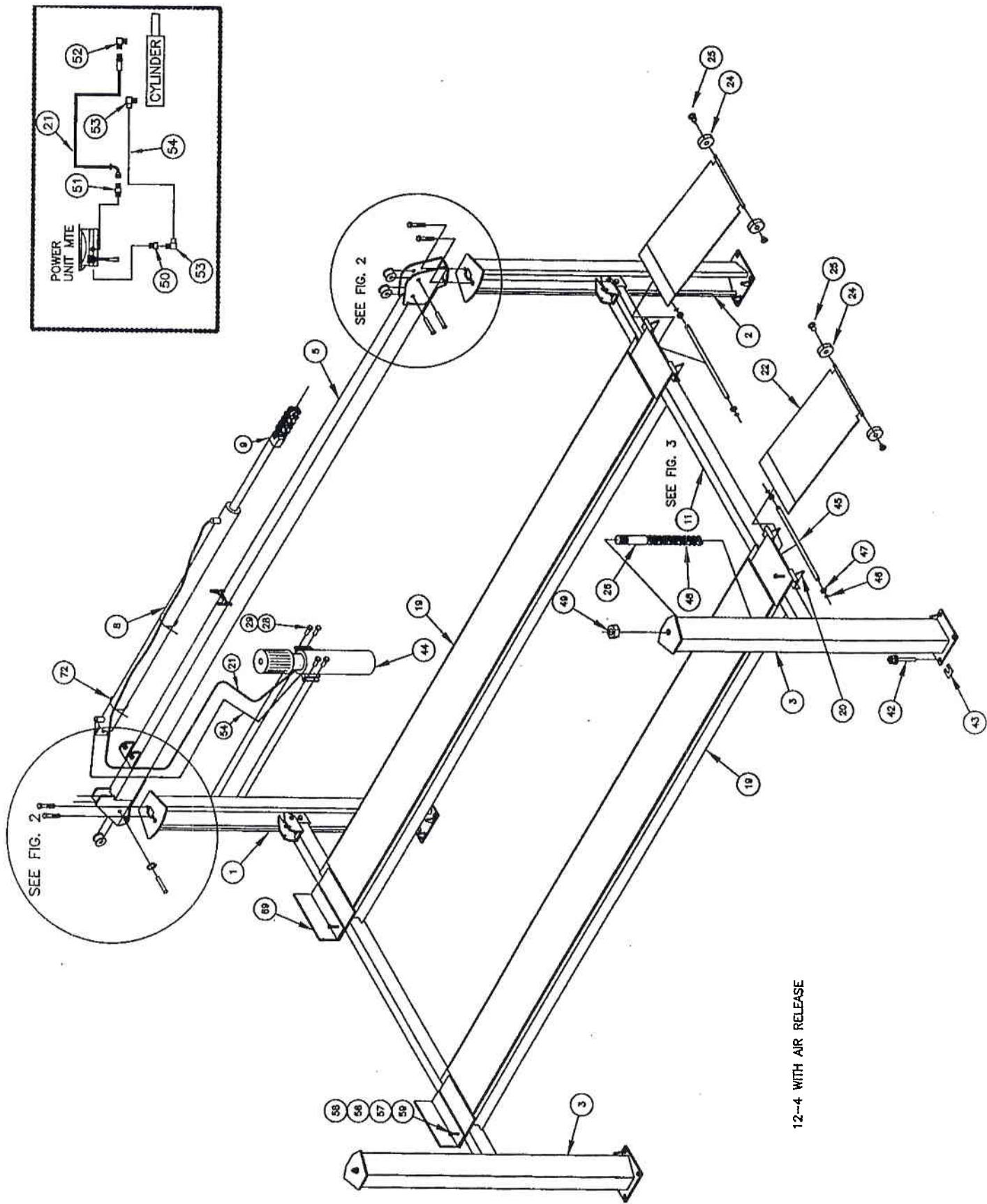


**BEN PEARSON**

**PARTS MANUAL – 12000-4 AIR RELEASE  
12000-4 SN AIR RELEASE**

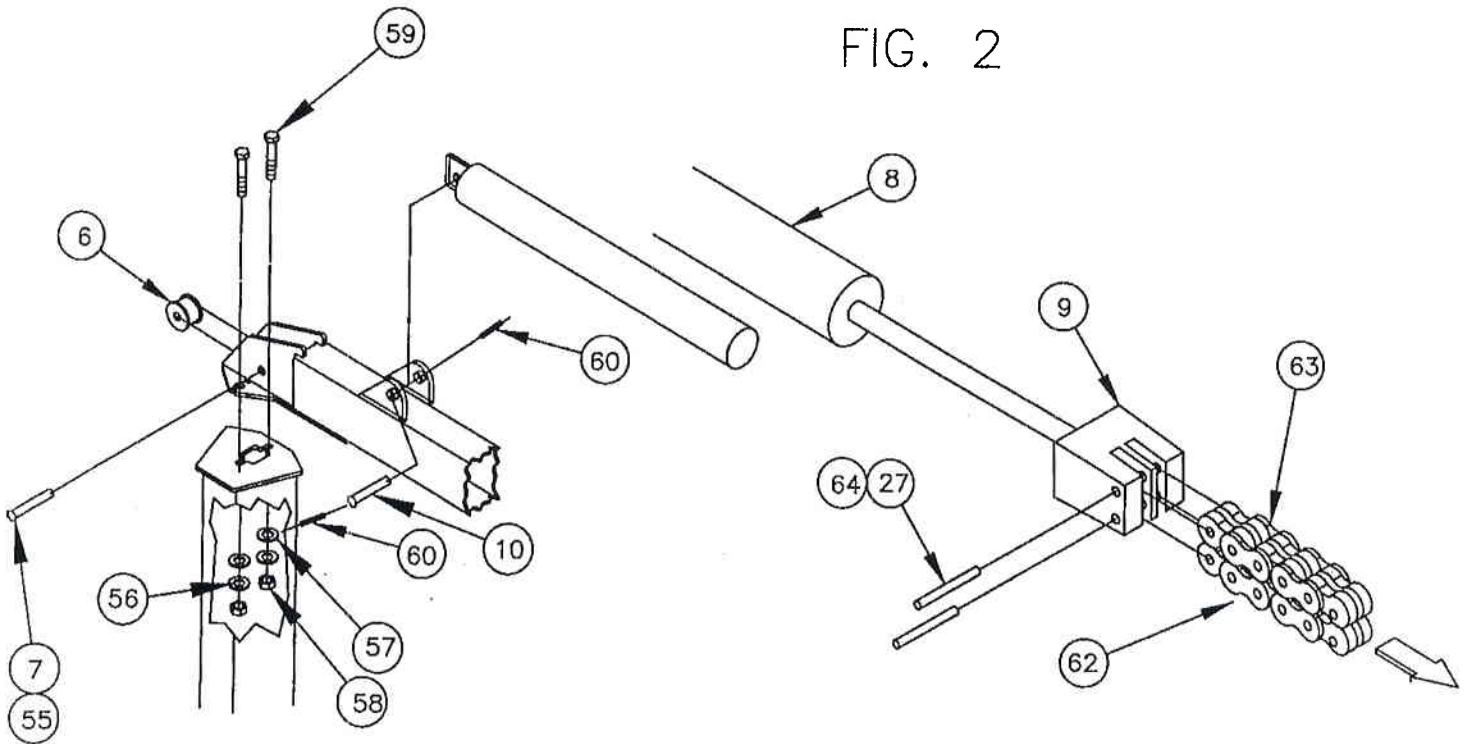
**2912 W. 2ND.  
PINE BLUFF, ARKANSAS 71601  
1-800-436-1327**

FIG. 1



12-4 WITH AIR RELEASE

FIG. 2



12-4 WITH AIR RELEASE

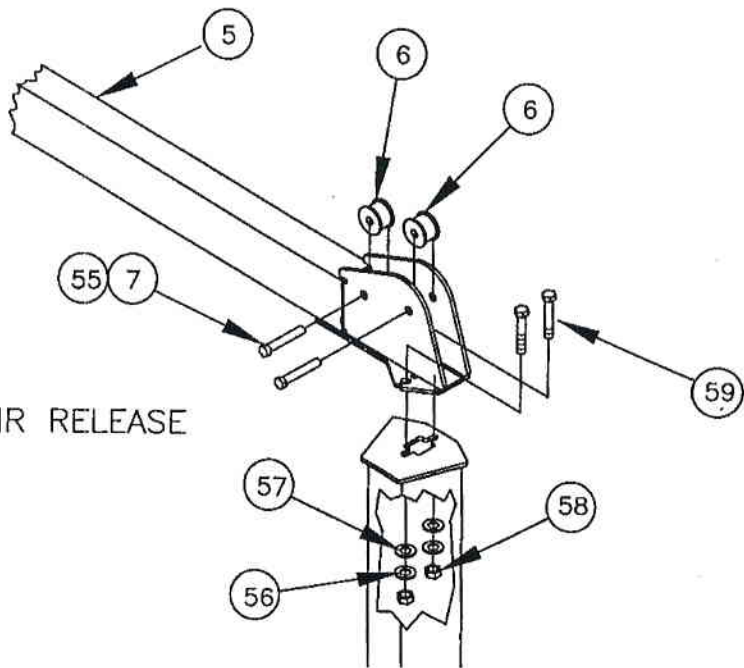
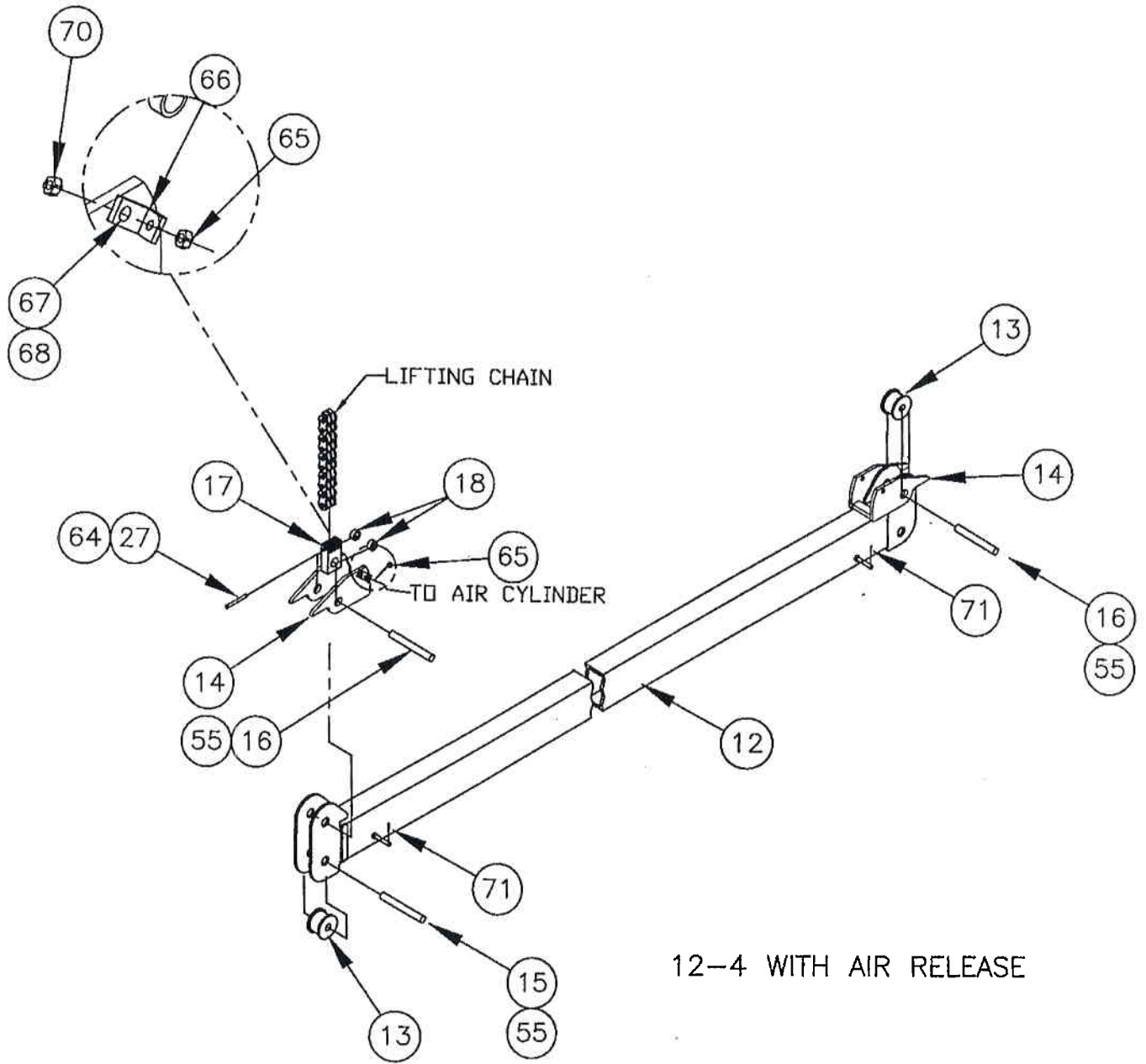


FIG. 3



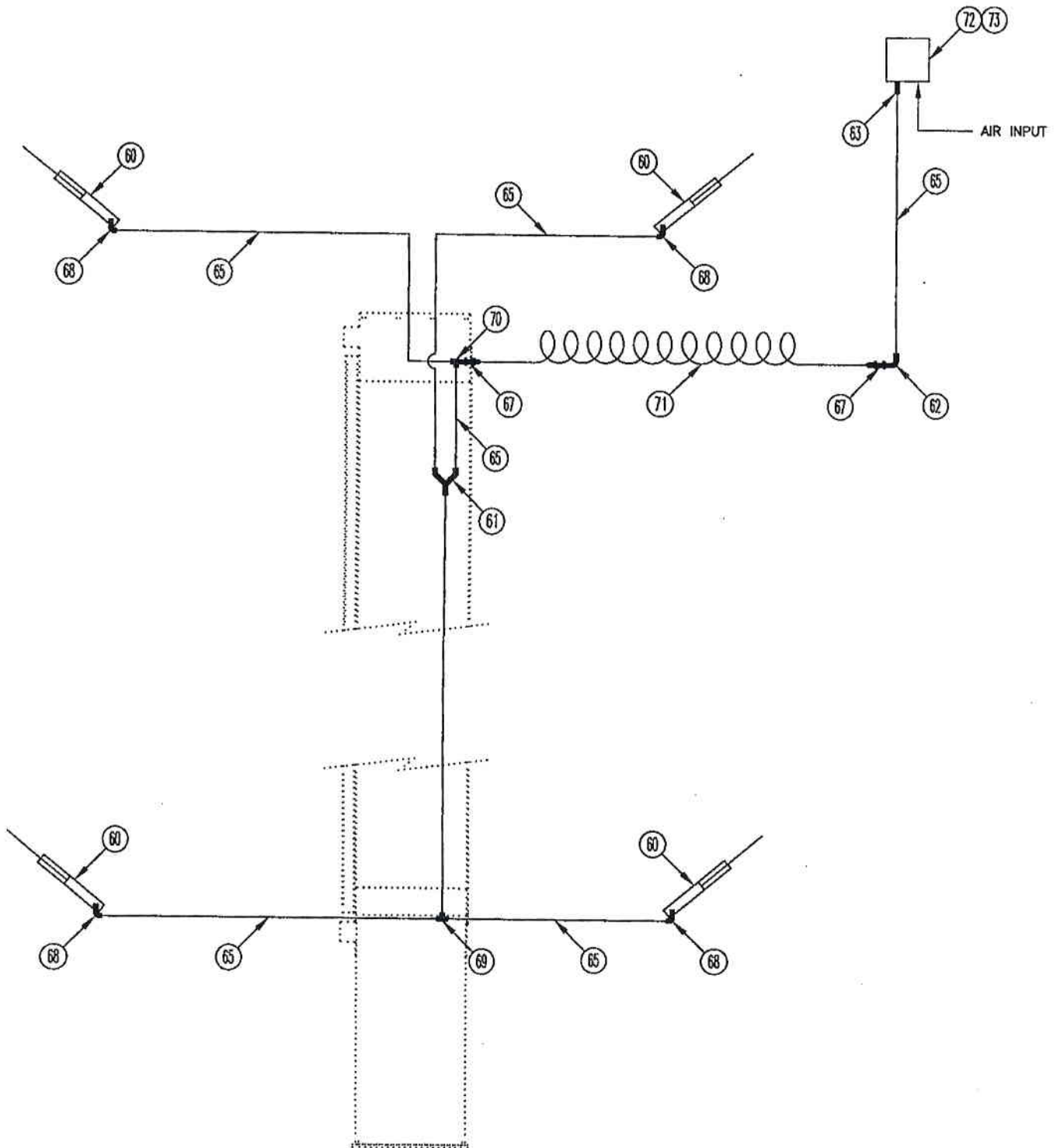
## PARTS LISTING

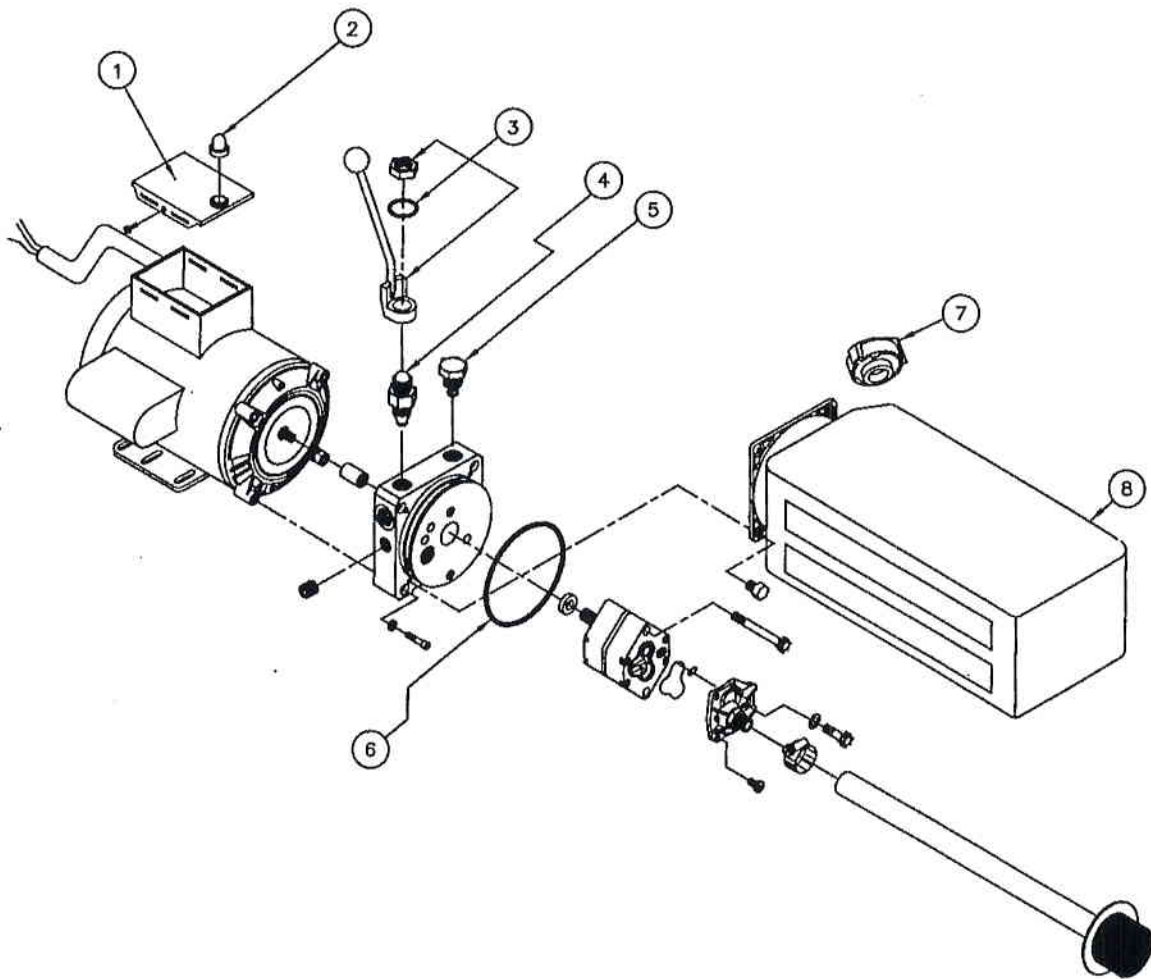
09/01/04

		MODEL	12-4 AIR		12-4 AIR SHORT	
		LIFT PART NUMBER	90130	QT	90132	QT
1	POST STRUCTURE - MAIN P/U		91794	1	91794	1
2	POST STRUCTURE - MAIN REAR		91802	1	91802	1
3	POST STRUCTURE - OFFSIDE		91804	2	91804	2
	5 HORIZONTAL BEAM STR.		91807	1	91875	1
	6 SHEAVE ASSEMBLY		91816	3	91816	3
	7 SHAFT ASSEMBLY - UPPER, HORIZONTAL		91862	3	91862	3
8	CYLINDER		91132	1	91132	1
9	CHAIN ANCHOR - CYLINDER		91776	1	91776	1
10	CYLINDER PIN		91134	2	91134	2
11	CROSS TUBE ASSEMBLY		91819	2	91878	2
	12 CROSS TUBE STRUCTURE		91820	1	91879	1
	13 SHEAVE ASSEMBLY - CROSS CHAIN		91825	2	91825	2
	14 LATCH STRUCTURE		91826	4	91826	4
	15 SHAFT ASSEMBLY - LOWER, CROSSMEMBER		91863	2	91863	2
	16 SHAFT ASSEMBLY - UPPER, CROSSMEMBER		91864	4	91864	4
	17 CHAIN ANCHOR - LIFTING		91775	2	91775	2
	18 SPACER 1" PIPE X .44		91859	4	91859	4
19	TRACK STRUCTURE		91830	2	91881	2
20	BAR STRUCTURE - ADAPTER, RAMP		91839	2	91839	2
69	STOP - TRACK END		91772	1	91772	1
#	RAMP ASSEMBLY		91865	2	91865	2
	22 RAMP STRUCTURE		91850	2	91850	2
	# TREAD PAPER		56500	6	56500	6
	24 ROLLER RAMP		91793	4	91793	4
	25 RETAINER 1/2"		91801	4	91801	4
45	PIN - HINGE, RAMP		91792	2	91792	2
62	CHAIN - LONG (279-3/4") SHORT (252-3/4")		91790	1	91887	1
63	CHAIN - SHORT (95-1/4")		91788	2	91788	2
48	CHAIN - CROSS (206-1/4") SHORT (192-3/4")		91789	1	91888	1
	26 ANCHOR - ADJUSTABLE		91781	2	91781	2
	27 PIN - CHAIN - LIFTING		91778	2	91778	2
	# PIN - CHAIN - CROSSOVER		91779	1	91779	1
	64 RETAINING RING 5/16"		103032	16	103032	16
21	HYDRAULIC HOSE 145" / 125"		91860	1	91889	1
50	ADAPTER 9/16ORB X 3/8 NPT		105065	1	105065	1
51	ADAPTER 9/16ORB X 9/16 JIC		60544	1	60544	1
52	ELBOW 3/8 MALE NPT X 9/16JIC		105004	1	105004	1
53	MALE ELBOW 3/8NPT X 3/8 TUBING		105049	2	105049	2
54	3/8" TUBING - BLACK 75" / 61"		91861	1	91892	1
#	HARDWARW KIT - POWER UNIT		95009	1	95009	1
	28 HHFL SCREW 5/16 X 18NC X 3/4 GR.5		100234	4	100234	4
	29 HH FL NUT 5/16 X 18NC		100237	4	100237	4
#	AIR KIT		91866	1	91866	1
	30 VALVE - AIR		105038	1	105038	1
	31 ACTUATOR - VALVE		105039	1	105039	1
	32 MALE CONNECTOR - 1/4]TUBE X 1/8 PIPE		105048	1	105048	1
	33 1/4 O.D. TUBING		50100	50	50100	50
	34 MALE ELBOW - 1/4 TUBING X 1/4 PIPE		105047	1	105047	1
	35 ANCHOR COUPLING		105050	2	105050	2
	36 COIL HOSE		105018	1	105018	1
	37 MALE RUN TEE - 1/4 TUBE X 1/8 PIPE		105053	1	105053	1
	38 MALE ELBOW - 1/4 TUBE X 1/8 PIPE		105051	4	105051	4
	39 CYLINDER - AIR, ACTUATING		91787	4	91787	4

MODEL		12-4 AIR		12-4 AIR SHORT	
LIFT PART NUMBER		90130	QT	90132	QT
	40 UNION "Y" CONNECTOR - 1/4 TUBE	105046	1	105046	1
	41 UNION TEE - 1/4 TUBE	105052	1	105052	1
42	ANCHOR BOLT 3/4 X 4-3/4	9500	16	9500	16
43	SHIMS	95001	24	95001	24
44	POWER UNIT	95011	1	95011	1
46	SNAP RINGS 3/4"	103000	8	103000	8
47	FLATWASHER 3/4"	100512	10	100512	10
49	NYLOCK NUT 3/4 X 10NC	101035	2	101035	2
55	1" SNAP RING	103029	13	103029	13
56	LOCKWASHER 1/2	100125	20	100125	20
57	FLATWASHER 1/2	100152	36	100152	36
58	HEX NUT 1/2 X 13NC	100124	20	100124	20
59	HEX SCREW 1/2 X 13NC X 2 GR. 5	100016	20	100016	20
60	ROLL PIN 1/4" X 2	103003	2	103003	2
65	1/4-28NF HEX NUT	101034	4	101034	4
66	LINK - AIR CYLINDER	91867	4	91867	4
67	HFHSL SCREW 3/8-16NC X 1-1/4"	100382	4	100382	4
68	LOCKING NUT 3/8-16NC	100083	4	100083	4
70	1/4-28NF NYLONNUT	101022	4	101022	4
71	COTTER PIN 1/8 X 3/4	100175	4	100175	4
#	KFR - 17 RELIEF VALVE	105028	1	105028	1
#	NAME PLATE	62249	1	62249	1
72	PLASTIC TIE	103015	3	103015	3
#	BEN PEARSON DECAL	95005	2	95005	2
#	PB1800 DECAL 2 X 5 MYLAR	95006	1	95006	1
#	CAUTION DECAL	95008	1	95008	1
#	MANUAL	95087	1	95087	1
#	BLUE TOUCH-UP PAINT ( SPRAY)	103007	1	103007	1
#	YELLOW TOUCH-UP PAINT (SPRAY)	103008	1	103008	1
#	ALI DECALS, 4-POST	95164	1	95164	1

# Schematic for Air Release System 12000AL - AIR





ITEM NO.	DESCRIPTION	PART #	QTY.
1	MICROSWITCH WIRING ASSY	95086	1
2	MICROSWITCH BOOT	95075	1
3	MANUAL RELEASE ASSY	95041	1
4	MANUAL RELEASE VALVE	95035	1
5	VALVE CARTRIDGE CHECK	95036	1
6	RESERVOIR O-RING	95076	1
7	BREATHER	95044	1
8	RESERVOIR	95040	1