

MAGNUM FIELD NET INSTALLER

PARTS MANUAL



MAGNUM BN-1720

Bucyrus Equipment Co., Inc.
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Hillsdale, Ks 66036
1-800-330-0857
www.magnumenp.com

RE-ORDER NUMBER: BN-
MANUAL REVISION: BN-000000



MAGNUM BN-1720 PARTS MANUAL

The purpose of this manual is for parts identification of the Magnum BN-1720 Field Net Installer. This manual is not to be used for assembly. This manual includes parts lists and illustrations of all available replacement parts for the Magnum Field Net Installer. A table of contents is placed at the beginning of the manual for location of specific parts. Keep this manual available for reference in the shop area.

At the time of publication all information contained in this manual was technically correct. However, all materials and specifications are subject to change without notice.

Comments and suggestions about this manual may be directed to: Bucyrus Equipment Co., Inc., PO Box 156-209 Main, Hillsdale, KS 66036. Phone 1-800-330-0857

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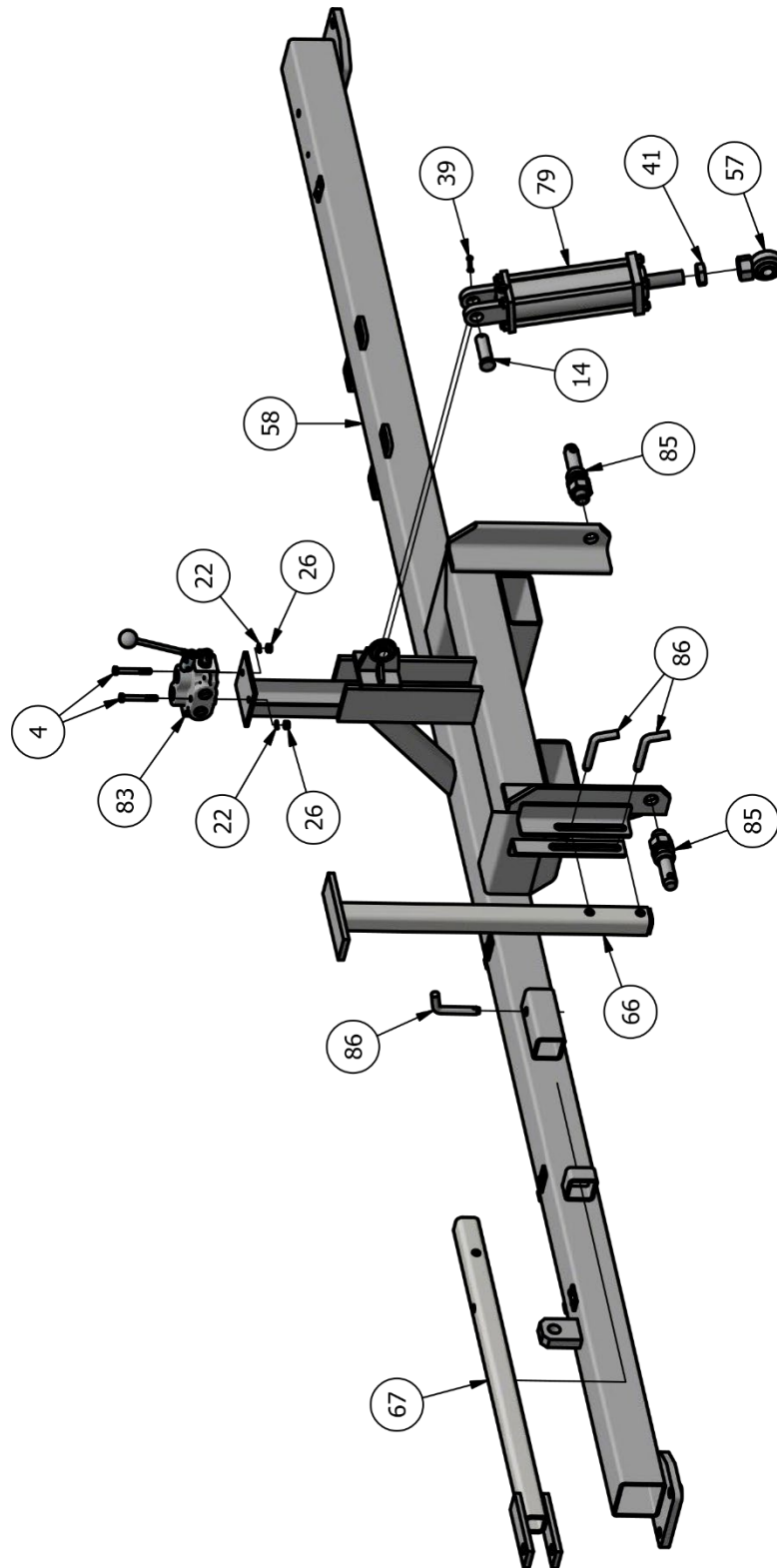
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Section 3	Electrical
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Section 5	Staker

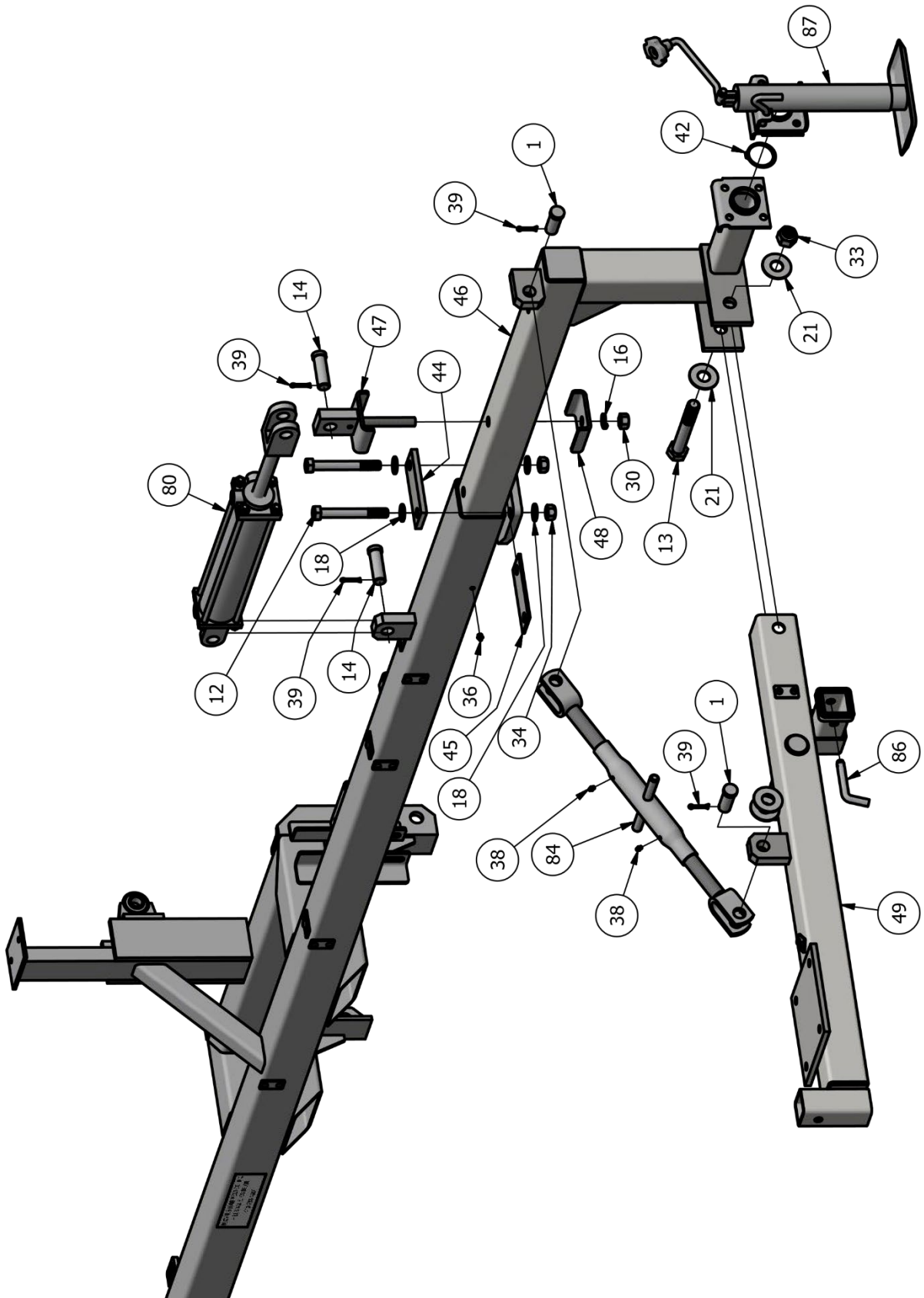
Parts Section - Parts List

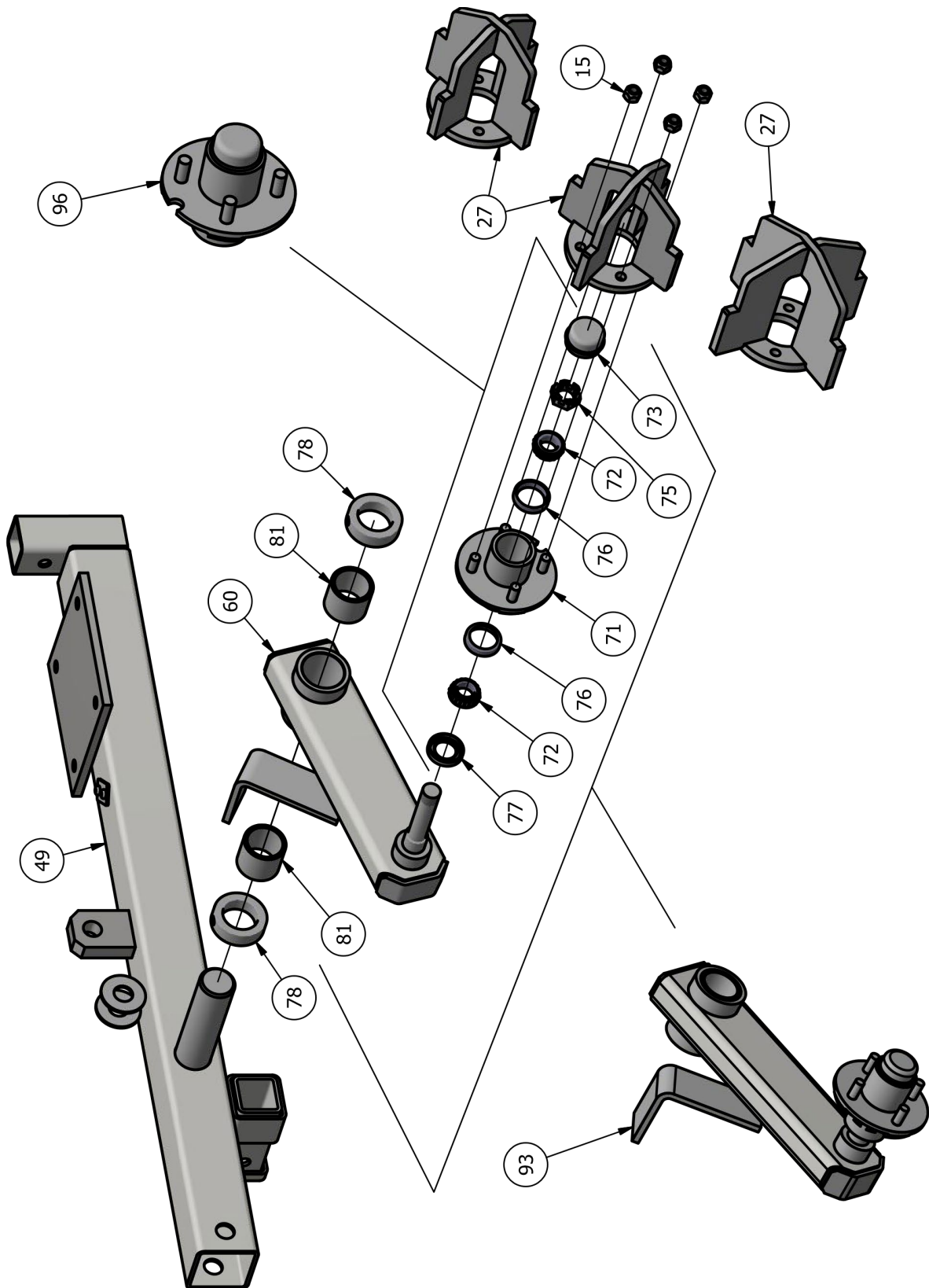
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	0156795	1" X 2 1/2" CLEVIS PIN
2	4	124103	1" - 4 BOLT FLANGE BEARING
3	4	13109	3/8"-16 X 1 1/2" CAPSCREW PT
4	2	13115	3/8"-16 X 3" CAPSCREW PT
5	8	13160	7/16"-14 X 1 3/4" CAPSCREW, PT
6	1	13223	1/2"-13 X 5 CAPSCREW, PT
7	12	13359	3/4"-10 x 1 1/2" CAPSREW
8	2	15007	1/4"-20 X 1 1/4" CAPSCREW, PT GR8
9	2	15013	1/4"-20 X 2 1/2" CAPSREW, PT GR8
10	2	15265	9/16"-12 X 3" CAPSCREW, PT, GR 8
11	8	15313	5/8"-11 X 2 1/2" CAPSREW, PT GR8
12	4	15375	3/4"-10 X 6" CAPSCREW, PT, GR8
13	1	15477	1"-8 X 7" CAPSCREW, PT, GR 8
14	3	P7729	1" X 3" CLEVIS PIN
15	28	30422	1/2"-20 LUG NUT
16	1	33632	3/4" LOCK WASHER
17	8	33819	5/8" SAE WASHER
18	8	33820	3/4" SAE WASHER
19	2	33861	1/2" FLAT WASHER
20	4	33862	9/16" USS FLAT WASHER UNFINISHED
21	2	33866	1" FLAT WASHER
22	6	33893	3/8" LOCK WASHER
23	8	33894	7/16" LOCK WASHER
24	1	33895	1/2" LOCK WASHER
25	8	33897	5/8" LOCK WASHER
26	6	36306	3/8"-16 HEX NUT
27	8	36308	7/16"-14 HEX NUT
28	1	36310	1/2"-13 HEX NUT
29	8	36314	5/8"-11 HEX NUT
30	1	36316	3/4"-10 HEX NUT
31	4	37018	1/4"-20 NYLOC NUT
32	2	37189	9/16"-12 NYLOC HEXNUT
33	1	37192	1"-8 NYLOC HEX NUT, GR 8
34	4	37274	3/4"-10 LOCKNUT
35	4	4.80/4.00-8TW	TIRE AND RIM
36	2	58794	1/8" NPT GREASE FITTING, ST
37	2	PW1000-ASSY	PRESS WHEEL ASSEMBLY
38	6	60105	1/4"-28 GREASE FITTING, ST

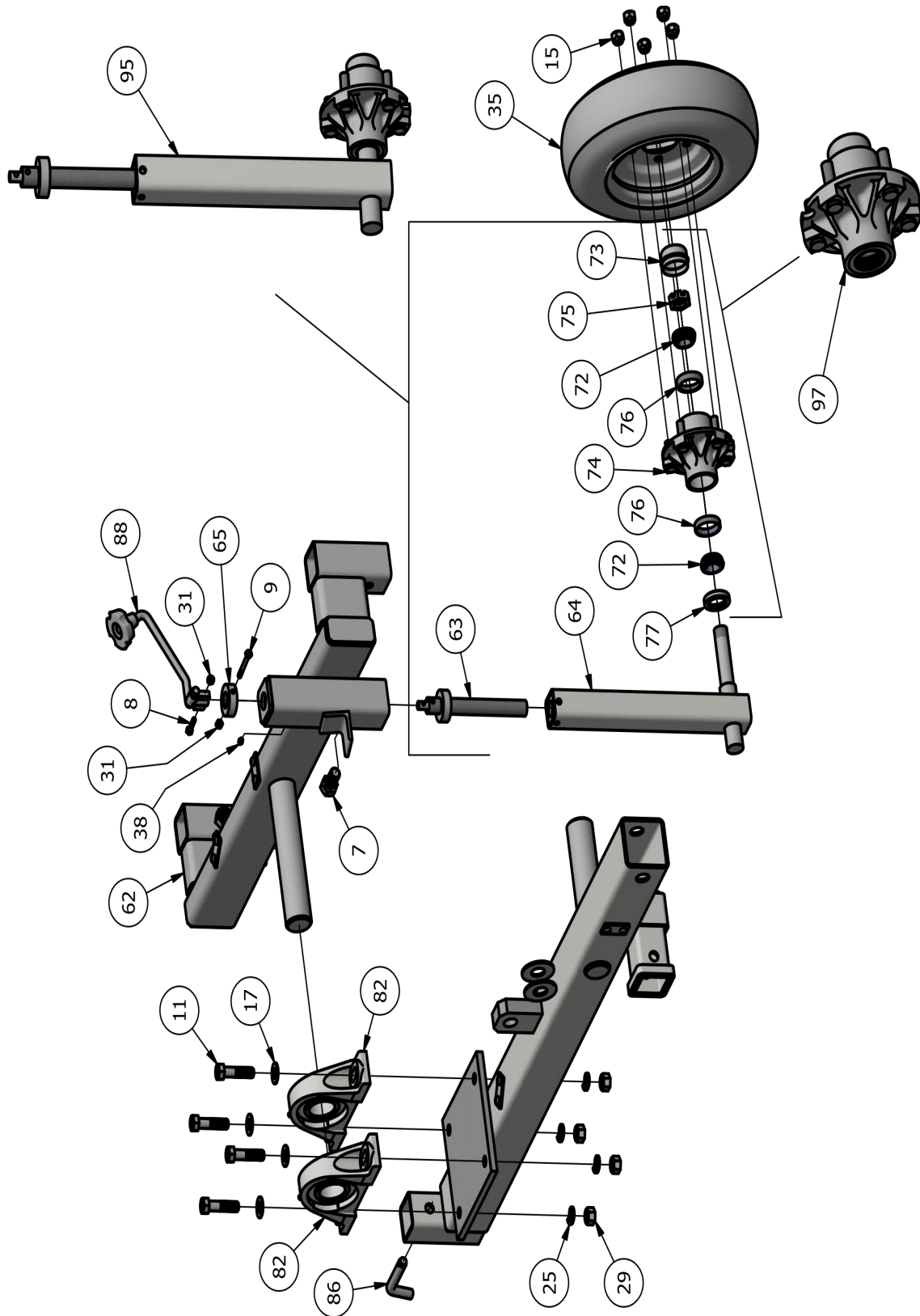
ITEM	QTY	PART NUMBER	DESCRIPTION
39	5	65127	3/16" COTTER PIN
40	2	6IN-BN100 8IN-BN100 BN100	BAR NET CONE, 6 " BAR NET CONE, 8" BAR NET CONE, 4"
41	1	94846A558	1 1/8"-12 JAM NUT
42	1	98410A156	2 5/16" EXTERNAL SNAP RING
43	1	BN-AL100	LEFT SIDE ARM FRAME
44	2	BN-AM200	ARM CLAMP PLT
45	2	BN-AM201	ARM CLAMP SHIM
46	1	BN-AR100	RIGHT SIDE ARM FRAME
47	1	BN-AR101	ARM CYLINDER MOUNT
48	1	BN-AR101B	ARM CYLINDER MOUNT
49	1	BN-AR102	RIGHT SIDE ARM
50	2	BN-DA100	DISK ATTACHMENT HORZ MOUNT
51	2	BN-DA101	DISK ATTACHMENT
52	2	BN-DA102	DISK ATTACHMENT HORZ. MOUNT
53	2	BN-DA200	DISK ATTACHMENT COULTER
54	2	BN-DA201	DISK ATTACHMENT SHAFT
55	1	BN-DCL100	FIELD NET INSTALLER MODEL DECAL
56	1	BN-DCL101	MAGNUM LOGO, 3.25" X 5.5", BLACK
57	1	BN-HYD100	HYDRAULIC CYLINDER BALL END
58	1	BN-MF100	FIELD NET INSTALLER MAIN FRAME
59	1	BN-NA100	NET ARM, RHS
60	1	BN-NA101	NET ARM, LHS
61	1	BN-PB100	PIVOT BAR, LHS
62	1	BN-PB101	PIVOT BAR, RHS
63	2	BN-PB102	DEPTH ADJUSTMENT SCREW
64	2	BN-PB103	DEPTH ADJUSTMENT SPINDLE
65	2	BN-PB200	DEPTH ADJUSTMENT COLLAR
66	1	BN-SW100	FRAME STAND
67	1	BN-SW101	FRAME HITCH
68	2	BN-SW102	TRAIL WHEEL
69	2	BN-SW103	TRAIL WHEEL HORZ. MNT.
70	2	BN-SW104	TRAIL WHEEL VERT. MNT.
71	2	30421 HC	4 BOLT HUB
72	12	30427	BEARING
73	6	30426	DUST CAP
74	4	BT150HR	5 BOLT HUB
75	6	SN1000	CASTLE NUT
76	12	L44610	BEARING RACE

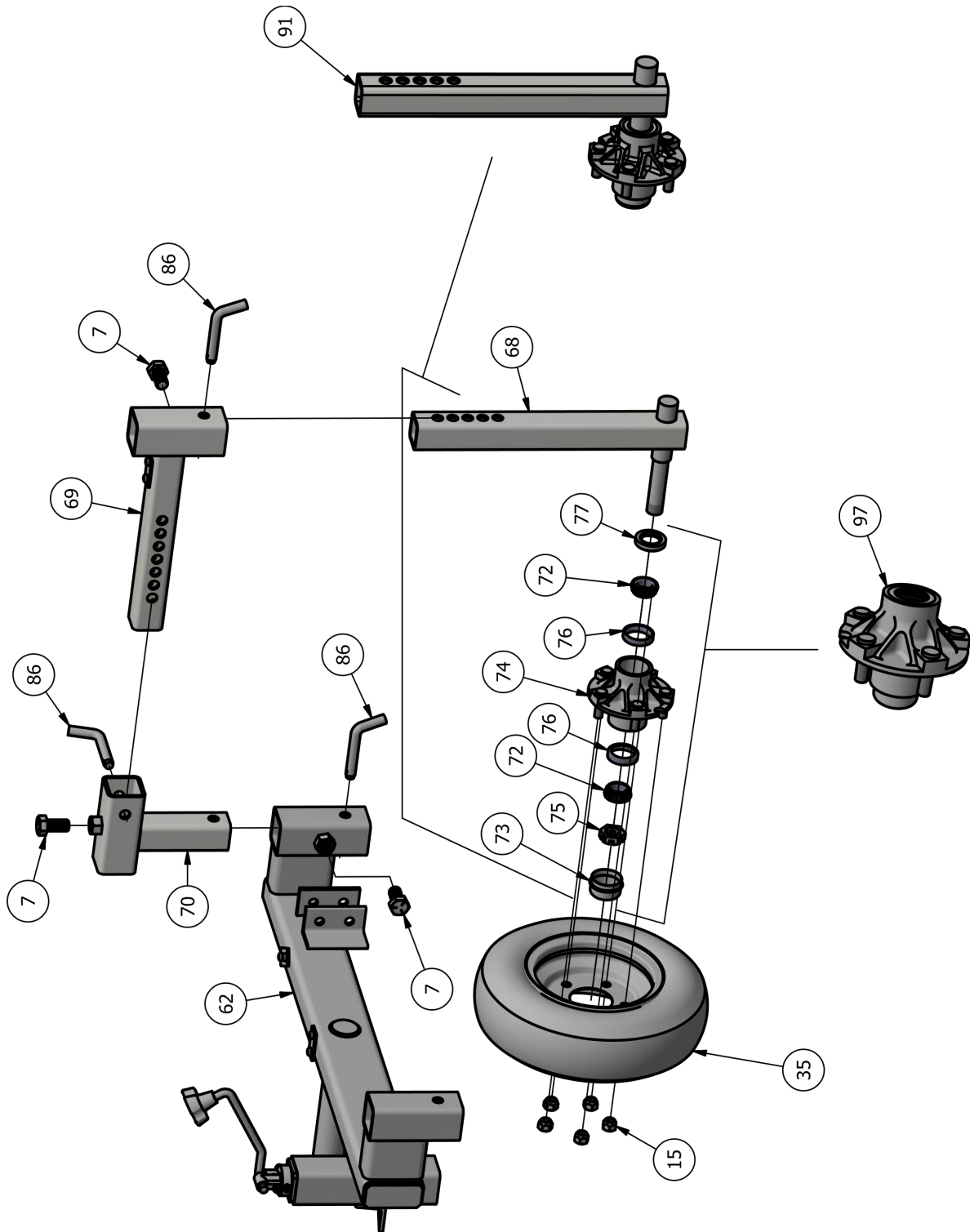
ITEM	QTY	PART NUMBER	DESCRIPTION
77	6	30429	SEAL
78	4	C-200	2" ID SET COLLAR
79	1	CY2008L ASAE	HYDRAULIC CYLINDER, 2" X 8"
80	1	CY2014L	HYDRAULIC CYLINDER, 2" X 14"
81	4	EP323832	2"ID X 2 3/8" OD X 2" LG BRONZE BUSHING
82	4	PB200	2" PILLOW BLOCK BEARING
83	1	PHDS-1A1E	CONTROL VALVE
84	1	S01050300	TOPLINK IMPLEMENT JACK
85	2	S07021200	CAT 2 DRAW PIN
86	17	S07111200	5/8" X 3" BENT PIN
87	1	S10030100	TONGUE JACK, FLANGE MNT
88	2	S10110300	JACKSTAND HANDLE ASSEMBLY
89	2	STKB	WARNING STAY CLEAR CRUSH HAZARD
90	1	STKG	BUCYRUS EQUIPMENT CO., INC. DECAL
91	2	BN-SW900	TRAIL WHEEL ASSEMBLY.
92	2	BN-DA900	DISK ATTACHMENT ASSEMBLY
92a	1	N169390	SUPPORT
92b	1	N169120	ARM. RHS
92c	1	N169121	ARM, LHS
92d	1	AN162730	ARM
92e	1	AN210422	WHEEL
92f	1	24H1476	SHIM
92g	1	N168012	BELLVILLE WASHER
92h	1	N166255	1/2"-13 X 3" CAPSCREW, PT
92i	1	14H909	1/2"-13 CASTLE NUT
92j	1	A3581R	SPRING LOCKING PIN
92k	1	19H1732	3/8"-16 X 1 1/4" CAPSCREW
92l	1	K40003	3/8"-16 LOCKNUT
92m	1	03H1856	5/8"-11 X 2 1/4" CARRIAGE BOLT
92n	1	24H1740	21/32" X 1-3/8" X 0.032 WASHER
92o	1	24H1368	21/32" X 1-5/16" X 0.09 WASHER
92p	1	K40015	5/8"-11 LOCKNUT
93	1	BN-NA901	NET ARM, LHS ASSEMBLY
94	1	BN-NA900	NET ARM, RHS ASSEMBLY
95	2	BN-PB900	DEPTH ADJUSTMENT SPINDLE ASSEMBLY
96	2	BT100ASSY	4 ON 4" HUB ASSEMBLY
97	4	BT150ASSY	5 ON 4 1/2" HUB ASSEMBLY

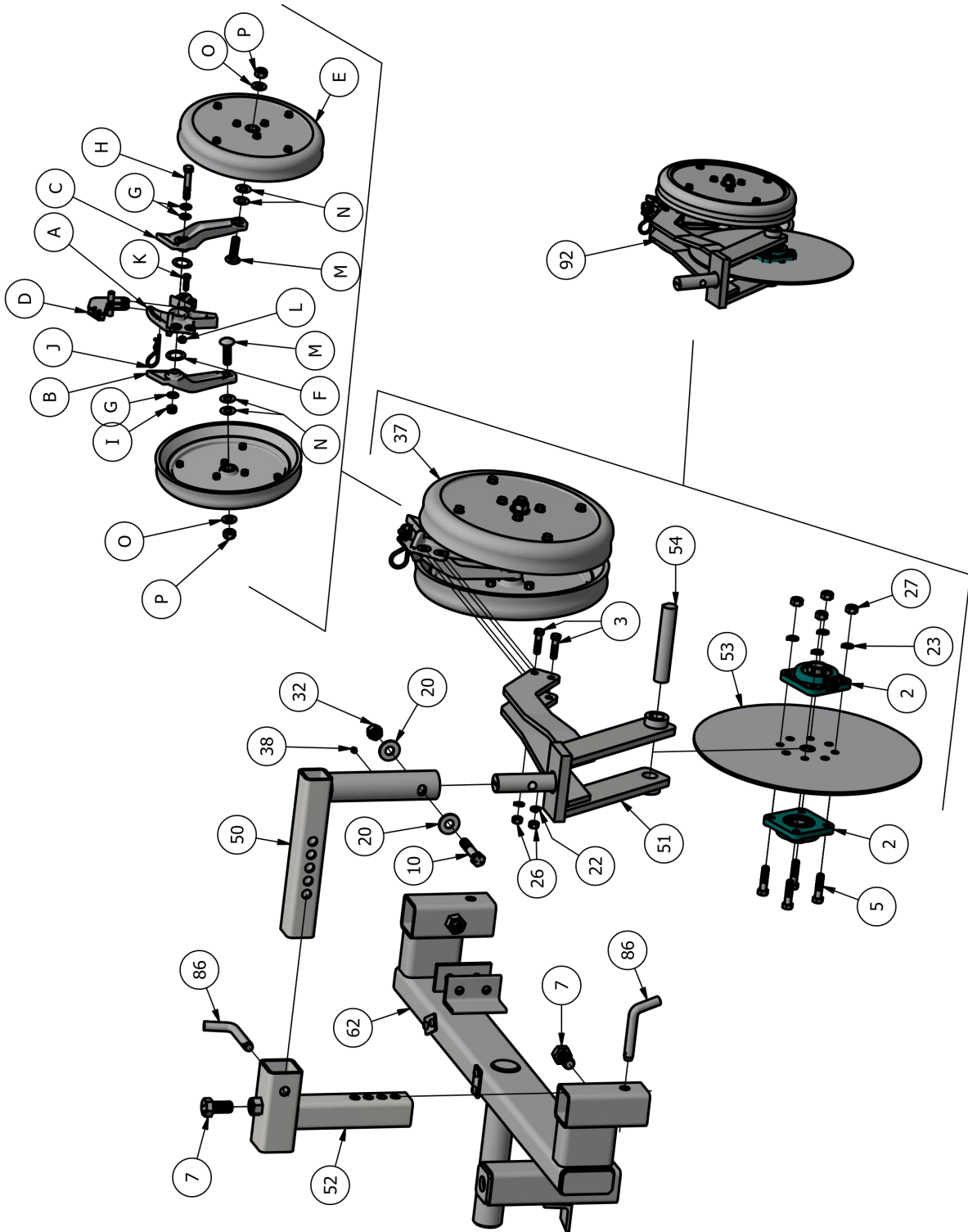


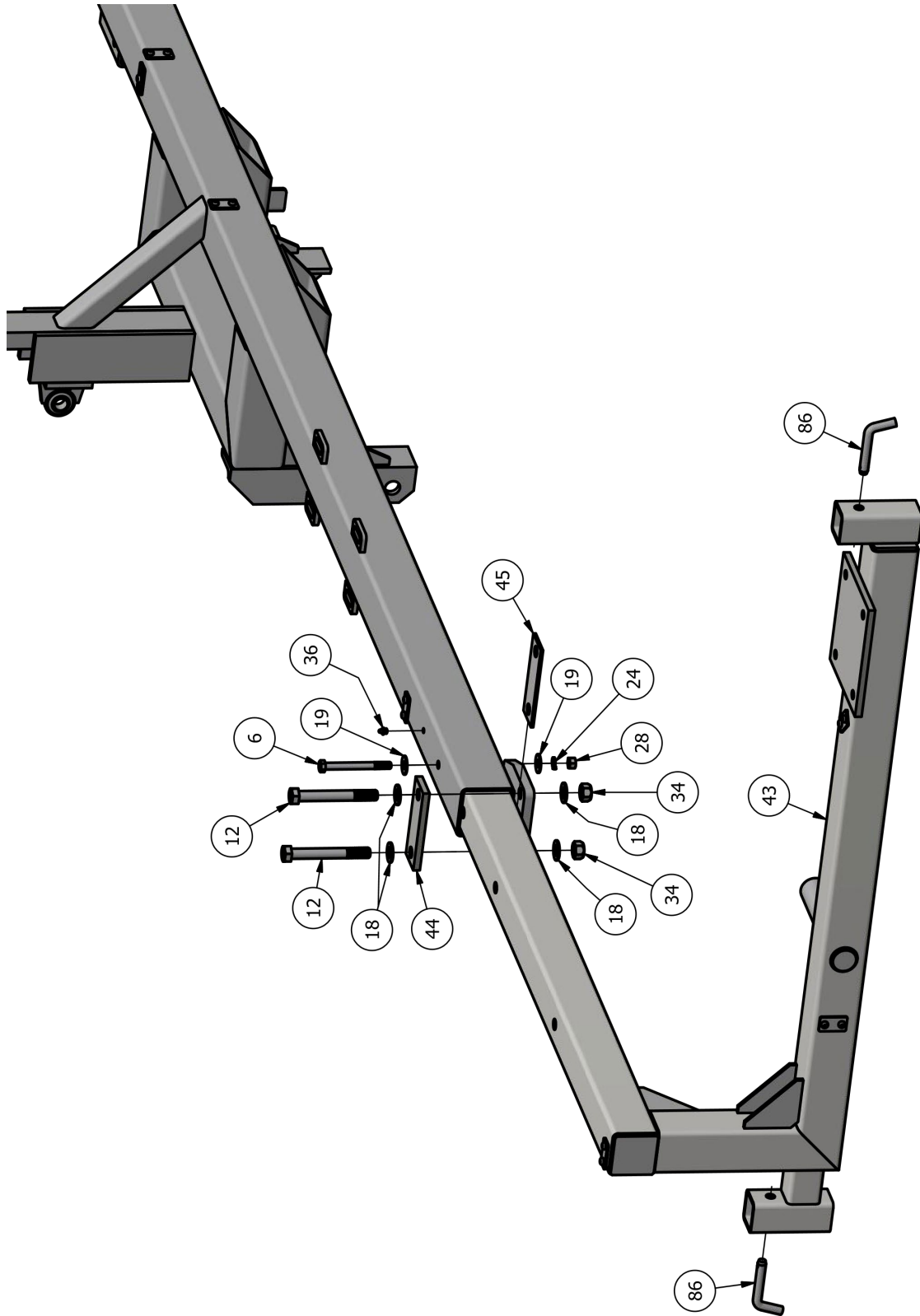


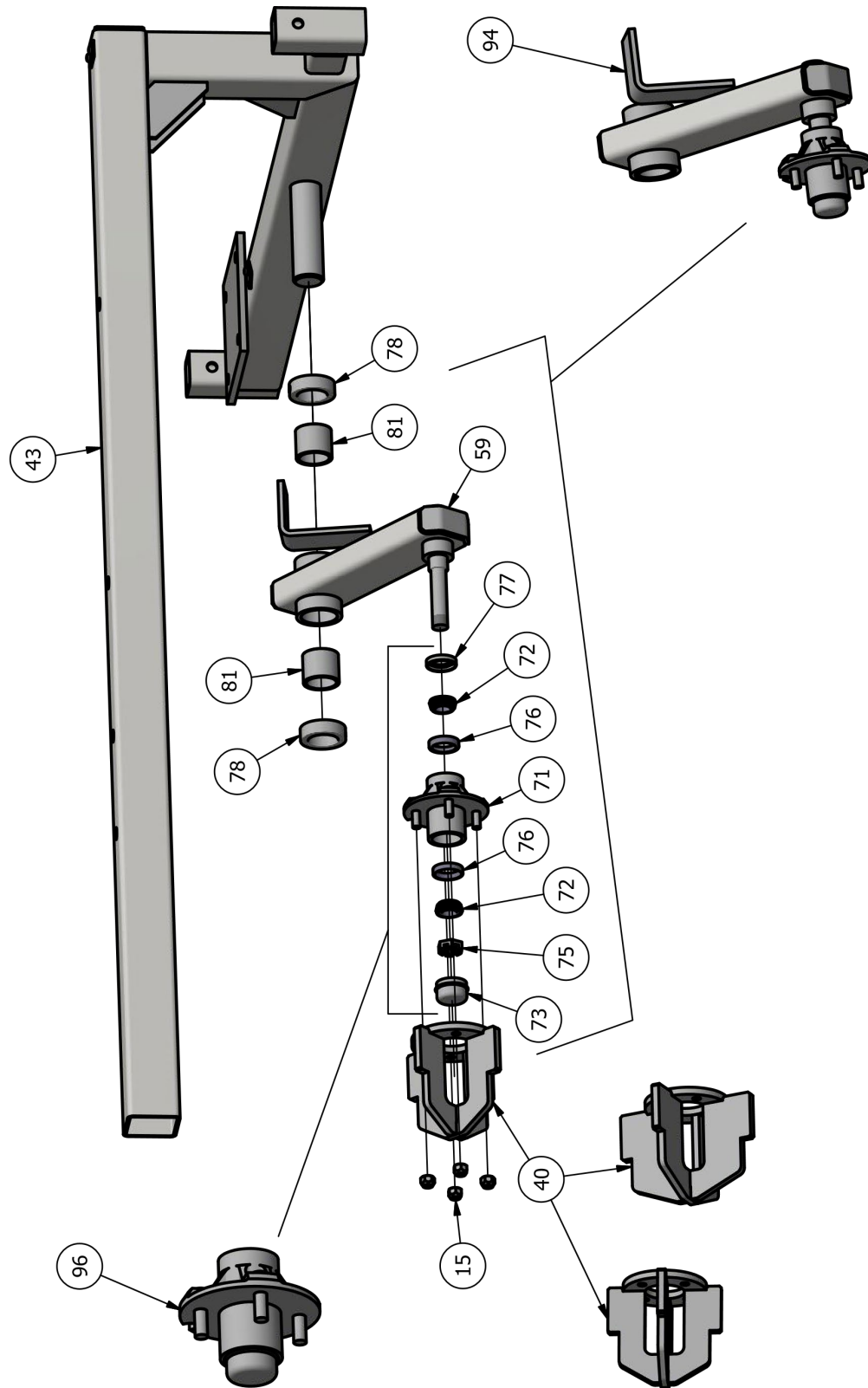


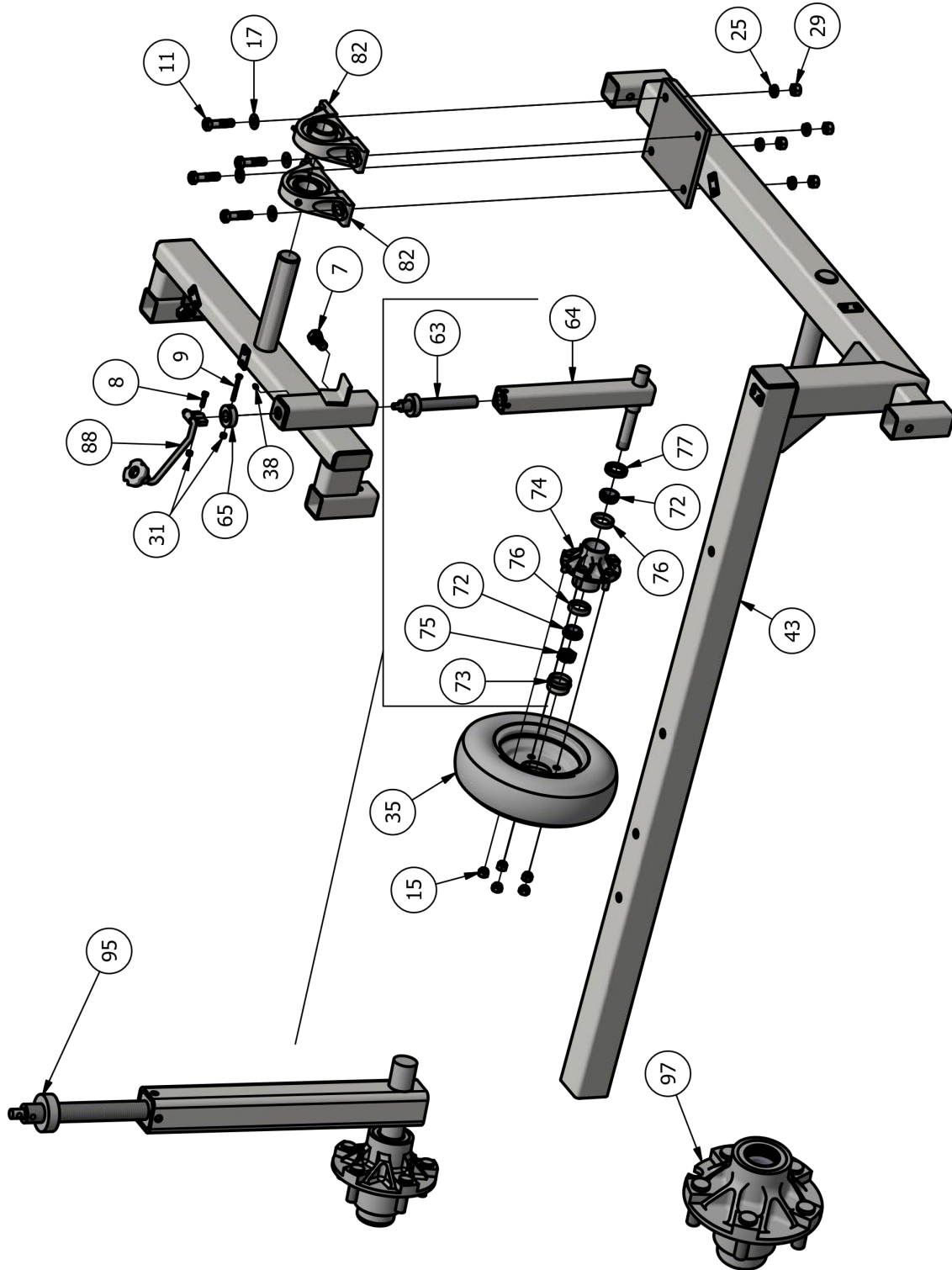


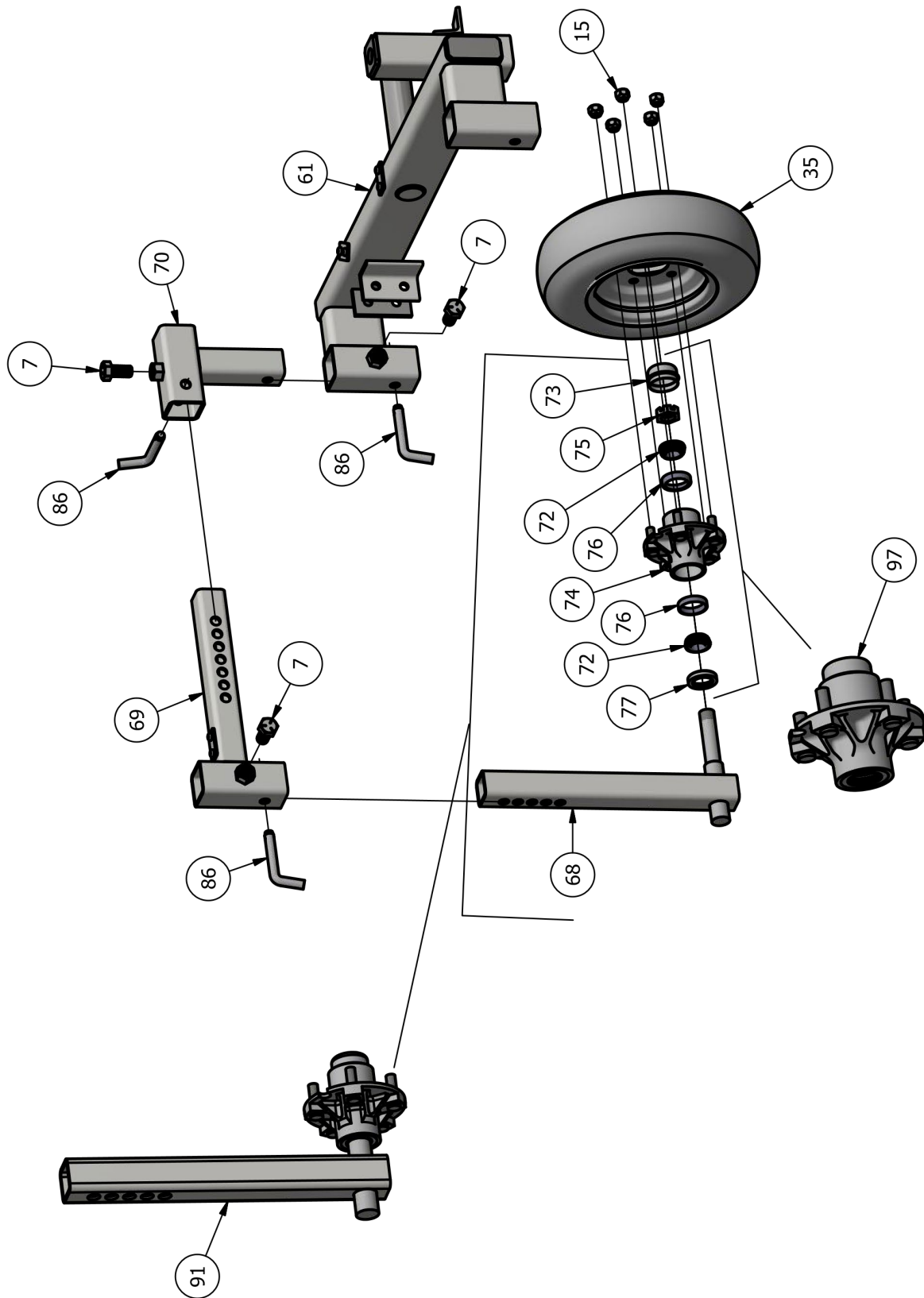


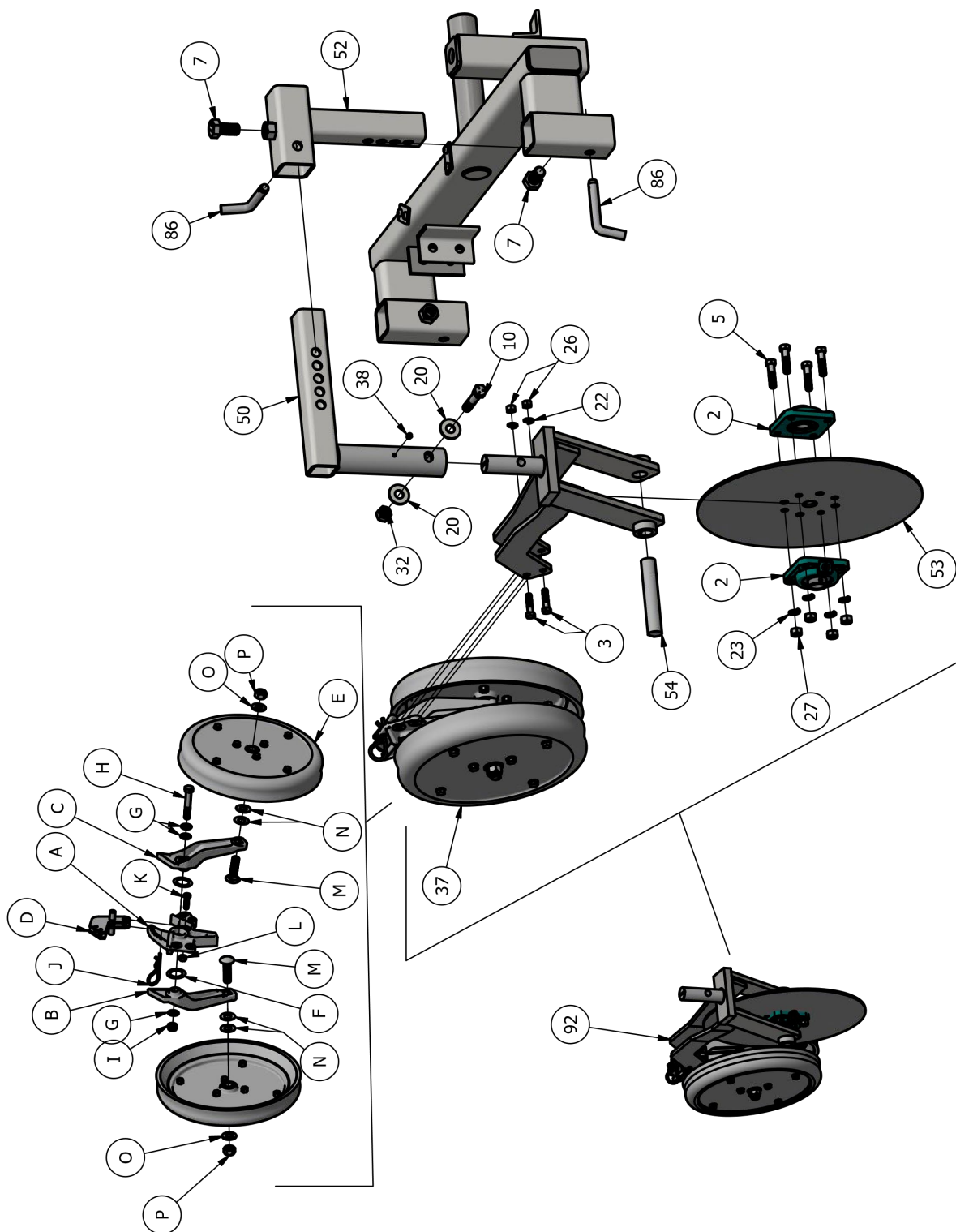


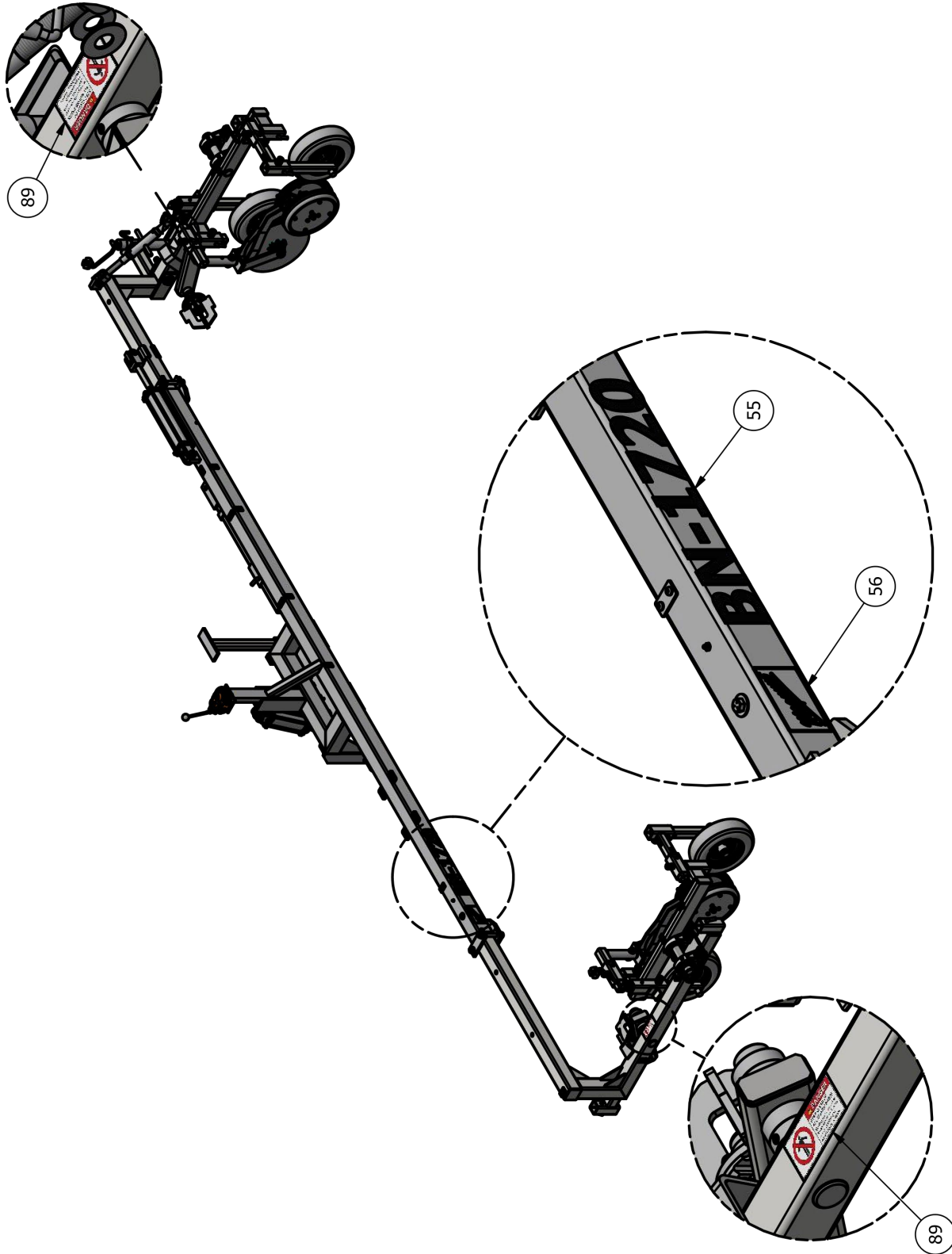












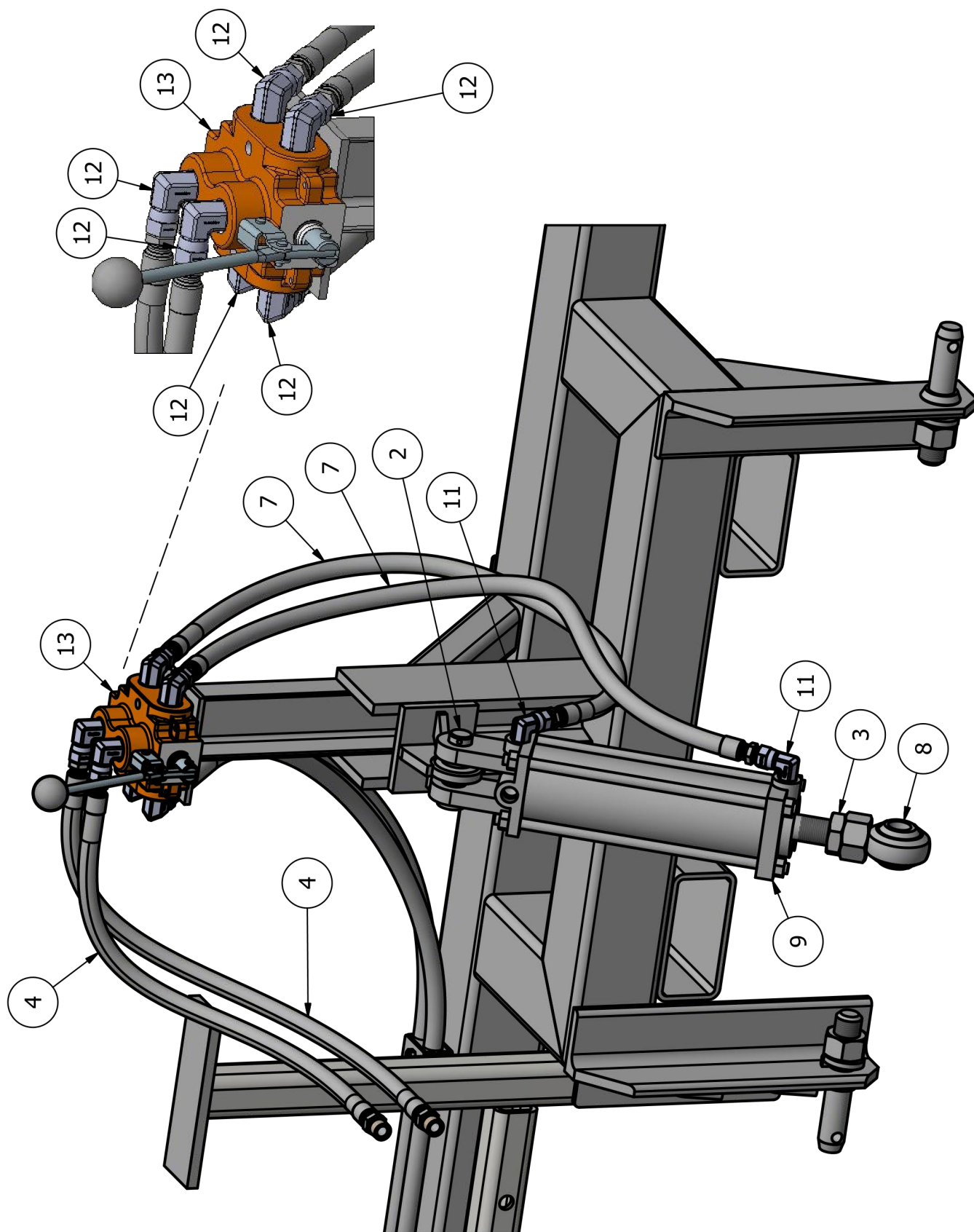
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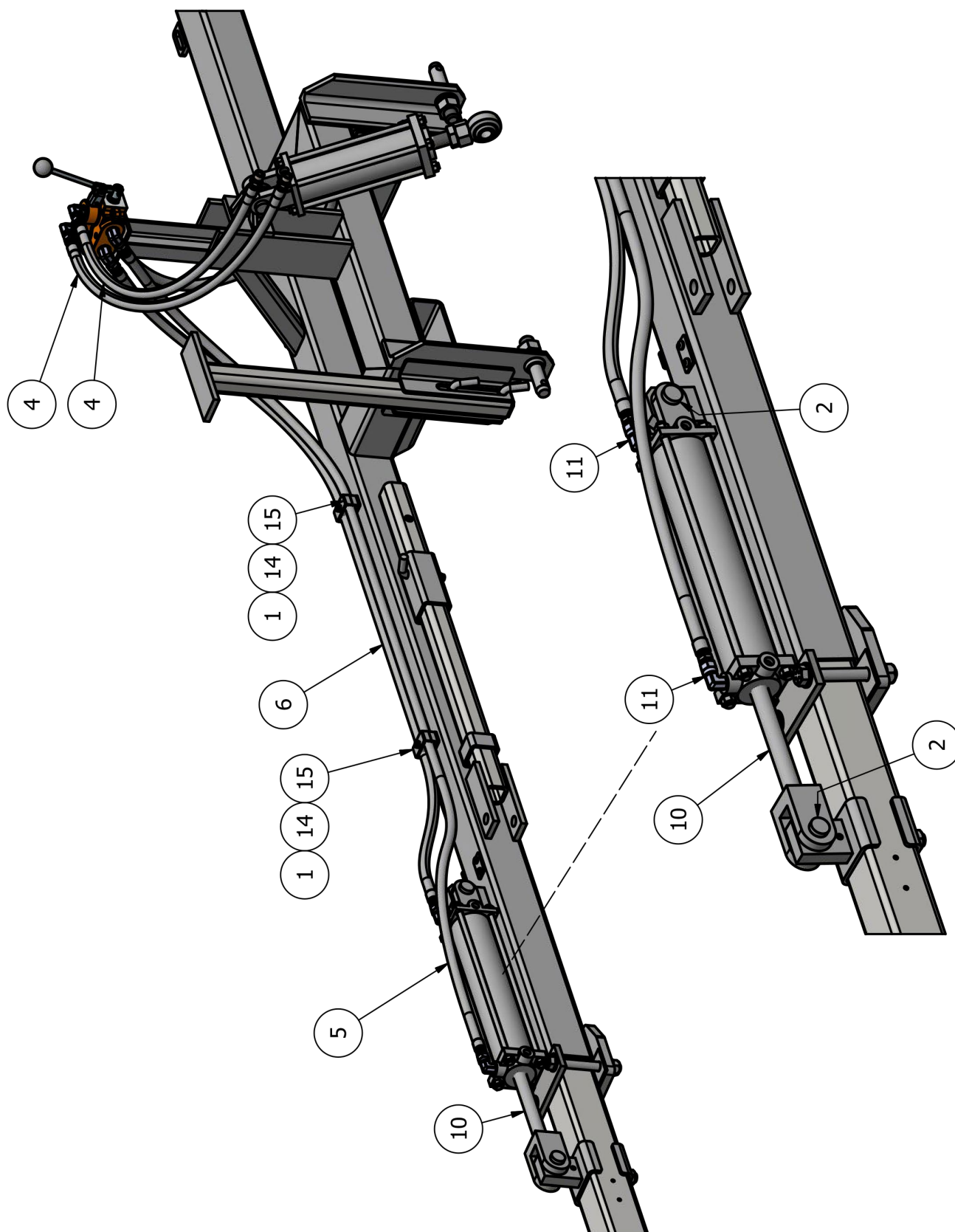


Hydraulics Section - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	13059	5/16"-18 X 1 1/2" CAPSCREW PT
2	3	1D155	1" X 3" CLEVIS PIN
3	1	94846A558	1 1/8"-12 JAM NUT
4	2	BN-HH100	HOSE
5	1	BN-HH101	HOSE
6	1	BN-HH102	HOSE
7	2	BN-HH103	HOSE
8	1	BN-HYD100	HYDRAULIC CYLINDER BALL END
9	1	CY2008L ASAE	HDYRAULIC CYLINDER, 2" X 8"
10	1	CY2014L	HYDRAULIC CYLINDER, 2" X 14"
11	4	FG6501-08-06	8FJ-6MP, 90
12	6	FG6501-08-08	8FJ-8MP, 90
13	1	PHDS-1A1E	CONTROL VALVE
14	2	PP-T20675-Z	HOSE CLAMP CUSHION
15	2	TCP-T3	COVER PLATE



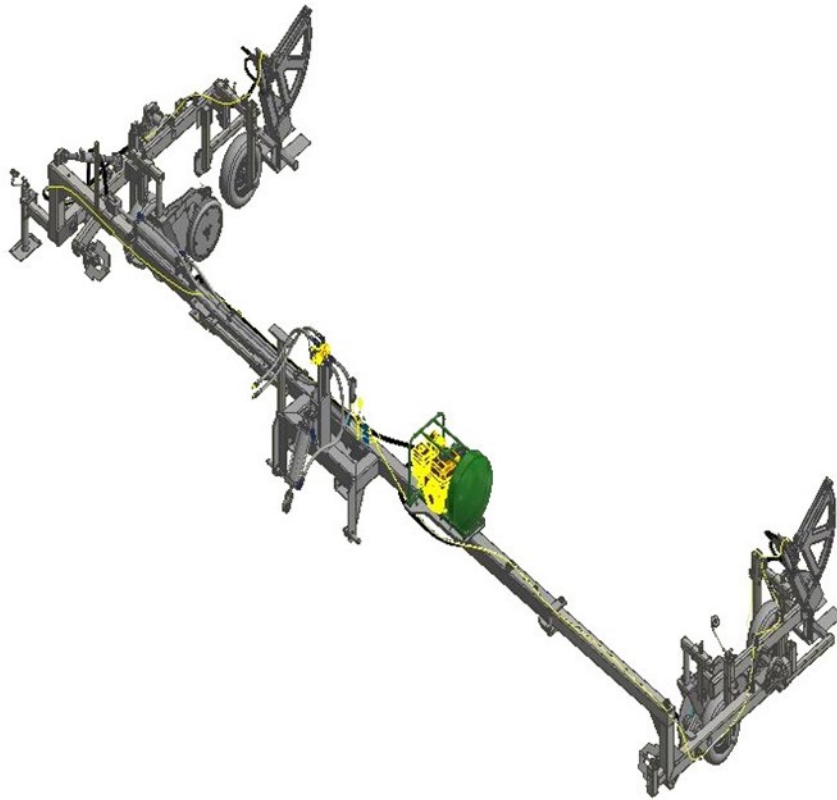




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MAGNUM FIELD NET INSTALLER Dual Auto Staker Option

PARTS MANUAL



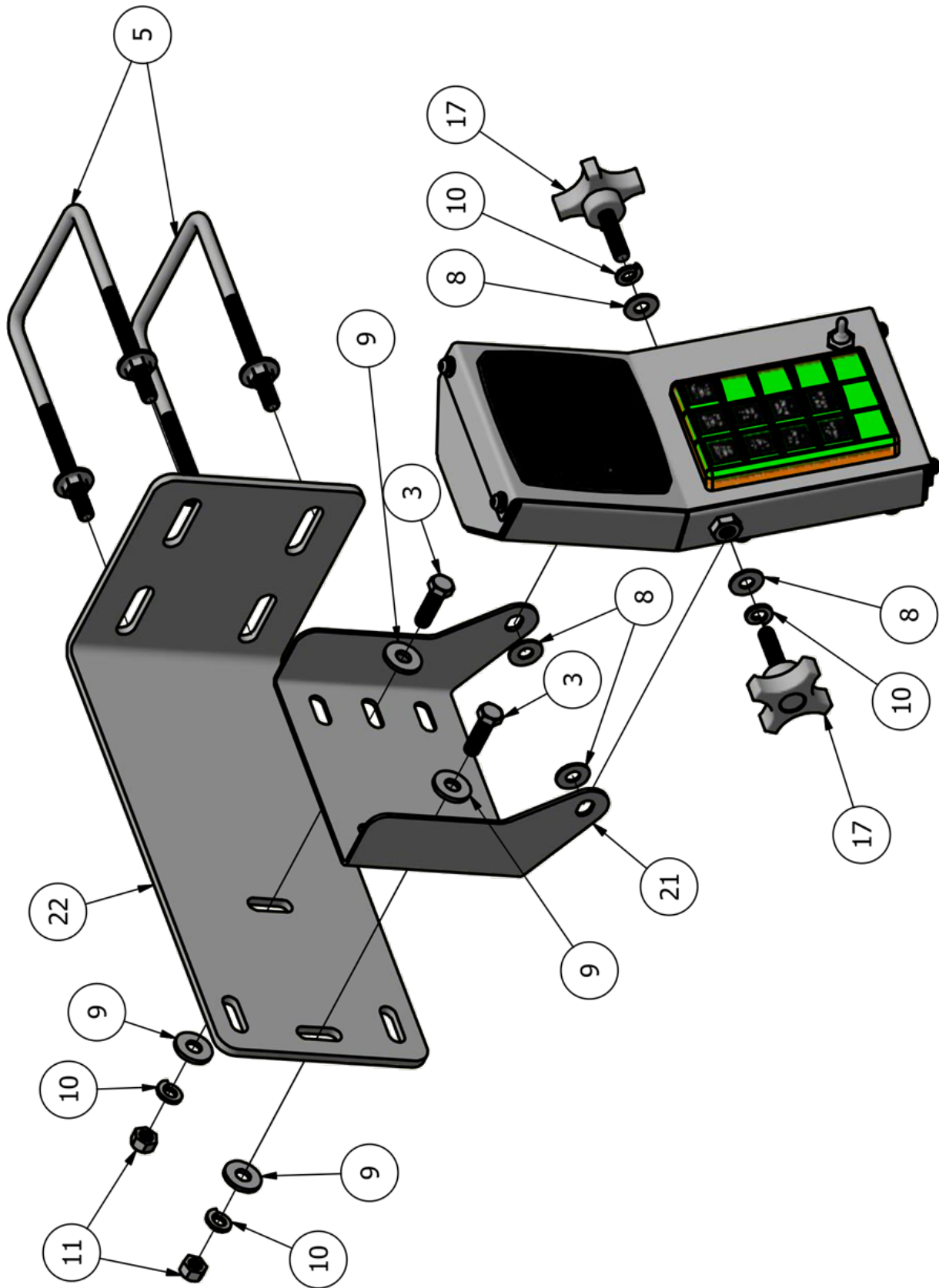
MAGNUM MAGBN-DS

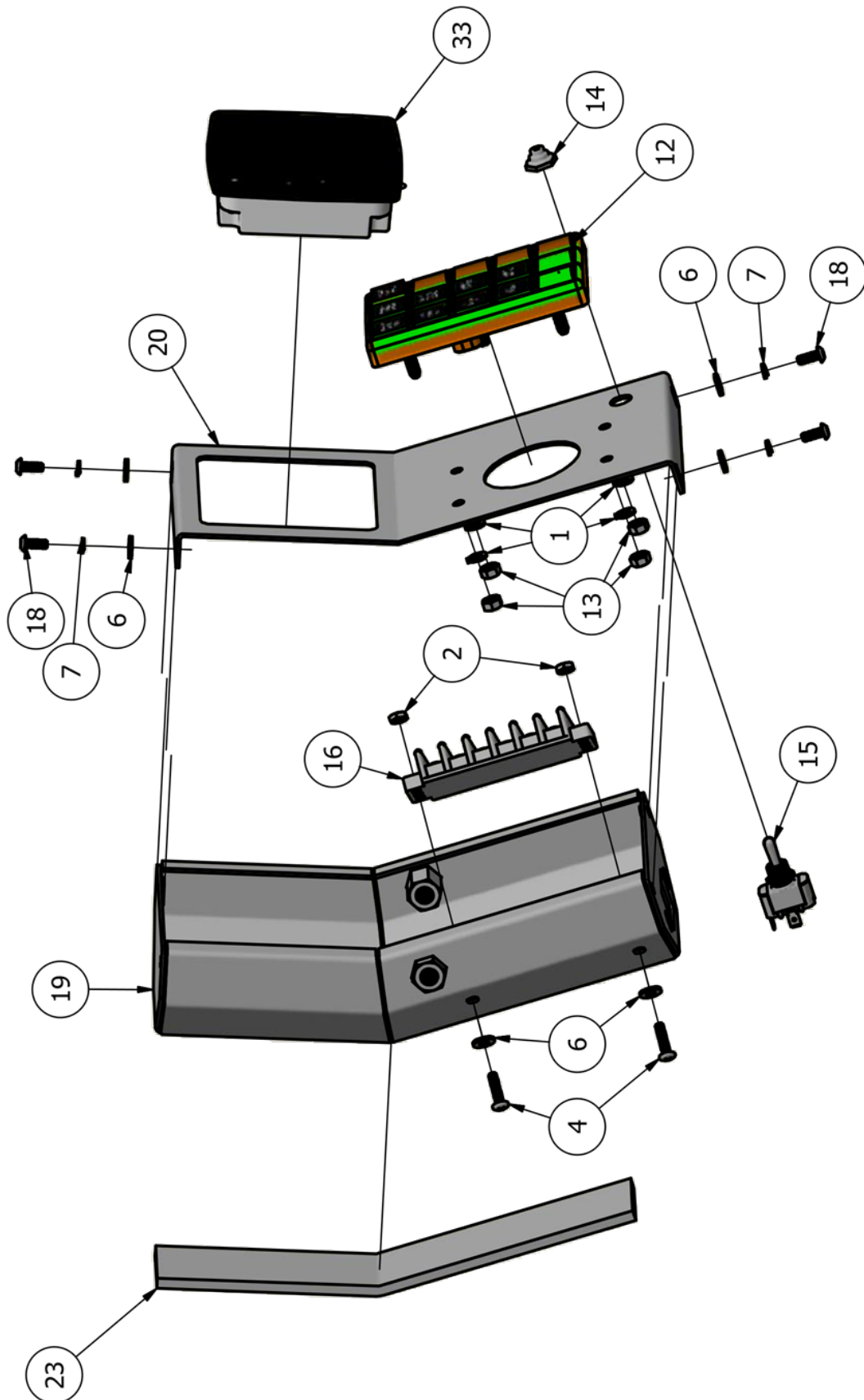
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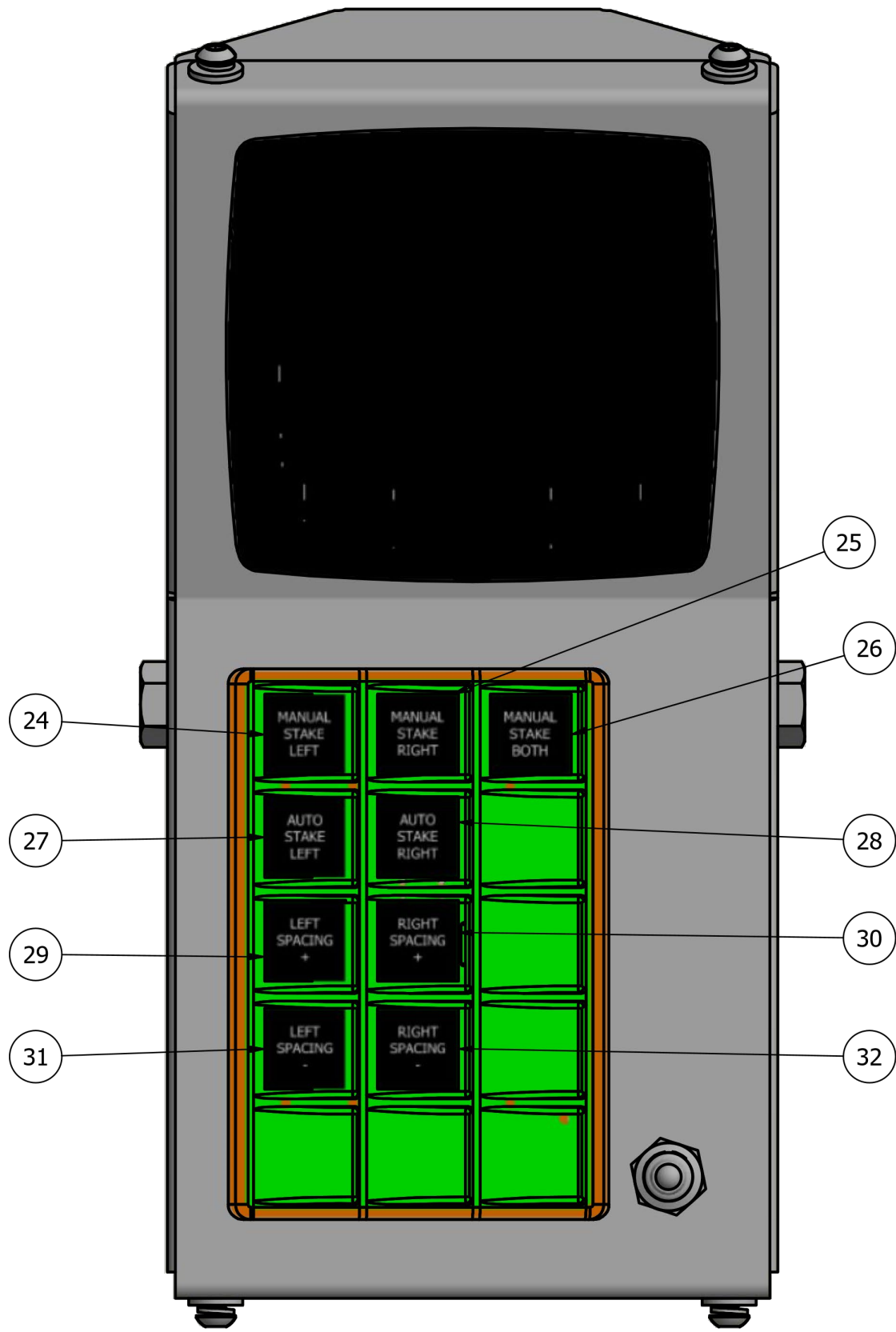
RE-ORDER NUMBER: MAGBN-DS
REVISION: MAGBN-000000

Electrical Section - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	1133813	LOCK WASHERS
2	2	1136028	HEX NUT
3	2	13107	3/8"-16 X 1 1/4" CAPSCREW
4	2	28969	10-24 X 3/4 HEAD SCREW
5	2	3060T490	3/8"-16 X 4" X 6 5/8" SQ. U-BOLT
6	6	33074	#10 FLAT WASHER
7	4	33614	#10 LOCK WASHER
8	4	33858	5/16" FLAT WASHER
9	4	33859	3/8" FLAT WASHER
10	4	33893	3/8" LOCK WASHER
11	2	36306	3/8"-16 HEX NUT
12	1	3K015-3RC3AG	15 BUTTON CAN KEYPAD
13	4	40154	HEX NUT
14	1	44215	TOGGLE SWITCH BOOT
15	1	44252	TOGGLE SWITCH SEALED ON-OFF SPST 15AMP
16	1	47356	TERMINAL BLOCK, 6 POSITION
17	2	5993K860	KNOB, 3/8"-16 X 1 1/2"
18	4	73732	10-24 BUTTON HEAD SCREW
19	1	BN-CPB100	BARR NET CONTROL BOX
20	1	BN-CPB200	CONTROL BOX FACE PLATE
21	1	BN-CPB201	CONTROL BOX MNT
22	1	BN-CPB202	CONTROL BOX FENDER MNT
23	1	BN-CPB203	CONTROL PANEL WEAR PAD
24	1	BN-DCL104	DECAL
25	1	BN-DCL105	DECAL
26	1	BN-DCL106	DECAL
27	1	BN-DCL107	DECAL
28	1	BN-DCL108	DECAL
29	1	BN-DCL109	DECAL
30	1	BN-DCL110	DECAL
31	1	BN-DCL111	DECAL
32	1	BN-DCL112	DECAL
33	1	DP200	DISPLAY. DANFOSS



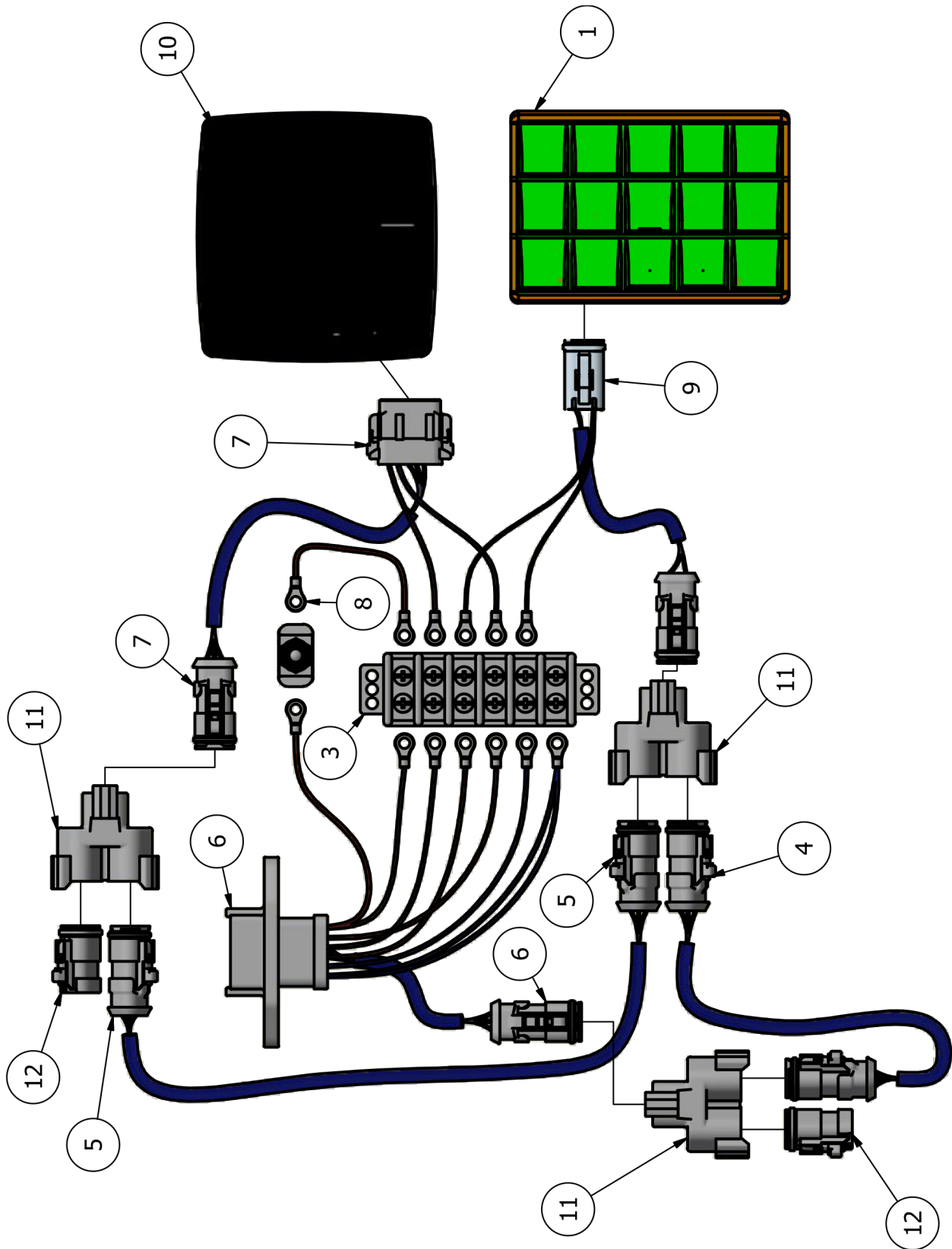




Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	3K015-3RC3AG	15 BUTTON CAN KEYPADS
2	1	44252	TOGGLE SWITCH SEALED ON-OFF SPST 15AMP
3	1	47356	TERMINAL BLOCK, 6 POSITIONS
4	1	BN-EL2103	WIRING HARNESS
5	1	BN-EL2104	WIRING HARNESS
6	1	BN-EL2106	WIRING HARNESS
7	1	BN-EL2107	WIRING HARNESS
8	1	BN-EL2108	WIRING HARNESS
9	1	BN-EL2112	WIRING HARNESS
10	1	DP200	DISPLAY. DANFOSS
11	3	DT04-3P-P007	3 WAY PLUG, Y
12	2	DT06-3S-P006	TERMINATING RESISTOR

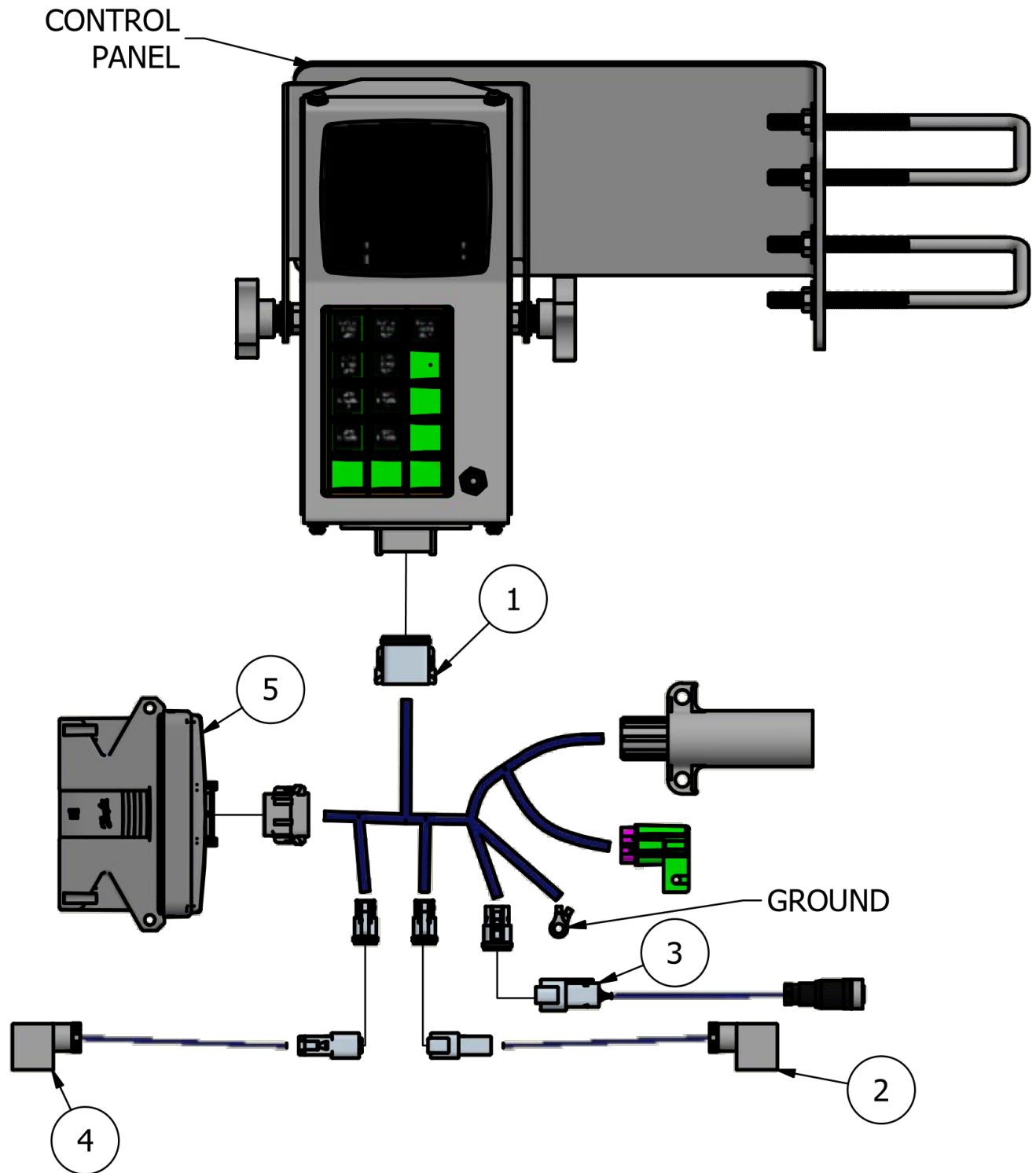


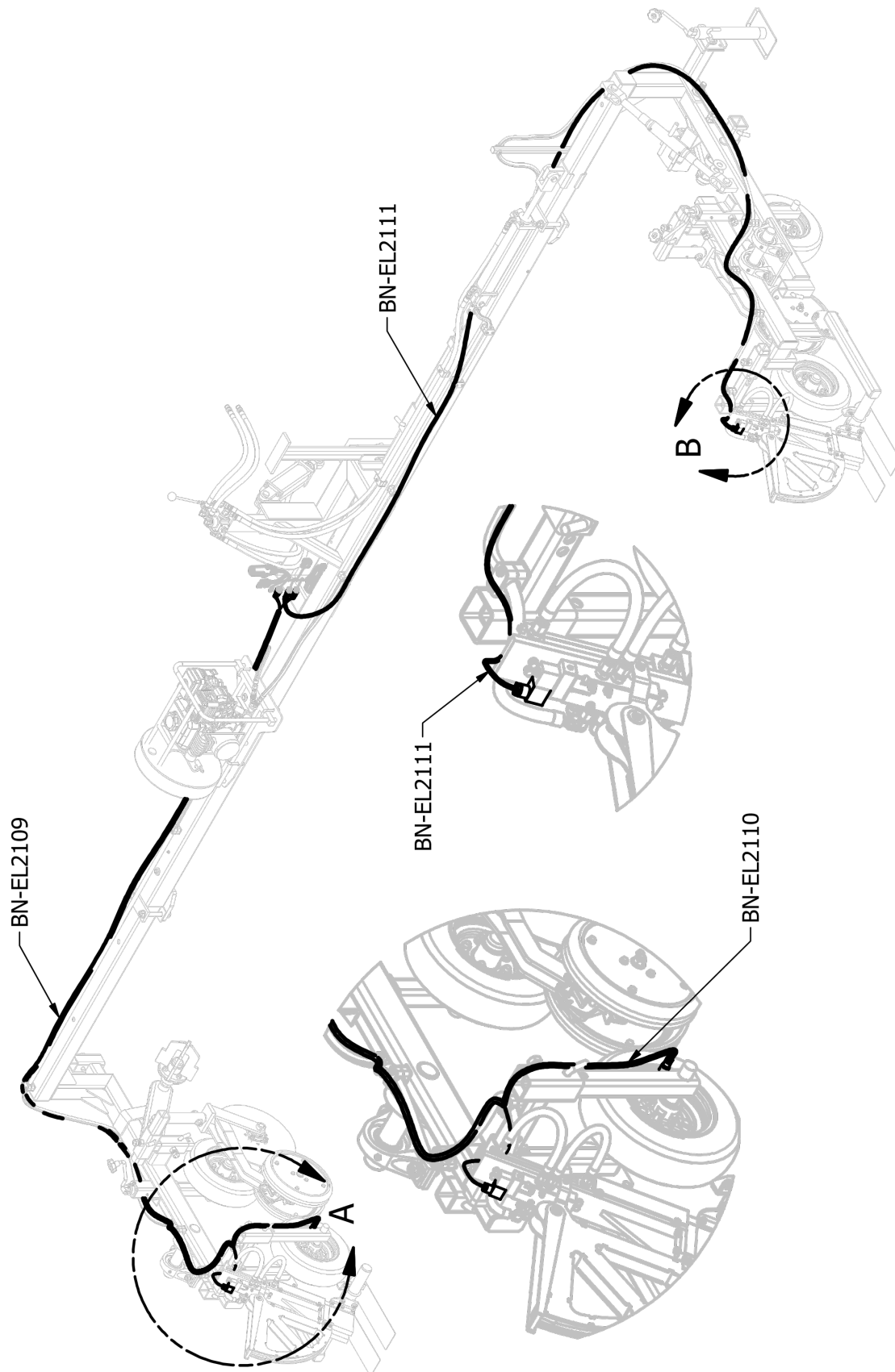


Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BN-EL2105	WIRING HARNESS
2	1	BN-EL2109	WIRING HARNESS
3	1	BN-EL2110	WIRING HARNESS
4	1	BN-EL2111	WIRING HARNESS
5	1	MC012	MICRO CONTROLLER. DANFOSS





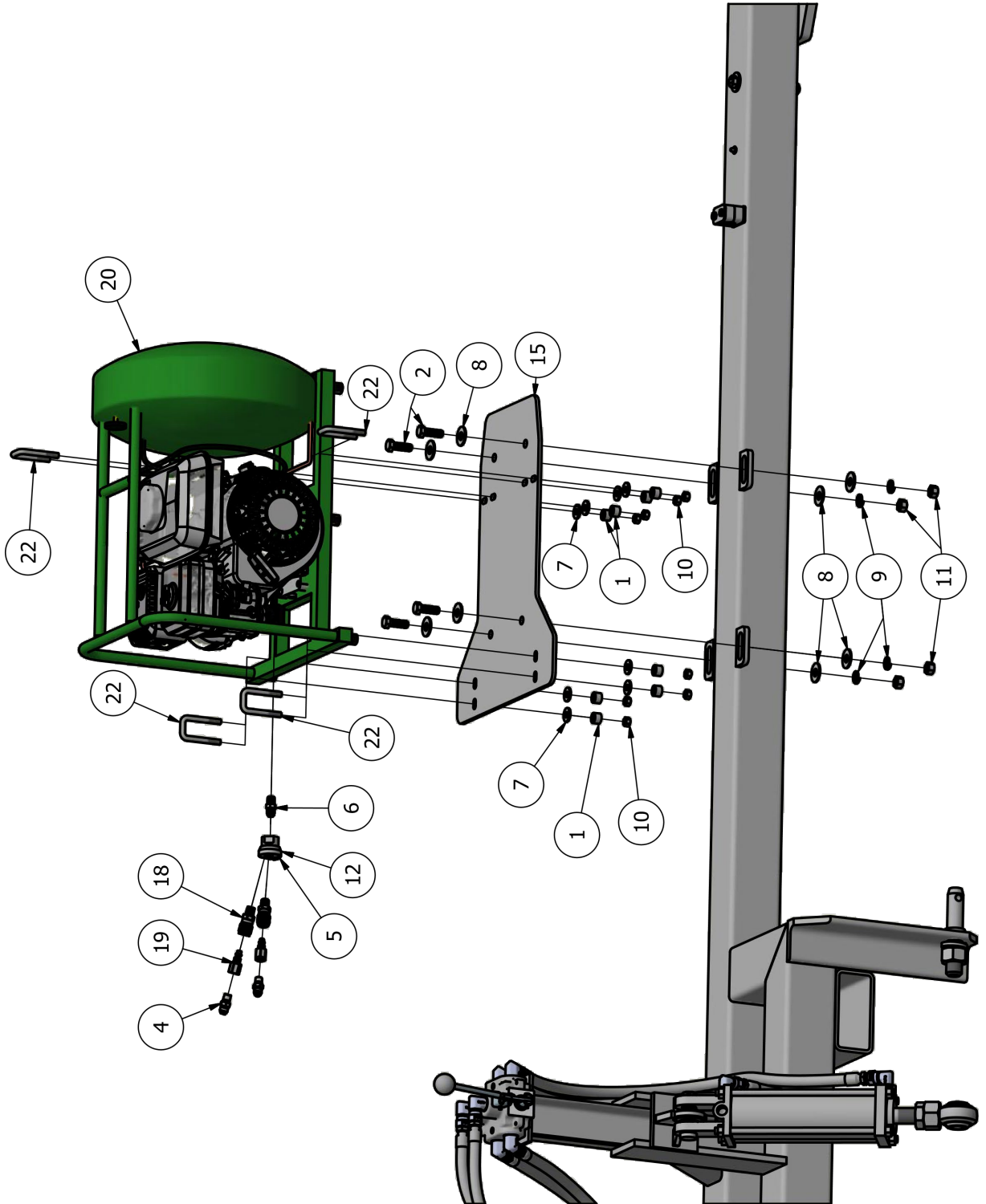


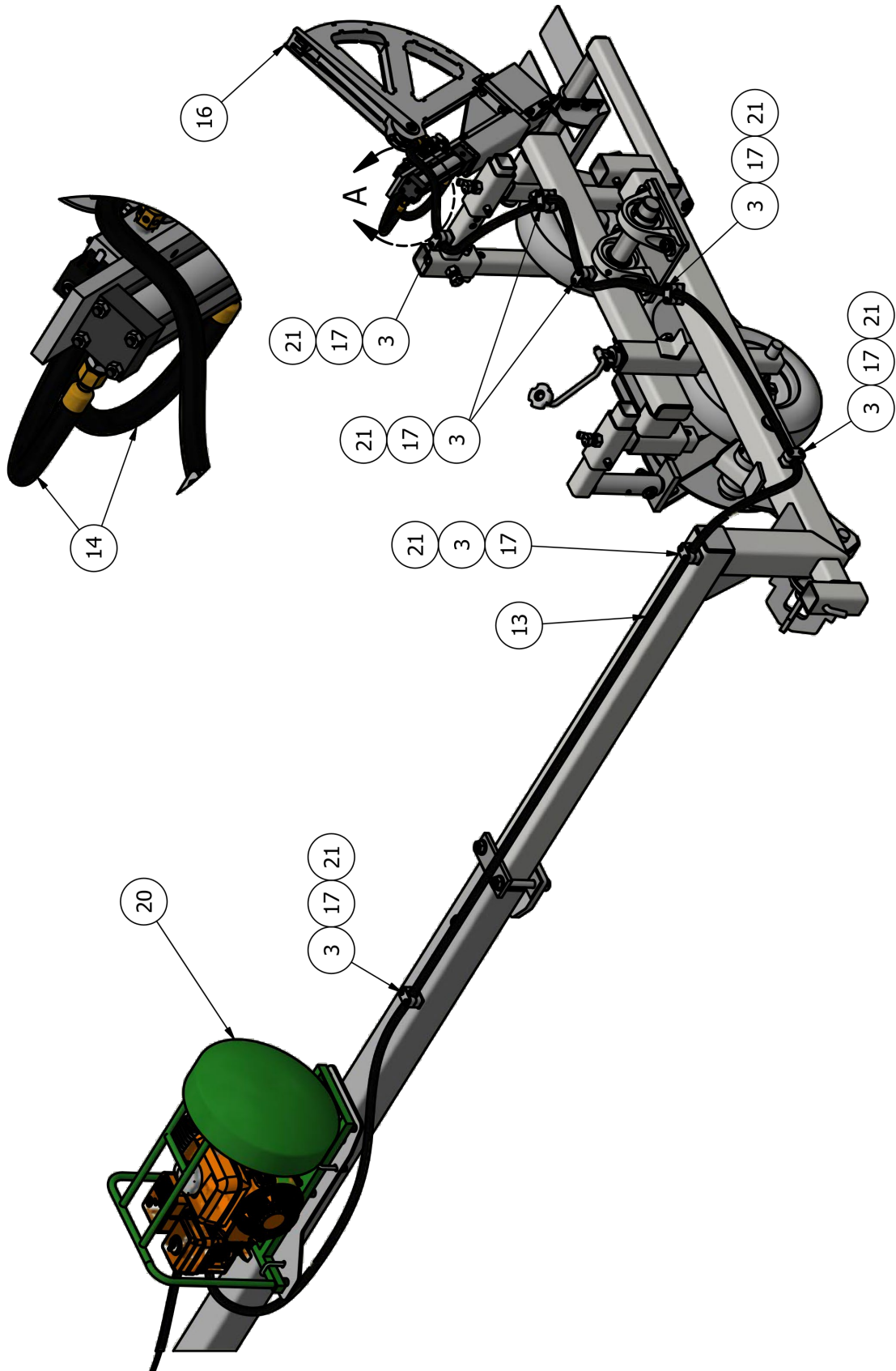
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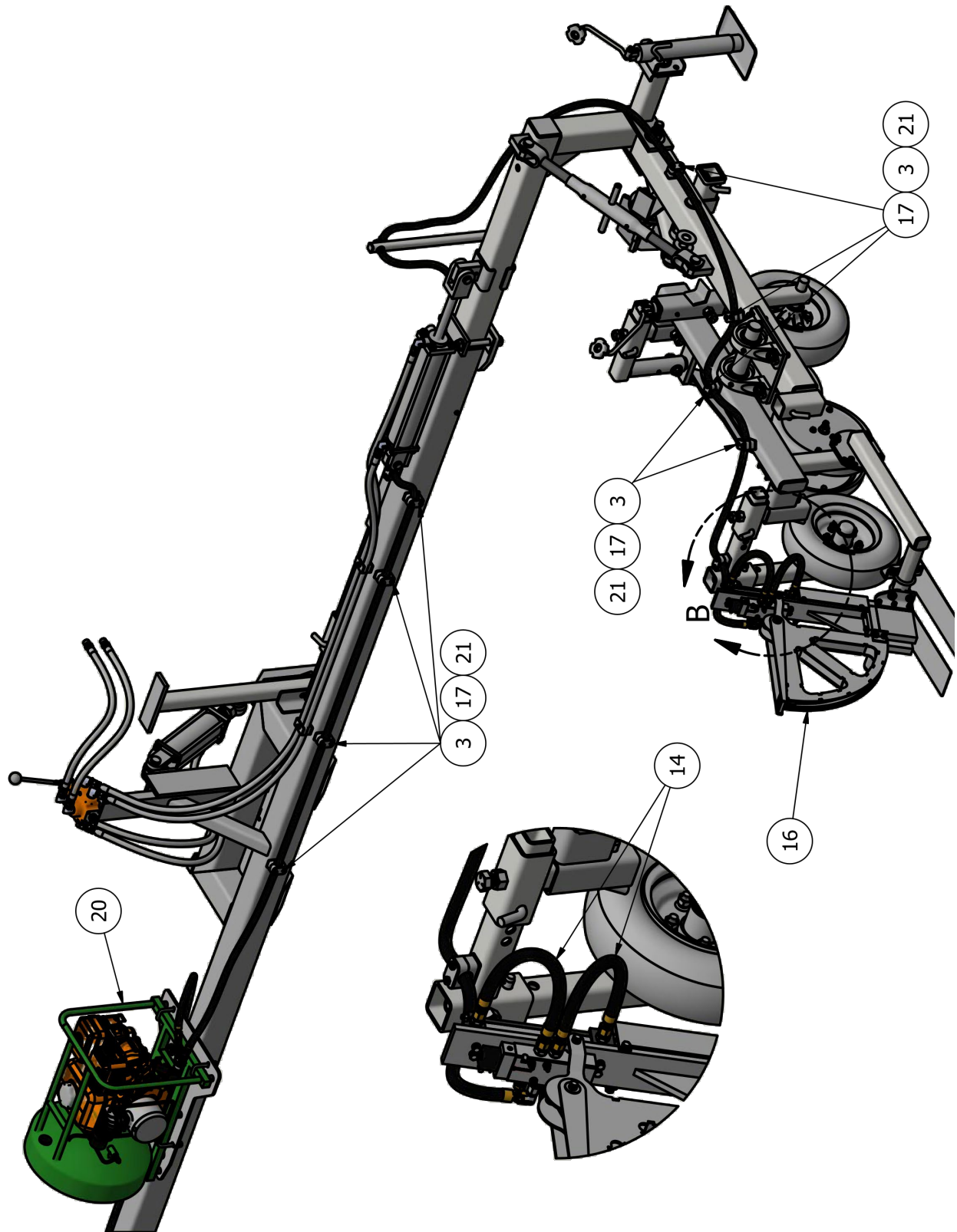
Pneumatics Section - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	8	0185761	3/8" ID X 3/4" OD X 1/2" LG SPACER
2	4	13209	1/2"-13 X 1 1/2" CAPSCREW PT
3	34	15009	1/4"-20 X 1 1/2" CAPSCREW, PT, GR 8
4	2	2404-06-04	6MJ-4MP
5	1	3149-04	PLUG, 04 NPT, BRASS
6	1	3325-04-04	BRASS FITTING
7	34	33859	3/8" FLAT WASHER
8	16	33861	1/2" FLAT WASHER
9	8	33895	1/2" LOCK WASHER
10	33	36306	3/8"-16 HEX NUT
11	8	36310	1/2"-13 HEX NUT
12	1	5465K71	3 WAP PNEUMATIC MANIFOLD
13	1	BN-PH002	AIR HOSE
14	4	BN-PH003	AIR HOSE
15	1	BN-PN201	BARR NET GAS COMP. MNT
16	2	BN-STK900	STAKER ASSEMBLY
17	17	COP-3	PLATE
18	2	DC21	FEMALE QUICK DISCONNECT, 4MP
19	2	DCP20	MALE QUICK DISCONNECT, 4FP
20	1	GD4000	GAS AIR COMPRESSOR
21	17	PP-3100	One Line Damping Clamp
22	4	WPCDL7SUBZP-1H	3/8"-16 X 1 1/2" X 2 3/4" SQ. U-BOLT









NOTES:

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings on the paper.

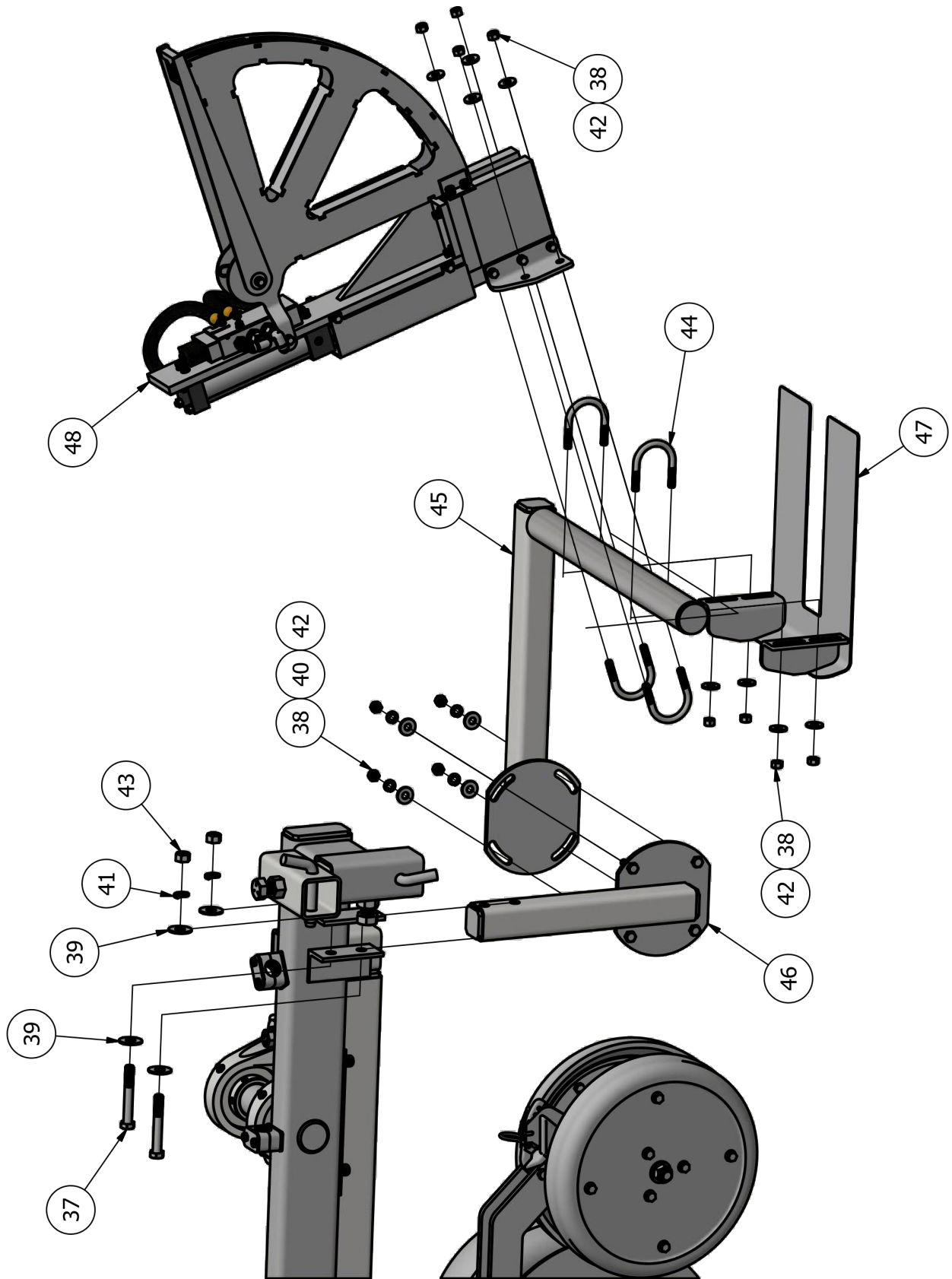
Staker Section - Parts List

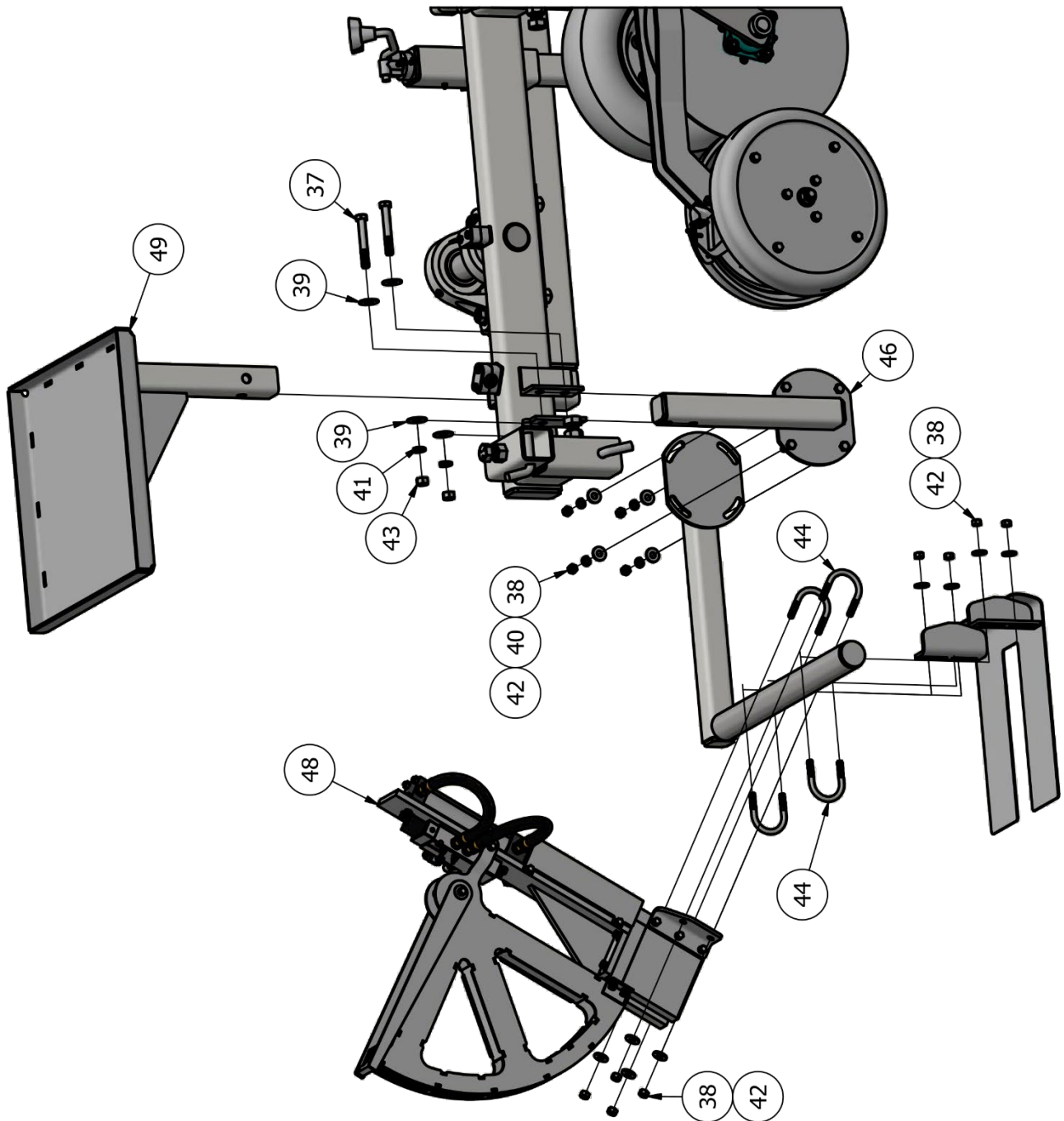
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	0144534	1/4"-20 X 1 1/2" CAPSCREW, GR 8
2	2	1171212	1/4" FENDER WASHER, 1" OD
3	22	15003	1/4"-20 X 3/4" CAPSCREW, GR 8
4	6	2404-06-06	6MJ-6MP
5	1	33819	5/8" SAE WASHER
6	26	33857	1/4" FLAT WASHER
7	26	33891	1/4" LOCK WASHER
8	1	54469-01	12V COIL FOR PNEUMATIC VALVE
9	2	6500-06-06	6MJ-6FJ, 90
10	3	37012	HEX TOP LOCK
11	3	0171096	8-32 X 2 1/4 HEX HEAD
12	2	93148	13024 X 1" SOCKET HEAD CAPSCREW
13	9	93203	1/4"-20 X 3/4" SOCKET HEAD CAPSCREW
14	8	93255	5/16"-18 X 1" SOCKET HEAD CAPSCREW
15	1	9834K33	FLOW CONTROL MUFFLER
16	1	BN-STK100	STAKER MAGAZINE
17	1	BN-STK101	STAKER MAGAZINE ARM
18	1	BN-STK200	STAKER BODY - BACK PLT
19	1	BN-STK201	STAKER SIDE PLT
20	1	BN-STK202	STAKER SIDE PLT
21	1	BN-STK203	STAKER BODY TOP PLT
22	1	BN-STK204	STAKER CYLINDER MNT BACK PLT
23	1	BN-STK205	STAKER CYLINDER MNT GUSSET
24	1	BN-STK206	STAKER CYLINDER BASE PLT
25	1	BN-STK207	STAKER SPRING TENSIONER
26	1	BN-STK208	STAKER ARM SHAFT
27	1	BN-STK209	STAKER CYLINDER SHIELD
28	1	BN-STK210	STAKER RAM
29	1	BN-STK211	STAKER BAR MOUNT
30	1	BN-STK212	STAKER BAR MOUNT
31	1	BN-STK400	BRONZE BUSHING 5/8" ID X 3/4" OD X 1/4" LG
32	1	BN-STK401	STAKER MAGAZINE SPRING
33	1	EA0177A1-REV3	PNEUMATIC CYLINDER 1.5" X 6"
34	1	EF10-12-12	BRONZE BUSHING 5/8" ID X 3/4" OD X 3/4" LG
35	3	#8 FLAT WASHER	#8 FLAT WASHER
36	1	V62S517AA2000AS	PNEUMATICS VALVE
37	4	13217	1/2"-13 X 3 1/2" CAPSCREW PT

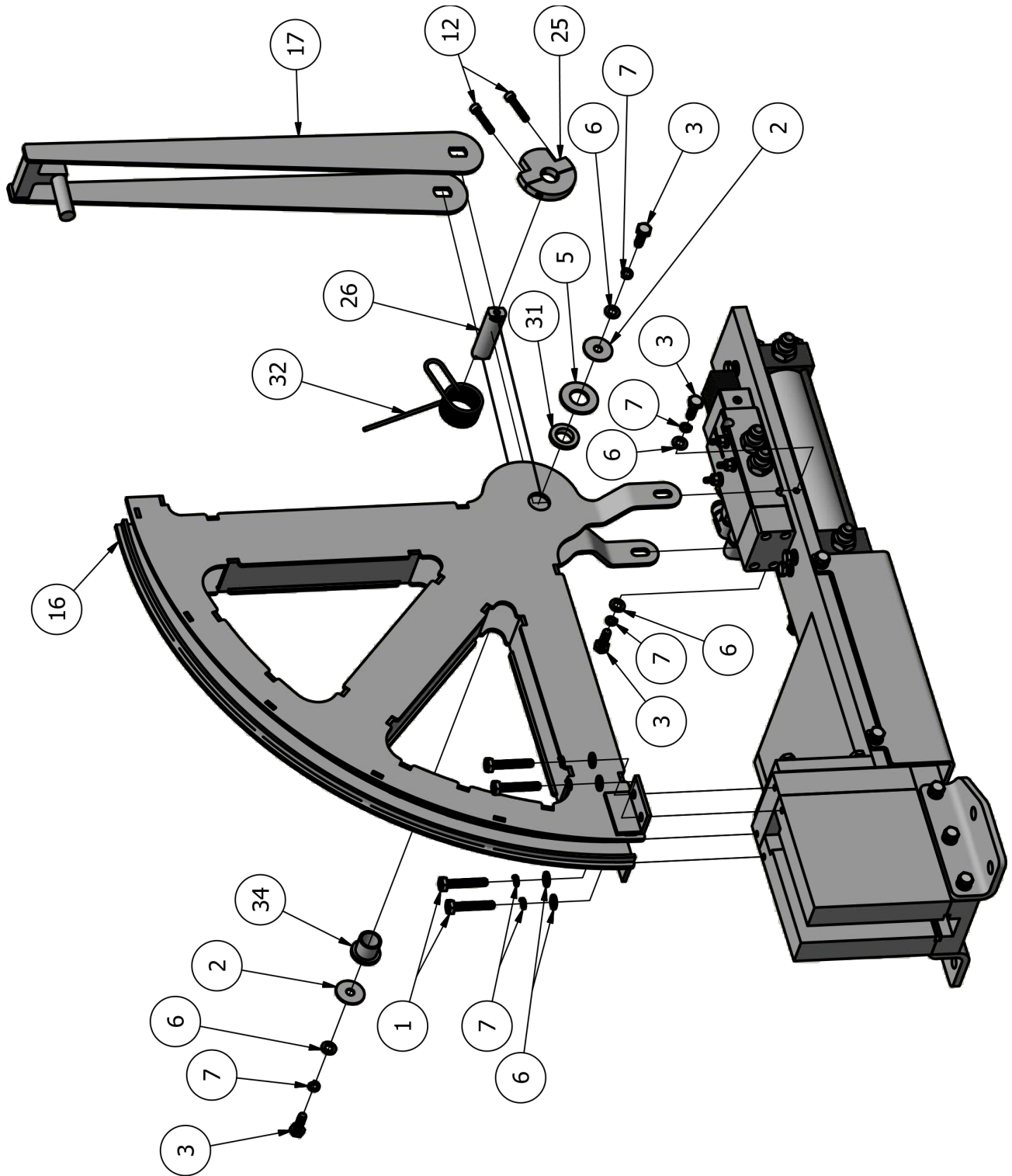


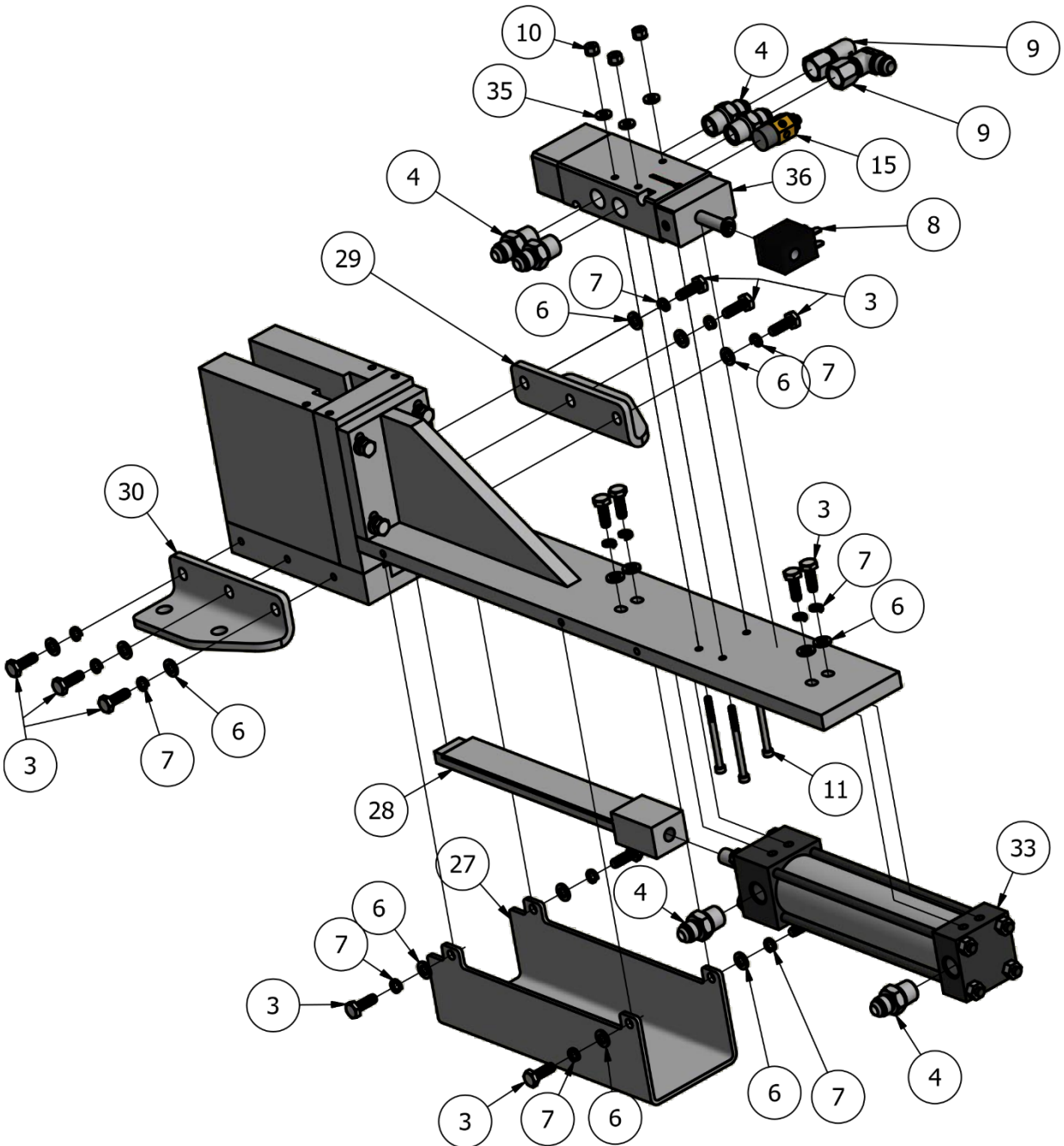
ITEM	QTY	PART NUMBER	DESCRIPTION
38	34	33859	3/8" FLAT WASHER
39	16	33861	1/2" FLAT WASHER
40	8	33893	3/8" LOCK WASHER
41	8	33895	1/2" LOCK WASHER
42	33	36306	3/8"-16 HEX NUT
43	8	36310	1/2"-13 HEX NUT
44	8	42032	U-BOLT, 3/8"-16 X 2 5/8" LG X 2" DIA
45	2	BN-STK102	STAKER ARM
46	2	BN-STK103	STAKER ARM FRAME MNT
47	2	BN-STK106	STAKER SHOE
48	2	BN-STK900	STAKER ASSEMBLY
49	1	BN-SW105	STAKE BOX TRAY

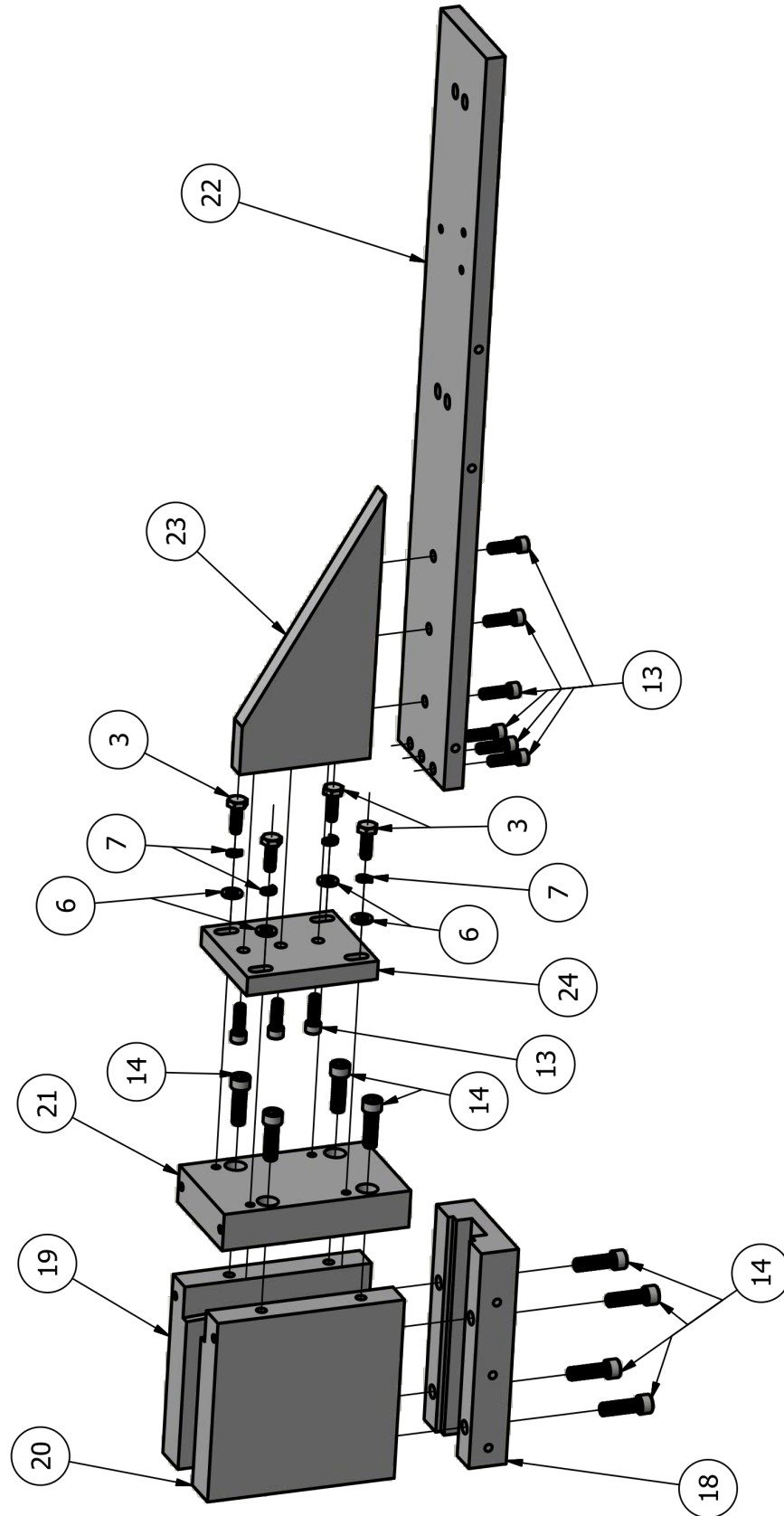












NOTES:

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook or legal stationery. There are no margins, text, or other markings present.



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