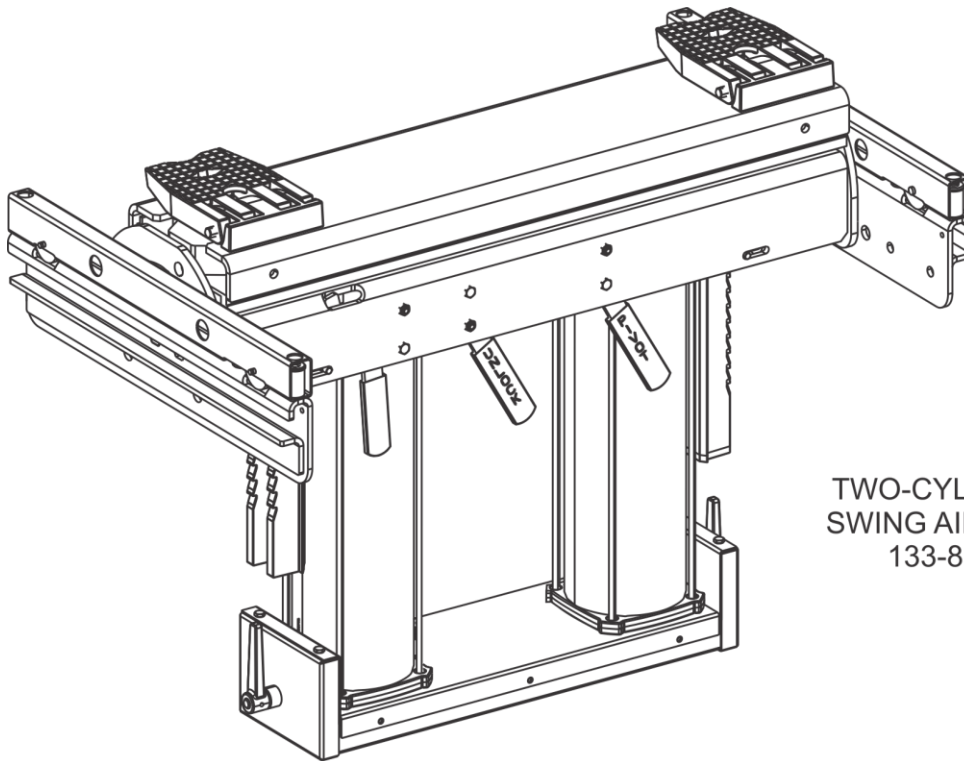
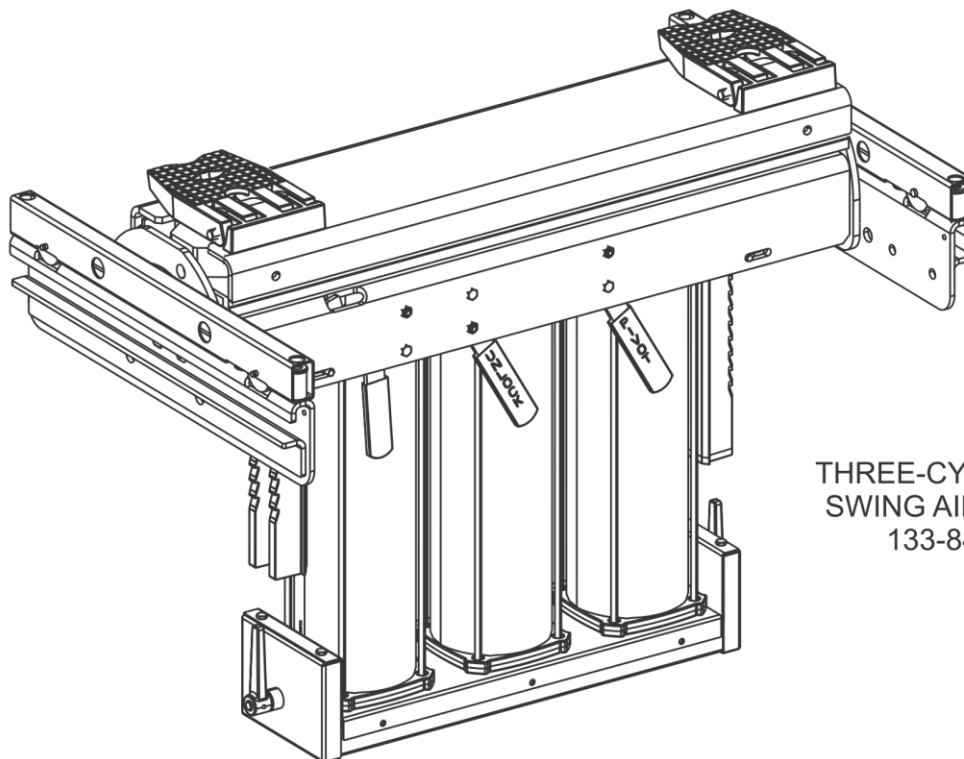


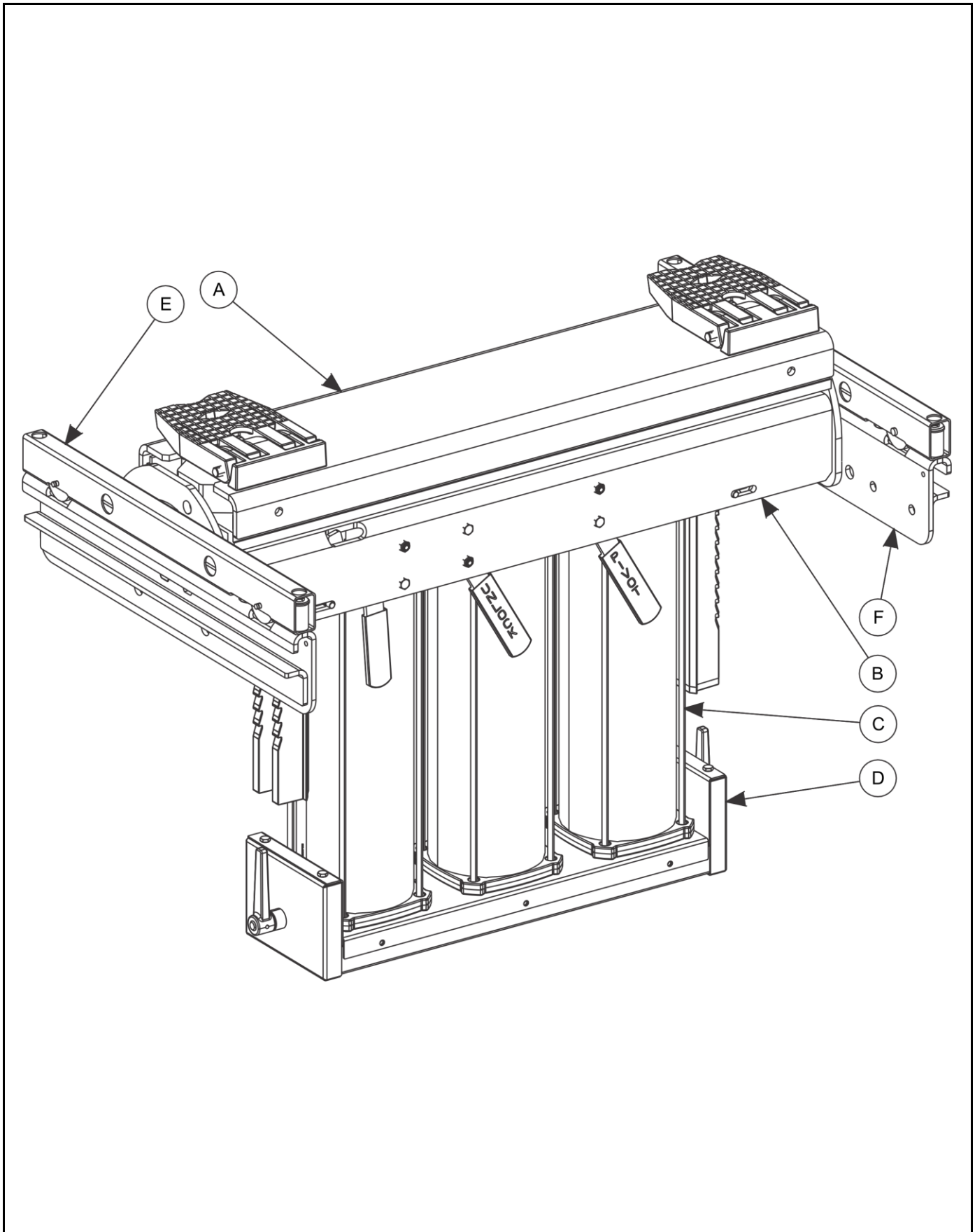


TWO-CYLINDER
SWING AIR JACK
133-85-1



THREE-CYLINDER
SWING AIR JACK
133-84-1

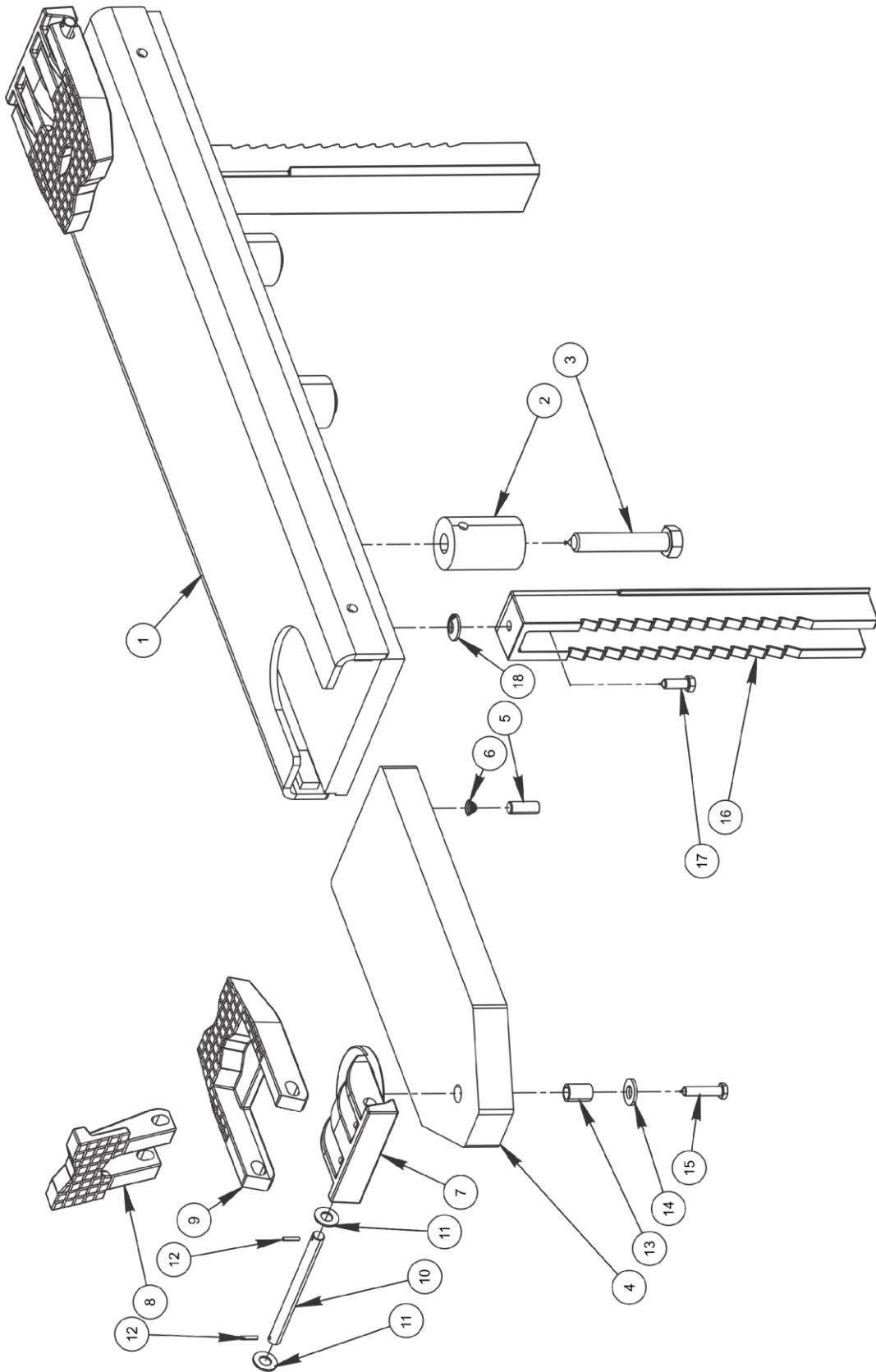
133-84-1, 133-85-1 Swing Air Jack



133-84-1, 133-85-1 Swing Air Jack

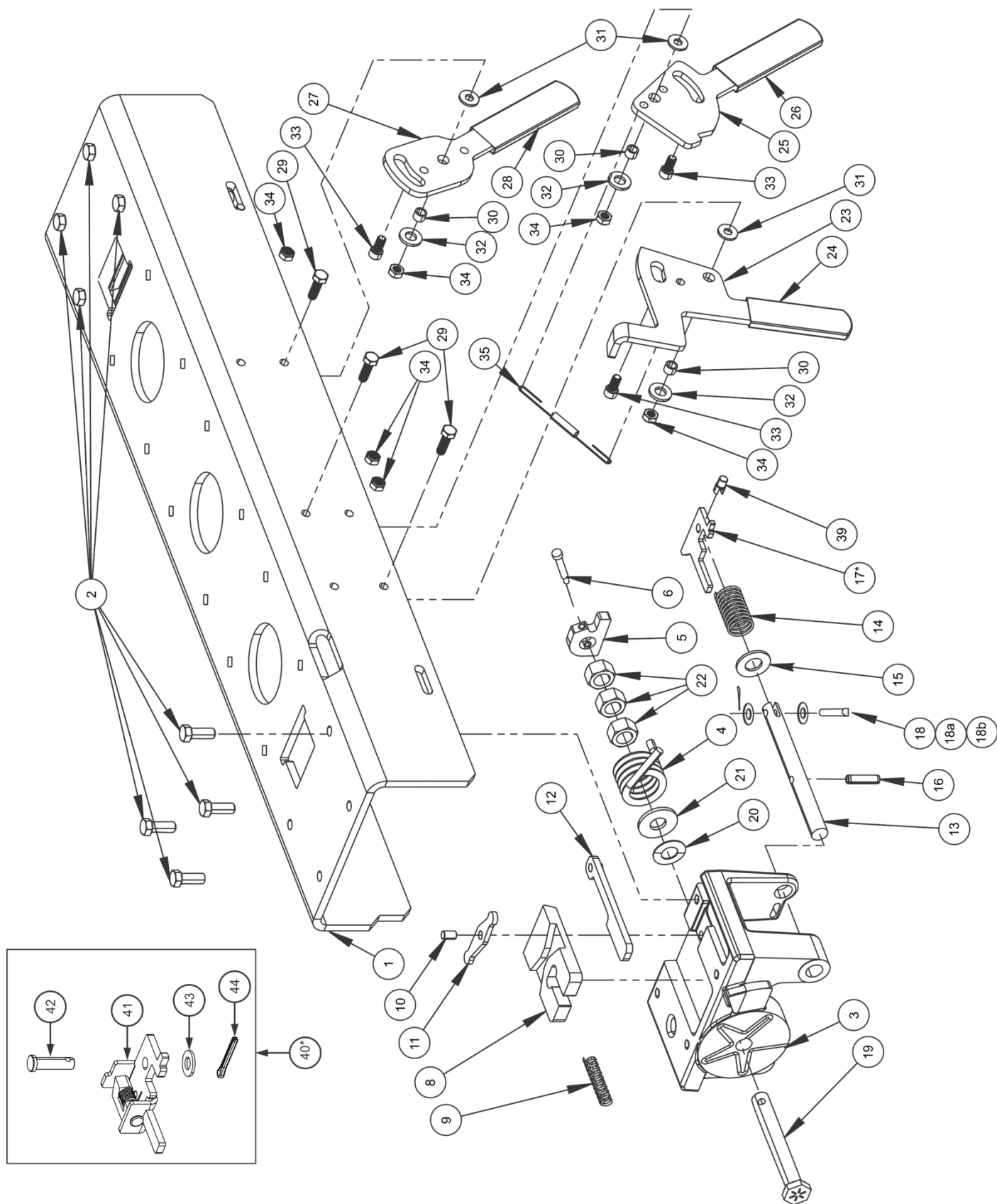
REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description	
A	118-726-1 or 118-731-1	BEAM ASSEMBLY- UPPER	Sheet 3
B	118-729-1 or 118-732-1	BEAM ASSEMBLY- LOWER	Sheet 4
C	140-105-1	CYLINDER ASSEMBLY- 5.5 INCH COMPOSITE	Sheet 5
D	108-258-1 - (9K JACK)	PNEUMATIC CONTROL ASSEMBLY	Sheet 6
D	108-258-1 – (9K JACK)	PNEUMATIC CONTROL ASSEMBLY PLUMBING	Appendix A
D	108-240-1 - (6K JACK)	PNEUMATIC CONTROL ASSEMBLY	Sheet 7
E	114-94-1	SLIDE ASSEMBLY- LEFT OUTRIGGER	Sheet 8
F	114-95-1	SLIDE ASSEMBLY- RIGHT OUTRIGGER	Sheet 8
G	128-1435-3 – (9K JACK)	DECAL KIT	Appendix A
G	128-1454-3 – (6K JACK)	DECAL KIT	Appendix A



118-726-1 Beam Assembly - Upper
 REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

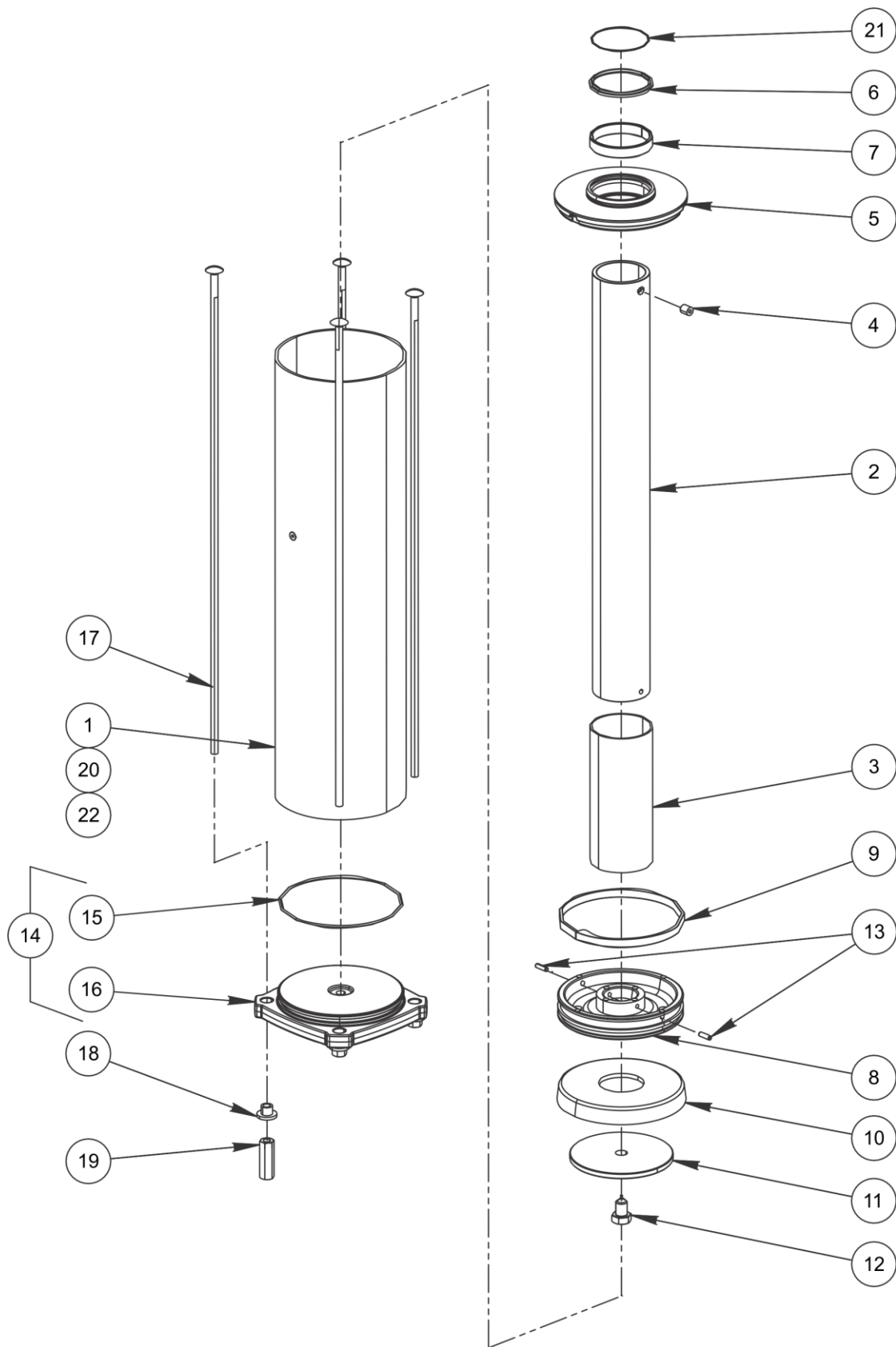
Index No.	Part Number	Description	Qty.
1	118-728-1-005	BEAM WELDMENT- UPPER- 9000 LB SWING JACK	1
OR	118-730-1-005	BEAM WELDMENT-UPPER-6000 LB SWING JACK	1
2	176-55-005	BOSS- TOP BEAM- SWING JACK	3
3	74-417-2	HEX HEAD CAP SCREW- 3/4-10X4.00 INCH GRADE 8	3
4	103-232-005	ARM- SWING JACK- 9000 LB	2
OR	103-241-005	ARM- SWING JACK-6000 LB	2
5	135-521-2	PIN-1/2X1-1/4 INCH	2
6	98-480-2	SPRING-CONICAL-.48 OUTER DIAMETER X .5 INCH LONG	2
7	72-518-005	BASE- DUAL PICKUP PAD	2
8	64-167-005	PAD- PICKUP- INNER	2
9	64-168-005	PAD- PICKUP- OUTER	2
10	135-522-2	PIN- PIVOT- PICKUP PAD- SWING JACK	2
11	77-23-2	WASHER-FLAT 1/2 INCH	4
12	135-531-2	PIN- SPRING- 5/32 X 1	4
13	46-699-2	SPACER- 11/16 OUTER DIAMTER X 14GA X 1 INCH LONG	2
14	77-392-2	WASHER- 1/2" X 1-1/16 OUTER DIAMTER- GRADE 9	2
15	74-513-2	HEX HEAD CAP SCREW 1/2-13X2.00 INCH GRADE 8	2
16	144-146-005	LOCK- SWING AIR JACK	2
17	74-105-2	HEX HEAD CAP SCREW 3/8-16X1.00 INCH GRADE 5 FULL THREAD	2
18	77-388-2	WASHER-BELLEVILE 5/8 INCH INNER DIAMETER	2



118-729-1, 118-732-1 Beam Assembly - Lower

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

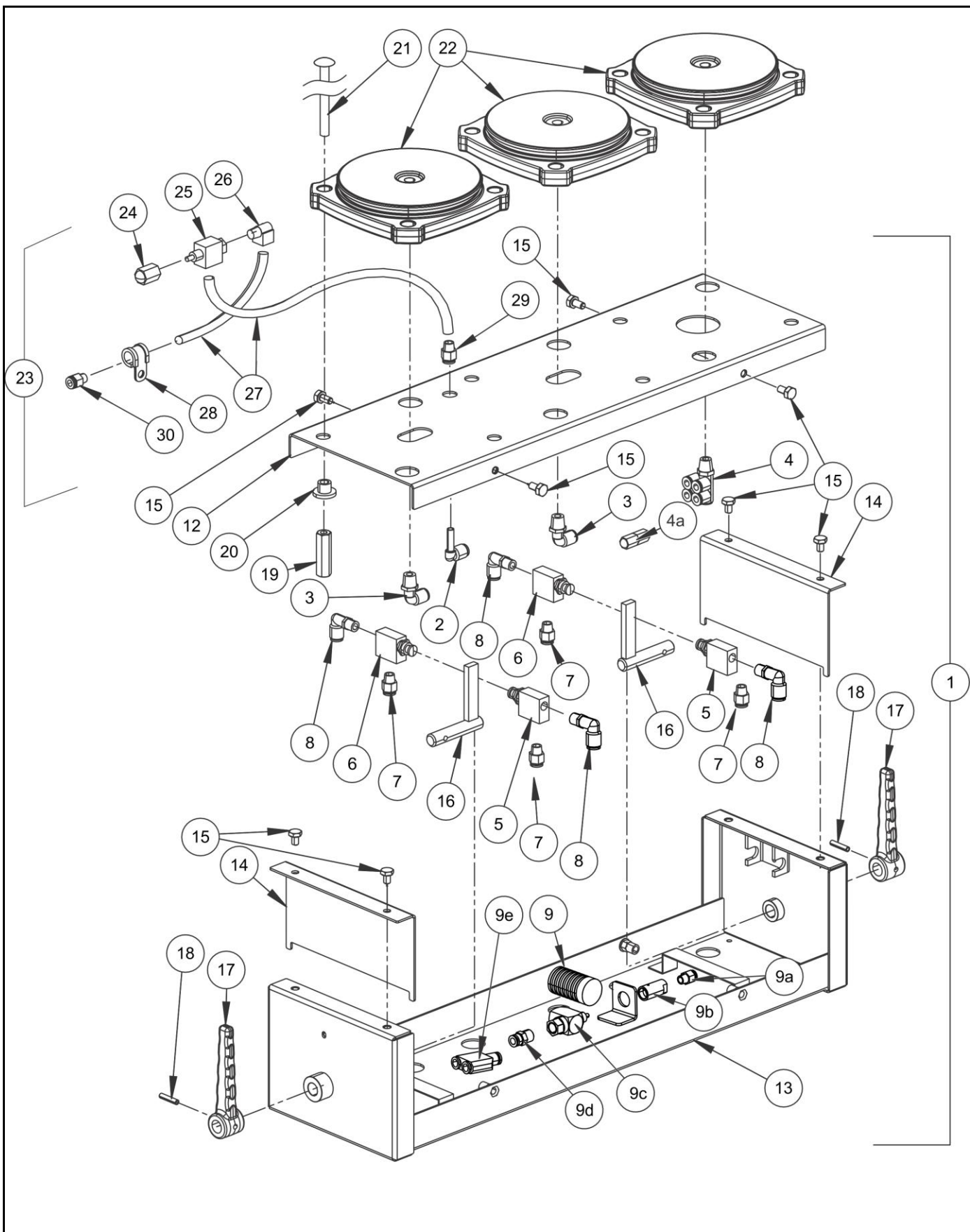
Index No.	Part Number	Description	Qty.
1	54-1022-005	CHANNEL- LOWER BEAM- SWING JACK (9K Jack)	1
OR	54-1028-005	CHANNEL- LOWER BEAM- SWING JACK (6K Jack) (Not Shown)	1
2	74-514-2	HEX HEAD CAP SCREW 3/8-16X1.00 INCH GRADE 8 FULL THREAD	8
3	121-296-2 / 121-297-2	BEARING BLOCK- LEFT / RIGHT (NOT SHOWN)	1
4	98-485-2 / 98-486-2	SPRING- TORSION- LH / RH (NOT SHOWN)	1
5	217-76-2	COLLAR- TORSION SPRING	2
6	75-793-2	SCREW-SHOULDER 1/4X1.25 INCH	2
7	145-78-2	FITTING-GREASE 1/4-28 THREAD (NOT SHOWN)	4
8	144-147-2	PAWL- LOCK- SWING JACK	2
9	98-481-2	SPRING-COMPRESSION-.50 OUTER DIAMETER X 2.5 INCH LONG	2
10	135-504-2	PIN-DOWEL 5/16 X 1/2 INCH	2
11	164-102	LEVER- PAWL RELEASE	2
12	114-89-1/ 114-90-1	SLIDE- LEFT PAWL RELEASE / SLIDE- RIGHT PAWL RELEASE (NOT SHOWN)	1
13	135-524-2	PIN- PIVOT LOCK	2
14	98-482-2	SPRING-COMPRESSION 15/16 OUTER DIAMETER X 2.03 INCH	2
15	77-35-2	WASHER-FLAT 5/8 INCH	2
16	135-525-2	PIN-SPRING 5/16 X 1.25 INCH	2
17	51-2703	PLATE- PIVOT HANDLE RESTRAINT (* Replace with updated latch, item 40)	2
18	135-597-2	CLEVIS PIN	2
18a	77-20-2	FLAT WASHERS	2
18b	135-596-2	COTTER PINS	2
19	74-512-2	BOLT- SPCL PIVOT	2
20	77-394-2	WASHER-RUBBER-5/8 INNER DIAMETER	2
21	77-393-2	WASHER- FLAT- 9/16 X 1.5 INCH GRADE 8	2
22	76-73-2	NUT-HEX 5/8-11 INCH	6
23	144-153-1	HANDLE- LOCK RESET	1
24	69-87-2	COVER-VINYL PLASTIC HANDLE	1
25	144-151-1	HANDLE- LOCK	1
26	69-636-2	COVER-VINYL PLASTIC HANDLE UNLOCK	1
27	144-152-1	HANDLE- PIVOT	1
28	69-635-2	COVER-VINYLPLASTIC HANDLE PIVOT	1
29	74-39-2	HEX HEAD CAP SCREW 5/16-18X1.00 INCH	3
30	46-700-2	SPACER- CONTROL HANDLE	3
31	77-389-2	WAVE WASHER- 7/16 INNER DIAMETER X .86 OUTER DIAMETER	3
32	77-67-2	WASHER-FLAT 1/4 INCH	3
33	74-510-2	SOCKET HEAD CAP SCREW-5/16-18 X 5/8 INCH LONG	3
34	76-498-2	NUT-5/16-18 NYLON-INSERT	6
35	98-483-2	SPRING- TENSION- .25 OD X 4 INCH	1
36	76-499-2	NUT-PUSH ON- 5/16 INCH (NOT SHOWN)	7
37	39-97-2	CABLE-SWING JACK CONTROL 8 INCH (NOT SHOWN)	2
38	39-98-2	CABLE- SWING JACK CONTROL 15.75 INCH (NOT SHOWN)	2
39	53-187-2	CAP-VINYL-INDICATOR PIN	2
40*	20-3222-1	KIT- PIVOT HANDLE RESTRAINT (Includes left and right latches, will update one jack)	1
41	144-168-1 / 144-169-1	LATCH ASSY, RIGHT / LEFT	1 each
42	135-597-2	PIN-CLEVIS 5/16 DIA X 7/8 ZP	2
43	77-20-2	WASHER-FLAT 5/16 TPA-N ZP	2
44	135-596-2	PIN-COTTER 1/8 X 1 ZP	2



140-105-1 Cylinder Assembly – 5.5"

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

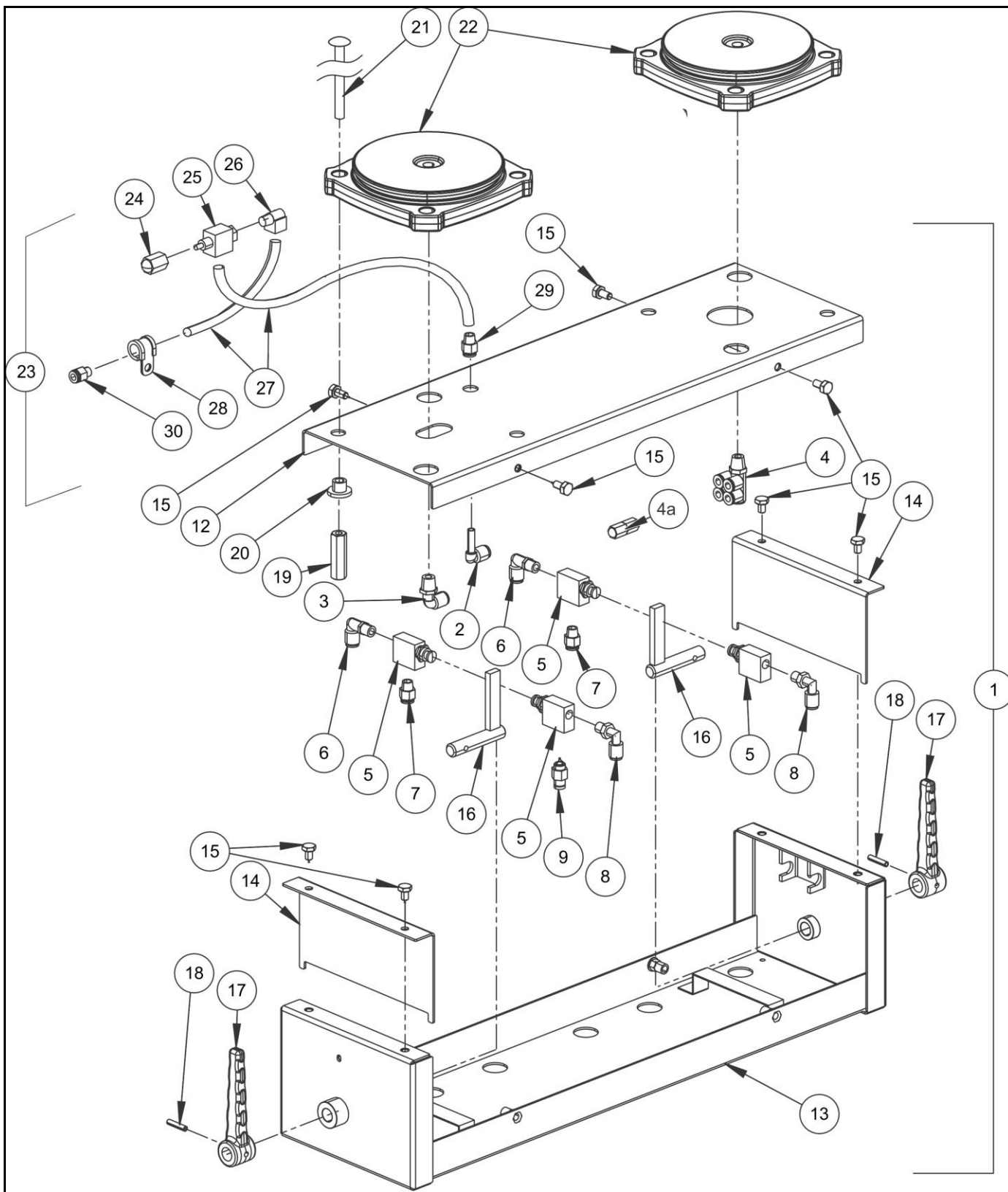
Index No.	Part Number	Description	Qty.
1	16-1029-3	CYLINDER- 5.5 INCH X 20.85 INCH WITH GRS FTG	1
2	63-283-2	ROD- CYLINDER	1
3	16-1031-2	TUBE- STOP- PISTON	1
4	74-106-2	SOCKET SET SCREW 3/8-24X1/2 INCH CUP POINT	1
5	140-93-2	END HEAD- 5.5 CYLINDER- MACHINED	1
6	124-205-2	SEAL-2.5 ROD WIPER	1
7	130-218-2	ROD BEARING-2.5 INCH INNER DIAMETER	1
8	182-23-2	PISTON- 5.5 INCH	1
9	124-206-2	WEAR BAND-PISTON-5.5 INCH CYLINDER	1
10	124-142-2	CUP SEAL-5.5 INCH PISTON	1
11	182-17-2	RETAINER-CUP SEAL 5.5 INCH PISTON	1
12	74-344-2	HEX HEAD CAP SCREW 1/2-13X.63 INCH FULL THREAD	1
13	135-227-2	PIN-ROLL 3/16X5/8 INCH	2
14	72-465-3	BASE- SWNG JCK 5.50 INCH O-RING ASSEMBLY (Consisting of:)	1
15	124-163-2	SEAL- O-RING AS568A-250	1
16	72-458-2	BASE-SWING JACK 5.50 O-RING	1
17	74-511-2	BOLT-CARRIAGE 5/16-18 X 23 INCH GRADE 5	4
18	113-321-2	BUSHING- CYL INDER TIE ROD	4
19	76-505-2	NUT-COUPLING 5/16 -18	4
20	148-140-2	LUBE-JACK CYLINDERS (NOT SHOWN)	3
21	124-208-2	SEAL-O-RING 2 3/4 OUTER DIAMETER X 1/16 INCH	1
22	20-2244-1	KIT-SWING JACK 5.5" CYLINDER REPAIR KIT	1



108-258-1 PNEUMATIC CONTROL ASSEMBLY (9K JACK)

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

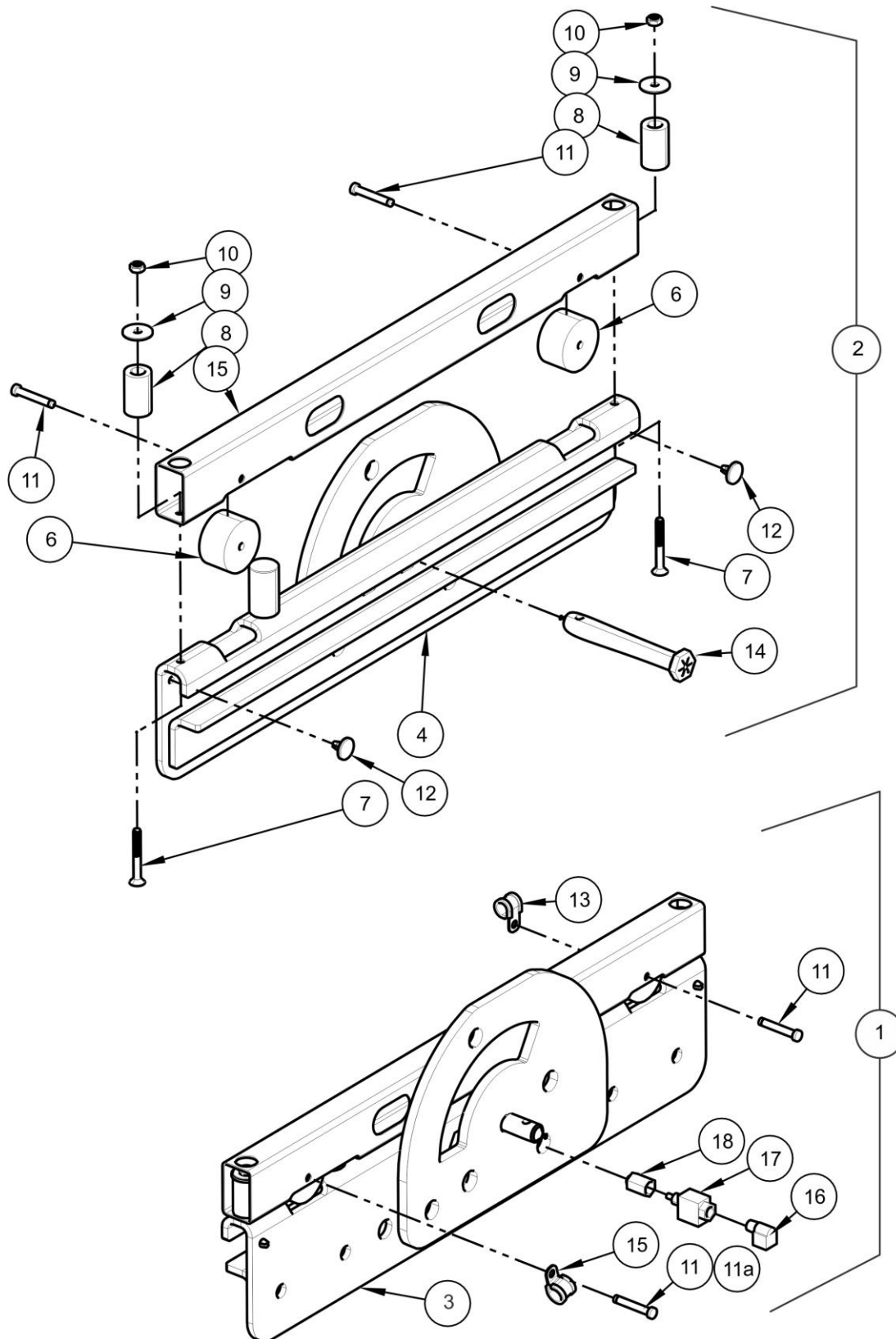
Index No.	Part Number	Description	Qty.
1	108-258-1	PNEUMATIC CONTROL ASSEMBLY (Consisting Of:)	1
2	145-357-2	FITTING-1/4 INCH PLUG-IN ELBOW	1
3	145-350-2	FITTING-1/4 IN NPT ELBOW SWIVEL	2
4	145-398-2	FITTING-DOUBLE BRANCH MALE ELL	1
4a	145-381-2	FITTING-5/16-1/4 UNION PTC	1
5	108-75-2	VALVE-2 WAY POPPET	2
6	108-255-2	VALVE-3 WAY POPPET (9K Jack)	2
7	145-354-2	FITTING-1/4 INCH TUBE-1/8 INCH	5
8	145-358-2	FITTING-1/8 NPT – 1/4 PTC ELBOW	4
9	145-290-2	FITTING-1/4 NPT EXHAUST SILENCER	1
9a	145-354-2	FITTING-1/4 TUBE-1/8 NPT	5
9b	108-257-2	VALVE-PILOT ACTUATOR	1
9c	108-256-2	VALVE-2 WAY POPPET LARGE	1
9d	145-404-2	FITTING-5/16 TUBE-1/4 NPT STRT	1
9e	145-325-2	FITTING-1/4 INCH Y	1
10	16-321-2	TUBE-5/16 INCH OUTER DIAMETER (Not Shown)	2.8 FT
11	16-423-2	TUBE-AIR .172 INCH INNER DIAMETER (Not Shown)	9.2 FT
12	51-2708-005	PLATE- TOP- PNEUMATIC CONTROL	1
13	67-730-1	TRAY WELDMENT- PNEUMATIC CONTROL	1
14	69-1430-005	COVER- PNEUMATIC CONTROLS	2
15	75-40-2	HEX HEAD CAP SCREW- 1/4-20X.63 INCH FULL THREAD	8
16	164-41-1	LEVER-VALVE	2
17	142-149-2	HANDLE-JACK	2
18	135-61-2	PIN-SPLIT 3/16 X 7/8	2
19	76-505-2	NUT-COUPLING-5/16-18	REF
20	133-321-2	BUSHING- CYLINDER TIE ROD	REF
21	74-511-2	BOLT-CARRIAGE 5/16-18 X 23 GRADE 5	REF
22	72-465-3	BASE-SWING JACK 5.50 INCH O-RING	REF
23	108-239-3	VALVE ASSEMBLY-SHUT OFF-SWING JACK (Consisting Of:)	1
24	34-206-2	BALL-CAM ACTUATOR	1
25	108-233-2	VALVE-SHUT OFF- 3 WAY	1
26	145-277-2	FITTING-1/8 INCH STREET 90 DEGREE	1
27	137-147-3	HOSE ASSEMBLY-AIR SWING JACK	2
28	12-229-2	CLAMP-1/2 INCH STEEL & RUBBER CABLE LOOP	1
29	145-461-2	FITTING-BULKHEAD 1/8 INCH TO 1/4 INCH	1
30	145-464-2	FITTING-1/8 INCH FPT TO 1/4 INCH PTC	1
31	162-108-2	LOCTITE #545 THREAD SEALANT (Not Shown)	A/R



108-240-1 PNEUMATIC CONTROL ASSEMBLY (6K JACK)

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

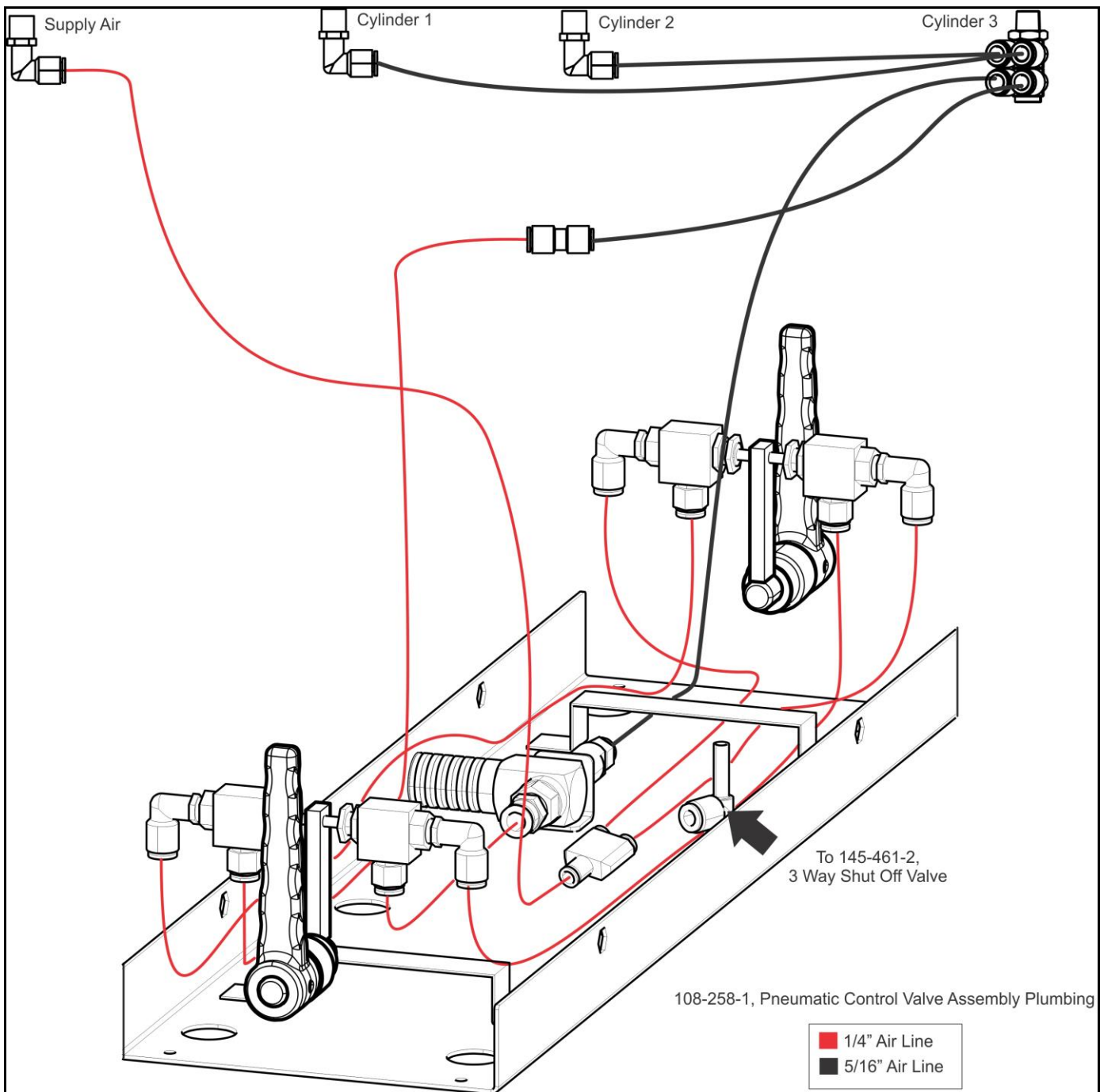
Index No.	Part Number	Description	Qty.
1	108-240-1	PNEUMATIC CONTROL ASSEMBLY (6K Jack) (Consisting Of:)	1
2	145-357-2	FITTING-1/4 INCH PLUG-IN ELBOW	1
3	145-350-2	FITTING-1/4 IN NPT ELBOW SWIVEL	2
4	145-355-2	FITTING-BRANCH (4) 1/4 INCH TUBE-1/4 INCH NPT	1
4a	145-381-2	FITTING-5/16-1/4 UNION PTC	1
5	108-75-2	VALVE-2 WAY POPPET	4
7	145-354-2	FITTING-1/4 INCH TUBE-1/8 INCH	2
8	145-358-2	FITTING-1/8 NPT – 1/4 PTC ELBOW	2
9	145-216-2	FITTING-5/16 TUBEX1/8 NPT ADAPTOR	1
10	16-321-2	TUBE-5/16 INCH OUTER DIAMETER (Not Shown)	4.3125 FT
11	16-423-2	TUBE-AIR .172 INCH INNER DIAMETER (Not Shown)	6.125 FT
12	51-2749-005	PLATE- TOP- PNEUMATIC CONTROL	1
13	67-730-1	TRAY WELDMENT- PNEUMATIC CONTROL	1
14	69-1430-005	COVER- PNEUMATIC CONTROLS	2
15	75-40-2	HEX HEAD CAP SCREW- 1/4-20X.63 INCH FULL THREAD	8
16	164-41-1	LEVER-VALVE	2
17	142-149-2	HANDLE-JACK	2
18	135-61-2	PIN-SPLIT 3/16 X 7/8	2
19	76-505-2	NUT-COUPLING-5/16-18	REF
20	133-321-2	BUSHING- CYLINDER TIE ROD	REF
21	74-511-2	BOLT-CARRIAGE 5/16-18 X 23 GRADE 5	REF
22	72-465-3	BASE-SWING JACK 5.50 INCH O-RING	REF
23	108-239-3	VALVE ASSEMBLY-SHUT OFF-SWING JACK (Consisting Of:)	1
24	34-206-2	BALL-CAM ACTUATOR	1
25	108-233-2	VALVE-SHUT OFF- 3 WAY	1
26	145-277-2	FITTING-1/8 INCH STREET 90 DEGREE	1
27	137-147-3	HOSE ASSEMBLY-AIR SWING JACK	2
28	12-229-2	CLAMP-1/2 INCH STEEL & RUBBER CABLE LOOP	1
29	145-461-2	FITTING-BULKHEAD 1/8 INCH TO 1/4 INCH	1
30	145-464-2	FITTING-1/8 INCH FPT TO 1/4 INCH PTC	1
31	162-108-2	LOCTITE #545 THREAD SEALANT (Not Shown)	A/R



Outrigger Slide Assemblies

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description	Qty.
1	114-94-1	SLIDE ASSEMBLY- LEFT OUTRIGGER (Consisting of:)	1
2	114-95-1	SLIDE ASSEMBLY- RIGHT OUTRIGGER (Consisting of:)	1
3	114-92-1-005	SLIDE WELDMENT- OUTRIGGER- LEFT	1
4	114-93-1-005	SLIDE WELDMENT- OUTRIGGER- RIGHT	1
5	16-1024-005	TUBE- WHEEL SUPPORT	2
6	158-111-2	WHEEL- OUTRIGGER- SWING JACK	4
7	75-792-2	FHSCS 1/4-20X2.25 INCH GRADE 2 ZP	4
8	98-484-2	SPRING-.91 OUTER DIAMETER X1.5 INCH LONG - 496 LB/IN	4
9	77-391-2	WASHER- OUTRIGGER-SJ	4
10	76-500-2	NUT-1/4-20 NYLON-INSERT	4
11	135-529-2	AXLE-OUTRIGGER WHEEL	4
11A	112-139-2	SNAP RING, SS (Not Shown)	4
12	43-148-2	PLUG-JACK WEAR PAD	4
13	12-203-2	CLAMP- 1/4 STEEL & RUBBER CABLE LOOP	1
14	74-512-2	BOLT-SPECIAL-SWING JACK PIVOT	2
15	12-229-2	CLAMP-1/2 STEEL & RUBBER CABLE LOOP	1
16	145-277-2	FITTING-1/8 INCH STREET 90 DEGREE	REF
17	108-233-2	VALVE-SHUT OFF- 3 WAY	REF
18	34-206-2	BALL-CAM ACTUATOR	REF
19	137-147-1	HOSE ASSEMBLY-AIR SWING JACK (Not Shown)	REF



108-258-1 Air Line Plumbing

REFER TO NEXT SHEET FOR THEORY OF OPERATION

Theory of Operation

When the two outside handles are in the “RAISE” position two series connected poppet valves are opened. This allows compressed air to fill the cylinders. When one or both of the handles are released, the flow of compressed air is stopped.

To lower the jack the two handles are turned to the “LOWER” position. This opens two series connected poppet valves allowing air to escape the cylinders. When one or both of the handles are released the “LOWER” valves close stopping the flow of air from the cylinders and preventing the jack from further descent.

Refer to Sheet 6 to identify individual parts.

Decal Information

Decal kits contain all of the decals available for the jack. Individual decals are not available.

133-84-1 (9K Jack): Order 128-1435-3 Decal Kit

133-85-1 (6K Jack): Order 128-1454-3 Decal Kit