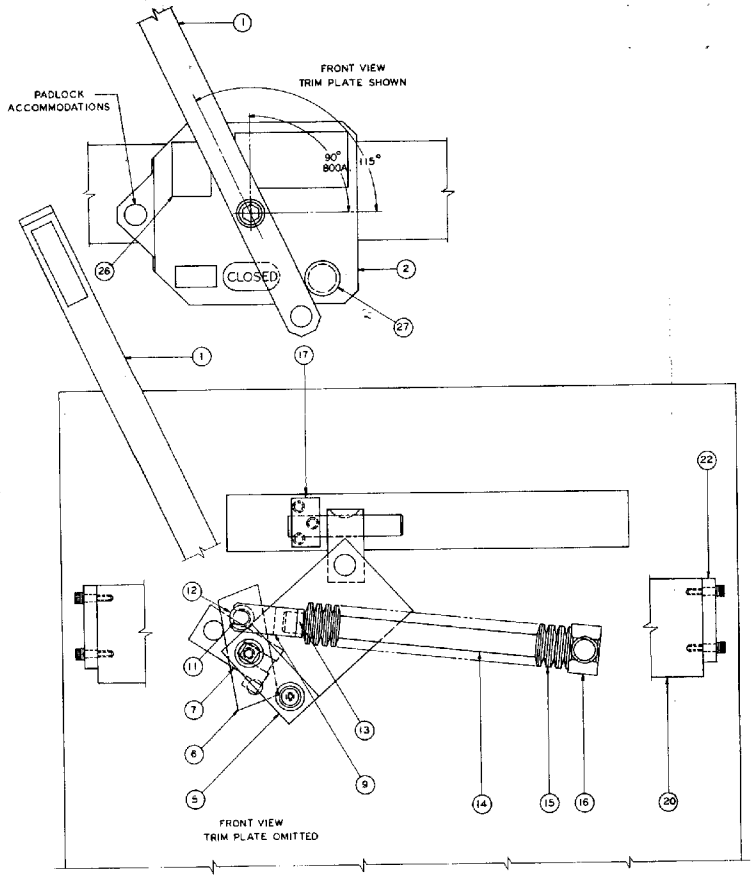
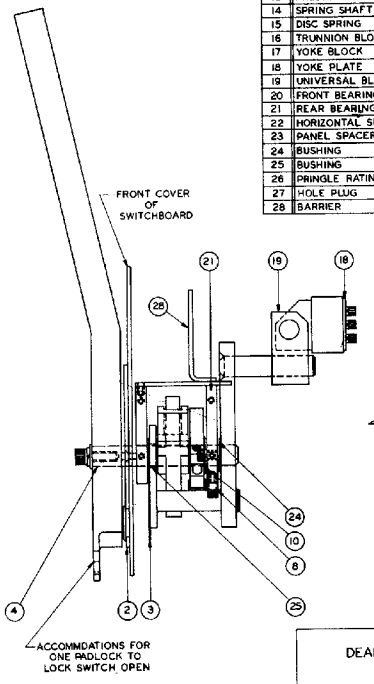




NOTES:

LUBRICANT

PERIODICALLY ALL PIVOT POINTS SHOULD BE LUBRICATED WITH A MINIMUM AMOUNT OF LIGHT OIL

THIS DWG. MAY ALSO BE USED TO IDENTIFY 3000A. & 4000A. MECHANISMS

3000A. & 4000A. HAVE A DOUBLE SPRING ASSEMBLY. THIS SECOND SPRING IS SMALLER & IS MOUNTED ON THE LEFT SIDE OF THE OPERATING SHAFT FACING THE SWITCH.

SERIAL Nº MUST BE SPECIFIED WITH THIS DRAWING

THIS MECHANISM MANUFACTURED FROM DEC. 1969 TO

FOR SWITCHES SEE C-51900

PART	DESCRIPTION	
1	OPERATING HANDLE	(ALUMINUM
2	TRIM PLATE	(STEEL)
3	INDICATOR PLATE	(STAINLESS STEEL)
4	OPERATING SHAFT	(C.R. STEEL)
5	OPERATING LEVER	(STEEL)
6	SPRING CAM	(C.R. STEEL)
7	SPRING LOADER	(ALLOY STEEL)
8	STOP PLATE	(C.R. STEEL)
9	SPRING CLEVIS	(C.R. STEEL)
10	WASHER (3)	(STAINLESS STEEL)
11	PIN (SPRING CAM)	(STAINLESS STEEL)
12	WASHER (2)	(BRASS)
13	PRESSURE PLATE	(C.R. STEEL)
14	SPRING SHAFT	(STAINLESS STEEL)
15	DISC SPRING	(SPRING STEEL)
16	TRUNNION BLOCK	(C.R. STEEL)
17	YOKE BLOCK	(C.R. STL. | STAIR. STL.)
18	YOKE PLATE	(C.R. STEEL)
19	UNIVERSAL BLOCK	(BRONZE)
20	FRONT BEARING SUPPORT	(ALUMINUM)
21	REAR BEARING SUPPORT	(ALUMINUM)
22	HORIZONTAL SUPPORT (2)	(ALUMINUM)
23	PANEL SPACER	(ALUMINUM)
24	BUSHING	(BRONZE)
25	BUSHING	(BRONZE)
26	PRINGLE RATING PLATE	
27	HOLE PLUG	
28	BARRIER	(POLY. LAM.)

REV	DATE	CHANGE
2	7-16-85	REDRAWN & PT. 23 WAS VER. SUPP
1	8-16-78	ADDED PARTS 27 & 28, NEW STYLE HANDLE, TRIM PLATE AND SPRING CAM

TYPE QA
DEAD FRONT MECHANISM
FOR
800A.—4000A.

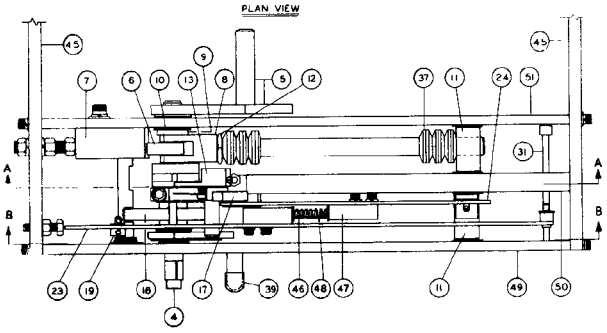
PRINGLE ELECTRICAL MFG. CO.
FORT WASHINGTON, PA. U.S.A.

TOLERANCES UNLESS OTHERWISE NOTED
FRACTIONS ± ____
DECIMALS ± ____
DEGREES ± ____

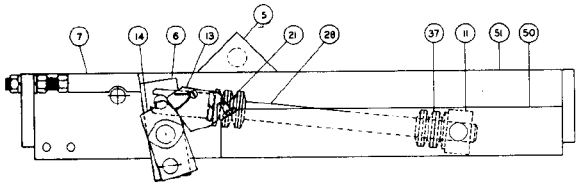
ORDER ____
SCALE —/— DATE 11-12-70
DRAWN BY AT CHECKED BY GMS

C-51901

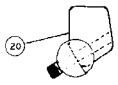
PLAN VIEW



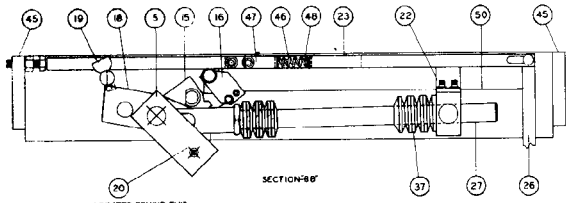
PART	DESCRIPTION	PART	DESCRIPTION
1	OPERATING HANDLE	41	YOKE
2	INDICATOR PLATE	42	YOKE BLOCK
3	TRIM PLATE	43	UNIVERSAL BLOCK
4	OPERATING SHAFT	44	YOKE PLATE
5	OPERATING LEVER	45	HORIZONTAL SUPPORTS
6	SPRING CAM (CLOSING)	46	SPRING (LINK)
7	CLOSING CAM STOP	47	SPRING BLOCK
8	SPRING CLEVIS	48	GUIDE PIN - LINK SPRING
9	SPACER	49	FRONT BEARING SUPPORT
10	WASHERS	50	MIDDLE BEARING SUPPORT
11	TRUNNION BLOCK	51	REAR BEARING SUPPORT
12	PRESSURE NUT	52	LABEL (TRIM PLATE)
13	PAWL	53	LABEL (CAUTION- HANDLE)
14	CLOSING CATCH	54	LABEL (IMPORTANT- HANDLE)
15	SPRING LOADER	55	RATING PLATE (TRIM PLATE)
16	HANDLE CATCH SUPPORT	56	HANDLE STOP (2)
17	HANDLE CATCH		
18	SPRING CAM (OPENING)		
19	OPENING SPRING CAM LATCH PIN		
20	OPENING SPRING CAM ARM (SEE DETAIL C)		
21	PAWL TRIP STOP		
22	HANDLE CATCH ACTUATOR		
23	OPENING TRIP LINK		
24	HANDLE CATCH LINK		
25	MANUAL TRIP LINK		
26	TRIP LEVER		
27	OPENING SPRING SHAFT		
28	CLOSING SPRING SHAFT		
29	SOLENOID		
30	SOLENOID SUPPORT		
31	TRIP LEVER PIVOT PIN		
32	HANDLE STOP PIN (USED AS VISUAL GUIDE)		
33	PUSH BUTTON ARM		
34	HANDLE REJECTION PIN		
35	FUSE DOOR INTERLOCK ROD & COVER		
36	OPENING CATCH PIN BEARING		
37	DISC SPRINGS		
38	PUSHBUTTON SUPPORT		
39	PUSHBUTTON & COVER		
40	PUSHBUTTON BEARING SUPPORT		



SECTION 'AA'

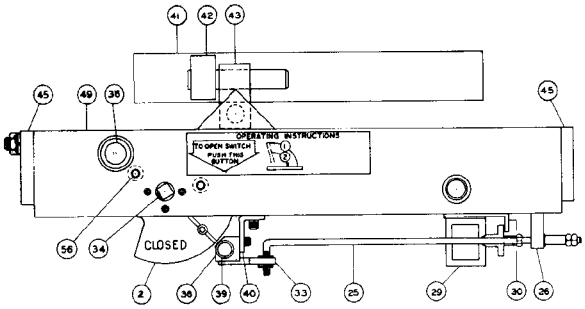


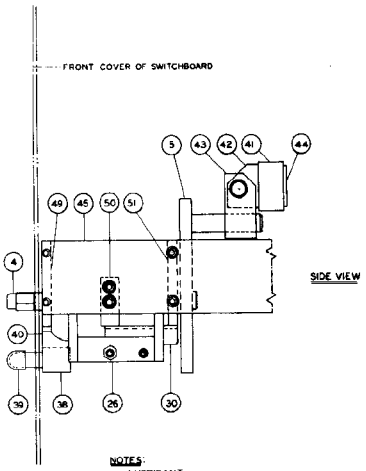
DETAIL-C
LOCATED ON A SPRING LOADED SHAFT IN THE TIE BAR OF THE OPERATING LEVER



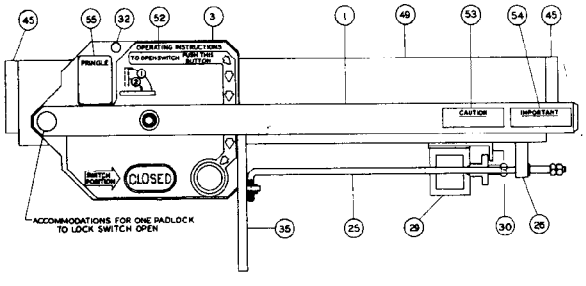
SECTION 'BB'

LOCATED BEHIND THIS PART OF THE OPERATING LEVER
SEE DETAIL-C





SIDE VIEW



FRONT VIEWS

NOTES:

LUBRICANT

PERIODICALLY ALL PIVOT POINTS SHOULD BE LUBRICATED WITH A MINIMUM AMOUNT OF LIGHT OIL

THIS DWG. MAY ALSO BE USED TO IDENTIFY 3000A & 4000A MECHANISMS

3000A & 4000A HAVE DOUBLE SPRING ASSEMBLY. THIS SECOND SPRING IS SMALLER & IS MOUNTED ON THE LEFT SIDE OF THE OPERATING SHAFT FACING THE SWITCH

THIS MECHANISM MANUFACTURED FROM

FOR SWITCHES SEE C-51900

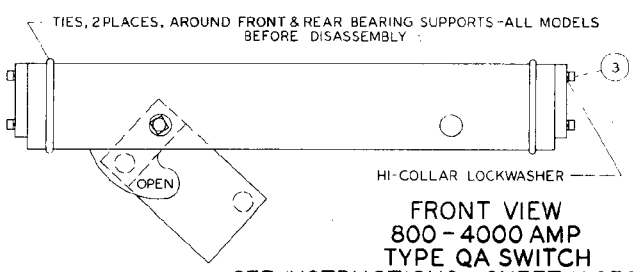
JULY. 1972-TO-
REV. NR1 5-15-75
REV. NR.2 2-27-76
REV. NR.3 3-14-77

TYPE QA-CBC
DEAD FRONT MECHANISM
FOR
800A - 4000A

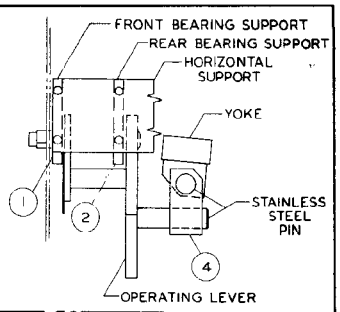
PRINGLE ELECTRICAL MFG. CO.
FORT WASHINGTON, PA.

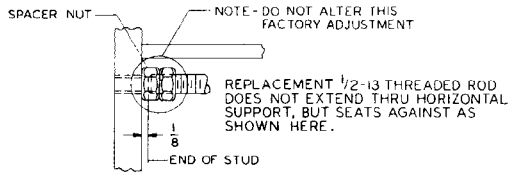
ORDER
SCALE
DATE 4-11-77
DRAWN BY T.L.AUKETT CHECKED BY

D-62340

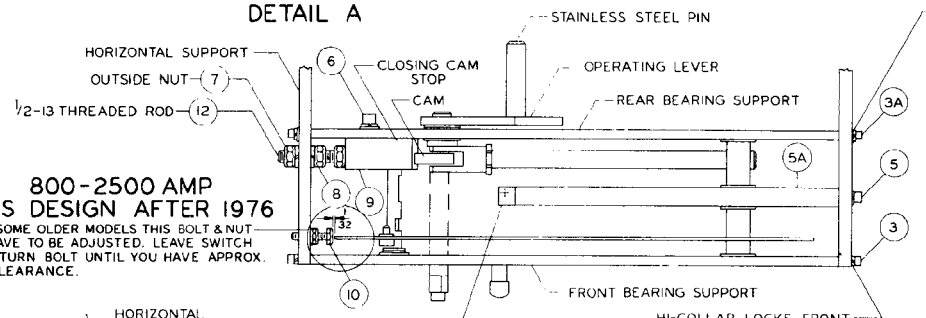


FRONT VIEW
800 - 4000 AMP
TYPE QA SWITCH
SEE INSTRUCTIONS - SHEET H SECTION IV



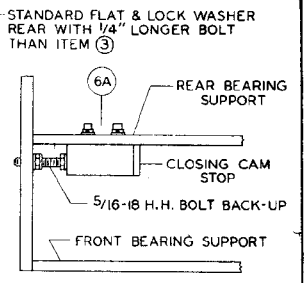


DETAIL A

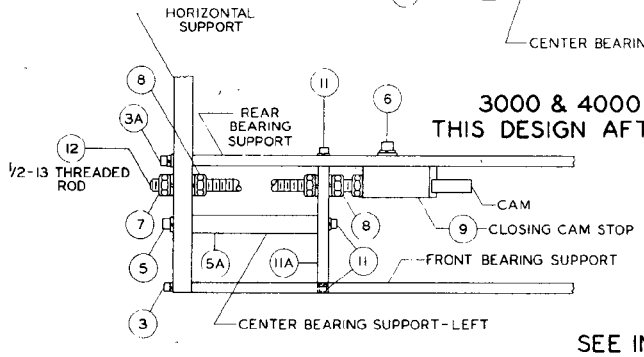


800 - 2500 AMP
THIS DESIGN AFTER 1976

DO TO SOME OLDER MODELS THIS BOLT & NUT MAY HAVE TO BE ADJUSTED. LEAVE SWITCH OPEN, TURN BOLT UNTIL YOU HAVE APPROX. 1/32 CLEARANCE.



TYPICAL STOP
THIS DESIGN
PRIOR TO 1976

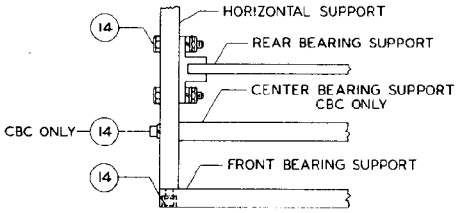


3000 & 4000 AMP
THIS DESIGN AFTER 1976

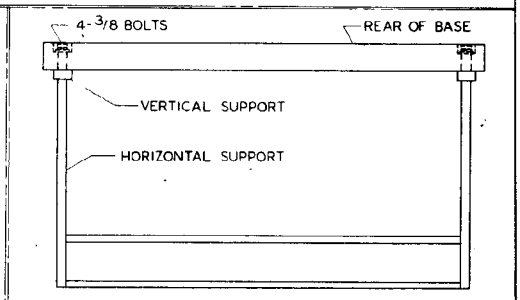
NOTE:
FOR COMPLETE PARTS REFERENCE, REFER TO PRINGLE DWG. D-62340

PLAN VIEW
800 - 4000 AMP
TYPE CBC SWITCH
SEE INSTRUCTIONS - SHEET H, SECTION V

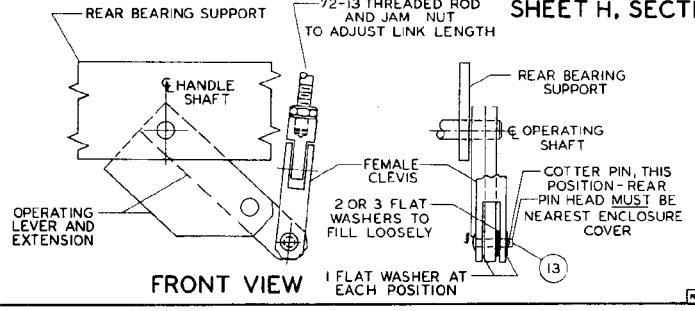
PLAN VIEW
TYPICAL RIGHT & LEFT - LEFT SHOWN



5000 & 6000 AMP
TYPICAL QA & CBC
SEE INSTRUCTIONS
SHEET H, SECTION VI



DETAIL B - PLAN VIEW
SEE INSTRUCTIONS - SHEET H, SECTION VII



FRONT VIEW

TYPE QA & CBC
FIELD INSTALLATION INSTRUCTIONS
FOR
DEAD FRONT MECHANISMS
800A. - 6000A.

PRINGLE ELECTRICAL MFG. CO.
FORT WASHINGTON, PA. U.S.A.

TOLERANCES UNLESS OTHERWISE NOTED	ORDER
FRACTIONS	SCALE DATE 1-25-81
DECIMALS	DRAWN BY PA CHECKED BY P.A.
DEGREES	C-67340

REV	DATE	CHANGE