

BURNS, J. G. .... 3  
DI LIA, G. C. .... 0  
JACK ON, G. C. .... 5  
KLAISS, M. J. .... 6  
PERRIN, A. B. .... 7

## 1B AND 1BA TELEPHONE ANSWERING SETS

### IDENTIFICATION AND ASSEMBLY OF PARTS

#### 1.00 GENERAL

**1.01** The 1B and 1BA telephone answering sets furnish automatic answering and recording as well as answer only service. Fig. 1 shows the 1BA telephone answering set and associated telephone equipment. The set is connected to a telephone line and is used in conjunction with the telephone set. The ringer in the associated telephone set provides the audible signal when an incoming call is received.

**1.02** The 1BA telephone answering set does not have the message playback volume control on the control panel as does the 1B set. This feature is a screwdriver adjustment to be made in the right rear of the 1BA telephone answering set (see Fig. 2).

**1.03** Features provided are an announcement of up to 30 seconds and an incoming message of 30 seconds maximum length.

**1.04** The associated telephone set used with the 1B and 1BA telephone answering sets may be 300 type, 500 type, 532-type amplifier set, or 700-type Princess telephone set.

**1.05** Power required for the answering set is 105 to 125 volts 60 cycles ac and shall be supplied by the customer. In locations where only dc power is available, see section entitled KS-15662 DC-AC Inverter for Use with Telephone Answering sets.

**1.06** When the answering set is turned off, the associated telephone operates in the normal manner.



Fig. 1 — 1BA Telephone Answering Set and Associated Telephone Equipment

## SECTION 514-120-100



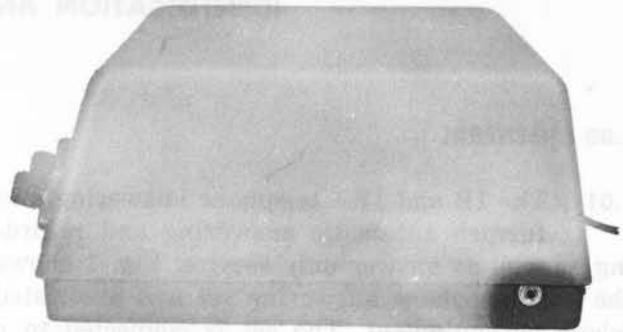
**Fig. 2 — 1BA Telephone Answering Set, Message Playback Volume Control**

**1.07** The 1B and 1BA telephone answering sets can be used at common battery, manual, or dial stations of the following classes of service.

- Individual lines
- 2-party selective
- 4-party selective
- PBX stations

**1.08** The 1B and 1BA telephone answering sets, respectively, represent the equivalent of two high-impedance ringers. The telephone answering set when connected with a high-impedance ringer in the associated telephone set represents the equivalent of three high-impedance ringers.

**1.09** A headset jack is provided on the right rear side of the 1B and 1BA telephone answering sets to enable an auxiliary receiver to be plugged in for announcement check and message playback (see Fig. 3).



**Fig. 3 — Headset Jack for Auxiliary Receiver**

**1.10** Front panel controls of the 1BA telephone answering set shown in Fig. 4 are as follows:

- START BUTTON — STOP BUTTON
- FUNCTION SELECTOR KNOB
- OFF-ON KNOB
- ANSWER AND RECORD — ANSWER ONLY KNOB
- MESSAGE INDICATOR DIAL
- MESSAGE SELECTOR KNOB

**1.11** Indicating lights on front panel are:

- BELL SYSTEM MEDALLION (power on light)
- ANNOUNCEMENT-DICTATE LAMP (red)
- ANSWER AND RECORD LAMP (green)
- ANSWER ONLY LAMP (amber)

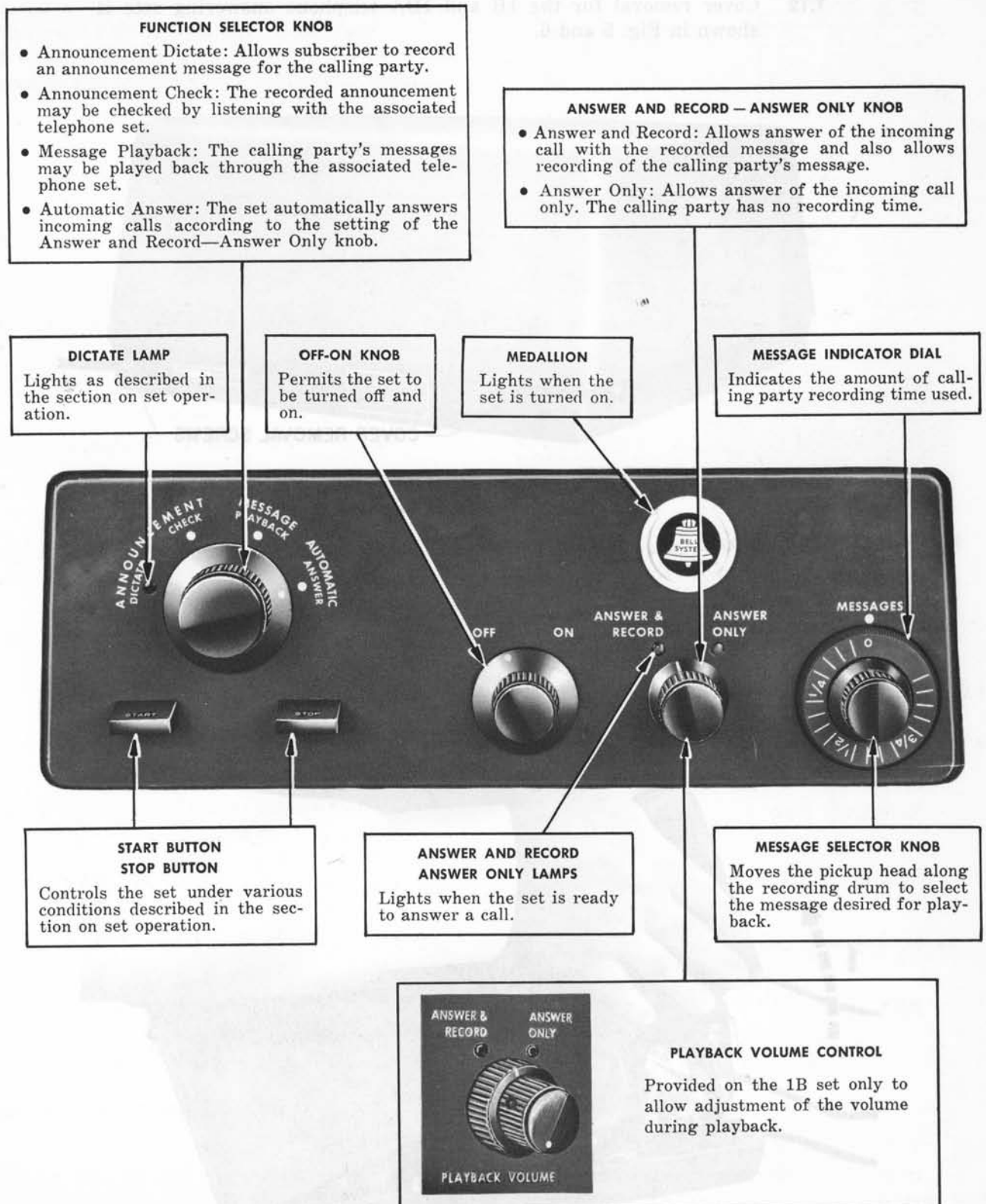


Fig. 4 — 1BA Telephone Answering Set, Front Panel Controls

- 1.12 Cover removal for the 1B and 1BA telephone answering sets is shown in Fig. 5 and 6.



Fig. 5 — Location of Cover Removal Screws

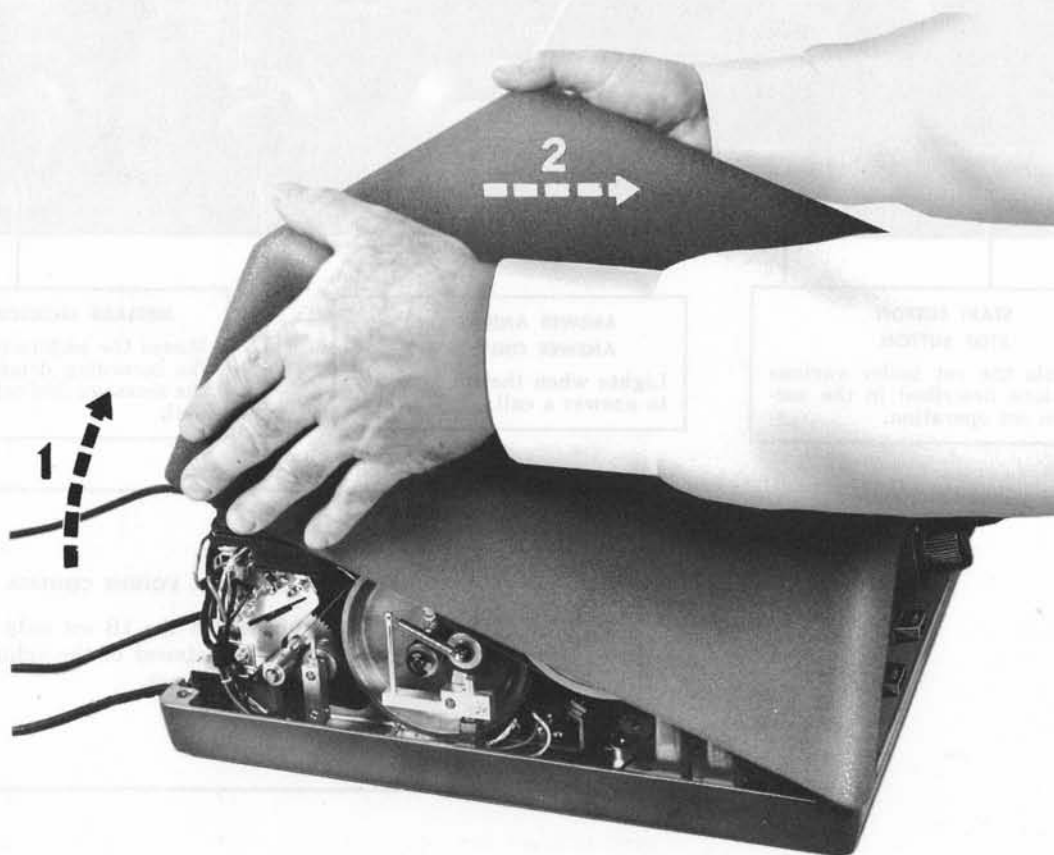
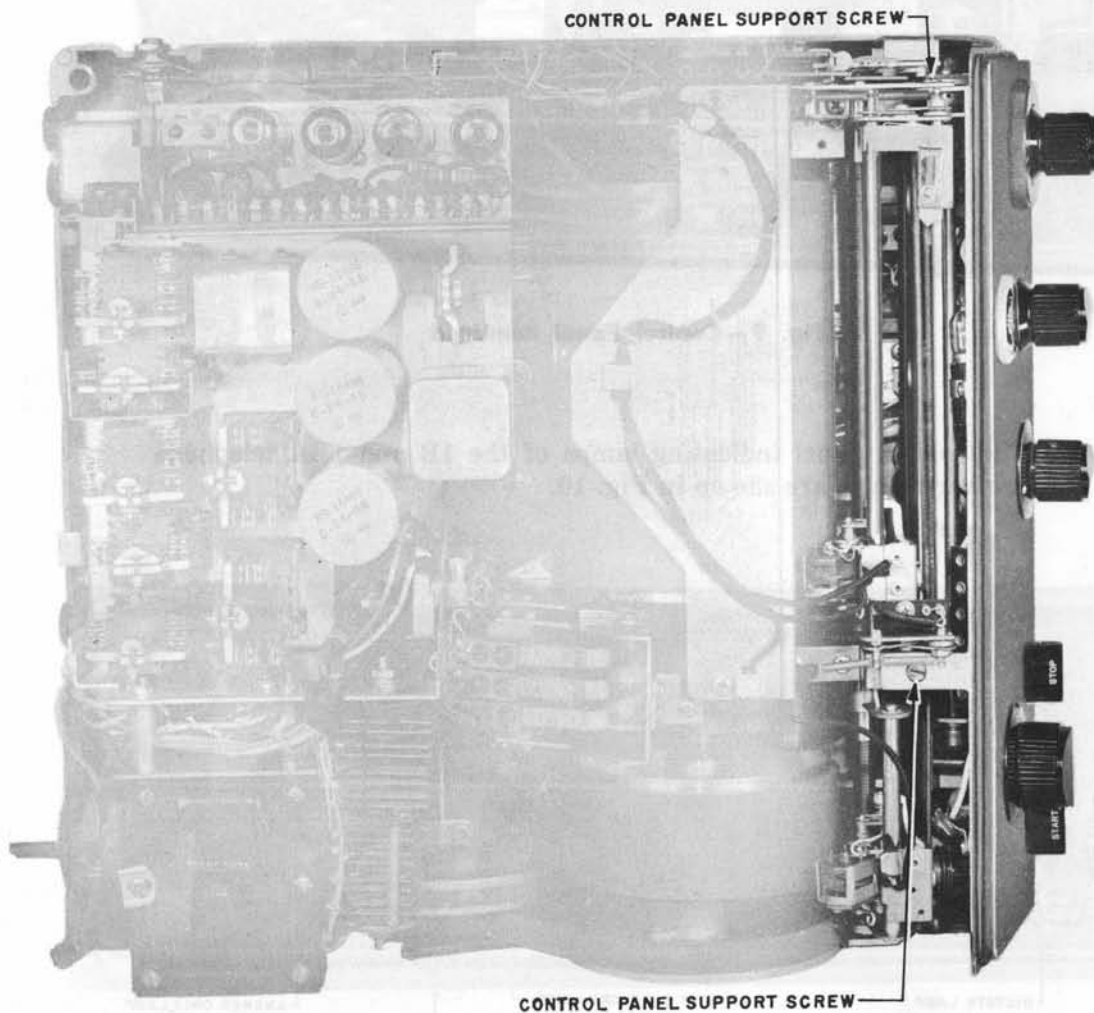
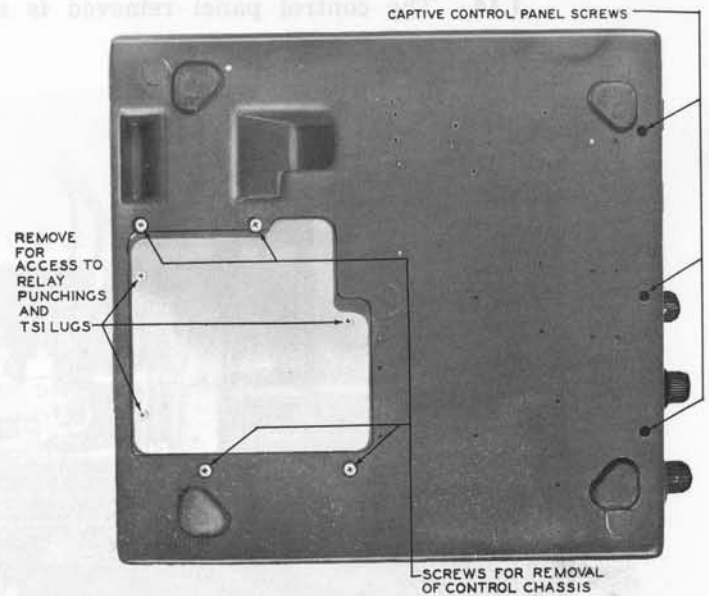


Fig. 6 — Cover Being Removed

**1.13** The control panel is held in place by three captive screws in the front base of the set (see Fig. 7) and two control panel support screws (see Fig. 8).

**Fig. 7 — Control Panel, Captive Screws**



**Fig. 8 — Control Panel Support Screws**



- 1.14 The control panel removed is shown in Fig. 9.

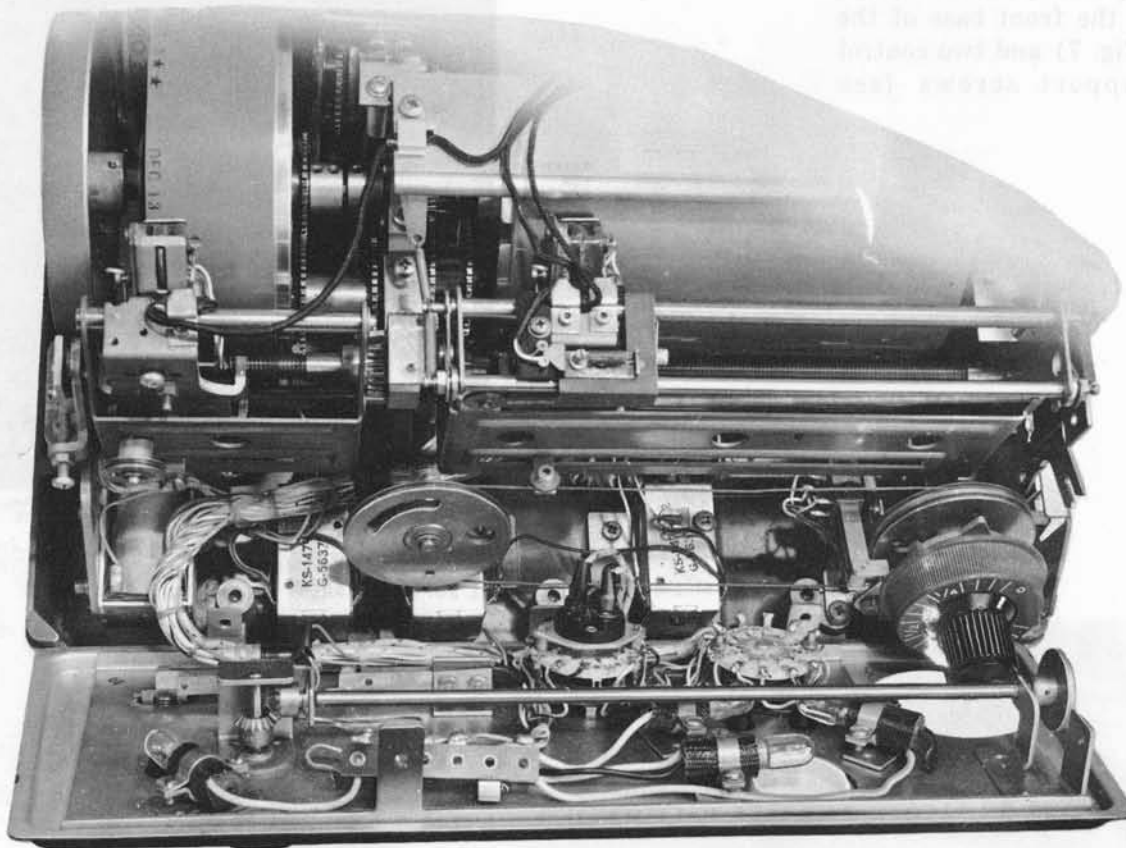


Fig. 9 — Control Panel Removed

- 1.15 The control panel indicating lamps of the 1B and 1BA telephone answering sets are shown in Fig. 10.

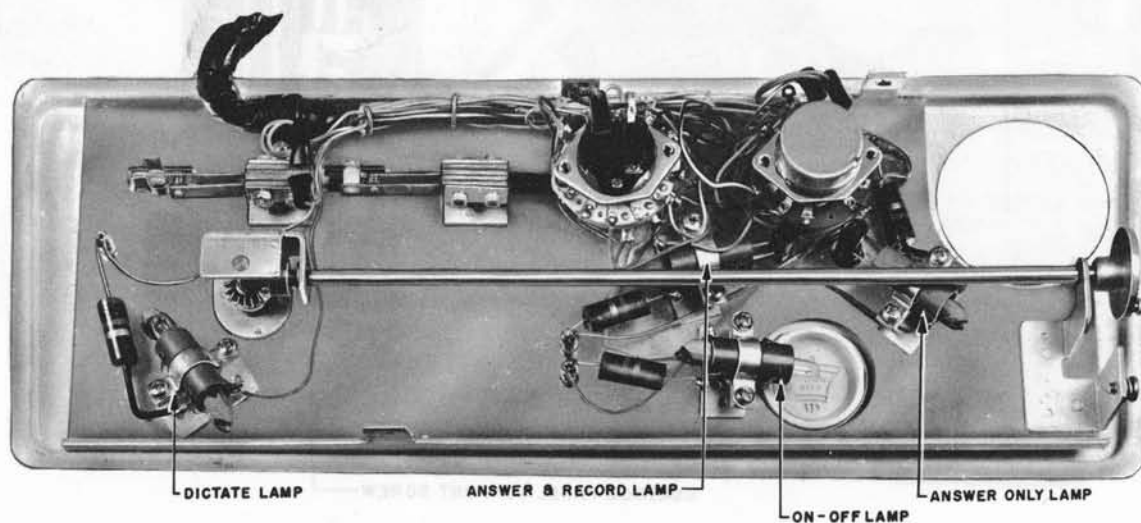


Fig. 10 — Control Panel Indicating Lamps

1.16 Fig. 11 identifies the reset button and the ac fuse holder.

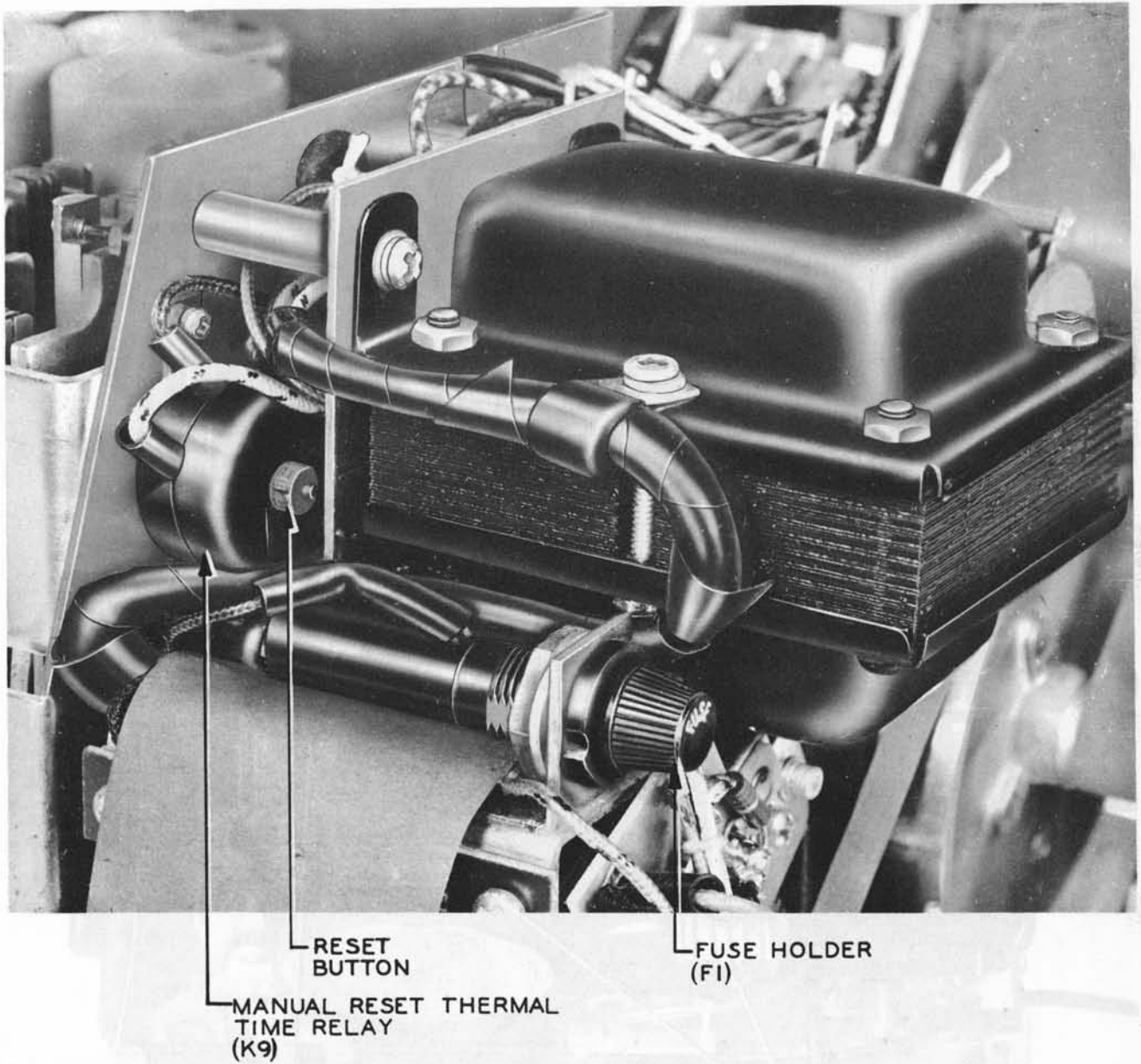


Fig. 11 — Reset Button and AC Fuse Holder

- 1.17 Fig. 12 identifies the packing and cording to be removed at the time of installation.
- 1.18 Fig. 13 identifies the assembled parts of the telephone answering set.

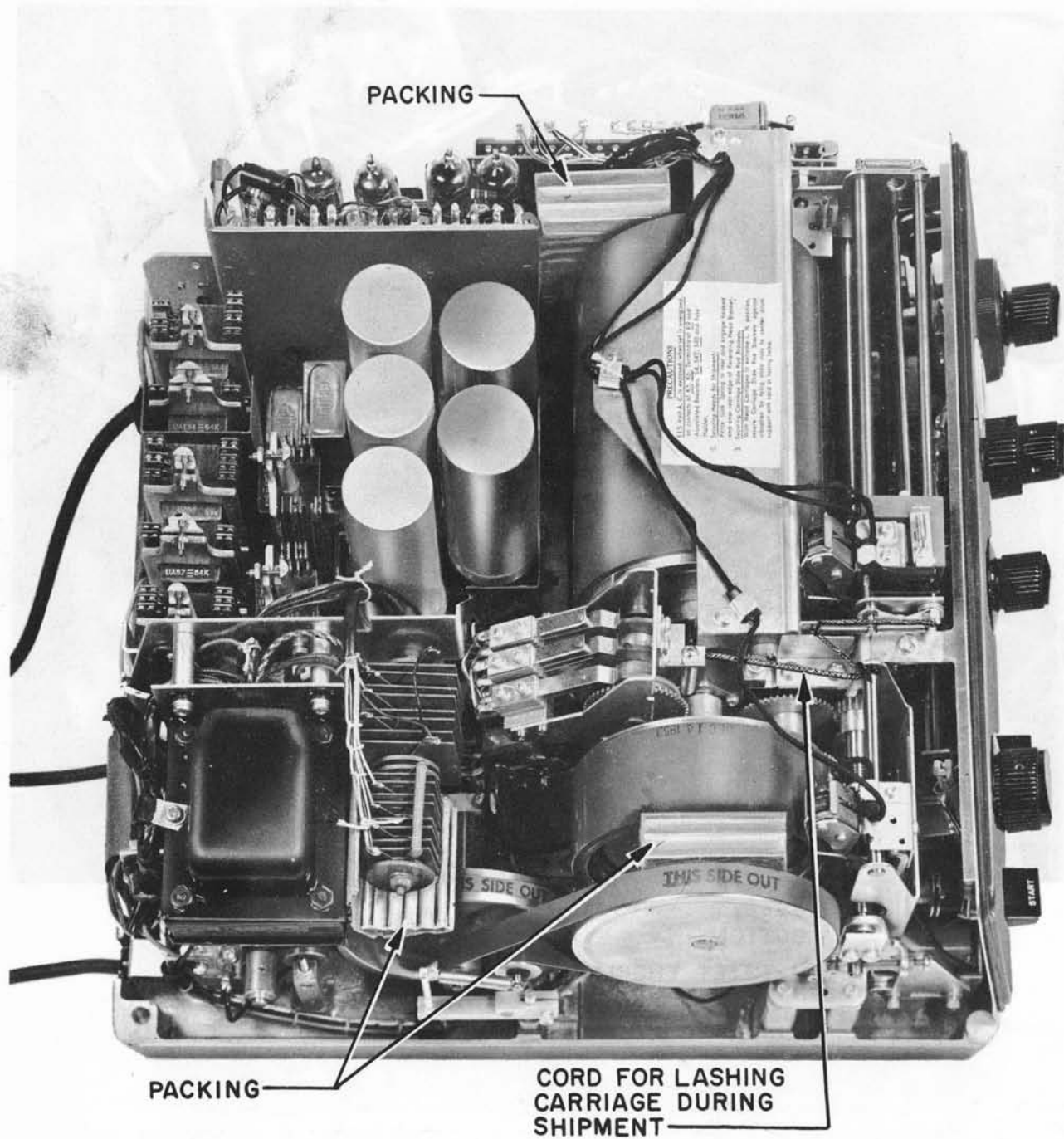


Fig. 12 — Packing Material and Lashing



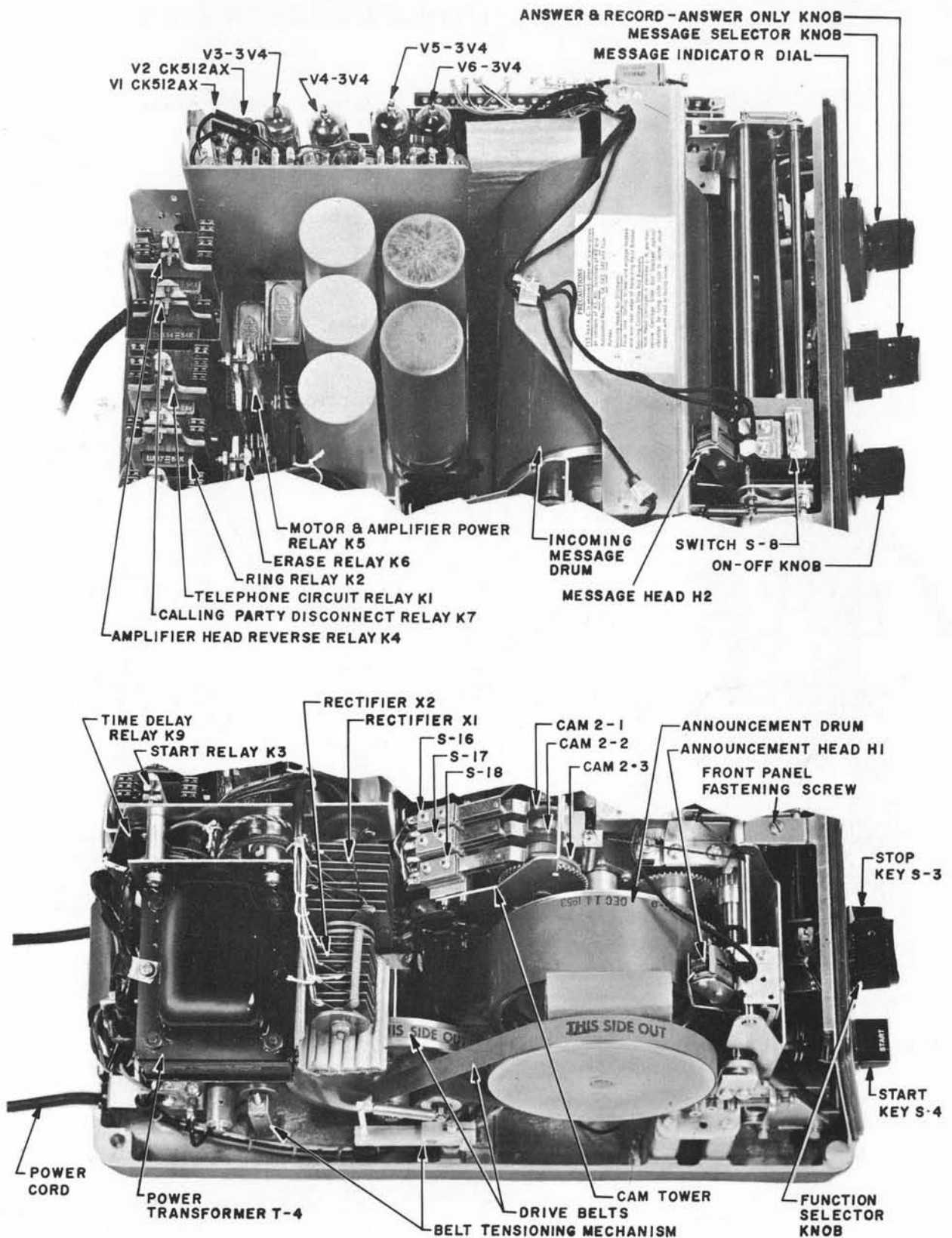


Fig. 13 — Assembled Parts of Telephone Answering Set

