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**HAND TELEPHONE SETS—223—TYPE**  
**IDENTIFICATION, CONNECTIONS, AND MAINTENANCE**

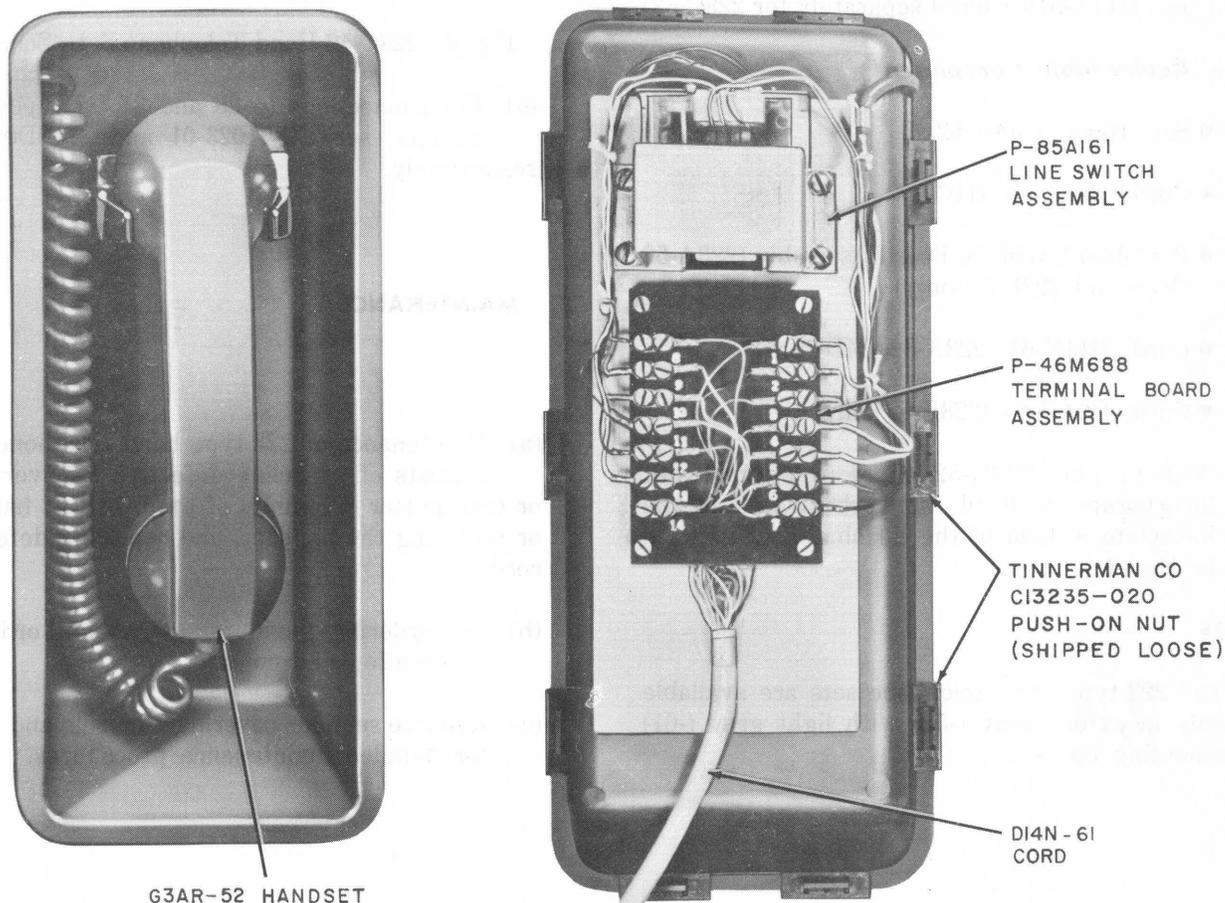


Fig. 1—223A-52 (MD) Hand Telephone Set

**1. GENERAL**

1.01 This section is reissued to:

- Add information on 223C-52 hand telephone set.
- Show the 223A-52 hand telephone set MD.

Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

**2. IDENTIFICATION**

**PURPOSE**

2.01 The 223A-52 (MD) or 223C-52 hand telephone set is used to provide voice communication capabilities for the 37-type teletypewriter for DATA-PHONE service.

2.02 The 223B-52 hand telephone set is used to provide voice communication capabilities for the 28-type teletypewriter for teleticketing service.

## SECTION 502-320-103

### ORDERING GUIDE

Set, Telephone, Hand, 223A-52 (MD)

Set, Telephone, Hand, 223B-52

Set, Telephone, Hand, 223C-52

Cord, D14N-61(Ordered separately for 223C-52)

#### (a) *Replaceable Components*

- Set, Hand, G3AR-52
- Cord, Handset, H4CJ-52
- P-46M688 Terminal Board Assembly (223A-52 (MD) and 223C-52 only)
- Cord, D14N-61 (223A-52 (MD) only)
- Cord, D6AG-61 (223B-52 only)

**Note:** The 223B-52 hand telephone set incorporates a 4010D network riveted to the baseplate instead of the terminal board shown in Fig. 1.

### COLOR

The 223-type hand telephone sets are available only in oxford gray (-52) with light gray (-61) mounting cords.

### 2. CONNECTIONS

Fig. 2—223A-52 (MD) Hand Telephone Set—Schematic

Fig. 3—223B-52 Hand Telephone Set—Schematic

Fig. 4—223C-52 Hand Telephone Set—Schematic

- (a) For connections to 28 and 37 teletypewriter circuits, see SD-71023-01 and SD-3D036-01, respectively.

### 3. MAINTENANCE

- (a) Maintenance of 223-type hand telephone sets consists of replacing defective receiver (U1) or transmitter (T1) units of the G3AR-52 handset or replacing the handset, and replacing defective cords.
- (b) See ordering guide for component ordering information and color.
- (c) Refer to sections covering handsets and cords for detailed maintenance procedures.

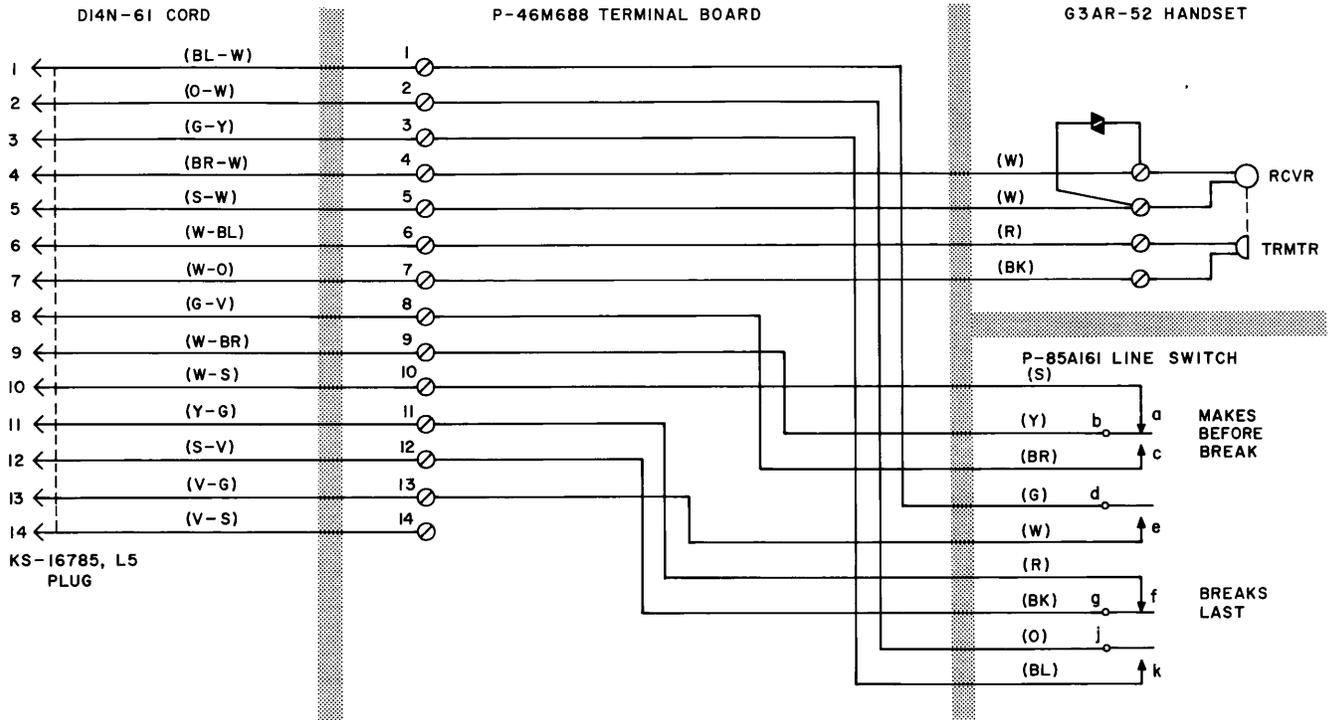


Fig. 2—223A-52 (MD) Hand Telephone Set—Schematic

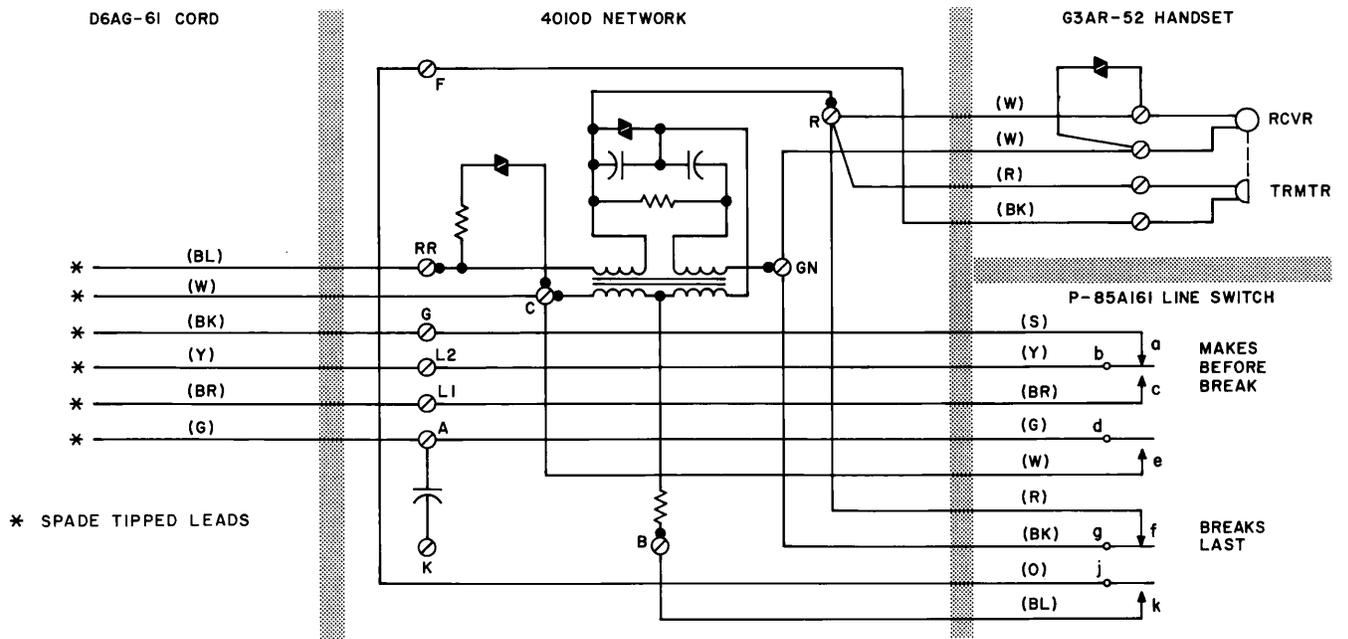


Fig. 3—223B-52 Hand Telephone Set—Schematic

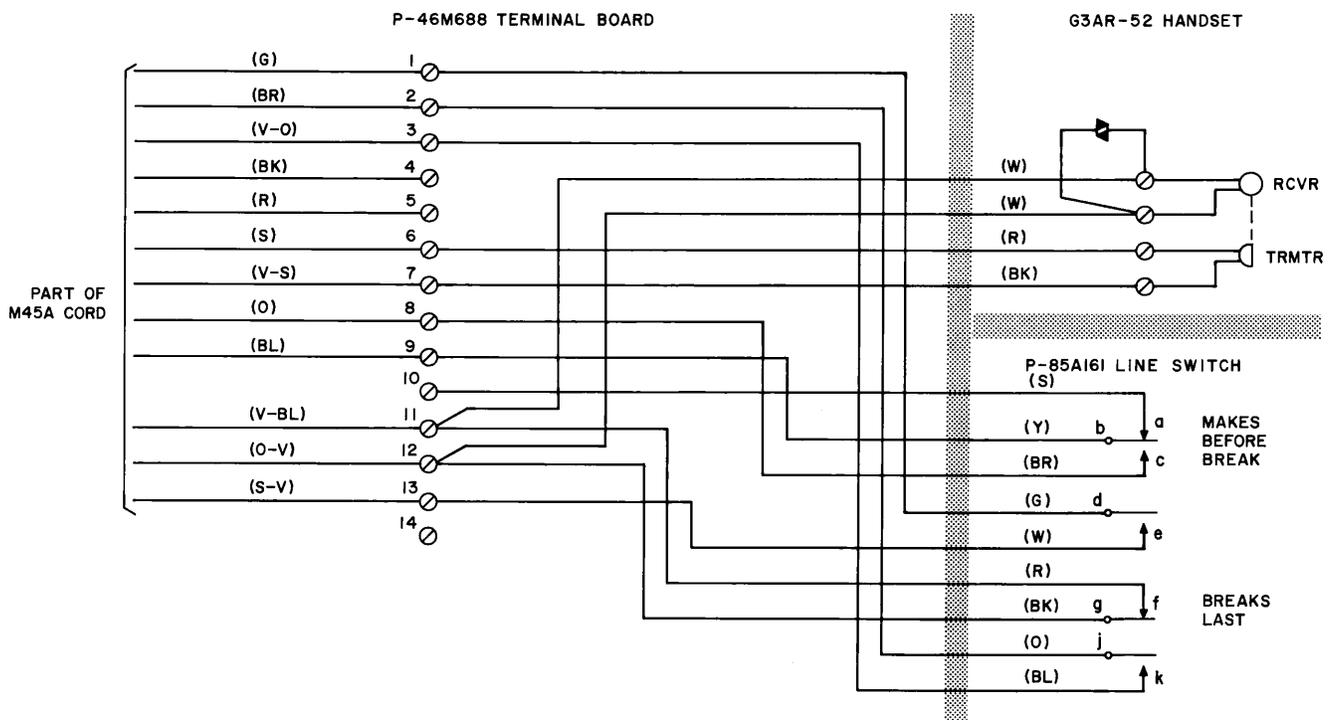


Fig. 4—223C-52 Hand Telephone Set—Schematic