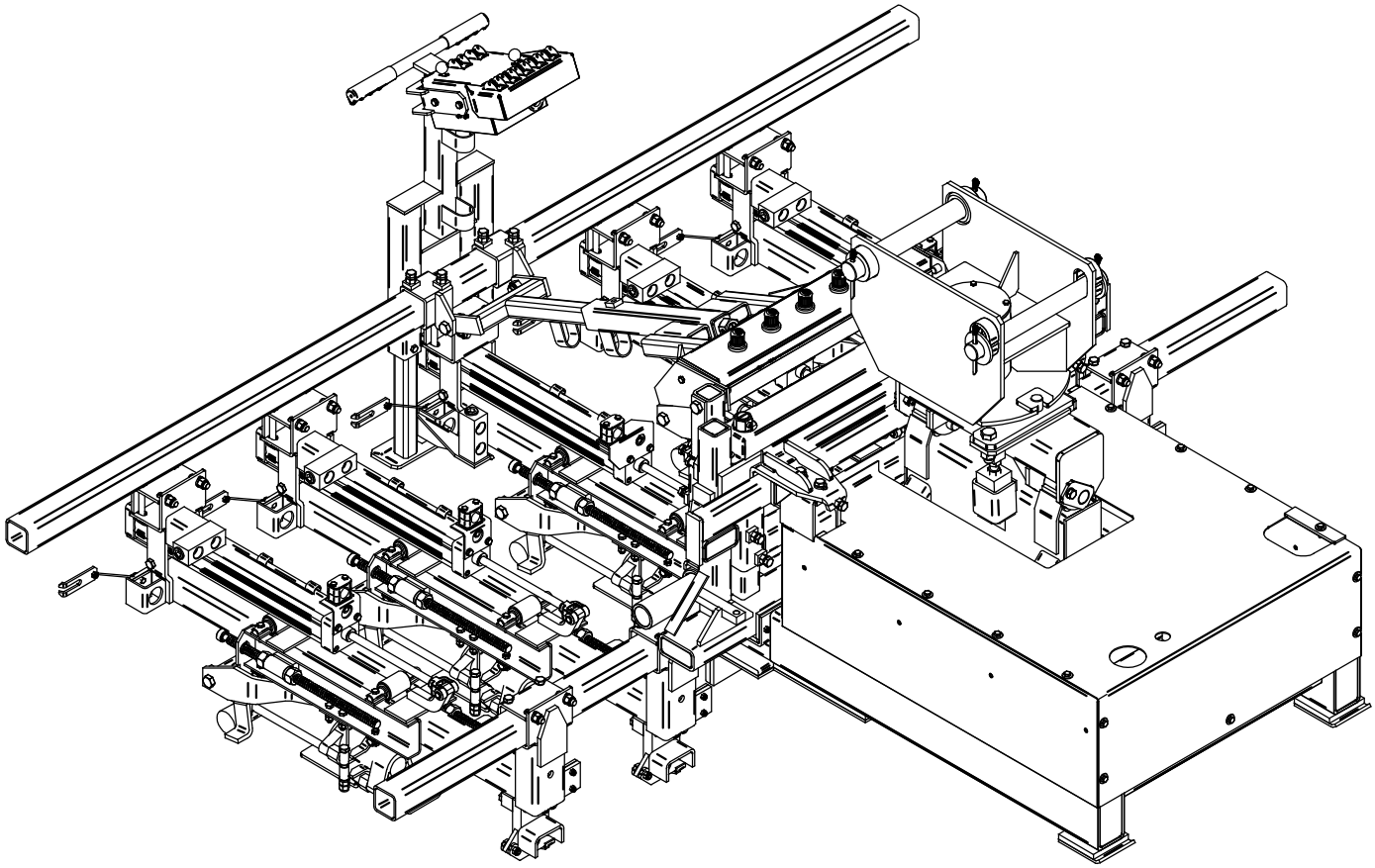
MODEL 210-3, -4, -5 EQ MT

FNG8022, FNG8023, AND FNG8024



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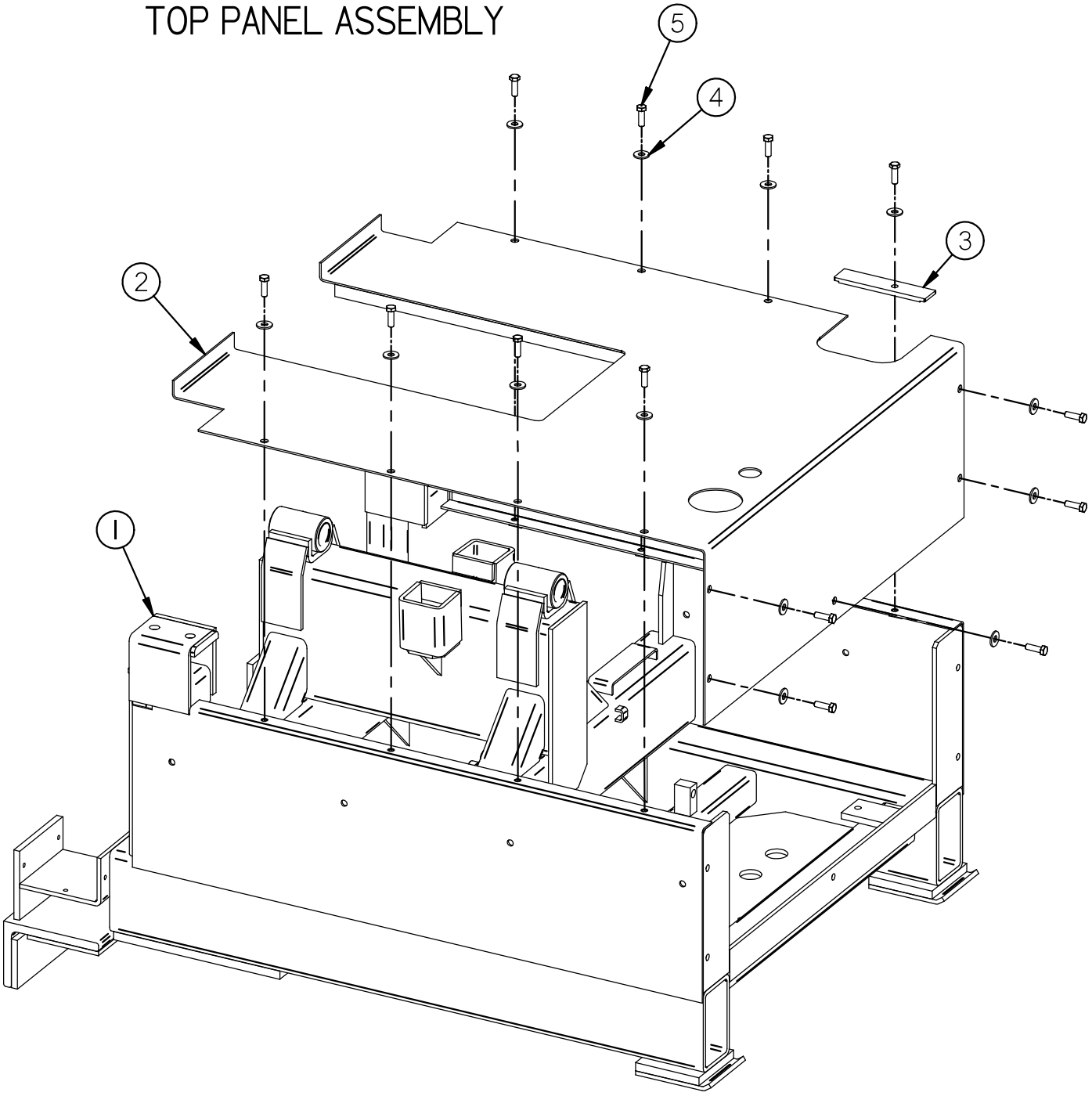
TOP PANEL ASSEMBLY

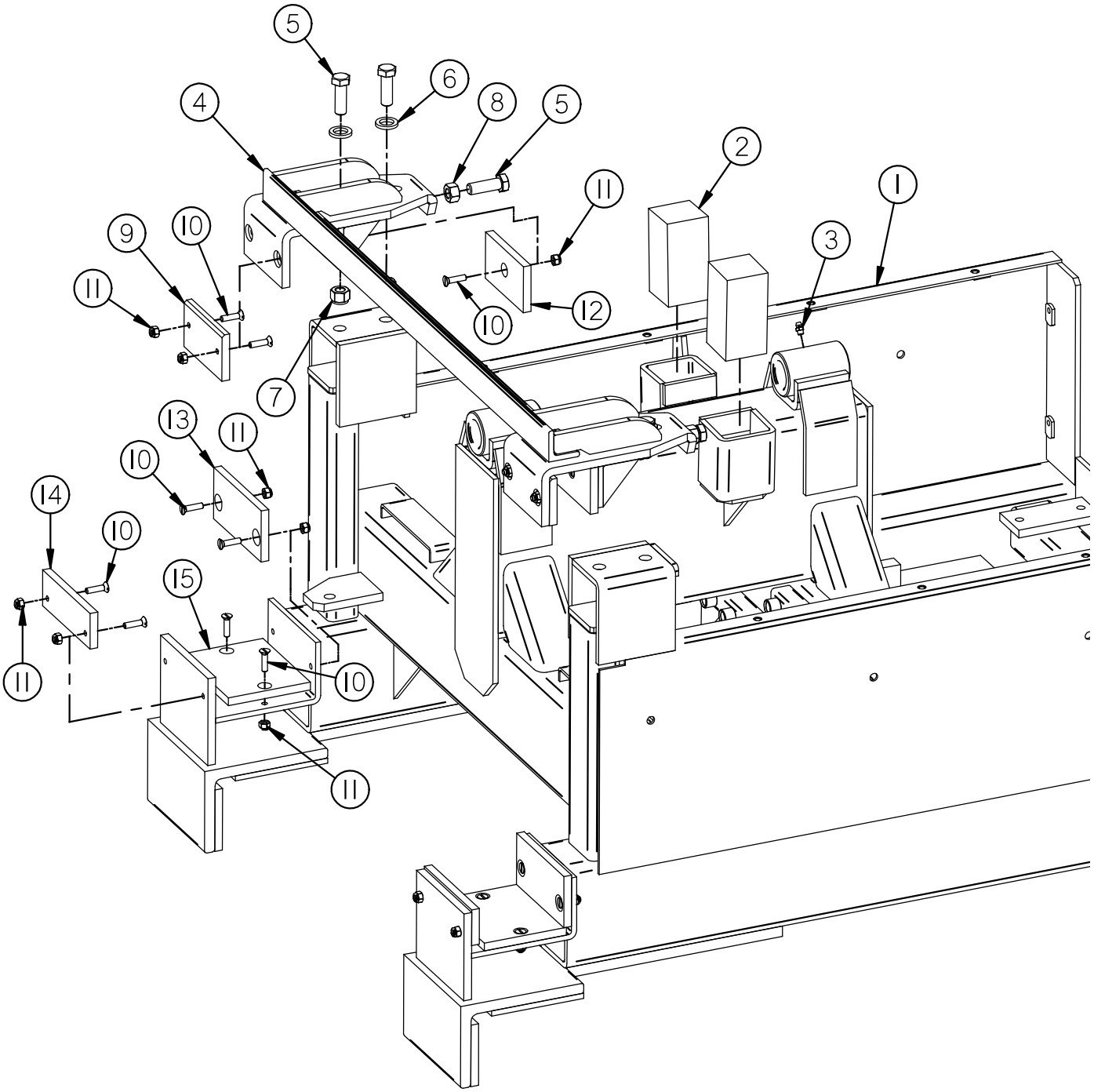


Item No.	Part No.	Quantity	Description
1	HYD3001	1	MAIN FRAME (210-3, -4, -5 EQ. MT.)
2	HYD3031	1	COVER ASSEMBLY (210-3, -4, -5 EQ. MT.)
3	HYD30310	1	TOP PANEL TIE DOWN
4	2800 WAS	13	5/16" FLAT WASHER
5	2520 BLT	13	5/16" NC X 1.00" HX HD BOLT

5-30-2018

FNG8022-10

WEAR SLIDE ASSEMBLY



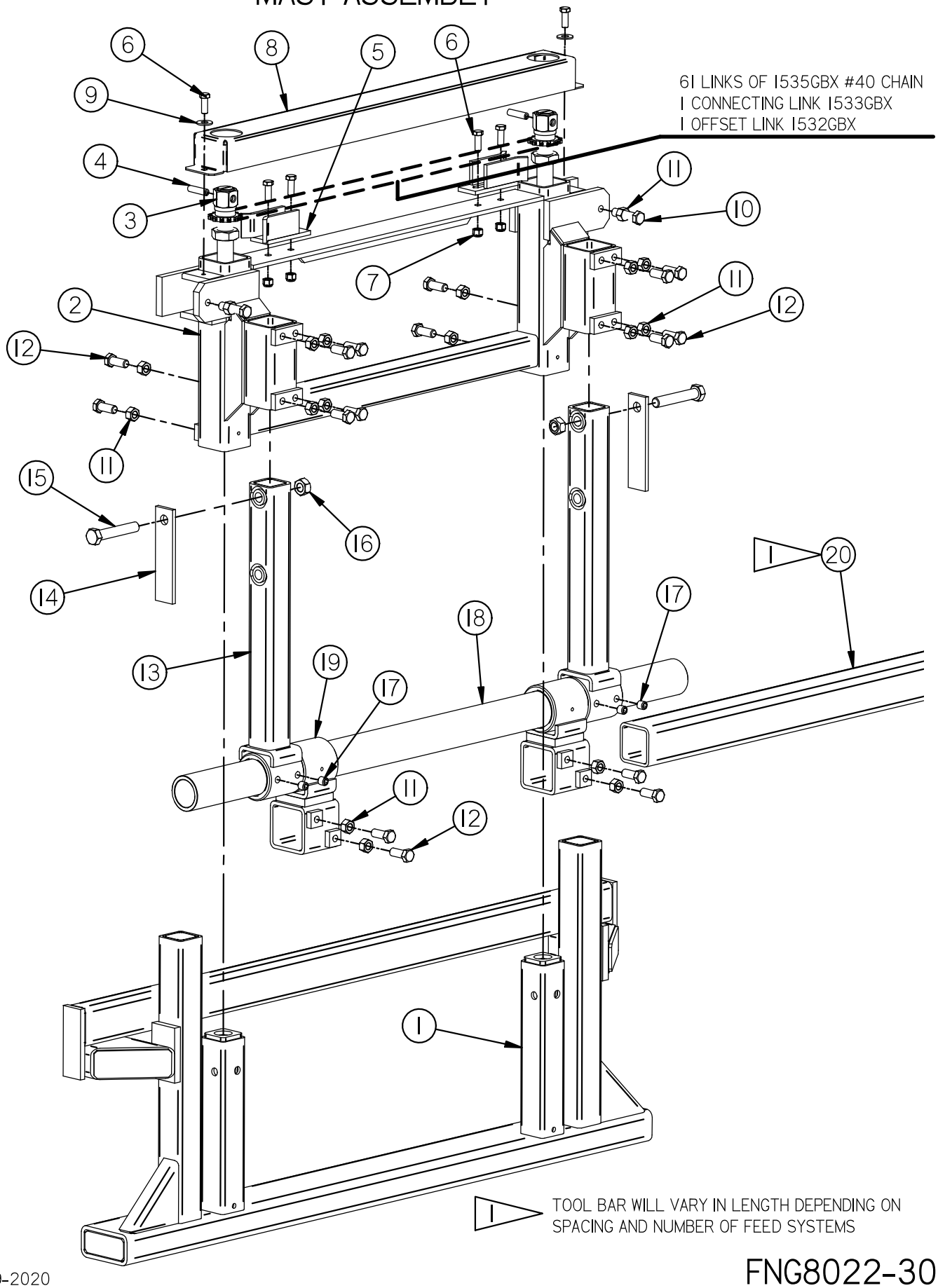
6-8-2018

FNG8022-20

WEAR SLIDE ASSEMBLY

Item No.	Part No.	Quantity	Description
1	HYD3001	1	MAIN FRAME (210-3, -4, -5 EQ. MT.)
2	42099 MIS	2	2" X 2" X 4" URETHANE BUSHING
3	9501 MIS	2	1/4-28 NF ST. GREASE ZERK
4	HYD3025	1	MAST HOLD
5	2562 BLT	6	1/2" NC X 1.50" HX HD TAP BOLT
6	2841 WAS	4	5/8" MACHINERY BUSHING (10 GAUGE)
7	2734NUT	4	1/2" NC NYLON INSERT LOCKNUT
8	2732 NUT	2	1/2" NC STANDARD NUT
9	HYD302202	2	WEAR PAD 4" X 2-1/4"
10	25030 BLT	18	1/4 NC X 1.0" BRASS FLT. HD. MACH. SCREW
11	2716NUT	18	1/4" NC NYLON LOCK NUT
12	HYD302203	2	NYLON WEAR PAD 4" X 2.25"
13	HYD302201	2	NYLON WEAR PAD 5" X 2.50"
14	HYD302200	2	NYLON WEAR PAD 5" X 1.75"
15	HYD3022	2	NYLON WEAR PAD 4" X 5"

MAST ASSEMBLY



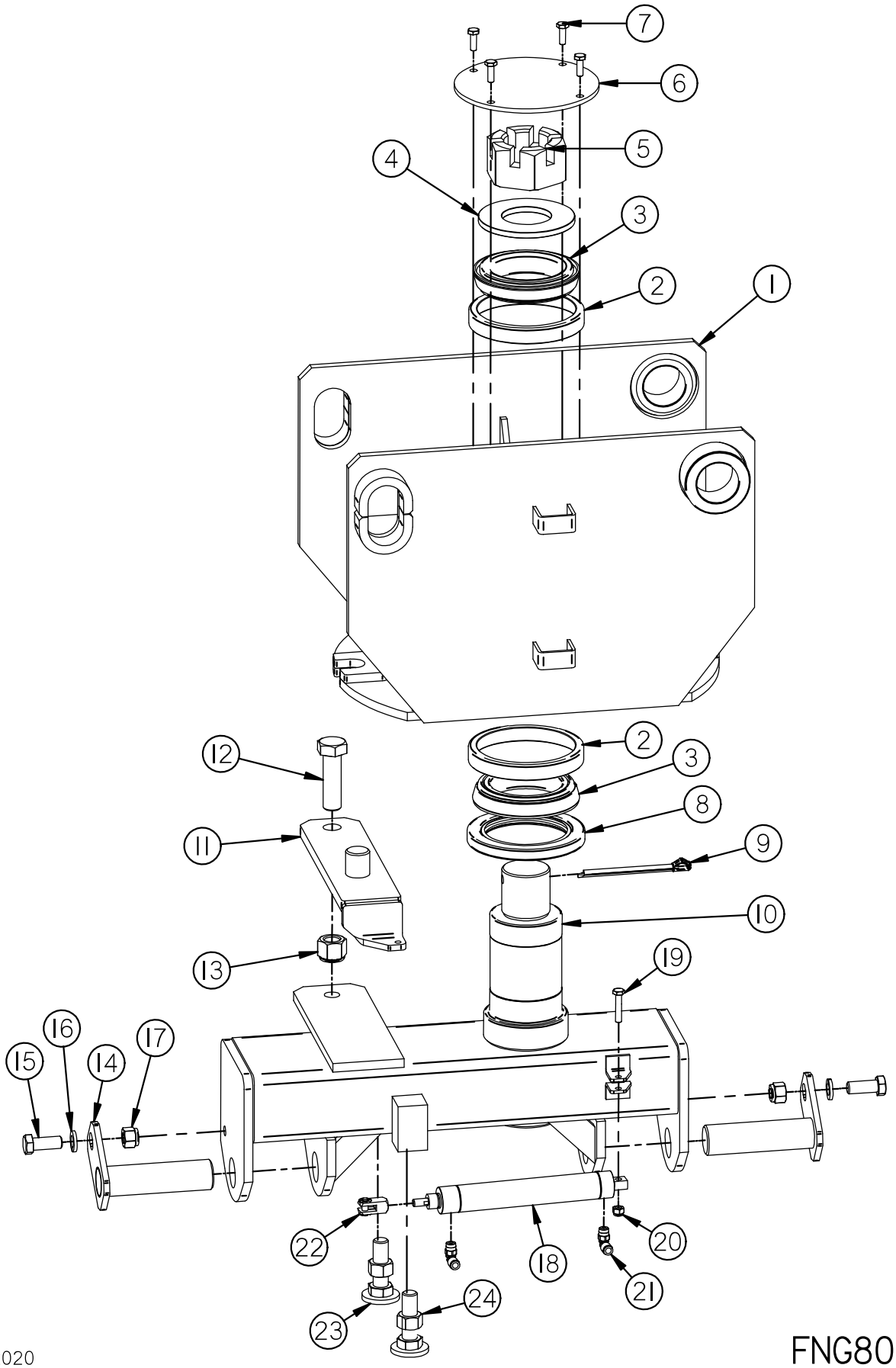
6-19-2020

FNG8022-30

MAST ASSEMBLY

Item No.	Part No.	Quantity	Description
1	HYD3002	1	SLIDE MAST
2	HYD3035	1	EQUIPMENT MOUNT MAST
3	HYD3023	2	SCREW JACK
4	3006PIN	2	3/8" X 1 1/2" ROLL PIN
5	SRS1624	2	MULTIGANG CHAIN TIGHTENER
6	2538 BLT	6	3/8" NC X 1.00" HX HD BOLT
7	2727NUT	4	3/8" NC NYLON INSERT LOCKNUT
8	HYD3016	1	30.75" LG CHAIN COVER
9	2820 WAS	2	3/8" FLAT WASHER
10	25630 BLT	2	1/2" NC X 2.00" HX HD TAP BOLT
11	2732 NUT	18	1/2" NC STANDARD NUT
12	2560BLT	16	1/2" NC X 1.25" HX HD BOLT
13	HYD303301	2	MAST EXTENSION BODY 5"
14	HYD30251	2	MAST EXTENSION STRAP
15	2585 BLT	2	5/8" NC X 3.50" HX HD BOLT
16	2742 NUT	2	5/8" NC TOP LOCKNUT
17	25590 BLT	4	1/2" -13NC X 1/2" LG. SET SCREW
18	SRS1634	1	UPPER TOOL BAR, 210-3, -4, -5 EQ. MT.
19	SRS1635	2	HINGE, 2.25" TOOL BAR
20	SRS1649	1	2-1/2" SQ. TOOL BAR

SWIVEL CLEVIS ASSEMBLY



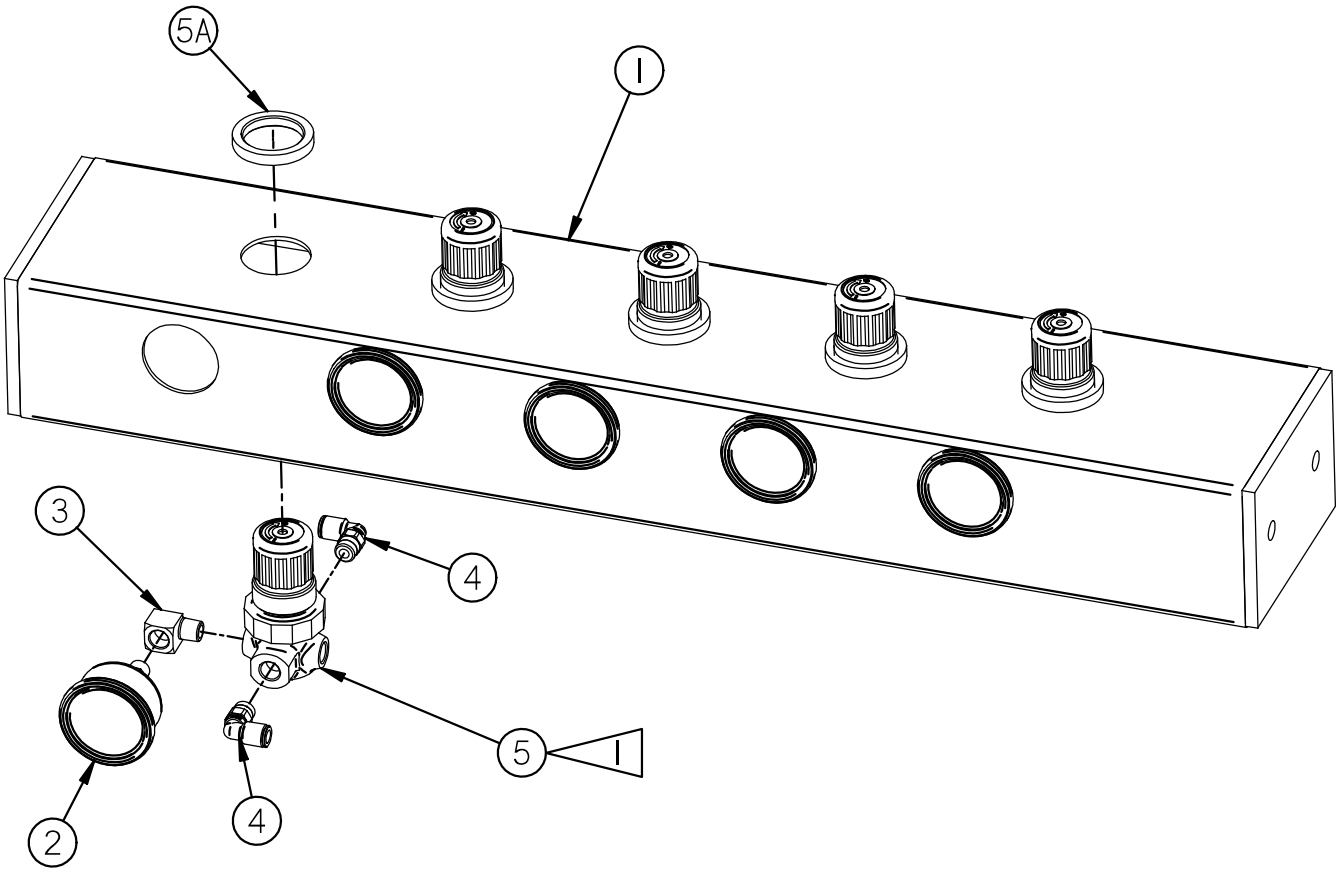
7-14-2020

FNG8022-40

SWIVEL CLEVIS ASSEMBLY

Item No.	Part No.	Quantity	Description
1	HYD3004	1	EQUIPMENT MOUNT SWIVEL
2	04090BRG	2	TAPERED ROLLER BEARING CUP
3	0409BRG	2	TAPERED ROLLER BEARING CONE
4	HYD30050	1	SWIVEL CLEVIS WASHER
5	2760NUT	1	CASTLE NUT (2 - 12 UN)
6	HYD3008	1	SWIVEL CLEVIS CAP
7	2501BLT	4	1/4" NC X .75" HX HD BOLT
8	04091BRG	1	DOUBLE LIP SEAL (3.50 X 4.875 X .50)
9	30227PIN	1	5/16" X 4" COTTER PIN
10	HYD3005	1	SWIVEL CLEVIS (EQ. MT. CLEVIS)
11	HYD3009	1	SWIVEL LOCK
12	2599BLT	1	3/4" NC X 2.50" HX HD BOLT
13	2749NUT	1	3/4" NC NYLON LOCK NUT
14	HYD3006	2	SWIVEL PIN
15	2560BLT	2	1/2" NC X 1.25" HX HD BOLT
16	2832 WAS	2	1/2" LOCK WASHER
17	2734NUT	2	1/2" NC NYLON INSERT LOCKNUT
18	05046 CYL	1	SWIVEL LOCK CYLINDER
19	2505 BLT	1	1/4" NC X 1.25" HX HD BOLT
20	2716NUT	1	1/4" NC NYLON LOCK NUT
21	2050 FIT	2	1/4" TUBE X 1/8 NPT 90 DEG SWIVEL
22	05000 CYL	1	CYLINDER CLEVIS & PIN
23	HYD30291	2	LEVELING FOOT
24	2740 NUT	2	5/8" NC STD. HEX NUT

REGULATOR BOX ASSEMBLY



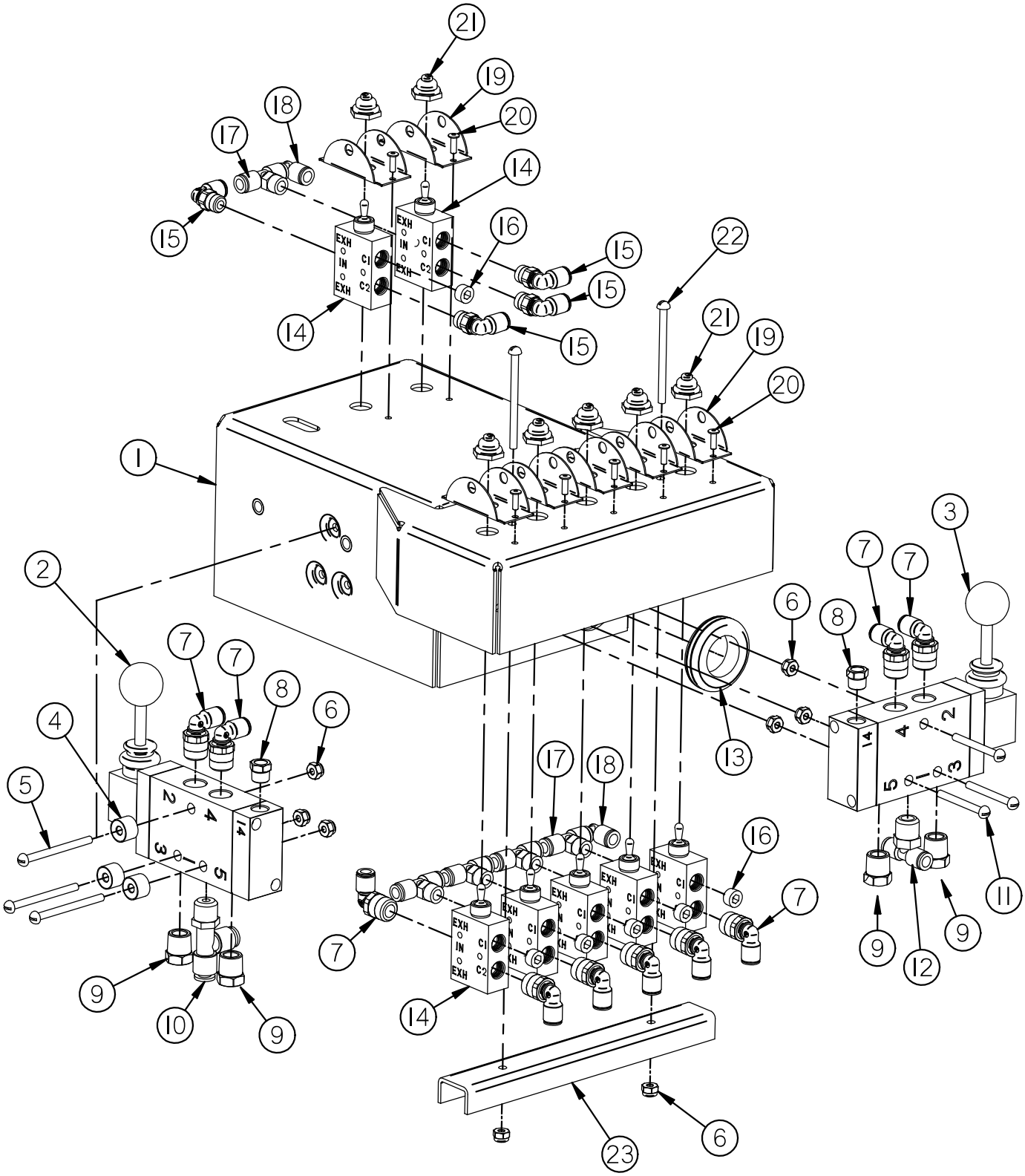
Item No.	Part No.	Quantity	Description
1	HYD30100	1	REGULATOR CONTROL BOX
2	09022 GAU	5	0-60 PSI FILLED GAUGE (1/8 NPT M)
3	2153 PFT	5	1/8" NPT 90 DEG. BRASS ELBOW
4	2050 FIT	10	1/4" TUBE X 1/8 NPT 90 DEG SWIVEL
5	081010 REG	5	5-125 PSI REGULATOR (1/8 NPT)
5A	17060 RPT	5	REGULATOR LOCK RING

1 ITEM REF. NO. 5
INCLUDES ITEM REF. NO. 5A

7-15-2020

FNG8022-50

CONTROL PANEL ASSEMBLY



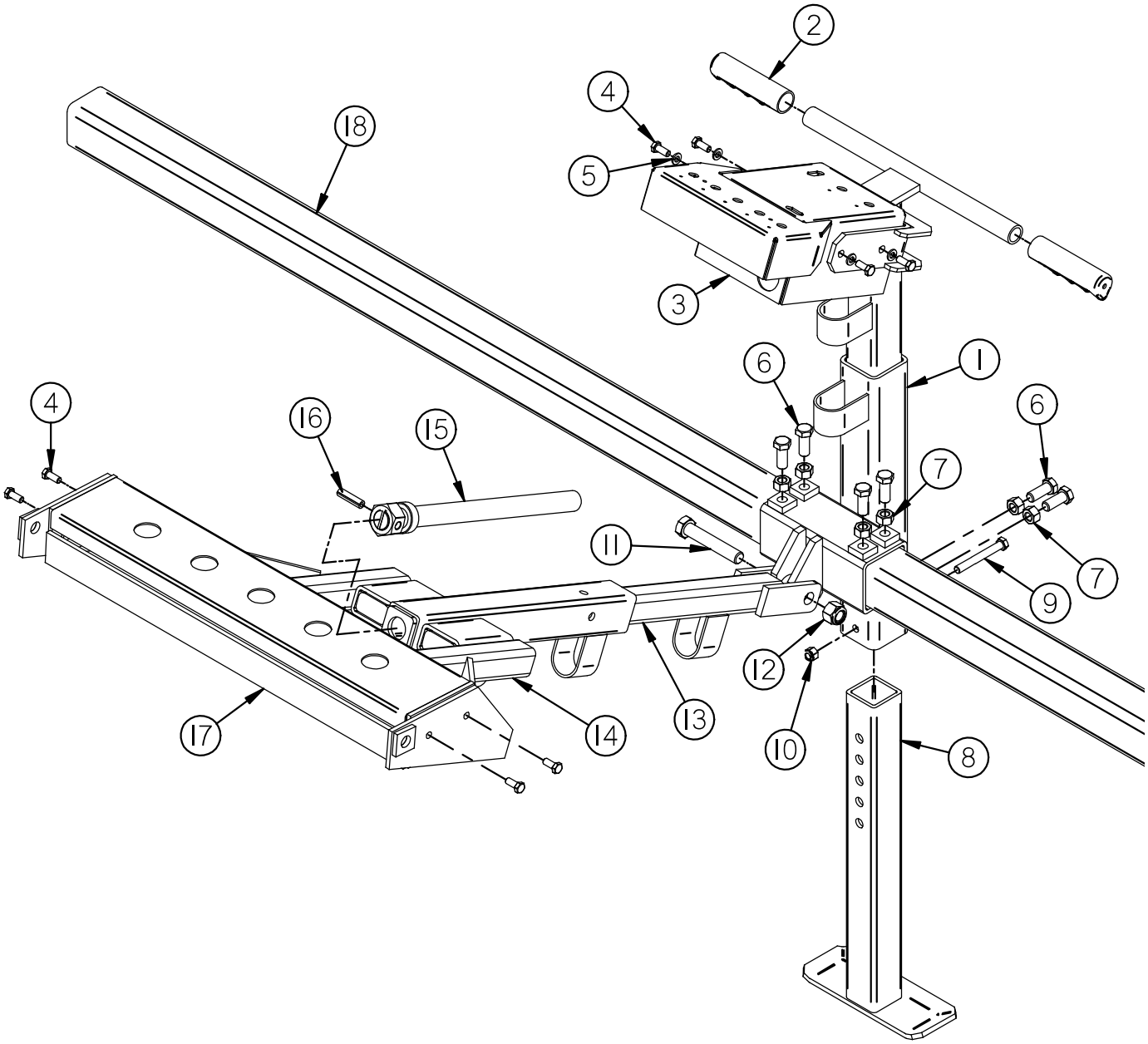
8-25-2020

FNG8022-60

CONTROL PANEL ASSEMBLY

Item No.	Part No.	Quantity	Description
1	HYD3010	1	CONTROL PANEL (210-3, -4, -5 EQ. MT.)
2	060101 VAL	1	3-WAY DETENTED FEED VAVLE
3	060100 VAL	1	3-WAY SPRG CTR'D SIDE SHIFT VAVLE
4	HYD30321	3	VALVE SPACER
5	24780 BLT	3	8/32" X 2" BOLT
6	2712NUT	8	NO. 8-32 UNC NYLON INSERT LOCKNUT
7	2051 FIT	10	1/4" TUBE X 1/4" NPT 90 DEG. SWIVEL
8	1001 BRV	2	1/8" NPT BREATHER VENT
9	1002 BRV	4	1/4" NPT BREATHER VENT
10	2035FIT	1	1/4" X 1/4" MALE RUN T
11	2478BLT	3	NO. 8-32 UNC X 1 1/2" MACH. SCREW
12	2041 FIT	1	1/4" BRANCH T
13	18030 GRO	1	GROMMET (1-3/4" OD X 1" ID)
14	06095 VAL	7	2-POSITION 4-WAY DETENTED TOGGLE VALVE
15	2050 FIT	4	1/4" TUBE X 1/8 NPT 90 DEG SWIVEL
16	21010PFT	6	1/8" PIPE PLUG - SOCKET HD.
17	20410 FIT	5	1/4" TUBE X 1/8" NPT BRANCH T
18	20580 FIT	2	1/4" PLUG IN ELBOW
19	182800 GRO	7	TOGGLE SWITCH GUARD
20	3070 PIN	7	1/8" X .40" LG. AL POP RIVET (BTN HD)
21	1828 GRO	7	RED BOOT FOR 06095VAL
22	247800 BLT	2	8/32" X 3" BOLT
23	HYD30320	1	VALVE SUPPORT BRACKET

HORIZONTAL ADJUSTMENT ASSEMBLY
FOR 210-4 EQ. MT.



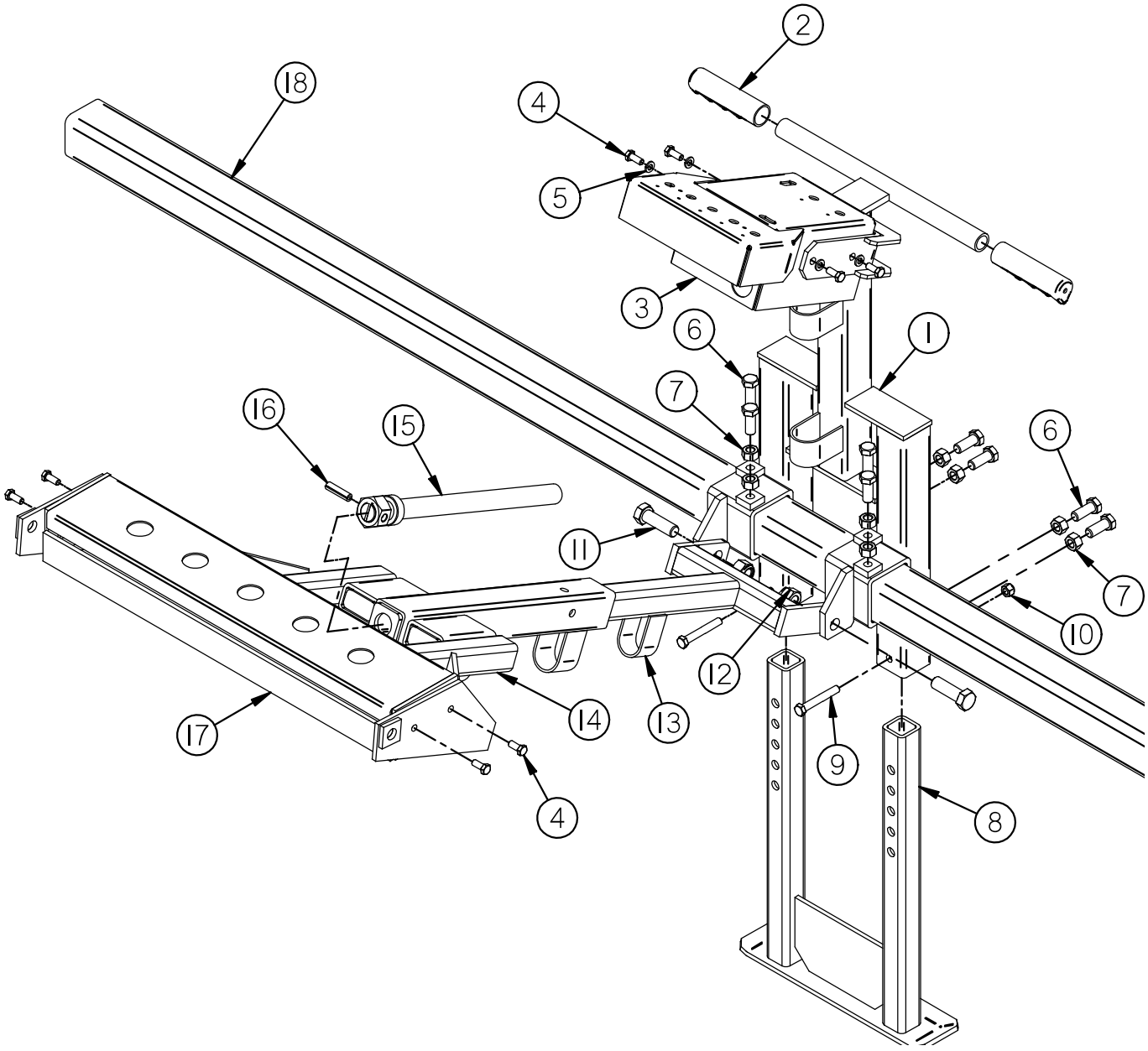
8-28-2020

FNG8022-70

HORIZONTAL ADJUSTMENT ASSEMBLY
FOR 210-4 EQ. MT.

Item No.	Part No.	Quantity	Description
1	HYD3019	1	SHIFT CONTROL HANDLE HYDRAULIC
2	1820GRO	2	HANDLE GRIP
3	HYD3010	1	CONTROL PANEL (210-3, -4, -5 EQ. MT.)
4	2519 BLT	8	5/16" NC X .75" HX HD BOLT
5	2810 WAS	4	5/16" LOCK WASHER
6	2560BLT	6	1/2" NC X 1.25" HX HD BOLT
7	2732 NUT	6	1/2" NC STANDARD NUT
8	HYD3020	1	STORAGE FOOT
9	2547 BLT	1	3/8" NC X 3.00" HX HD BOLT
10	2727NUT	1	3/8" NC NYLON INSERT LOCKNUT
11	2585 BLT	1	5/8" NC X 3.50" HX HD BOLT
12	2743NUT	1	5/8" NC NYLON LOCK NUT
13	HYD30121	1	LOWER ADJUSTING HORIZONTAL ARM
14	HYD30110	1	UPPER ADJUSTING HORIZONTAL ARM
15	HYD30230	1	SCREW JACK ASSY.
16	3006PIN	1	3/8" X 1 1/2" ROLL PIN
17	HYD30100	1	REGULATOR CONTROL BOX
18	SRS1649	1	2-1/2" SQ. TOOL BAR

HORIZONTAL ADJUSTMENT ASSEMBLY
FOR 210-3 AND 210-5 EQ. MT.



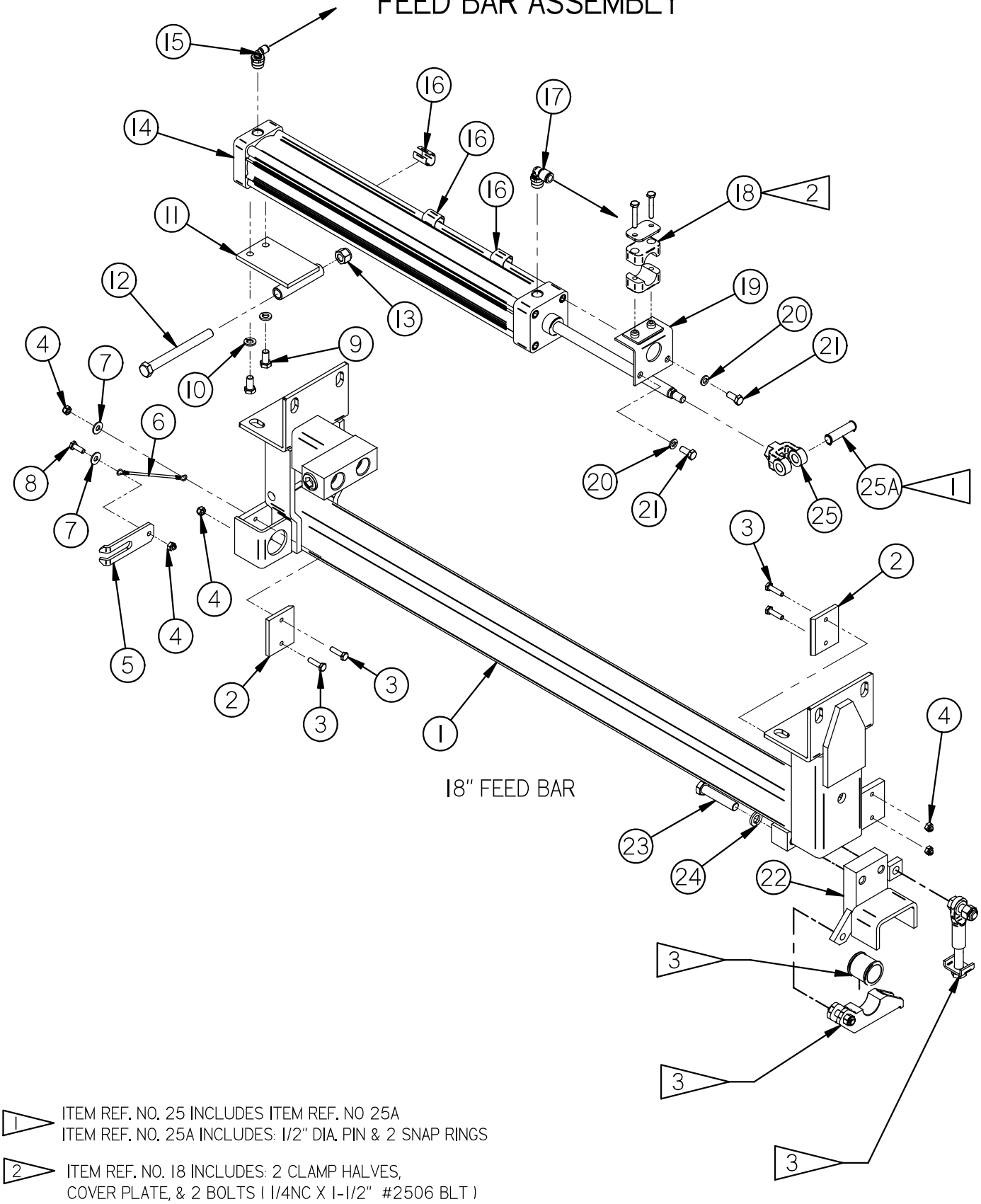
8-28-2020

FNG8022-80

HORIZONTAL ADJUSTMENT ASSEMBLY
FOR 210-3 AND 210-5 EQ. MT.

Item No.	Part No.	Quantity	Description
1	HYD3018	1	SHIFT CONTROL HANDLE
2	1820GRO	2	HANDLE GRIP
3	HYD3010	1	CONTROL PANEL (210-3, -4, -5 EQ. MT.)
4	2519 BLT	8	5/16" NC X .75" HX HD BOLT
5	2810 WAS	4	5/16" LOCK WASHER
6	2560BLT	8	1/2" NC X 1.25" HX HD BOLT
7	2732 NUT	8	1/2" NC STANDARD NUT
8	HYD3021	1	STORAGE FOOT
9	2546 BLT	2	3/8" NC X 2.50" HX HD BOLT
10	2727NUT	2	3/8" NC NYLON INSERT LOCKNUT
11	2582 BLT	2	5/8" NC X 2.00" HX HD BOLT
12	2743NUT	2	5/8" NC NYLON LOCK NUT
13	HYD30120	1	LOWER ADJUSTING HORIZONTAL ARM
14	HYD30110	1	UPPER ADJUSTING HORIZONTAL ARM
15	HYD30230	1	SCREW JACK ASSY.
16	3006PIN	1	3/8" X 1 1/2" ROLL PIN
17	HYD30100	1	REGULATOR CONTROL BOX
18	SRS1649	1	2-1/2" SQ. TOOL BAR

FEED BAR ASSEMBLY



1 ITEM REF. NO. 25 INCLUDES ITEM REF. NO 25A
ITEM REF. NO. 25A INCLUDES: 1/2" DIA. PIN & 2 SNAP RINGS

2 ITEM REF. NO. 18 INCLUDES: 2 CLAMP HALVES,
COVER PLATE, & 2 BOLTS (1/4NC X 1-1/2" #2506 BLT)

3 SEE PAGE "FEED BAR SWIVEL BOLT & DRILL STEM BUSHINGS"

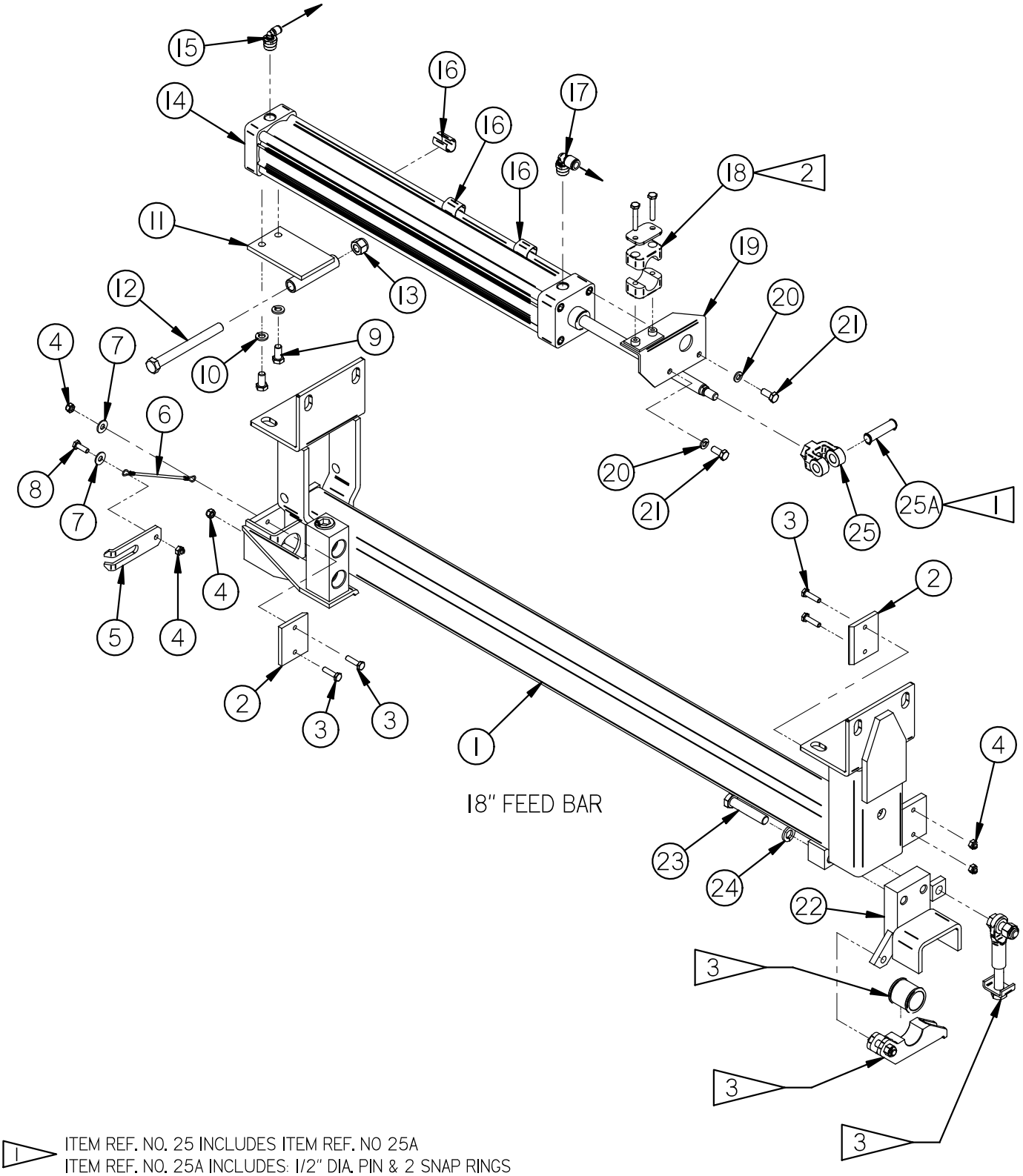
9-3-2020

FNG8022-90

FEED BAR ASSEMBLY

Item No.	Part No.	Quantity	Description
1	SRS163300	1	18" DEPTH FEED BAR, 210-3, -4, -5 EQ. MT. (BOLT ON)
2	MFA0626	2	STOP PAD
3	2503BLT	4	1/4" NC X 1.00" BOLT, GR. 5
4	2716NUT	5	1/4" NC NYLON LOCK NUT
5	CRA0218	1	CARRIAGE LOCK
6	3030PIN	1	6" LANYARD WITH LOOPS
7	2801 WAS	2	1/4" FLAT WASHER
8	2501BLT	1	1/4" NC X .75" HX HD BOLT
9	2537 BLT	2	3/8" NC X .75" HX HD BOLT
10	2821 WAS	2	3/8" LOCK WASHER
11	MFA0625	1	MOUNT, FEED CYLINDER
12	2575 BLT	1	1/2" NC X 5.00" HX HD BOLT
13	2734NUT	1	1/2" NC NYLON INSERT LOCKNUT
14	0514157 CYL	1	PNEUMATIC CYLINDER 2.50 X 20" STROKE
15	2052 FIT	1	1/4" TUBE X 3/8" NPT 90 DEG. SWIVEL
16	MFA06246	3	CYL CLIP (TUBING GUIDE)
17	2054 FIT	1	3/8" TUBE X 3/8" NPT 90 DEG. SWIVEL
18	192309 HOS	1	1" HOSE CLAMP ASSEMBLY
19	SRS16800	1	BRACKET, 1" HOSE MOUNT
20	2810 WAS	2	5/16" LOCK WASHER
21	2516 BLT	2	5/16" NF X .75" HX HD BOLT
22	MFA06310	1	UPPER BIT GUIDE - BOLT ON
23	2564 BLT	2	1/2" NC X 2.50" HX HD BOLT
24	2832 WAS	2	1/2" LOCK WASHER
25	0501 CYL	1	CYLINDER CLEVIS (1/2" PIN X 7/16 NF THREAD) W/ PIN ASSEMBLY
25A	3002 PIN	1	CLEVIS PIN ASSY (1/2")

CENTER FEED BAR ASSEMBLY FOR 210-3 AND 210-5 EQ. MT.



1 ITEM REF. NO. 25 INCLUDES ITEM REF. NO 25A
ITEM REF. NO. 25A INCLUDES: 1/2" DIA. PIN & 2 SNAP RINGS

2 ITEM REF. NO. 18 INCLUDES: 2 CLAMP HALVES,
COVER PLATE, & 2 BOLTS (1/4NC X 1-1/2" #2506 BLT)

3 SEE PAGE "FEED BAR SWIVEL BOLT & DRILL STEM BUSHINGS"

9-8-2020

FNG8022-100

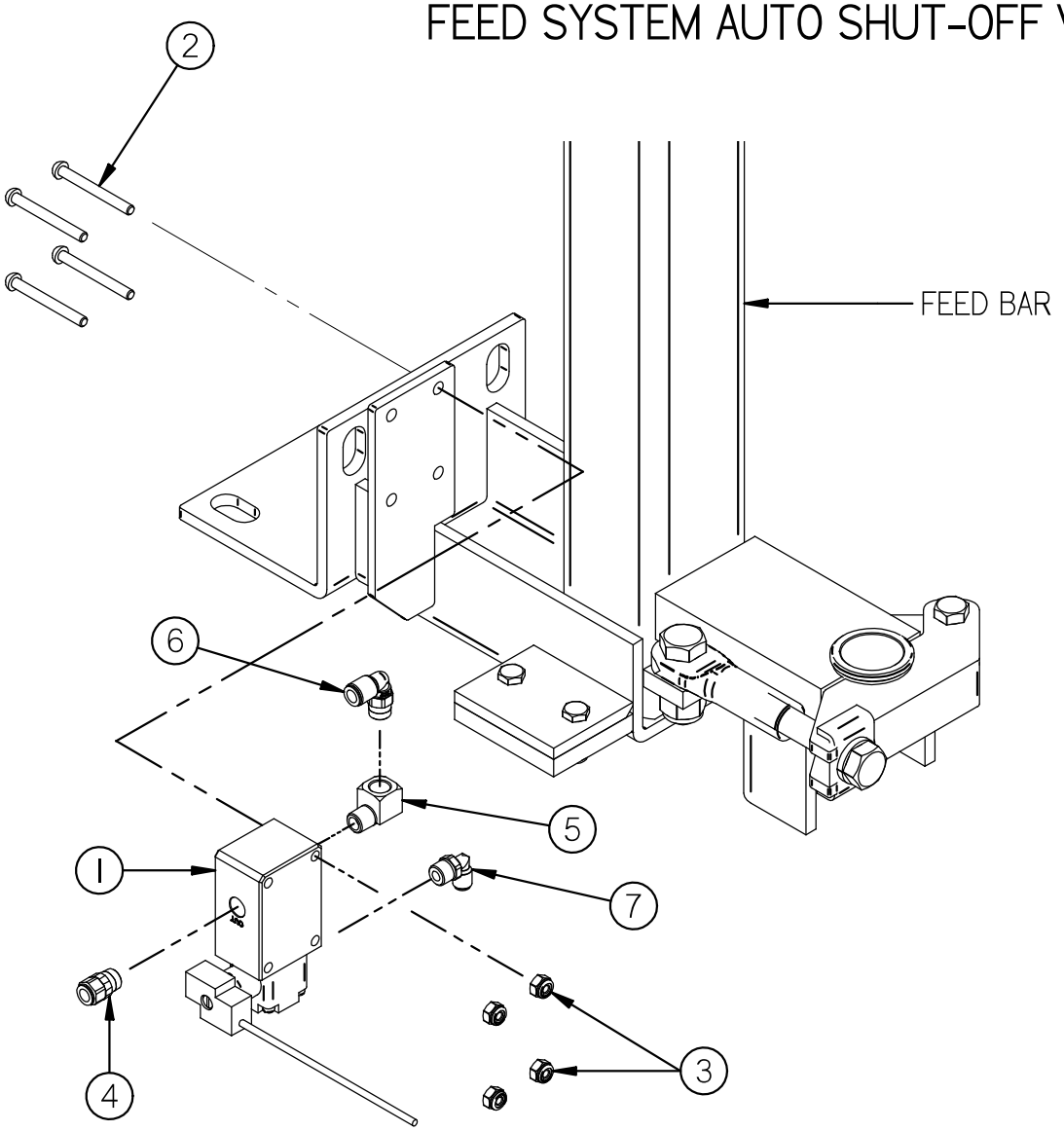
CENTER FEED BAR ASSEMBLY FOR 210-3 AND 210-5 EQ. MT.

Item No.	Part No.	Quantity	Description
1	SRS163250	1	CENTER 18" DEPTH FEED BAR, 210-3, -4, -5 EQ. MT. (BOLT ON)
2	MFA0626	2	STOP PAD
3	2503BLT	4	1/4" NC X 1.00" BOLT, GR. 5
4	2716NUT	5	1/4" NC NYLON LOCK NUT
5	CRA0218	1	CARRIAGE LOCK
6	3030PIN	1	6" LANYARD WITH LOOPS
7	2801 WAS	2	1/4" FLAT WASHER
8	2501BLT	1	1/4" NC X .75" HX HD BOLT
9	2537 BLT	2	3/8" NC X .75" HX HD BOLT
10	2821 WAS	2	3/8" LOCK WASHER
11	MFA0625	1	MOUNT, FEED CYLINDER
12	2575 BLT	1	1/2" NC X 5.00" HX HD BOLT
13	2734NUT	1	1/2" NC NYLON INSERT LOCKNUT
14	0514157 CYL	1	PNEUMATIC CYLINDER 2.50 X 20" STROKE
15	2052 FIT	1	1/4" TUBE X 3/8" NPT 90 DEG. SWIVEL
16	MFA06246	3	CYL CLIP (TUBING GUIDE)
17	2054 FIT	1	3/8" TUBE X 3/8" NPT 90 DEG. SWIVEL
18	192309 HOS	1	1" HOSE CLAMP ASSEMBLY
19	SRS16801	1	HOSE MOUNT BRACKET
20	2810 WAS	2	5/16" LOCK WASHER
21	2516 BLT	2	5/16" NF X .75" HX HD BOLT
22	MFA06310	1	UPPER BIT GUIDE - BOLT ON
23	2564 BLT	2	1/2" NC X 2.50" HX HD BOLT
24	2832 WAS	2	1/2" LOCK WASHER
25	0501 CYL	1	CYLINDER CLEVIS (1/2" PIN X 7/16 NF THREAD) W/ PIN ASSEMBLY
25A	3002 PIN	1	CLEVIS PIN ASSY (1/2")

9-8-2020

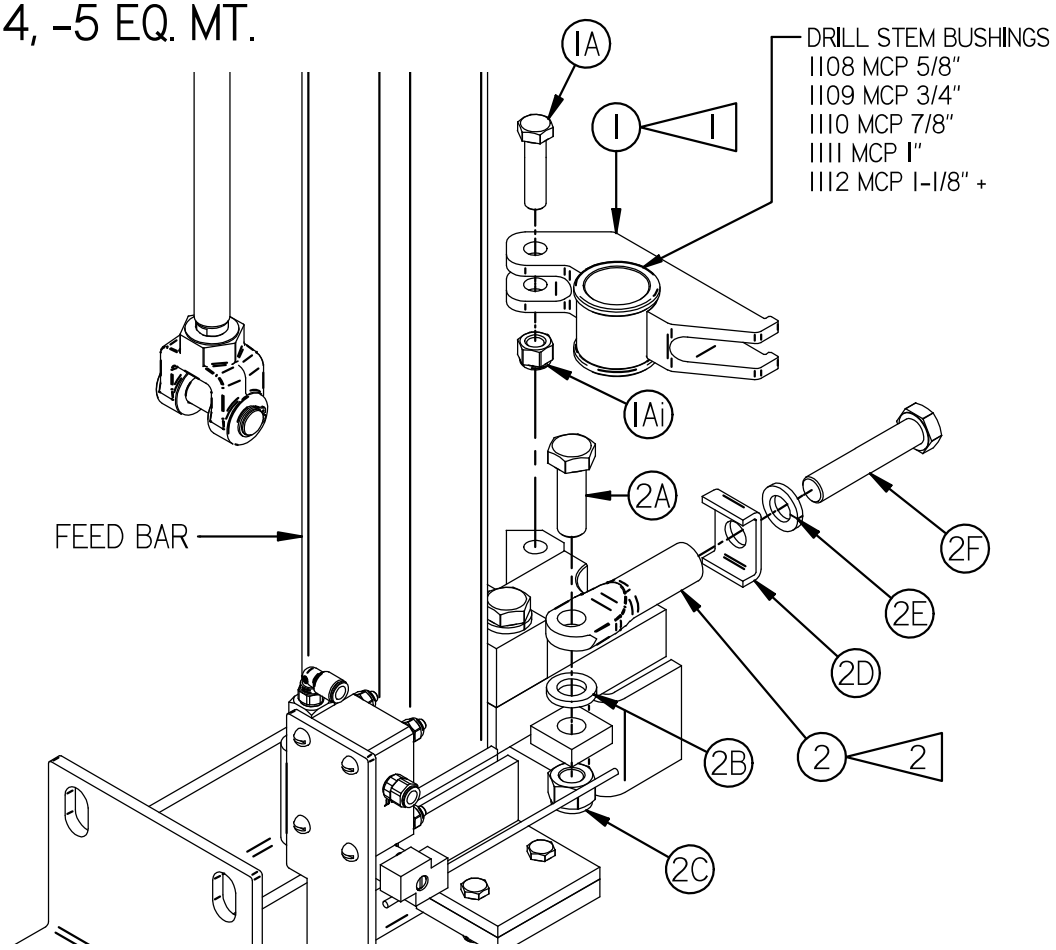
FNG8022-100

FEED SYSTEM AUTO SHUT-OFF VALVE



Item No.	Part No.	Quantity	Description
1	0608 VAL	1	3-PORT PNEUMATIC VALVE
2	2484 BLT	1	#10-24 X 1-3/4" LG. RND HD MACH SCREW
3	2713 NUT	1	#10-24 NYLON LOCK NUT
4	2066 FIT	1	1/4" TUBE X 1/8 NPT MALE CONNECTOR
5	2153 PFT	1	1/8" NPT 90 DEG. BRASS ELBOW
6	2050 FIT	1	1/4" TUBE X 1/8 NPT 90 DEG SWIVEL
7	20751 FIT	1	1/8" TUBE X 1/8" NPT 90 DEG. SWIVEL

FEED BAR SWIVEL BOLT & DRILL STEM BUSHINGS
MODEL 210-3, -4, -5 EQ. MT.



Item No.	Part No.	Quantity	Description
1	MFA0609	1	1.38" LOWER BIT GUIDE
1A	MFA0609 BLT	1	3/8" NC HX HD BOLT
1Ai	2727NUT	1	3/8" NC NYLON INSERT LOCKNUT
2	MFA0674	1	SWIVEL BOLT (1/2-13UNC)
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

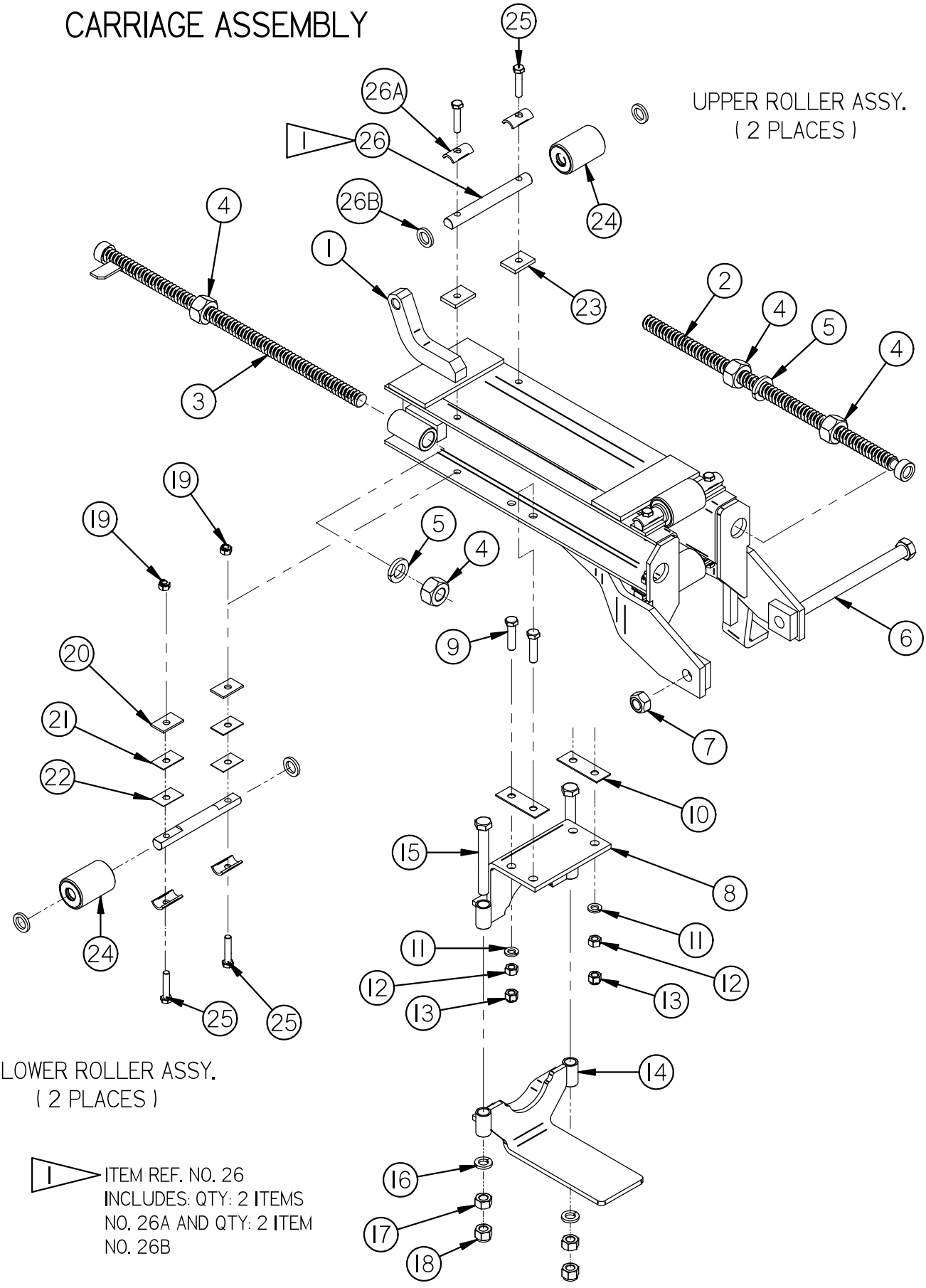
1 ITEM REF. NO.1 INCLUDES ITEM NO 1A
ITEM REF. NO.1A INCLUDES ITEM NO. 1Ai

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

4-24-25

FNG8022-120

CARRIAGE ASSEMBLY



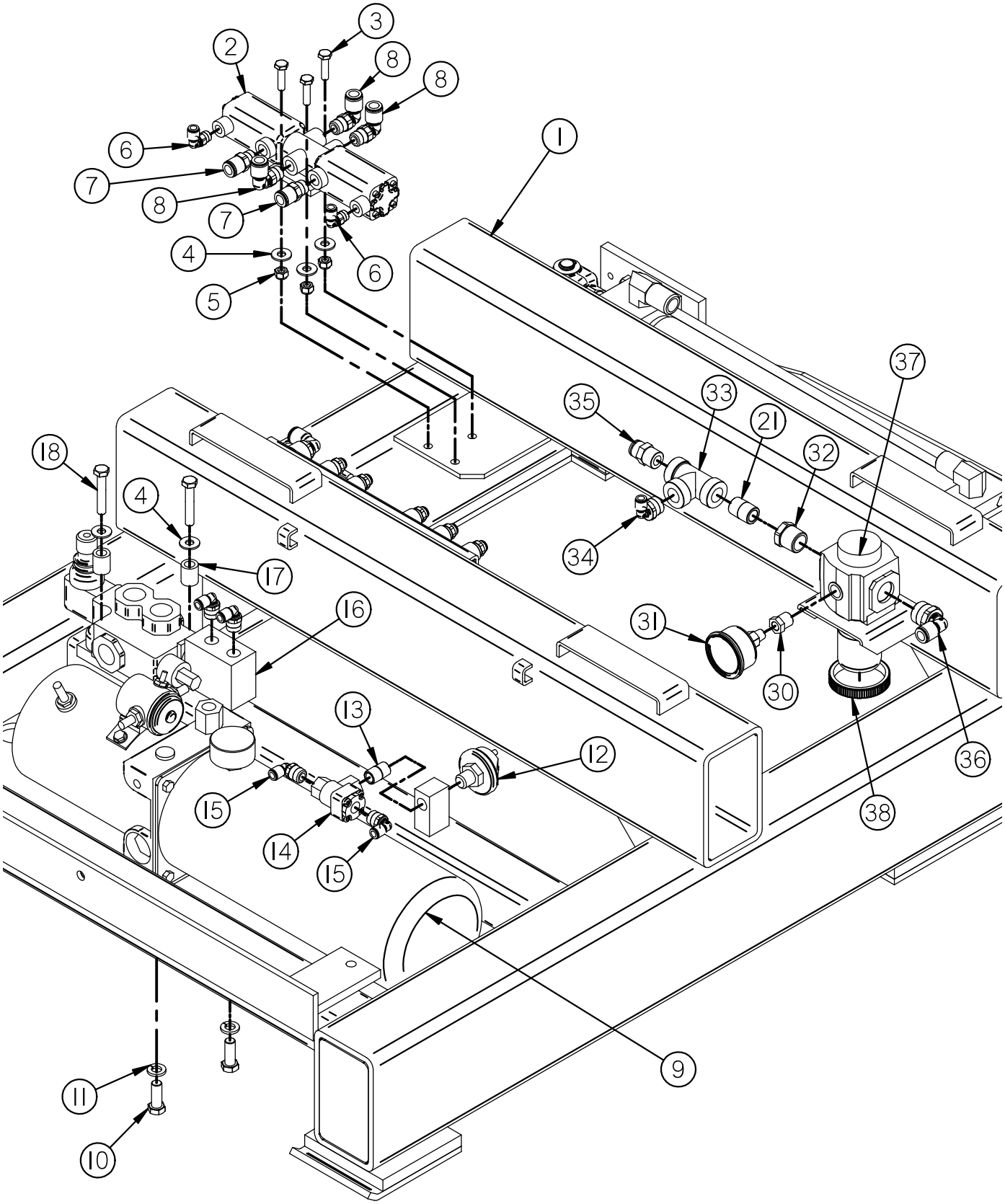
FNG8022-130

9-11-20

CARRIAGE ASSEMBLY

Item No.	Part No.	Quantity	Description
1	CRG01041	1	CARRIAGE
2	CRA02030	1	3/4 X 18" STOP ROD
3	CRA02040	1	3/4 X 18" STOP ROD W / TAB
4	27490 NUT	4	3/4-4.5 TPI COIL THD. NUT (PLATED, HVY HEX.)
5	2852 WAS	2	3/4" LOCK WASHER
6	2590 BLT	1	5/8" NC X 8.0" HX HD BOLT (GR. 8)
7	2742 NUT	1	5/8" NC TOP LOCKNUT
8	CRA0214	1	UPPER DRILL BRACKET
9	2541 BLT	4	3/8" NC X 1.50" HX HD BOLT
10	7010 TAB	2	16 GA. TWO HOLE SHIM
11	2821 WAS	4	3/8" LOCK WASHER
12	2725 NUT	4	3/8" - NC STANDARD HEX NUT
13	2727NUT	4	3/8" NC NYLON INSERT LOCKNUT
14	CRA0216	1	LOWER DRILL BRACKET
15	2570BLT	2	1/2" NC X 4.00" HX HD BOLT
16	2832 WAS	2	1/2" LOCK WASHER
17	2732 NUT	2	1/2" NC STANDARD NUT
18	2734NUT	2	1/2" NC NYLON INSERT LOCKNUT
19	2719 NUT	8	5/16" NC NYLON INSERT LOCKNUT
20	7011TAB	4	12 GA. SHIM (AS NEEDED)
21	7012TAB	4	18 GA. SHIM (AS NEEDED)
22	7013TAB	4	22 GA. SHIM (AS NEEDED)
23	70105TAB	4	3/16" SHIM (ROLLER BRG. AXLE)
24	CRA0233	4	ROLLER BEARING DRUM
25	2526 BLT	8	5/16" NC X 1.50" HX HD BOLT
26	CRA0234	4	ROLLER BEARING AXLE
26A	CRA0230	8	BEARING KEEPER
26B	2841 WAS	8	5/8" MACHINERY BUSHING (10 GAUGE)

INTERNAL VALVE ASSEMBLY



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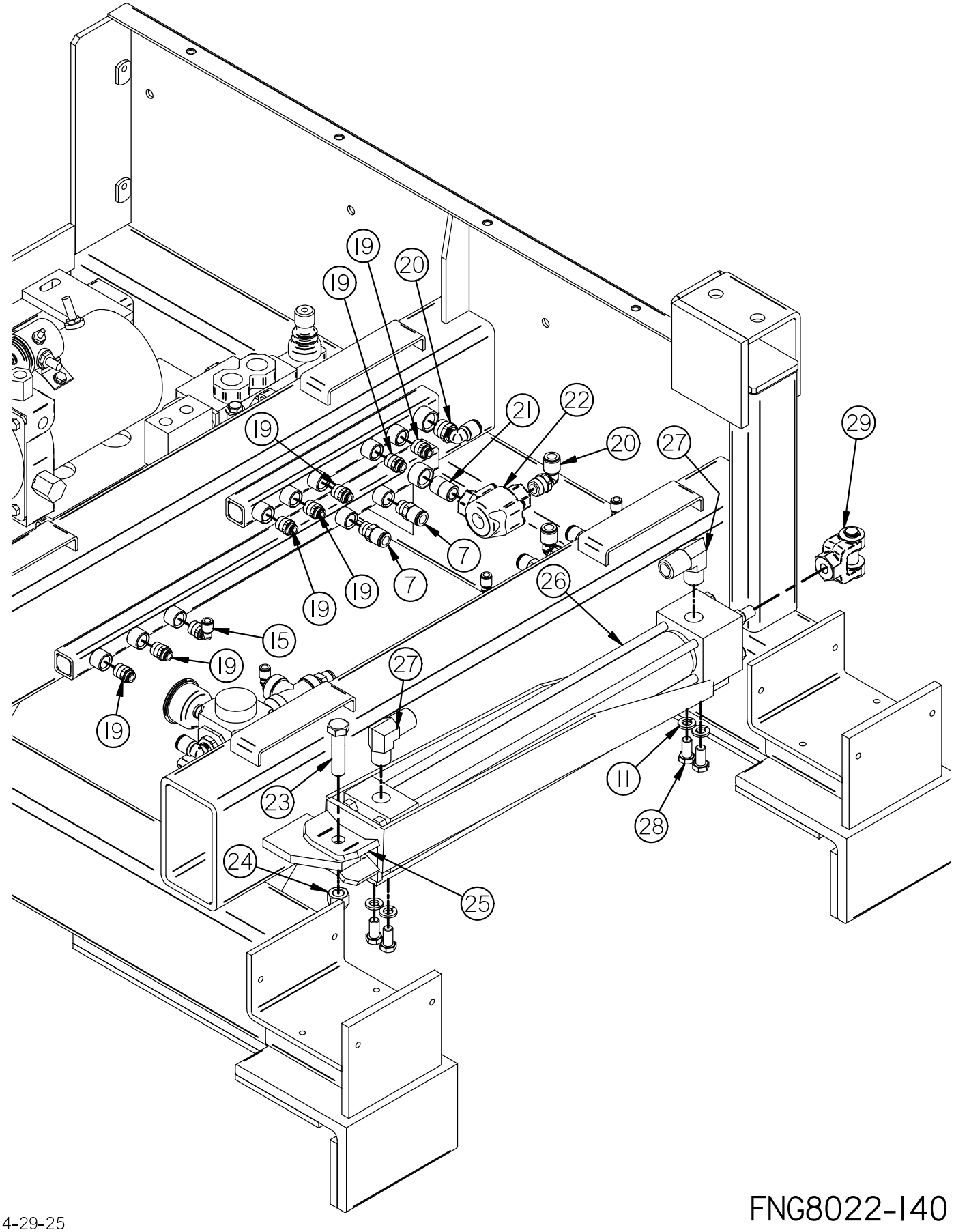
4-29-25

INTERNAL VALVE ASSEMBLY



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4-29-25

INTERNAL VALVE ASSEMBLY

Item No.	Part No.	Quantity	Description
1	HYD3001	1	MAIN FRAME (210-3, -4, -5 EQ. MT.)
2	0616 6VAL	1	4 WAY PILOT OPERATED VALVE
3	2503BLT	3	1/4" NC X 1.00" BOLT, GR. 5
4	2801 WAS	5	1/4" FLAT WASHER
5	2716NUT	3	1/4" NC NYLON LOCK NUT
6	2050 FIT	2	1/4" TUBE X 1/8 NPT 90 DEG. SWIVEL
7	2070 FIT	4	3/8" TUBE X 1/4 NPT MALE CONNECTOR
8	2053 FIT	3	3/8" TUBE X 1/4 NPT 90 DEG. SWIVEL
9	0137ELE	1	HYDRAULIC PUMP
10	2538 BLT	2	3/8" NC X 1.00" HX HD BOLT
11	2821 WAS	6	3/8" LOCK WASHER
12	0101ELE	1	12V AIR SWITCH
13	2109 PFT	1	1/4" NPT CLOSE NIPPLE
14	0614 0VAL	1	SHUTTLE VALVE
15	2051 FIT	5	1/4" TUBE X 1/4" NPT 90 DEG. SWIVEL
16	063005 VAL	1	12GPM CLOSE CENTER VALVE
17	HYD30070	2	.625" OD X .120" WALL SPACER TUBE
18	2528 BLT	2	5/16" NC X 1.75" HX HD BOLT
19	2067 FIT	7	1/4" TUBE X 1/4 NPT MALE CONNECTOR
20	2054 FIT	2	3/8" TUBE X 3/8" NPT 90 DEG. SWIVEL
21	21242 PFT	2	3/8" NIPPLE
22	06041 VAL	1	QUICK EXHAUST VALVE
23	2563 BLT	1	1/2" NC X 2.00" HX HD BOLT
24	2734NUT	1	1/2" NC NYLON INSERT LOCKNUT
25	HYD3007	1	CYL MOUNT HYD
26	05501 CYL	1	1.5" X 14" SIDE SHIFT CYLINDER
27	8MJ-8MP90	2	1/2" MALE PIPE X 8 MALE JIC 90 DEG. HYD FITTING

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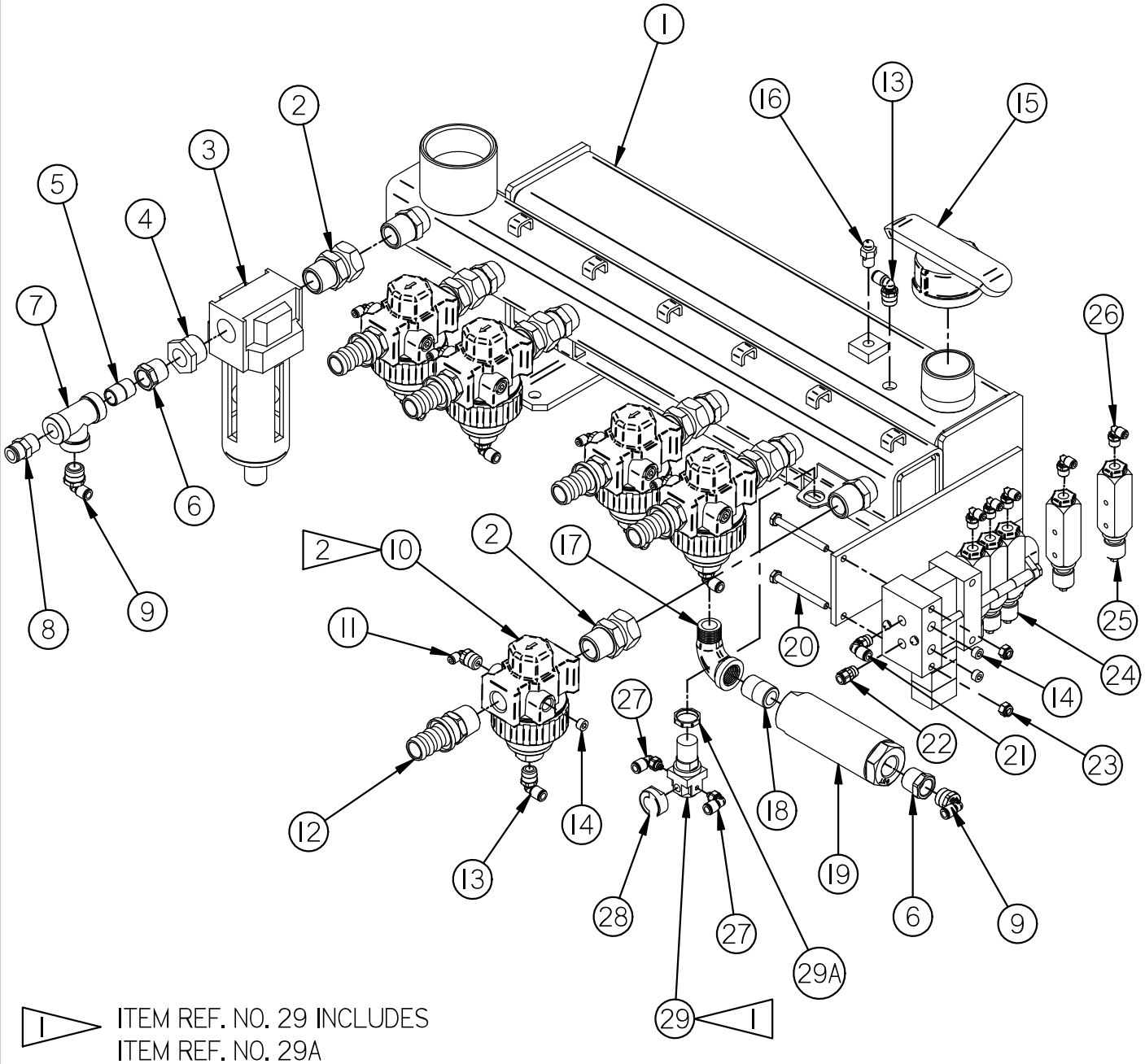
INTERNAL VALVE ASSEMBLY

Item No.	Part No.	Quantity	Description
28	2537 BLT	4	3/8" NC X .75" HX HD BOLT
29	0501 CYL	1	7/16 NF CYL CLEVIS & 1/2" PIN ASSY.
30	20755 FIT	1	1/4" NPT M X 1/8" NPT F HEX BUSHING (STL.)
31	09023 GAU	1	0-160 PSI FILLED GAUGE (1/8 NPT)
32	2130 PFT	1	1/2" TO 3/8" NPT PIPE REDUCER
33	21025PFT	1	3/8" TEE
34	2052 FIT	1	1/4" TUBE X 3/8" NPT 90 DEG. SWIVEL
35	2071 FIT	1	3/8" TO 3/8" MALE CONNECTOR
36	2055 FIT	1	3/8" TUBE X 1/2" NPT 90 DEG. SWIVEL
37	08079 REG	1	1/2" PRESSURE REGULATOR
38	0806 REG	1	1/2" PRESSURE REGULATOR LOCK RING

OIL TANK ASSEMBLY



1 ITEM REF. NO. 29 INCLUDES ITEM REF. NO. 29A

2 REPAIR KIT AVAILABLE PART NO. 17065 RPT

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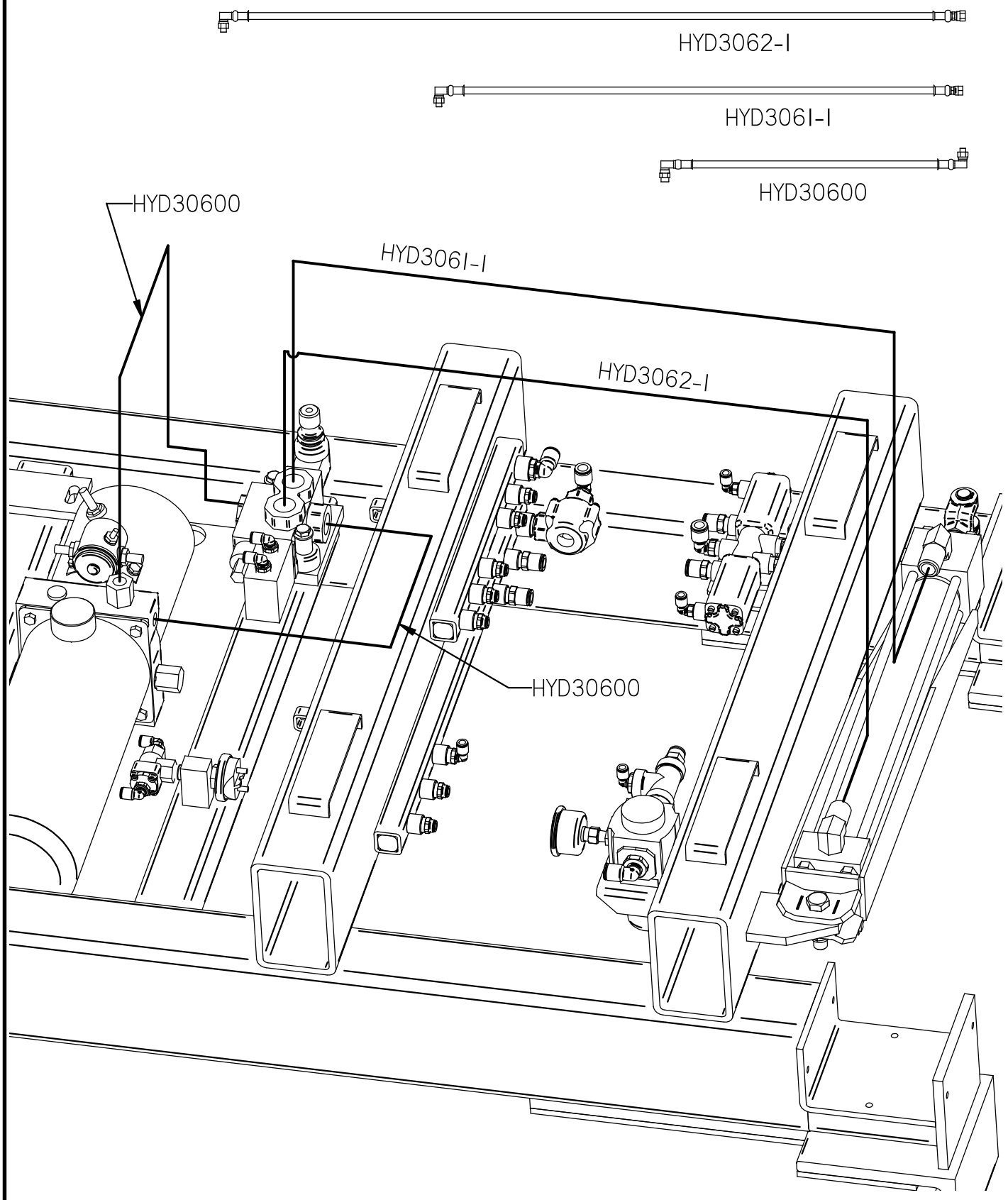
OIL TANK ASSEMBLY

Item No.	Part No.	Quantity	Description
1	SRS16262	1	OIL TANK / AIR MANIFOLD
2	20010 FIT	6	3/4" NPT MALE X 3/4" NPS SWIVEL CONNECTOR
3	08018 REG	1	3/4" FILTER WITH AUTO DRAIN
4	20770 PFT	1	3/4" X 1/2" BUSHING
5	2124 PFT	1	3/8" NPT X 1" (CLOSE) NIPPLE
6	2130 PFT	2	1/2" TO 3/8" NPT PIPE REDUCER
7	21025PFT	1	3/8" TEE
8	2071 FIT	1	3/8" TO 3/8" MALE CONNECTOR
9	2052 FIT	2	1/4" TUBE X 3/8" NPT 90 DEG. SWIVEL
10	08113 REG	5	3/4" NPT CONTROLLED REGULATOR
11	2033 FIT	5	1/8" TUBE X 1/4 NPT 90 DEG SWIVEL
12	1999 FIT	5	3/4" NPT MALE X 3/4" HOSE SWIVEL
13	2051 FIT	6	1/4" TUBE X 1/4" NPT 90 DEG. SWIVEL
14	21010PFT	7	1/8" PIPE PLUG - SOCKET HD.
15	SRS16480	1	OIL TANK CAP
16	06055 VAL	1	BUTTON BLEEDER VALVE
17	2154 PFT	1	1/2" NPT STREET ELBOW
18	2111 PFT	1	1/2" NPT X 1" NIPPLE
19	1006 BRV	1	1/2" NPT IN-LINE HYDRAULIC FILTER
20	2509 BLT	2	1/4" NC X 2.50" HX HD BOLT
21	2050 FIT	1	1/4" TUBE X 1/8 NPT 90 DEG. SWIVEL
22	2066 FIT	1	1/4" TUBE X 1/8 NPT MALE CONNECTOR
23	2716NUT	2	1/4" NC NYLON LOCK NUT
24	1608MP OIL	1	3 BANK MASTER OILER
25	16070MP OIL	2	OILER MODULE
26	20751 FIT	5	1/8" TUBE X 1/8" NPT 90 DEG. SWIVEL
27	20754 FIT	2	1/4" TUBE X 10-32 UNF 90 DEG. SWIVEL
28	09024GAU	1	GAUGE 0-150 MAX PSI
29	08108REG	1	10/32" PORT 0-125 PSI REGULATOR ASSY.
29A	17059 RPT	1	LOCK RING FOR 08108REG

FNG8022-150

5-7-25

SIDE SHIFT SCHEMATIC



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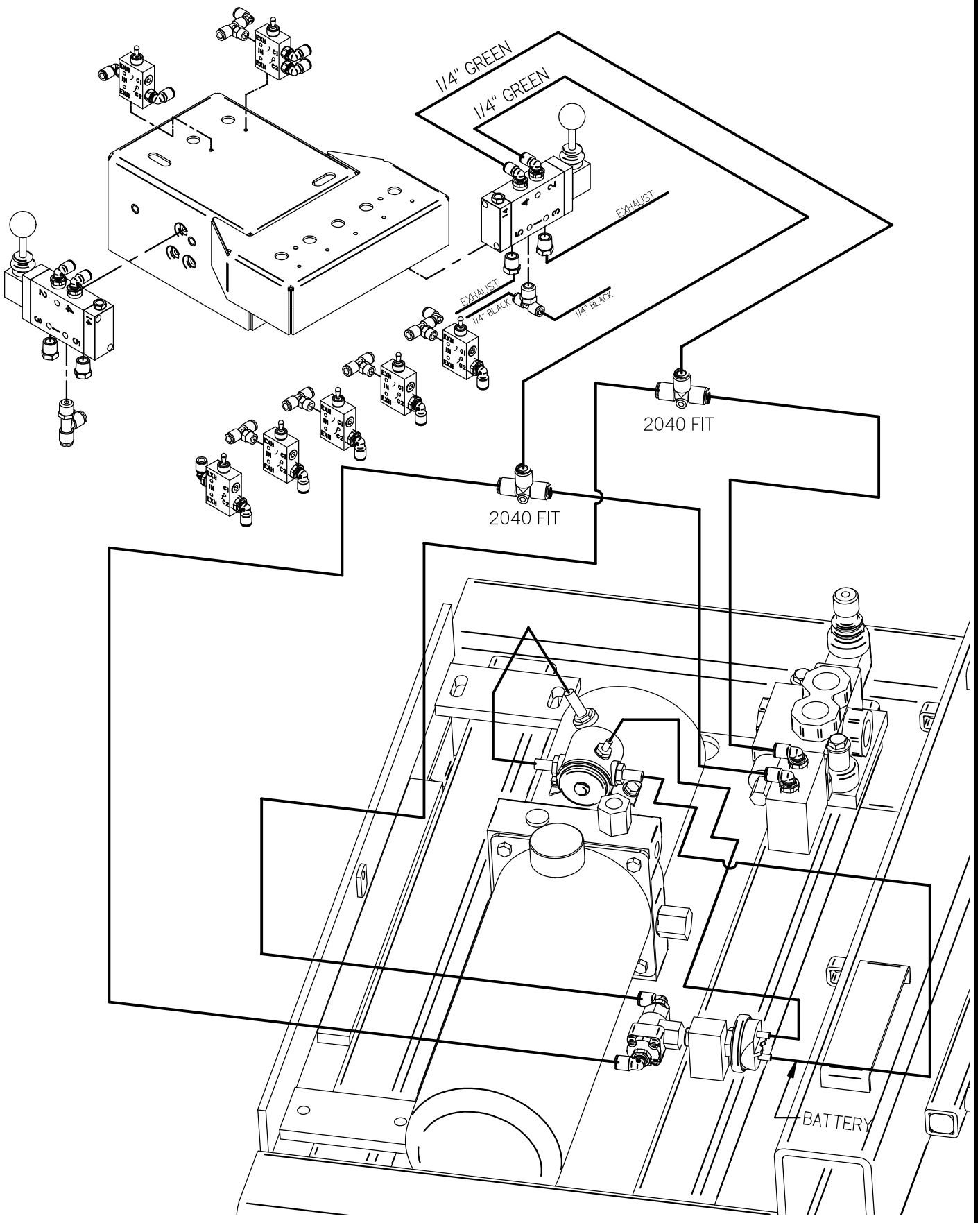
5-7-25

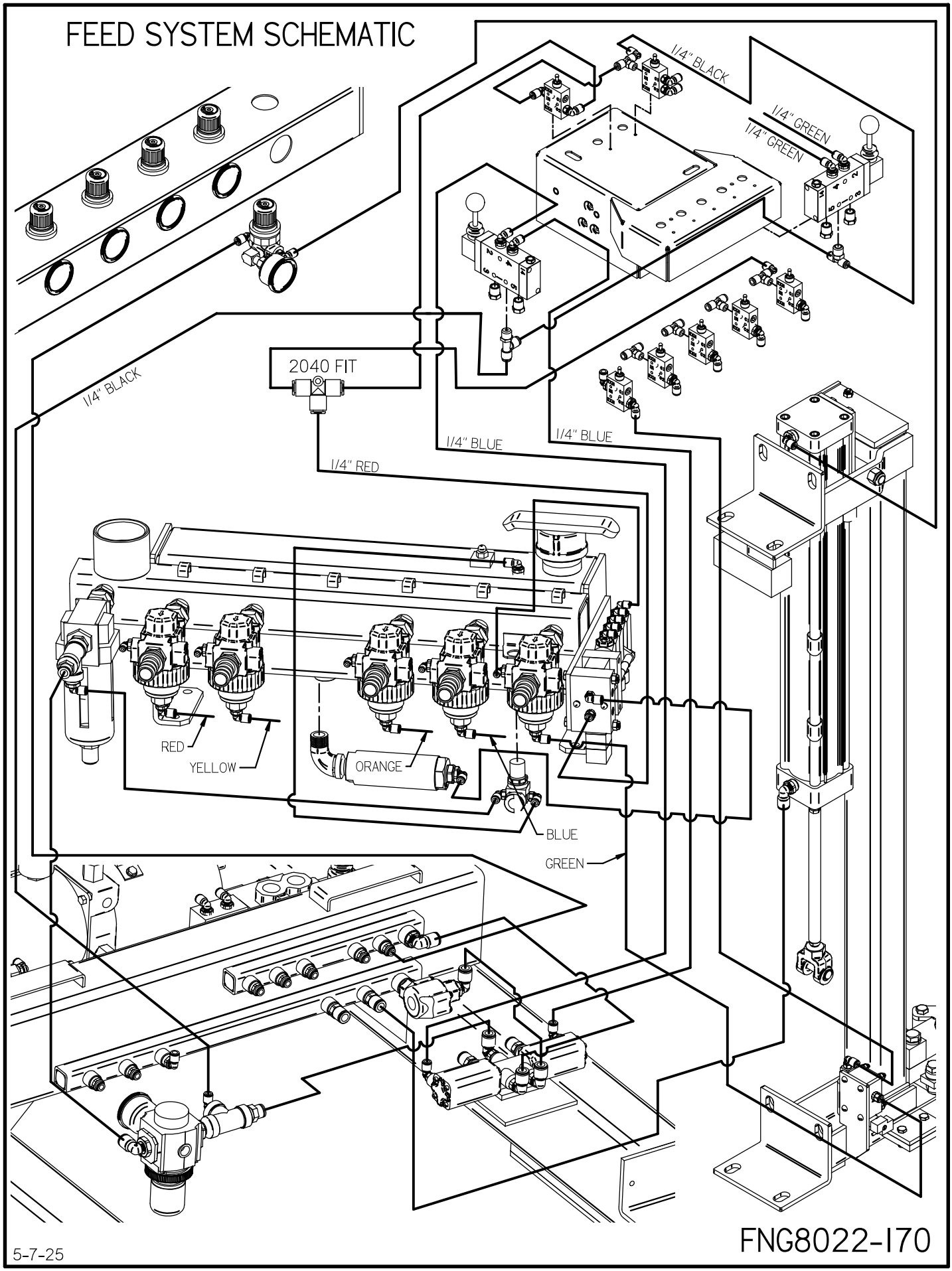
SIDE SHIFT SCHEMATIC



FNG8022-160

5-7-25

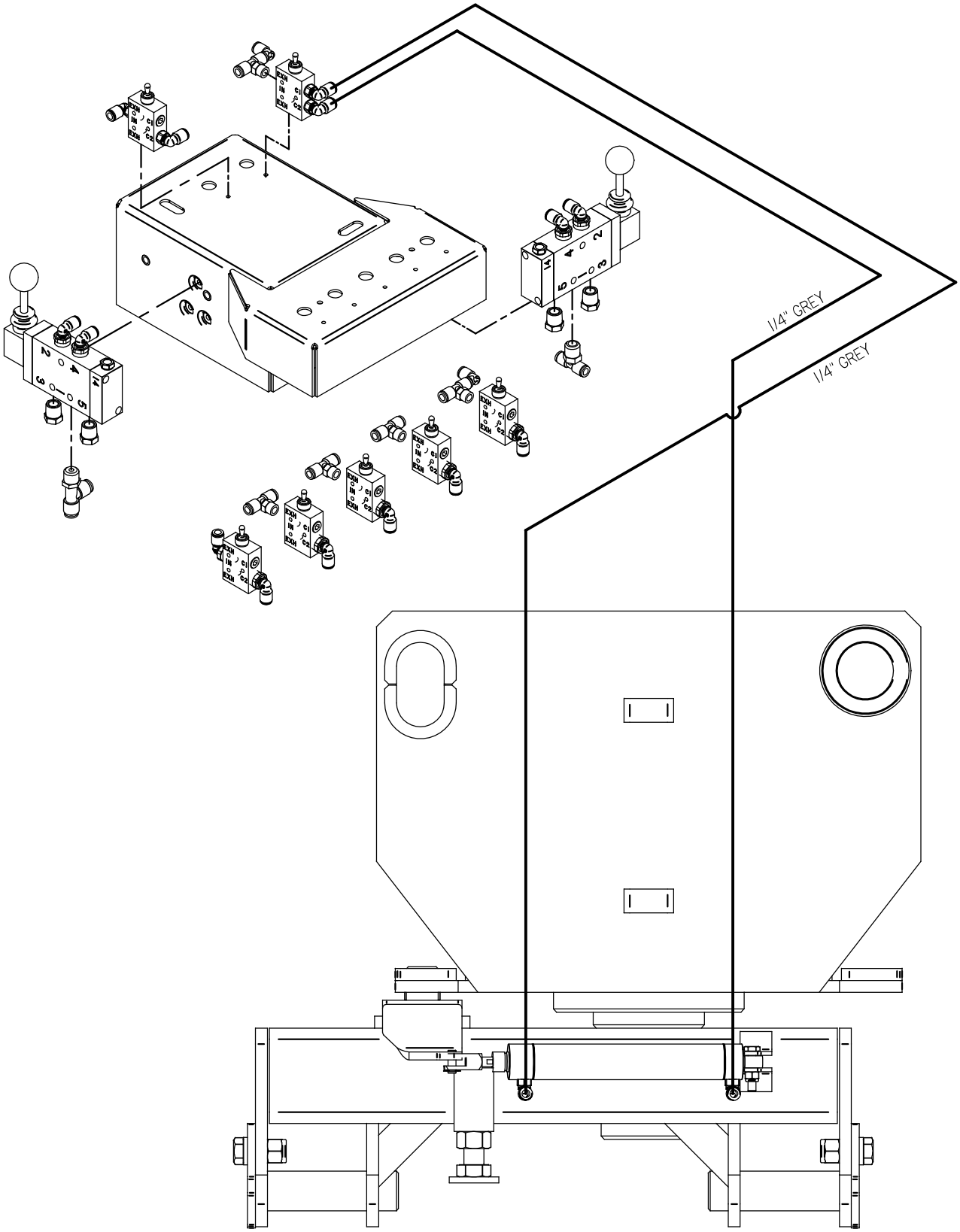
FEED SYSTEM SCHEMATIC



FNG8022-I70

5-7-25

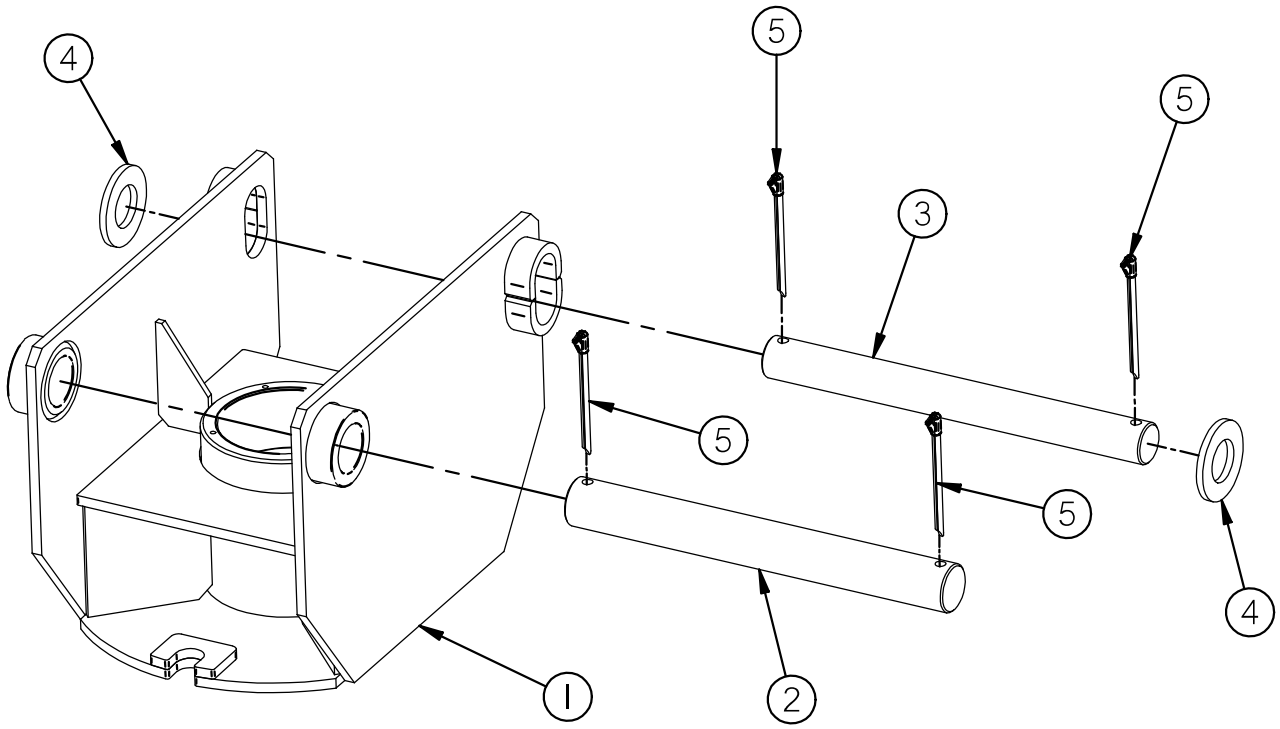
SWING LOCK SCHEMATIC



FNG8022-180

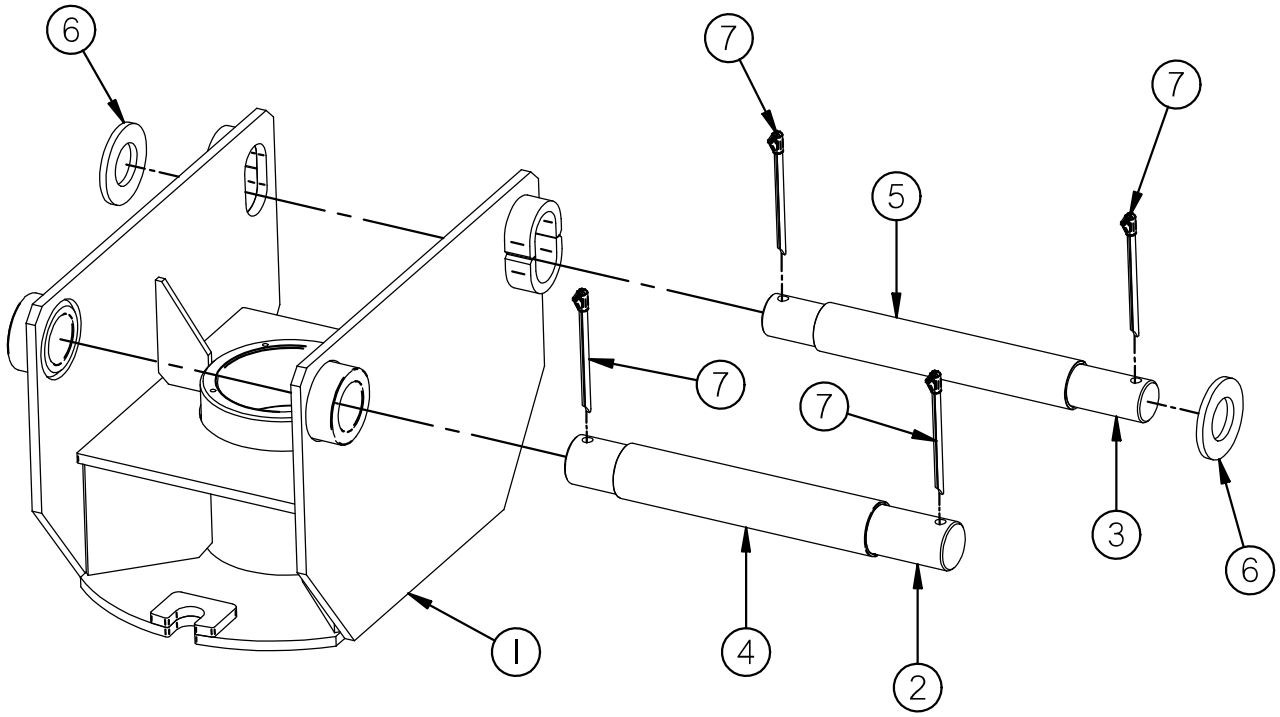
5-7-25

PIN AND BUSHING ASSEMBLY



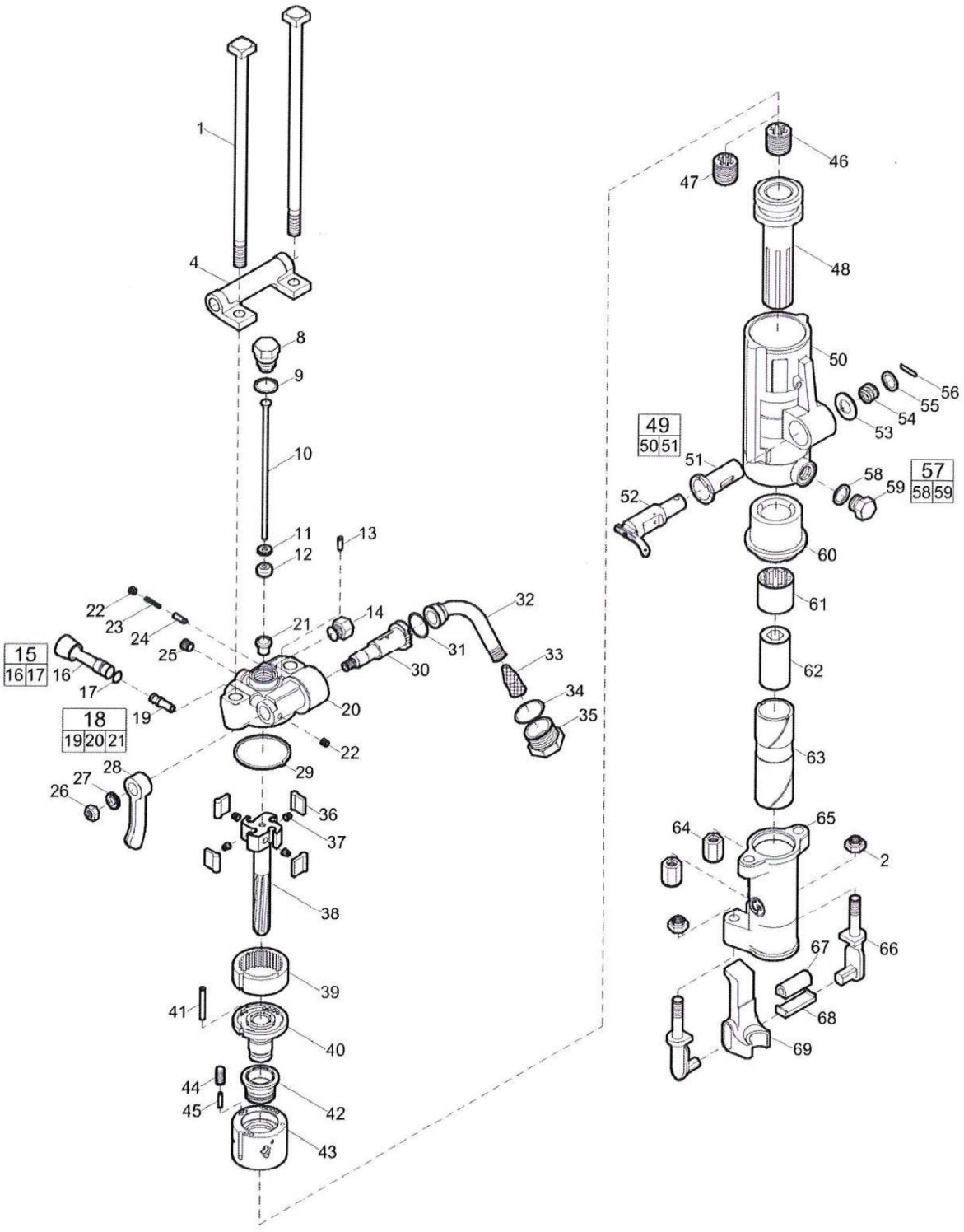
Item No.	Part No.	Quantity	Description
1	HYD3004	1	EQUIPMENT MOUNT SWIVEL
2	HYD3048	1	BOOM PIN 1 3/4" OD
3	HYD30480	1	CURL PIN 1 1/2" OD
4	HYD30481	2	CURL PIN WASHER
5	30227PIN	4	5/16" X 4" COTTER PIN

OPTIONAL PIN AND BUSHING ASSEMBLY FOR 416 CAT



Item No.	Part No.	Quantity	Description
1	HYD3004	1	EQUIPMENT MOUNT SWIVEL
2	HYD3048	1	BOOM PIN 1 3/4" OD
3	HYD30480	1	CURL PIN 1 1/2" OD
4	HYD3601	1	BOOM PIN BUSHING FOR CAT 416 1.967" OD 1.763" ID
5	HYD3600	1	CURL PIN BUSHING FOR CAT 416 1.741" OD 1.505" ID
6	HYD30481	2	CURL PIN WASHER
7	30227PIN	4	5/16" X 4" COTTER PIN

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"