

## 8A KEY TELEPHONE SYSTEM

### FOR USE AT 911 EMERGENCY REPORTING/ANSWERING BUREAUS

#### TROUBLE LOCATING

**1.01** This section provides the trouble locating and maintenance information for the 8A Key Telephone System.

**1.02** Whenever this section is reissued, the reason(s) for reissue will be listed in this paragraph.

**1.03** This issue of the section is based on the following drawings:

SD-69641-01, Issue 1—Station Systems—Key Telephone Systems No. 1A1, 1A2 or 6A—682AA, 683AA, 2682AA, 2683AA Telephone Set Circuit 18- and 30-Button Capacity for use with 2- and 4-Wire Lines Arranged for Dial Pulse or TOUCH-TONE® Calling and “A” Lead Control.

SD-69913-01, Issue 1—8A Key Telephone System for use at 911 Emergency Reporting/ Answering Bureaus

If this section is to be used with equipment or apparatus reflecting later issues of the drawings, reference should be made to the SDs and CDs to determine the extent of the changes and the manner in which the section may be affected.

**1.04** This section covers the following system failures:

Table A—911 CO Line Ringing and Answering Arrangement

Table B—Transfer to 2-Way Tie Line

Table C—Transfer to Dial Line

Table D—Switchhook Status

Table E—Emergency Ringback.

#### NOTICE

Not for use or disclosure outside the  
Bell System except under written agreement

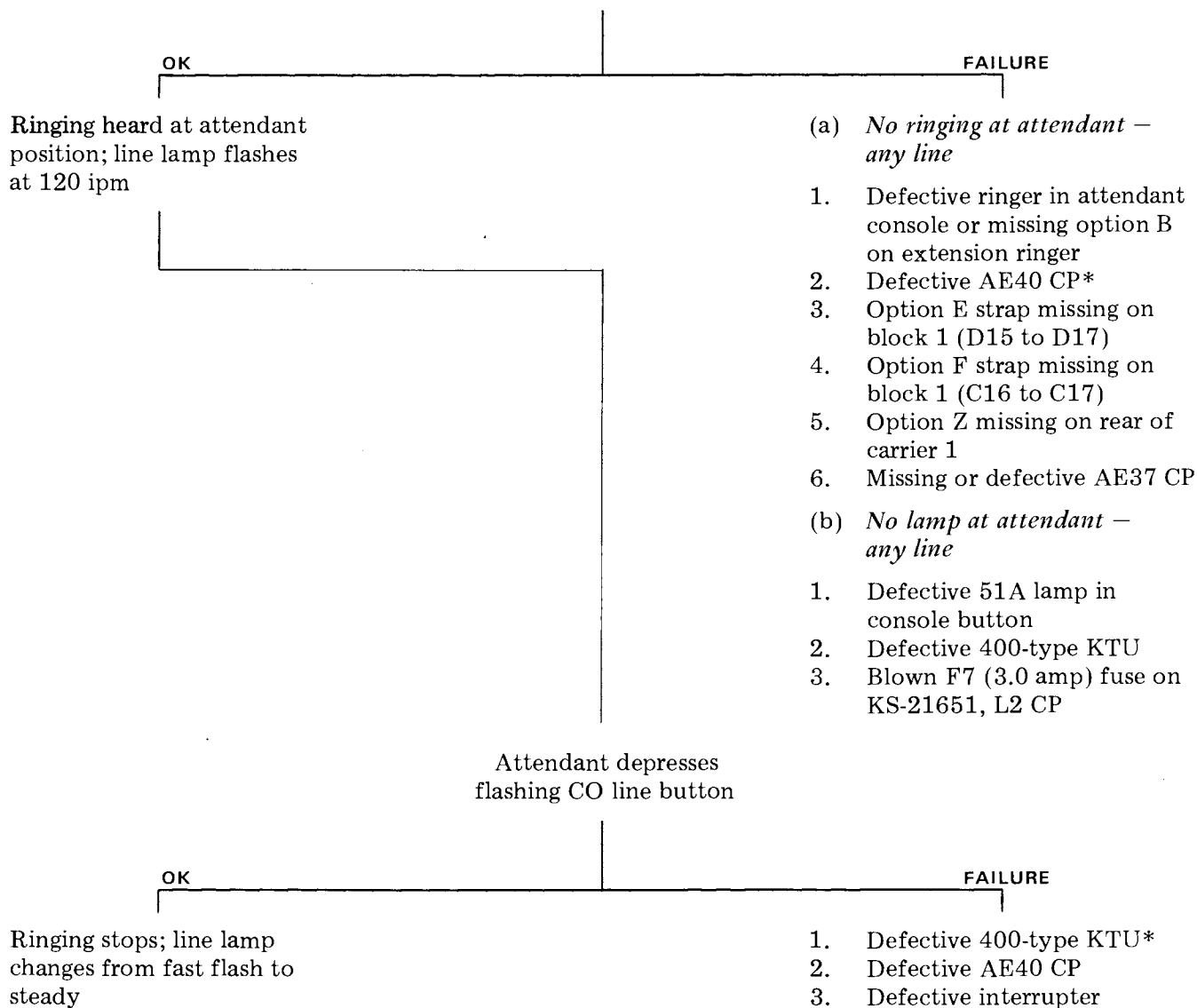
Printed in U.S.A.

Page 1

TABLE A

## 911 CO LINE RINGING AND ANSWERING ARRANGEMENT

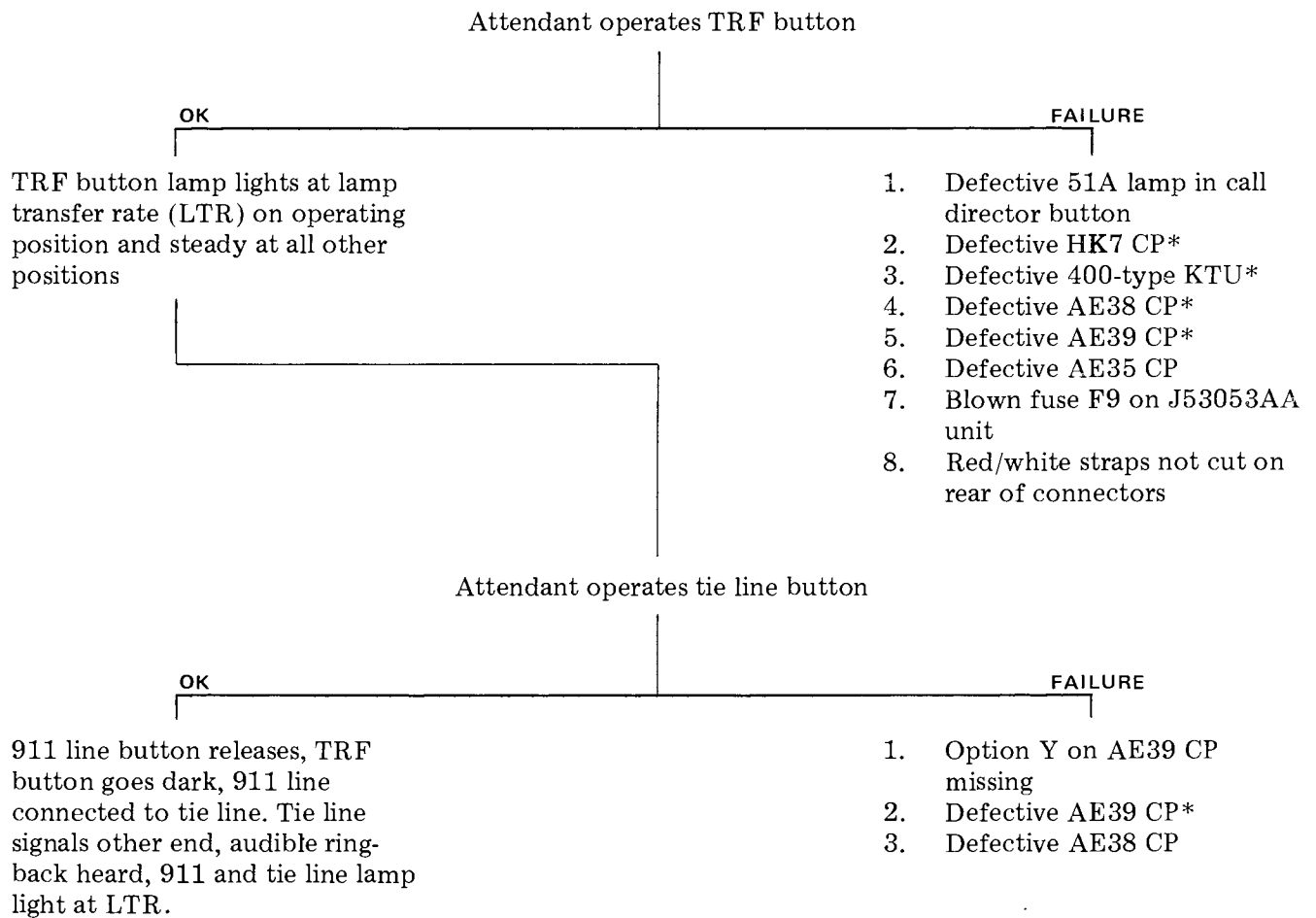
CO ringing on 911 line



\* If replacing a circuit pack does not clear the trouble, the original circuit pack must be reinstalled.

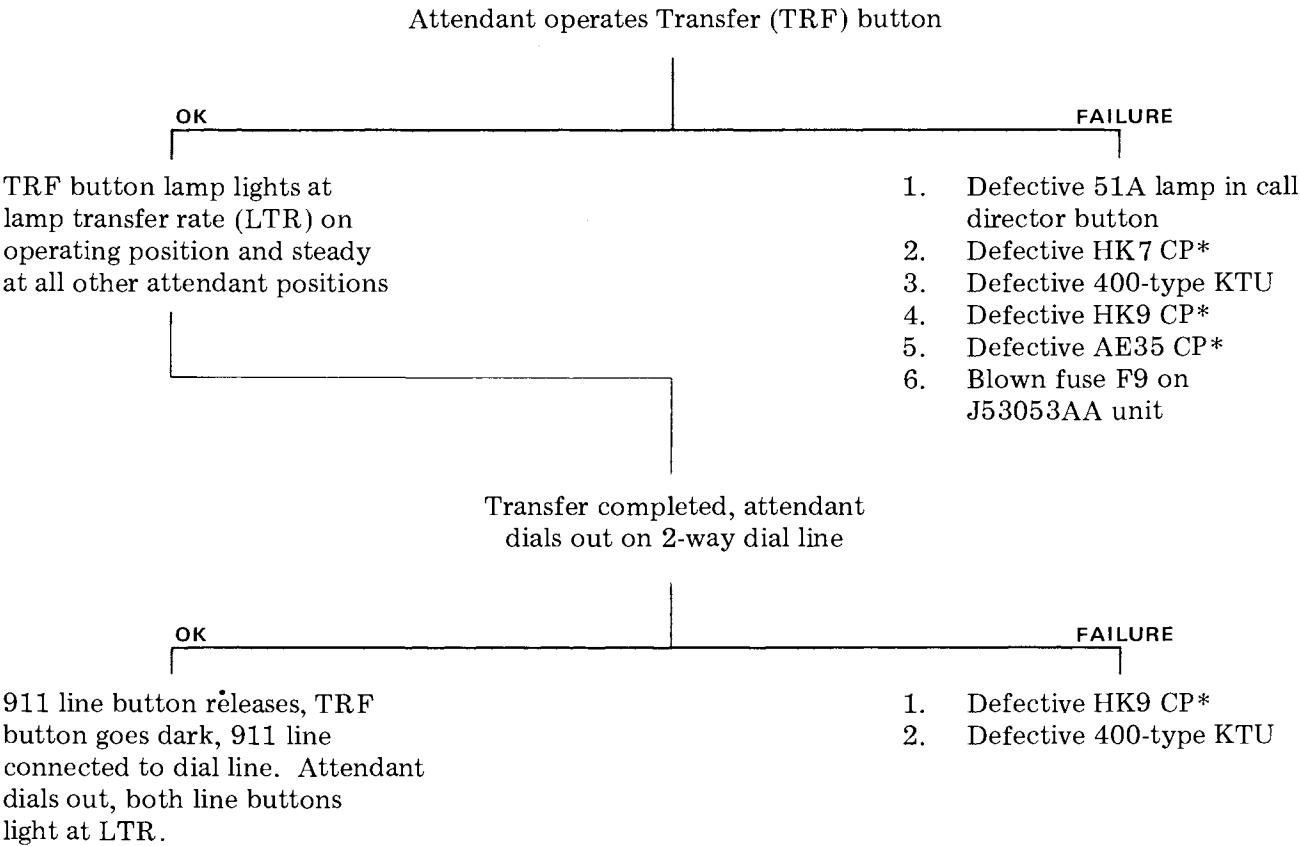
TABLE B

## TRANSFER TO 2-WAY TIE LINE



\* If replacing a circuit pack does not clear the trouble, the original circuit pack must be reinstalled.

TABLE C  
TRANSFER TO DIAL LINE



\* If replacing a circuit pack does not clear the trouble, the original circuit pack must be reinstalled.

TABLE D

## SWITCHHOOK STATUS

Attendant has not released the 911 call, the 911 caller is on-hook, the attendant has placed this call on HOLD; then, if the 911 caller goes back off-hook:

OK	FAILURE
Buzzer sounds at attendant position, 911 line lamp changes from wink to flash	<ol style="list-style-type: none"> <li>1. 911 trunk circuit is not reversing the T and R polarity (refer trouble to CO for correction)</li> <li>2. Defective AE37 CP</li> <li>3. Defective switchhook status buzzer</li> <li>4. Defective AE47 CP</li> <li>5. Orange straps not cut on rear of connector</li> </ol>

TABLE E

## EMERGENCY RINGBACK

After the 911 caller goes on hook, attendant attempts to rering calling party

OK	FAILURE
Attendant operates the signal key. The timed flash unit (D-180645 kit of parts) located inside the call director operates. The attendant hears a 500 MS tip and ring open after the release of the signal key. The 911 party is rerung.	<ol style="list-style-type: none"> <li>1. Defective D-180645 kit of parts</li> <li>2. 911 trunk circuit does not function properly (refer to CO for correction)</li> </ol>

