

## TELEPHONE SETS 2550 AND 2551 TYPES

### IDENTIFICATION, INSTALLATION, CONNECTIONS, AND MAINTENANCE

#### 1. GENERAL

- (a) Intended solely for use with specially engineered lines *not for general telephone use*.
- (b) This section is reissued to:
- Add 35Y3D dial
  - Add reference information for adjustment of P1-ringer bias spring.

#### 2. IDENTIFICATION

##### ORDERING GUIDE

Set, Telephone, 2550A-\*

Set, Telephone, 2551A-\*

(a) **Replaceable Components:**

- Adapter Plate, 165A (for P1A ringer)
- Dial, 35A3A or 35Y3D
- Housing, P-82H6\* (2550A set)
- Housing, P-80H9\* (2551A set)
- Ringer, P1A
- Set, Hand, G3Y-\*
- P-27E058 Line Key Assembly (2551A)
- D-180190 Guard Assembly (fixed base pan) or D-180457 Guard Assembly (plug-in base pan)
- P-90D012 Guard Assembly (applies to both D-kit of parts)

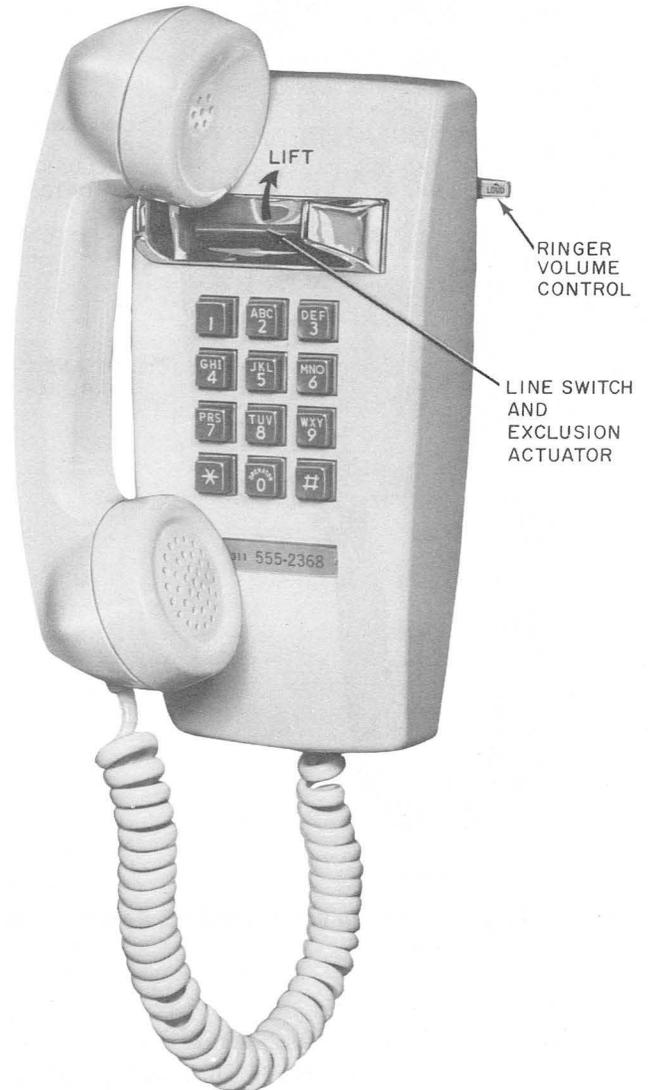


Fig. 1—2550A Telephone Set, Handset in Rest Position

\*Add appropriate color suffix.

- (b) **Loose Parts Furnished With Set:** Customer Instruction Booklet GN-2419



Fig. 2—2551A Telephone Set, Handset in Rest Position

#### COLOR

These sets are available in all standard colors.

#### DESIGN FEATURES

- 6-transfer line switch
- 12-button TOUCH-TONE® dial
- Polarity guard
- Exclusion

- 2-line pickup (2551A set)
- Manual ringer volume control
- 3-type speakerphone operation (optional)

#### APPLICATION

These sets are intended for use in specially engineered 1A1 at 1A2 key telephone systems but can be used on individual nonkey lines.

#### OPERATING FEATURES

- **Exclusion** (Fig. 1 and 2): Operated by raising line switch actuator beyond the normal off-hook position; canceled by restoring actuator to off-hook position or by replacing handset on-hook.
- **Ringer Volume Control** (Fig. 1 and 2): Provides variable ringer volume.
- **Line and Signal Key** (Fig. 2): Turn to select line, depress to signal (2551A set only).

#### 3. INSTALLATION

(a) **Planning:** Consider the following:

- Safety for yourself, customer, and maintenance personnel
- Distance between associated equipment and apparatus
- Convenience to the user
- Space requirements
- General appearance of installation

(b) **Installing:**

- Remove housing by loosening two screws behind station number card window.
- Dress inside wire through base of set and secure set to wall as required.
- Terminate wiring to set as shown in appropriate connection figure.

- Reinstall housing and tighten housing screws. Insert station number card and number card retainer.

#### 4. CONNECTION INDEX



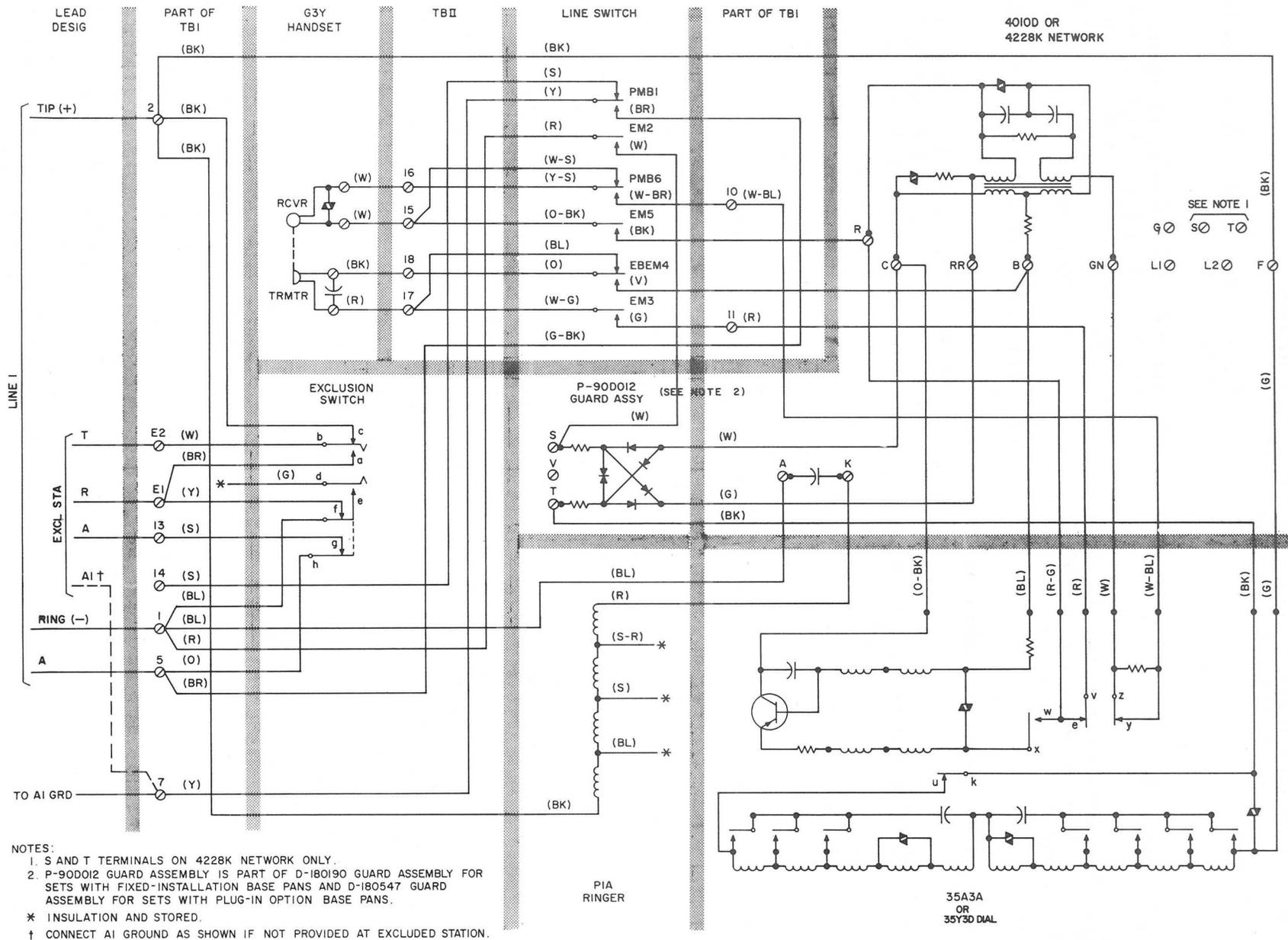
*No changes in wiring other than those specified in this practice shall be made.*

Fig. 3—2550A Telephone Set, Connections

Fig. 4—2551A Telephone Set, Connections

#### 5. MAINTENANCE

- Replaceable Components:** Refer to ordering guide.
- Repairable Apparatus:** Refer to appropriate sections for detailed maintenance procedures for apparatus such as dials, handsets, ringer, etc. For bias spring adjustment of P1-ringer, refer to Section 501-259-101.
- Connections:** Verify as being correct and tight.
- Cleaning:** Do not use scouring cleaners—clean components such as handset, housing, and dial buttons with a damp KS-2423 cloth.



- NOTES:
1. S AND T TERMINALS ON 4228K NETWORK ONLY.
  2. P-900012 GUARD ASSEMBLY IS PART OF D-180190 GUARD ASSEMBLY FOR SETS WITH FIXED-INSTALLATION BASE PANS AND D-180547 GUARD ASSEMBLY FOR SETS WITH PLUG-IN OPTION BASE PANS.
- \* INSULATION AND STORED.  
 † CONNECT AI GROUND AS SHOWN IF NOT PROVIDED AT EXCLUDED STATION.

Fig. 3—2550A Telephone Set, Connections

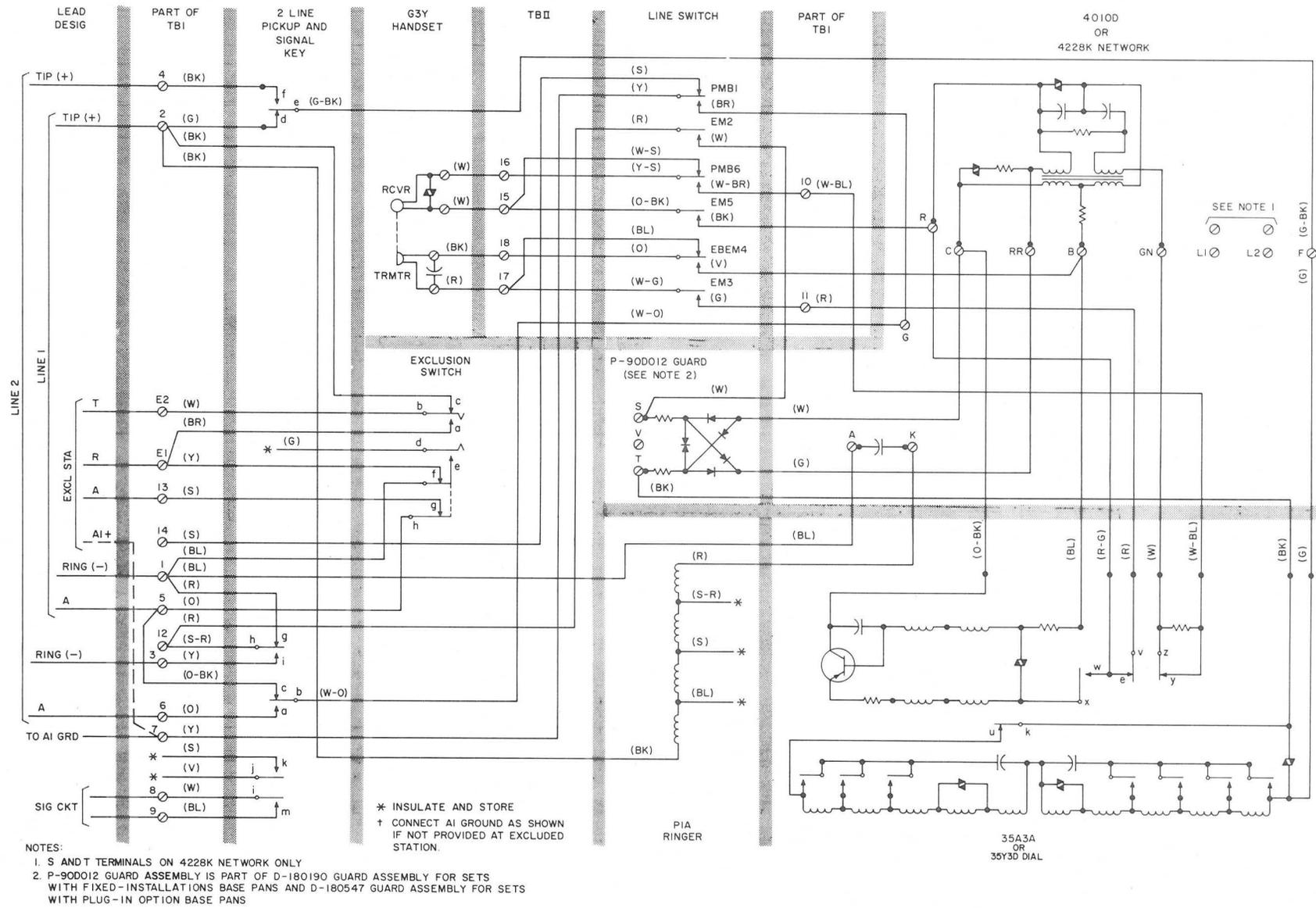


Fig. 4—2551A Telephone Set, Connections

