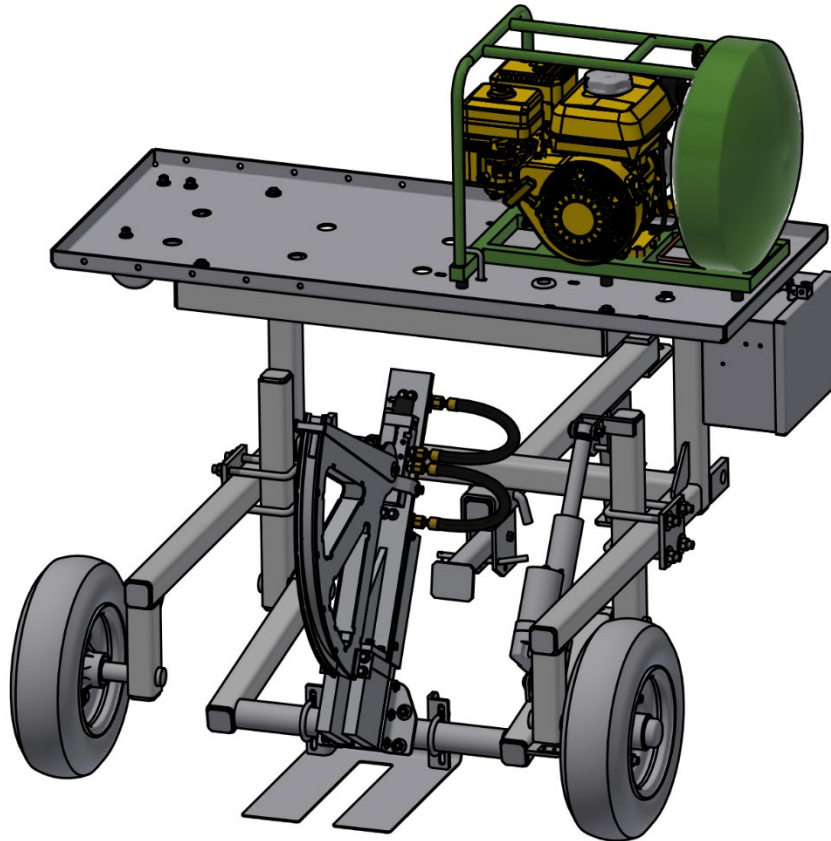


MAGNUM AUTO STAKER

PARTS MANUAL



MAGNUM SAS300/DAS300

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

RE-ORDER NUMBER: SAS-300 MANUAL
REVISION: SAS-000000



MAGNUM SAS300/DAS300 PARTS MANUAL

The purpose of this manual is for parts identification of the Magnum SAS300/DAS300 Auto Staker. 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 Auto Staker. 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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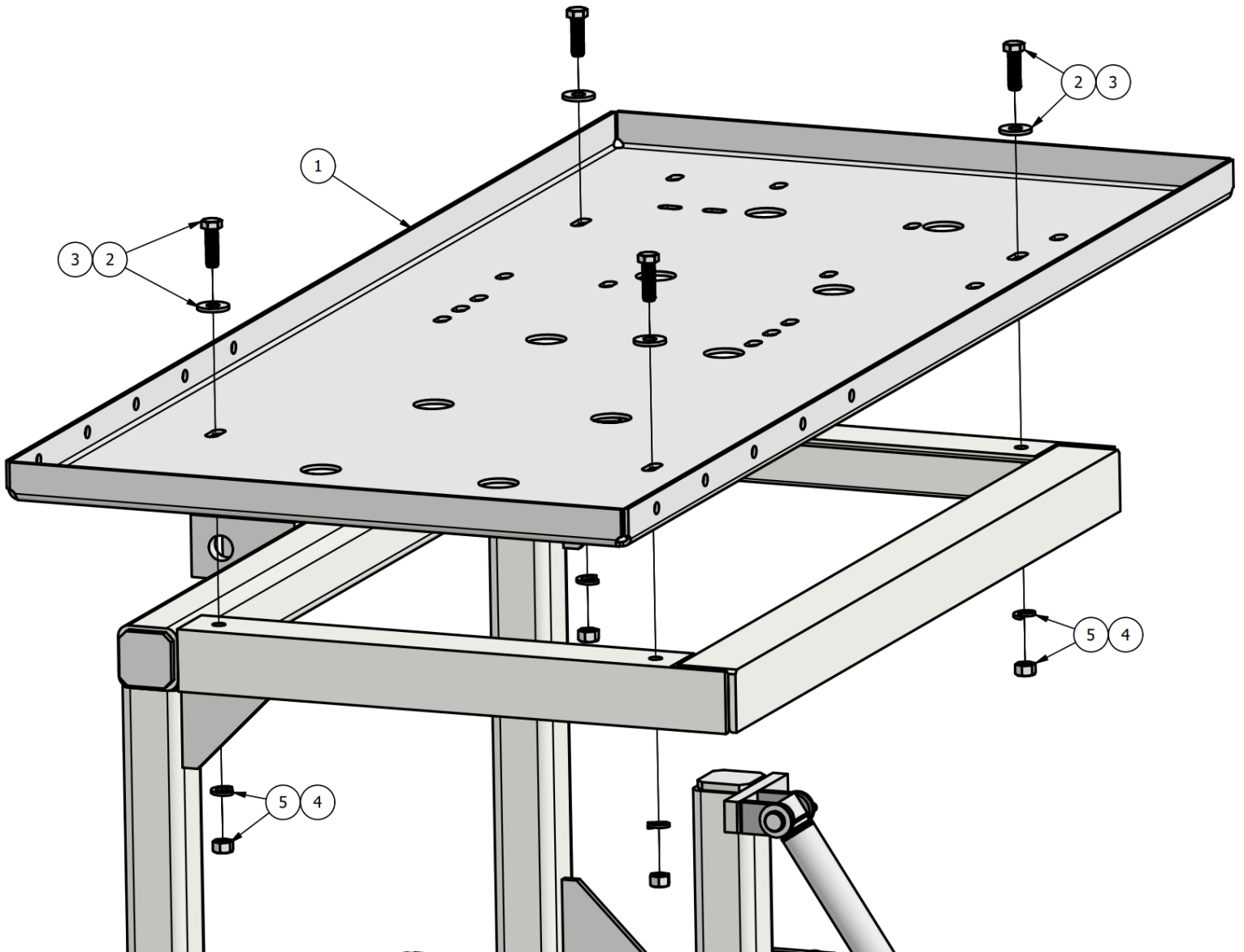
Section 1	Parts
Section 2	Electrical
Section 3	Pneumatics
Section 4	Staker
Section 5	Dual Staker
Section 6	Decals

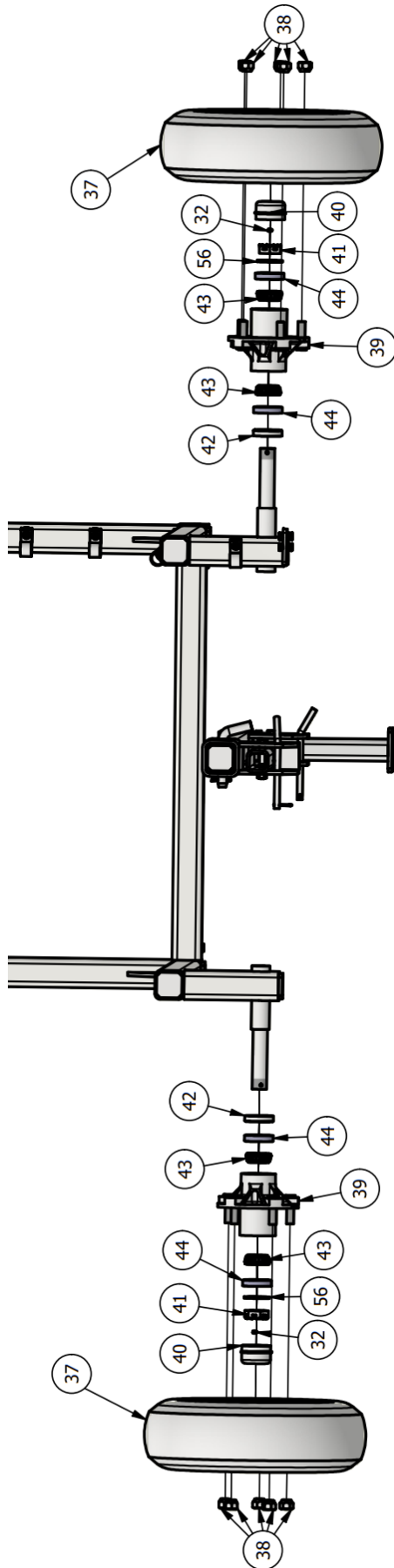
Parts Section - Parts List

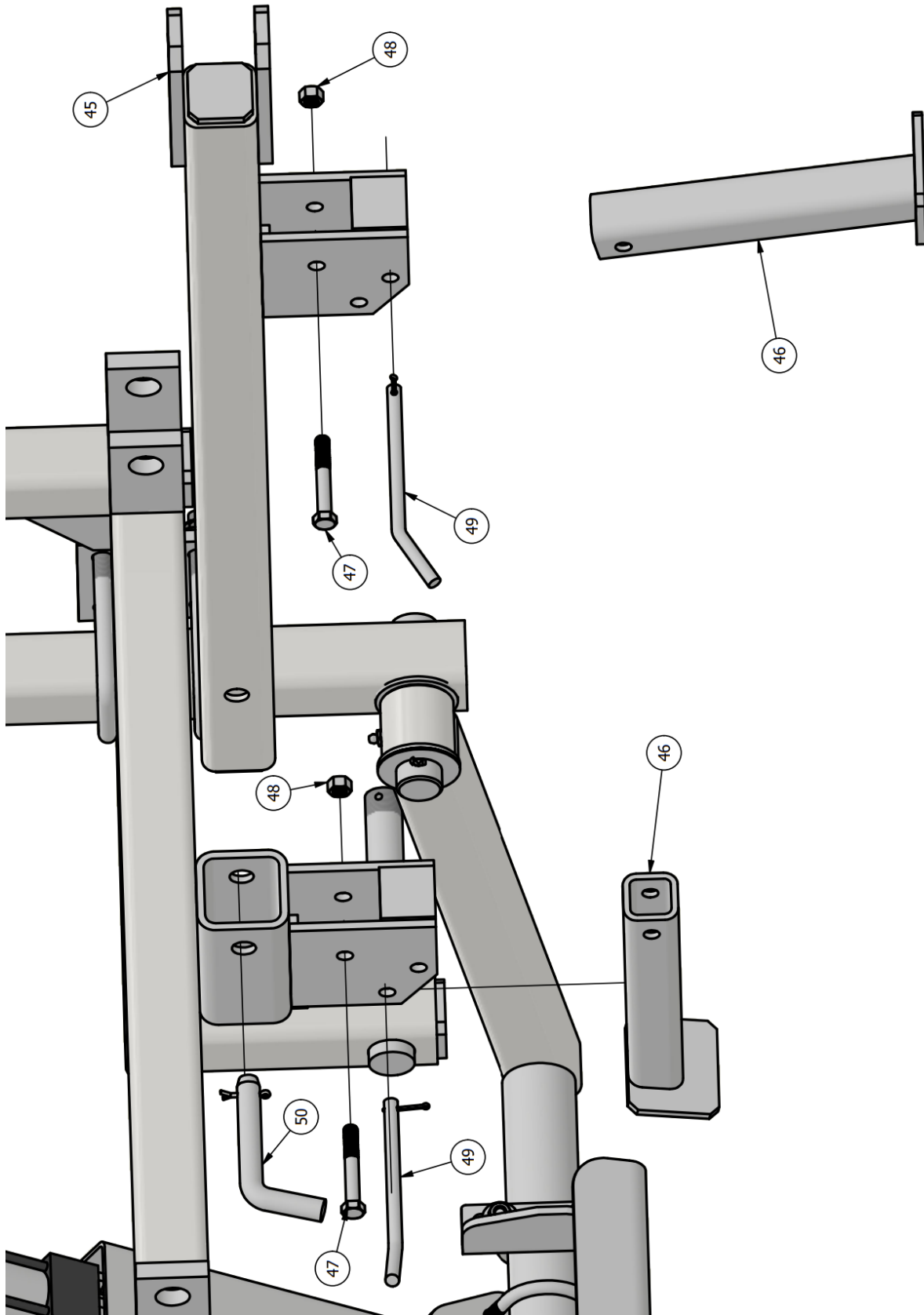
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ST-TR200	3 PT STAKER TRAY
2	7	13107	3/8"-16 X 1 1/4" CAPSCREW
3	24	33859	3/8" FLAT WASHER
4	7	33893	3/8" LOCK WASHER
5	13	36306	3/8"-16 HEX NUT
6	1	ST-AR103	3PT STAKER ADJUSTABLE ARM
7	1	ST-AR101	3PT STAKER ADJUSTABLE ARM
8	1	ST-AR102	3PT STAKER ADJUSTABLE ARM
9	2	58794	1/8" NPT GREASE FITTING, ST
10	2	65127	3/16" COTTER PIN
11	2	33429	1 1/4"-18 GA. WASHER
12	4	33529	1 1/4"-10 GA. WASHER
13	4	020DXR012	1 1/4 X 3/4 METAL/POLYMER BEARING
14	2	ST-AR200	3PT STAKER ARM CLAMP PLT
15	2	404760	Sq. Bent U-Bolt, 1/2"D X 2 1/8 X 5 1/4", 2 pack
16	8	37268	1/2"-13 LOCKNUT
17	8	33861	1/2" FLAT WASHER
18	3	WPCDL7SUBZP-1H	3/8"-16 X 1 1/2" X 2 3/4" SQ. U-BOLT
19	6	0185761	3/8" ID X 3/4" OD X 1/2"LG SPACER
20	1	GD4000	GAS AIR COMPRESSOR
21	1	S24087600	DOCUMENT HOLDER
22	3	13055	5/16"-18 X 1" CAPSCREW
23	8	33858	5/16" FLAT WASHER
24	4	33892	5/16" LOCK WASHER
25	5	36304	5/16"-18 HEX NUT
26	1	13059	5/16"-18 X 1 1/2" CAPSCREW
27	1	ST-EL200	3PT STAKER ELECTRICAL BOX MOUNT
28	1	ST-EL900	ELECTRICAL BOX
29	1	DC0009-SR	ACUTATOR
30	2	0156772	1/2" X 2 1/4" CLEVIS PIN
31	4	33817	1/2" SAE WASHER
32	3	65078	1/8" COTTER PIN
33	8	37212	3/8"-16 HEX NUT, REV LOCK
34	4	42032	U-BOLT, 3/8"-16 X 2 5/8" LG X 2" DIA
35	1	BN-STK900	STAKE ASSEMBLY
36	1	BN-STK106	STAKER SHOE
37	2	4.80/4.00-8TW	TIRE AND RIM
38	10	30422	1/2"-20 LUG NUT
39	2	BT150HR	5 BOLT HUB
40	2	30426	DUST CAP
41	2	SN1000	CASTLE NUT
42	2	30429	SEAL
43	4	30427	BEARING
44	4	L44610	BEARING RACE
45	1	ST-ST101	HITCH
46	2	ST-ST102	3 PT STAKER TOW HITCH STAND

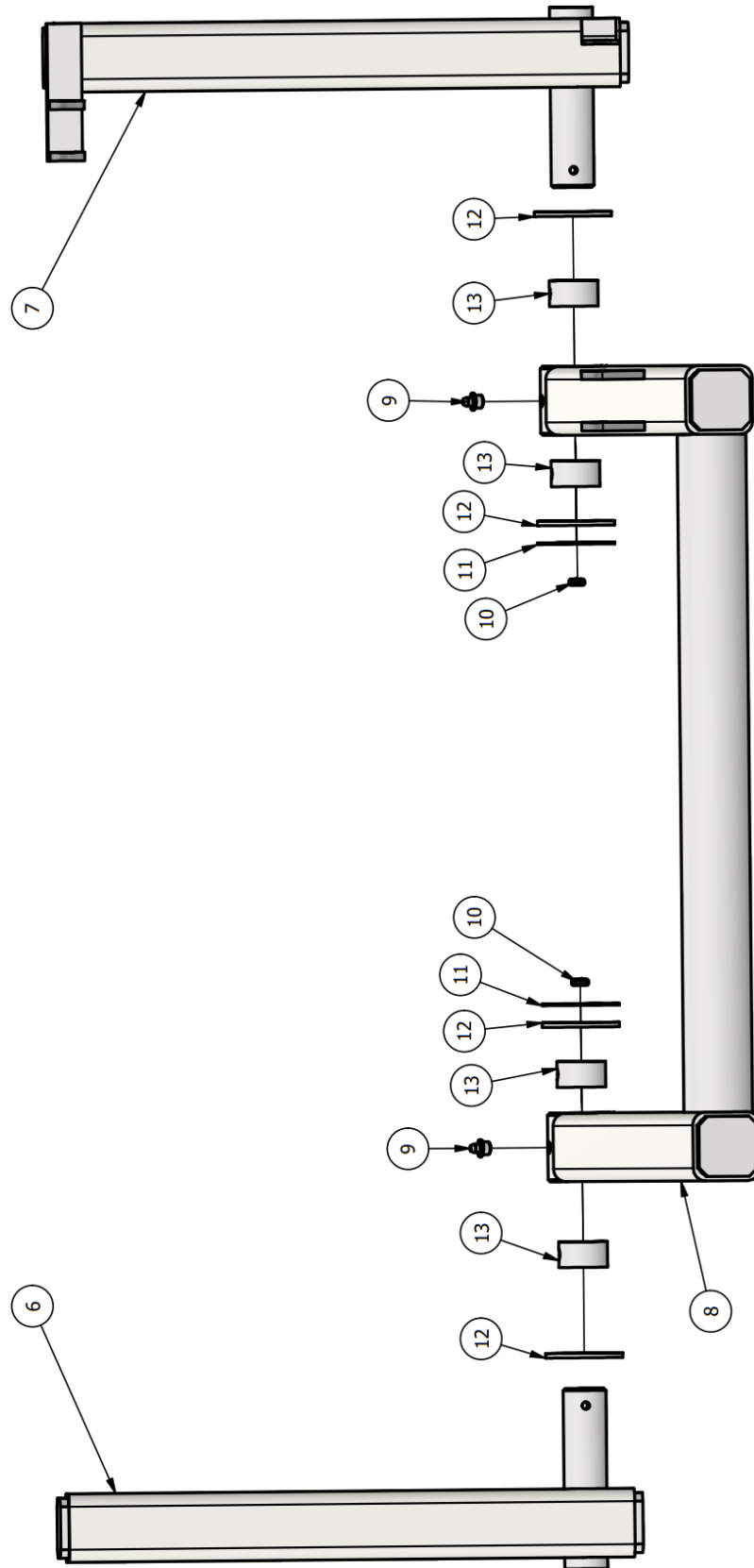
SAS-300 PARTS

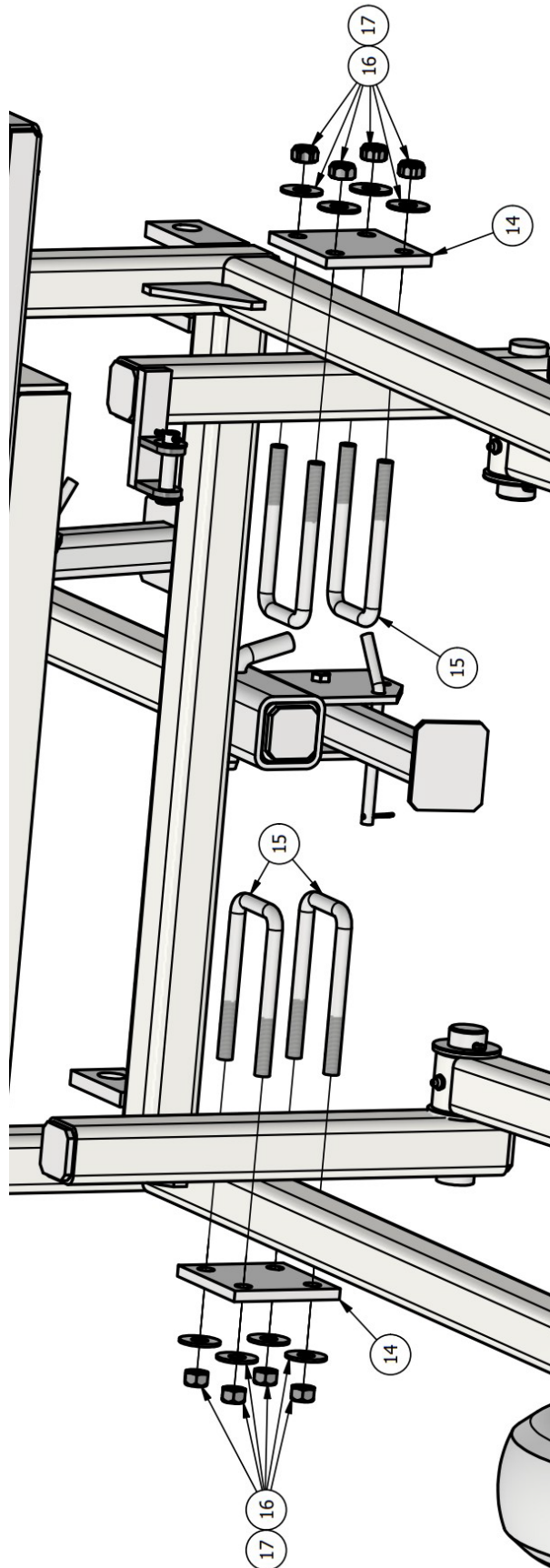
47	2	13113	3/8"-16 X 2 1/2" CAPSCREW PT
48	2	37264	3/8"-16 LOCKNUT
49	2	1B001	PIN
50	1	S07111200	5/8" X 3" BENT PIN
51	1	GD4000-REG	REGULATOR [SERVICE]
52	1	GD4000-EFA	AIR FILTER [SERVICE]
53	1	GD4000-FA	FILTER [SERVICE]
54	1	GD4000-FE	FILTER HOUSING [SERVICE]
55	1	33738	5/16" EXTERNAL TOOTH WASHER
56	2	SW1000	SPINDLE WASHER

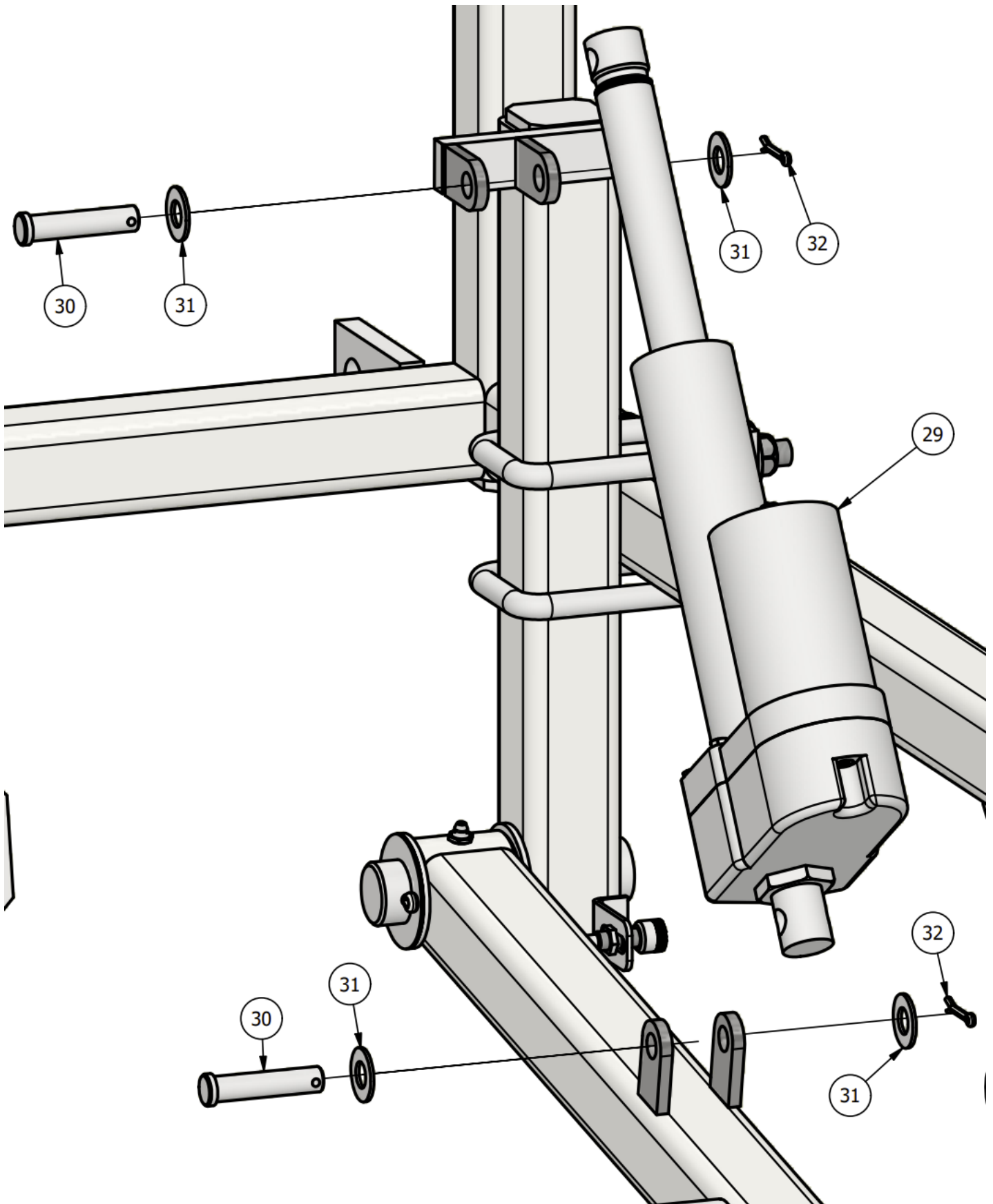


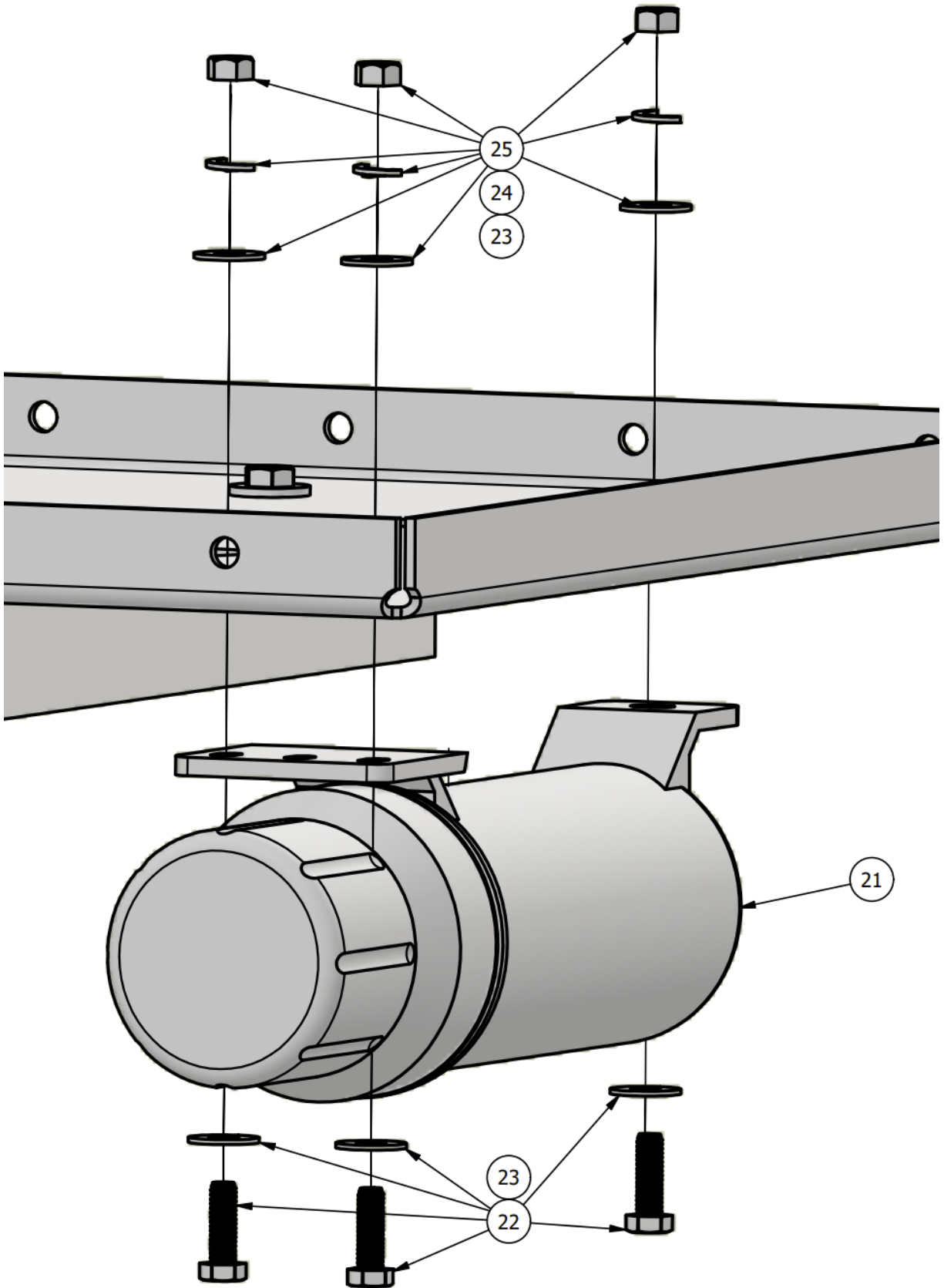


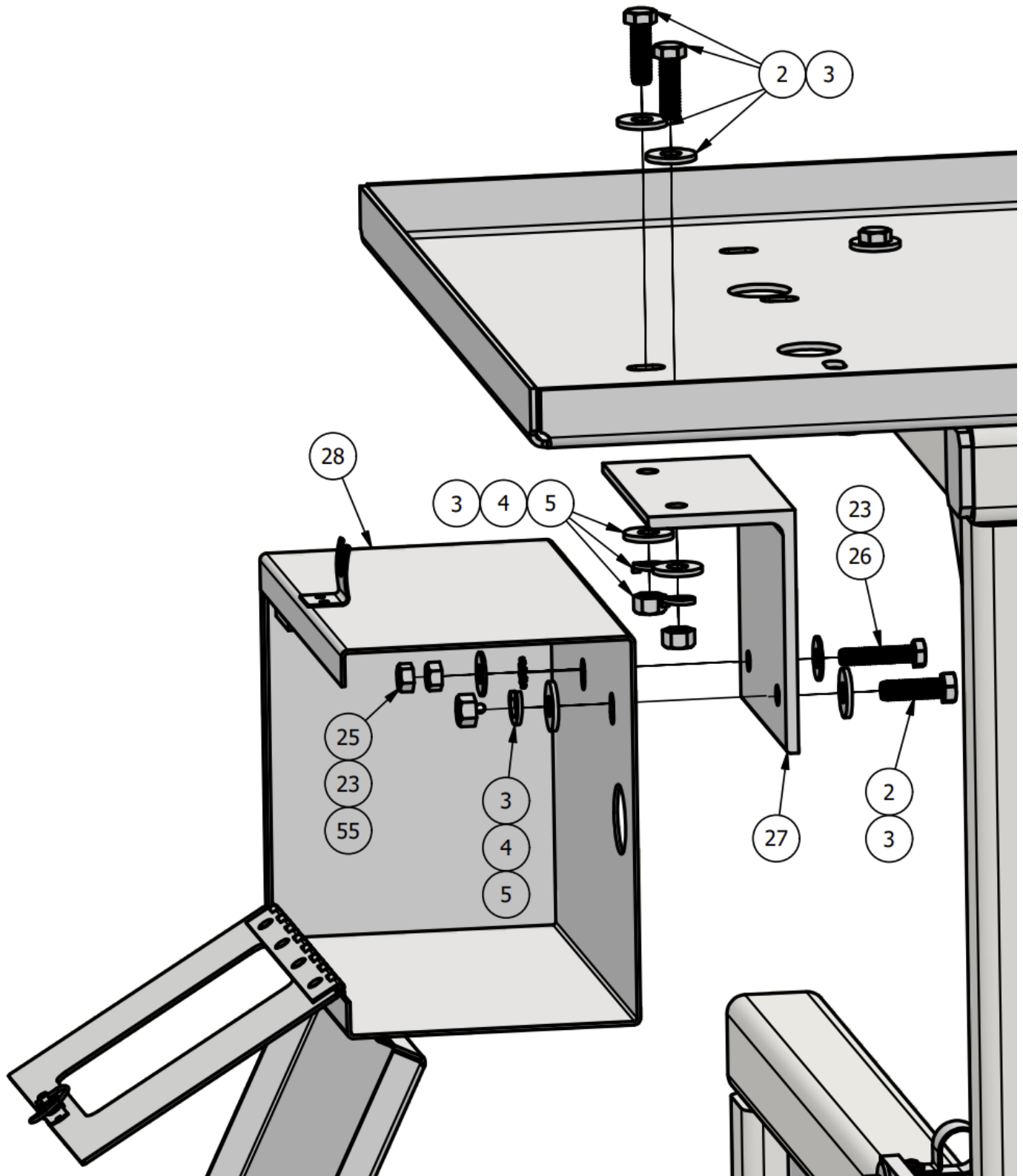


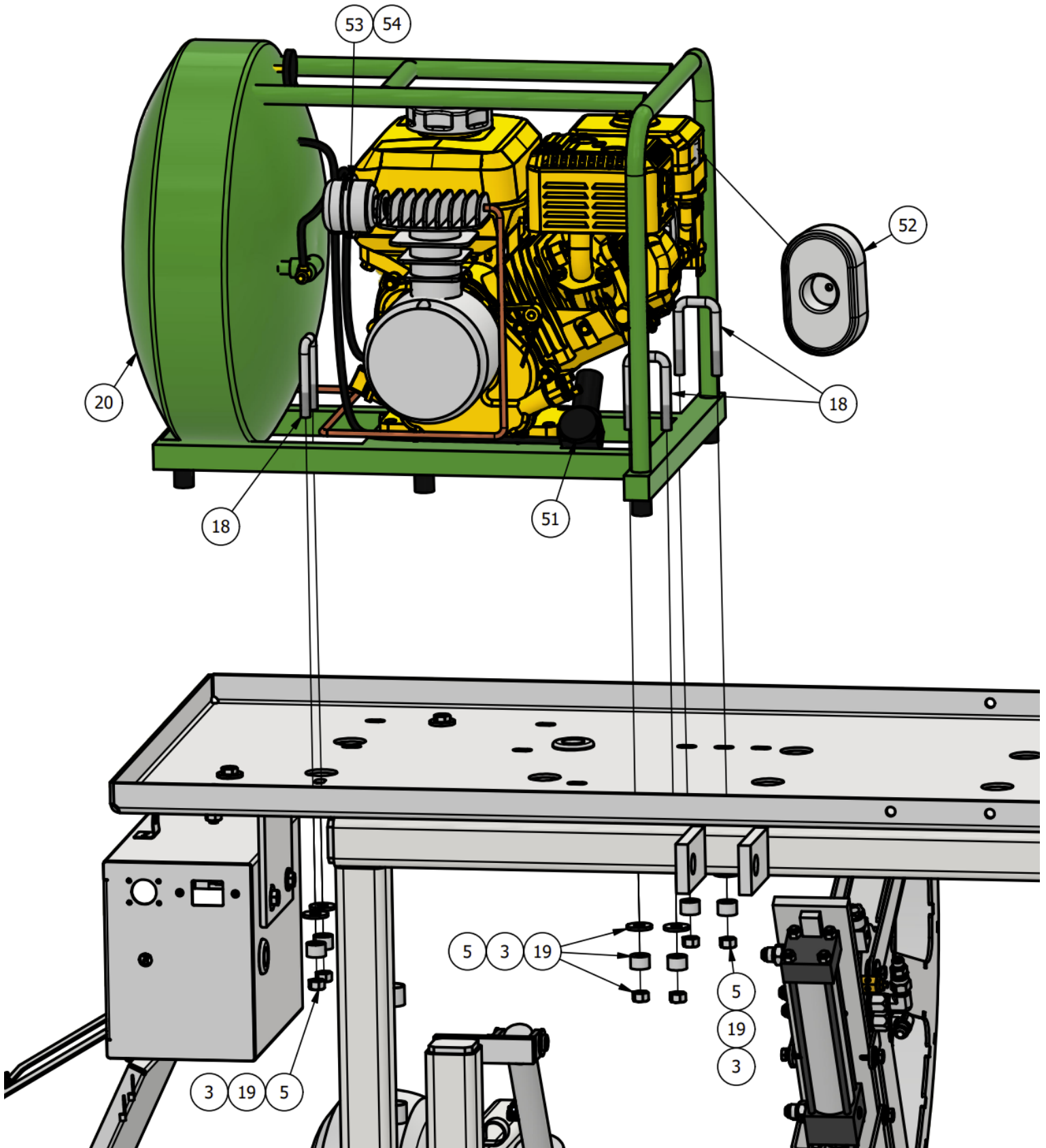


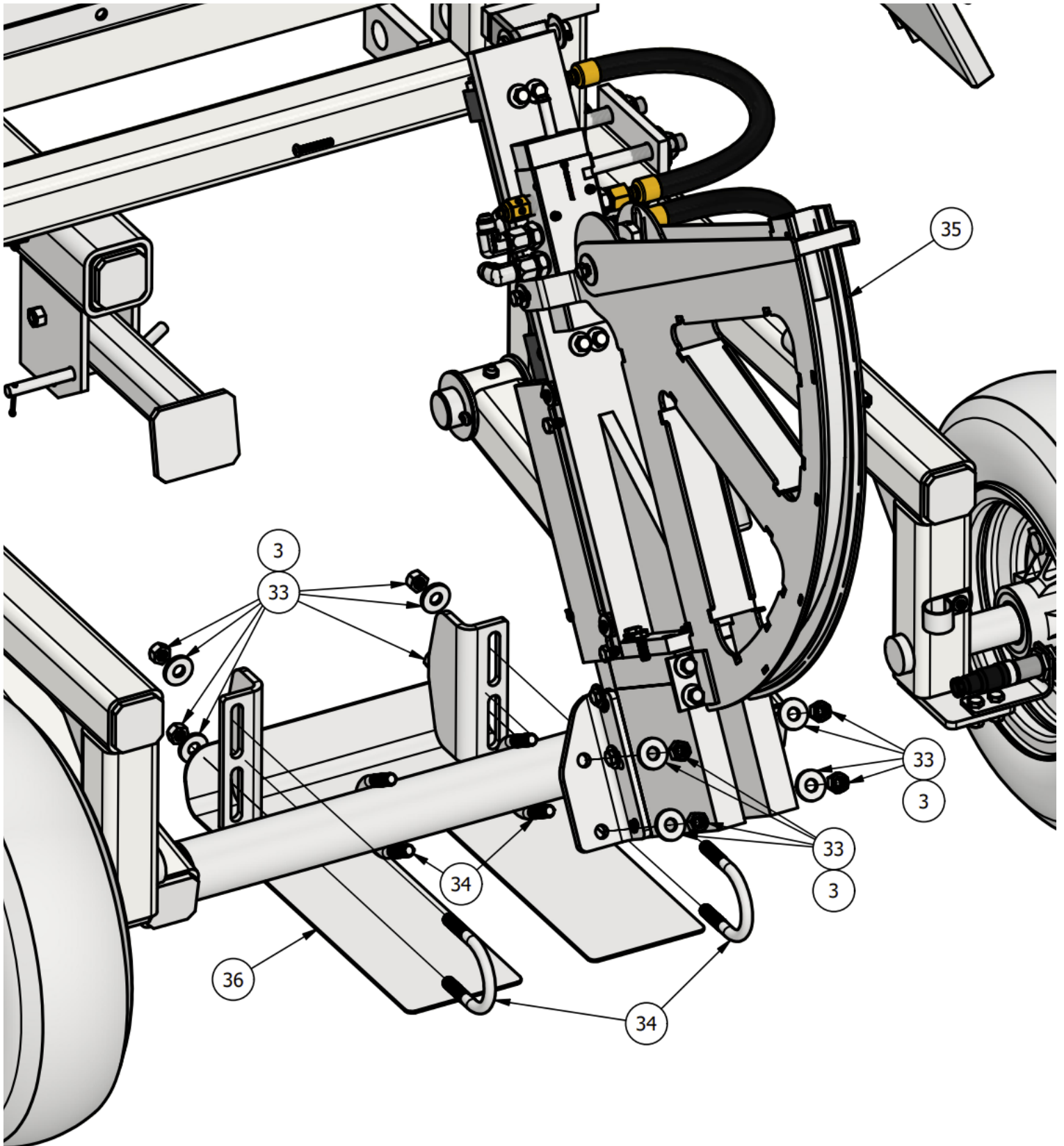








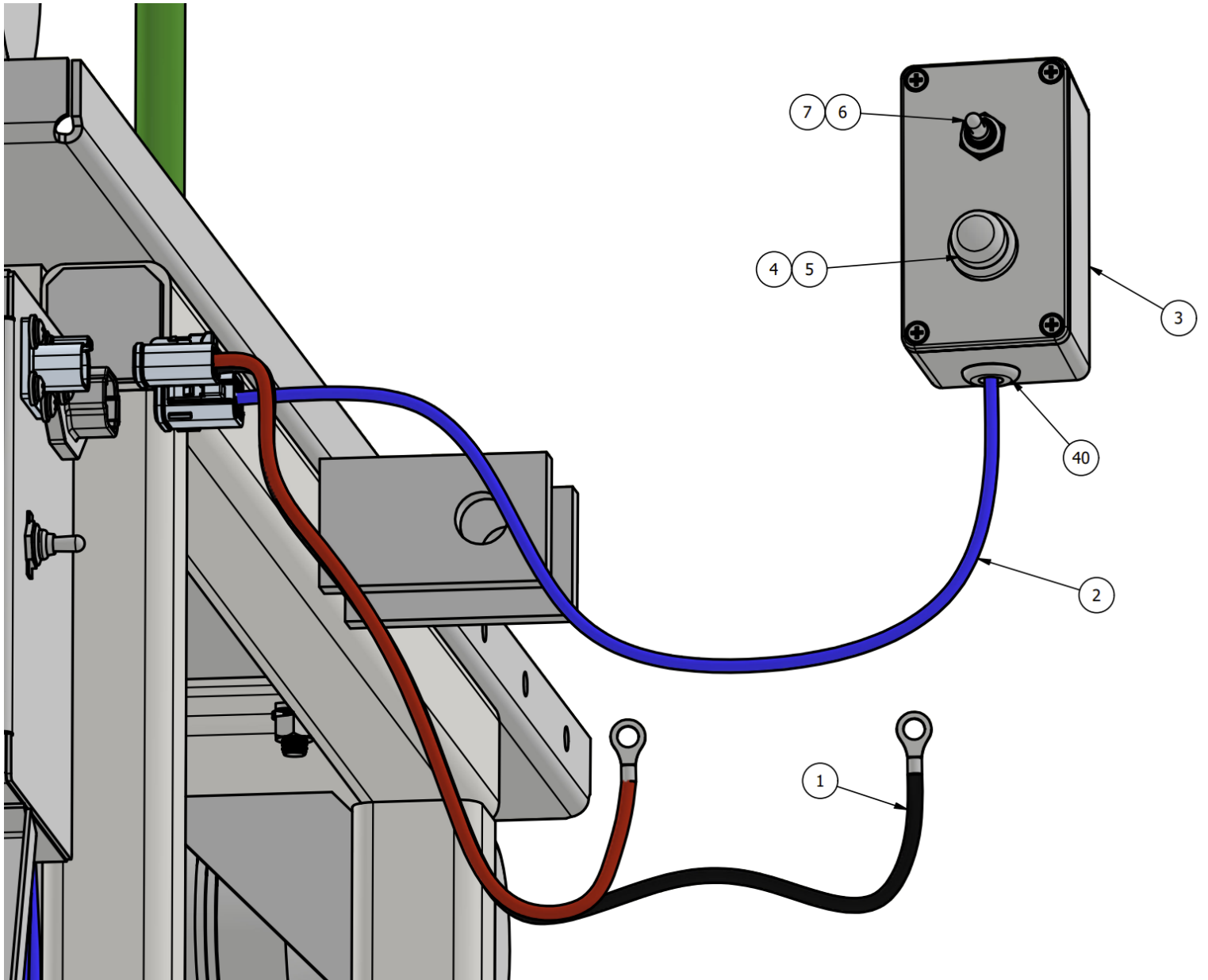


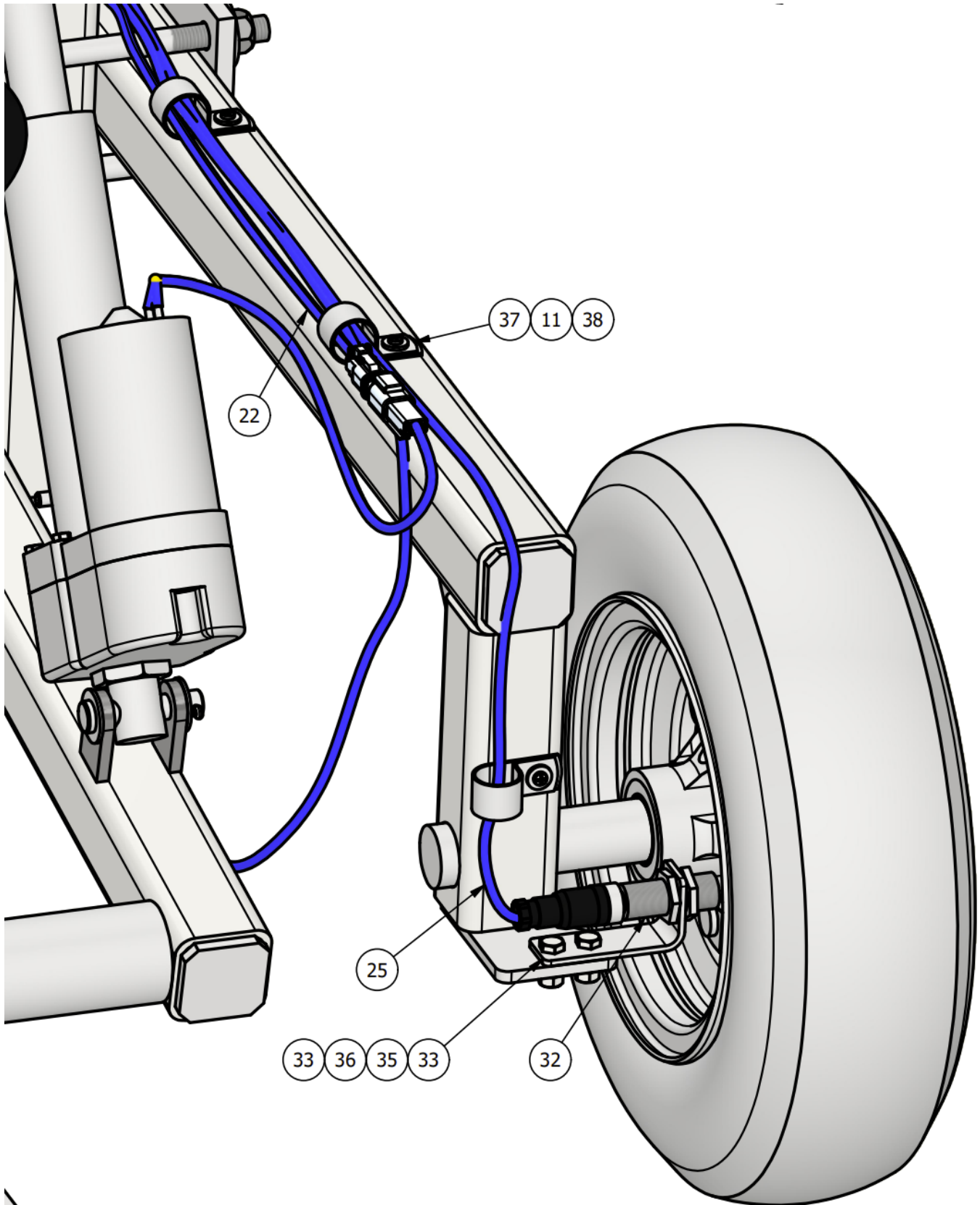


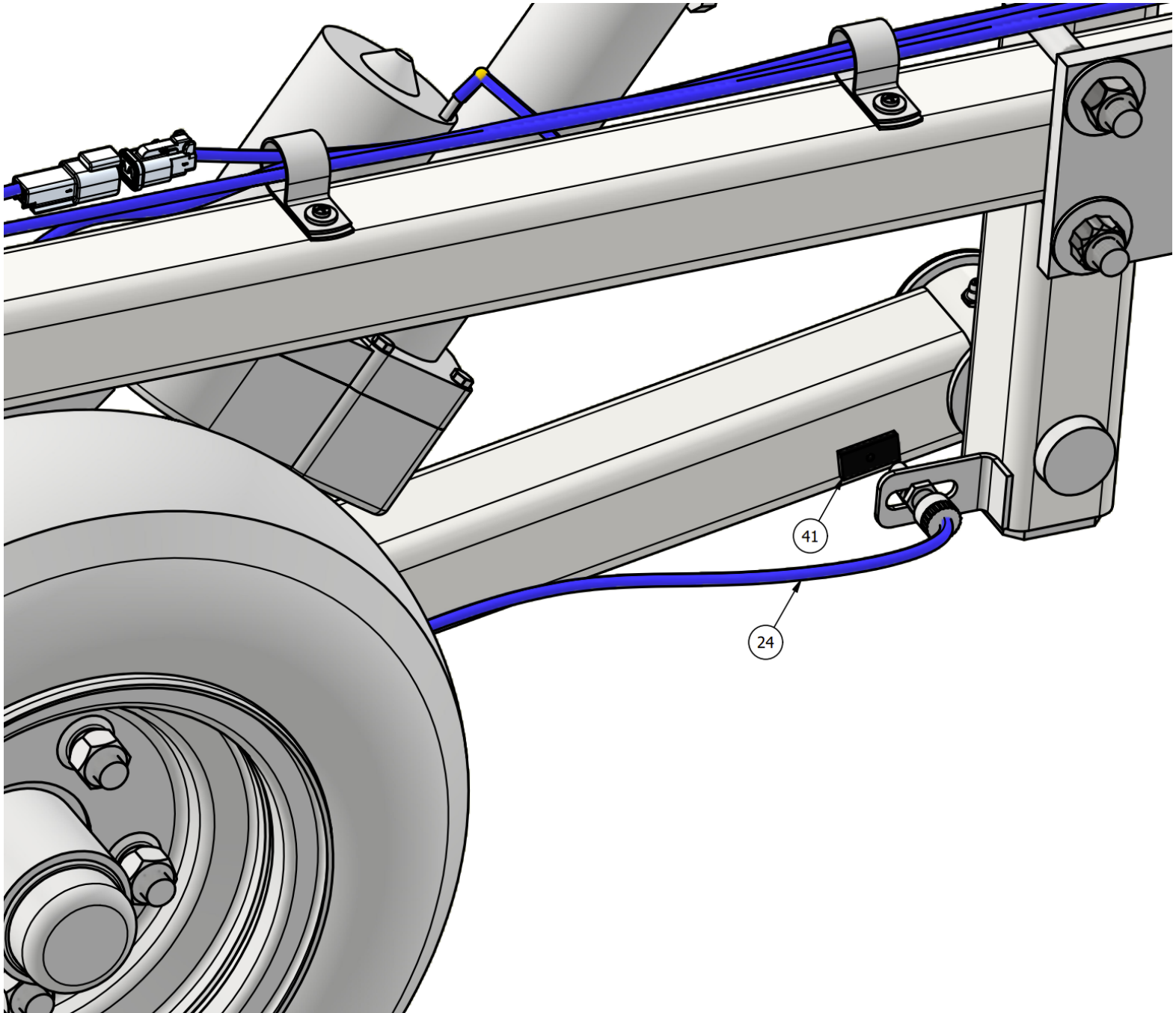
Electrical Section - Parts List

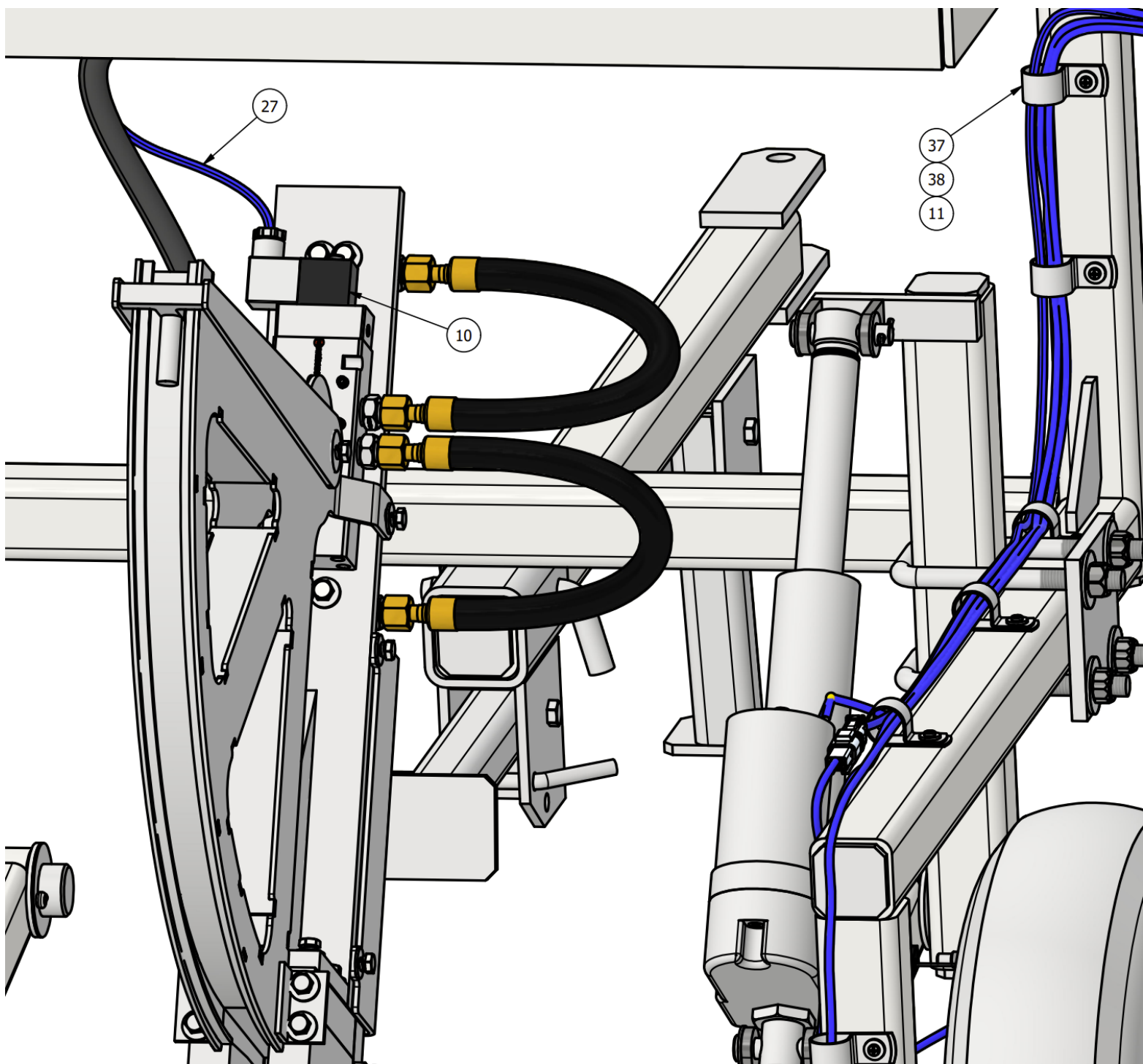
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ST-EL105	WIRE HARNESS
2	1	ST-EL110	WIRE HARNESS
3	1	ST-EL400	3PT STAKER REMOTE SWITCH
4	1	STDSSB5	MOMENTARY PUSH BUTTON SWITCH
5	1	44053	BOOT
6	2	44252	TOGGLE SWITCH SEALED ON-OFF SPST 15AMP
7	2	44215	TOGGLE SWITCH BOOT
8	1	44216	FACE PLATE FOR TOGGLE SWITCHES ON-OFF
9	1	01005	MAGNUM II COUNTER
10	1	54469-01	12V COIL FOR PNEUMATIC VALVE
11	9	33074	#10 FLAT WASHER
12	9	37207	#10-24 REVERSE LOCK NUT
13	7	28969	10-24 X 3/4 HEAD SCREW
14	3	28987	#10-24 x 1-1/4" Phillips Machine Screw
15	1	46050	FUSE BLOCK, 6 GANG
16	4	46230	30-AMP BLADE TYPE FUSE
17	1	75280	MINI RELAY BASE
18	1	75411	MINI RELAY 12V SPDT 40/20 AMP
19	1	ST-EL104	WIRE HARNESS
20	1	ST-EL102	WIRE HARNESS
21	1	ST-EL103	WIRE HARNESS
22	1	ST-EL107	WIRE HARNESS
23	1	ST-EL115	WIRE HARNESS
24	1	17195-2	WIRE HARNESS
25	1	13609-3	WIRE HARNESS
26	1	ST-EL109	WIRE HARNESS
27	1	ST-EL116	WIRE HARNESS
28	1	38203	MP 3 WAY RECEPTACLE
29	2	38205	METRI-PACK 150 SERIES TPA 3 CONTACTS
30	2	38200	MP 2 WAY RECEPTACLE
31	4	38202	MP 150 2 CONTACT TPA
32	1	AK1-AP-3H	PROXIMITY SENSOR
33	1	BN-STK213	STAKER SENSOR MNT
34	2	13003	1/4"-20 X 3/4" CAPSCREW
35	2	36302	1/4"-20 HEX NUT, GR 5
36	20	33618	1/4" LOCK WASHER
37	6	110708785	7/8" P-CLAMP
38	6	94060A146	STEP AP203
39	1	9307K81	RUBBER GROMMET
40	1	9600K47	RUBBER GROMMET
41	1	10012	SINGLE MAGNET W/ RIVET
42	1	ST-EL101	3PT STAKER CONTROL PANEL BOX FACEPLATE
43	1	ST-EL202	3PT STAKER CONTROL PANEL BOX FACEPLT HINGE
44	8	1141024	RIVET

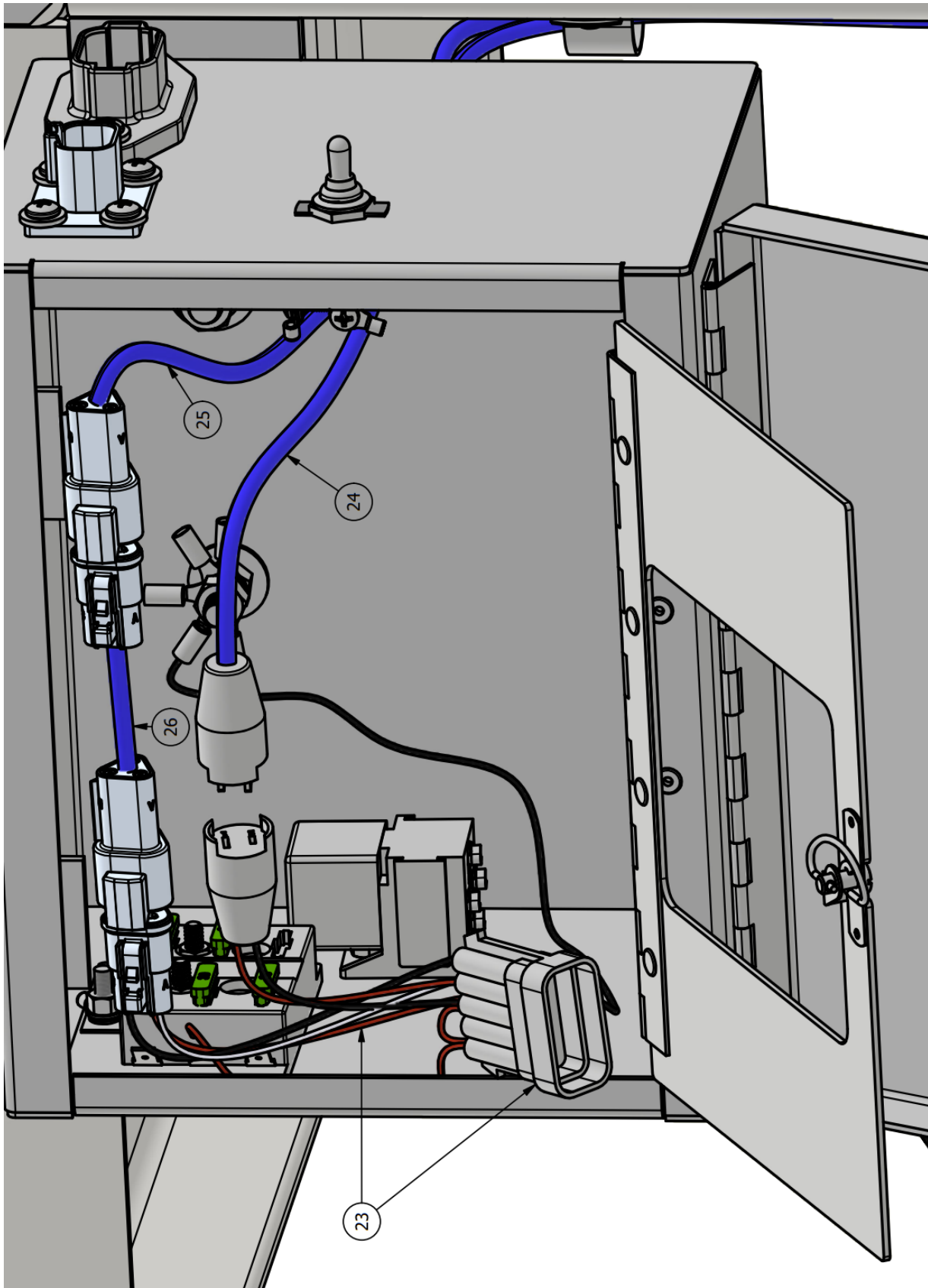


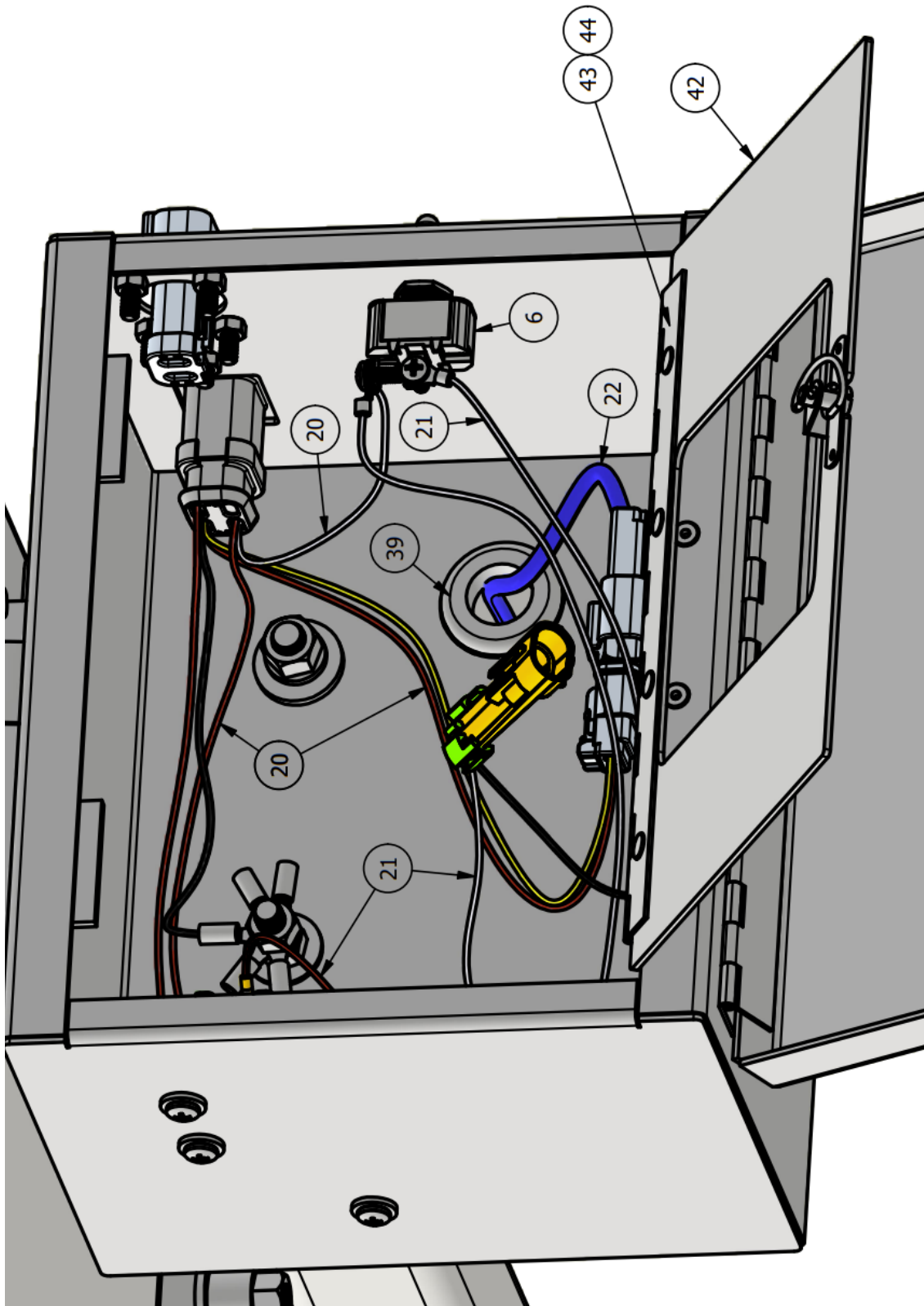


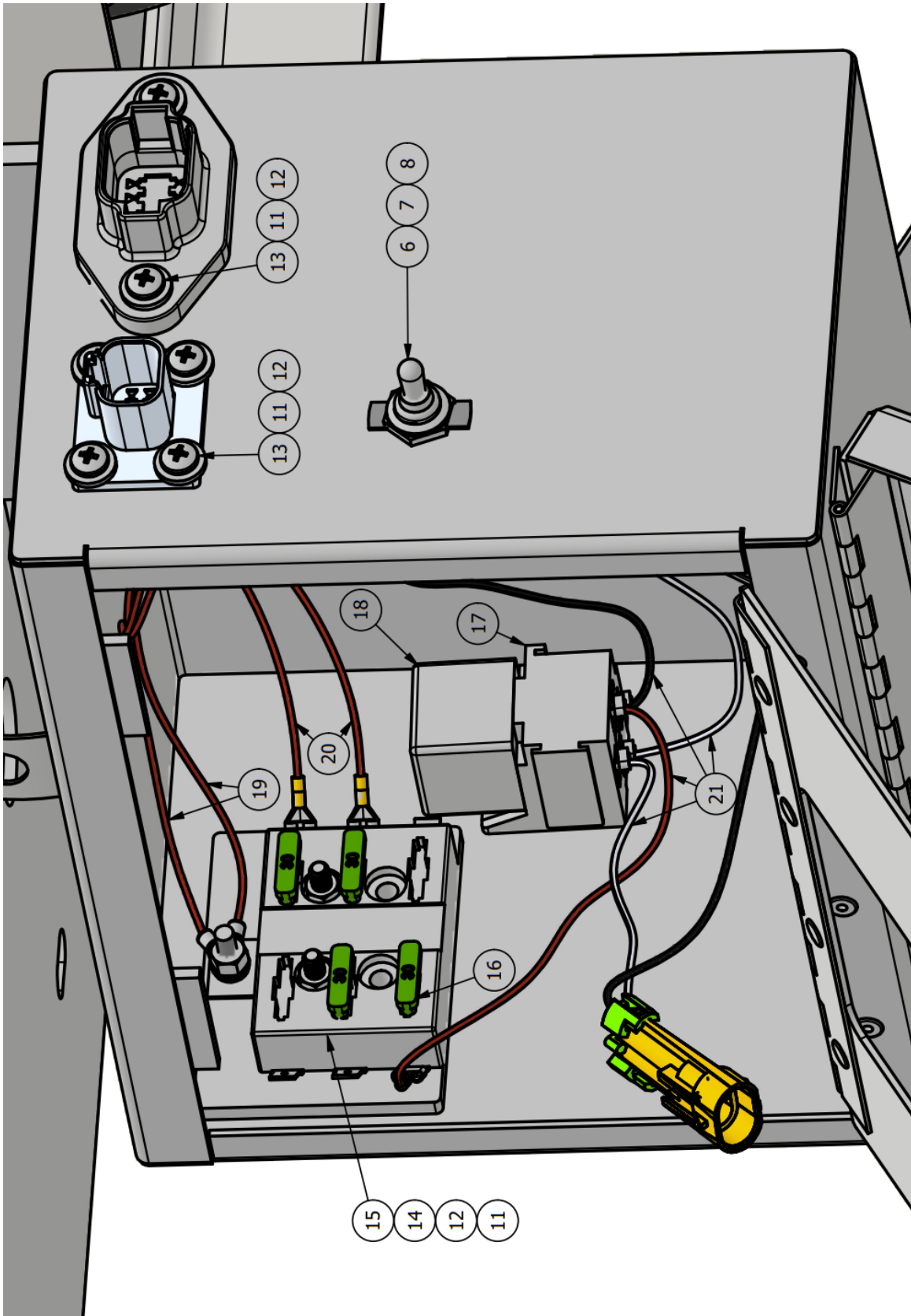


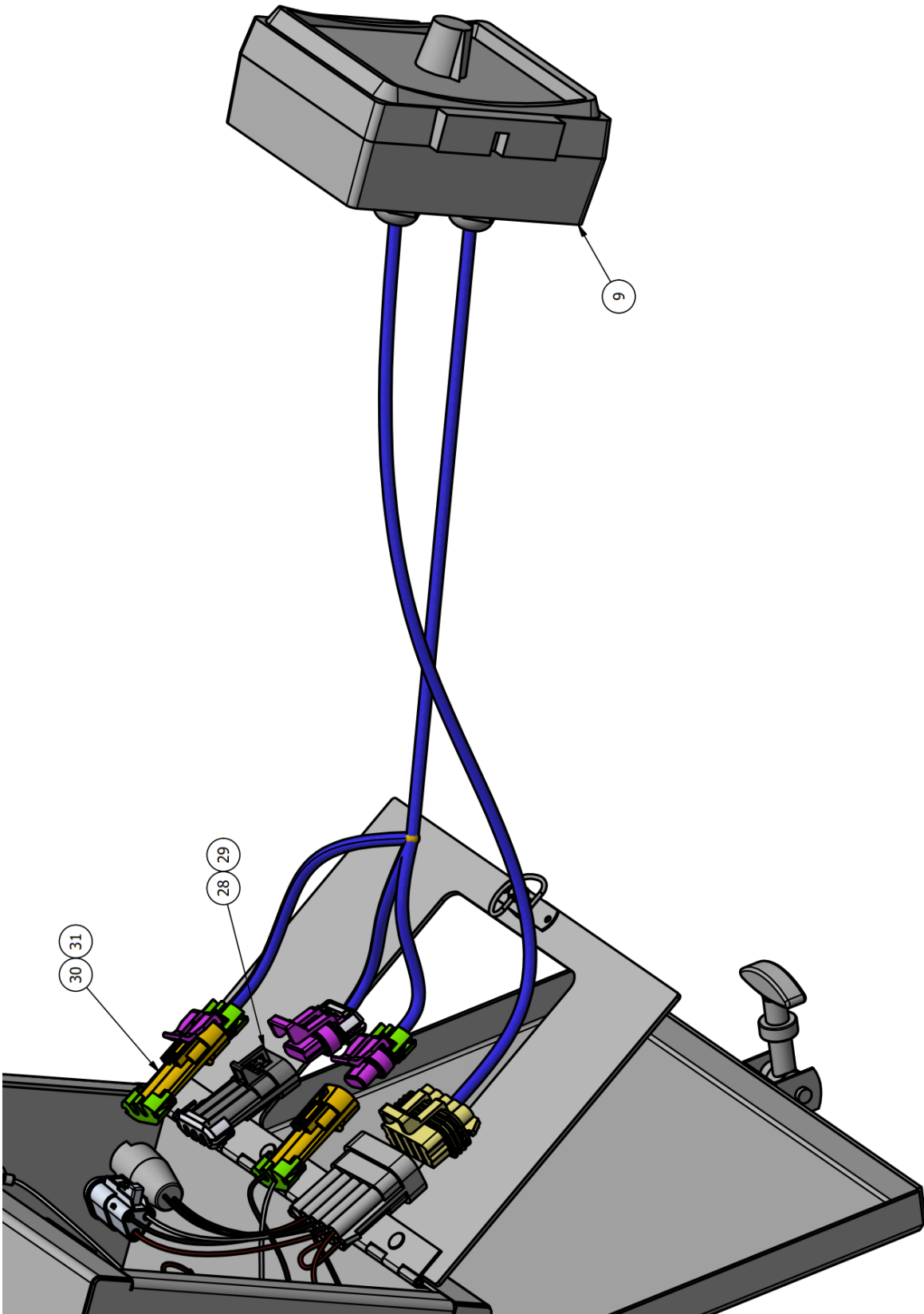


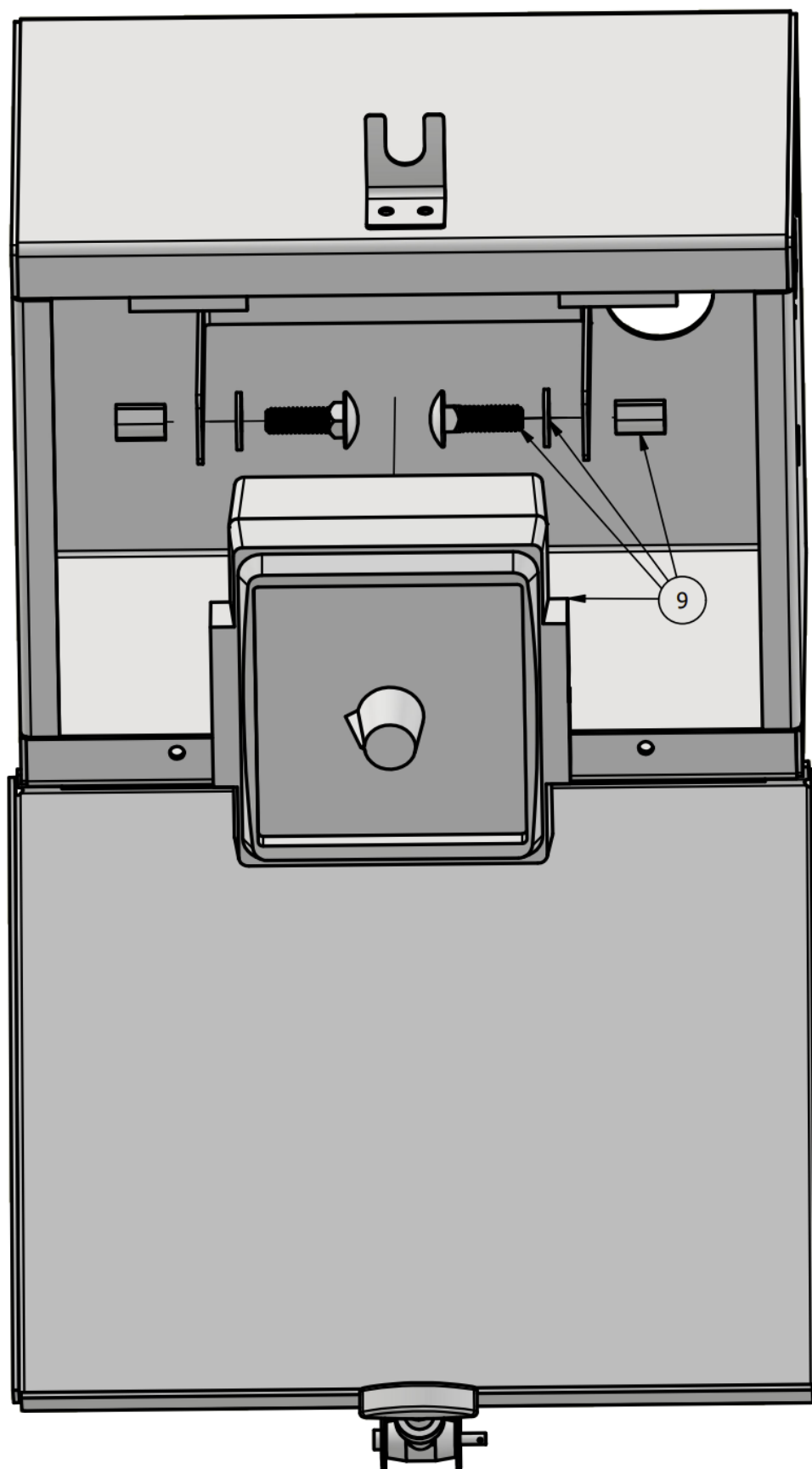










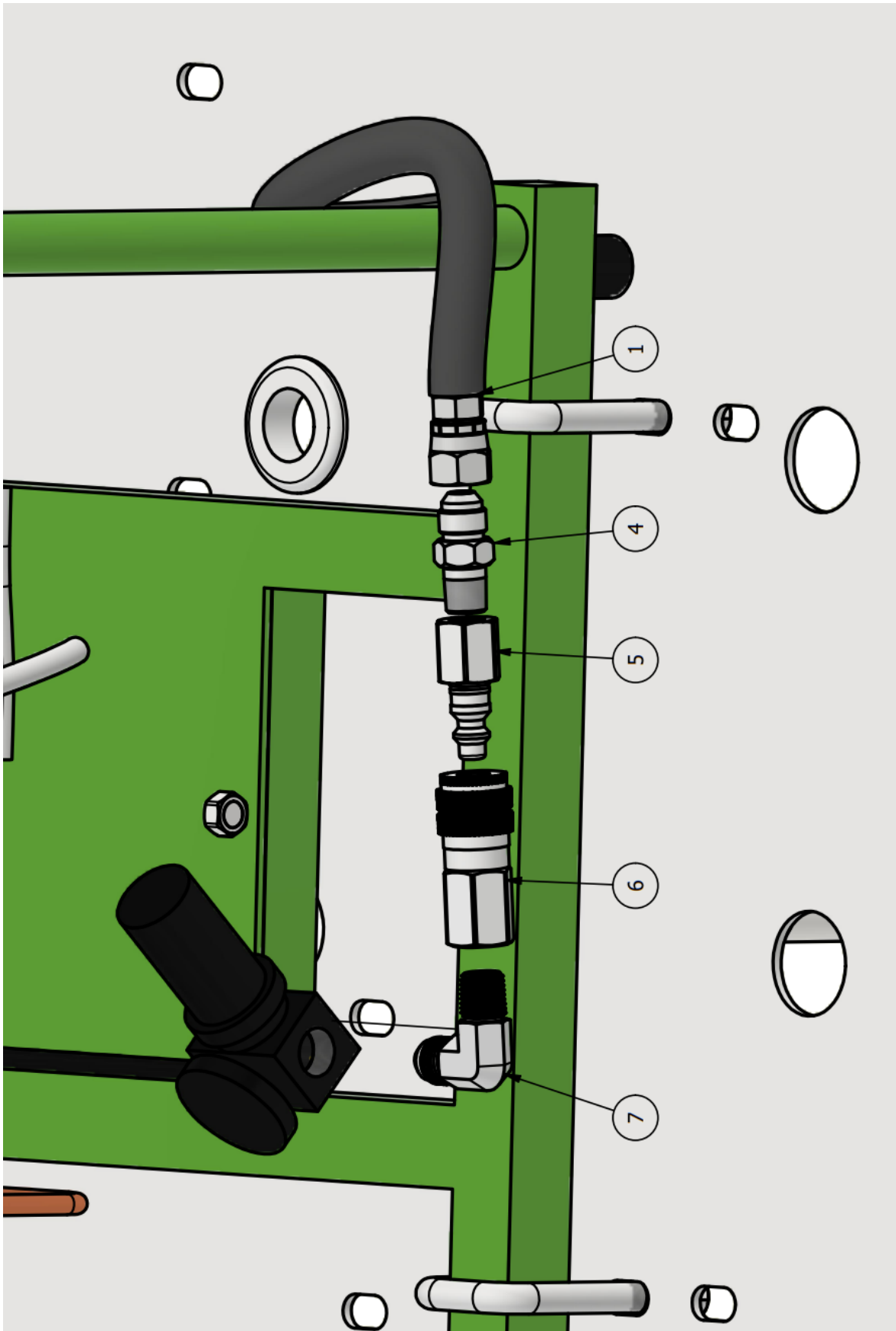


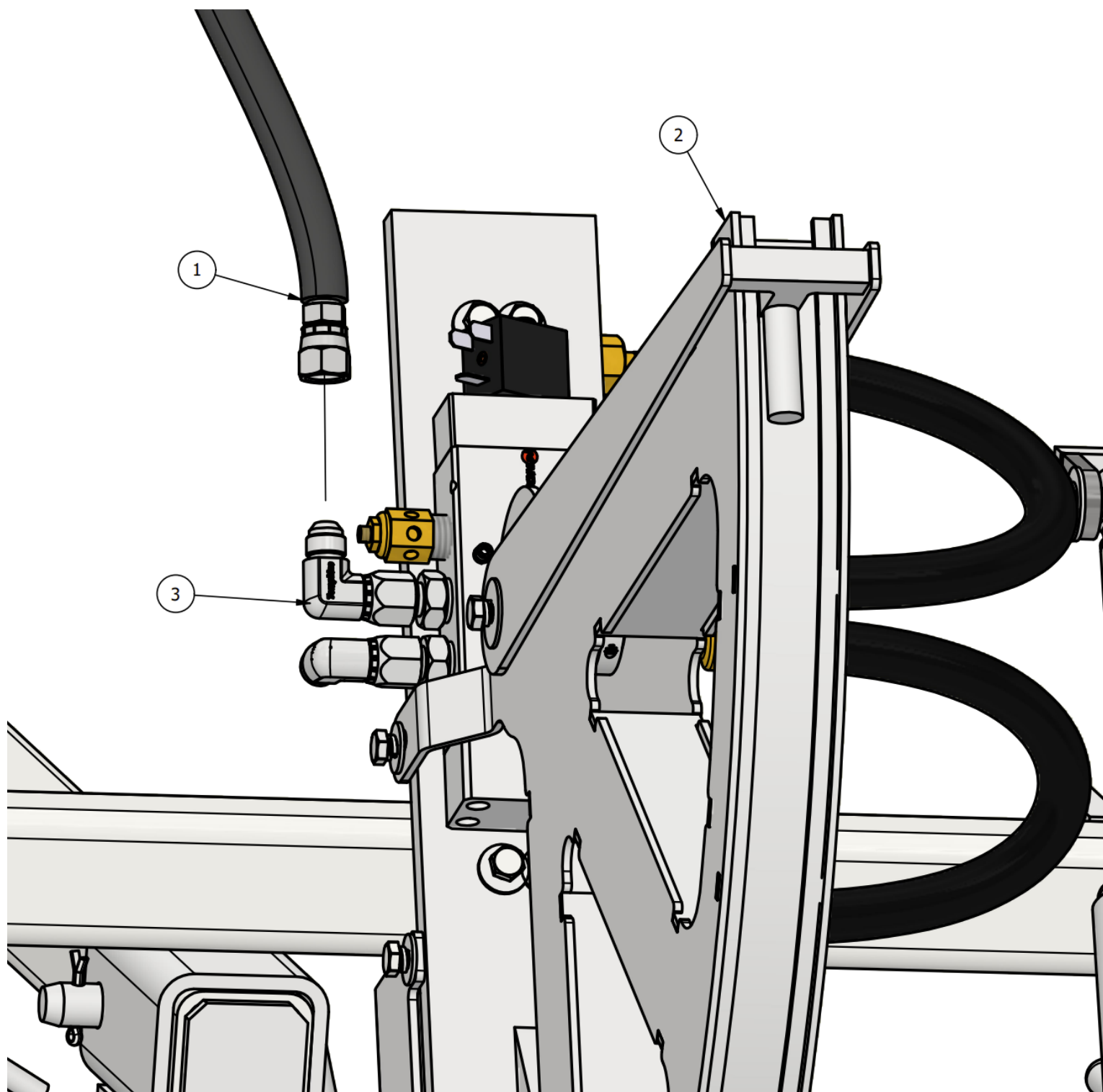


Pneumatics Section - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ST-PN900	PNEUMATIC HOSE KIT
2	1	BN-STK900	STAKE ASSEMBLY
3	2	6500-06-06	PNEUMATIC FITTING
4	1	2402-06-04	PNEUMATIC FITTING
5	1	DCP20	PNEUMATIC FITTING
6	1	6536K280	PNEUMATIC FITTING
7	1	3400-04-04	PNEUMATIC FITTING



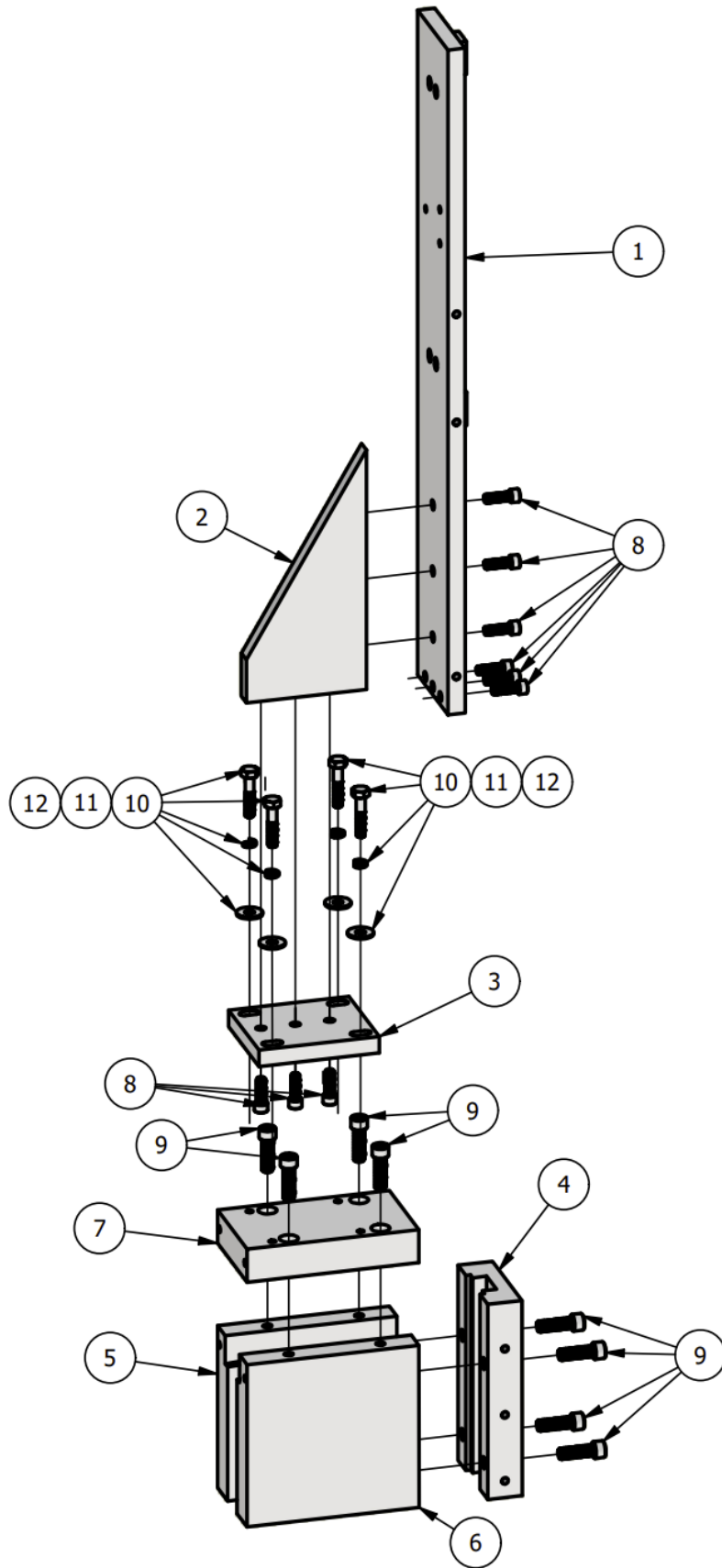


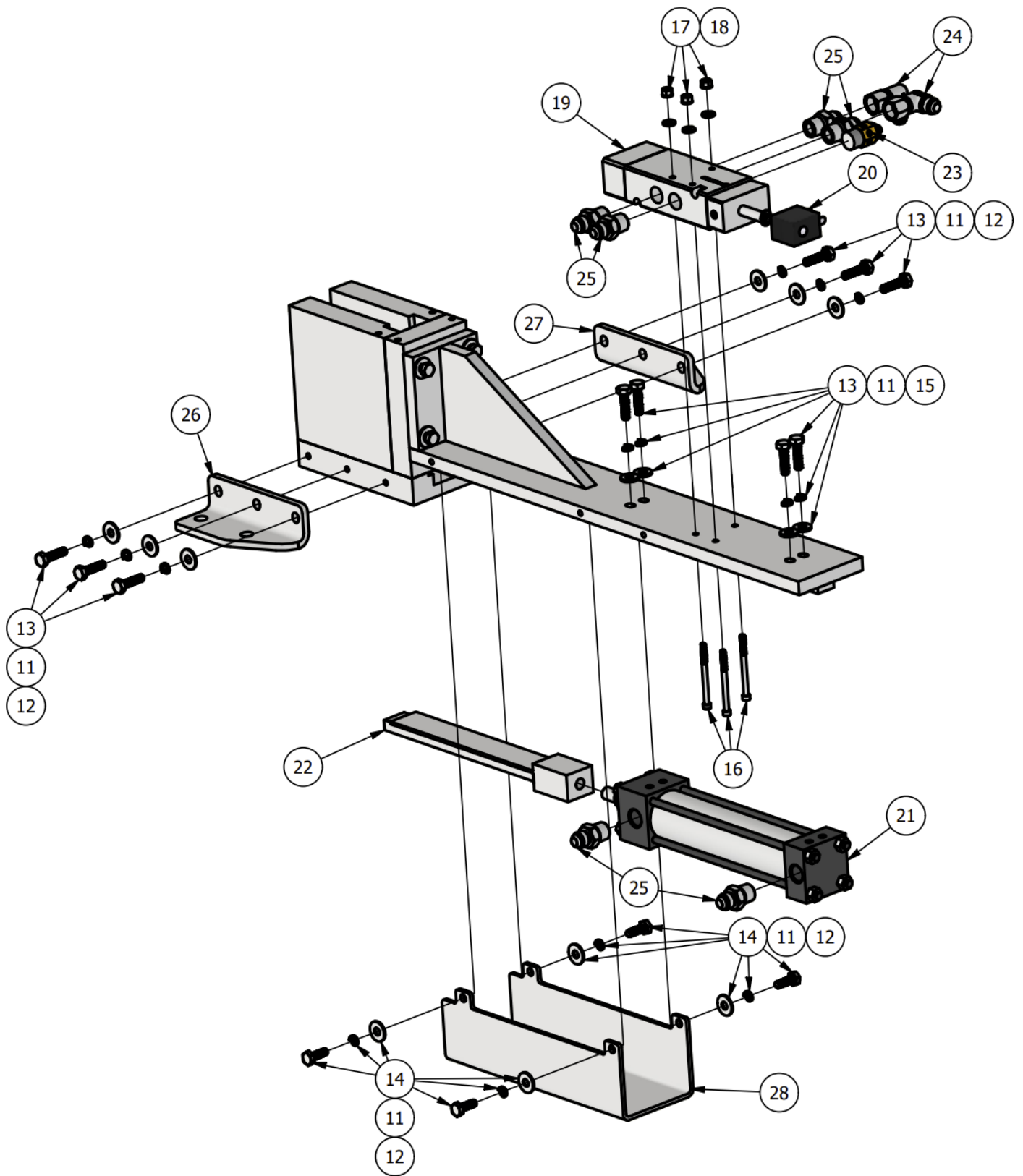


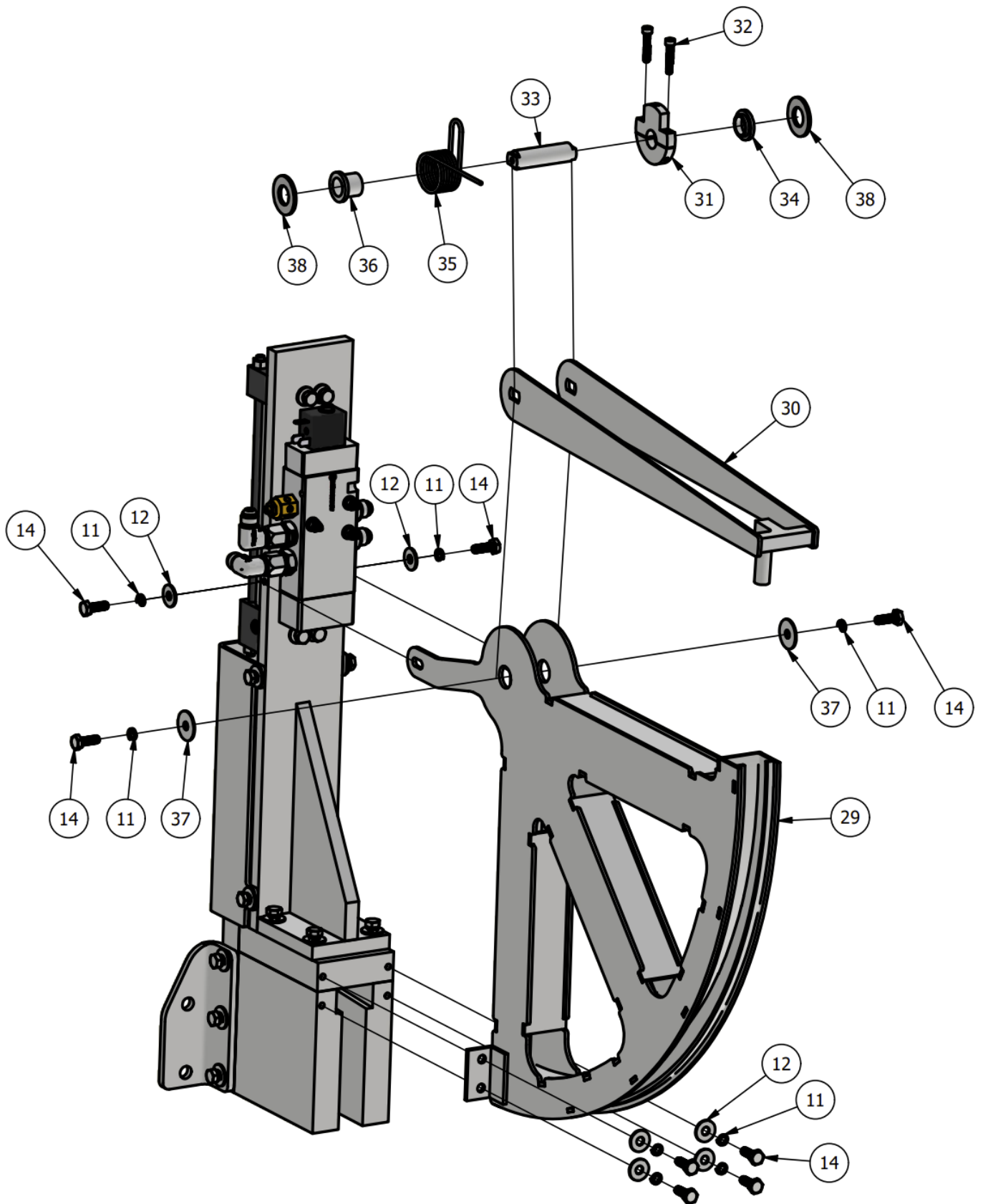
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Staker Section - Parts List

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



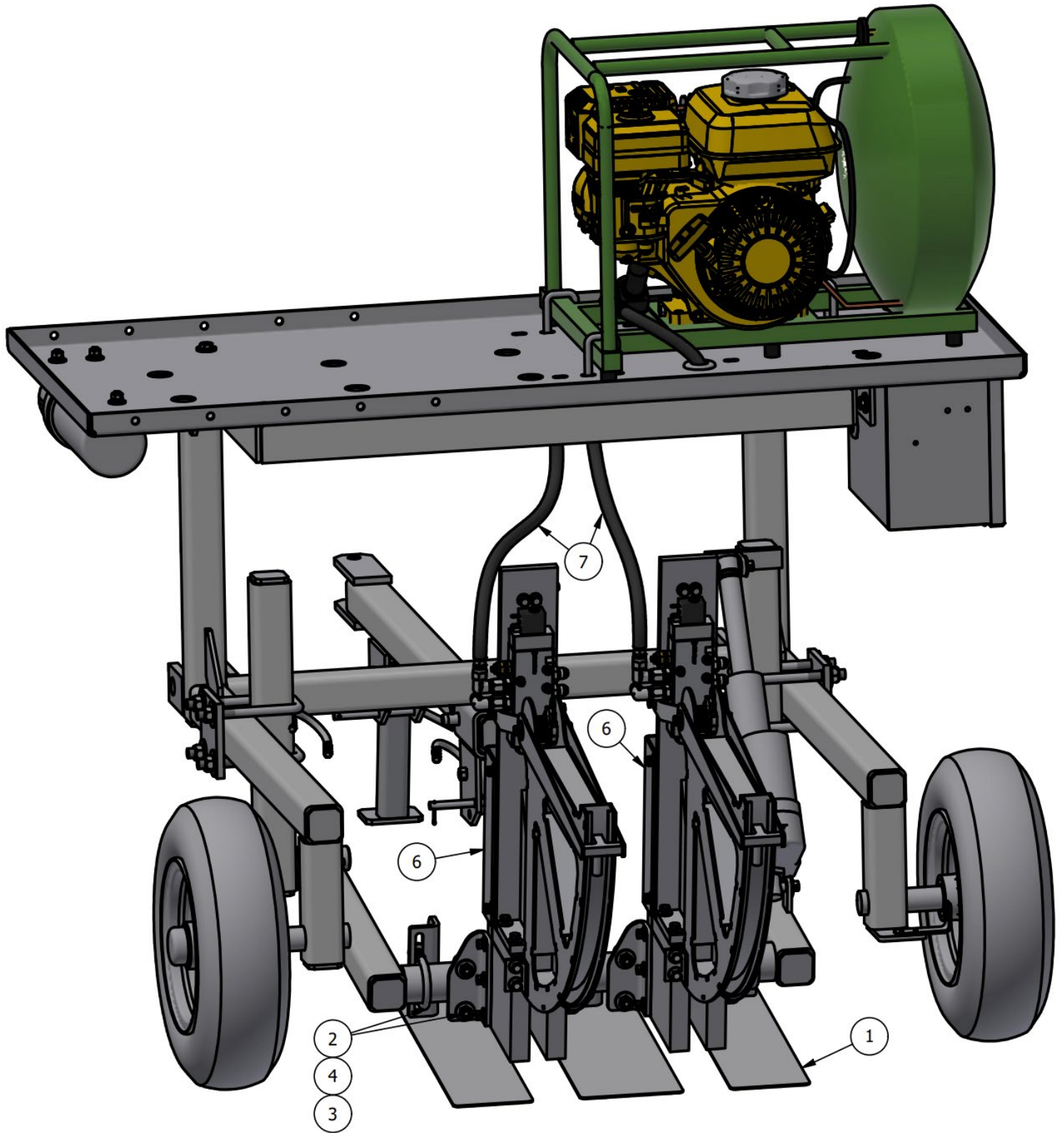




Dual Staker Section - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ST-STK100	3PT DUAL STAKER SHOE
2	9	42032	U-BOLT, 3/8"-16 X 2 5/8" LG X 2" DIA
3	14	37212	3/8"-16 HEX NUT, REV LOCK
4	32	33859	3/8" FLAT WASHER
5	13	36306	3/8"-16 HEX NUT
6	2	BN-STK900	STAKER ASSEMBLY
7	1	ST-PN902	3 PT DUAL STAKER HOSE KIT
8	1	ST-PN100	3 PT STAKER TEE FITTING BRACKET
9	1	2704-06-06-06	06 JIC BULKHEAD UNION RUN TEE
10	1	6500-06-06	6MJ-6FJ, 90



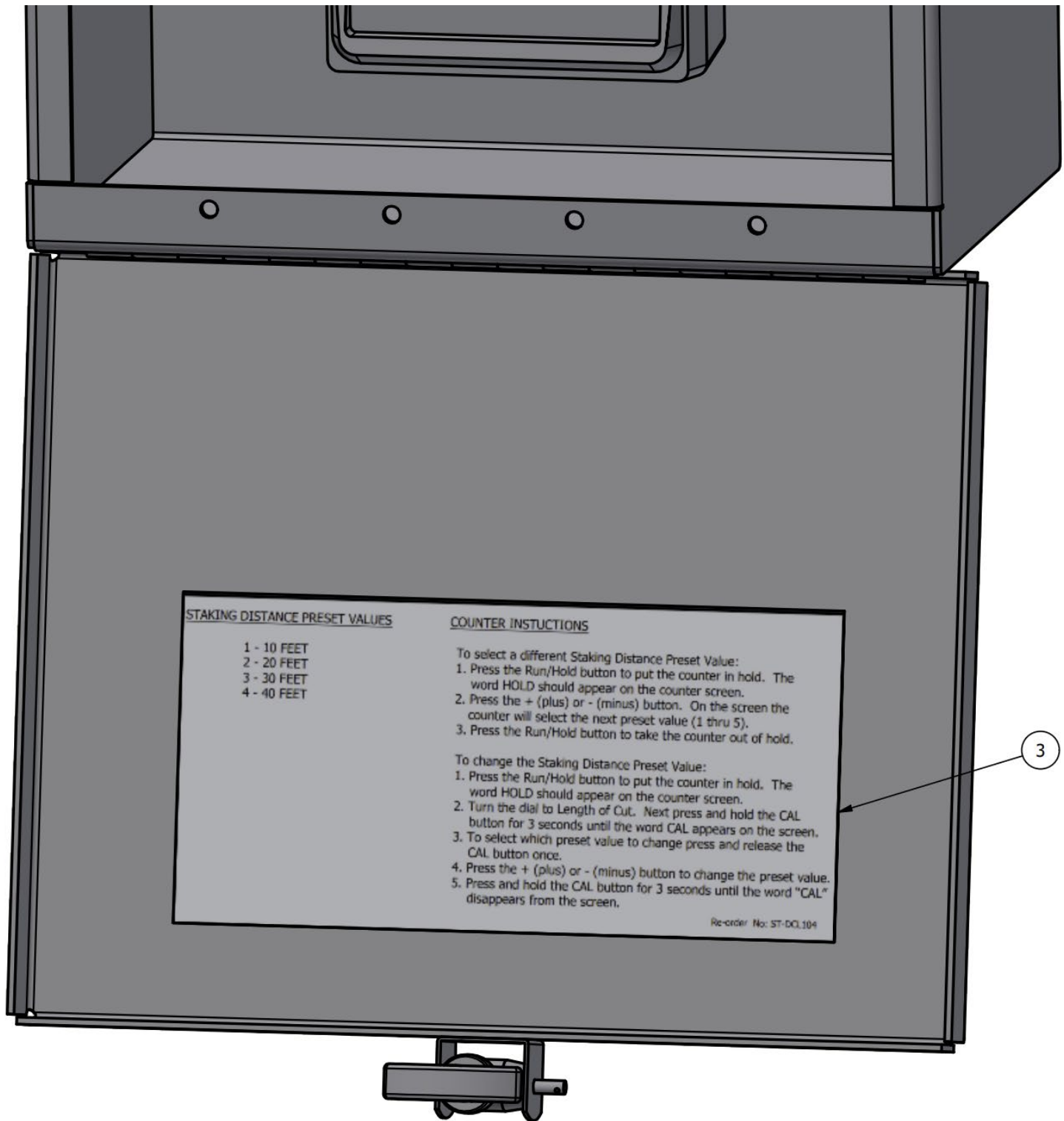


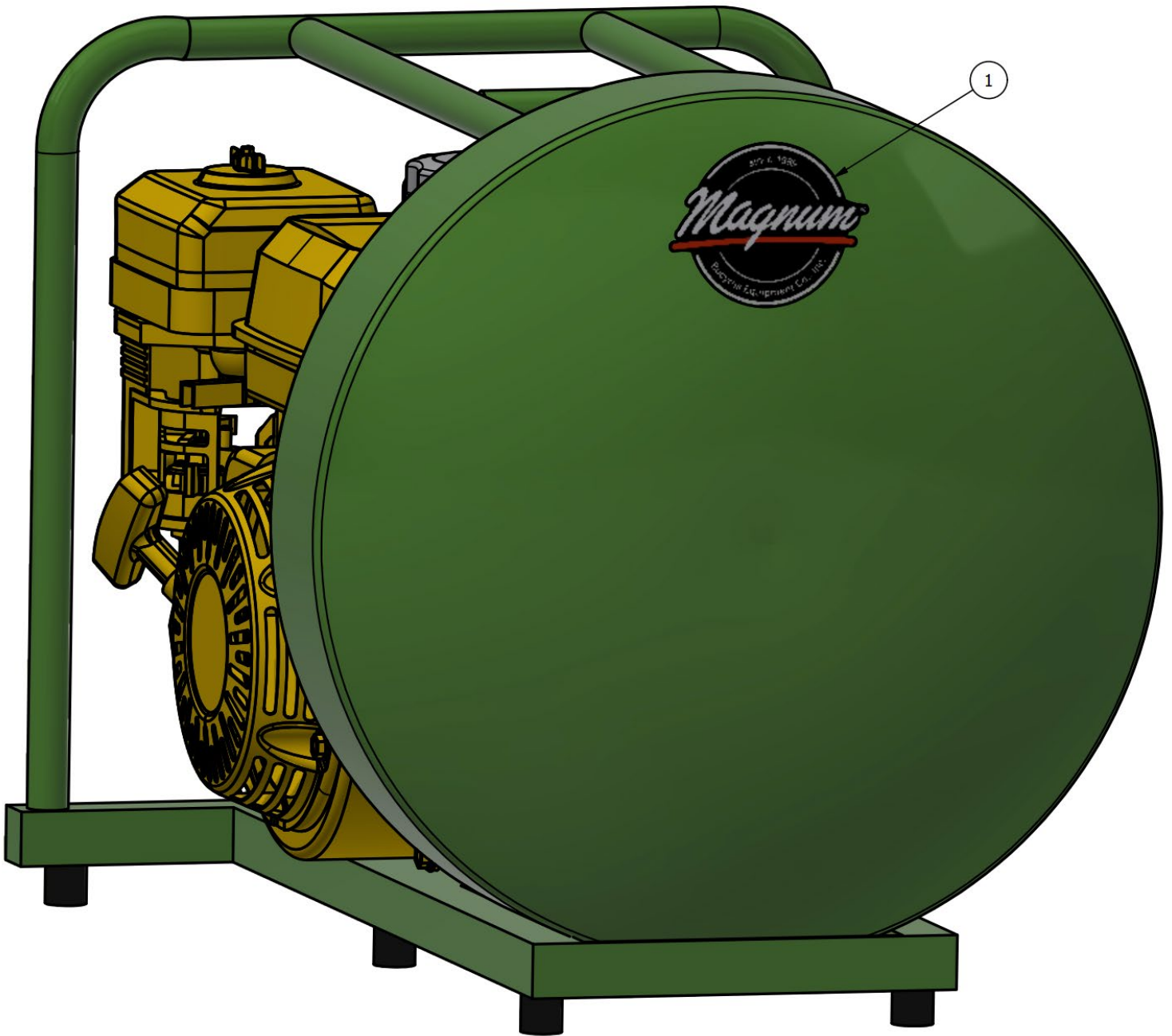
Decal Section - Parts List

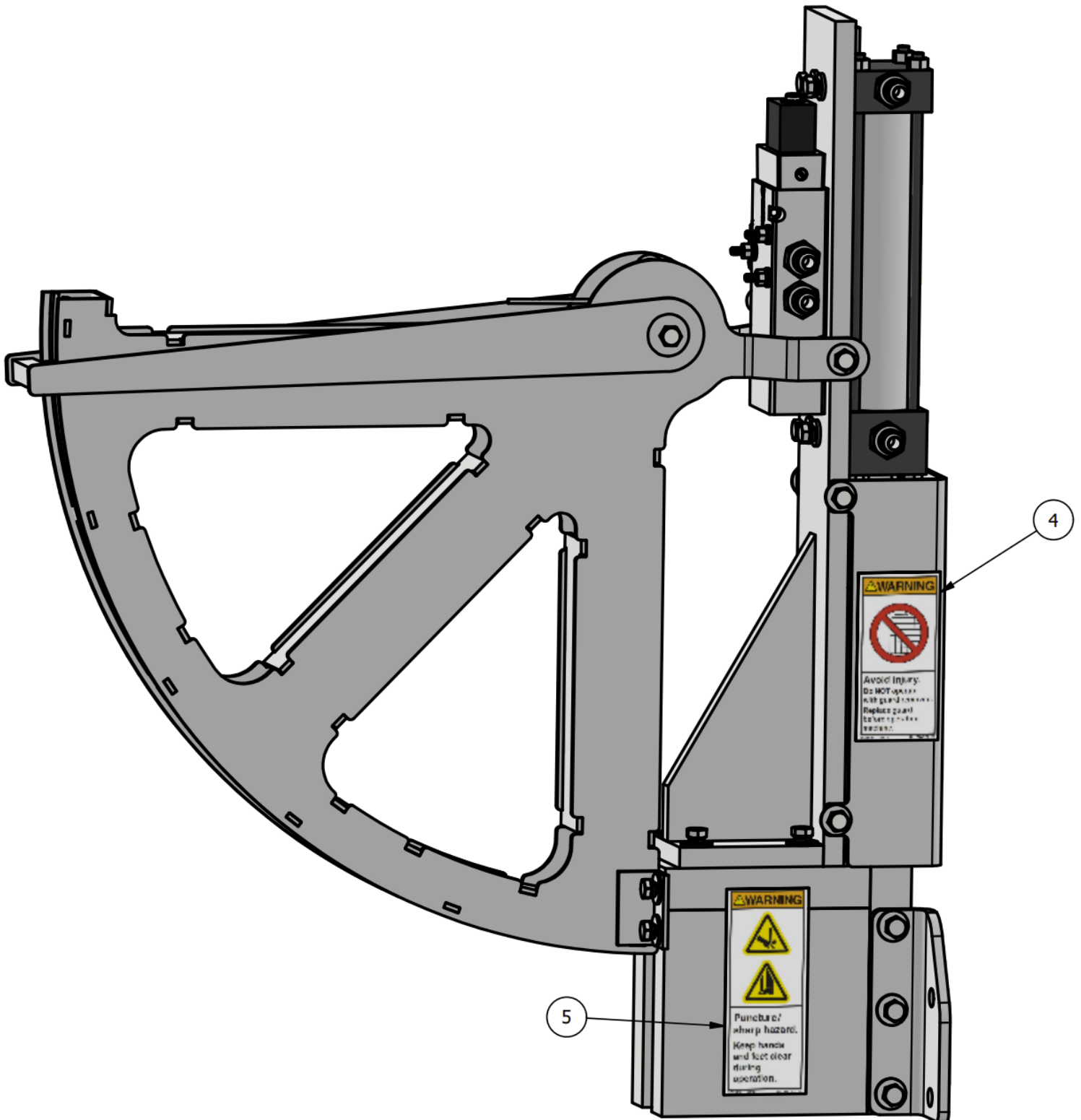
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	BN-DCL101	MAGNUM LOGO
2	1	ST-DCL103	SAS300 MODEL DECAL
3	1	ST-DCL104	COUNTER INSTRUCTIONS
4	4	BN-DCL103	WARNING GAURD IN PLACE
5	4	BN-DCL102	WARNING PUNCTURE/SHARP HAZARD















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