KS-16923, LIST 1 TELEPHONE ANSWERING SET

INSTALLATION AND CONNECTIONS

1. GENERAL

1.01 This section is reissued to add information on installation of KS-16923, List 11 recording tape (See 4.08).

1.02 It is intended that CD- and SD-95295-01 be used with this section.

2. POWER

2.01 The KS-16923, List 1 telephone answering set, Fig. 1, is designed to operate on 110/125-volt, 60-cycle ac power supply.
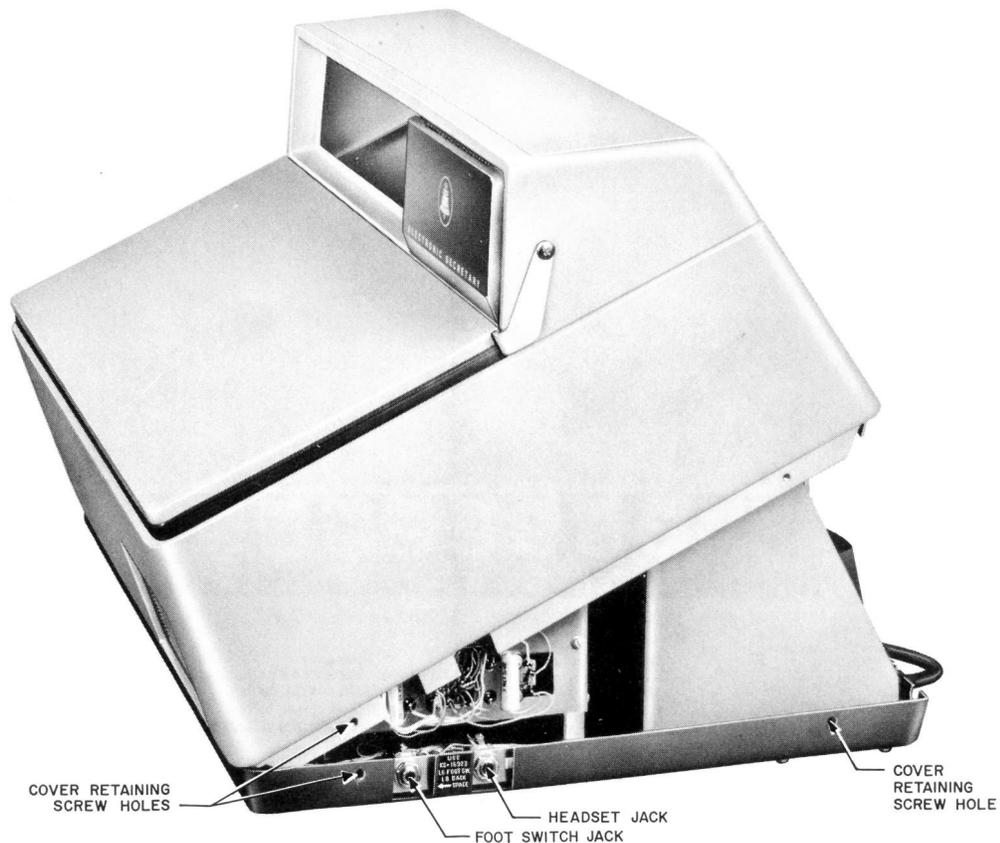

COVER RETAINING SCREW HOLES

HEADSET JACK

FOOT SWITCH JACK

COVER RETAINING SCREW HOLE

Fig. 1 — KS-16923, List 1, Telephone Answering Set, Cover Raised

2.02 In no case should the answering set be connected to *direct current*. This would result in serious damage to answering set.

2.03 If direct current is the only available power supply, a KS-15662, List 1 inverter must be used. Installation of this inverter is covered in the section entitled KS-15662 DC-AC Inverter for Use with Telephone Answering Sets.

2.04 A 1-ampere (AGC 1) fuse is provided in answering set for protection (Fig. 2).

2.05 Customer must provide and maintain a standard ac outlet within reach of the 6-foot power cord. Outlet must not be controlled by a switch.

3. LOCATION

3.01 Locate telephone answering set in accordance with customer's wishes after considering the following:

(a) Avoid placing set where it will be exposed to weather or extreme heat.

(b) Locate answering set on table, shelf, or desk that is strong enough to support 65 pounds, its approximate weight.

4. INSTALLATION

Do not connect telephone answering set to power supply until after all other installation work has been completed.

Telephone Answering Set

4.01 Exercise precaution to avoid marring desk, tables, etc.

4.02 Remove cover of answering set to make connections. Remove screws and lift rear panel out (see Fig. 1 and 3).
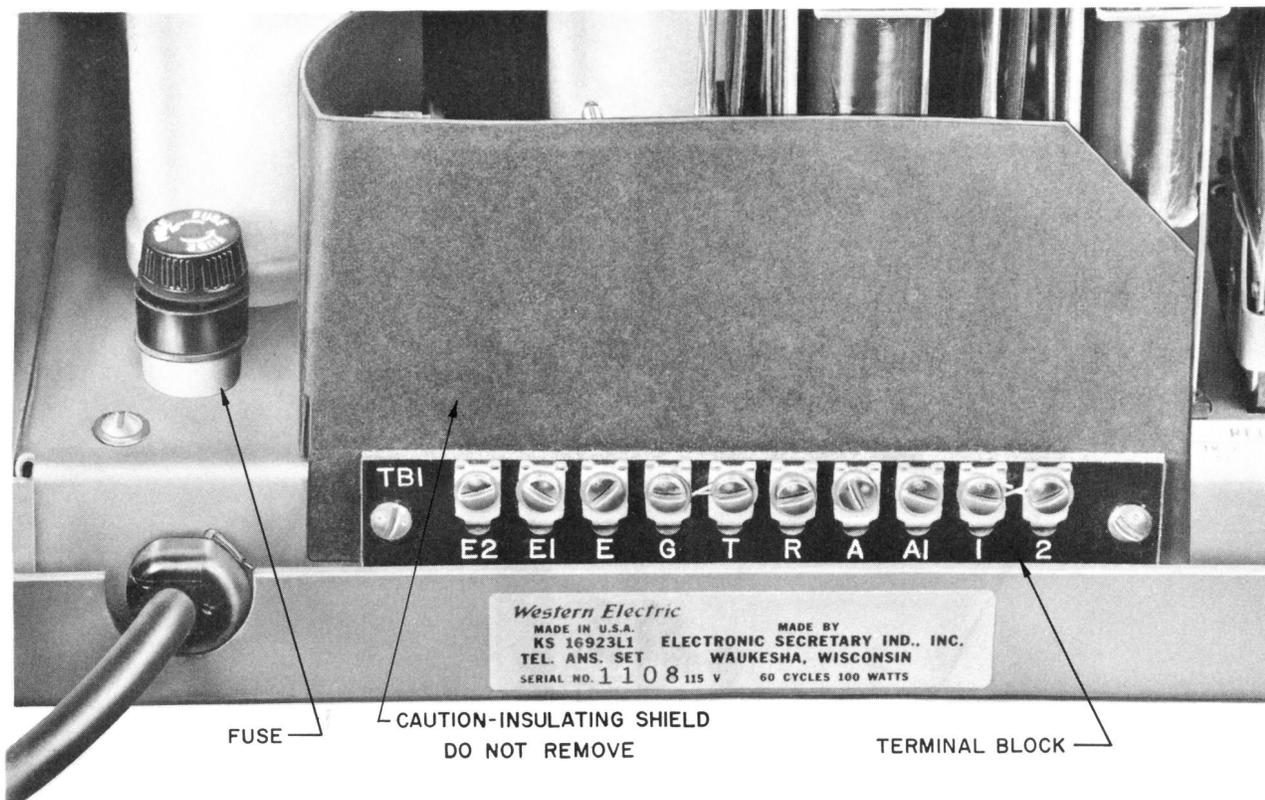

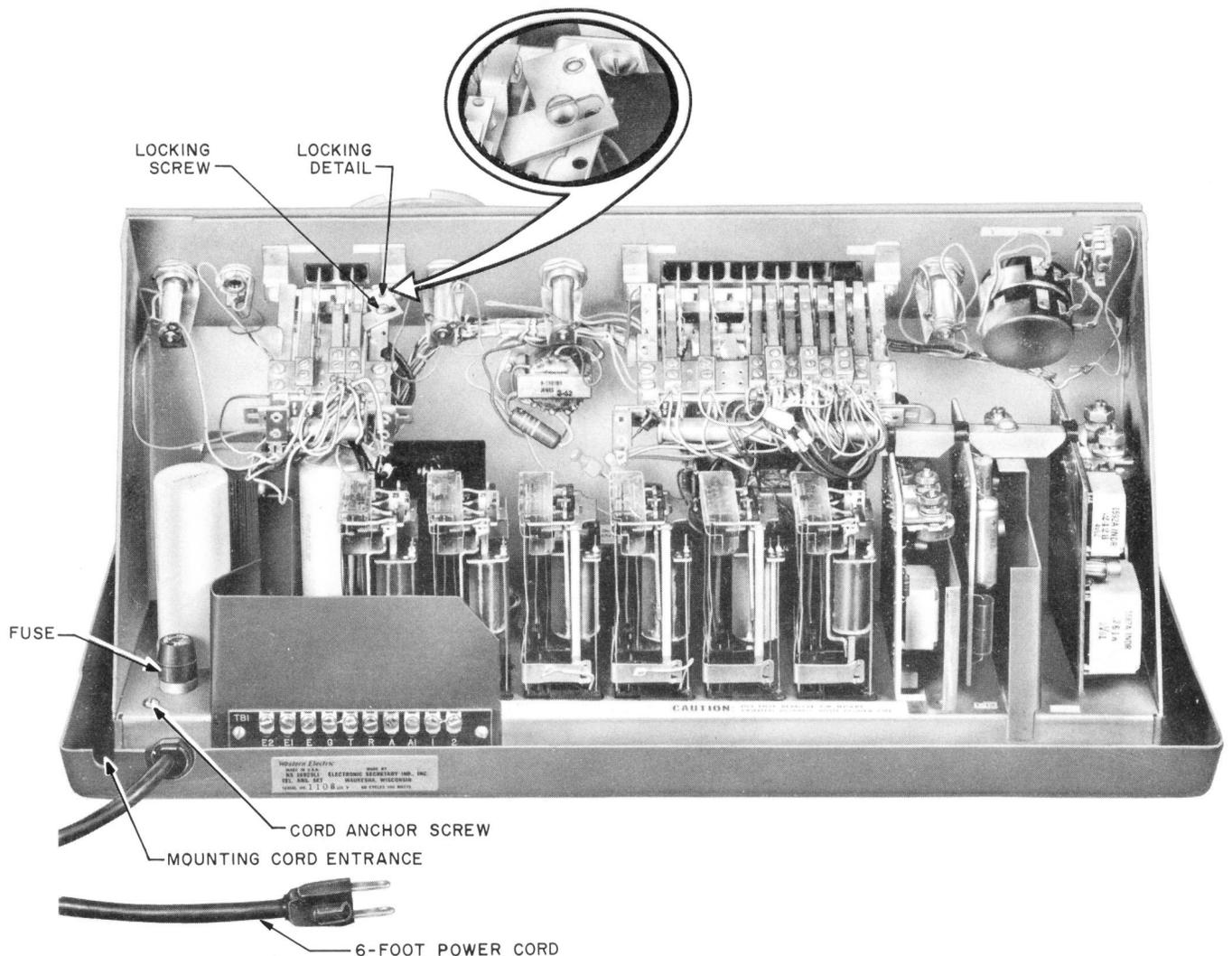Fig. 2 — KS-16923, List 1 Telephone Answering Set, Left Side

LOCKING SCREW

LOCKING DETAIL

FUSE

CORD ANCHOR SCREW

MOUNTING CORD ENTRANCE

6-FOOT POWER CORD

Fig. 3 — KS-16923, List 1 Telephone Answering Set, Rear Panel Removed

4.03 Use a suitable mounting cord between the 42A connecting block and terminal block of telephone answering set.

4.04 Insert mounting cord through slot provided in telephone answering set to left of power cord entrance. Anchor cord with suitable fastener using screw hole in front of fuse holder (Fig. 3).

4.05 Make connections for type of service required as covered in Fig. 8.

4.06 Install KS-16923, List 10 announcement cartridge.

(1) Place announcement cartridge in its hub.

(2) Pull tape from center of cartridge. Pull only enough tape to thread properly.

(3) Make sure the tape rides in the grove of guides and that actuator assembly lever rides on top and center of tape.

(4) Actuator assembly lever shall drop into slot in tape to stop announce motor when the tape is indexed.
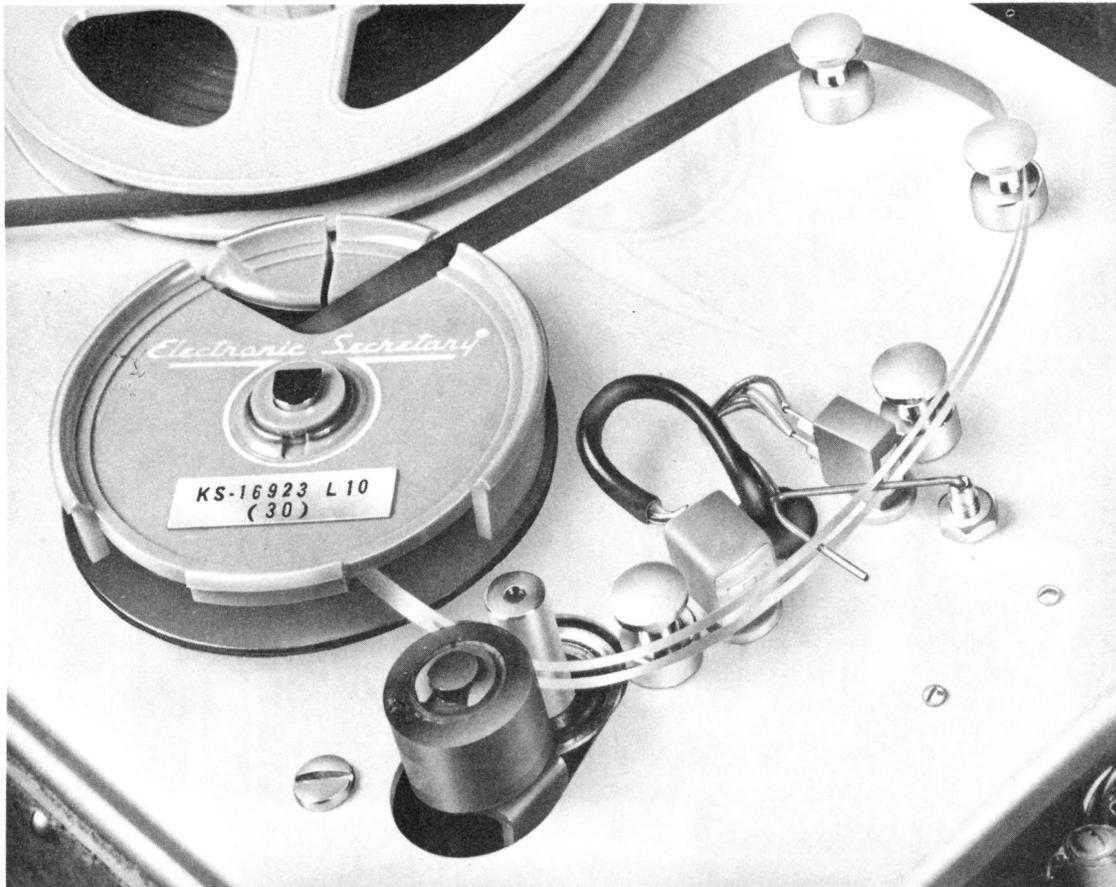
(5) Follow path of tape as shown in Fig. 4.

Fig. 4 — KS-16923, List 10 Announcement Cartridge

4.07 Check KS-16923, List 11 recording tape. Recording tape and reels are attached and threaded at factory. They should be inspected before operation of set. Follow path of tape as shown in Fig. 5.

4.08 Installation procedures for KS-16923 List 11 recording tape differ on earlier model sets. Installation procedures for all sets are covered in the plant series section entitled, KS-16923 List 1 Telephone Answer Set, Mechanical Adjustments and Maintenance.

Caution: 5¾-inch reels must be used with earlier model sets with serial numbers 1101 and lower. Do not use 5-inch reels on these sets unless the list 5 recorder has been modified. Recorders which have been modified may be identified by a red marking "RB"

in ⅛-inch characters located to the left of the KS-16923, List 1 name plate at rear of set. Do not use any other reels or tape on these machines. Refer to section covering KS-16923, List 1 telephone answering set, identification and assembly of parts, for description of 5-inch and 5¾-inch reels.

4.09 With AUTO ANSWER OFF key in OFF position, insert power cord plug in power outlet and secure plug as described in the section covering power supply, station systems, installation and maintenance.

4.10 The telephone answering set should now be ready for operation.

4.11 For operation procedure see the section covering KS-16923, List 1 telephone answering set, operation.
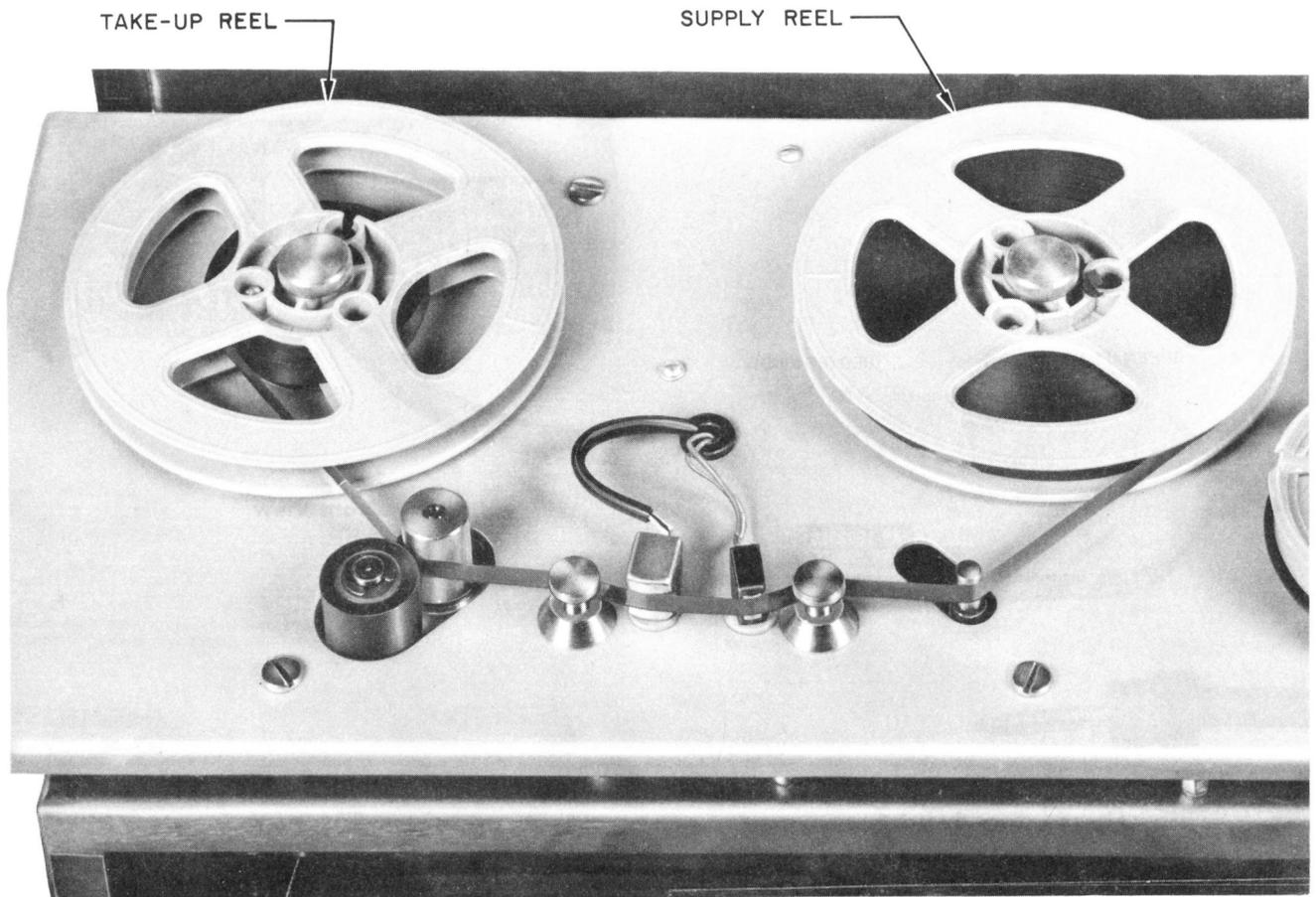
TAKE-UP REEL ⎯⎤   SUPPLY REEL ⎯⎤

Fig. 5 — KS-16923, List 11 Recording Tape

4.12 Foot switch KS-16923, List 6:

(1) Insert plug of foot switch (Fig. 6) into foot switch jack on telephone answering set (Fig. 1).

4.13 Backspace unit KS-16923, List 8:

(1) Insert plug of backspace unit (Fig. 7) into foot switch jack of telephone answering set (Fig. 1).

(2) Insert plug of foot switch into jack of backspace unit (Fig. 7).

4.14 The amount of backspace is readily controlled by means of a potentiometer knob (Fig. 1) up to approximately a dozen words.

4.15 Instruct customer regarding correct operation. Caution customer against placing objects on telephone answering set.

5. OPTIONS

Be sure power is off when installing or removing strap from terminals 1 and 2.

5.01 *Talk-down tone:* To disable the 1400-cycle low-level talk-down tone that is transmitted on calling party's line when voice level drops below —45 volume units or disappears entirely, remove strap from terminals 1 and 2 of telephone answering set terminal block.
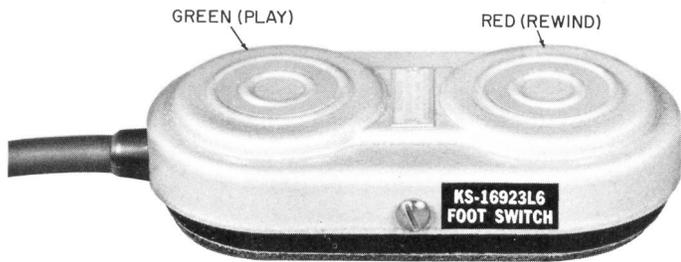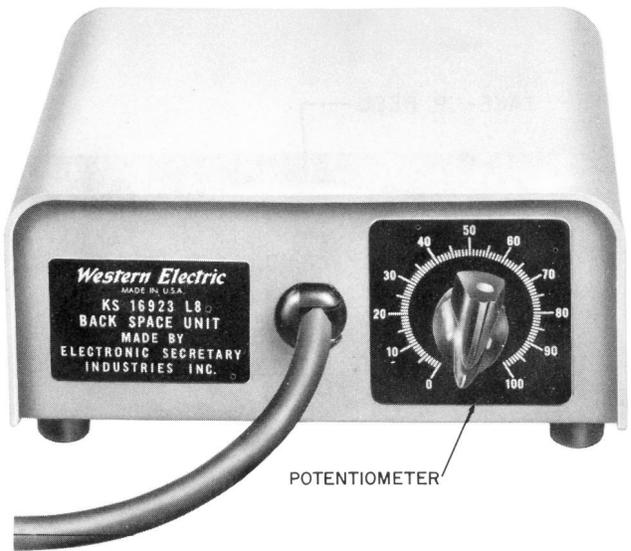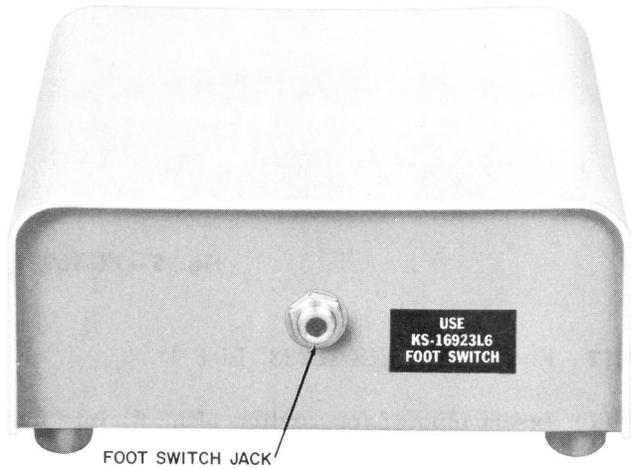
GREEN (PLAY)   RED (REWIND)

KS-16923L6
FOOT SWITCH

Fig. 6 — Foot Switch

Western Electric
MADE IN U.S.A.
KS 16923 L8
BACK SPACE UNIT
MADE BY
ELECTRONIC SECRETARY
INDUSTRIES INC.

POTENTIOMETER

Front View

USE
KS-16923L6
FOOT SWITCH

FOOT SWITCH JACK

Rear View
Fig. 7 — Backspace Unit

5.02 *Dictate-button lock:* To lock dictate button so that previously recorded announcement cannot be erased:

(1) Loosen locking screw (Fig. 3).

(2) Slide locking detail under spring assembly and tighten locking screw (Fig. 3).

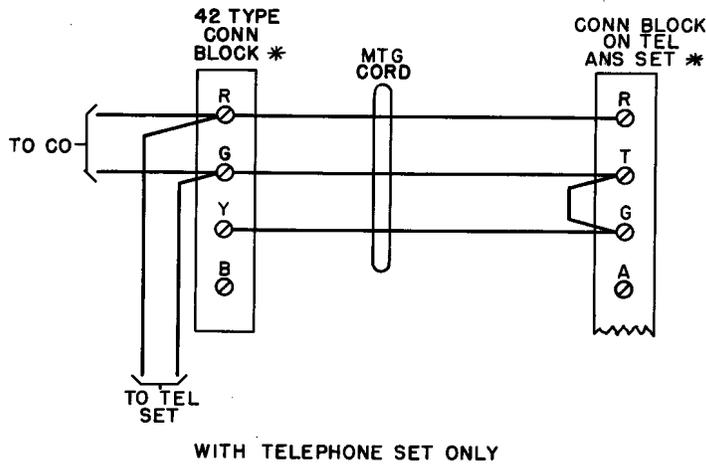**5.03** Do not use options listed above without proper authorization.

6. CONNECTIONS (Fig. 8)

TABLE A

E2	EI	E	G	T	R	A	AI	I	2
⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘

KS-16923, LIST I TELEPHONE ANSWERING SET TERMINAL BLOCK

WITH TELEPHONE SET ONLY

Note 1: Set may be connected on either side of KTU.

* See Table A for mounting cord connections.

† For terminal numbers, see section covering 1A key telephone system, maintenance.
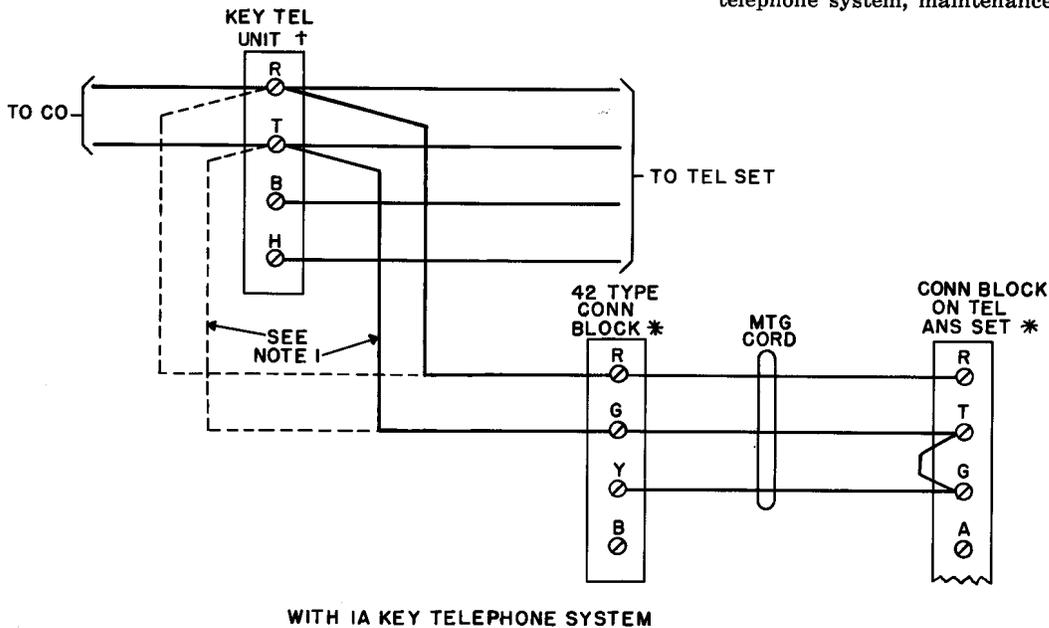
WITH IA KEY TELEPHONE SYSTEM

Fig. 8 — KS-16923, List 1 Telephone Answering Set Connections

WITH IAI KEY TELEPHONE SYSTEM

WITH 755A PBX

WITH DIAL SELECTIVE INTERCOMMUNICATING
CIRCUIT, IA OR IAI KEY TELEPHONE SYSTEM

* See Table A for mounting cord connections.

‡ For terminal numbers, see section covering
1A1 key telephone system, maintenance.

§ May be adapted to key telephone system 6A
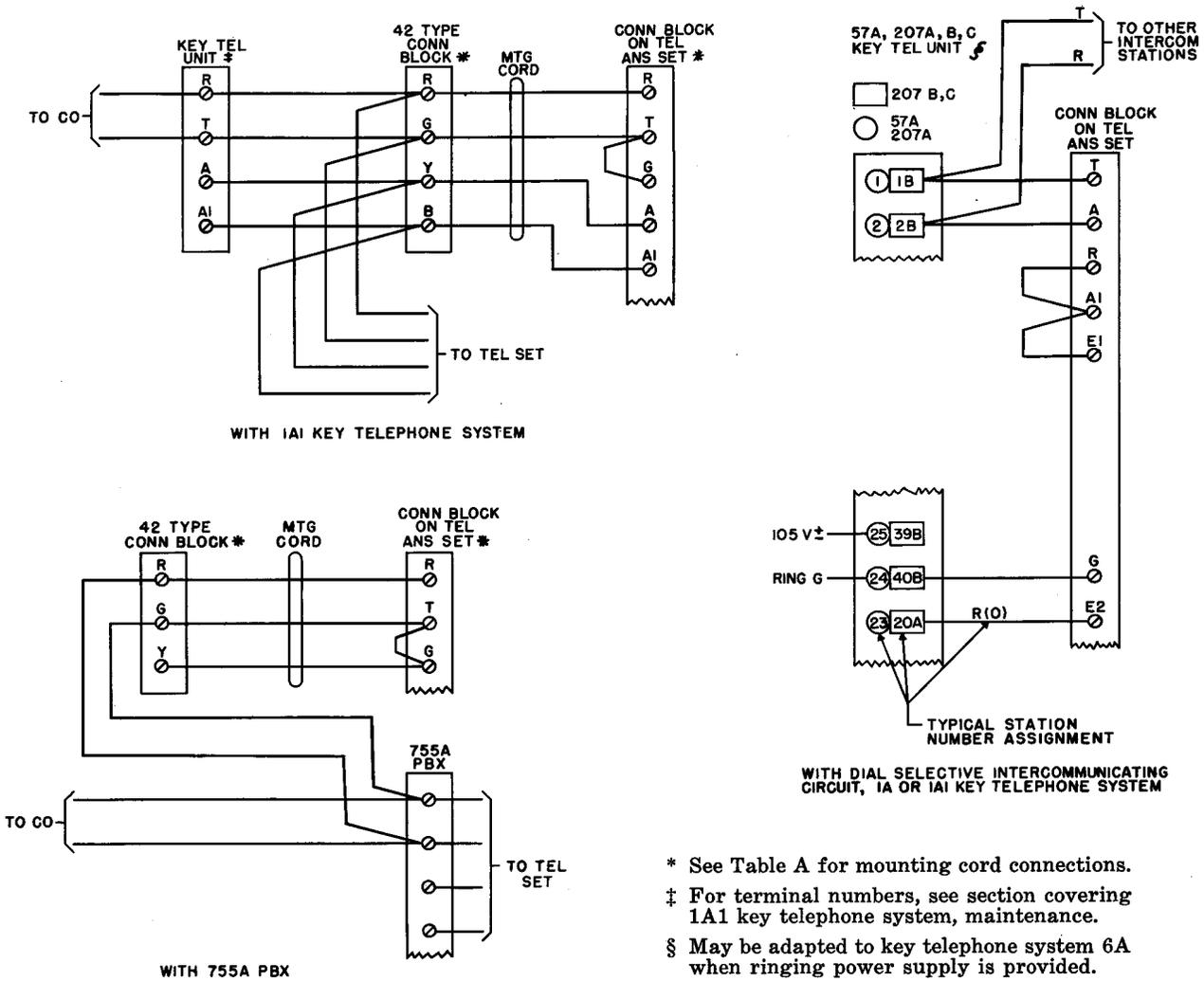when ringing power supply is provided.

Fig. 8 — KS-16923, List 1 Telephone Answering Set Connections (Cont)

TABLE A

MOUNTING CORD CONNECTIONS

Cord Conductor Color	At Connecting Block on Tel Ans Set	Side of Line Wire to Which Cord Conductor Is Terminated		
		Individual, PBX, or Bridged Service	2-Party Selective or Message Rate Service*	
			Ring Party	Tip Party
Red	R	Ring	Ring	Tip
Green	T	Tip	Tip	Ring
Yellow	G	Tip	Ground	Ground

* Remove strap between T and G on telephone answering set connecting block and place local ground on G.