



SEQUENCE OF OPERATION:

CATENARY ARM: CONTROLLED BY 4 WAY, 2 POSITION, MANUALLY OPERATED, DETENTED VALVE.
 PINHOLE DETECTOR SHUTTERS: CONTROLLED BY 4 WAY, NORMALLY CLOSED, NORMALLY OPEN, NO NEUTRAL POSITION, DOUBLE SOLENOID OPERATED VALVE.
 STOCK GUIDES: CONTROLLED BY 4 WAY, 2 POSITION, MANUALLY OPERATED, DETENTED VALVE.
 STOCK HOLDER & FEED ROLL: CONTROLLED BY 4 WAY, 2 POSITION, SINGLE SOLENOID OPERATED, SPRING RETURN VALVE.
 CLUTCH & BRAKE: CONTROLLED BY 3 WAY, DOUBLE SOLENOID OPERATED VALVE.

NOTE:
 USE "FARKER-HANNF" COMPRESS-A-LON FITTINGS.
 ALL TUBING TO BE .375 UNLESS NOTED.
 .25-.5 TUBING - .035 WALL

NEW	OLD
EB	2
P	3
EA	5

24	14	VALVE - BALL "MOT" STYLE #D0053 .25 NPT	091023
23	1	CLUTCH "FARKER" #D08200	229670
22	1	FARM-CURGE-"LITTELL"-COUNTERBALANCE	C-20907
21	2	REGULATOR "MORGREN" #M2-400-MFL-A .50 NPT 0-125 PSI	093938T
20	2	PISTONCK - SHUTOFF "MATERIAL" .25 NPT BRASS #4SE	C-0988
19	2	CYLINDER - AIR "MALLER" COUNTERBALANCE	S-2899
18	1	ACTUATOR - AIR "PREDSTONE" AIR STROKE #M	092071
17	1	CYLINDER "MANN" AIR .75 BORE X 4.00 STROKE, SPRING RETURN #M-D-E	093378
16	1	CYLINDER "LITTELL" AIR .75 BORE X .50 STROKE	A-8989T A-1434T
15	2	CYLINDER "MAMA" DBL. ACTING, .75 BORE X 2.0 STROKE #M-D-E	
14	1	VALVE - AIR "MORGREN" #M-03-207 0-30 PSI	093943
13	1	CYLINDER "MALLER" AIR .375 BORE X 4.0 STROKE #MB	092668
12	1	VALVE "ORACLE SEAL" #248-S-4PP-200 .5 NPT FEMALE	092423
11	1	VALVE "ROSS" 3 WAY DBL. SOLENOID, VALVE NC #2373AS004-.75 NPT EB V - 60 HC	093704
10	1	VALVE "MANTAC" 4 WAY, SING. SOLENOID, SPRING RETURN #M-D-E	093395
9	1	VALVE "SONNEN" AIR 4 WAY, DBL. SOLENOID, IS V-60 HC #M-D-E	096320
8	1	VALVE "MANN" AIR STRAIGHT HANDLE LOCK TYPE, 1/2" NPT	091224
7	2	VALVE "MANT" MAN OPERATED, PALM BUTTON #0253R-H .25 NPT	093940
6	1	BRAKE "FARKER" #MCSA200	26723
5	6	VALVE "MORGREN" AIR #M-02-203 0-40 PSI	093948
4	1	VALVE "ROSS" MAN OPERATED, PALM BUTTON, GREEN	094871
3	6	REGULATOR "MORGREN" #M2-300-DM .375 NPT 2-125 PSI	093936
2	1	LUBRICATOR "MORGREN" #L2-400-MFL-A .5 NPT	093941
1	1	FILTER "MORGREN" AIR #F2-400-MFL-A .5 NPT	093939

PARTS LIST
 INCHES UNLESS SPECIFIED
 DIMENSIONS: TOLERANCE ± .005 UNLESS NOTED
 1 AND 1/4 1/4" SC R 7009
 X.XX 1/4" SC R 7009
 X.XXX 1/4" SC R 7009
 X.XXXX 1/4" SC R 7009
 ANGLES: 0° - 30°
 BREAK SHARP CORNERS 1/4" UNLESS OTHERWISE SPECIFIED

88350-85
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