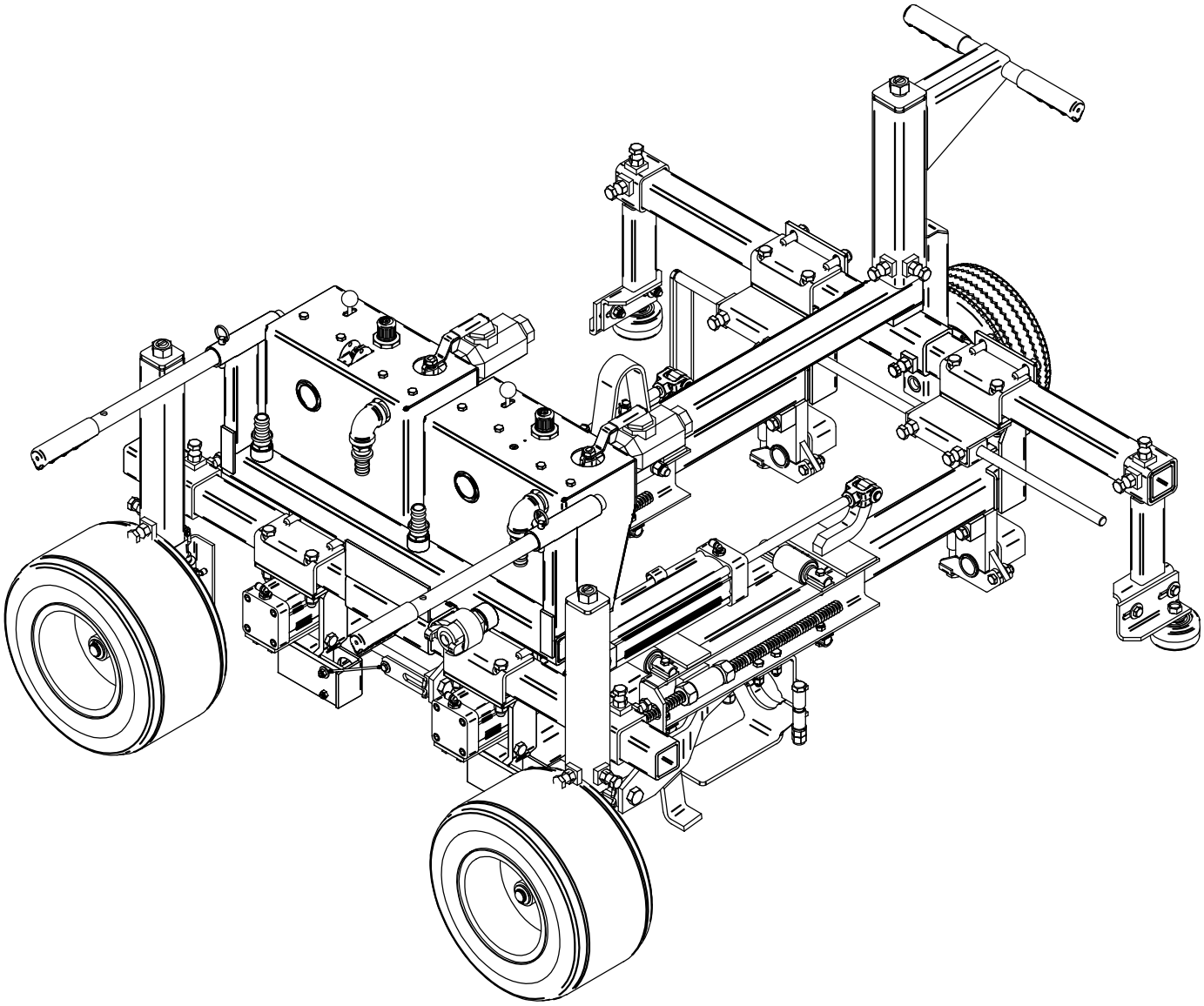
MODEL 210B-2

FNG8112



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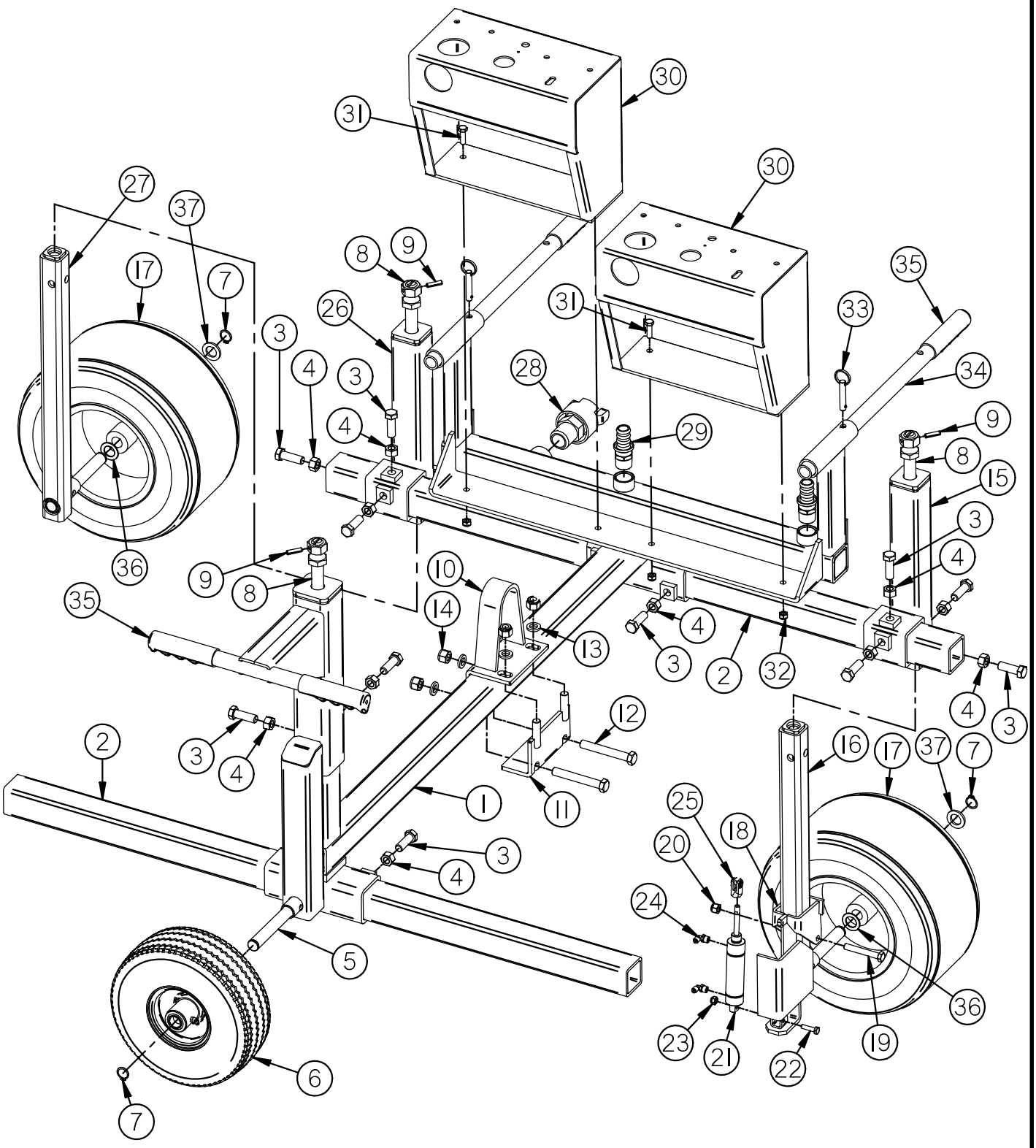
MAIN FRAME ASSEMBLY



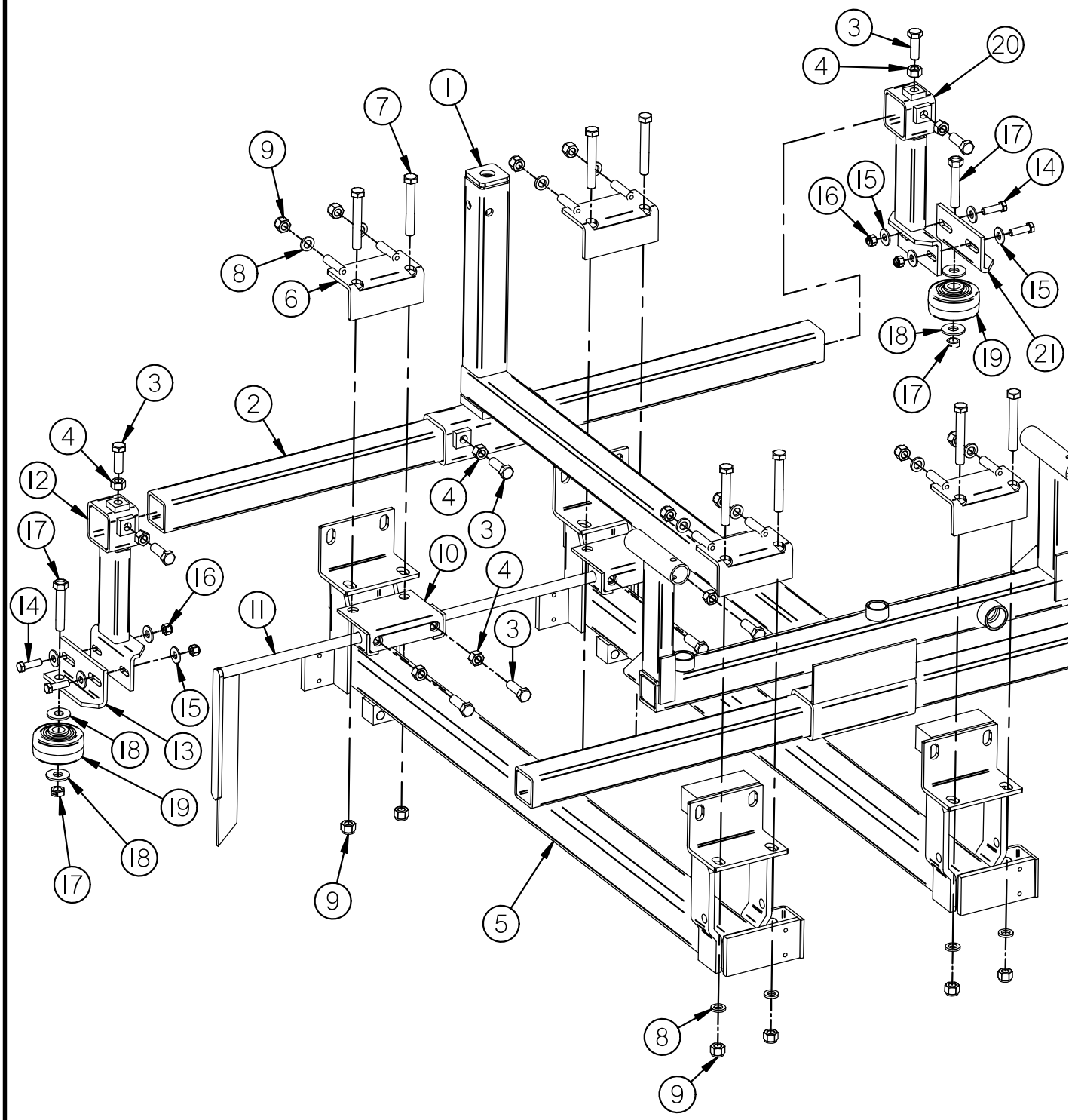
4-22-21

FNG8112-10

MAIN FRAME ASSEMBLY

Item No.	Part No.	Quantity	Description
1	MNF0514	1	2 GANG FRAME
2	SRU1318	2	OUTSIDE TOOL BAR (2.0" SQ.)
3	2562 BLT	14	1/2" NC X 1.50" HX HD TAP BOLT
4	2732 NUT	14	1/2" NC STANDARD NUT
5	MFA0641	1	FRONT HANDLE ASSEMBLY
6	0202 WHL	1	4.10-3.50-4 TIRE-WHEEL
7	3036PIN	3	SNAP RING
8	MFA06591	3	SCREW JACK (210B-2)
9	3010 PIN	3	1/4" X 1" ROLL PIN
10	MFA0660	1	LIFTING BALE
11	MFA06420	1	2" TOOL BAR CLAMP (5" WIDE)
12	2568 BLT	2	1/2" NC X 3.50" HX HD BOLT
13	2831WAS	4	7/8" OD X 1/2" ID WASHER 10GA.
14	2734NUT	4	1/2" NC NYLON INSERT LOCKNUT
15	MFA0659	1	LEFT REAR LEG SCREW JACK
16	MFA0657	1	REAR AXLE ASSEMBLY W/ BRAKE (210B-2)
17	0213 WHL	2	REAR WHEEL 210B-2
18	MFA0658	1	BRAKE PAD
19	2546 BLT	1	3/8" NC X 2.50" HX HD BOLT
20	2727NUT	1	3/8" NC NYLON INSERT LOCKNUT
21	05043CYL	1	BRAKE CYLINDER
22	2503BLT	1	1/4" NC X 1.00" BOLT, GR. 5
23	2716NUT	1	1/4" NC NYLON LOCK NUT
24	20751 FIT	2	1/8" TUBE X 1/8" NPT 90 DEG. SWIVEL
25	05000 CYL	1	CYLINDER CLEVIS & PIN
26	MFA06590	1	RIGHT REAR LEG SCREW JACK
27	MFA0656	1	REAR AXLE ASSEMBLY (210B-2)
28	20091 FIT	1	QUICK COUPLING 1" MALE PIPE
29	1999 FIT	2	3/4" NPT MALE X 3/4" HOSE SWIVEL
30	MFA0615O	2	210B-2 ON GRADE, LEFT CONTROL PANEL
31	2520 BLT	4	5/16" NC X 1.00" HX HD BOLT
32	2719 NUT	4	5/16" NC NYLON INSERT LOCKNUT
33	3029PIN	2	LOCK PIN
34	MFA0617	2	REAR LIFTING HANDLE
35	1820GRO	4	HANDLE GRIP
36	2851O WAS	2	3/4" THIN (14 GA.) MACHINE WASHER
37	2851 WAS	2	3/4" X 10 GA. WASHER

POINTER AND GUIDE WHEEL ASSEMBLIES



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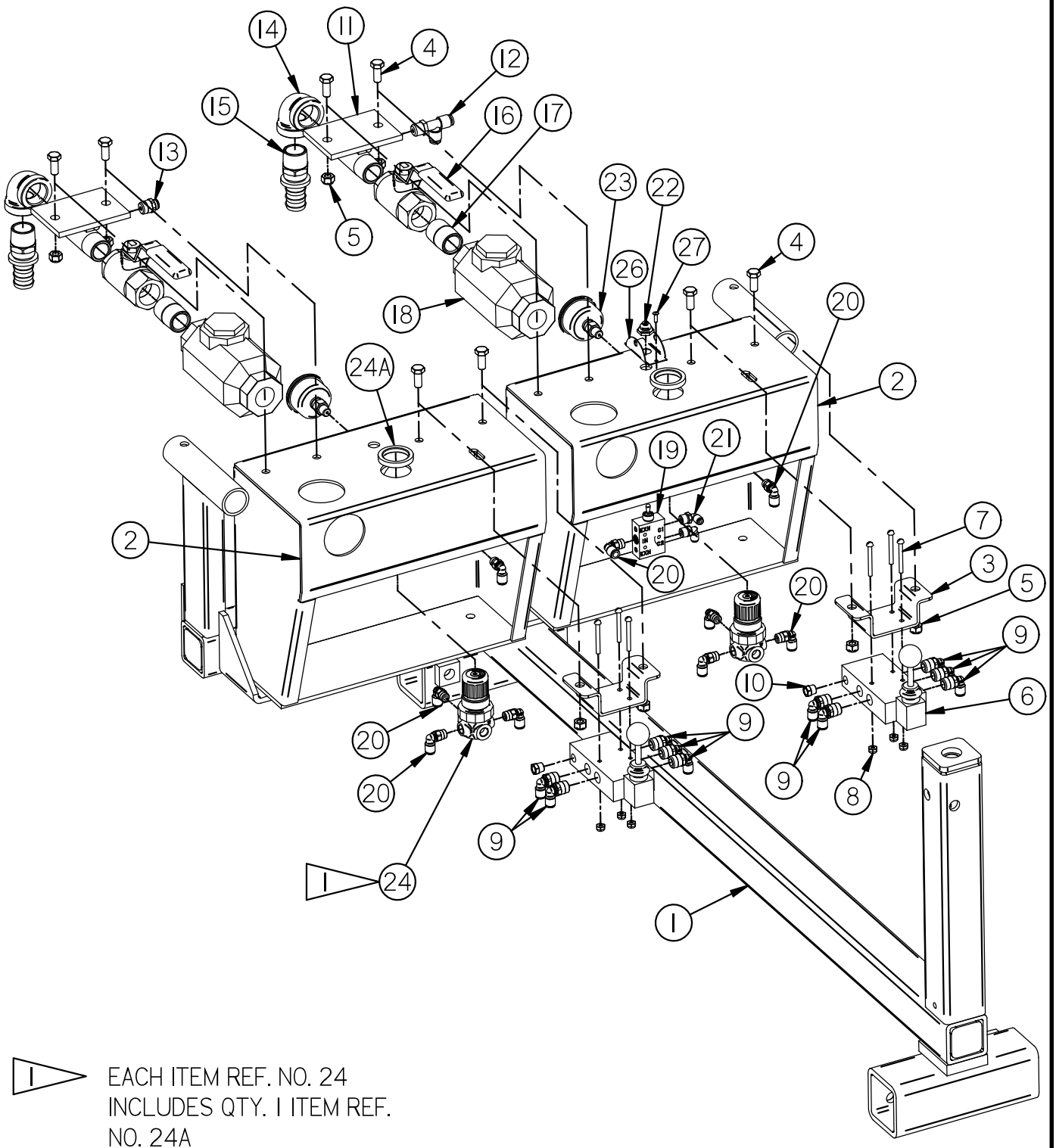
FNG8112-20

POINTER AND GUIDE WHEEL ASSEMBLIES

Item No.	Part No.	Quantity	Description
1	MNF0514	1	MAIN FRAME 210B-2
2	SRU1318	2	OUTSIDE TOOL BAR (2.0" SQ.)
3	2562 BLT	12	1/2" NC X 1.50" HX HD TAP BOLT
4	2732 NUT	12	1/2" NC STANDARD NUT
5	SRS16334I	2	18" STANDARD FEED BAR
6	MFA06420	4	2" TOOL BAR CLAMP (5" WIDE)
7	2568 BLT	8	1/2" NC X 3.50" HX HD BOLT
8	2831WAS	12	7/8" OD X 1/2" ID WASHER 10GA.
9	2734NUT	16	1/2" NC NYLON INSERT LOCKNUT
10	MFA0634	2	HOLE SPACING BRACKET
11	MFA0635	1	POINTER - HOLE SPACING
12	MOB0910	1	GUIDE WHEEL BRACKET LEFT
13	MOB0913	1	RIGHT GUIDE WHEEL PLATE
14	2540 BLT	4	3/8" NC X 1.25" HX HD BOLT
15	28201 WAS	8	3/8" HARDENED FLAT WASHER
16	2727NUT	4	3/8" NC NYLON INSERT LOCKNUT
17	25674BLT	2	1/2" X 2-3/4" GREASE BOLT KIT
18	2830 WAS	4	1/2" STD. FLAT WASHER
19	0207 WHL	2	GUIDE WHEEL
20	MOB0911	1	GUIDE WHEEL BRACKET RIGHT
21	MOB0914	1	LEFT GUIDE WHEEL PLATE

CONTROL PANEL ASSEMBLY

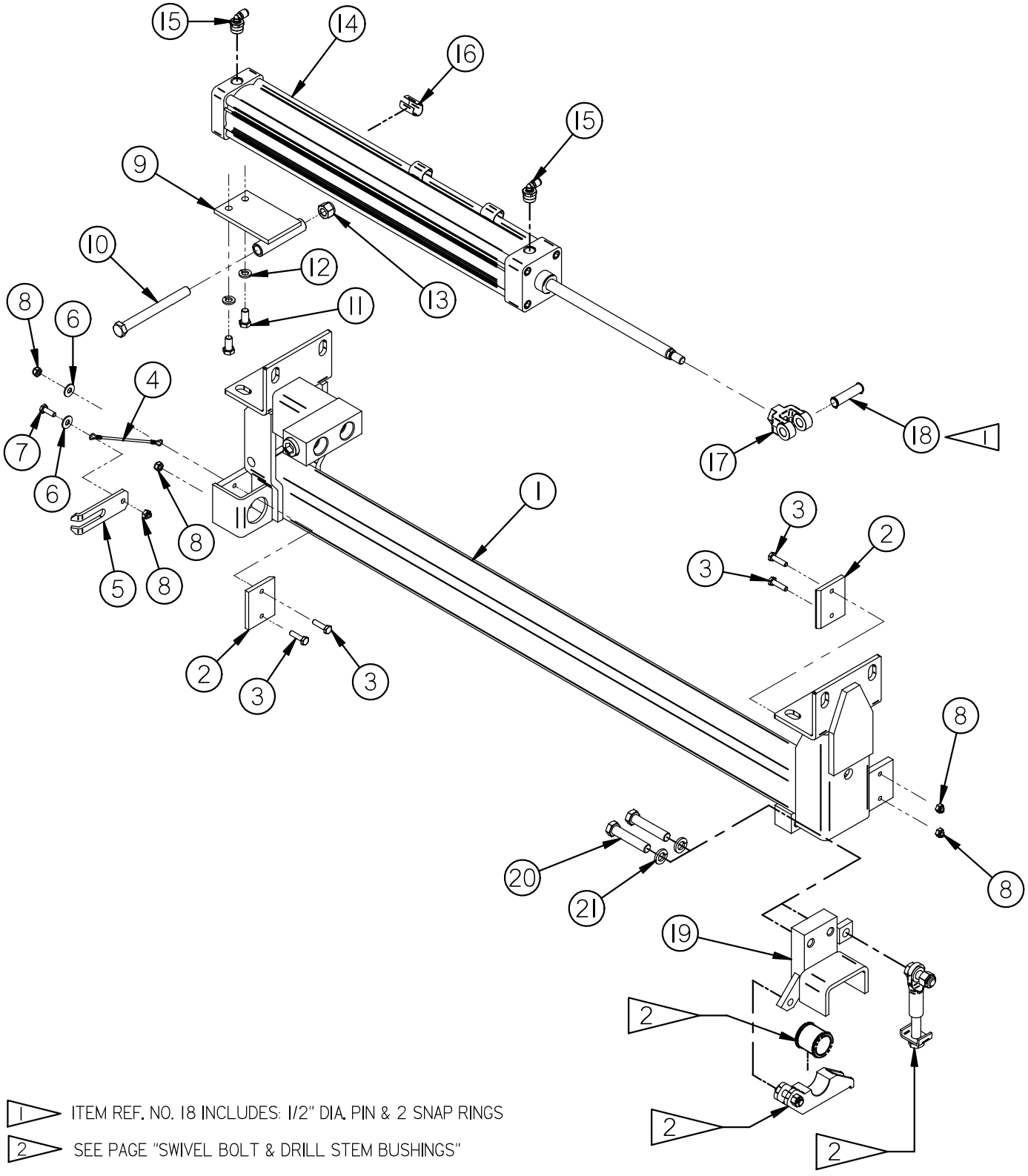


1 EACH ITEM REF. NO. 24 INCLUDES QTY. 1 ITEM REF. NO. 24A

CONTROL PANEL ASSEMBLY

Item No.	Part No.	Quantity	Description
1	MNF0514	1	MAIN FRAME 210B-2
2	MFA06150	2	210B-2 ON GRADE, LEFT CONTROL PANEL
3	SRU13460	2	VALVE SPACER
4	2519 BLT	8	5/16" NC X .75" HX HD BOLT
5	2719 NUT	8	5/16" NC NYLON INSERT LOCKNUT
6	060102VAL	2	3 WAY POSITION VALVE WITH KNOB
7	2478BLT	6	NO. 8-32 UNC X 1 1/2" MACH. SCREW
8	2712NUT	6	NO. 8-32 UNC NYLON INSERT LOCKNUT
9	2051 FIT	10	1/4" TUBE X 1/4" NPT 90 DEG. SWIVEL
10	1001 BRV	2	1/8" NPT BREATHER VENT
11	MFA0677	2	AIR MANIFOLD, 210B / 240B
12	2035FIT	1	1/4" X 1/4" MALE RUN T
13	2067 FIT	1	1/4" TUBE X 1/4 NPT M ST. CONNECTOR
14	2150PFT	2	3/4" 90 PIPE FITTING
15	1999 FIT	2	3/4" NPT MALE X 3/4" HOSE SWIVEL
16	0615VAL	2	3/4" BRASS BALL VALVE ASSEMBLY
17	2114PFT	2	3/4' X 1 1/2" NIPPLE
18	160101L	2	3/4" PINT OILER
19	06095 VAL	1	2-POSITION 4-WAY DETENTED TOGGLE VALVE
20	2050 FIT	9	1/4" TUBE X 1/8 NPT 90 DEG SWIVEL
21	20751 FIT	2	1/8" TUBE X 1/8" NPT 90 DEG. SWIVEL
22	1828 GRO	1	RED BOOT FOR 06095VAL
23	09022 GAU	2	0-60 PSI FILLED GAUGE (1/8 NPT M)
24	081010 REG	2	5-125 PSI REGULATOR (1/8 NPT)
24A	17060 RPT	2	REGULATOR LOCK RING
26	182800 GRO	1	TOGGLE SWITCH GUARD
27	3070 PIN	1	1/8" X .40" LG. AL POP RIVET (BTN HD)

FEED BAR ASSEMBLY



1 ITEM REF. NO. 18 INCLUDES: 1/2" DIA. PIN & 2 SNAP RINGS

2 SEE PAGE "SWIVEL BOLT & DRILL STEM BUSHINGS"

4-22-21

FNG8112-40A

FEED BAR ASSEMBLY

Item No.	Part No.	Quantity	Description
1	SRS163341	1	18" STANDARD FEED BAR
2	MFA0626	2	STOP PAD
3	2503BLT	4	1/4" NC X 1.00" BOLT, GR. 5
4	3030PIN	1	6" LANYARD WITH LOOPS
5	CRA0218	1	CARRIAGE LOCK
6	2801 WAS	2	1/4" FLAT WASHER
7	2501BLT	1	1/4" NC X .75" HX HD BOLT
8	2716NUT	5	1/4" NC NYLON LOCK NUT
9	MFA0625	1	MOUNT, FEED CYLINDER
10	2575 BLT	1	1/2" NC X 5.00" HX HD BOLT
11	2537 BLT	2	3/8" NC X .75" HX HD BOLT
12	2821 WAS	2	3/8" LOCK WASHER
13	2734NUT	1	1/2" NC NYLON INSERT LOCKNUT
14	0514157 CYL	1	PNEUMATIC CYLINDER 2.50 X 20" STROKE
15	2052 FIT	2	1/4" TUBE X 3/8" NPT 90 DEG. SWIVEL
16	MFA06246	3	CYL CLIP (TUBING GUIDE)
17	0501 CYL	1	CYLINDER CLEVIS (1/2" PIN X 7/16 NF THREAD) W/ PIN ASSEMBLY
18	3002 PIN	1	CLEVIS PIN ASSY (1/2")
19	MFA06310	1	UPPER BIT GUIDE - BOLT ON
20	2564 BLT	2	1/2" NC X 2.50" HX HD BOLT
21	2832 WAS	2	1/2" LOCK WASHER

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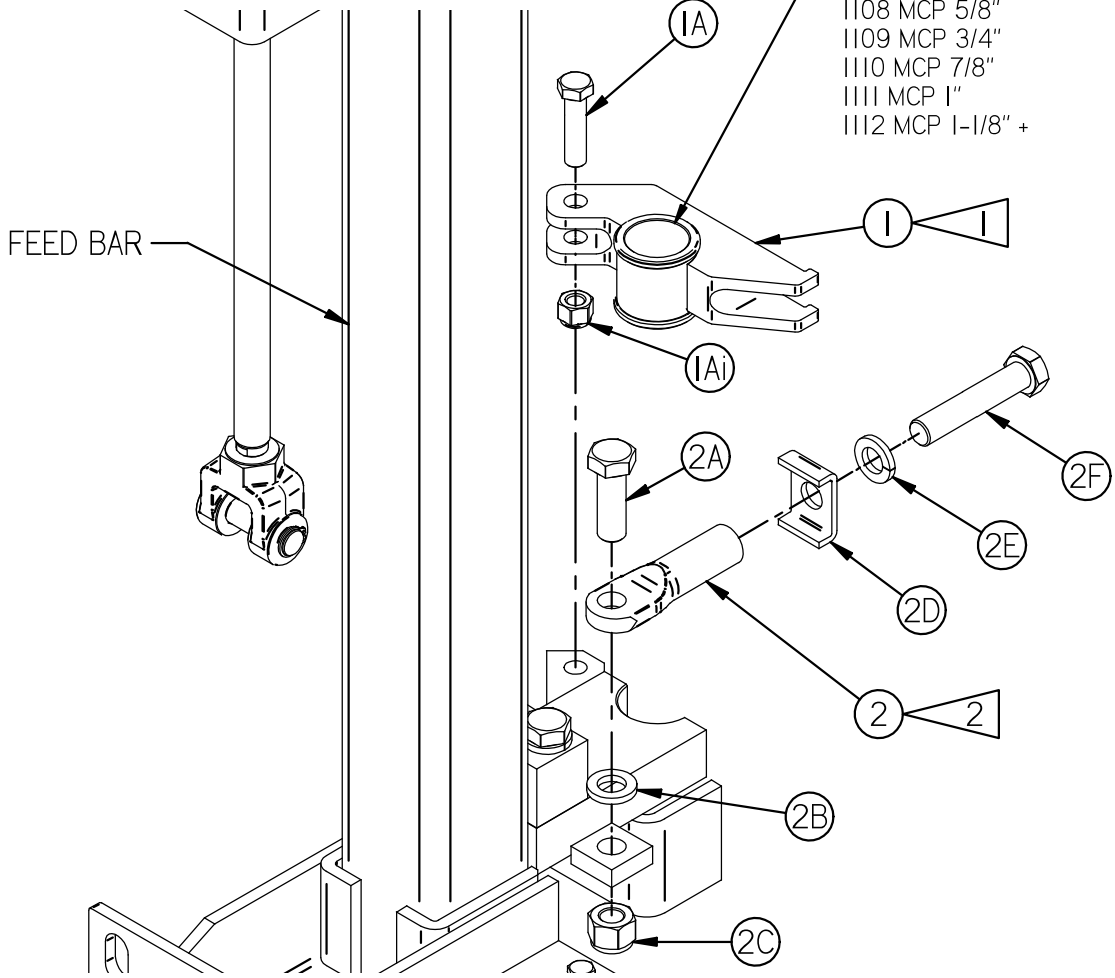
FNG8112-40A

SWIVEL BOLT & DRILL STEM BUSHINGS



Item No.	Part No.	Quantity	Description
1	MFA0609	1	1.38" LOWER BIT GUIDE (COMPLETE)
1A	2541 BLT	1	3/8" NC X 1.50" HX HD BOLT
1Ai	2727NUT	1	3/8" NC NYLON INSERT LOCKNUT
2	MFA0674	1	SWIVEL BOLT (1/2-13UNC) (COMPLETE)
2A	2562 BLT	1	1/2" NC X 1.50" HX HD TAP BOLT
2B	2831WAS	1	7/8" OD X 1/2" ID WASHER 10GA.
2C	2734NUT	1	1/2" NC NYLON INSERT LOCKNUT
2D	MFA0690	1	KEEPER, BIT GUIDE
2E	2832 WAS	1	1/2" LOCK WASHER
2F	2564 BLT	1	1/2" NC X 2.50" HX HD BOLT

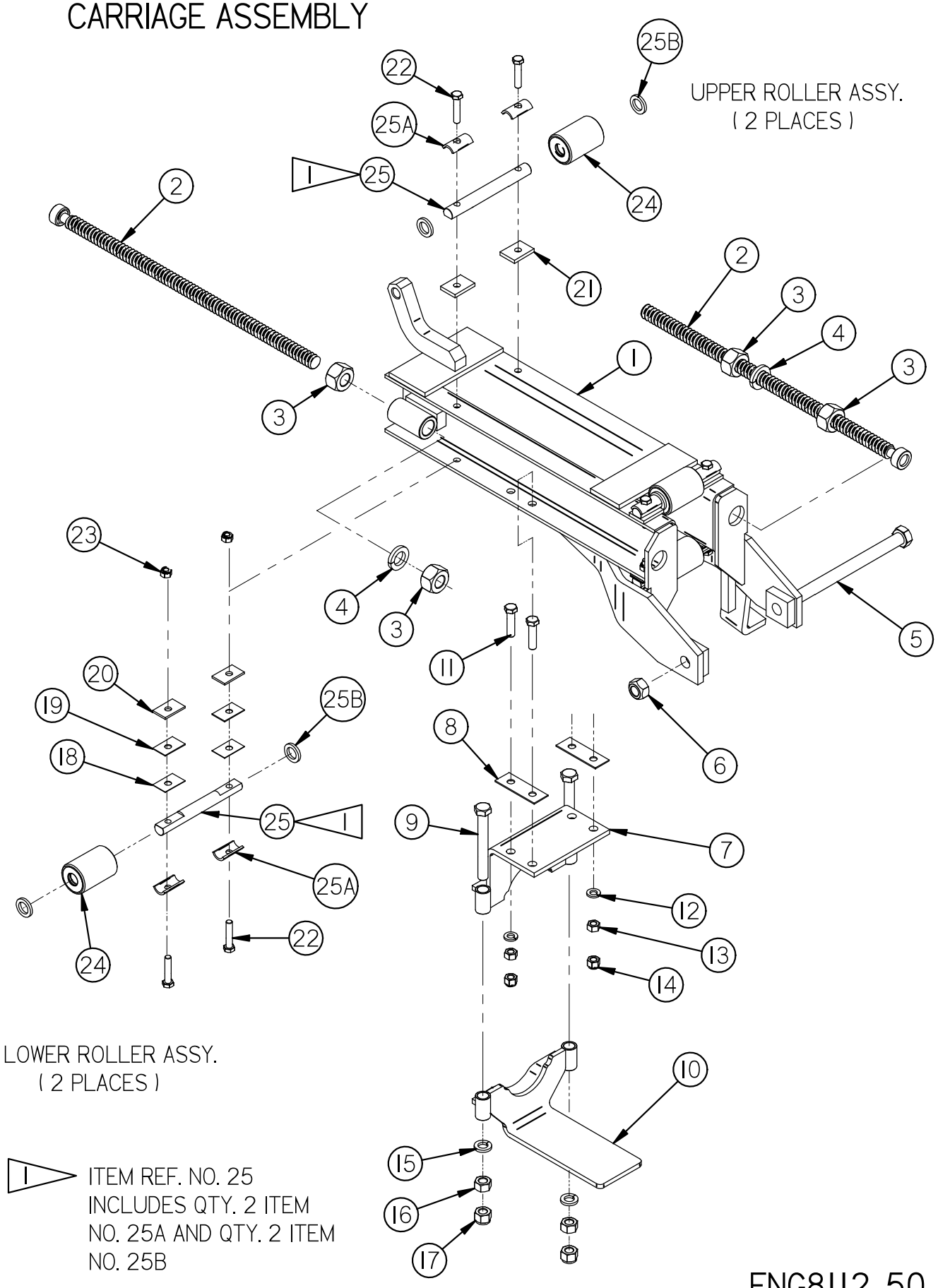
1 ITEM REF. NO.1 INCLUDES ITEM NO 1A
ITEM REF. NO.1A INCLUDES ITEM NO. 1Ai

2 ITEM REF NO. 2 INCLUDES ITEMS 2A,2B,2C,2D,2E AND 2F

3-31-2025

FNG8112-40B

CARRIAGE ASSEMBLY



FNG8112-50

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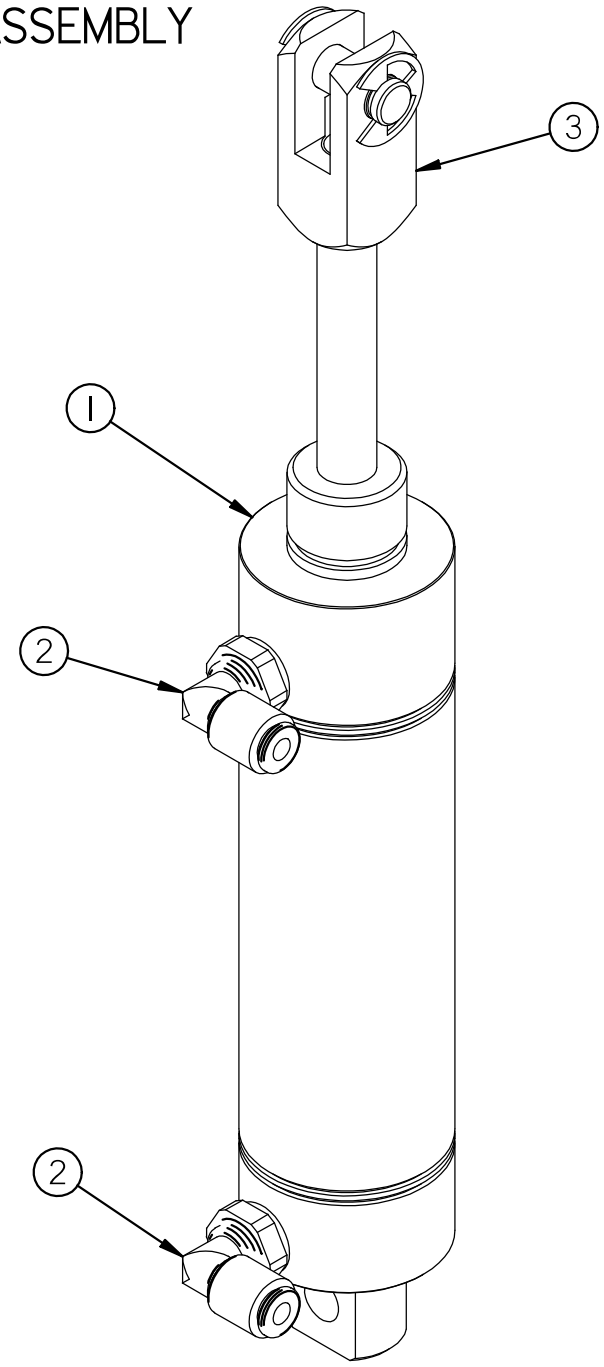
CARRIAGE ASSEMBLY

Item No.	Part No.	Quantity	Description
1	CRG01041	1	CARRIAGE (STD. 210 SERIES)
2	CRA02030	2	3/4 X 18" STOP ROD
3	27490 NUT	4	3/4-4.5 TPI COIL THD. NUT (PLATED, HVY HEX)
4	2852 WAS	2	3/4" LOCK WASHER
5	2590 BLT	1	5/8" NC X 8.0" HX HD BOLT (GR. 8)
6	2742 NUT	1	5/8" NC TOP LOCKNUT
7	CRA0214	1	UPPER DRILL BRACKET
8	7010 TAB	2	16 GA. TWO HOLE SHIM
9	2570BLT	2	1/2" NC X 4.00" HX HD BOLT
10	CRA0216	1	LOWER DRILL BRACKET
11	2541 BLT	4	3/8" NC X 1.50" HX HD BOLT
12	2821 WAS	4	3/8" LOCK WASHER
13	2725 NUT	4	3/8" - NC STANDARD HEX NUT
14	2727NUT	4	3/8" NC NYLON INSERT LOCKNUT
15	2832 WAS	2	1/2" LOCK WASHER
16	2732 NUT	2	1/2" NC STANDARD NUT
17	2734NUT	2	1/2" NC NYLON INSERT LOCKNUT
18	7013TAB	4	22 GA. SHIM (AS NEEDED)
19	7012TAB	4	18 GA. SHIM (AS NEEDED)
20	7011TAB	4	12 GA. SHIM (AS NEEDED)
21	70105TAB	4	3/16" SHIM (ROLLER BRG. AXLE)
22	2526 BLT	8	5/16" NC X 1.50" HX HD BOLT
23	2719 NUT	8	5/16" NC NYLON INSERT LOCKNUT
24	CRA0233	4	ROLLER BEARING DRUM
25	CRA0234	4	ROLLER BEARING AXLE
25A	CRA0230	8	BEARING KEEPER
25B	2841 WAS	8	5/8" MACHINERY BUSHING (10 GAGE)

BRAKE CYLINDER ASSEMBLY



Item No.	Part No.	Quantity	Description
1	05043CYL	1	BRAKE CYLINDER
2	20751 FIT	2	1/8" TUBE X 1/8" NPT 90 DEG. SWIVEL
3	05000 CYL	1	CYLINDER CLEVIS & PIN

FNG8112-60

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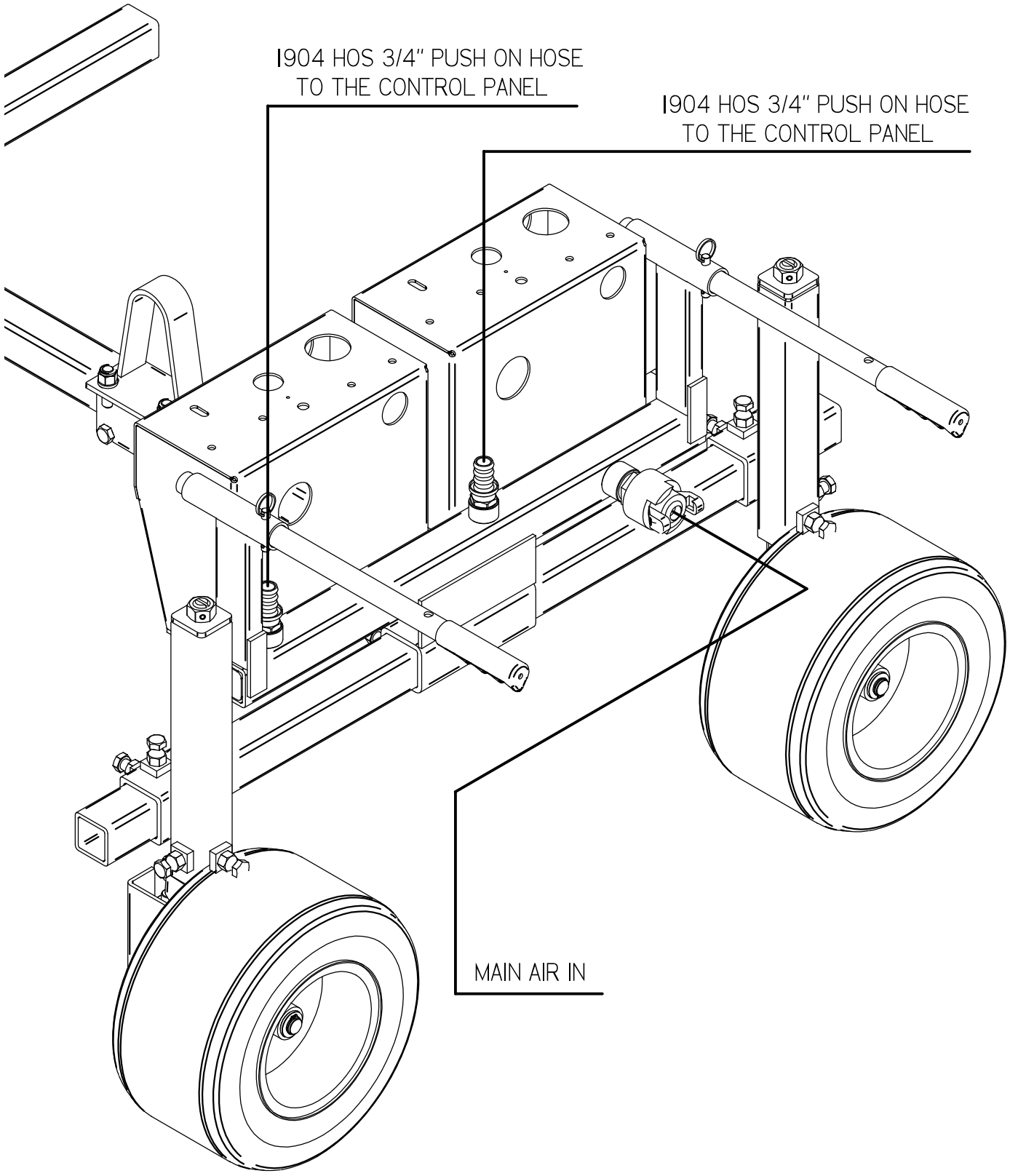
FRAME MANIFOLD SCHEMATIC



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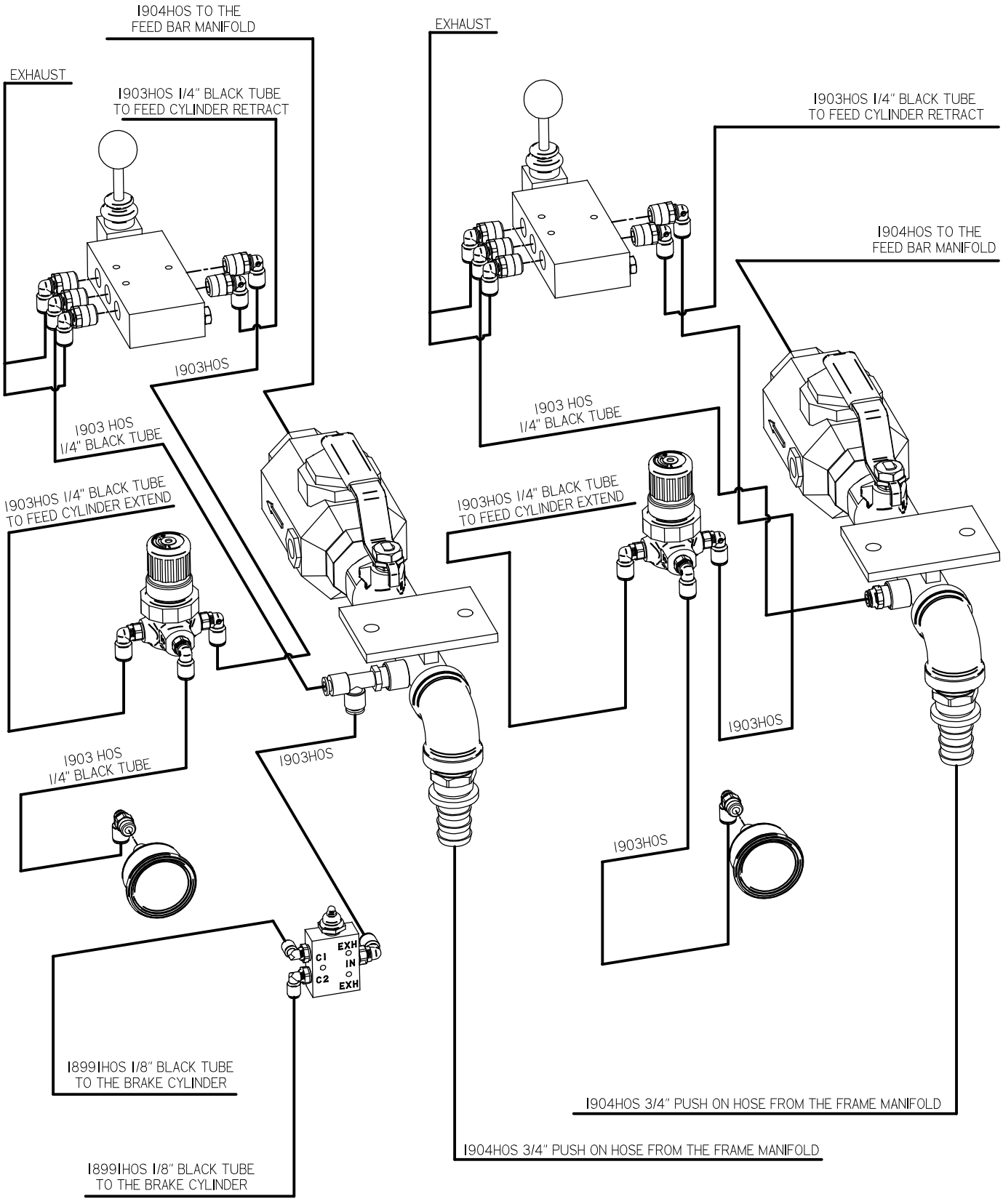
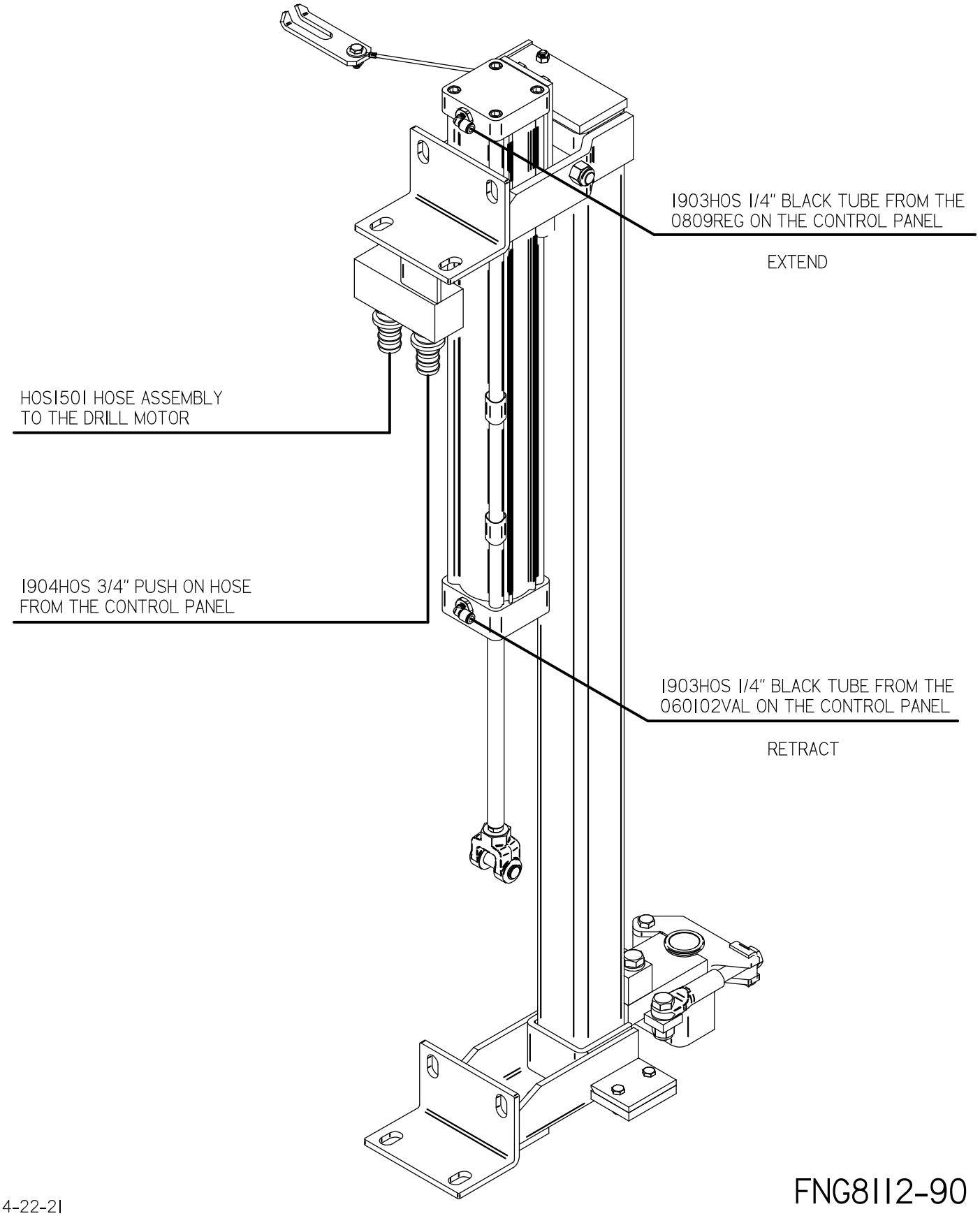
CONTROL PANEL SCHEMATIC



FNG8112-80

4-22-21

FEED BAR SCHEMATIC



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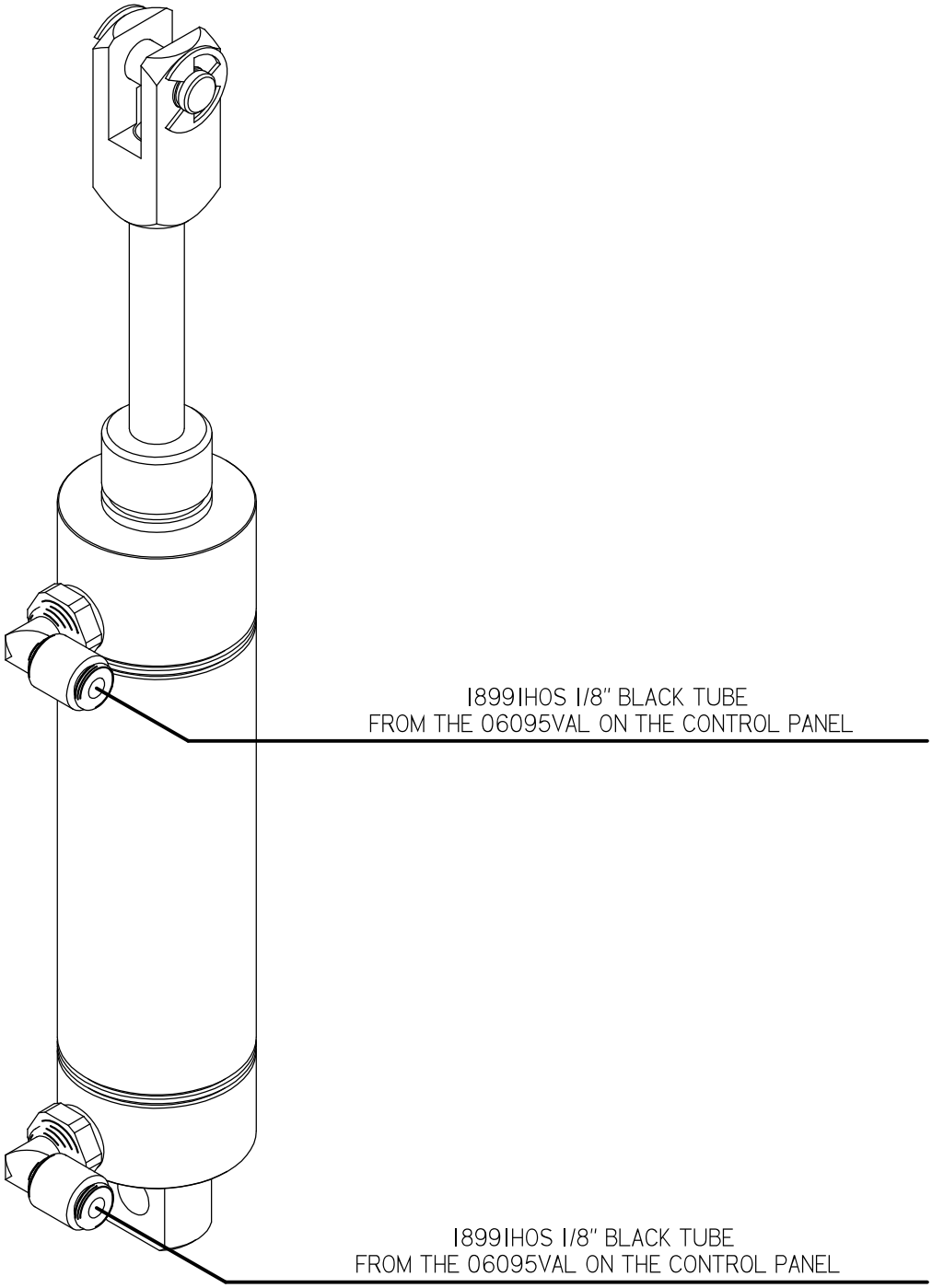
BRAKE CYLINDER SCHEMATIC



FNG8112-100

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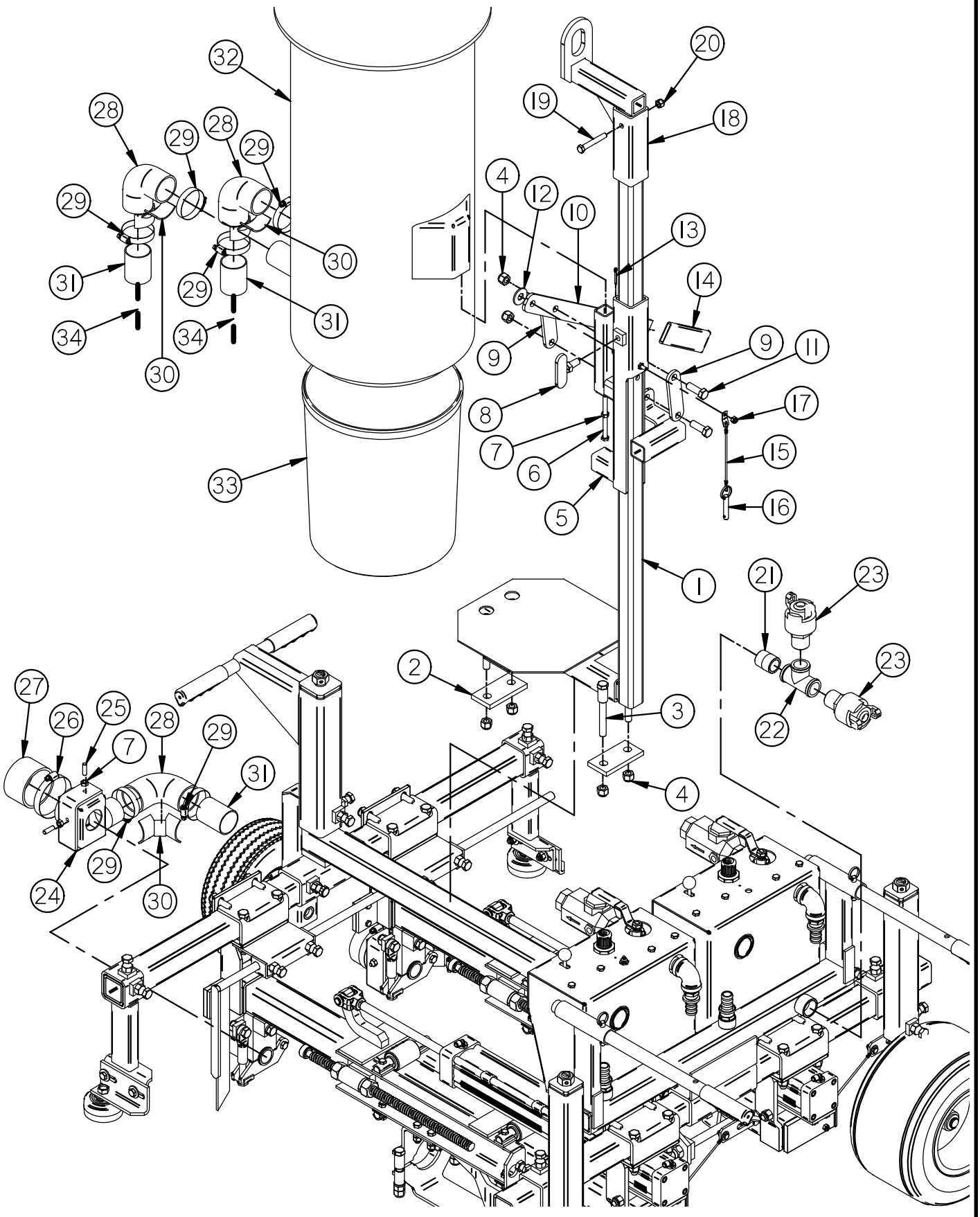
210B-2 QMP VACUUM SYSTEM ASSEMBLY



4-22-21

969610Q MIS ASSEMBLY

210B-2 QMP VACUUM SYSTEM ASSEMBLY

Item No.	Part No.	Quantity	Description
1	MFA069997Q	1	210B-2 ON GRADE, VAC SYSTEM FRAME
2	MFA069905_01	2	FRAME CLAMP SHORT
3	2572BLT	4	1/2" NC X 4 1/2" BOLT, GR. 5
4	2734NUT	6	1/2" NC NYLON INSERT LOCKNUT
5	MFA0699330Q	1	210B-2 ON GRADE, DUST COLLECTION ADAPTER
6	2536 BLT	1	5/16" NC X 8.00" HX HD BOLT
7	2717 NUT	5	5/16 UNC HEX NUT (ZP, GR. 5)
8	MFA069903	1	SET SCREW - DUST COLLECTION
9	MFA069906	2	FRAME CLAMP LONG
10	MFA0699040	1	RAISE/LOWER LEVER - MACRO DUST COLLECTION
11	2562 BLT	2	1/2" NC X 1.50" HX HD TAP BOLT
12	2830 WAS	1	1/2" STD. FLAT WASHER
13	30221 PIN	1	1/8" X 1-1/4" COTTER PIN
14	18206GRO	1	LEVER GRIP
15	3031PIN	1	LANYARD W/TAB ONE END
16	3029PIN	1	LOCK PIN
17	2716NUT	1	1/4" NC NYLON LOCK NUT
18	MFA069998Q	1	210B-2 ON GRADE, LIFTING BALE
19	2546 BLT	1	3/8" NC X 2.50" HX HD BOLT
20	2727NUT	1	3/8" NC NYLON INSERT LOCKNUT
21	21248 PFT	1	1" CLOSE, HEAVY NIPPLE
22	21035 PFT	1	1" PIPE TEE
23	20091 FIT	2	QUICK COUPLING 1" MALE PIPE
24	MFA069913	2	DUST COLLECTOR HEAD
25	2521 BLT	4	5/16-18 X 1" SET SCREW
26	19503 CLP	2	WORM GEAR HOSE CLAMP (3 - 4")
27	190406 HOS	2	3" COLLECTOR HOSE (2" LONG PIECE)
28	19045 HOS	4	2" 90 DEG. SILICONE HOSE COUPLER
29	195025 CLP	8	WORM GEAR HOSE CLAMP (1-1/2" - 2-1/2")
30	MFA069914	4	90 DEG. ELBOW CLAMP
31	MFA069910_12	4	DUST HEAD ROUND TUBE
32	96951Q MIS	1	MACRO QMP VACUUM
33	43058 MIS	1	5 GAL. PLASTIC PALE, BLACK
34*	19255 HOS	2	2" VACUUM HOSE

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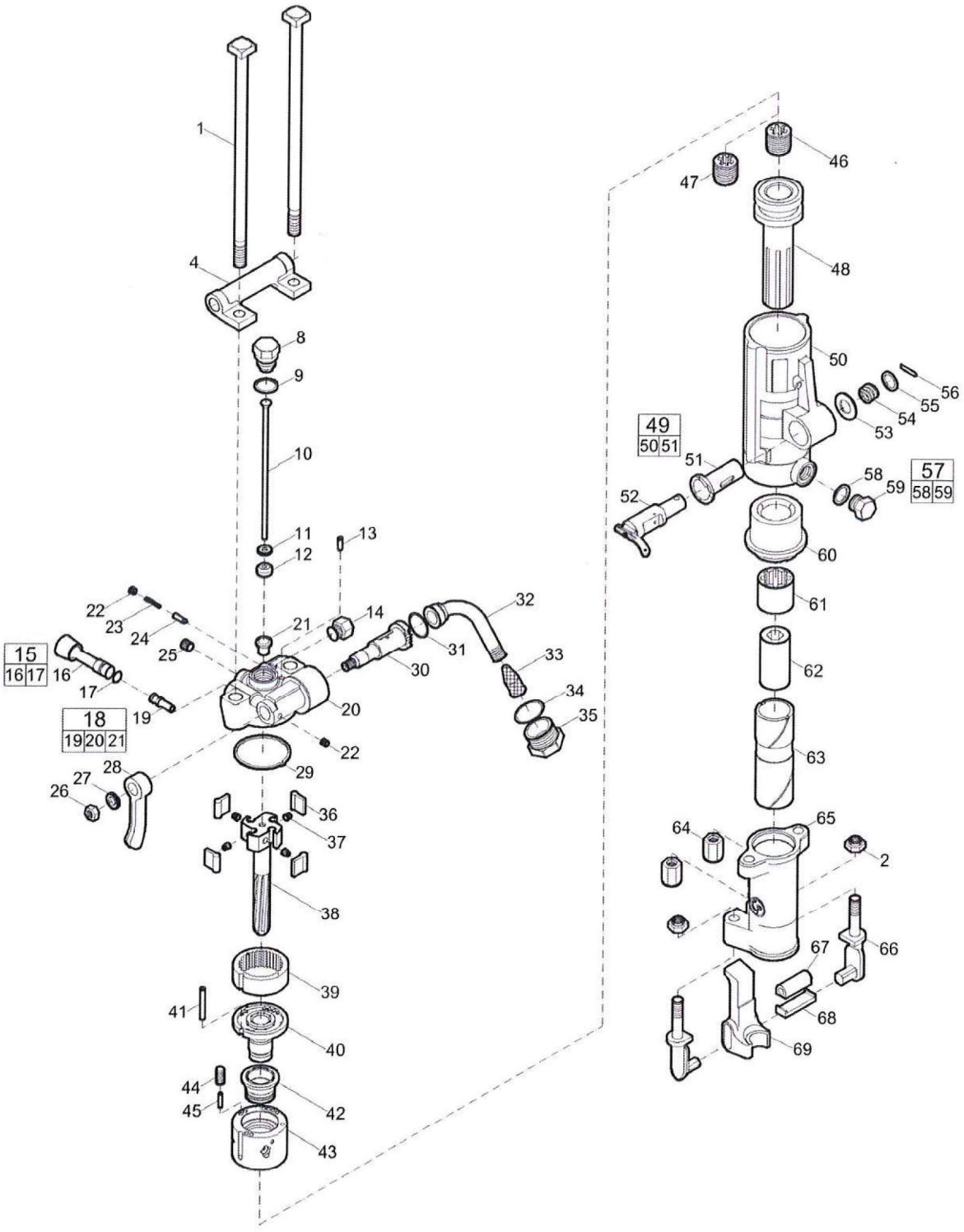
969610Q MIS ASSEMBLY

Spare parts list CP 0032 A ⅞" x 3¼"



Item	Part No.	Name	Qty	L
1	R086623	Bolt - Thru	2	
2	R005742	Nut - Elastic stop	2	A
4	R086608	Bracket - Handle	1	
8	R076793	Plug - Air tube	1	
9	R000537	Gasket - Tube plug	2	
10	R077184	Tube - Air	1	
11	R075449	Washer - Air tube	1	
12	R075099	Rubber - Air tube	1	
13	R075802	Pin - Valve plunger	1	
14	R076372	Plug - Water valve	1	
15	R079130	Water valve port plug, complete	1	
16	-	Water valve port plug	1	
17	C079489	O-ring	1	
18	R087948	Backhead, complete	1	
19	R098054	Bushing - Water valve	1	
20	-	Backhead	1	
21	R137738	Bushing - Blow tube	1	
22	C068064	Plug - Pipe	2	
23	R085671	Spring - Valve plunger	1	
24	R086627	Plunger - Throttle valve	1	
25	C068799	Plug - pipe, Ø 1/4 in., Ø 6.5 mm	1	C
26	P002149	Nut - Hexagon	1	D
27	C036717	Lockwasher - Head latch	1	E
28	R079124	Handle - Throttle valve	1	
29	H0979432	Gasket	1	
30	R086628	Valve - Throttle	1	
31	P103521	O-ring	1	
32	R075265	Swivel - Air inlet	1	
33	R005584	Screen - Air inlet	1	
34	R110317	O-ring	1	
35	R000530	Air swivel nut	1	
36	R075267	Pawl	4	
37	R086654	Spring - Pawl	4	
38	R086622	Bar - Rifle	1	

Item	Part No.	Name	Qty	L
39	R076194	Ring - Ratchet	1	
40	R098085	Bushing - Valve guide	1	
41	R075772	Pin - Valve case dowel	1	
42	R076263	Valve	1	
43	R076264	Case - Valve	1	
44	R098084	Plug - Oil regulating	1	
45	R085625	Stem - Oil regulating	1	
46	R075839	Nut - Rifle bar	1	F
47	R075826	Nut - Rifle bar	1	G
48	R000088	Piston	1	
49	R087990	Cylinder, complete	1	
50	--	Cylinder	1	
51	R086611	Bushing - Blower valve	1	
52	R086612	Valve - Blower	1	
53	R075777	Washer - Blower valve	1	
54	R075778	Spring - Blower valve	1	
55	R075780	Washer - Valve spring	1	
56	R076266	Pin - Spring	1	
57	R085611	Oil plug, complete	1	
58	R091176	Gasket - Oil plug	1	
59	--	Oil plug	1	
60	R042161	Bushing - Cylinder	1	
61	R086733	Nut - Chuck rotation	1	
62	R099374	Chuck, 7/8" x 31/4" (22 x 82.5 mm)	1	
63	R041321	Sleeve - Chuck, 7/8" x 31/4" (22 x 82.5 mm)	1	
64	R085756	Nut - Thru bolt	2	
65	R041320	Fronthead, 7/8" x 31/4" (22 x 82.5 mm)	1	
66	R093896	Tunnion - Retainer	2	
67	R093897	Buffer - Retainer	1	
68	R093898	Retainer - Latch shoe	1	
69	R093913	Retainer, 7/8" (22 mm)	1	

Comments for Page: CP 0032 A ⅞" x 3¼"

(L)OCAL REMARKS

A | 5/8" - 11

B | 1/8"

C | 1/4"