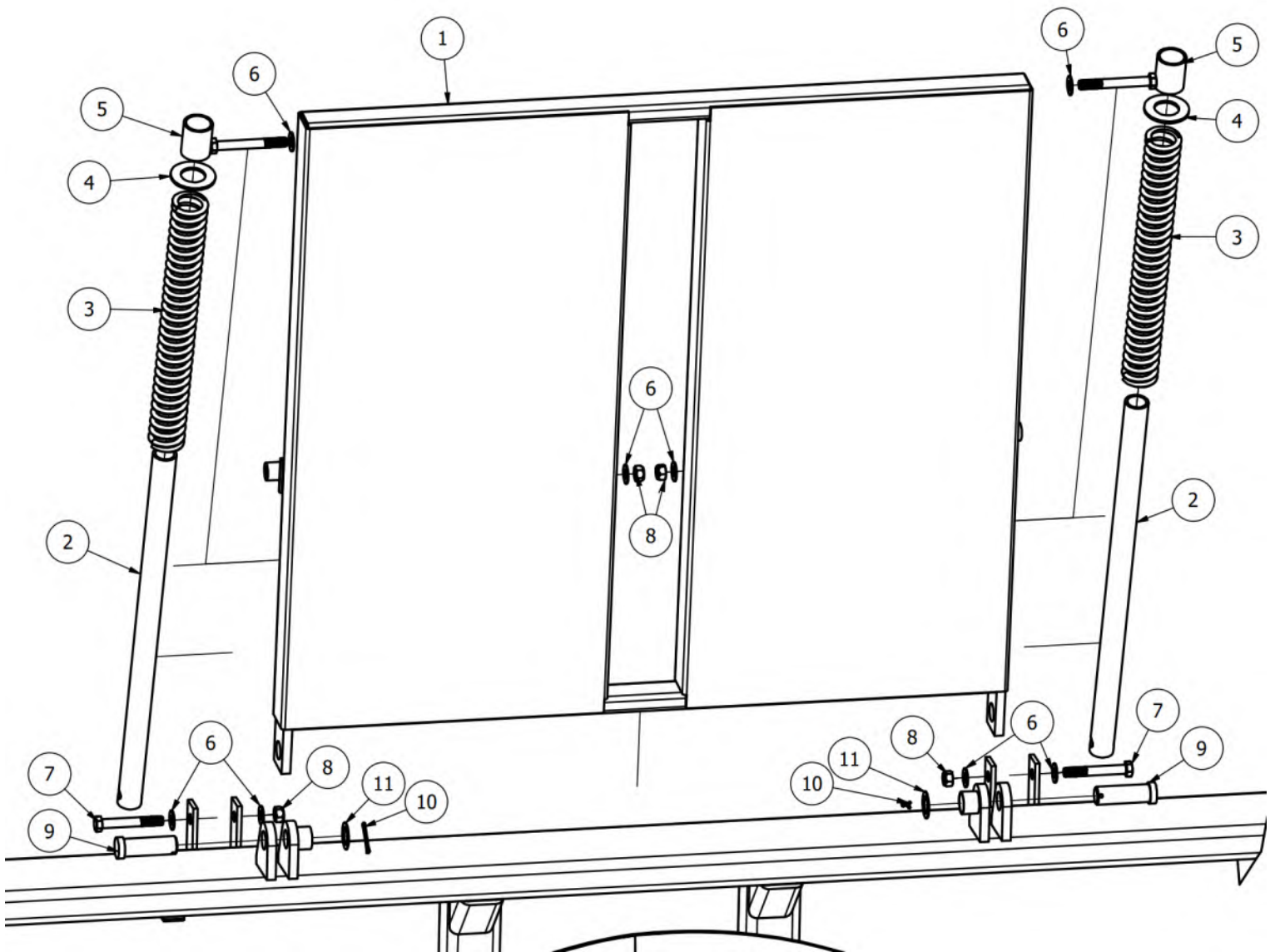
TIPPER RAMPS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	SRA-TTRP100	TIPPER RAMP
2	4	SRA-TTRP200	RAMP SPRING ROD, SRA
3	4	200X3125-16.5	SPRING, 16.5" LG
4	4	33100	1 1/4 - 10GA WASHER
5	4	200X3125.10	SHOCK MOUNT PIVOT SLEEVE
6	16	33817	1/2" SAE WASHER
7	4	13217	1/2"-13 X 3 1/2" CAPSCREW PT
8	8	37268	1/2"-13 LOCKNUT
9	4	0156796	1" X 3" CLEVIS PIN
10	4	65078	1/8" X 1-1/2" COTTER PIN
11	4	33444	1 X18 GA. WASHER

NOTE: QTY is total number per machine.



TIPPER RAMPS



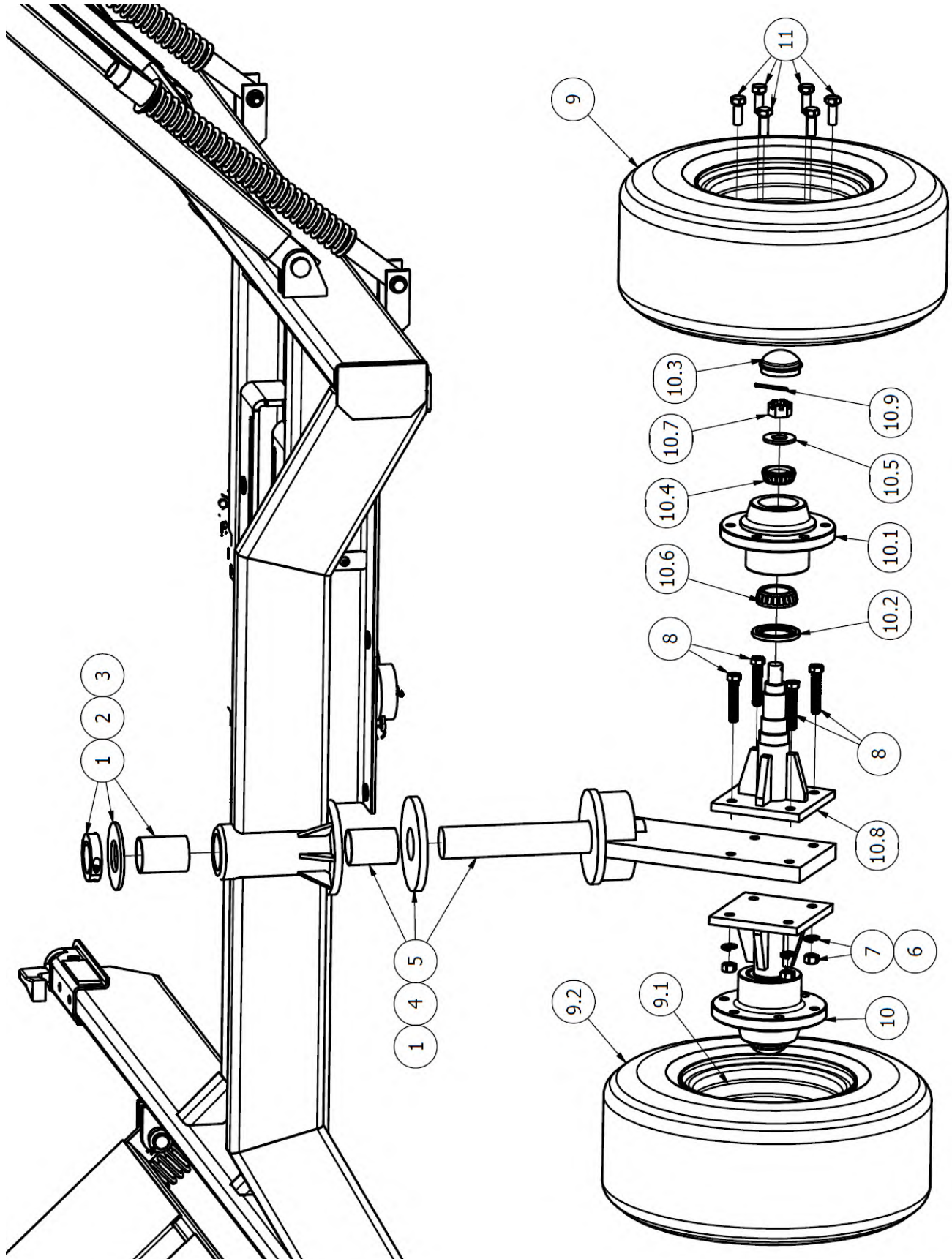
TIPPER RAMPS

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TIPPER CRAZY WHEEL

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	EP3236-48	2" ID X 0.125 WALL BUSHING
2	1	33495	2" x 14GA. WASHER
3	1	2C-200	2" 2PC SPLIT COLLAR
4	1	480TTCW100	PIVOT WHEEL SPINDLE
5	1	480TTCW004	UHMW BEARING PLATE
6	10	33895	1/2" LOCK WASHER
7	10	36310	1/2"-13 HEX NUT
8	4	0144579	1/2"-13 X 2 3/4" CAPSCREW, GR8
9	2	10X6RIM/10N95	WHEEL & TIRE ASSEMBLY
9.1	1	10X6RIM	RIM
9.2	1	10N95	TIRE, 20.5X8.0
10	2	W888	HUB ASSEMBLY
10.1	1	W003	HUB
10.2	1	W001	DUST SEAL
10.3	1	W007	DUST CAP
10.4	1	W004	OUTER CONE BEARING
10.5	1	W005	7/8" FLAT WASHER
10.6	1	DU003	OUTER CONE BEARING
10.7	1	DU007	SPINDLE NUT, 783 SPINLDE
10.8	1	W888A	SPINDLE WELDMENT
10.9	1	65106	5/32 X 1 3/4" COTTER PIN
11	12	12LUG	1/2"-20 LUG BOLT



TIPPER CRAZY WHEEL

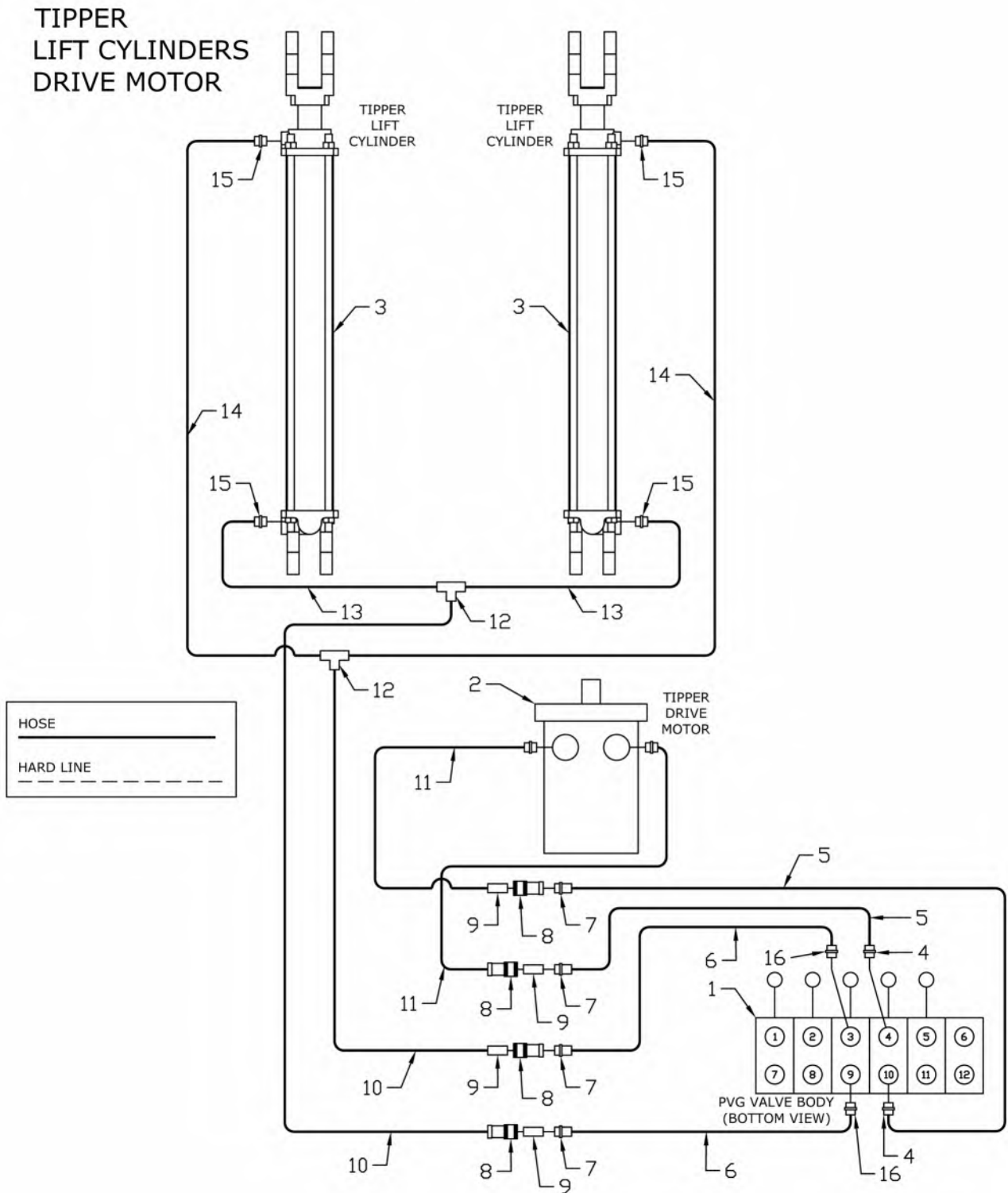
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TIPPER HYDRAULICS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CVA-1289 KIT	Selector valve assy
2	1	DS200-X	Hydraulic Motor
3	2	H0007	Hydraulic Cylinder
4	2	6400-06-10	6MJ-10MOR str
5	2	HSRAT-1	Hose assy
6	2	HSRAT-2	Hose assy
7	4	2706-LN-08-06	Fitting
8	4	FF-38-F	Quick Coupling, Female
9	4	FF-38-M	Quick Coupling, Male
10	2	HSRAT-3	Hose assy
11	2	HSRAT-4	Hose assy
12	2	FG2703-LN-8	T Fitting
13	2	HSRT-2	Hose Assy.
14	2	HSRT-1	Hose Assy.
15	4	FG2404-08-06	Fitting
16	2	6400-10-10	10MJ-10MOR ST

TIPPER HYDRAULICS



TIPPER HYDRAULICS

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



PRINTED IN THE USA

PARTS MANUAL PN SRAPRTMNL01-0