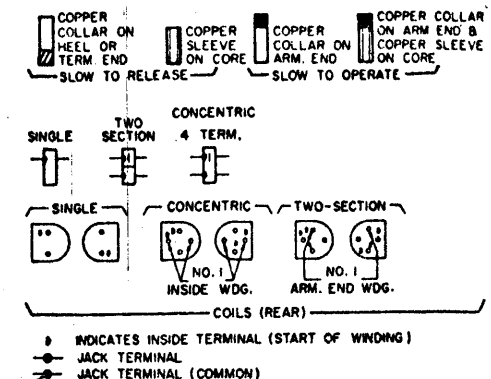


TABLE A									
FIG.	SUFF.	SHELF SUPPLY, 1 & SUPPLY, 2 (WRG. "Y")	FREE SERVICE		RELEASE				REMARKS
			PROVIDED (FIG. FS, AND APP. C WRG. "FS") (NOTE 53)	NOT PROVIDED (WRG. "NF")	LAST PARTY, NOT TIMED (WRG. "D", "K" & "Z") (NOTE 77)	CALLING PARTY, WITHOUT TIMED DISCONNECTION (WRG. "D" & "K")	LAST PARTY, TIMED DISCONNECTION OF HEUD CALLS BY RELAY PER CONNECTOR (FIG. 1R AND APP. J & WRG. "D", "K" & "X")	CALLING PARTY, SHELF TIMER DISCONNECTS CALLER-HELD CALLS. (WRG. "L")	
1	A	X		X		X			
2	A	X	X			X			
3	A	X		X					A & H
4	A		X						A & H
5	A			X				X	
6	A		X					X	

INSTALLING NOTES:

- 76-WHEN SEPARATE RING BACK TONE IS NOT PROVIDED, CONNECT SHELF JACKS 20 & 5 AT END OF SHELF. (NOTE TO ISS. 5, R.B. TONE WAS WIRED TO JACK PT. 22.)
- 77-"Z" STRAP IS NORMALLY PROVIDED IN FIGURES 1 & 4 FOR LAST PARTY RELEASE. IF CALLING PARTY RELEASE IS DESIRED, CONVERT TO SUFFIX A BY REMOVING "Z" STRAP.
- 78-WHEN CONVERTING SWITCHES TO ISSUE 5 OR LATER OF THIS CIRCUIT, RELAY G MUST BE READJUSTED. SEE NOTE 10 AND AM-580364-A.

SYMBOLS



ENGINEERING NOTES:

- 51-"EC" WIPER ENCOUNTERS THE FOLLOWING CONDITIONS:
INDIVIDUAL LINES - NO CONNECTION.
FIRST LINE OF A GROUP - CONNECT C & EC.
LAST LINE OF A GROUP - FOR OVERFLOW REGISTRATION, 1300 OHM RESISTOR BETWEEN C & EC.
- 52-ANY TRUNK IN A GROUP EXCEPT FIRST TRUNK MAY BE LISTED AS A NIGHT NUMBER.
- 53-FREE SERVICE, FIGURE FS, IS PROVIDED IF OFFICIAL NUMBERS APPEAR IN CONNECTOR GROUP.
- 54-LEFT NORMAL POST SPRINGS OPERATE ON FREE SERVICE LEVELS.

MANUFACTURING NOTES:

- 1-SHELF JACKS 9 & 11 MAKE CONTACT WHEN SWITCH IS REMOVED.
- 2-CONTACTS "X" OPERATE FIRST.
- 3-ROTARY OFF NORMAL SPRINGS OPERATE ON FIRST ROTARY STEP. CAM SPRINGS OPERATE ON 11TH STEP.
- 4-CAPACITORS N & P ARE MATCHED WITHIN 5%.
- 5-ALL DIODES ARE FD-1029-DG UNLESS OTHERWISE SPECIFIED.
- 6-NON-LINEAR NETWORK NLN1 TERMINAL 1 IS NEAREST MOUNTING PLATE.
- 7-PRIOR TO ISSUE 3, "G" WIRING WAS PART OF CIRCUIT. "GG" WIRING SUPERSEDES "G" WIRING.
- 8-PRIOR TO ISSUE 3, "C" WIRING & APPARATUS WERE PARTS OF CIRCUIT. BEGINNING WITH ISSUE 3, "C" WIRING & APPARATUS ARE NO LONGER SUPPLIED.
- 9-PRIOR TO ISSUE 4, "A" WIRING & APPARATUS WERE PART OF CIRCUIT. "B" WIRING & APPARATUS SUPERSEDE "A" WIRING & APPARATUS.
- 10-RELAY G SHALL BE ADJUSTED AS FOLLOWS:

H-580364-A ISSUE NO.	WITH APP. & WRG.	ADJUST RELAY G PER (SEE AM-580364-A)
1-4	E & T	R-6685-A1
5	F, M, T & U	GR-6685-A1A
6-7	F, N, T & U	GR-6685-A1A
8 & LATER	F, N & V	GR-6685-A1B

- 11-PRIOR TO ISSUE 8, RELAY E SPRINGS WERE NUMBERED ONLY AS SHOWN IN PARENTHESES (APPARATUS "O"). ISSUE 8 ADDED RELAY E SPRING NUMBERS NOT IN PARENTHESES (APPARATUS "S"). SEE TABLE B FOR APPARATUS "Q" OR APPARATUS "S" USAGE.

TABLE B									
APP. AND/OR WIRING	ISSUES		WAS PART OF	WAS WIRING BY	FIGURE OR SUFFIX	TABLE	NOTES		
	FIRST USED	LAST USED							
A	1	3	B	X			9		
B	4			X			9		
C	1	2		X			8		
D	4		B	X	1-4	A			
E	1	4	F	X			10		
F	5			X			10		
G	1	2	GG	X			7		
H	5			X					
I	1	4	J	X					
J	5			X					
K	1			X	1-4	A			
L	5			X	5 & 6	A			
M	5	5	F	N	X		10		
N	8			X			10		
O	1	6	P	X					
P	7			X					
Q	1			X	3 & 4		11		
R	5		J	X	3 & 4				
S	8			X	1, 2, 5, & 6		11		
T	1	7	V	X			10		
U	5	7	F	V	X		10		
V	8			X			10		
W									
X	1			X	3 & 4	A			
Y	1			X	1 & 2	A			
Z	1			X	1 & 2 & 3	A	77		
FS	1			X	2, 4 & 6	A			
GG	3			X			7		
NF	1			X	1, 3 & 5	A			
AA	1	8	AB	X	1-6				
AB	9			X	1-6				

STOCKLIST DH-580364-A33 (FIG. 5A)
STOCKLIST DH-580364-A34 (FIG. 6A)
STOCKLIST DH-580364-A32 (FIG. 3A)
STOCKLIST DH-580364-A31 (FIG. 2)
STOCKLIST DH-580364-A30 (FIG. 1)
JUMPER LIST JL-580364-A

ASSOCIATED DRAWINGS		
DRAWING NO.	ISS	DESCRIPTION
AH-580364-A	4	ADJUSTMENT
E-580364-A	5	EXPLANATION

CURRENT DRAIN DATA
HOLDING CURRENT

AMPS.
0.39



DESIGNED R. VOGEL
APP'D. KARL F. STEINHAUER
SCALE: 1" = 1" (DO NOT SCALE DRAWING)
DATE: 11-14-65

CONNECTOR CIRCUIT
WITH FREE SERVICE
TRUNK & LEVEL HUNTING
WITH NIGHT LINE SERVICE
TIMED RELEASE-BAT. GEN.

H-580364-A
SHEET 1 OF 2

AUTOMATIC ELECTRIC COMPANY
NORTHLAKE, ILL., U.S.A. • GENOA, ILL., U.S.A. • WAUKESHA, WISC., U.S.A. •

ISS. 5
INTRODUCED "A" (CLASS 2)
AT P.T. 22. ADDED STANDING
INFORMATION IN LEADS TO P.T. 22.
S.M. K.F.S. J.C.C. H.L.
5-15-69

ISSUE: 6
7-H-580364-A (CLASS 2)
S.M. K.F.S. AB.U. T.J.
5-15-69

ISSUE: 7
8-H-580364-A (CLASS 2)
ADDED NOTES TO 11-178
REVISED TABLE A, APP'D
FIG. 5 & 6, TABLE A & E
NOTE 78. (INTERFERENCE)
M.F.M. T.L.G. K.F.S. AB.U. A.F.
12-30-68

ISSUE: 8
9-H-580364-A (CLASS 2)
FOS 7-6 ADDED "AB" (CLASS 2)
WRG. 4 REVISED TABLE A
E.C.C. W.B.
9-17-71

ISS. 9
ASSOC. D.C. & M.S.S. 3
A.F.
2-1-72

ISS. 10
11-H-580364-A (CLASS 2)
INTRODUCED "A" (CLASS 2)
FROM LEFT. REMOVED
ERRONEOUS REF. TO "P" WIRING
A.N.
1-16-73

56360

ISSUE 5
ISSUE 6
ISSUE 7
ISSUE 8
ISSUE 9
ISS. 10
ISS. 11

FIGS. 1-6
(TABLE A)

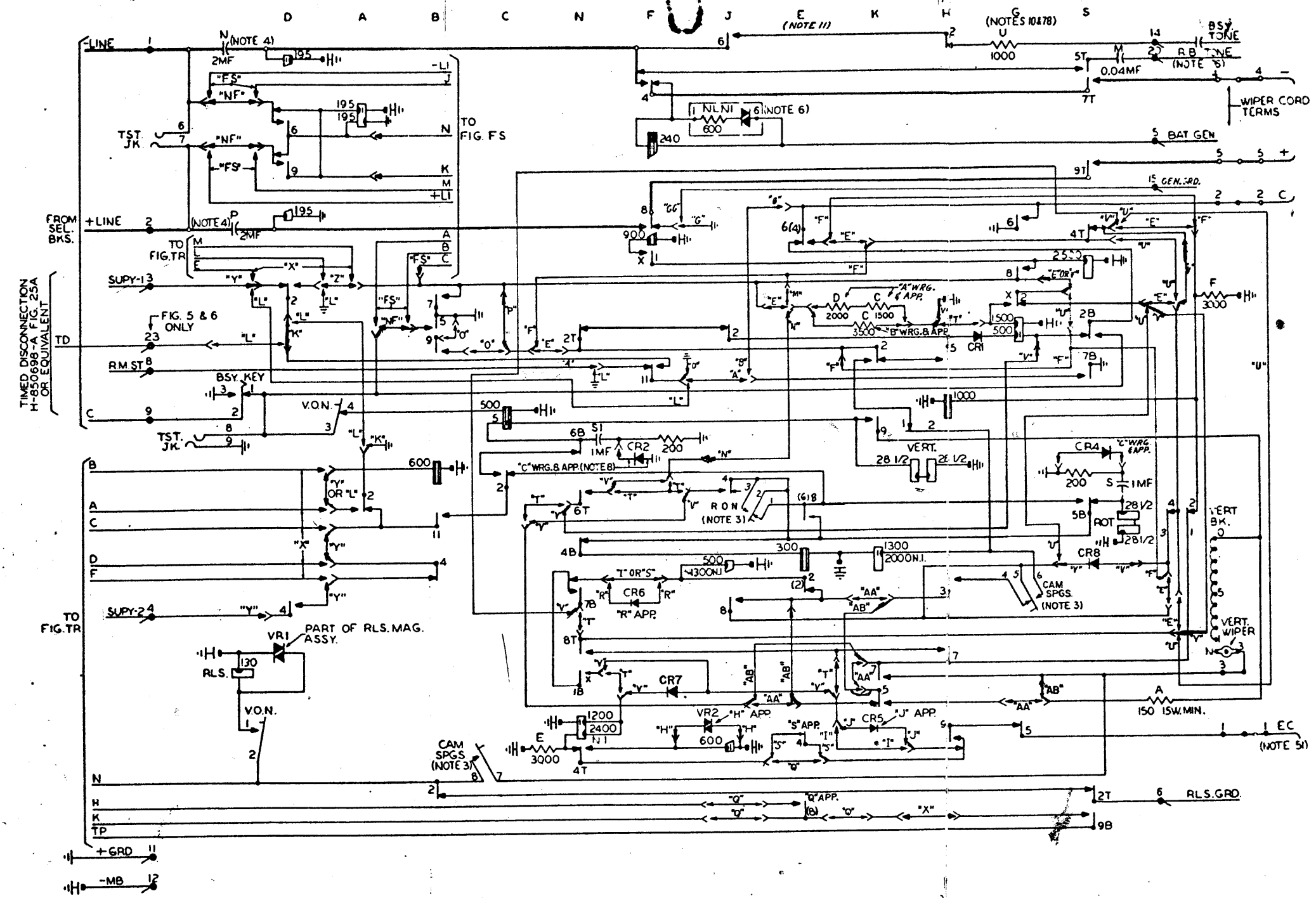


FIG. FS
"FS" WRG. & APP
(TABLE A)

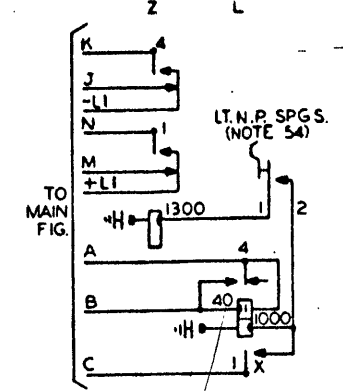
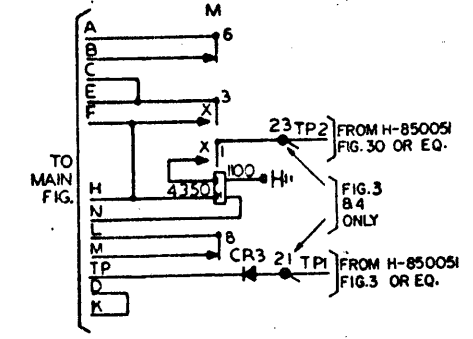


FIG. TR
"X" WRG. & APP
(TABLE A)



*If Switch will not seize
In Test STAND. good TD lead
C.V.*

