

KS-19245, LIST 1

TELEPHONE ANSWERING SET  
IDENTIFICATION AND ASSEMBLY OF PARTS

1. GENERAL

1.01 This section is reissued to:

- Change Fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, and 12
- Add Fig. 13
- Add information on KS-19245, List 12 backspace unit

- Change information on adjustment of announcement recording interval.

1.02 The KS-19245, List 1 telephone answering set (Fig. 1) is an automatic answering set for either answer and record or answer only service.

1.03 It is intended that CD- and SD-99306-01 be used with this section.

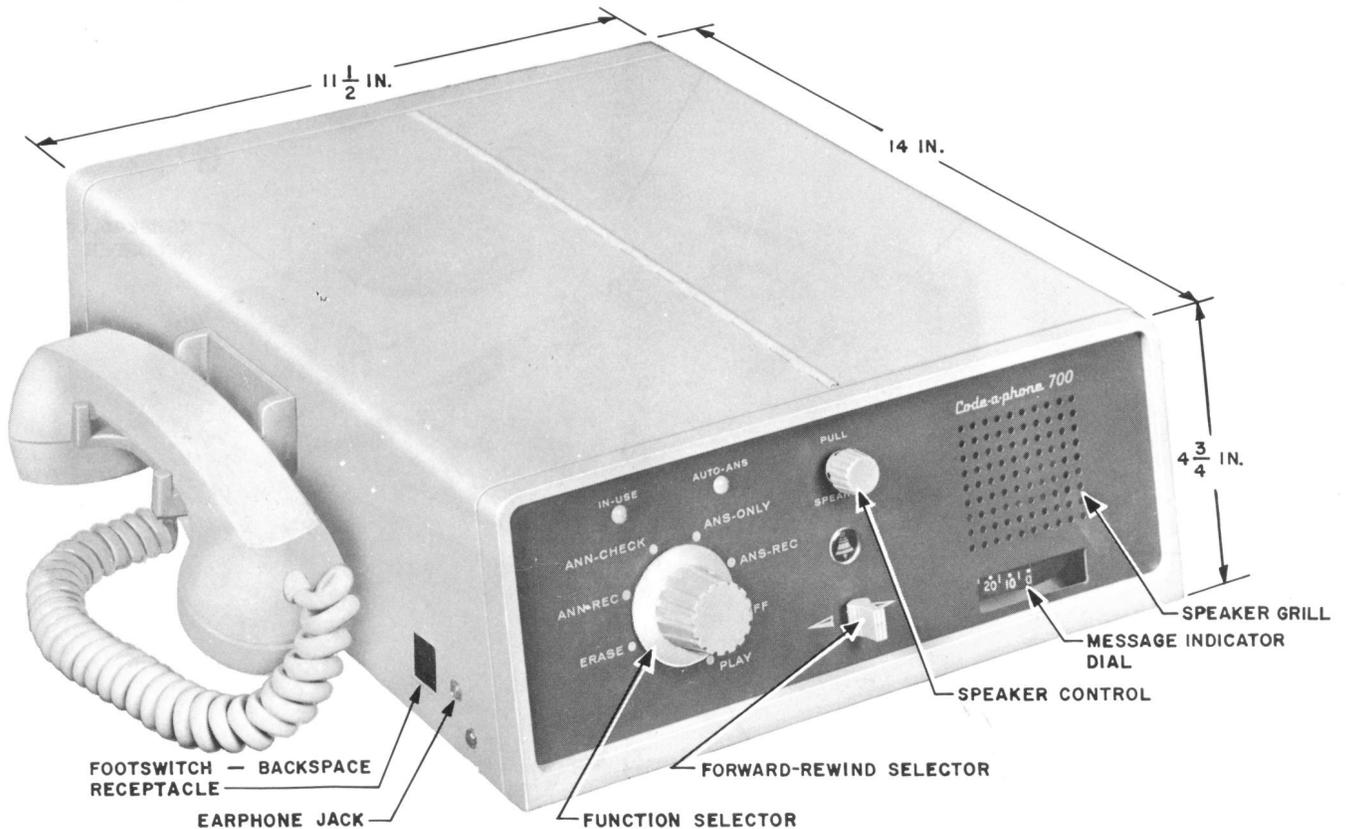


Fig. 1 - KS-19245, List 1 Telephone Answering Set

1.04 This answering set is used with individual lines, PBX extension lines, 2-party selective flat or message rate lines, and key telephone systems.

1.05 The KS-19245, List 1 telephone answering set does not replace any apparatus; however, it provides the same operational features as the KS-16923, List 1 telephone answering set.

1.06 The KS-19245, List 1 telephone answering set provides:

- (a) Announcement recording on magnetic tape with capacity of 3 minutes.
- (b) Adjustment for limiting announcement recording interval, in 15 second in-

crements (from 15 seconds to 90 seconds) or in 30 second increments (from 90 to 180 seconds).

(c) Handset, for recording announcements, and for checking recorded announcements or playback of recorded incoming messages.

(d) Earphone jack, for use with KS-19245, List 9 earphone for playback of recorded incoming messages. For example, during transcribing.

(e) Tape cartridge, for recording of incoming messages, with maximum recording time of two hours.

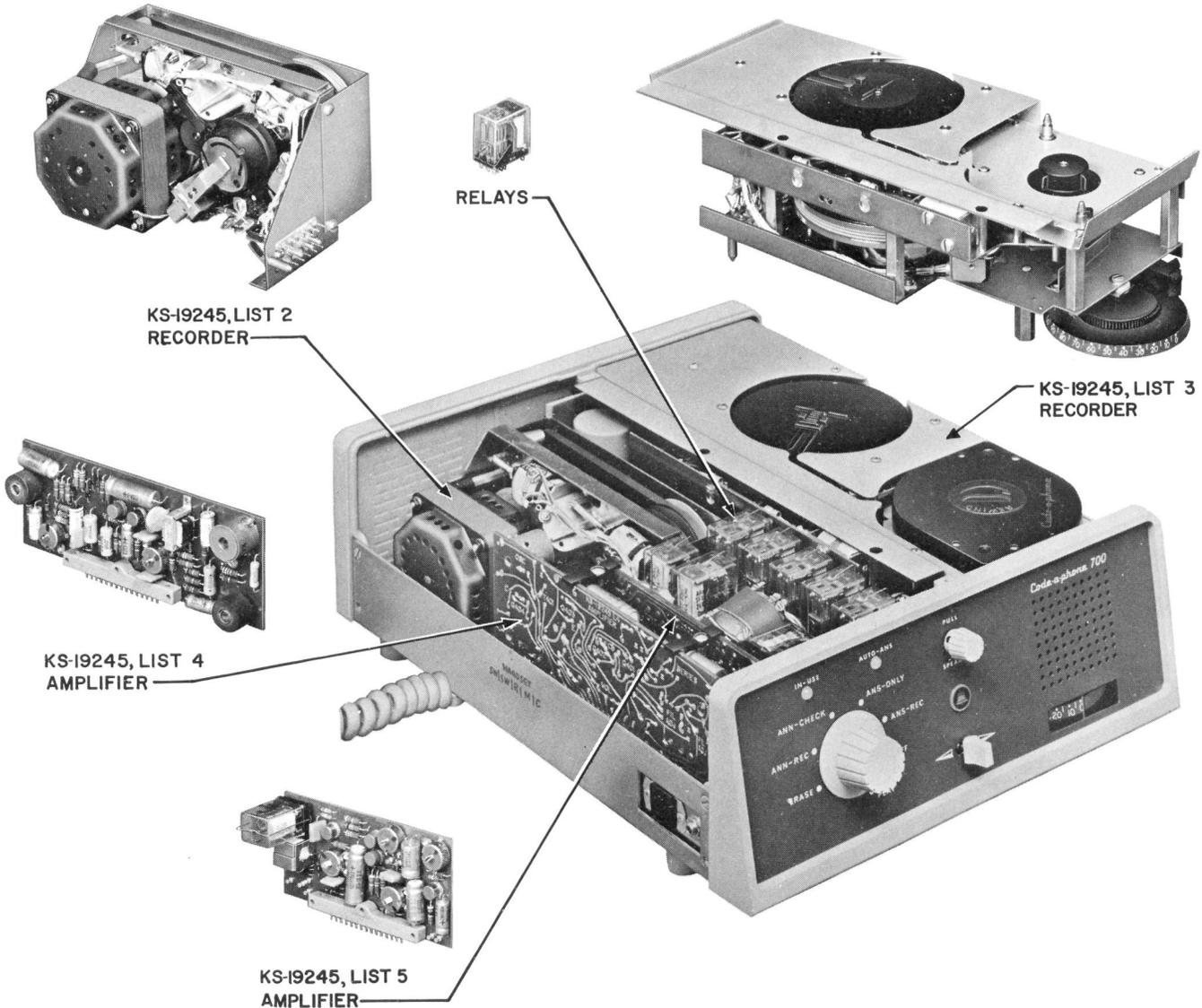


Fig. 2 - KS-19245, List 1 Telephone Answering Set - Cover Removed

- (f) Adjustment for incoming message recording time of one or two hours.
- (g) Voice control operation during incoming message record.
- (h) DC calling party control during automatic answer cycle.
- (i) Answer only operation when desired.
- (j) Foot switch receptacle to be used with KS-19245, List 8 foot switch for operation during playback of recorded incoming messages.
- (k) Message indicator dial to show position of message tape.
- (l) Plug connection for optional 2- or 3-wire power cord.

1.07 The answering set weighs approximately 30 pounds. It is housed in a metal case. The cover has a light olive gray textured finish and the front panel has a blue-gray enamel finish. Dimensions of the set are shown in Fig. 1.

1.08 The interior of the List 1 answering set is shown in Fig. 2 and 3. KS-19245, List 1 answering set consists of the following component parts:

- List 2 Recorder (Announcement)
- List 3 Recorder (Message)
- List 4 Amplifier
- List 5 Amplifier
- List 6 Cartridge

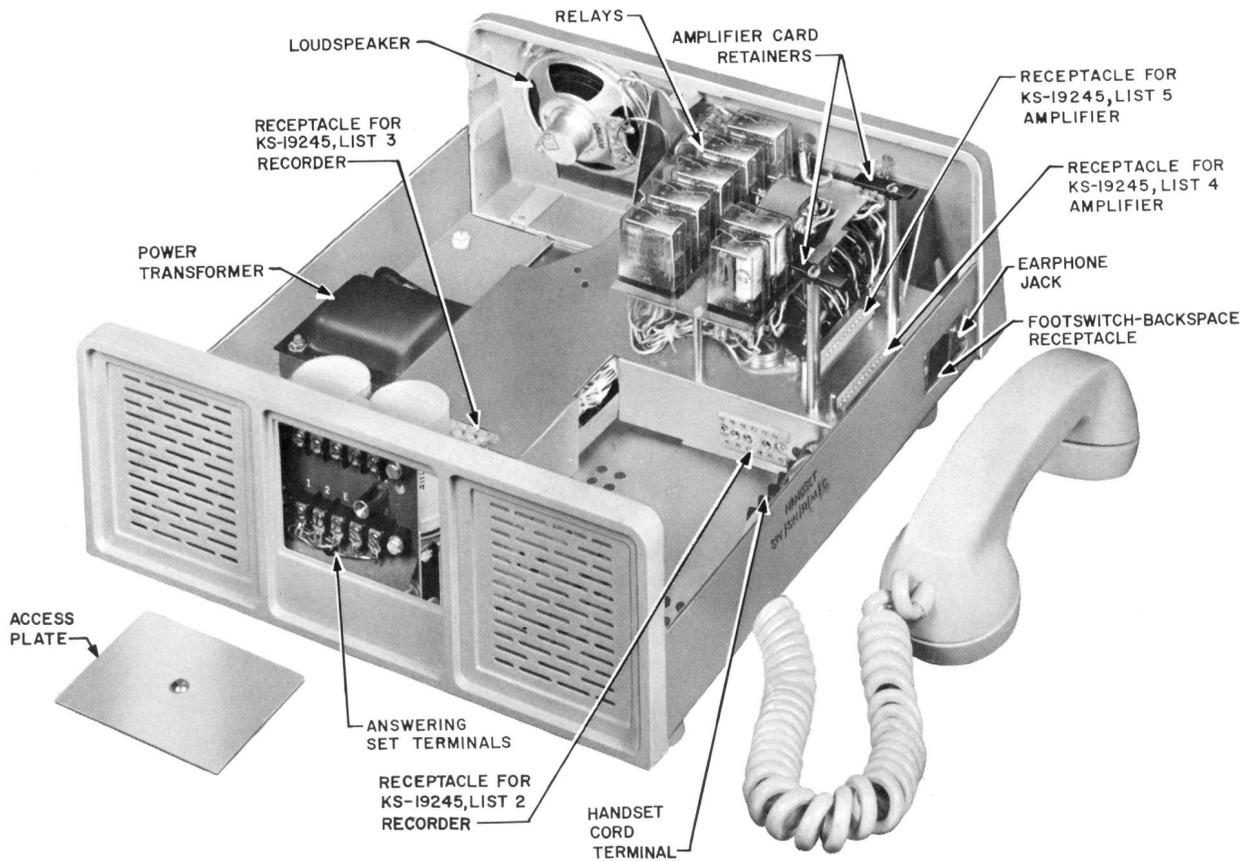


Fig. 3 - KS-19245, List 1 Telephone Answering Set - Cover and Components Removed

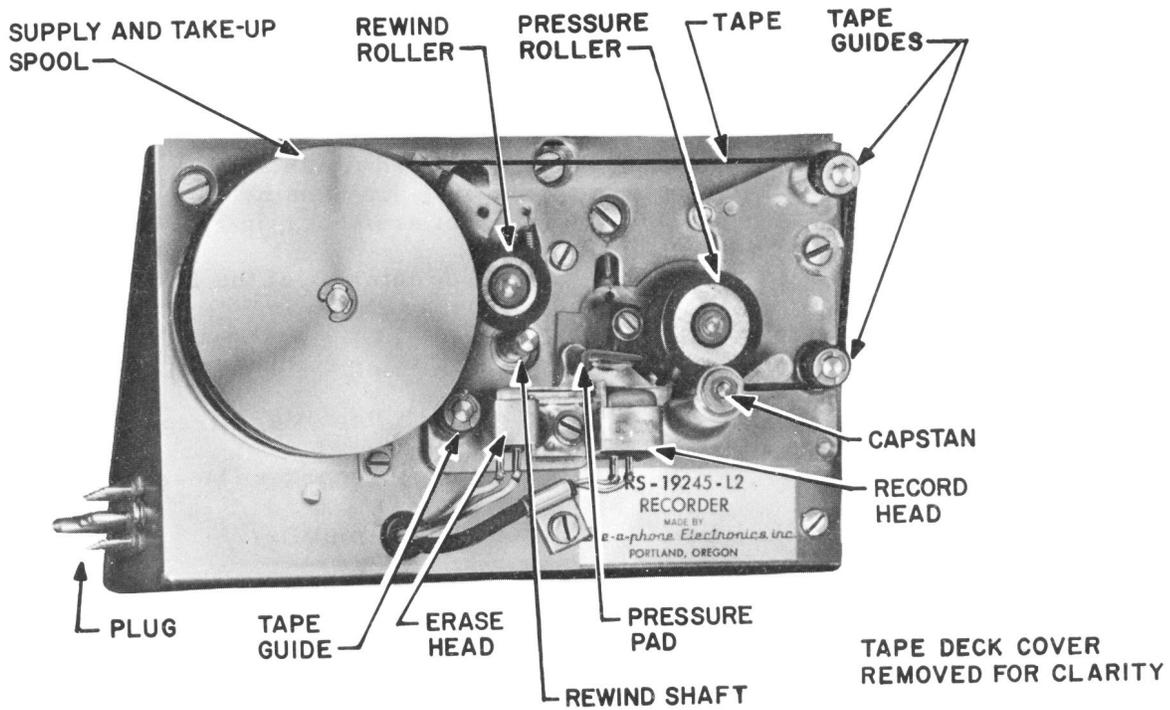


Fig. 4 - KS-19245, List 2 Recorder (Reel Side)

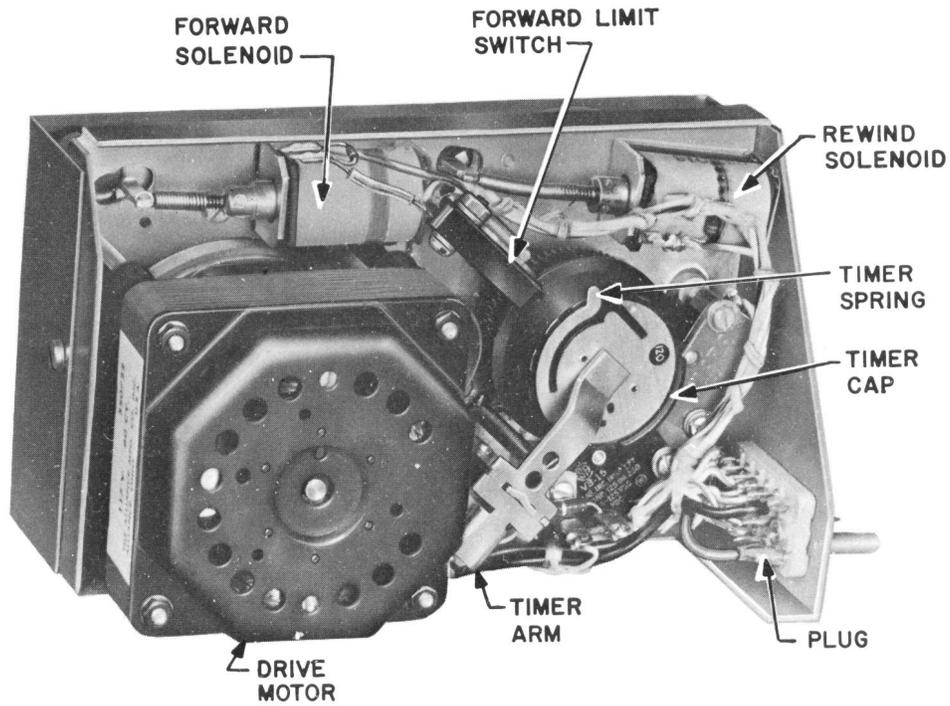


Fig. 5 - KS-19245, List 2 Recorder (Motor Side)

- List 10 or 11 Power Cord (optionally, as specified in ordering information).
- 1.09 Accessories for use with the KS-19245, List 1 telephone answering set are:
- List 8 Foot Switch
  - List 9 Earphone
  - List 12 Backspace Unit
- 1.10 A power source of 110/125 volt 60 cycle ac is required for this set. Outlet and power are to be provided by the customer.

2. IDENTIFICATION OF COMPONENTS AND ACCESSORIES - KS-19245, LIST 1 TELEPHONE ANSWERING SET

2.01 The KS-19245, List 2 recorder (Fig. 4 and 5) is the announcement recording mechanism. It provides a maximum recording capacity of 3 minutes and incor-

porates a variable cycle feature that limits the reproduce cycle to the duration of the recorded announcement only. This recorder is equipped with 1/4-inch wide plastic base magnetic recording tape installed on special reels. The tape and reels form an integral part of the recording mechanism and cannot be changed by the customer since replacement of either requires partial disassembly of the mechanism. Facilities are provided for limiting the maximum recording time to 15-second increments (from 15 seconds to 90 seconds) or 30-second increments (from 90 seconds to 180 seconds). This is done by adjusting the variable limit switch assembly. The adjustment should be made by the workman.

2.02 The KS-19245, List 3 recorder (Fig. 6 and 7) is the incoming message recording mechanism. It provides a maximum recording capacity of 2 hours on 1/4-inch wide plastic base magnetic recording tape. This tape is contained in the KS-19245, List 6 cartridge which may be

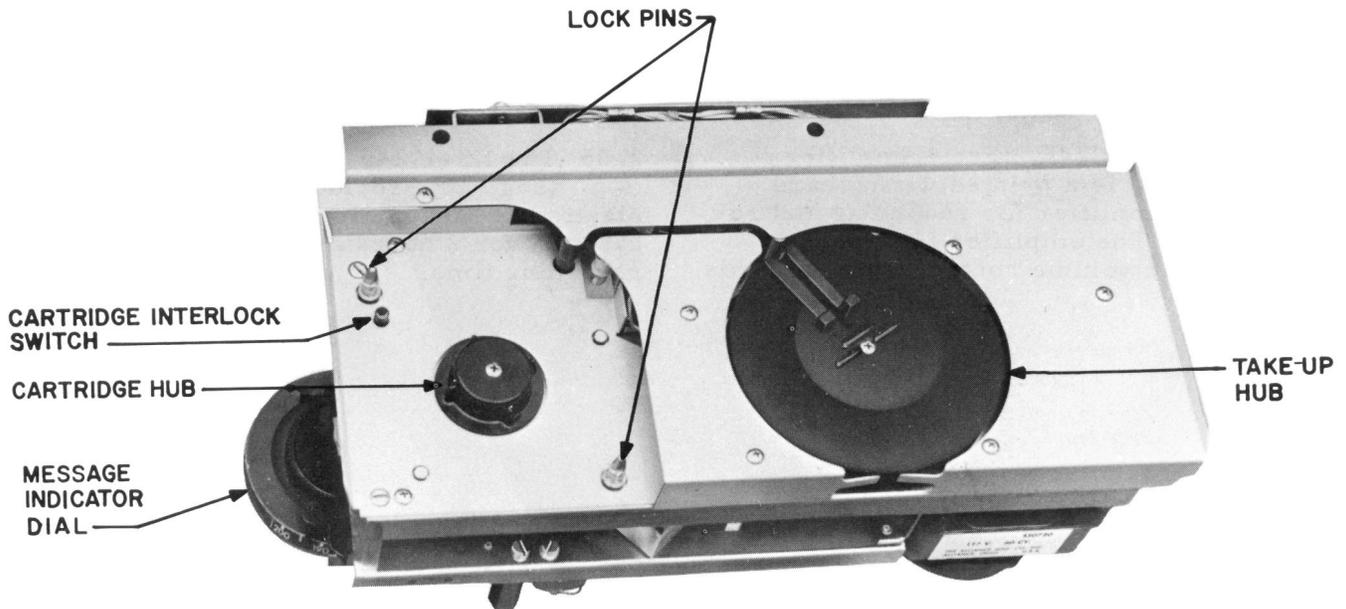


Fig. 6 - KS-19245, List 3 Recorder (Reel Side)

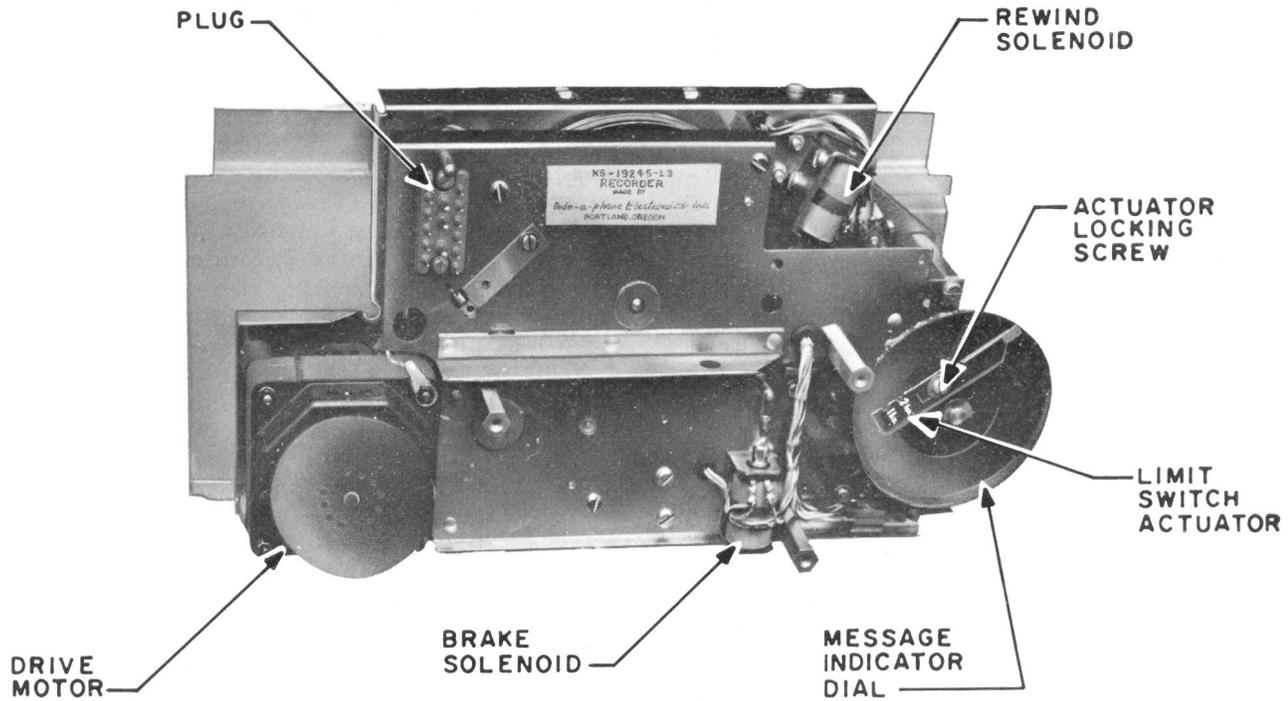


Fig. 7 - KS-19245, List 3 Recorder (Motor Side)

conveniently changed by the customer. Facilities are provided for limiting the message recording time to 1 hour or 2 hours. This is done by adjusting the limit switch actuator (Fig. 7). The adjustment should be made by the workman.

2.03 The KS-19245, List 4 amplifier (Fig. 8) is a printed wiring card transistor amplifier for recording and reproducing. The amplifier incorporates an automatic volume control feature. This

card also contains 1400-cycle oscillator and notch rejection filter.

2.04 The KS-19245, List 5 amplifier (Fig. 9) is a printed wiring card. It contains the voice-operated circuit and the calling party control circuit.

2.05 The KS-19245, List 6 cartridge (Fig. 10) provides 1/4-inch wide plastic base magnetic recording tape with capacity for 2 hours of incoming message recording time.

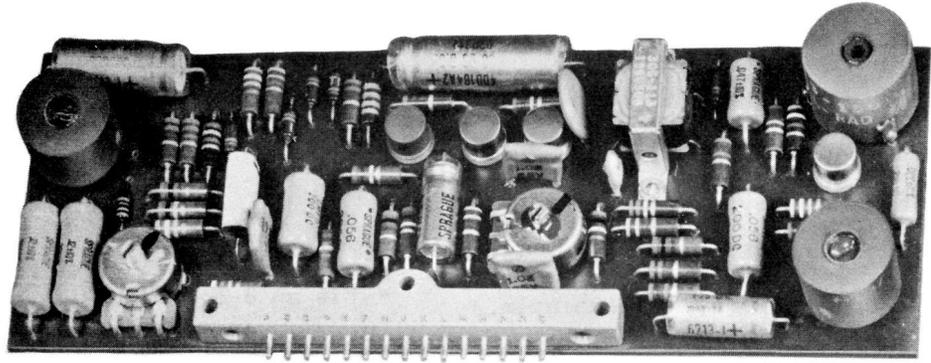


Fig. 8 - KS-19245, List 4 Amplifier

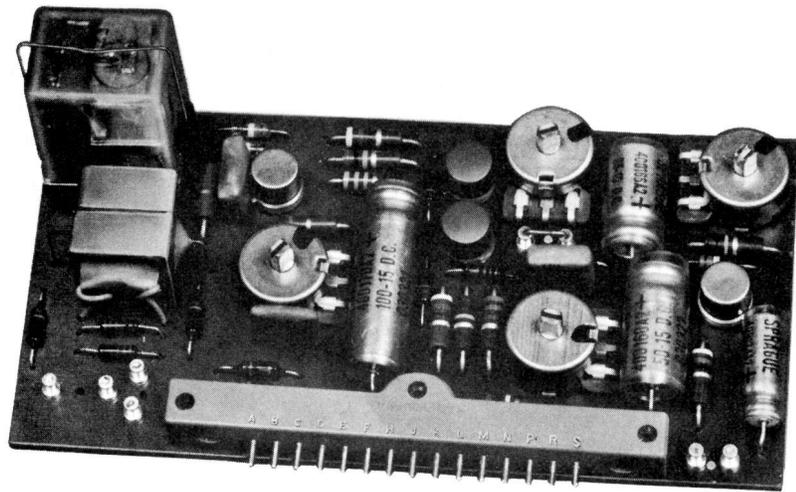


Fig. 9 - KS-19245, List 5 Amplifier

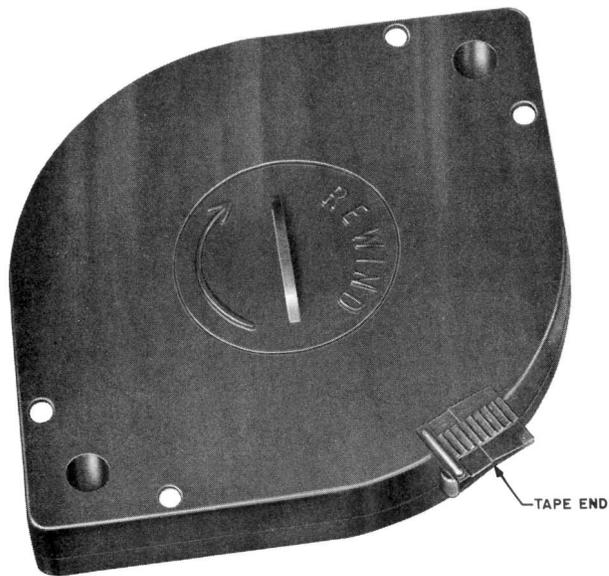


Fig. 10 - KS-19245, List 6 Cartridge

2.06 The KS-19245, List 8 foot switch (Fig. 11) provides for foot control operation during playback of the recorded incoming messages. The foot switch pedal has two positions, one for control of playback and the other for rewind.

2.07 The KS-19245, List 9 earphone provides for listening to playback of recorded incoming messages; for example, during transcribing. The plastic holder on the ear piece may be of either version as shown in Fig. 12.

2.08 The KS-19245, List 10 power cord is an 8-foot light olive gray colored cord. It is plug-connected to the answering set and provides for connection to a 2-wire, 110-volt ac outlet.

2.09 The KS-19245, List 11 power cord is an 8-foot light olive gray colored cord. It is plug-connected to the answering set and provides for connection to a 3-wire, parallel-blade, 110-volt ac outlet.



Fig. 11 • KS-19245, List 8 Foot Switch



Fig. 12 - KS-19245, List 9 Earphones

2.10 The KS-19245, List 12 backspace unit (Fig. 13), during the playback of recorded incoming messages, automatically backspaces the message tape a few words each time the playback button of the foot control pedal is released. The user can control the amount of backspace

(up to approximately 12 words) by adjusting the backspace control.

2.11 Automatic backspace may be disabled by turning the backspace control to its zero position.

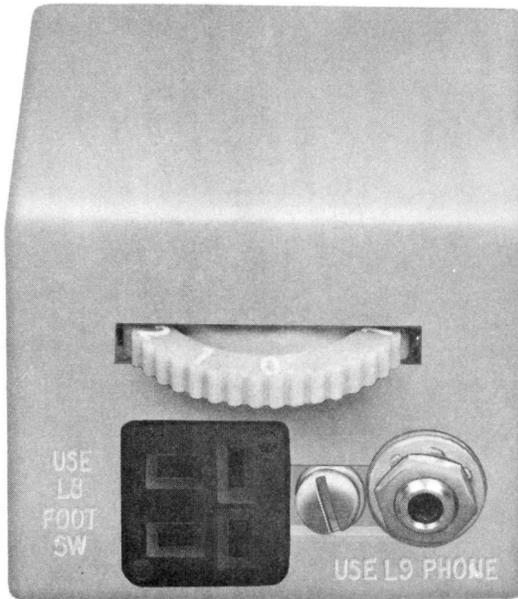


Fig. 13 - KS-19245, List 12 Backspace Unit