

OPTION	ISSUES	REMARKS
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B	2	TABLE B
C	1	TABLE B
D	1	TABLE B
E	2	TABLE B
F	2	TABLE B
G	4	TABLE E
H		
I		
J		
K		
L	1	NOTES 355
M		
N		
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Q		
R	1	NOTES 355, 356
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Y	1	
Z		
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TABLE E
ENGINEER'S AND INSTALLER'S INFORMATION
FOR
S.A.T.T. SYSTEM TYPE A

CLASS (ON WHOLE LEVEL)	MARK ON EC	FIGURE 2B			FIGURE 6B		
		UPPER 100 LINES (ONLY)	LOWER 100 LINES (ONLY)	BOTH HUNDREDS	UPPER 100 LINES (ONLY)	LOWER 100 LINES (ONLY)	BOTH HUNDREDS
1 OR 4	(NONE)						
2 OR 5	GROUND	LEFT NORMAL- POST SPRINGS		LEFT N-P SPGS & WRG G	LEFT NORMAL- POST SPRINGS		LEFT N-P SPGS & WRG G
3 OR 6	-BATT. THRU 500 Ω		RIGHT NORMAL- POST SPRINGS	RIGHT N-P SPGS & WRG RS			RIGHT N-P SPRINGS

TABLE C
FEWER THAN 100 CLASS A LINES AND FEWER THAN 100 CLASS C LINES
(NOTE 55A)

P-A-B-X STATION CLASS OF SERVICE	CLASS MARK ON EC	N.P. SPGS. OPERATED	BANK ON WHICH LINE SHALL BE LOCATED
A	FROM C	LEFT	UPPER
B	NONE	RIGHT	LOWER
C	FROM C THRU 2000 Ω	-	EITHER

TABLE D
MORE THAN 100 LINES CLASS A OR CLASS C
(NOTE 55B)

EC LEAD TO SHELF JK	CLASSES POSSIBLE ON LEVELS OF:		N.P. SPGS OPERATED	
	UPPER BANK	LOWER BANK	LEFT	RIGHT
21 (MORE CLASS A LINES THAN CLASS C LINES)	A B C	A B C		X
7 (MORE CLASS C LINES THAN CLASS A LINES)	A B C	A B C	X	

ENGINEER'S AND INSTALLER'S INFORMATION FOR
LINE FINDER USED WITH P-A-B-X SELECTOR H-580368-A OR EQUIV.

TABLE A - FIGURES

FIG.	USES SUFFIXES	100 LINE 400 PT. BANK	200 LINE 600 PT. BANK	200 LINE 800 PT. BANK	N.P. SPGS. ("W" APP.)	MESSAGE REG. RLYS. (SINGLE PARTY METERING)
1	A, C		X			
2	A, B, C		X		X	
3	A, C		X			
4	A, C		X		X	
5	A, B		X		X	X
6	A, B		X		X	X
7	A, C, D	X		X		X

TABLE B - SUFFIXES

SUFFIX	"A" WRG. DIODE BLKING IN C LEAD	"B" WRG. THRU "C" LEAD. (NOTE 57)	"C" WRG. LOOP SEIZURE OF SUCC. SW.	"D" WRG. BAT. SEIZURE OF SUCC. SW. (TYPE A CIR. SYSTEMS)	FIG. 7 ONLY	
					STANDARD ("E" WRG.)	TRK. FINDER REQ. HUNT (H) LEAD ("F" WRG.)
A	X		X		X	
B	X		X		X	
C		X	X	X	X	
D		X	X		X	X

ENGINEERING NOTES:

51-ENGINEER SHALL INSTRUCT INSTALLER TO CUT "L" STRAP WHEN USED WITH REGISTER SENSOR ACCESS CIRCUIT H-850348-A FIG. 1A OR EQUIVALENT.

52-ADJUST NORMAL POST SPRINGS TO OPERATE ON LEVELS HAVING RESTRICTED SUBSCRIBERS. LEFT NORMAL POST SPRINGS ARE FOR UPPER BANK. RIGHT NORMAL POST SPRINGS ARE FOR LOWER BANK (NOTE 56).

53-WIRE FOR RESTRICTED OR SPECIAL SERVICE AS REQUIRED. REFER TO SUCCEEDING SWITCH CIRCUIT. FOR GROUND FOR LINES REQUIRING GROUND ON THE "EC" LEAD, STRAP "EC" LEAD TO "C" LEAD.

54-FIGURE 3 CAN BE USED TO PROVIDE INDIVIDUAL LINE RESTRICTION IF REQUIRED. ENGINEER SHALL INSTRUCT INSTALLER TO CABLE EC LEAD TO JACK POINT 20 (NOTES 53 & 56).

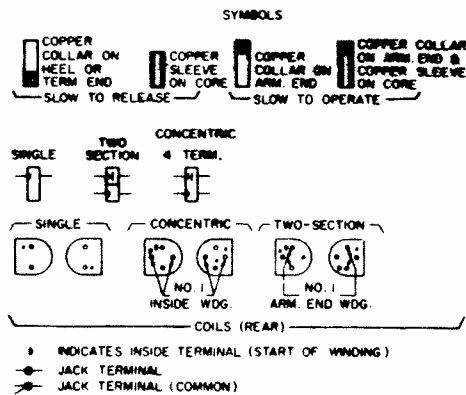
55-ENGINEER SHALL ORDER ONE 2000-ΩHM 1-WATT RESISTOR PER LINE FINDER TO BE STRAPPED BETWEEN SHELF JACKS 7 & 21 IN PLACE OF "RS" STRAP WHEN FIGURE 2 IS USED WITH A 3-CLASSES-OF-SERVICE SELECTOR (H-580338-A OR EQUIV.).

55A-IF MAXIMUM NUMBER OF LINES IN EITHER CLASS A OR CLASS C IS 100, BOTH SETS OF NORMAL POST SPRINGS CAN OPERATE ON THE SAME LEVEL (SEE TABLE C).

55B-IF MORE THAN 100 LINES OF CLASS A OR C, RESTRICTION ARE REQUIRED IN A 200 LINE GROUP. INSTRUCT INSTALLER TO ADD "RS" STRAP TO ALL FINDERS IN THE GROUP AND WHETHER TO CONNECT THE EC LEAD TO SHELF JACK 7 OR 21. ONLY ONE SET OF NORMAL POST SPRINGS CAN OPERATE ON ANY LEVEL (SEE TABLE D).

56-IF MORE THAN ONE RESTRICTED OR SPECIAL SERVICE IS REQUIRED, STRAP "W" CAN BE CUT AND BOTH JACK PTS 7 & 21 (AND 20 ON FIG. 4) CAN BE USED SEPARATELY AS EC AND EC1, OR AS REQUIRED. AN "RS" STRAP (AS SHOWN ON FIG. 2) CAN ALSO BE ADDED BY THE INSTALLER ON FIGS. 2, 4, & 6 WHEN RESTRICTION ON BOTH UPPER AND LOWER GROUPS BY A SINGLE SET OF N.P. SPRINGS IS REQUIRED.

57-A THRU C LEAD IS REQUIRED WHEN GROUND OR BOOSTER BATTERY IS TO BE PROJECTED FORWARD FROM THE LINE EQUIPMENT OR CONNECTOR THRU THE LINEFINDER TO SUCCEEDING SWITCHES, SERIES 300 SYSTEMS HAVING CAMP-ON AND OVERRIDE ON THE OPERATORS OUTGOING TO LINE EQUIPMENT TRUNKS AND DIRECTORY NUMBER REVERTING CALL CONNECTORS (H-580142-A AND SIMILAR) USE THIS METHOD OF OPERATION.



MANUFACTURING NOTES:

- 1-SHELF JACKS 9 & 11 MAKE CONTACT WHEN SWITCH IS REMOVED.
- 2-CAM SPRINGS OPERATE ON 11TH ROTARY STEP
- 3-"L" & "R" STRAPS TO BE PROVIDED ON ALL SWITCH POSITIONS. SEE REAR OF SHELF JACK.
- 4-RELAY UB SPRING NUMBERS IN PARENTHESES ARE FOR FIGURES 1 & 3.

58 EXTRA SET OF V.O.N.
SPRINGS INSTALLED & WIRED
ON JACKS 21 & 20 TO
SUPPLY + GROUND TO
POWER RECTIFIER
CONTROL RELAYS. WHEN
LINE FINDER CLOSES
THESE CONTACTS POWER
RECTIFIER RELAYS OPERATE
AND TURN ON 110V A-C.
TO RECTIFIER ALL DURING
OPERATION OF LINE FINDER.

GTE

STOCKLIST OH-580368-A24 (FIG. 3)
STOCKLIST OH-580368-A23 (FIG. 5)
STOCKLIST OH-580368-A22 (FIG. 4)
STOCKLIST OH-580368-A21 (FIG. 2)
STOCKLIST OH-580368-A20 (FIG. 1)
JUMPER LIST JL-580368-A

ASSOCIATED DRAWINGS

DRAWING NO.	ISS.	DESCRIPTION
OH-580368-A	11	ADJUSTMENT
E-580368-A	2	EXPLANATION

CURRENT DRAIN DATA
HOLDING CURRENT

AMPS.
0.04

DESIGNED T.R. MILA 5/8/65
APP'D. L.L. SMITH
SCALE: 1/8" = 1"

LINE FINDER CRTS.
100 AND 200 LINE

H-580368-A

AUTOMATIC ELECTRIC COMPANY

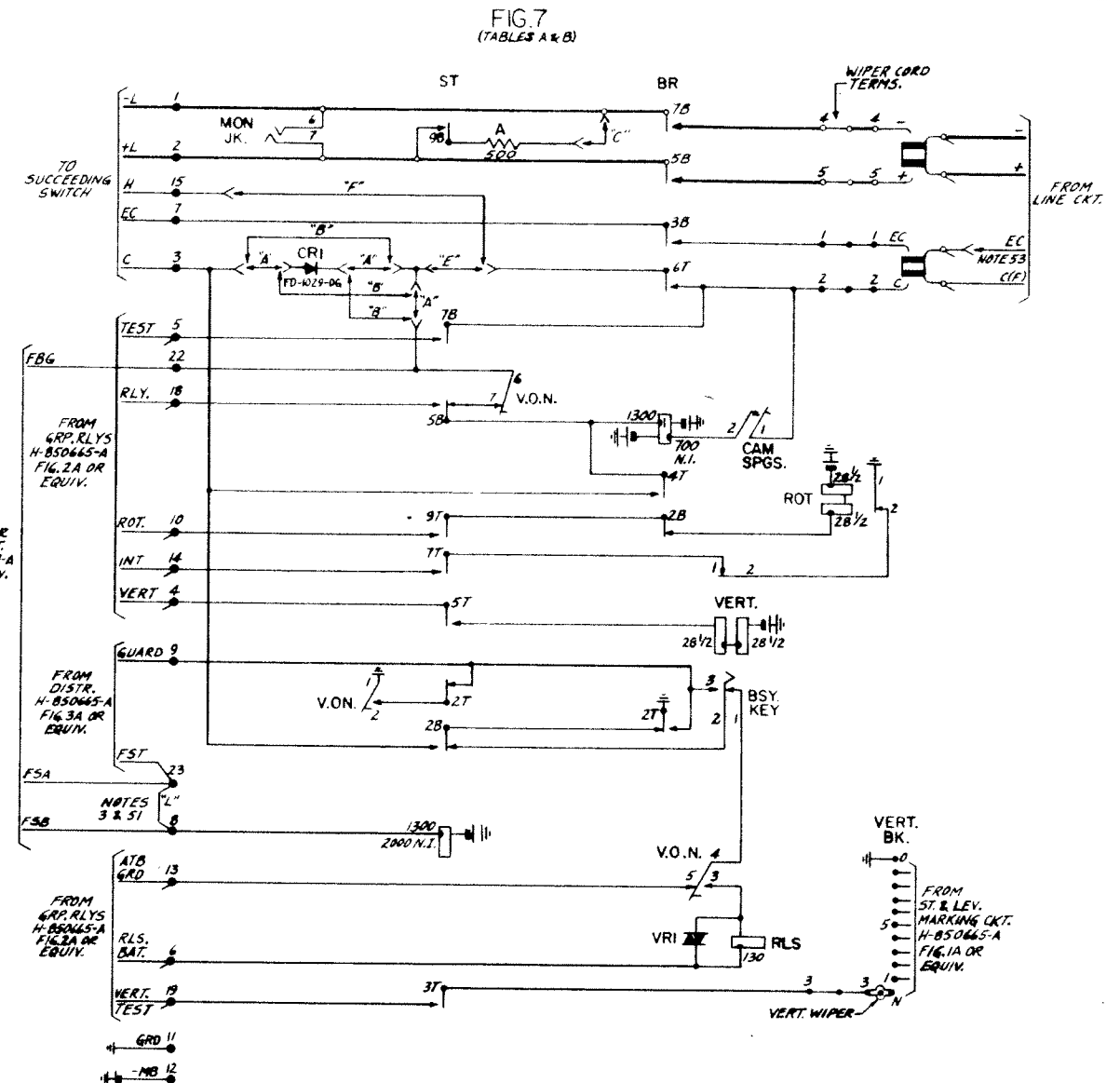
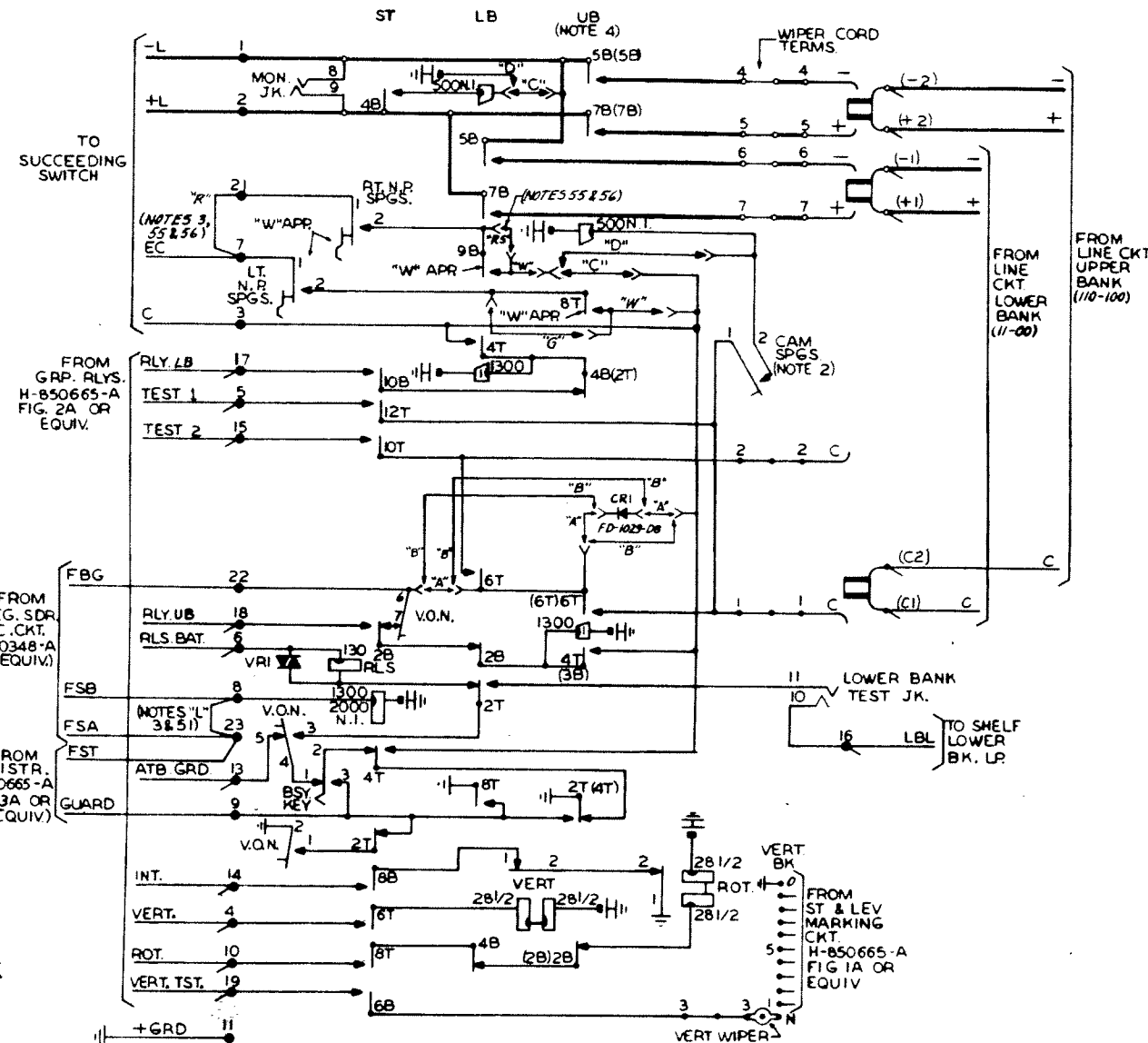
NORTH LAKE, ILL. U.S.A. & CHICAGO, ILL. U.S.A. & WAUKEGON, WIS. U.S.A.

FIGS. 1&2
LINE FINDER CKT
(TABLES A & B)

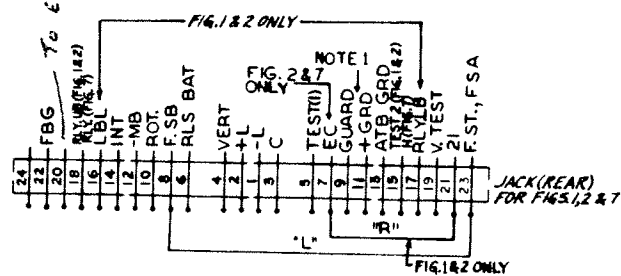
H-580368-A

SHEET 2 OF 3

ISSUE 2
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TO EXTRA SET OF VOIC SPINGS



EXTRA SET OF V.O.N.
TO #20
CONNECTED
TO CONTROL
RELAYS TO TURN
POWER RECTIFIER
ON & OFF.
SEE NOTE 58

MY LINE FINDER
SHALL NOT
BE EQUIPPED WITH
JACKS 21, 22, 23 & 24.
PART OF WHICH IS
FOR REGISTER
SENDER CIRCUIT

H-580368-A

SHEET 2 OF 3

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