

SERVICE

568HAA TELEPHONE SET

1. GENERAL

1.01 This section provides maintenance and connection information for the 568HAA telephone set.

2. MAINTENANCE

2.01 Field replaceable items are listed in the appropriate Reference section in Division 502.

2.02 These sets are maintained in accordance with standard procedures for key telephone sets.

2.03 See appropriate section in Division 501 for maintenance of individual components such as dials, handsets, ringers, etc.

3. CONNECTIONS

3.01 The 568HAA telephone set is furnished wired for use with 2- and 4-wire common battery telephone lines and 1A1, 1A2, and 6A key telephone systems. An exclusion switch is provided for operating external circuits to disconnect other stations from one or more lines. When a station

has been excluded and the control station hold key is operated, the excluded station is restored. The control station must re-exclude after hold key operation.

3.02 This set is also wired for use with 3-type speakerphone (SD-69542-01). When using speakerphone on 4-wire lines, a J53041D, List 1 speakerphone control unit must be used.

3.03 The MA4 relay (Fig. 1) switches the receiver from 2- to 4-wire circuitry.

(a) On 2-wire lines, contacts on the unoperated MA4 relay connect the receiver to the network and allow the handset and network to function as a common battery subscriber station circuit.

(b) On 4-wire lines, operated contacts of the MA4 relay disconnect the receiver from the network and connect it to the RR and RT leads. The transmitter and network still function as a common battery subscriber station transmitter circuit. The receiver RR and RT leads are connected to impedance-matching repeating coils in the associated line circuits.

TABLE A
PICKUP-SIGNAL KEY CONVERSION

KEY TEL SET	CONVERSION OPTIONS	636A KEY LEADS			
		Y-BR	BR	S-R	BR-BK
568HAA	HPPPPP (Note)	M	M	M	X
	HPPPPS	M	M	M	SG
	HPPSSS	M	M	SG	X
	HPPSSS	M	X	SG	X
	HPPPP*S*	M	M	5H	†
	HPPP*P*S*	M	X	5H	†
	HPP*P*P*S*	X	X	5H	†

* These arrangements use line switch controlled ground for common signal key used with private or intercommunicating lines. Common signal should be used to operate a common signal relay. Do not wire directly to a buzzer.

† Connect to the same terminals as (BR) line switch lead depending on option required.

Note: To convert from pickup (locking) to signaling (non-locking) remove the P-12A892 screw detail at the key position being converted.

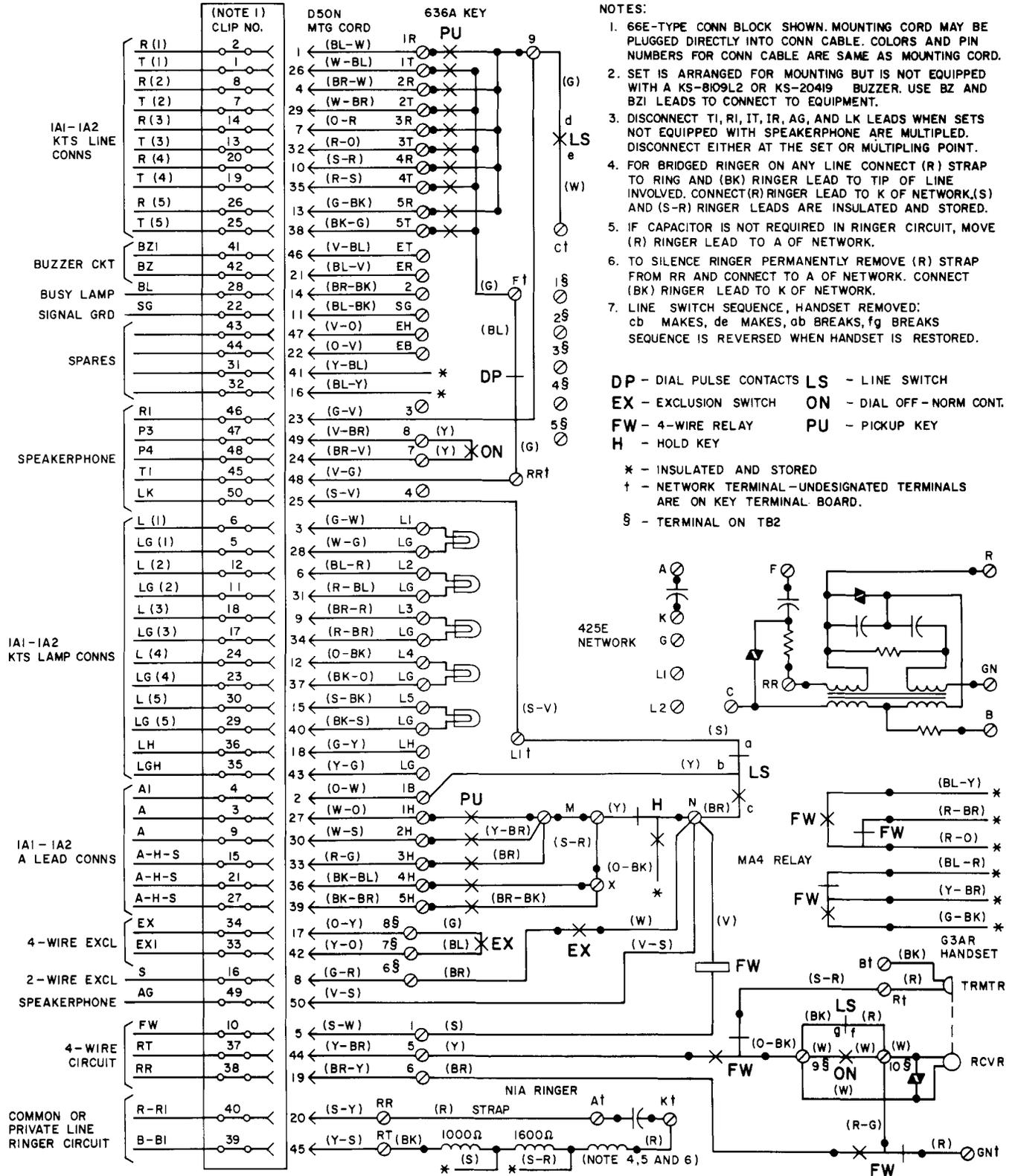
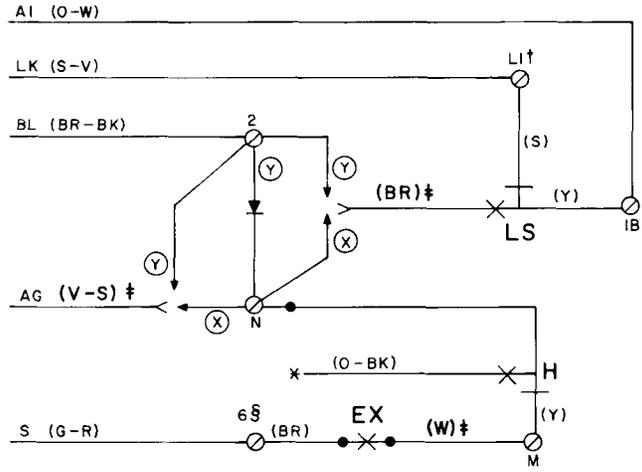
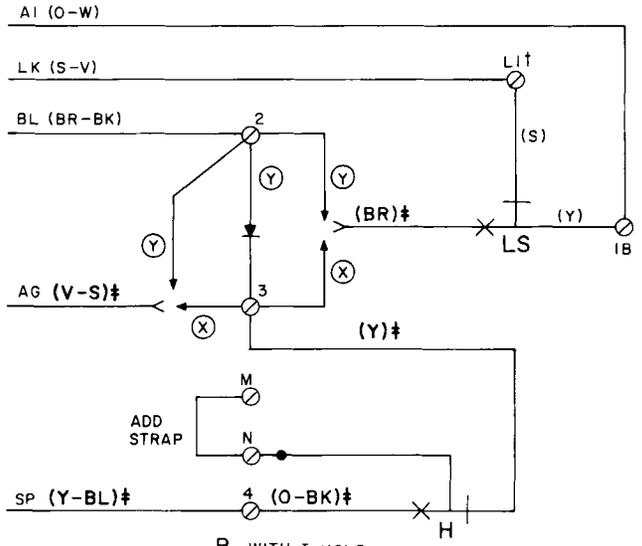


Fig. 1—568HAA Telephone Set, Connections



A. WITHOUT I HOLD



B. WITH I HOLD

- NOTE:
 UNDESIGNATED TERMINALS ARE ON KEY TERMINAL BOARD.
- EX - EXCLUSION SWITCH
 - LS - LINE SWITCH
 - H - HOLD KEY
 - (X) - WITHOUT BUSY LAMP
 - (Y) - WITH BUSY LAMP
 - * - INSULATED AND STORED
 - † - NETWORK TERMINAL
 - ‡ - LEADS INVOLVED IN MODIFICATION
 - S - TB2 TERMINAL

Fig. 2—1A1 or 1A2 KTS—I Hold and/or Busy Lamp Modification