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-000001

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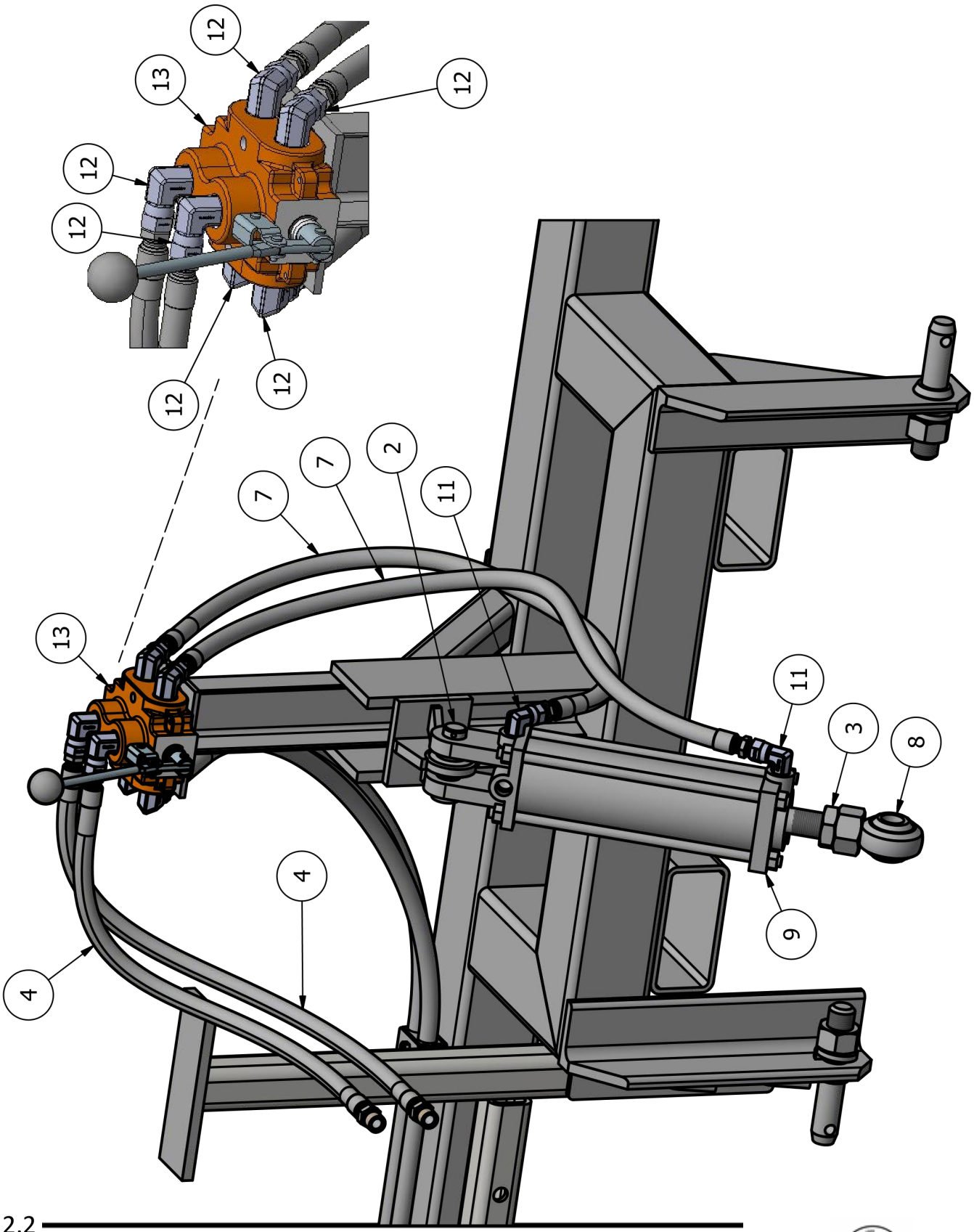
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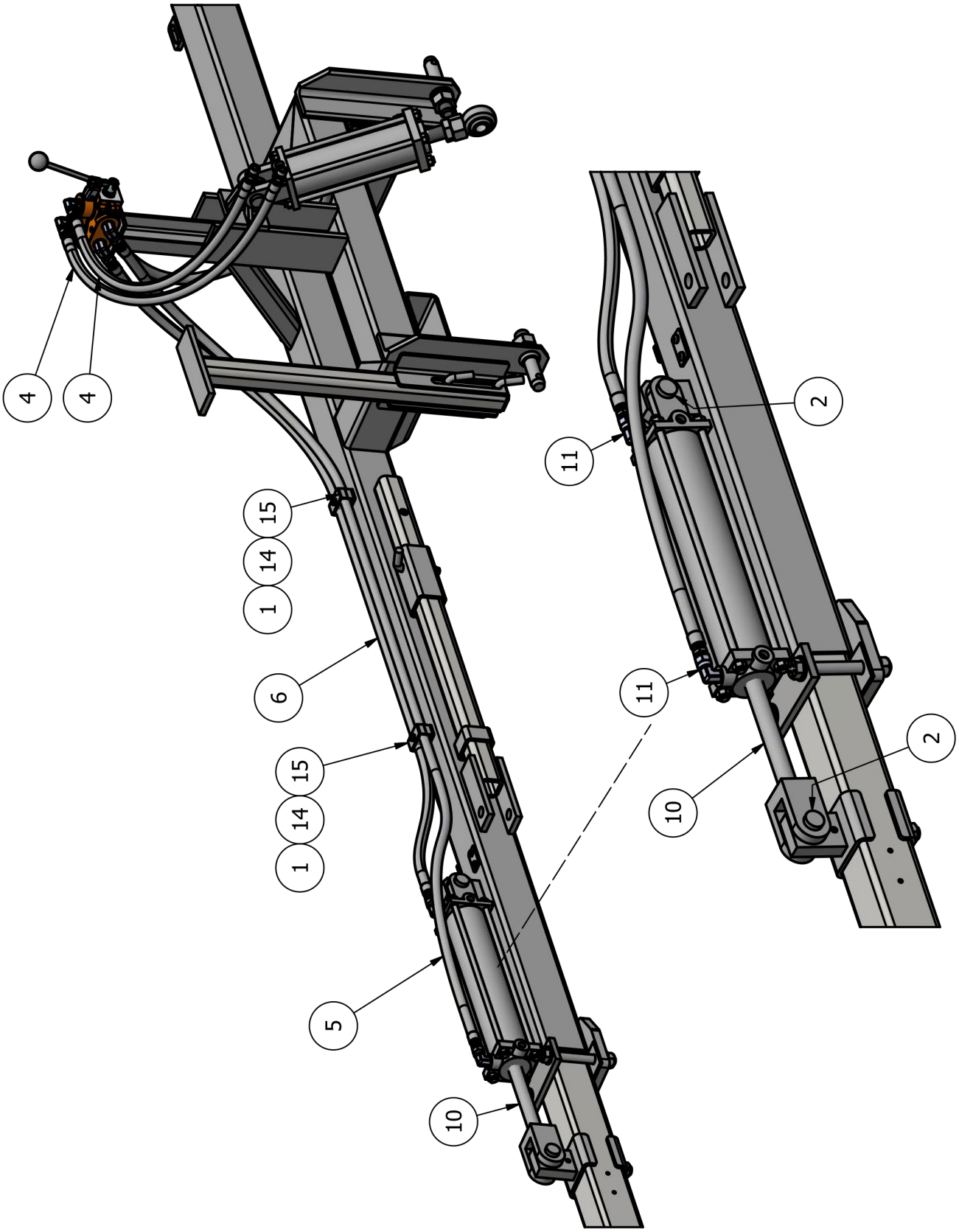
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Hydraulics Section - Parts List

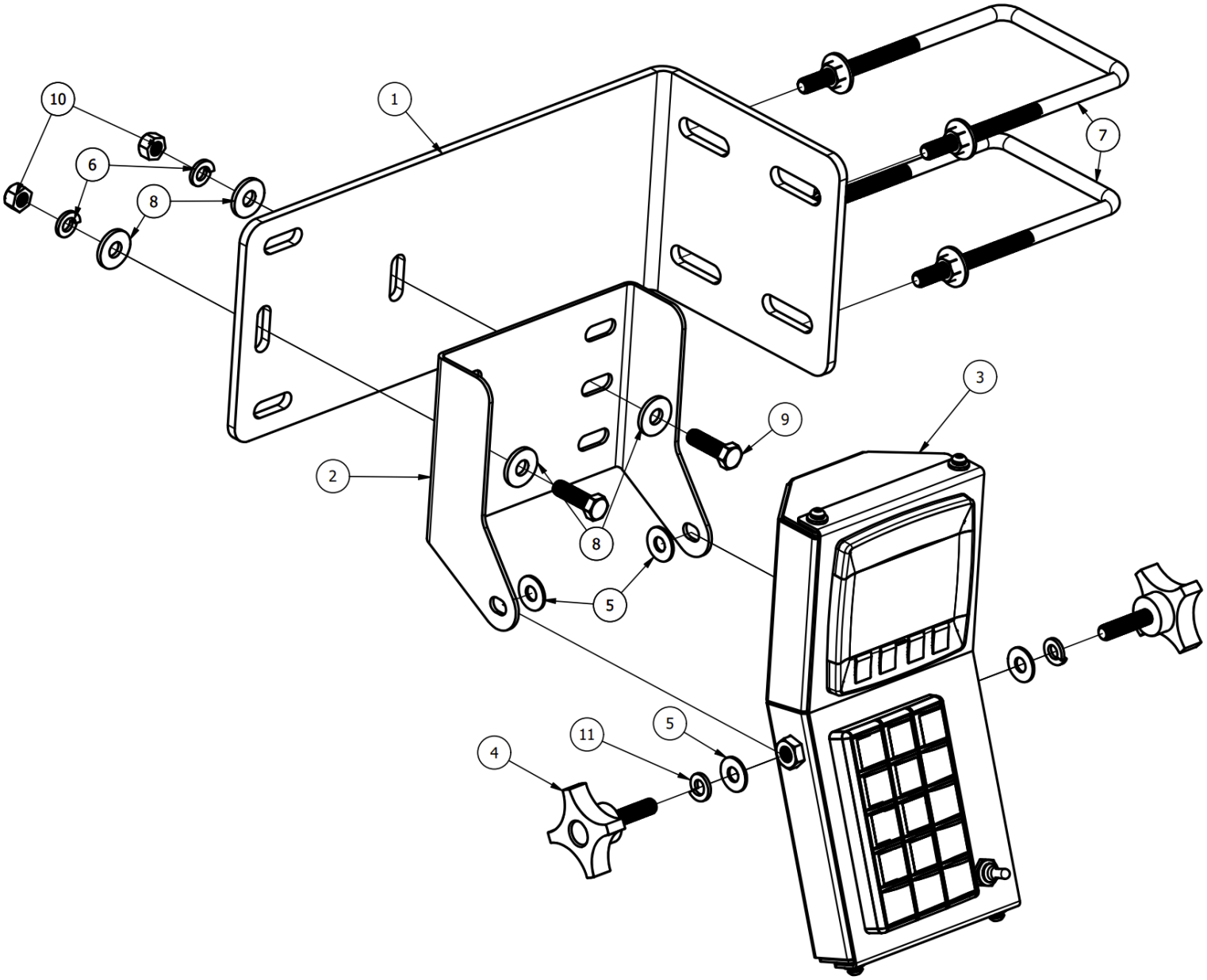
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	13059	5/16"-18 X 1 1/2" CAPSCREW PT
2	3	1D155	1" X 3" CLEVIS PIN
3	1	94846A558	1 1/8"-12 JAM NUT
4	2	BN-HH100	HOSE
5	1	BN-HH101	HOSE
6	1	BN-HH102	HOSE
7	2	BN-HH103	HOSE
8	1	BN-HYD100	HYDRAULIC CYLINDER BALL END
9	1	CY2008L ASAE	HDYRAULIC CYLINDER, 2" X 8"
10	1	CY2014L	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

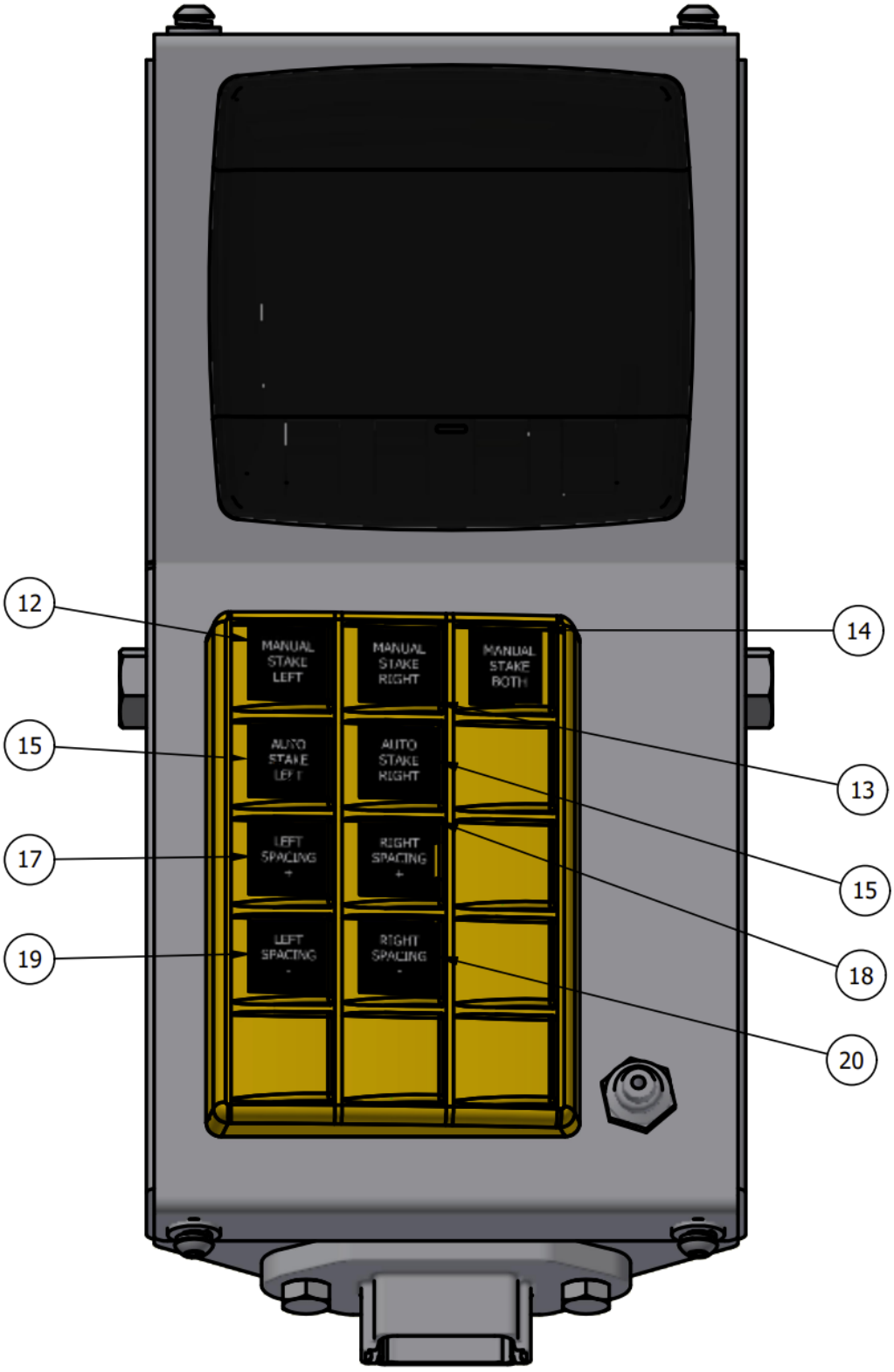

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Electrical Section - Parts List

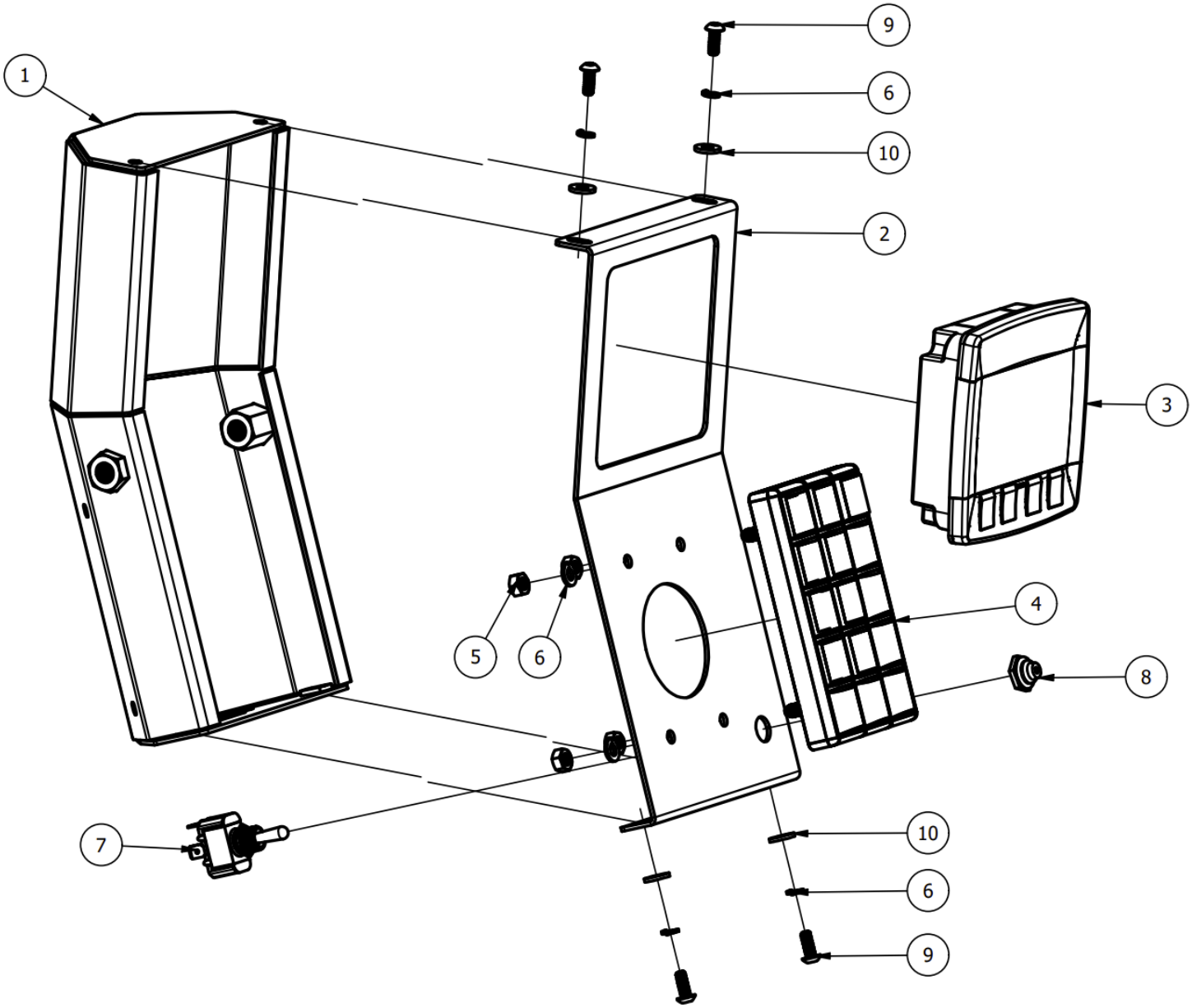
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BN-CPB202	CONTROL BOX FENDER MNT
2	1	BN-CPB201	CONTROL BOX MNT
3	1	BN-CPB100	BARR NET CONTROL BOX
4	2	5993K860	STEP AP203
5	4	33858	5/16" FLAT WASHER
6	4	33893	3/8" LOCK WASHER
7	2	3060T49	3/8"-16 X 4" X 6 5/8" SQ. U-BOLT
8	4	33859	3/8" FLAT WASHER
9	2	13107	3/8"-16 X 1 1/4" CAPSCREW
10	2	36306	3/8"-16 HEX NUT
11	2	33892	5/16" LOCK WASHER
12	1	BN-DCL104	DECAL
13	1	BN-DCL105	DECAL
14	1	BN-DCL106	DECAL
15	1	BN-DCL107	DECAL
16	1	BN-DCL108	DECAL
17	1	BN-DCL109	DECAL
18	1	BN-DCL110	DECAL
19	1	BN-DCL111	DECAL
20	1	BN-DCL112	DECAL


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LEFT SPACING -
RIGHT SPACING -

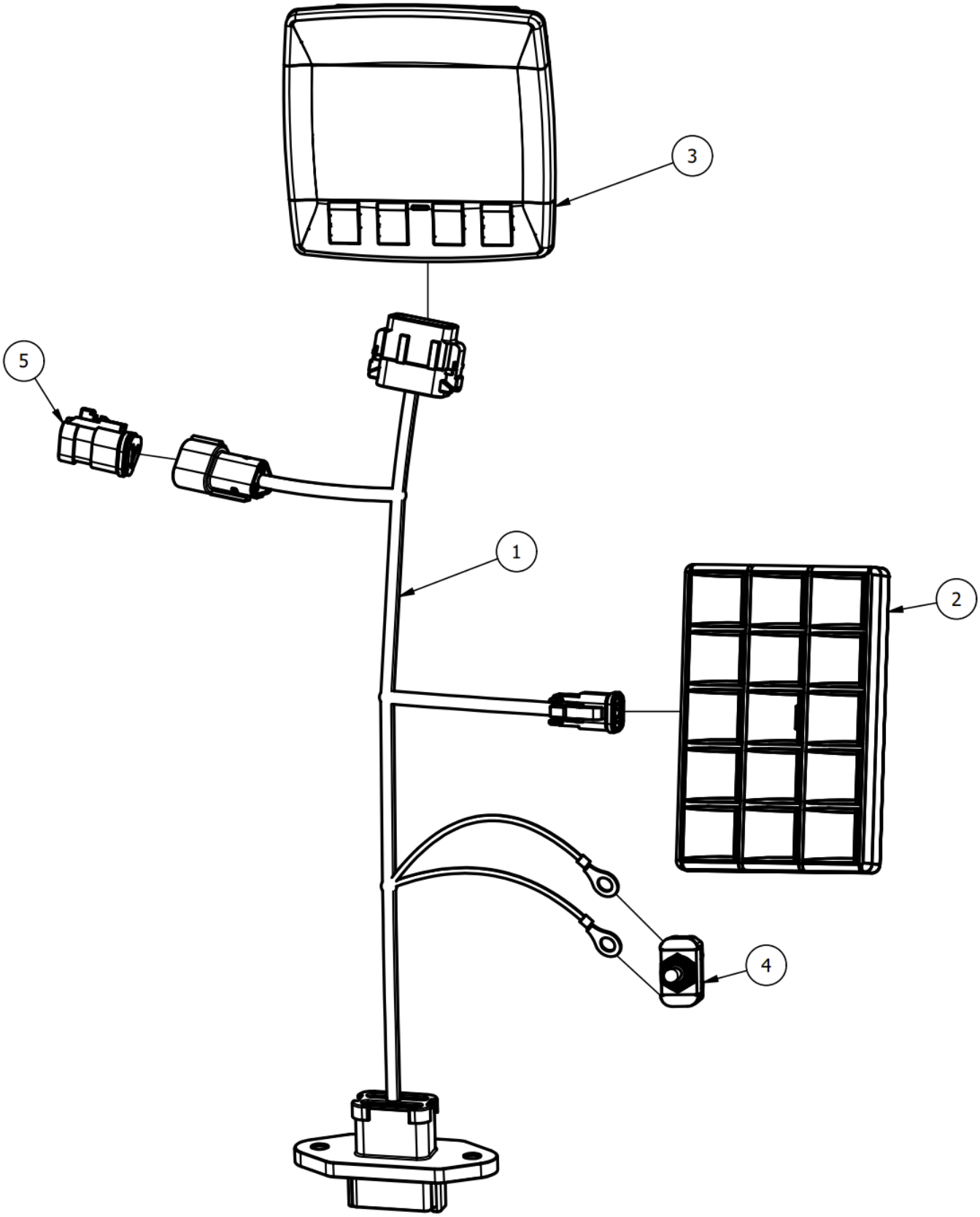
Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BN-CPB100	BARR NET CONTROL BOX
2	1	BN-CPB200	CONTROL BOX FACE PLATE
3	1	DP200	DISPLAY. DANFOSS
4	1	3K015-3RC3AG	15 BUTTON CAN KEYPAD
5	4	1140305	HEX NUT, M6-1.0
6	4	40381	M6 LOCK WASHERS
7	1	44252	TOGGLE SWITCH SEALED ON-OFF SPST 15AMP
8	1	44215	TOGGLE SWITCH BOOT
9	4	73732	10-24 X 1/2" BUTTON HEAD CAPSCREW
10	4	33074	#10 FLAT WASHER


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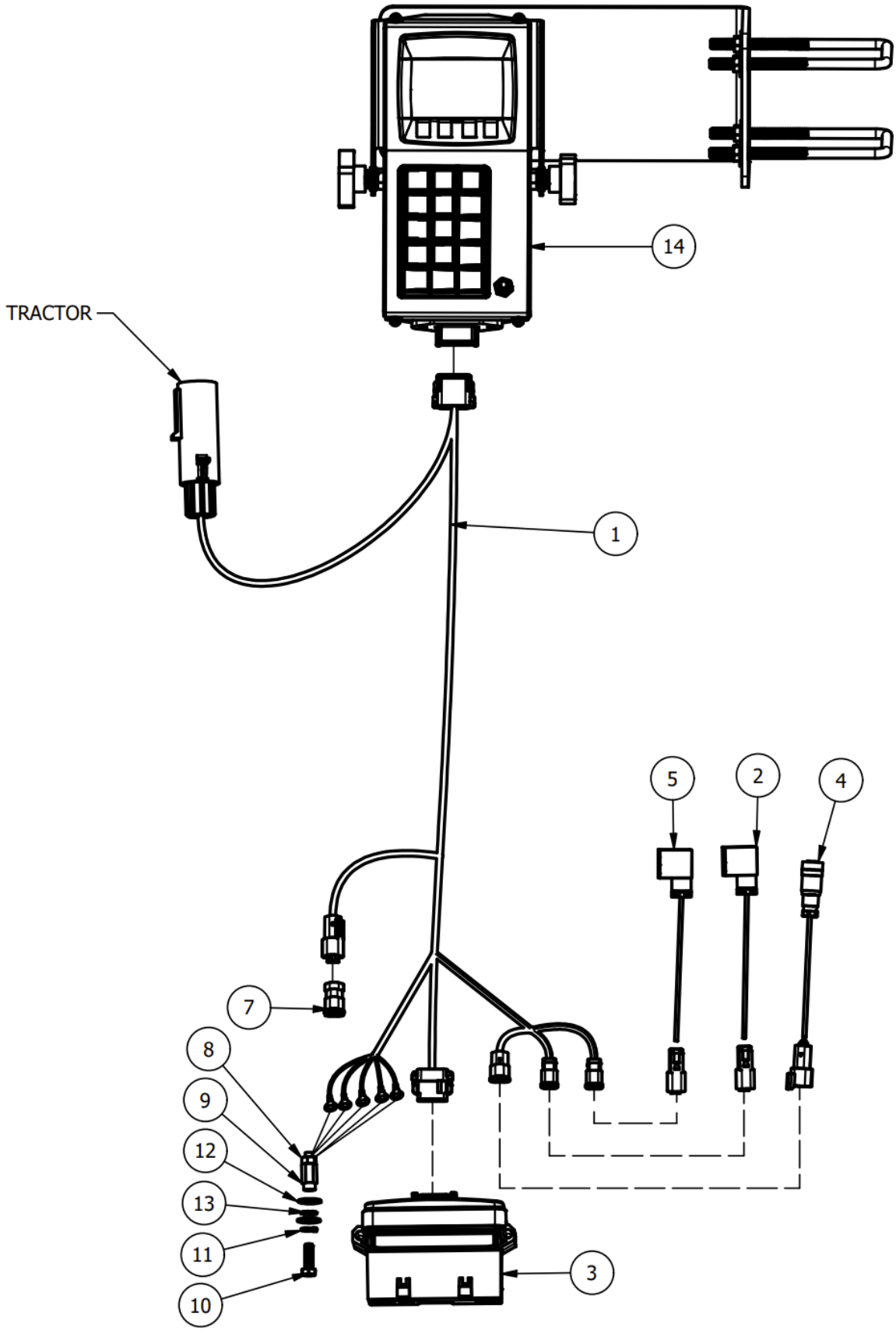
Parts List

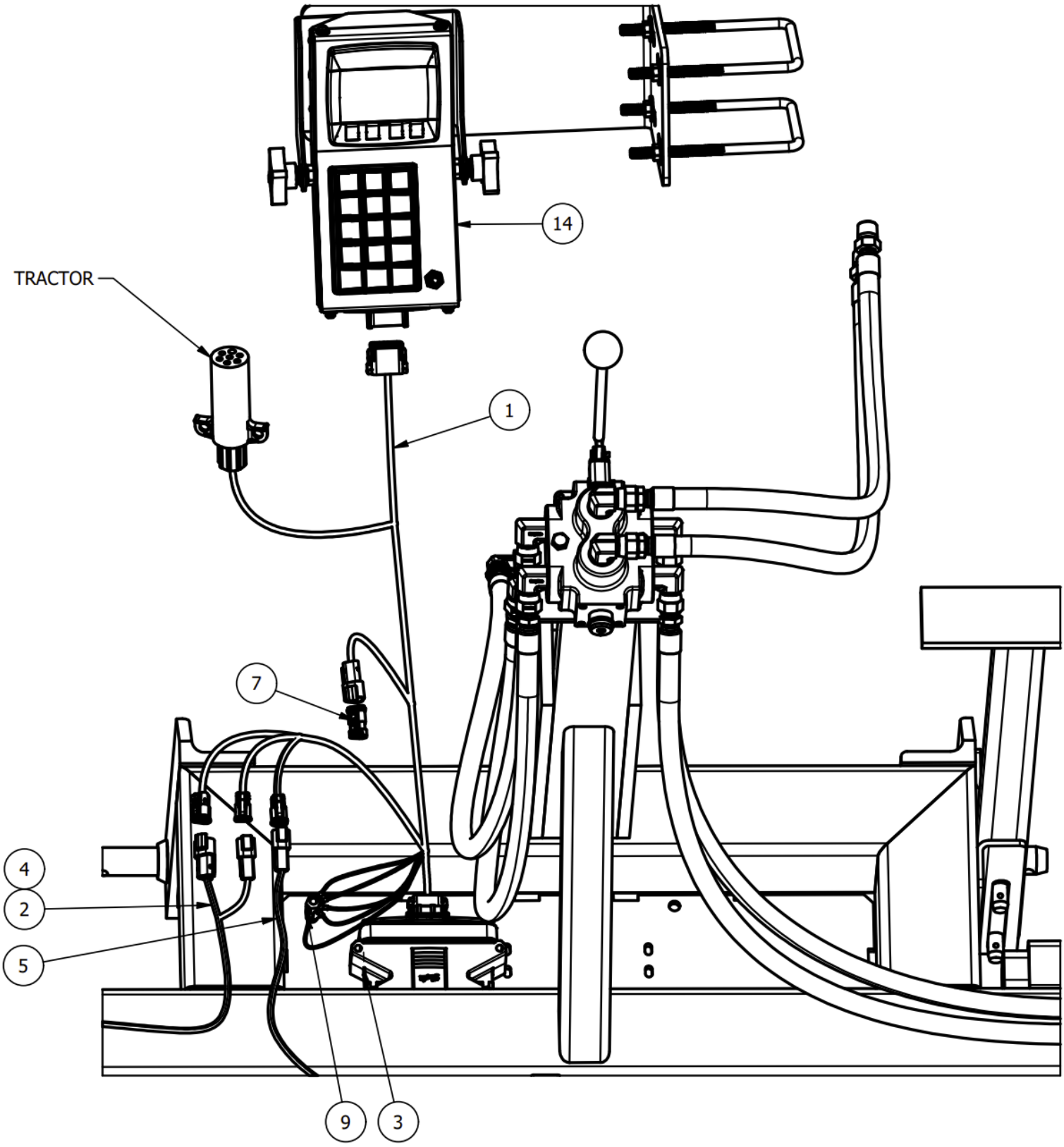
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BN-EL300	WIRE HARNESS
2	1	3K015-3RC3AG	15 BUTTON CAN KEYPAD
3	1	DP200	DISPLAY. DANFOSS
4	1	44252	TOGGLE SWITCH SEALED ON-OFF SPST 15AMP
5	1	DT06-3S-P006	J1939 TERMINATOR


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Parts List

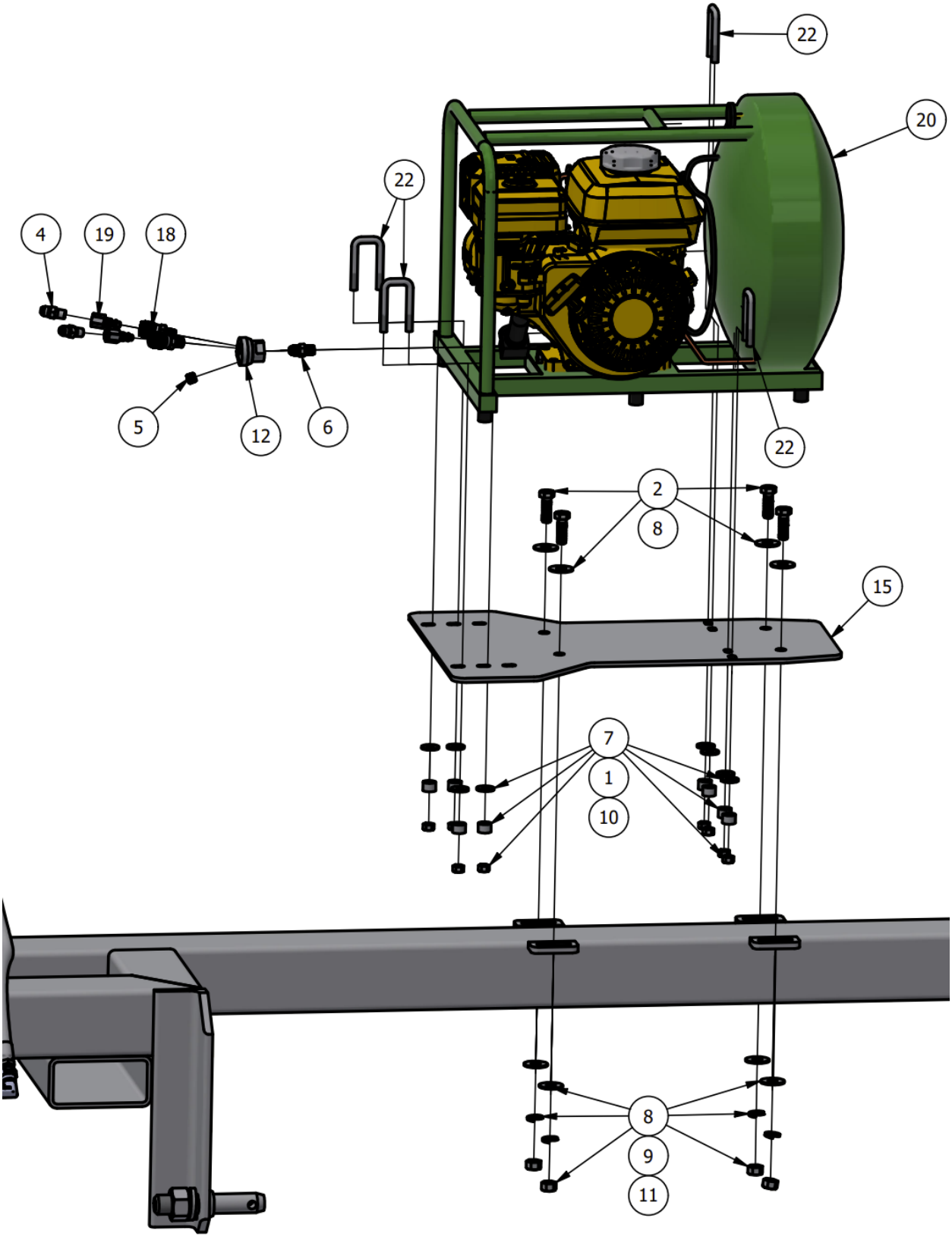
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BN-EL2105	WIRING HARNESS
2	1	BN-EL2109	WIRING HARNESS
3	1	MC012	MICRO CONTROLLER. DANFOSS
4	1	BN-EL2110	WIRING HARNESS (WHEEL SENSOR)
5	1	BN-EL2111	WIRING HARNESS
6	1	DT04-12PA-LE03	12 WAY RECEPTABLE, DT SERIES
7	1	DT06-3S-P006	J1939 TERMINATOR
8	1	36304	5/16"-18 HEX NUT
9	1	BN-EL30600	GROUND STUD
10	1	13055	5/16"-18 X 1" CAPSCREW
11	1	33892	5/16" LOCK WASHER
12	2	33858	5/16" FLAT WASHER
13	1	33738	5/16" EXTERNAL TOOTH WASHER
14	1	BN-EL900	CONTROL BOX

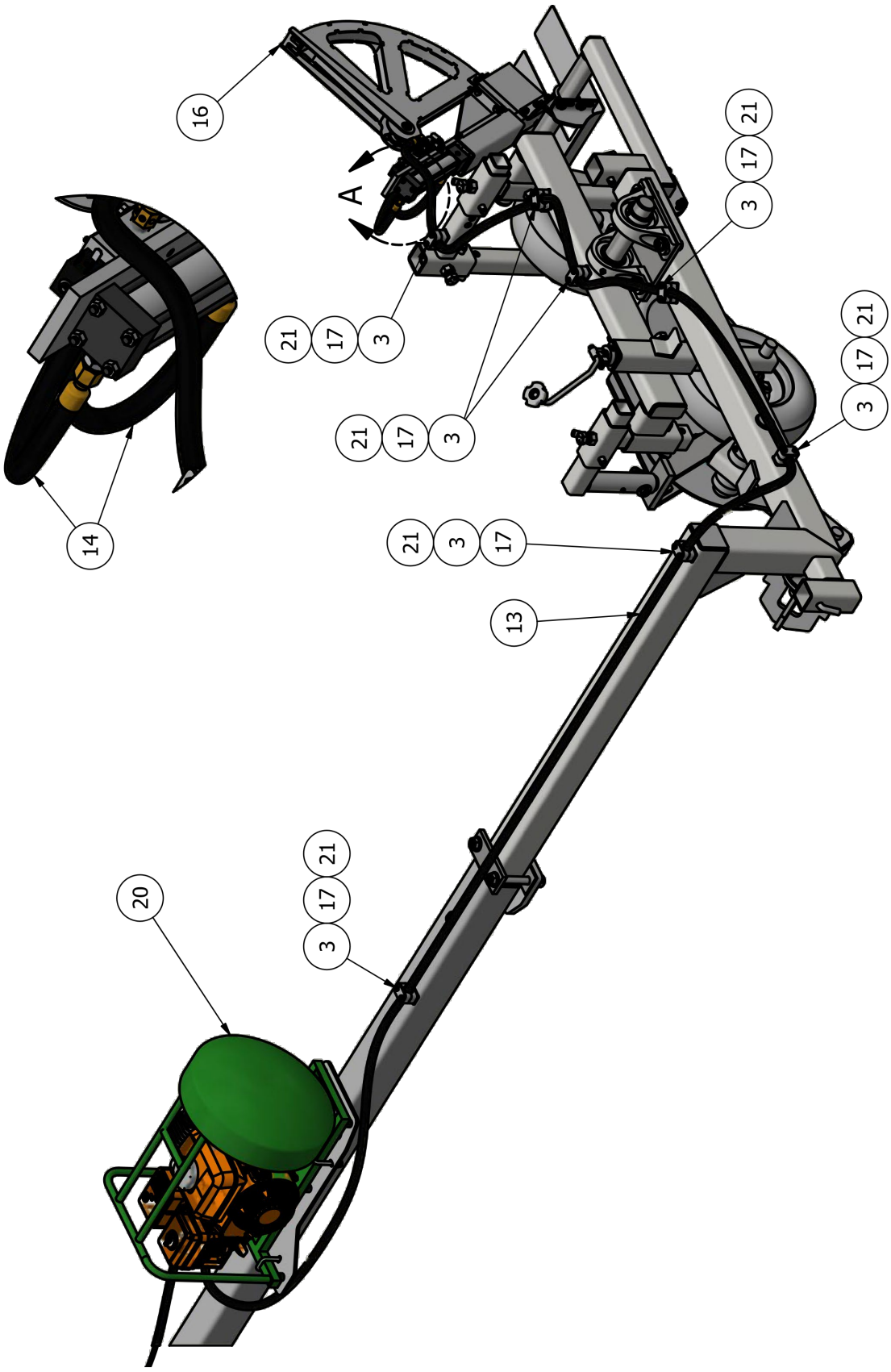

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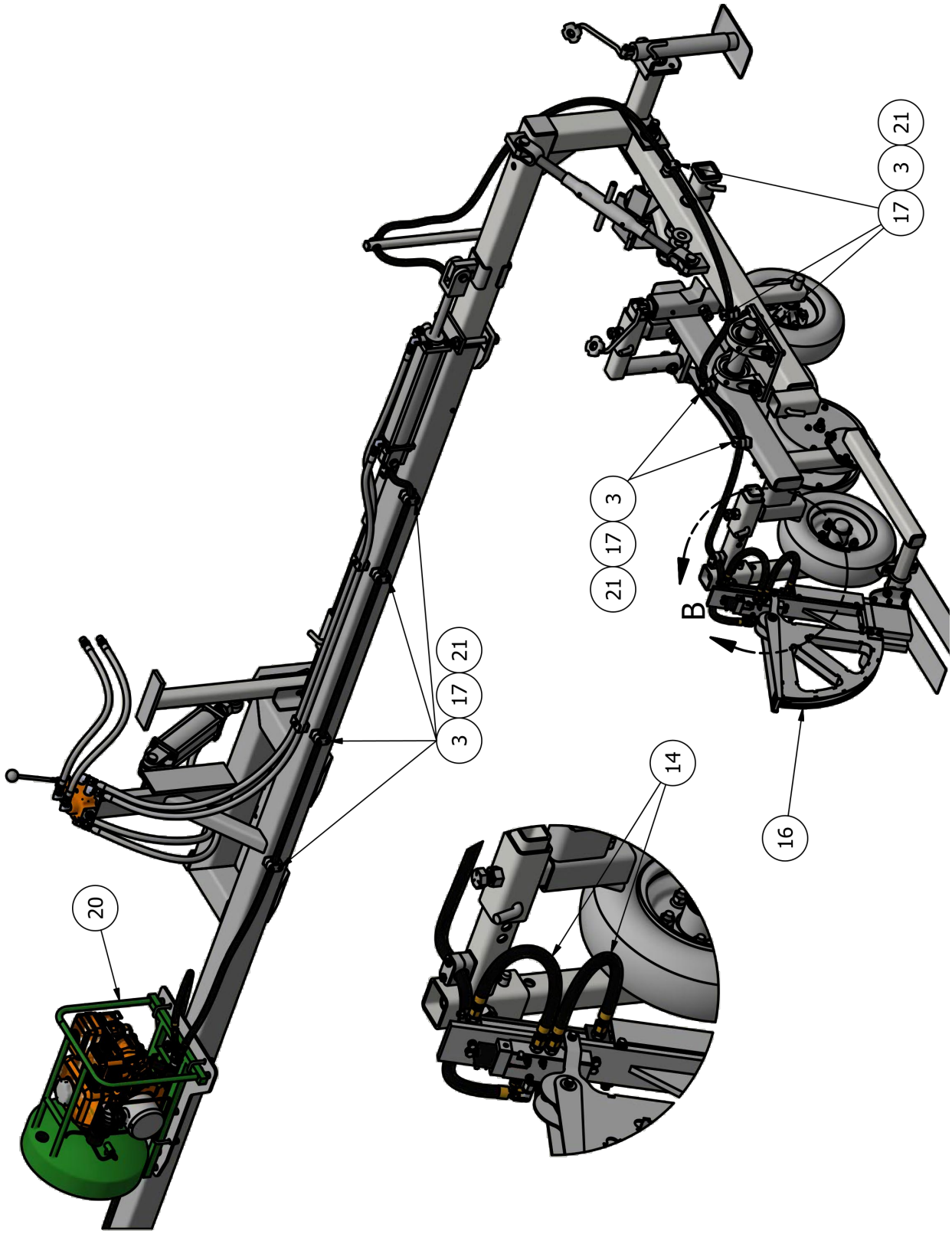

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Pneumatics Section - Parts List

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

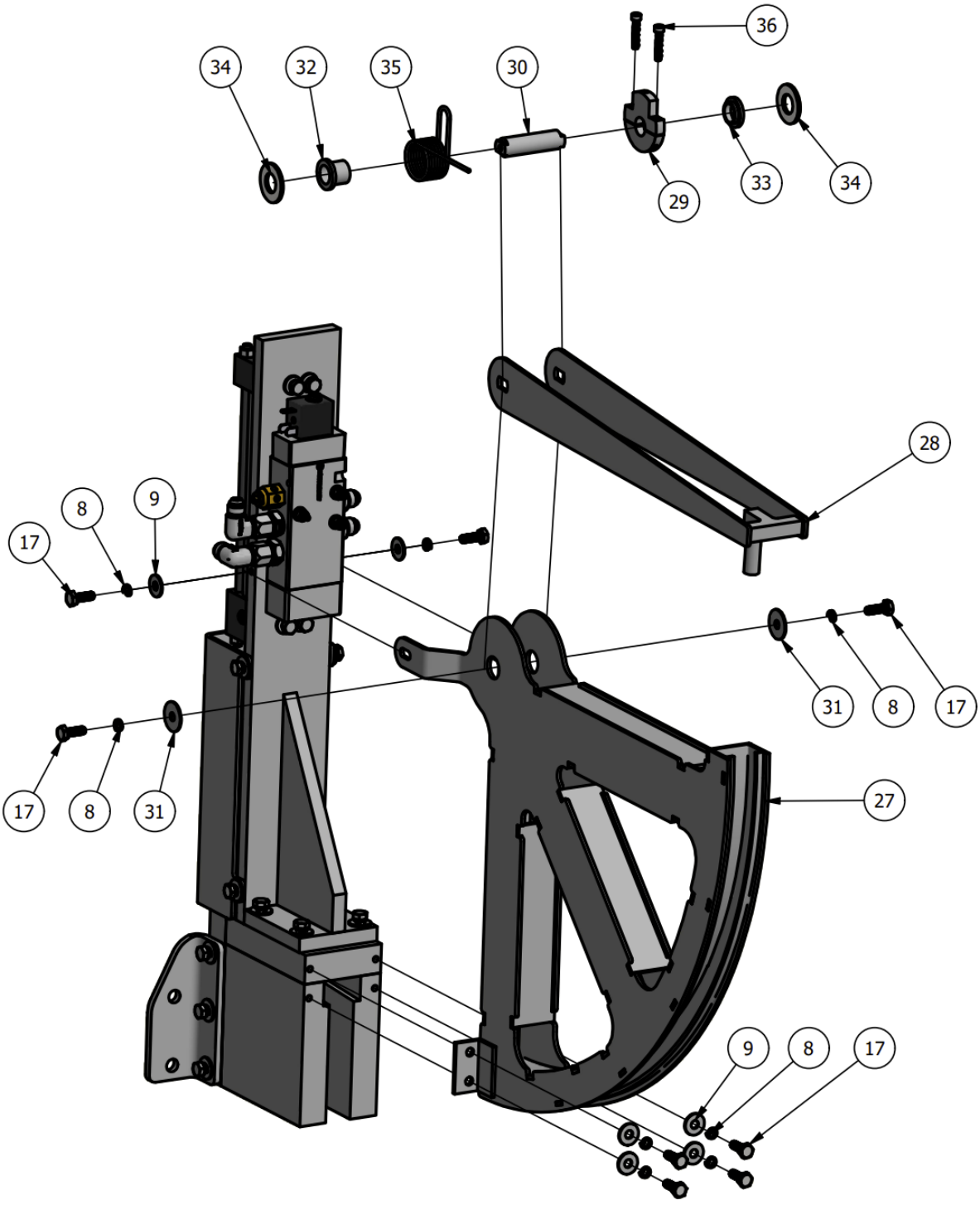

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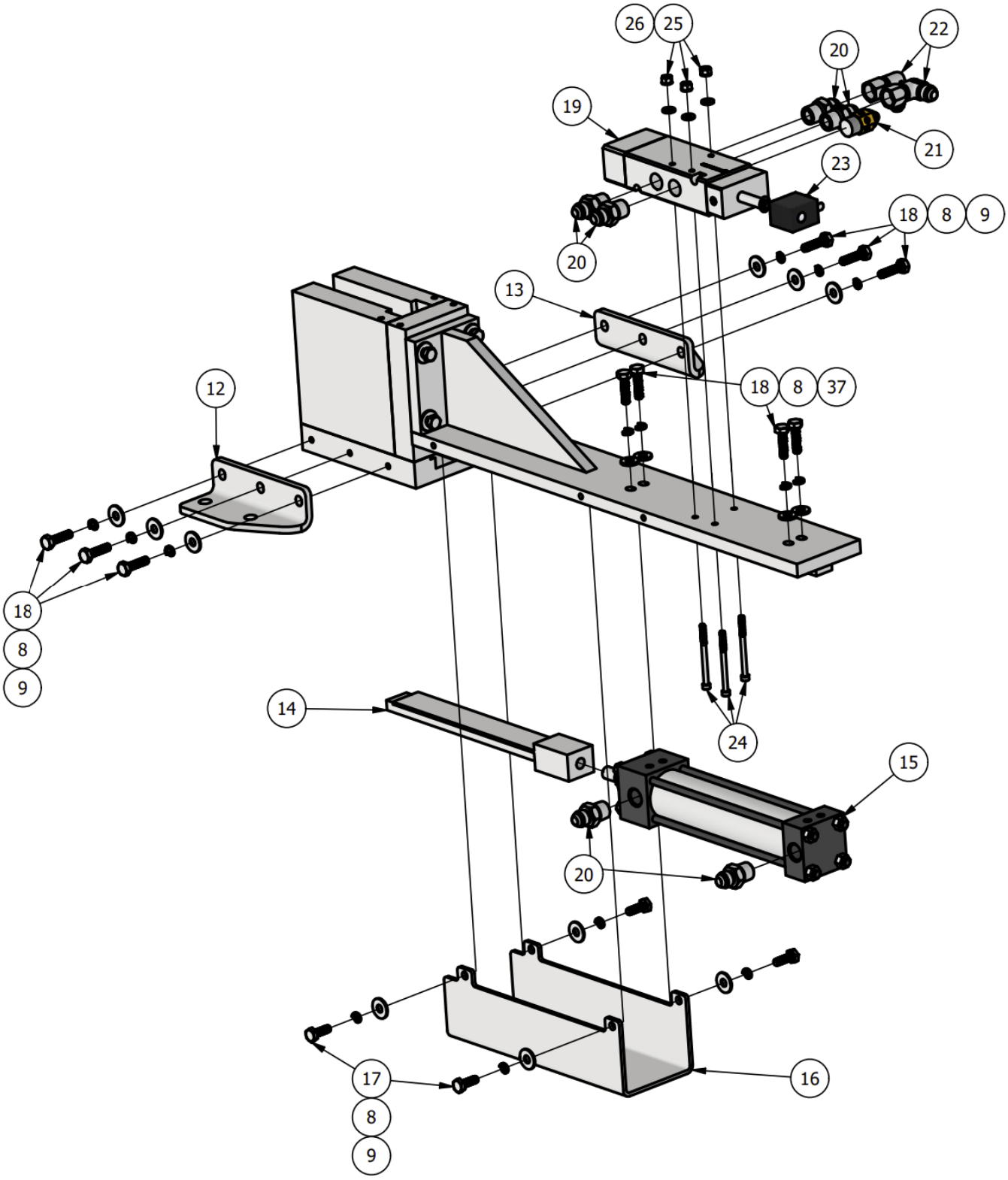

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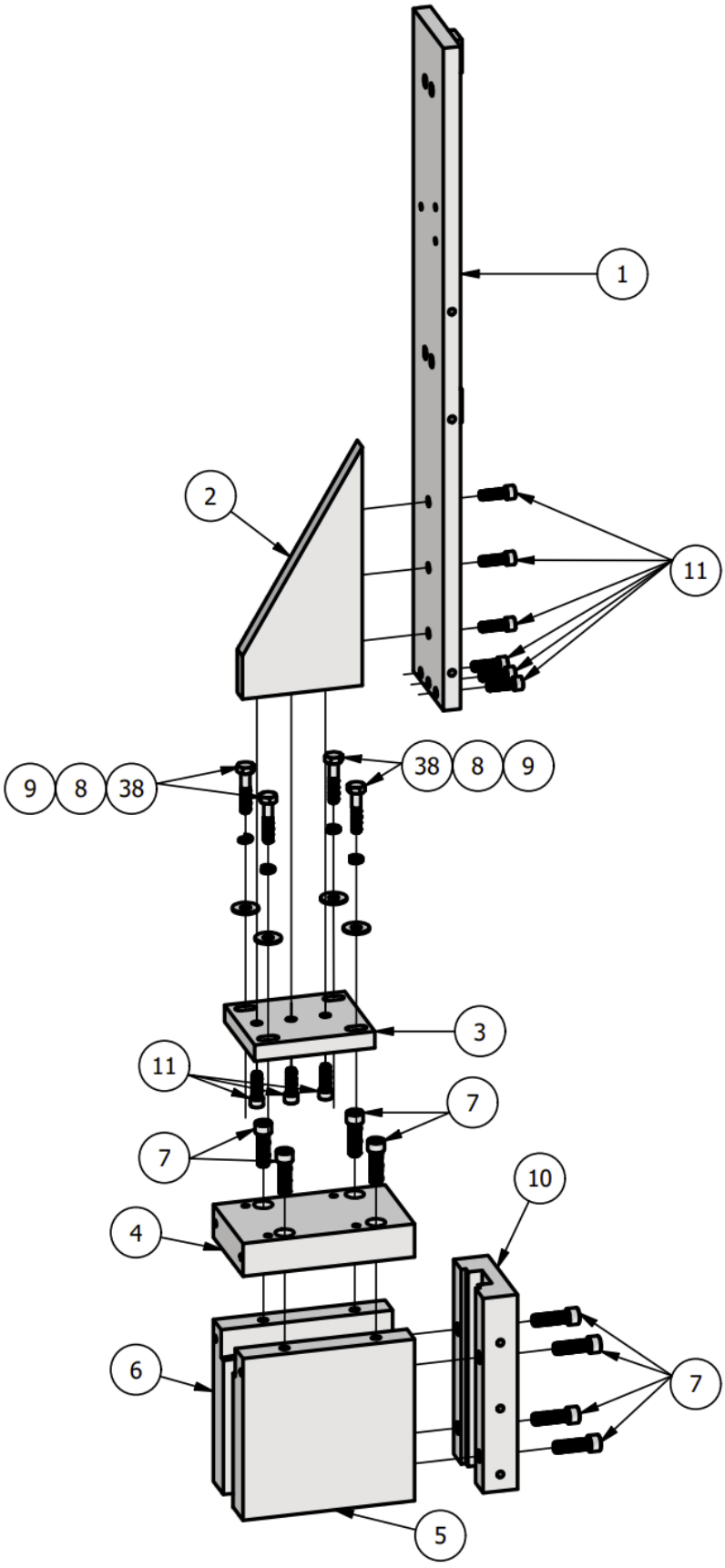

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Staker Section - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BN-STK105	STAKER CYLINDER MNT BACK PLT
2	1	BN-STK205	STAKER CYLINDER MNT GUSSET
3	1	BN-STK206	STAKER CYLINDER BASE PLT
4	1	BN-STK203	STAKER BODY TOP PLT
5	1	BN-STK202	STAKER SIDE PLT
6	1	BN-STK201	STAKER SIDE PLT
7	8	93255	5/16"-18 X 1" SOCKET HEAD CAPSCREW
8	26	33618	1/4" LOCK WASHER
9	20	33004	1/4" FLAT WASHER
10	1	BN-STK200	STAKER BODY - BACK PLT
11	9	93203	1/4"-20 X 3/4" SOCKET HEAD CAPSCREW
12	1	BN-STK212	STAKER BAR MOUNT
13	1	BN-STK211	STAKER BAR MOUNT
14	1	BN-STK210	STAKER RAM
15	1	EA0177A1-REV3	PNEUMATIC CYLINDER 1.5" X 6"
16	1	BN-STK209	STAKER CYLINDER SHIELD
17	12	15003	1/4"-20 X 3/4" CAPSCREW, GR 8
18	10	15005	1/4"-20 X 1" CAPSCREW, GR 8
19	1	V62S517AA2000A	NORGREN
20	6	2404-06-06	6MJ-6MP
21	1	9834K33	FLOW CONTROL MUFFLER
22	2	6500-06-06	6MJ-6FJ, 90
23	1	54469-01	12V COIL FOR PNEUMATIC VALVE
24	3	0171096	8-32 X 2 1_4 HEX HEAD
25	3	37012	HEX TOP LOCK
26	3	33072	#8 FLAT WASHER
27	1	BN-STK100	STAKER MAGAZINE
28	1	BN-STK101	STAKER MAGAZINE ARM
29	1	BN-STK207	STAKER SPRING TENSIONER
30	1	BN-STK208	STAKER ARM SHAFT
31	2	1171212	1/4" FENDER WASHER, 1" OD
32	1	EF10-12-12	BRONZE BUSHING 5/8" ID X 3/4" OD X 3/4" LG
33	1	BN-STK400	BRONZE BUSHING 5/8" ID X 3/4" OD X 1/4" LG
34	2	33819	5/8" SAE WASHER
35	1	BN-STK401	STAKER MAGAZINE SPRING
36	2	93148	13024 X 1" SOCKET HEAD CAPSCREW
37	4	33813	1/4 SAE FLAT WASHER
38	4	15007	1/4"-20 X 1 1/4" CAPSCREW, PT GR8

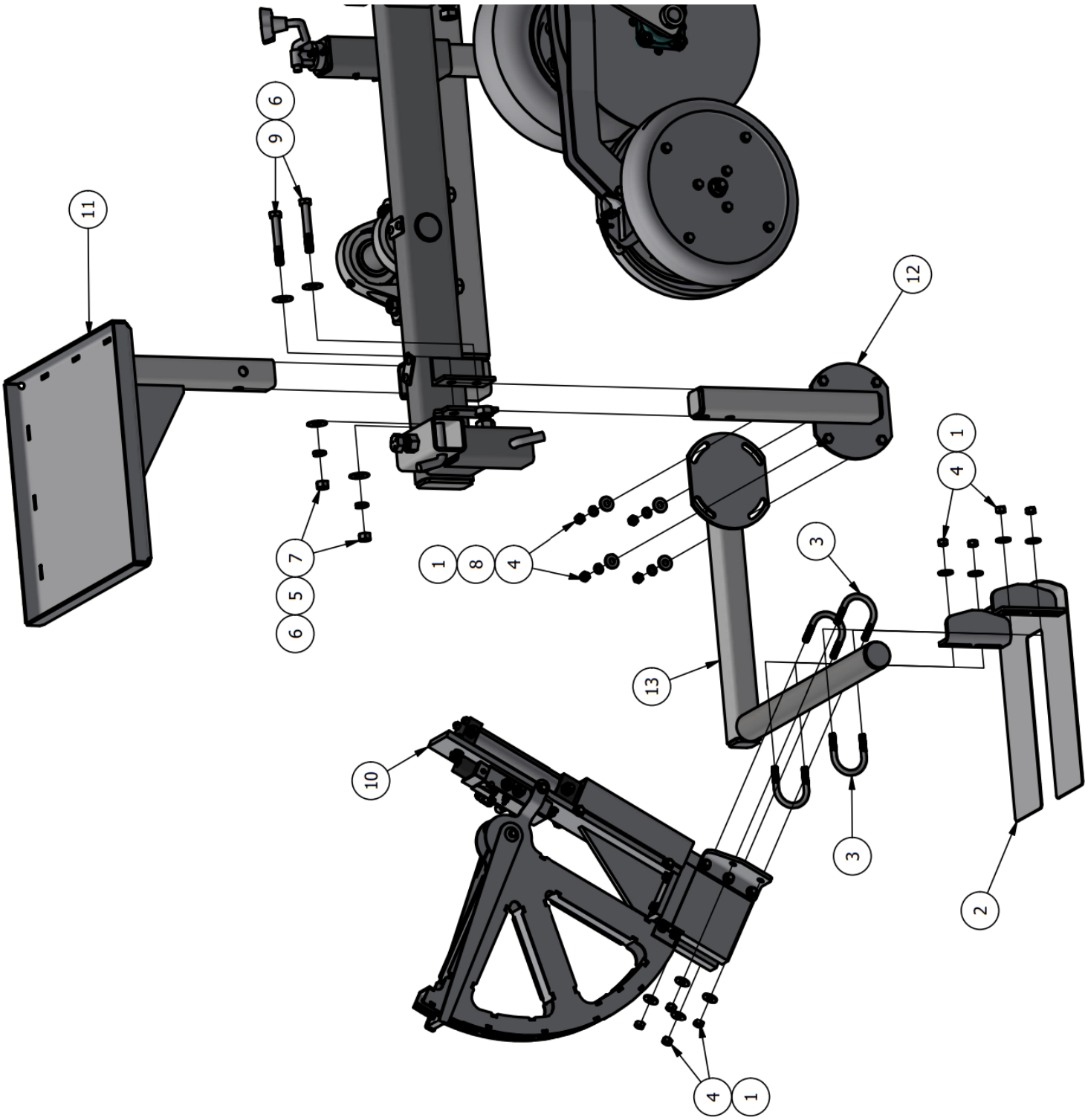

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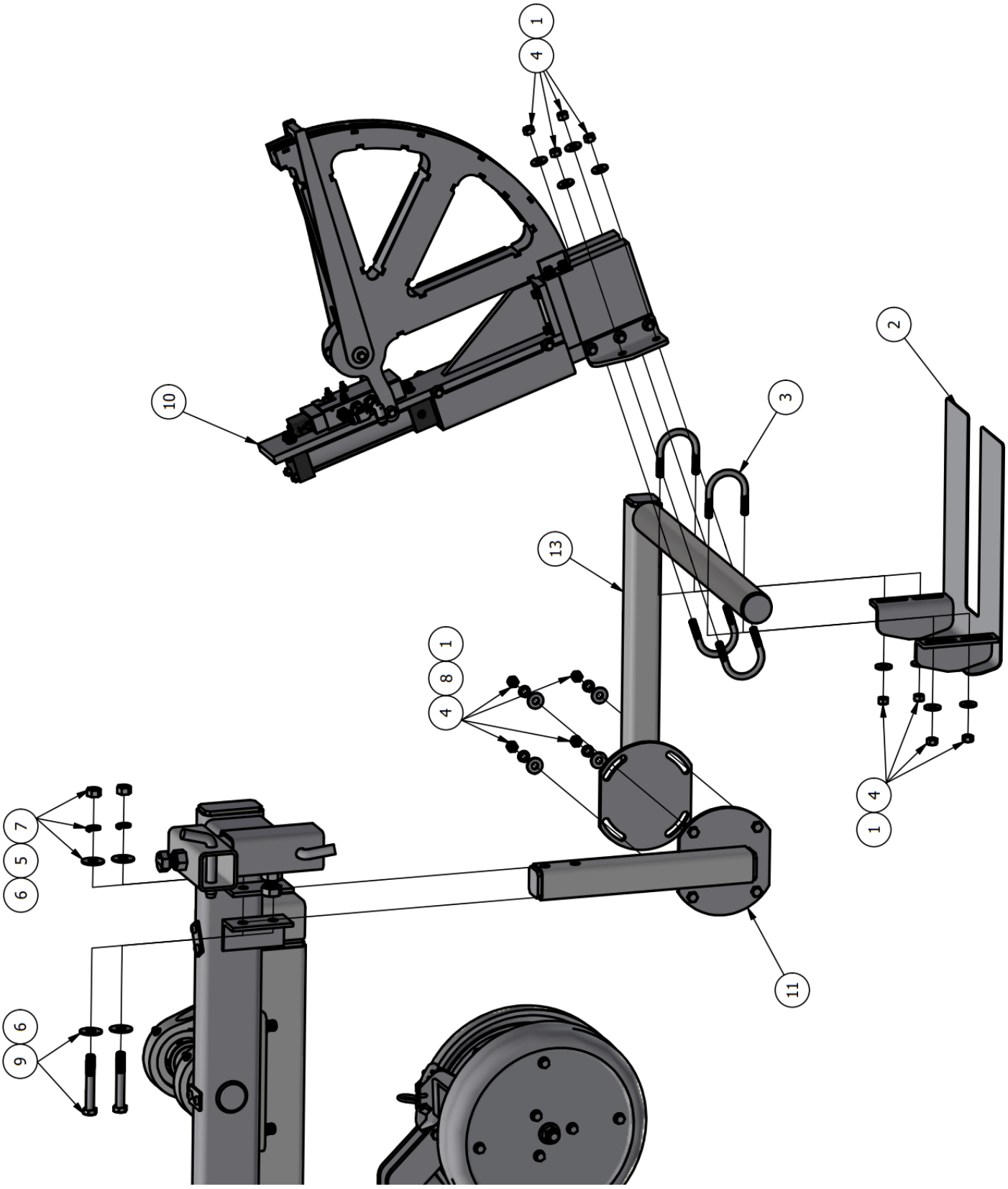

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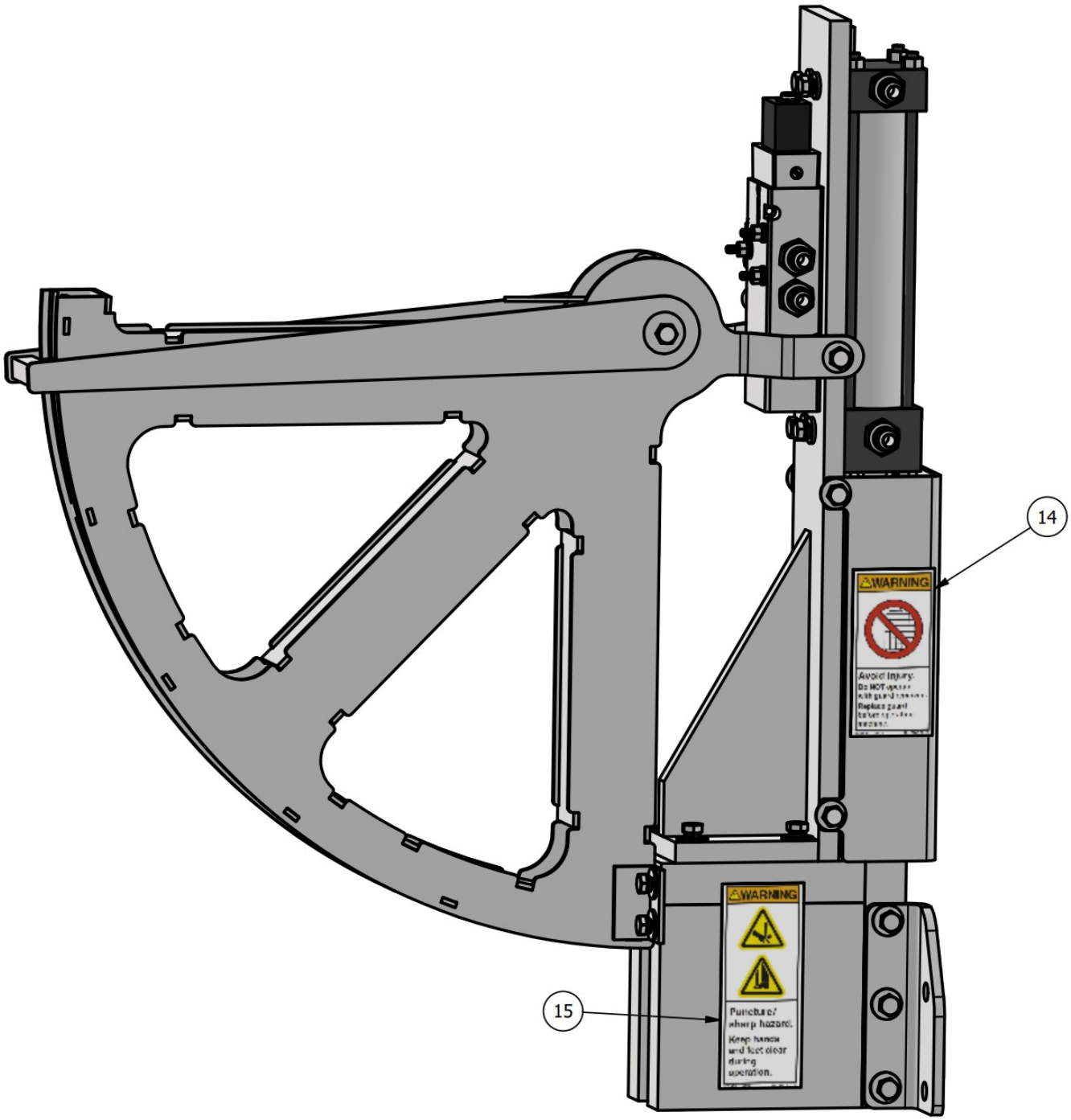
Staker Section - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	34	33859	3/8" FLAT WASHER
2	2	BN-STK106	STAKER SHOE
3	8	42032	U-BOLT, 3/8"-16 X 2 5/8" LG X 2" DIA
4	33	36306	3/8"-16 HEX NUT
5	8	33895	1/2" LOCK WASHER
6	16	33861	1/2" FLAT WASHER
7	8	36310	1/2"-13 HEX NUT
8	8	33893	3/8" LOCK WASHER
9	4	13217	1/2"-13 X 3 1/2" CAPSCREW PT
10	2	BN-STK900	STAKER ASSEMBLY
11	1	BN-SW105	STAKE BOX TRAY
12	2	BN-STK103	STAKER ARM FRAME MNT
13	2	BN-STK102	STAKER ARM
14	4	BN-DCL103	WARNING GUARD IN PLACE
15	4	BN-DCL102	WARNING PUNCTURE/SHARP HAZARD
16	1	BN-DCL101	MAGNUM LOGO


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WARNING
Avoid injury:
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WARNING
Puncture/
sharp hazard.
Keep hands
and feet clear
during
operation.