

## FALSELY GROUNDED NUMBER GROUP CONNECTOR JF LEAD NO. 1 CROSSBAR OFFICES

### 1. GENERAL

1.01 This section covers methods to be followed in connection with troubles due to a falsely grounded JF (jump to frame) lead in the number group connector.

1.02 This section is revised to delete the information relative to the use of the TRO jacks and to correct the terminating trouble indicator record.

### 2. INDICATIONS OF TROUBLE CONDITION

2.01 Terminating trouble indicator displays.

### 3. REACTIONS DUE TO TROUBLE

3.01 No terminating service to any lines in a number group.

3.02 Terminating overload resulting from time-out of terminating markers.

### 4. IMMEDIATE PROCEDURE TO FOLLOW

4.01 Disconnect the JF lead on the number group connector involved in the trouble.

### 5. ANALYSIS OF TROUBLE

5.01 The false operation of the JF relay because of a false ground on a JF lead opens the operating circuit for the RC relay. This causes the marker to fail to complete ringing check and, therefore, causes it to time out and furnish a trouble indication.

### 6. SUGGESTED PROCEDURE FOR LOCATING AND CLEARING TROUBLE

6.01 Analyze terminating trouble indicator records noting JF lamp.

6.02 Disconnect the JF lead from the number group connector terminal block.

### 7. TROUBLE CONDITIONS CAUSING REACTIONS MAY BE LISTED BELOW

7.01 Wrong cross connection.

7.02 Contacts 48 and 58 on MCA of number group connector crossed.

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