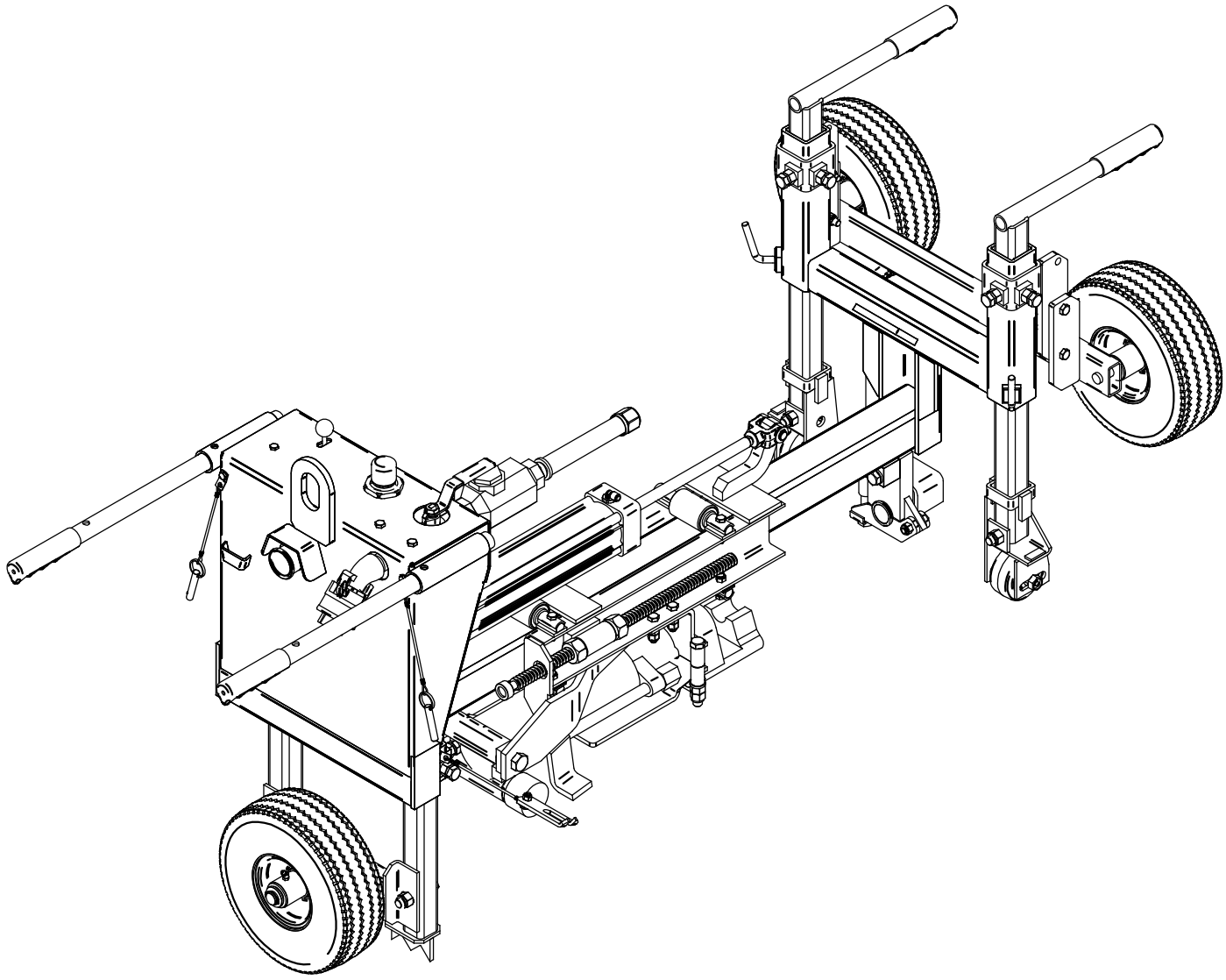
MODEL 210B

FNG80990



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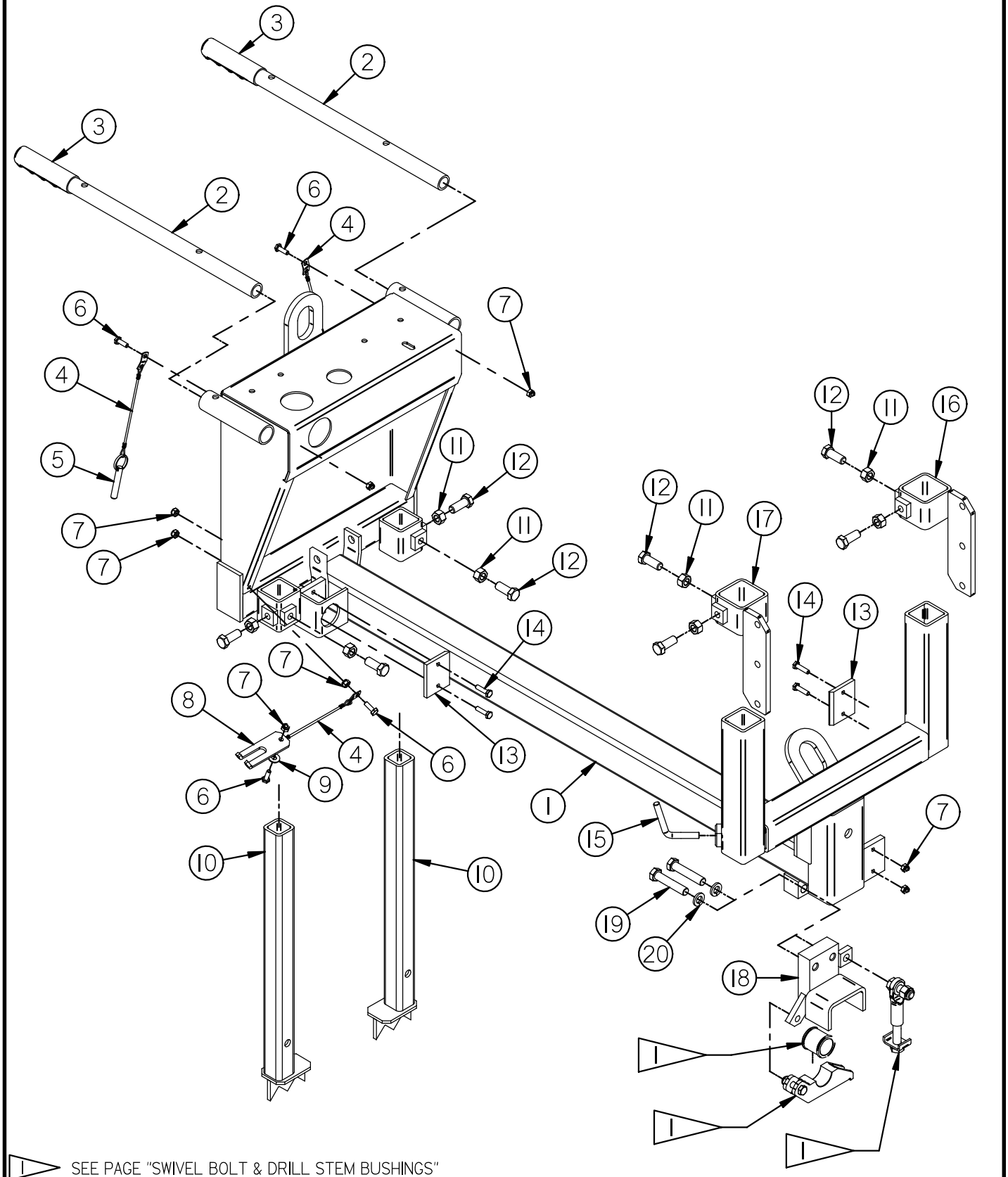
210B QMP VACUUM SYSTEM ASSEMBLY	96960Q MIS
CP0032A SINKER DRILL	CP0032A

MAIN FRAME ASSEMBLY



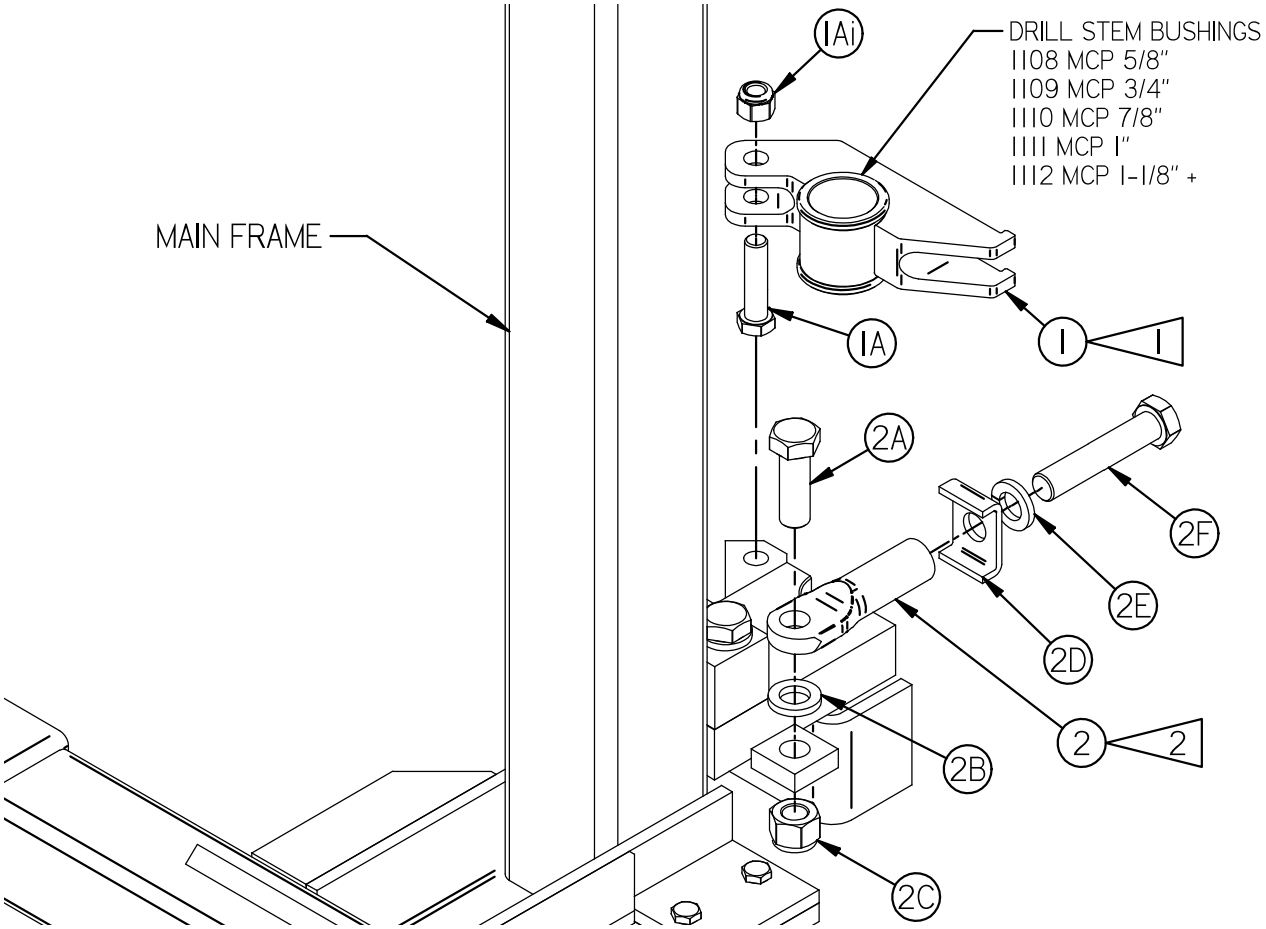
3-24-2021

FNG80990 - PARTS PAGE 01A

MAIN FRAME ASSEMBLY

Item No.	Part No,	Quantity	Description
1	MNF050202	1	210B / 240B MAIN FRAME, 18" DD
2	MFA0617	2	REAR LIFTING HANDLE
3	1820GRO	2	HANDLE GRIP
4	3031PIN	3	LANYARD W/TAB ONE END
5	3029PIN	2	LOCK PIN
6	2501BLT	4	1/4" NC X .75" HX HD BOLT
7	2716NUT	8	1/4" NC NYLON LOCK NUT
8	CRA0218	1	CARRIAGE LOCK
9	2801 WAS	1	1/4" FLAT WASHER
10	MFA0602	2	210B REAR LEG
11	2732 NUT	8	1/2" NC STANDARD NUT
12	2560BLT	8	1/2" NC X 1.25" HX HD BOLT
13	MFA0626	2	STOP PAD
14	2503BLT	4	1/4" NC X 1.00" BOLT, GR. 5
15	MFA0611	2	HANDLE SET SCREW (3/8" NC)
16	MFA0621	1	UPPER STABILIZER BRACKET RIGHT
17	MFA0622	1	UPPER STABILIZER BRACKET LEFT
18	MFA06310	1	UPPER BIT GUIDE - BOLT ON
19	2564 BLT	2	1/2" NC X 2.50" HX HD BOLT
20	2832 WAS	2	1/2" LOCK WASHER

SWIVEL BOLT & DRILL STEM BUSHINGS

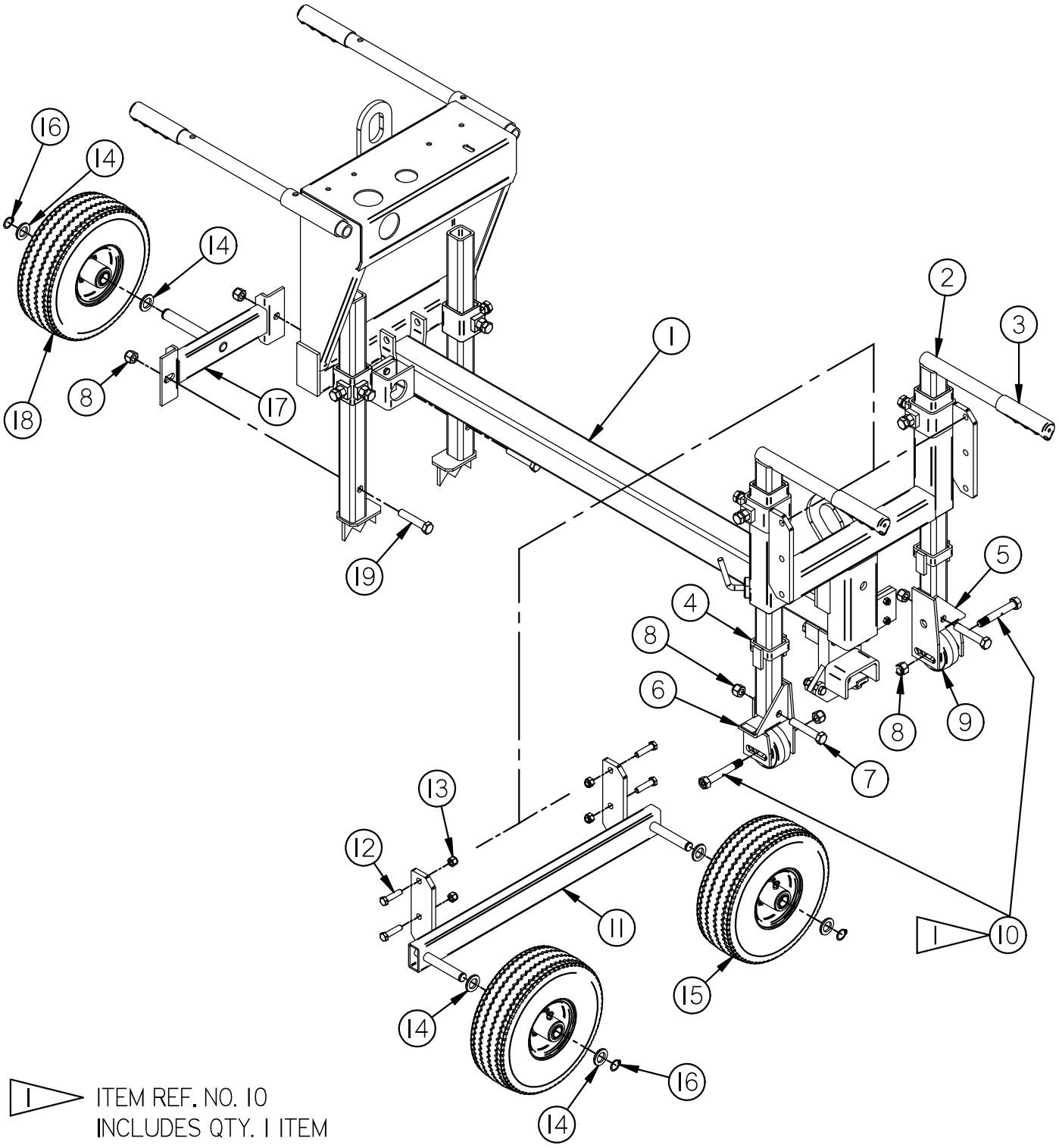


Item No.	Part No.	Quantity	Description
1	MFA0609	1	1.38" LOWER BIT GUIDE (COMPLETE)
1A	2541 BLT	1	3/8" NC X 1.50" HX HD BOLT
1Ai	2727NUT	1	3/8" NC NYLON INSERT LOCKNUT
2	MFA0674	1	SWIVEL BOLT (1/2-13UNC) (COMPLETE)
2A	2562 BLT	1	1/2" NC X 1.50" HX HD TAP BOLT
2B	2831WAS	1	7/8" OD X 1/2" ID WASHER 10GA.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

MOBILE SYSTEM ASSEMBLY



1 ITEM REF. NO. 10
INCLUDES QTY. 1 ITEM NO. 8

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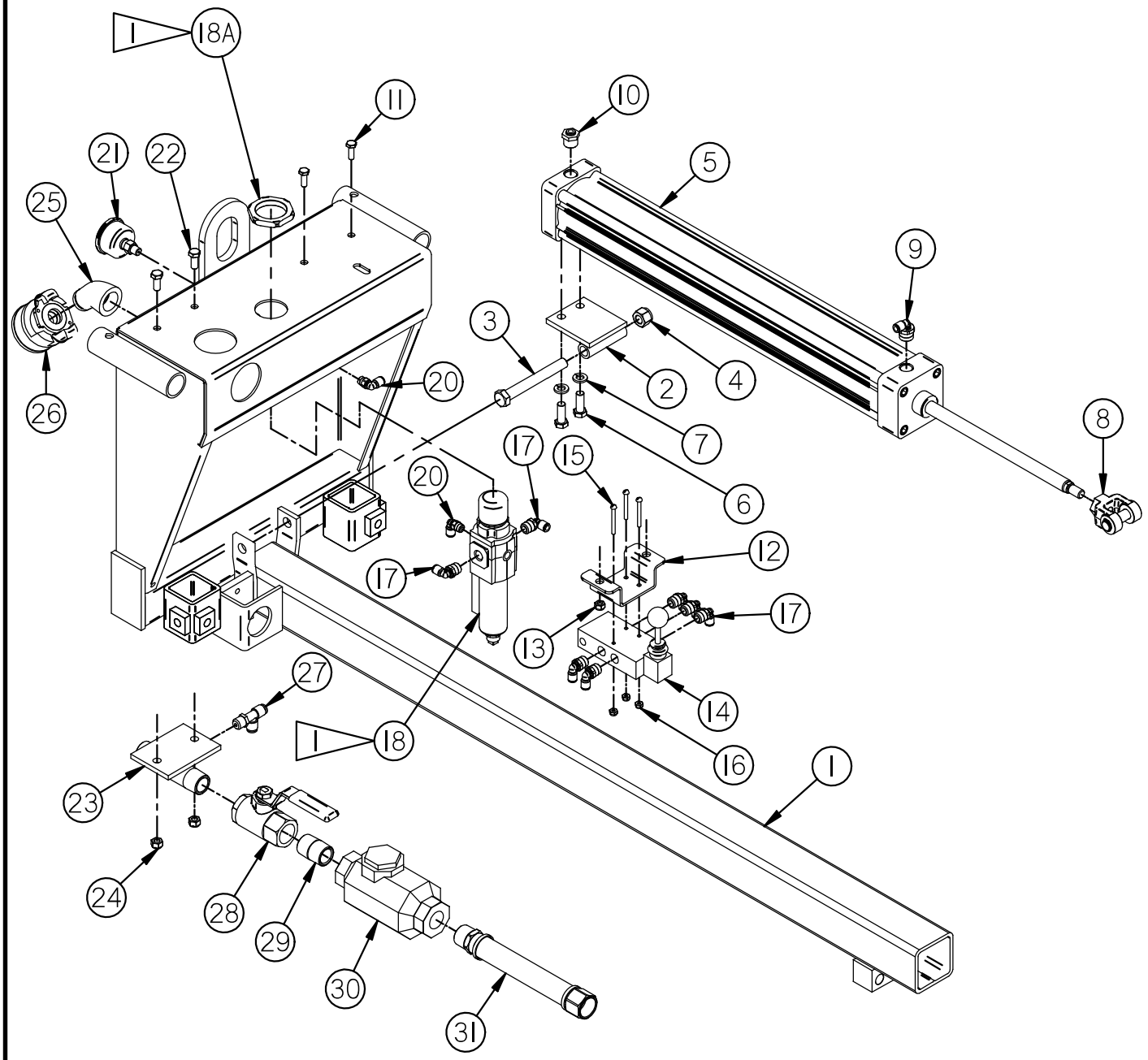
FNG80990 - PARTS PAGE 02

MOBILE SYSTEM ASSEMBLY

Item No.	Part No.	Quantity	Description
1	MNF050202	1	210B / 240B MAIN FRAME, 18" DD
2	MFA0619	2	FRONT LIFTING HANDLE 210
3	1820GRO	2	HANDLE GRIP
4	MOB0926	2	SLIDE LOCK
5	MOB0915	1	GUIDE WHEEL SWIVEL ASSEMBLY RIGHT 210
6	MOB0916	1	GUIDE WHEEL SWIVEL ASSEMBLY LEFT 210
7	2566 BLT	2	1/2" NC X 2.75" HX HD BOLT
8	2734NUT	6	1/2" NC NYLON INSERT LOCKNUT
9	0207 WHL	2	GUIDE WHEEL
10	25675 BLT	2	1/2 NC X 3.38" GREASE BOLT KIT
11	MOB0908	1	FRNT. MOBILE STABILIZER (MODEL 210B)
12	2541 BLT	4	3/8" NC X 1.50" HX HD BOLT
13	2727NUT	4	3/8" NC NYLON INSERT LOCKNUT
14	2851 WAS	6	3/4" X 10 GA. WASHER
15	0201 WHL	2	8" WHEEL PNEUMATIC-210
16	3038PIN	3	SNAP RING 3/4"
17	MOB0927	1	REAR AXLE ASSY. (MODEL 210B)
18	0202 WHL	1	4.10-3.50-4 TIRE-WHEEL
19	2564 BLT	2	1/2" NC X 2.50" HX HD BOLT

CONTROL PANEL ASSEMBLY

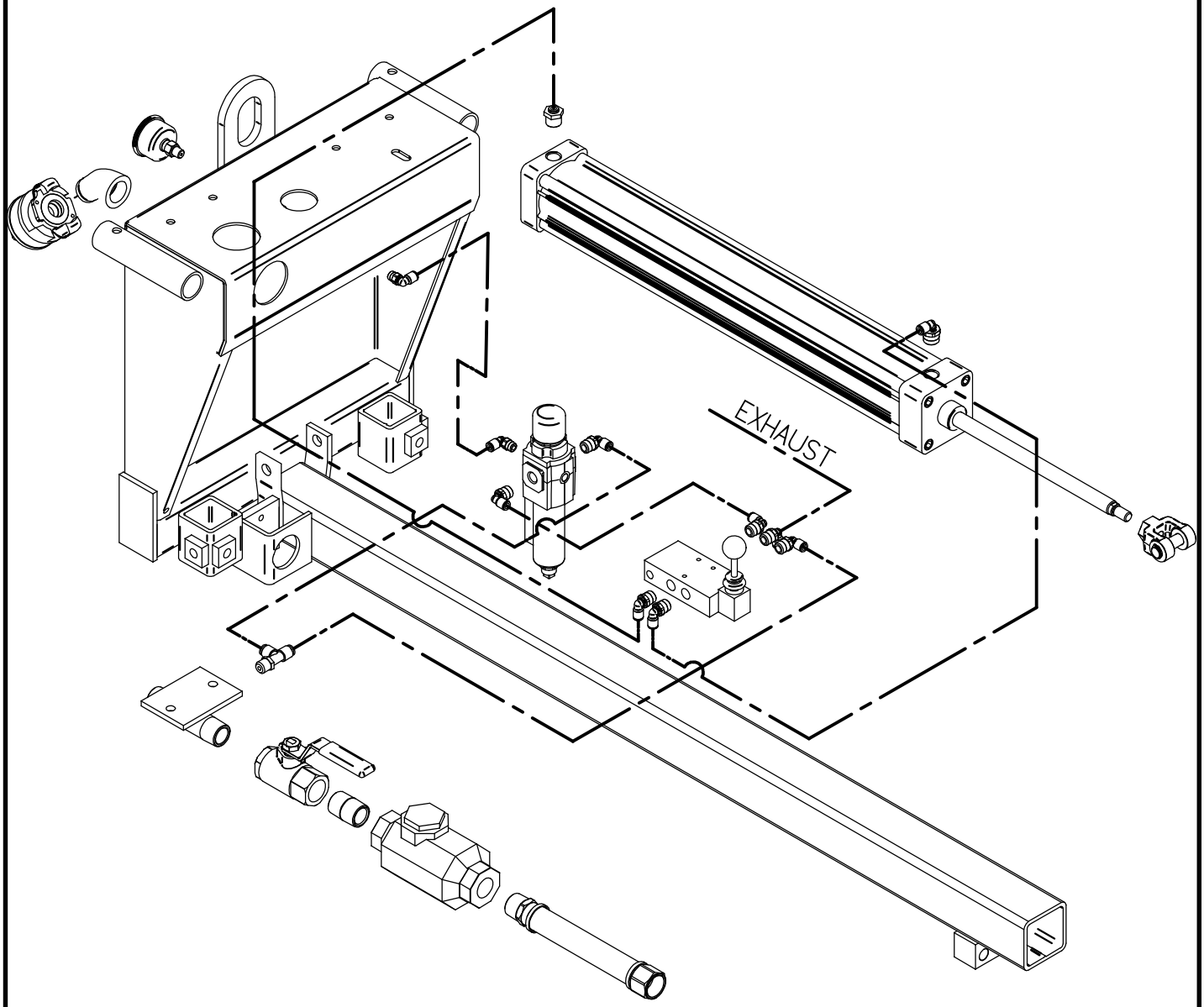


1 ITEM REF. NO. 18 INCLUDES: ITEM NO. 18A

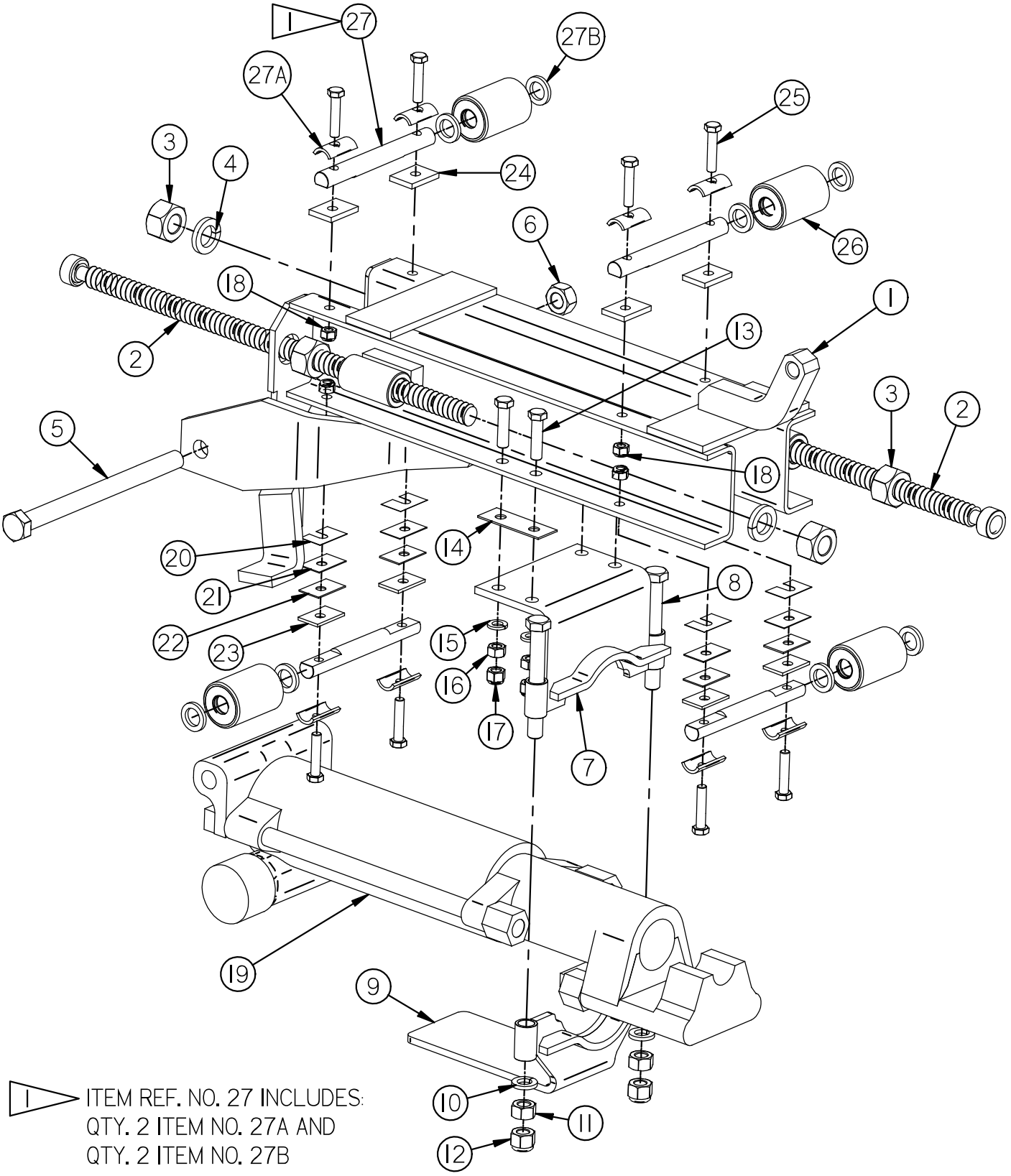
CONTROL PANEL ASSEMBLY

Item No.	Part No.	Quantity	Description
1	MNF050202	1	21B / 240B MAIN FRAME, 18" DD
2	MFA0624	1	FEED CYLINDER BRACKET (210)
3	2570BLT	1	1/2" NC X 4.00" HX HD BOLT
4	2734NUT	1	1/2" NC NYLON INSERT LOCKNUT
5	0514157 CYL	1	PNEUMATIC CYLINDER 2.50 X 20" STROKE
6	2538 BLT	2	3/8" NC X 1.00" HX HD BOLT
7	2821 WAS	2	3/8" LOCK WASHER
8	0501 CYL	1	7/16 NF CYL CLEVIS & 1/2" PIN ASSY.
9	2052 FIT	1	1/4" TUBE X 3/8" NPT 90 DEG. SWIVEL
10	2068 FIT	1	1/4" TO 3/8" MALE CONN. FITTING
11	2501BLT	2	1/4" NC X .75" HX HD BOLT
12	SRU13460	1	VALVE SPACER
13	2716NUT	2	1/4" NC NYLON LOCK NUT
14	06102VAL	1	3 WAY POSITION VALVE WITH KNOB
15	2478BLT	3	NO. 8-32 UNC X 1 1/2" MACH. SCREW
16	2712NUT	3	NO. 8-32 UNC NYLON INSERT LOCKNUT
17	2051 FIT	7	1/4" TUBE X 1/4" NPT 90 DEG. SWIVEL
18	08092 REG	1	AIR PRESSURE REGULATOR
18A	17058RPT	1	2" HEX NUT (AIR REGULATOR)
20	2050 FIT	2	1/4" TUBE X 1/8 NPT 90 DEG SWIVEL
21	09022 GAU	1	0-60 PSI FILLED GAUGE (1/8 NPT M)
22	2519 BLT	2	5/16" NC X .75" HX HD BOLT
23	MFA0677	1	AIR MANIFOLD, 210B / 240B
24	2719 NUT	2	5/16" NC NYLON INSERT LOCKNUT
25	2148PFT	1	3/4" 45 DEG. STREET ELL
26	20090 FIT	1	COUPLING (3/4" NPT)
27	2035FIT	1	1/4" X 1/4" MALE RUN T
28	0615VAL	1	3/4" BRASS BALL VALVE ASSEMBLY
29	2114PFT	1	3/4' X 1 1/2" NIPPLE
30	16010IL	1	3/4" PINT OILER
31	HOS1501	1	MANIFOLD TO DRILL MOTOR HOSE 30"

AIR LINE SCHEMATIC



CARRIAGE ASSEMBLY

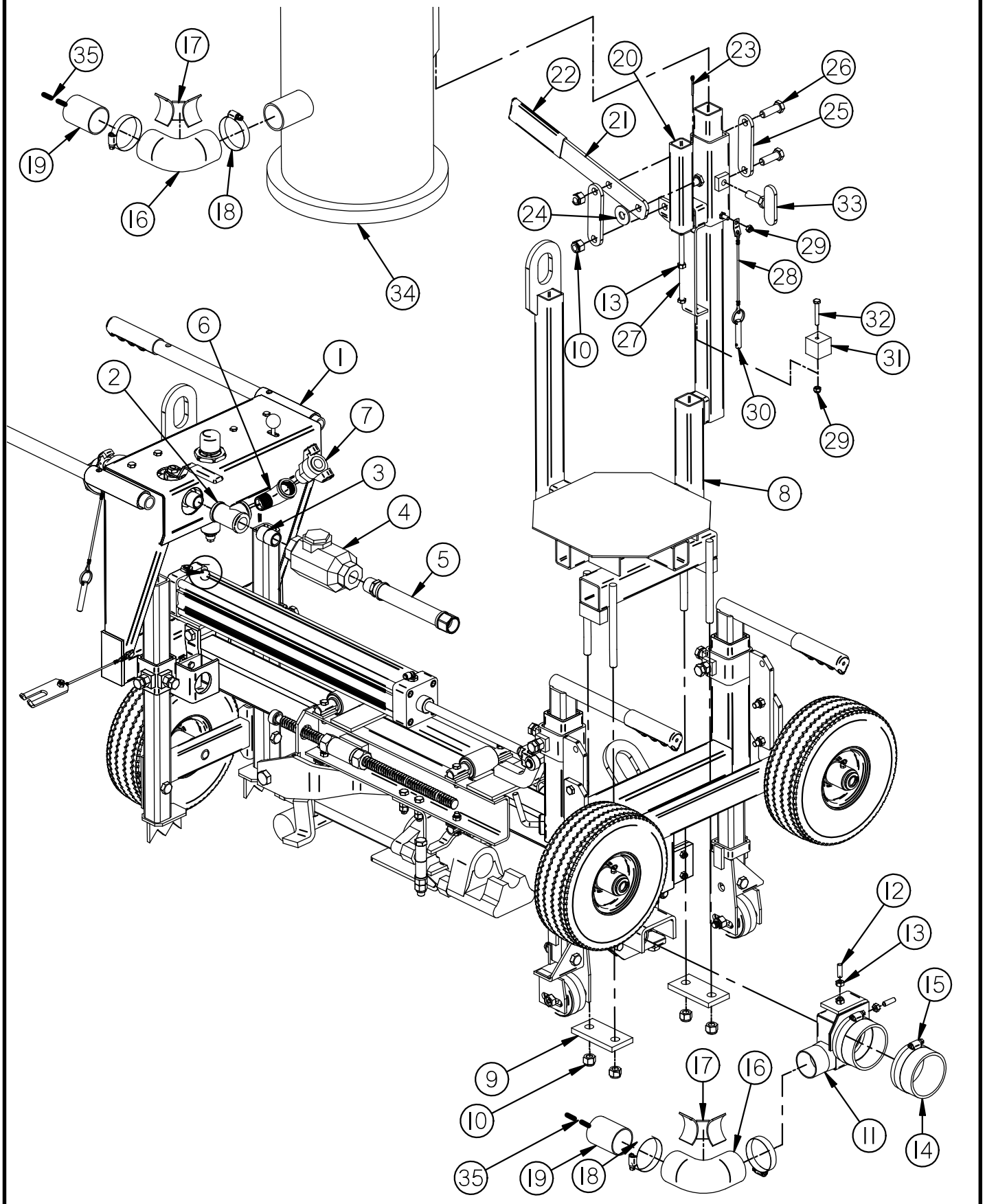


1 ITEM REF. NO. 27 INCLUDES:
QTY. 2 ITEM NO. 27A AND
QTY. 2 ITEM NO. 27B

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	2570BLT	2	1/2" NC X 4.00" HX HD BOLT
9	CRA0216	1	LOWER DRILL BRACKET
10	2832 WAS	2	1/2" LOCK WASHER
11	2732 NUT	2	1/2" NC STANDARD NUT
12	2734NUT	2	1/2" NC NYLON INSERT LOCKNUT
13	2541 BLT	4	3/8" NC X 1.50" HX HD BOLT
14	7010 TAB	2	16 GA. TWO HOLE SHIM
15	2821 WAS	4	3/8" LOCK WASHER
16	2725 NUT	4	3/8" - NC STANDARD HEX NUT
17	2727NUT	4	3/8" NC NYLON INSERT LOCKNUT
18	2719 NUT	8	5/16" NC NYLON INSERT LOCKNUT
19	0101DRL	1	CP 32 A ROCK DRILL
20	7009TAB	4	STAINLESS STEEL SHIM (AS NEEDED)
21	7013TAB	4	22 GA. SHIM (AS NEEDED)
22	7012TAB	4	18 GA. SHIM (AS NEEDED)
23	7011TAB	4	12 GA. SHIM (AS NEEDED)
24	70105TAB	4	3/16" SHIM (ROLLER BRG. AXLE)
25	2526 BLT	8	5/16" NC X 1.50" HX HD BOLT
26	CRA0233	4	ROLLER BEARING DRUM
27	CRA0234	4	ROLLER BEARING AXLE
27A	CRA0230	8	BEARING KEEPER
27B	2841 WAS	8	5/8" MACHINERY BUSHING (10 GAGE)

210B QMP VACUUM SYSTEM ASSEMBLY - PAGE 01



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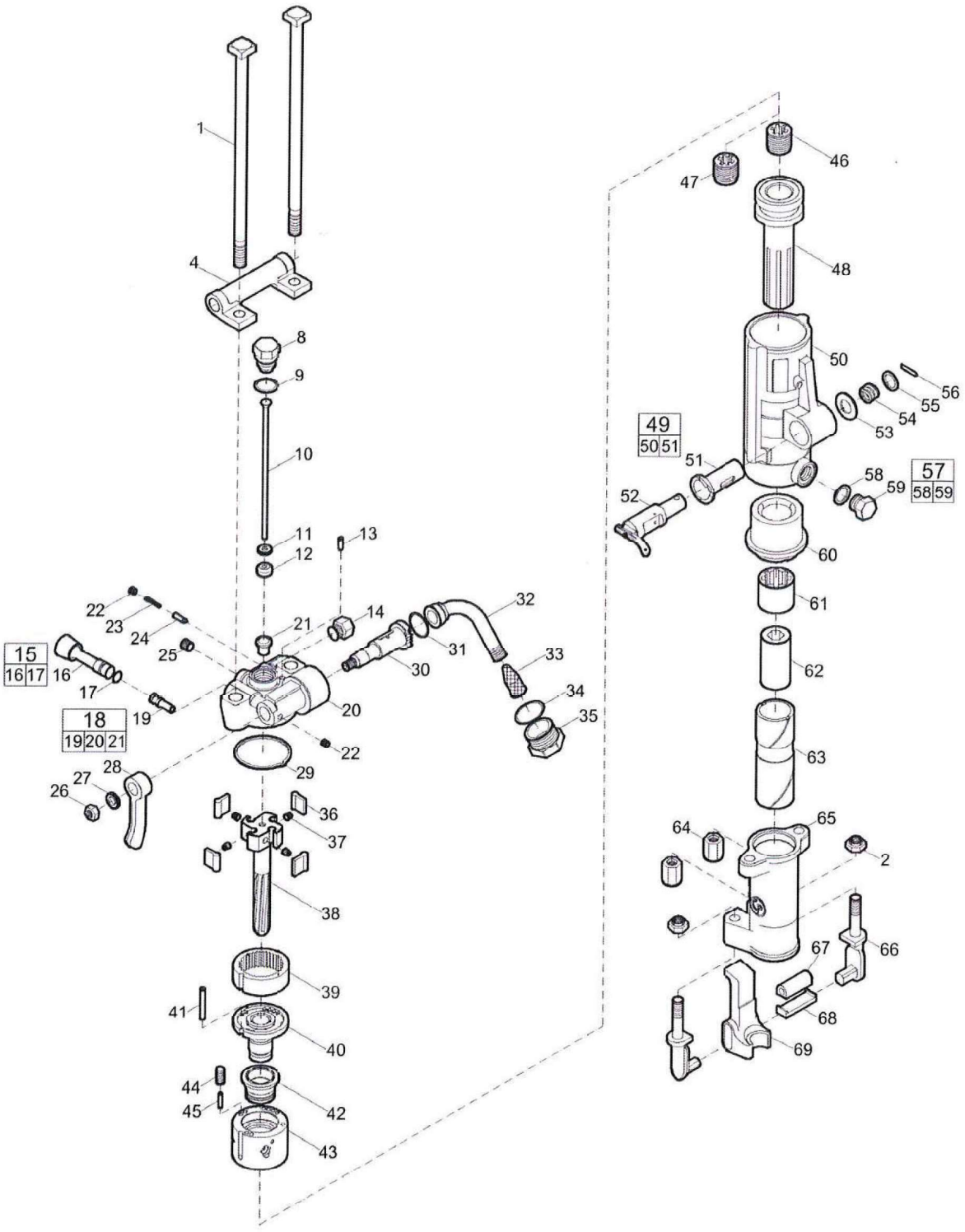
96960Q MIS ASSEMBLY

210B QMP VACUUM SYSTEM ASSEMBLY - PAGE 02

Item No.	Part No.	Quantity	Description
1	FNG80990	1	210B DRILL
2	2103PFT	1	3/4' PIPE TEE
3	2114PFT	1	3/4' X 1 1/2" NIPPLE
4	160101L	1	3/4" PINT OILER
5	H0S1501	1	MANIFOLD TO DRILL MOTOR HOSE 30"
6	2155 PFT	1	STREET ELL, 3/4" NPT
7	2006FIT	1	3/4" MALE PIPE TO QUICK COUPLER
8	MFA069900Q	1	210B VAC FRAME (QMP)
9	MFA069905_01	2	FRAME CLAMP SHORT
10	2734NUT	6	1/2" NC NYLON INSERT LOCKNUT
11	MFA069913	1	DUST COLLECTOR HEAD
12	2521 BLT	2	5/16-18 X 1" SET SCREW
13	2717 NUT	3	5/16 UNC HEX NUT (ZP, GR. 5)
14	190406 H0S	1	3" COLLECTOR HOSE (2" LONG PIECE)
15	19503 CLP	1	WORM GEAR HOSE CLAMP (3 - 4")
16	19045 H0S	2	2" 90 DEG. SILICONE HOSE COUPLER
17	MFA069914	2	90 DEG. ELBOW CLAMP
18	195025 CLP	4	WORM GEAR HOSE CLAMP (1-1/2" - 2-1/2")
19	MFA069910_12	2	DUST HEAD ROUND TUBE
20	MFA069902Q	1	ADAPTER - LIFTING BALE - DUST COLLECTION
21	MFA069904_01	1	RAISE/LOWER LEVER - DUST COLLECTION
22	18206GR0	1	LEVER GRIP
23	30221 PIN	1	1/8" X 1-1/4" COTTER PIN
24	2830 WAS	1	1/2" STD. FLAT WASHER
25	MFA069906_01	2	FRAME CLAMP LONG
26	2562 BLT	2	1/2" NC X 1.50" HX HD TAP BOLT
27	2536 BLT	1	5/16" NC X 8.00" HX HD BOLT
28	3031PIN	1	LANYARD W/TAB ONE END
29	2716NUT	2	1/4" NC NYLON LOCK NUT
30	3029PIN	1	LOCK PIN
31	MFA069902Q_02	1	BOLT ON BLOCK
32	25072 BLT	1	1/4" NC X 1.75" HX HD BOLT
33	MFA069903	1	SET SCREW - DUST COLLECTION
34	9695Q MIS	1	MICRO QMP VACUUM
35*	19255 H0S	1	2" VACUUM HOSE

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 7⁄8" x 3¼"

(L)OCAL REMARKS

A | 5/8" - 11

B | 1/8"

C | 1/4"