

REFERENCE

755A AND 755AM TELEPHONE SETS

1. GENERAL

1.01 This section contains information for the 755A (MD) and 755AM manual, panel-type telephone set.

1.02 This section is reissued to:

- Add 755AM (modular) telephone set
- Show 755A telephone set MD
- Add new terminal board TB3

2. IDENTIFICATION

Purpose

2.01 The 755A and 755AM telephone set is intended for use where customer requests a flush mounted, manual telephone installation or where resistance to vandalism is desired. A ringer is not part of the factory supplied set. Should a ringer be required, provisions have been made to permit field installation of a C4A or C4B ringer.

Ordering Guide

Set, Telephone, 755AM-52

Note: -52 indicates gray handset. Door panel and frame are brushed stainless steel.

(a) **Associated Equipment (order separately):**

- 118B Apparatus Box

(b) **Replaceable Components:**

- Assembly, Lock, KS-19277
- 812365435, (P-23F543) Stud Fastener

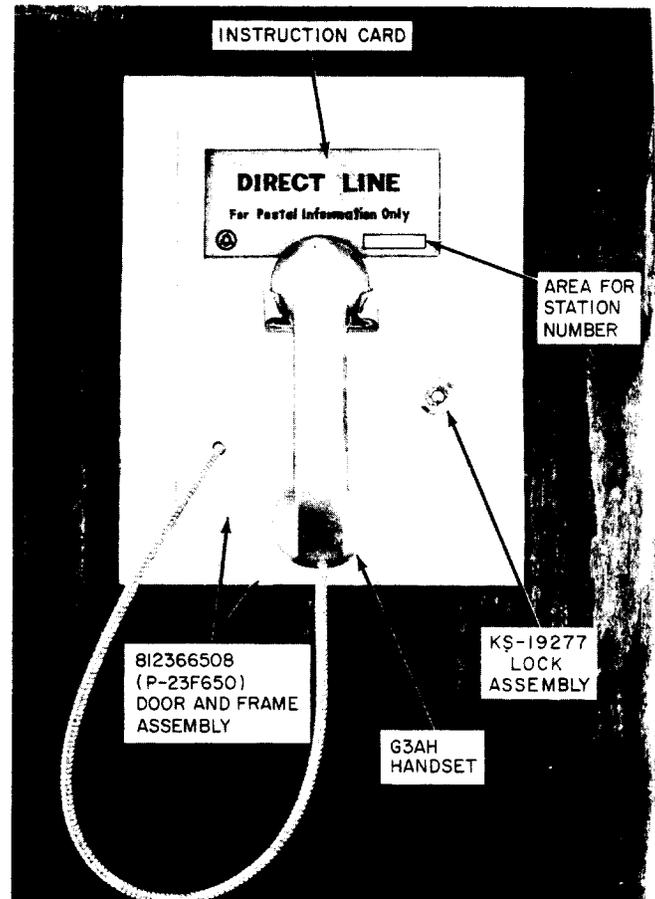


Fig. 1—755AM Telephone Set

- 812366508 (P-23F650) Door and Frame Assembly
- 60A4 Coin Dial Unit
- 842613390 Network and Chassis Assembly
- 802695635 (P-269563) Instruction Card

NOTICE

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

- Set, Hand G3AH (includes a 2-foot, 5-inch armored cord)
- 811557669 (P-15E766) Hook.

Design Features

- 2.02** The 755A and 755AM telephone set is a single line, manual, panel-type instrument (Fig. 1).
- 2.03** Set does not contain an internal ringer, although provisions have been provided to permit field installation of a C4A or C4B ringer. Refer to Tables A or B for connections.
- 2.04** Set consists primarily of factory-wired coin telephone components.
- 2.05** Network and chassis assembly mount directly to inside of 118B apparatus box.
- 2.06** Housing assembly mounts to inside of door.
- 2.07** Components on chassis assembly are electrically connected to components on housing assembly through a factory-wired plug (P1) and jack (J1) arrangement.
- 2.08** Hinge on brushed stainless steel door is spot welded to frame assembly.
- 2.09** Handset is equipped with an armored cord. The receiver and transmitter caps are cemented to the handle to discourage vandalism.
- 2.10** Door is equipped with a security lock.
- 2.11** Receptacle on door for instruction card. (Instruction card furnished with telephone set.)

3. INSTALLATION

Apparatus Box 118B

3.01 A minimum opening 11-9/16 inches high by 8-5/8 inches wide by 2-3/4 inches deep and located 61 inches from the floor surface to the top of opening must be provided by the customer. A telephone company supplied 118B apparatus box is installed by the customer. Refer to appropriate section in Division 463 for detailed installation information on the 118B apparatus box.

755A and 755AM Telephone Set in 118B Apparatus Box

3.02 Component parts of the 755A and 755AM telephone set are shipped from the factory as the:

- 842613390 network and chassis assembly
- 812366508 (P-23F650) door and frame assembly
- 60A4 coin dial unit
- 811557669 (P-15E766) hook
- KS-19277 lock assembly (assembled and furnished by distributing house)
- G3AH handset
- 812365435 (P-23F543) stud fastener
- 801816786 (P-181678) screws (seven).

3.03 Install as follows.

- (1) Install the network and chassis assembly (Fig. 2) in the apparatus box using three mounting screws. Position assembly as shown in Fig. 3.
- (2) Install steel stud fastener in 118B apparatus box (Fig. 3). Screw end of stud fastener equipped with red lock nut material into threaded standoff hole located at back right side of the apparatus box.



When installing the stud fastener to the 118B apparatus box, use an adjustable wrench or equivalent to securely fasten stud fastener. Do not use pliers.

- (3) Position door and frame assembly so mounting holes located in the frame align with the mounting screws used to secure door and frame assembly to the apparatus box (Fig. 4).
- (4) Connect P1 plug of the 60A4 coin dial unit to J1 jack of the network and chassis assembly.

Caution: Once the connection of P1 plug to J1 jack has been made the

door assembly can only be partially opened. To fully open the door it is necessary that they be disconnected. Dress all wiring before closing and locking the door of set.

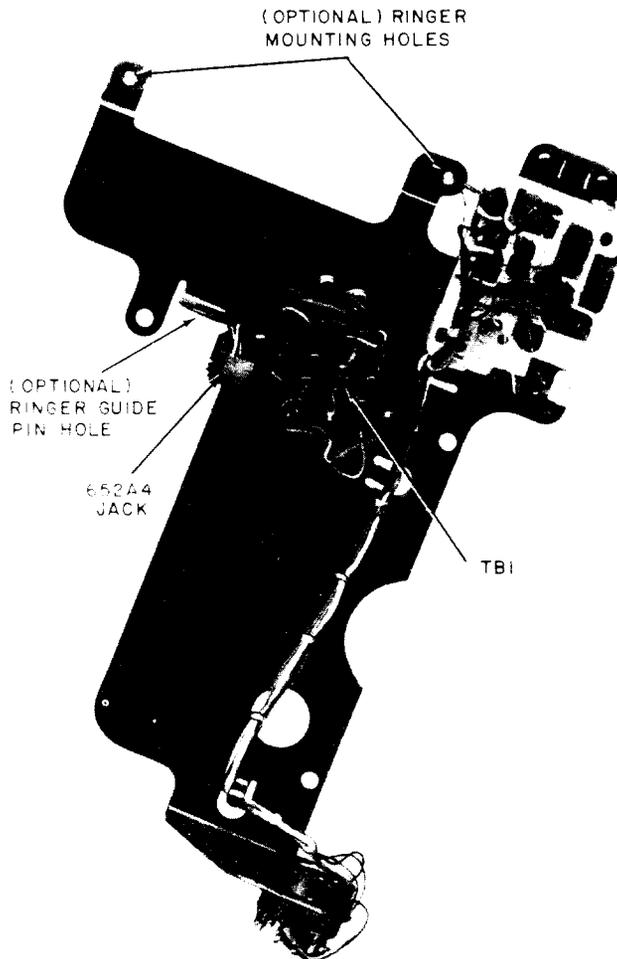


Fig. 2—842613390 Network and Chassis Assembly

4. MAINTENANCE

4.01 Field maintenance of the 755A and 755AM telephone set consists of checking for loose or broken connections, replacement of defective components and cleaning exterior of set. Refer to ordering guide for list of replaceable parts.

4.02 Replace complete network and chassis assembly if network is found to be defective. Network is riveted to chassis assembly at factory.

4.03 To replace a defective handset or armored cord it is necessary to replace the complete handset assembly. Refer to 2.09.

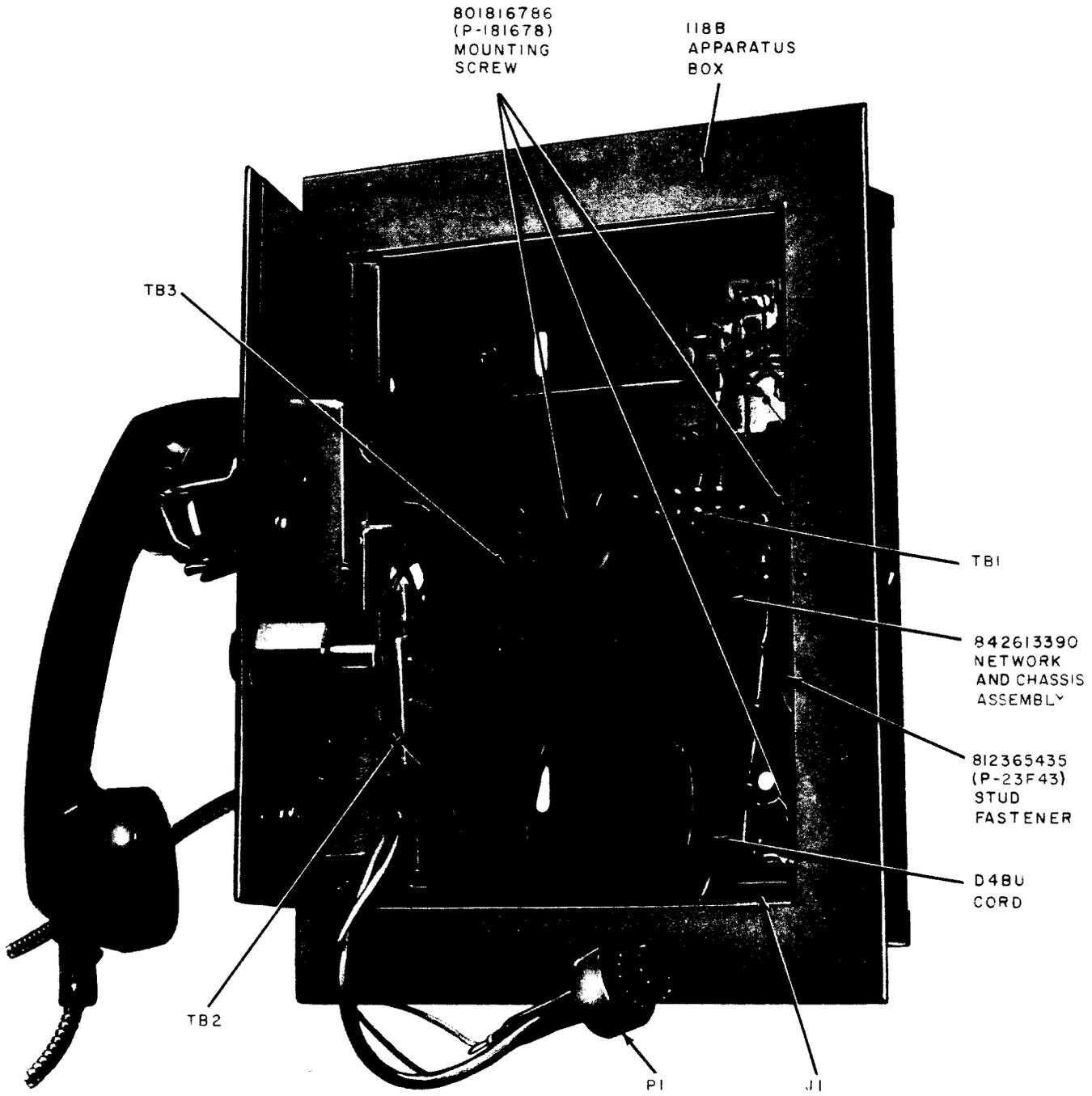


Fig. 3—755AM Telephone Set Installed in 118B Apparatus Box

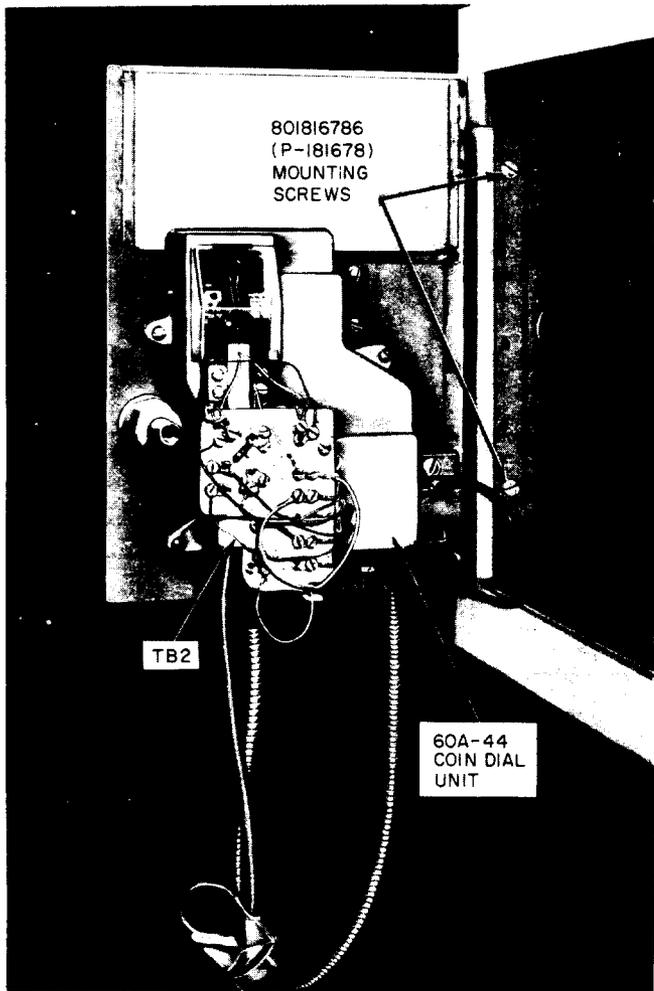


Fig. 4—755AM Telephone Set Rear View of Door Assembly

TABLE A

CONNECTIONS FOR (OPTIONAL) C4A RINGER
(SEE NOTE)

WIRE OR LEAD		REMOVE FROM TB1	CONNECT TO TB1
C4A Ringer	BK		T
	S		SL
	R		R
	S-R		SR
Strap	BK	R	SR
Resistor		T ↔ SL	

Note: Connections are for individual or bridged service.

TABLE B

CONNECTIONS FOR (OPTIONAL) C4B RINGER
(SEE NOTE)

WIRE OR LEAD		REMOVE FROM TB1	CONNECT TO TB1
C4B Ringer	BK		T
	R		SL
Resistor		T ↔ SL	

Note: Connections are for individual or bridged service.

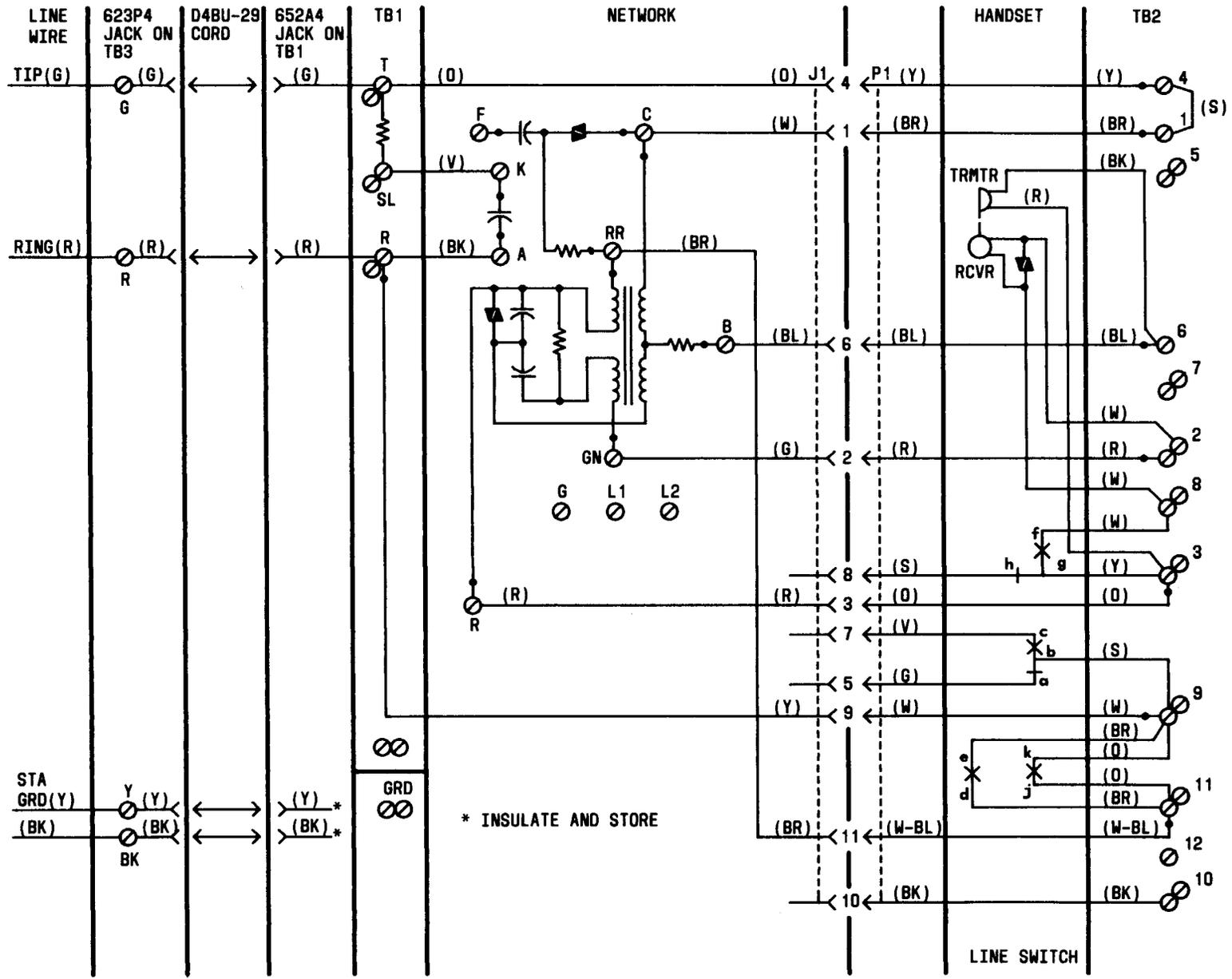


Fig. 5—755AM Telephone Set, Connections

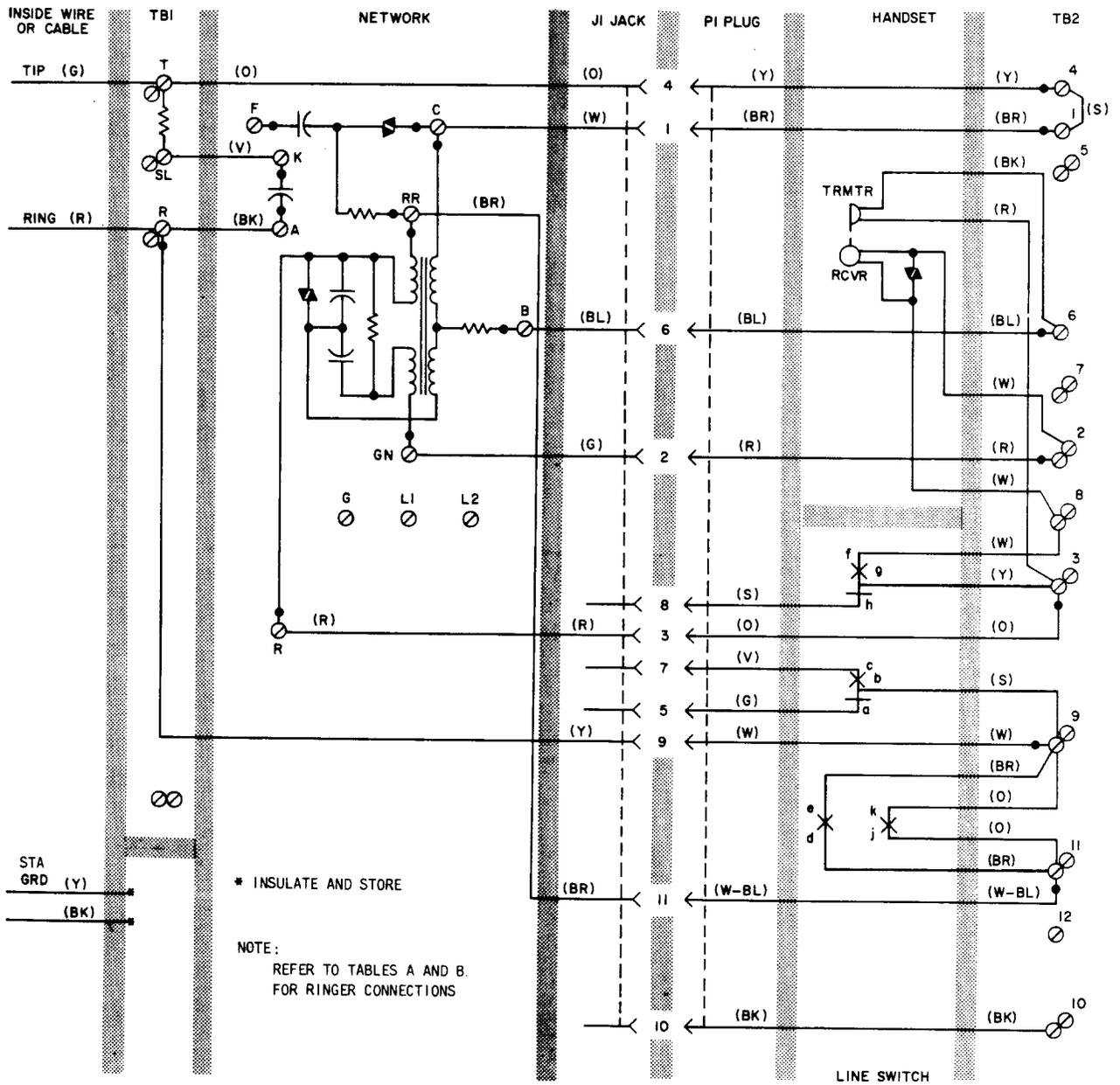


Fig. 6—755A Telephone Set, Connections