

W.E.CO. F56503 TELEPHONE SET  
DESCRIPTION AND INSTALLATION

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1. GENERAL	
1.01 This section gives the description and installation of the W.E.Co. F56503 Telephone Set. This telephone set is intended for installation in hotel and motel chains for the guests' convenience in obtaining advanced reservations.	

2. DESCRIPTION

2.01 The F56503 telephone set is a two-piece molded fiber glass unit approximately 17 inches high, 20 inches wide, and 13 inches deep. It is equipped with a lighted area to display customer advertisement (see Figure 1). The advertisement will be provided by the customer and will be installed by the craftsman during the installation of the F56503 telephone set. The advertisement area is a lighted area utilizing two 15-watt fluorescent lamps (see Figure 2). The lamps are of a standard type and can be ordered from a local supply outlet. The light circuit is wired directly to the ac power circuit and no provision has been made to turn it "on" or "off." Consequently, the advertisement area is illuminated at all times.

3. PREINSTALLATION

3.01 Remove the housing of the F56503 telephone set by loosening the four housing

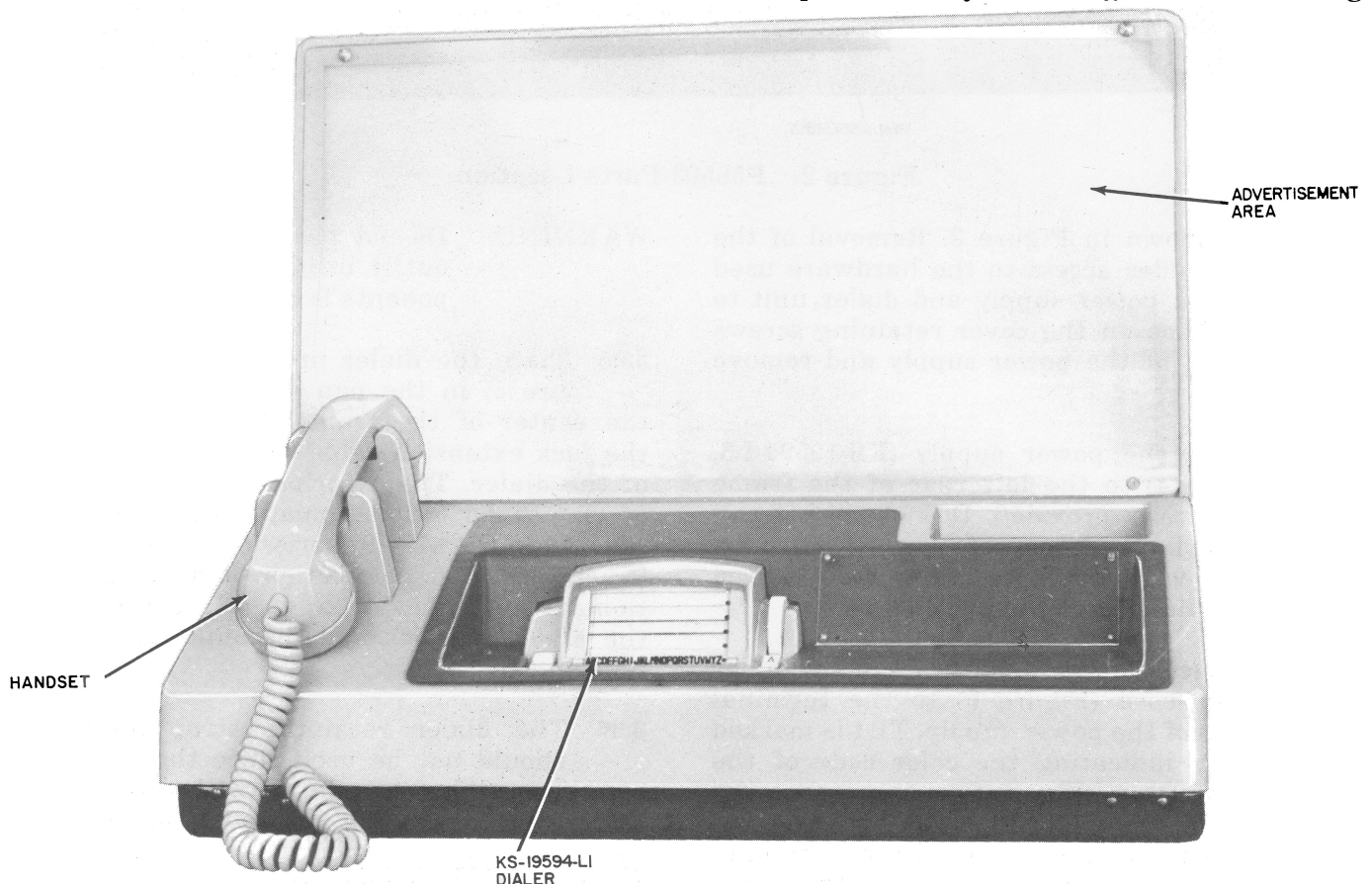


Figure 1. F56503 Telephone Set.

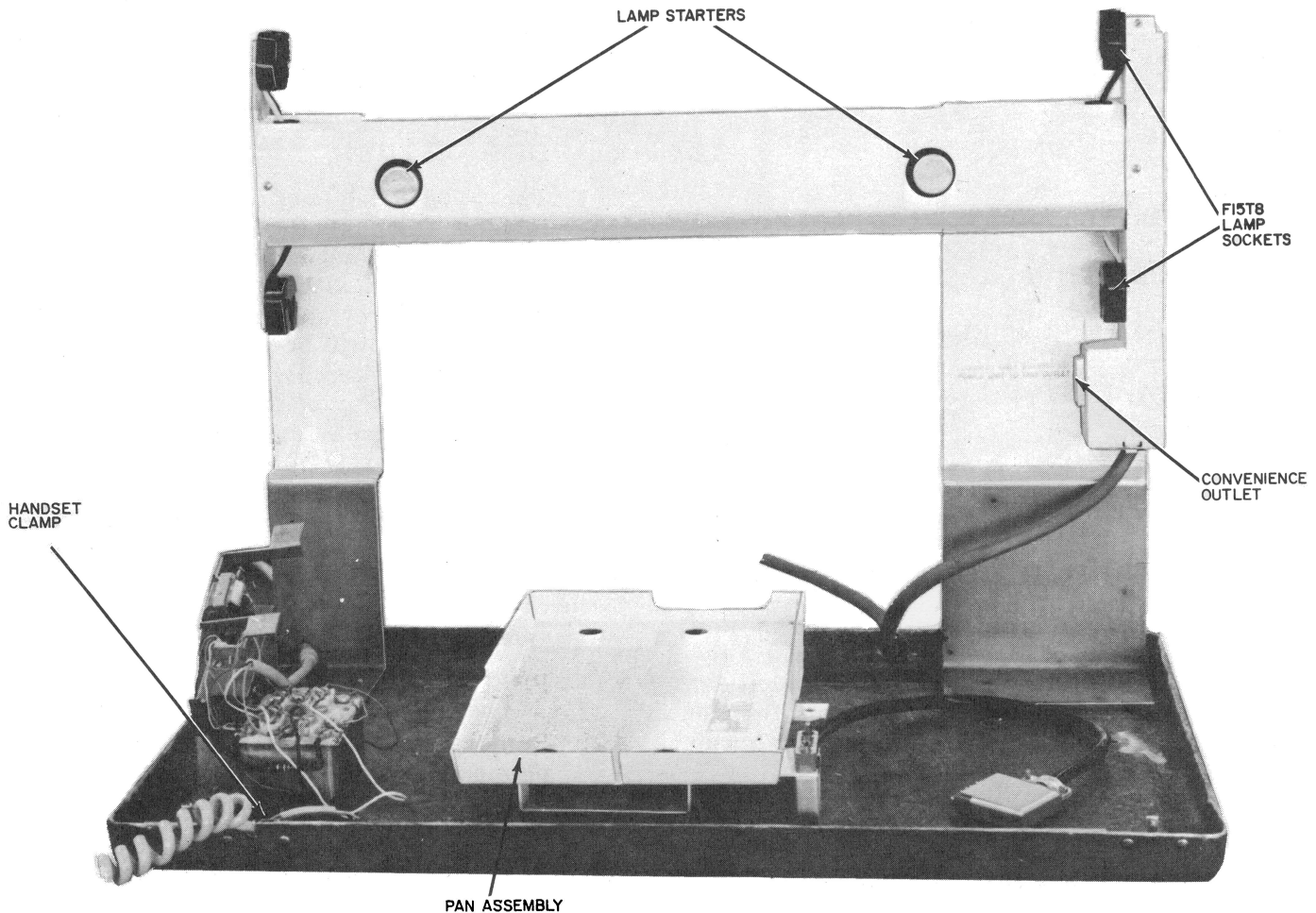


Figure 2. F56503 Parts Location.

screws as shown in Figure 3. Removal of the housing provides access to the hardware used to secure the power supply and dialer unit to the frame. Loosen the cover retaining screws on the front of the power supply and remove the cover.

3.02 Secure the power supply (KS-19594-L3, Figure 4) to the left rear of the frame using the screws provided. Do not cut off any excess telephone or power cord (Figure 5). The excess cord should be folded and secured behind the dialer unit (Figure 4).

3.03 Connect the four conductors of the dialer power cord (Figure 5) to the terminal board (TB1) of the power supply. TB1 is marked with letters indicating the color code of the mating conductors (Figure 6).

3.04 Upon completion of connecting the dialer to the power supply, replace the power supply cover.

**WARNING:** Do not plug power cord into ac outlet until installation of components is completed.

3.05 Place the dialer unit (KS-19594-L1, Figure 5) in the pan assembly mounted in the center of the frame (Figure 2). Connect the jack extension cable connector to the rear of the dialer. The description and installation of the Dialer E2 Automatic **MAGICALL®** is covered in the 478-202 series of General System Practices. After completion of dialer installation, dress the cable to facilitate removal of the dialer unit without disconnecting the extension cable.

3.06 The dialer retaining strap (Figure 4) should not be used since the customers are responsible for updating and programming their own tapes. The customer should be instructed on how to remove the front cover so  
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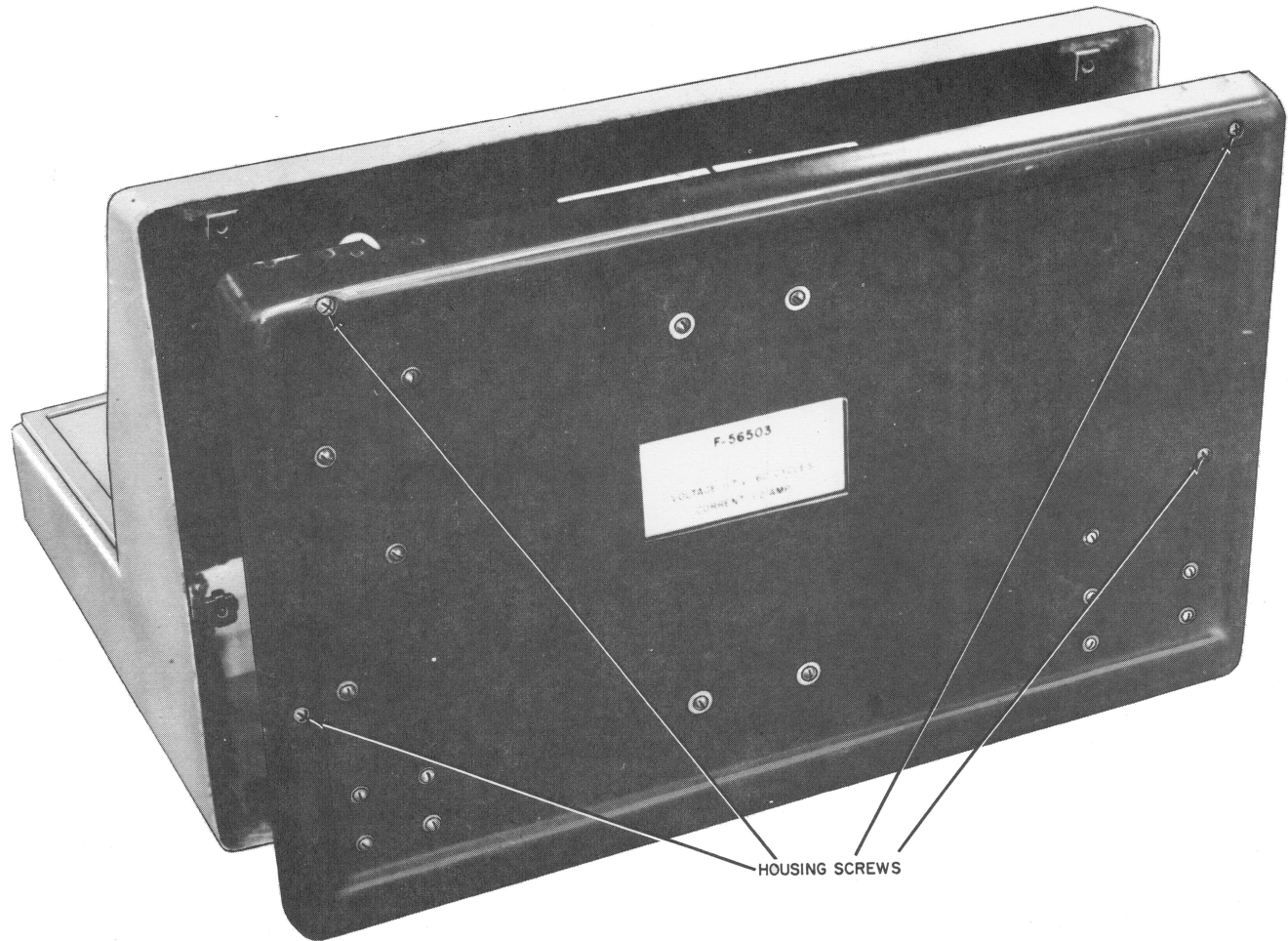


Figure 3. Housing Removal.

that the dialer and dial-in unit may be removed for updating or programming tapes.

3.07 Place the dial-in (KS-19594-L2, Figures 4 and 5) unit in its storage position in the right front corner of the frame (Figure 4).

3.08 Secure the handset cord clamp (Figure 2) to the left front of the frame and then install two 15-watt fluorescent lamps in the lamp sockets of the frame (Figure 2). Upon completion, connect the power supply input connector to the convenience outlet on the frame (Figure 2), and secure the power cord under the cable stay on the rear of the frame.

#### 4. INSTALLATION

4.01 Locate the F56503 telephone set within 6 feet of a 115-volt, 60-Hz, ac power outlet not under control of a switch. In placing the set, magnetic fields surrounding items such

as electric typewriters, desk calculators, cash registers, etc., must be avoided.

4.02 Route the power and telephone cords to the set so as not to produce a hazardous condition.

4.03 Exercise caution when unpacking the fiber glass housing and dialer unit to prevent breaking or marring of the outer surfaces.

4.04 Connect the F56503 telephone set as shown in Figure 7. If local conditions require the use of a ringer, remove the strap between network terminals L1 and K and the 4000-ohm resistor between terminals A and L2. Then install the ringer in the normal manner.

4.05 After all connections have been completed, connect the power cord to a 115-volt, 60-Hz, ac power outlet which is not under control of a switch.



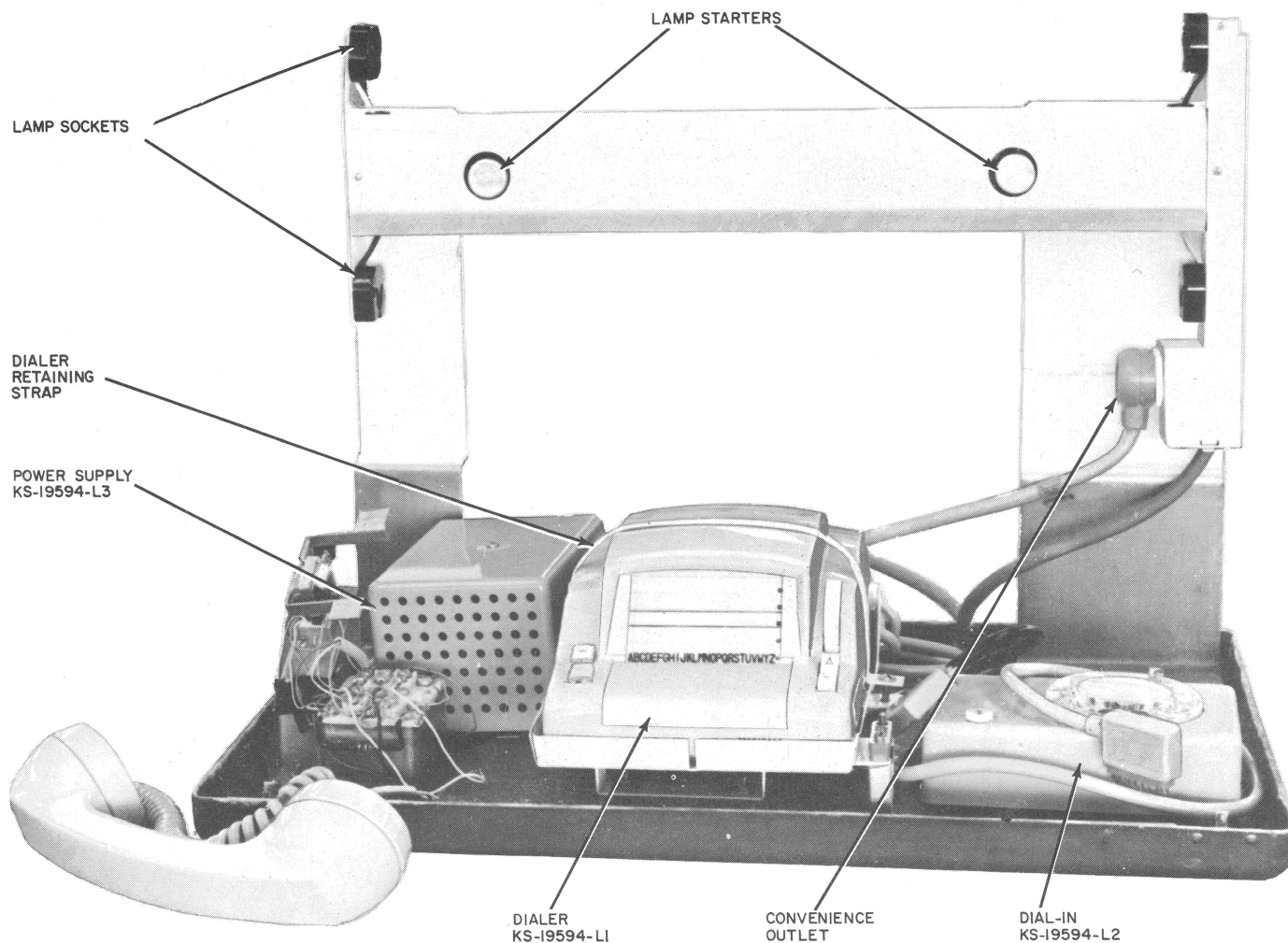


Figure 4. F56503 Layout Assembly.

## 5. OPERATION

5.01 The following method is used to place a call from the F56503 telephone set. The desired name and number can be located by depressing the tape drive key which causes the tape to move in the direction indicated by the arrow on the tape drive key. Hold the key depressed until the name and number are near the guide lines. The tape stops when pressure is removed from the tape drive key. Further position the name and number between the two guide lines on the window by use of the selector wheel. The selector wheel may be used to select the desired name and number if the name and number are known to be near the guide lines. Lift the handset and wait for dial tone; then depress the call button on the dialer unit, and the number is dialed automatically.

## 6. MAINTENANCE

6.01 Maintenance of the F56503 telephone set is limited to replacement of the fluorescent lamps, lamp starters, dialer components, tape cartridges, and telephone components. Field maintenance should not be performed on the dialer, dial-in unit, or power supply.

NOTE: Make sure ac power is removed before working on the F56503 telephone set.

6.02 If a dialer unit is defective, remove the preprinted tape cartridge as outlined in the 478-202 series of General System Practices and install the tape in the replacement unit.



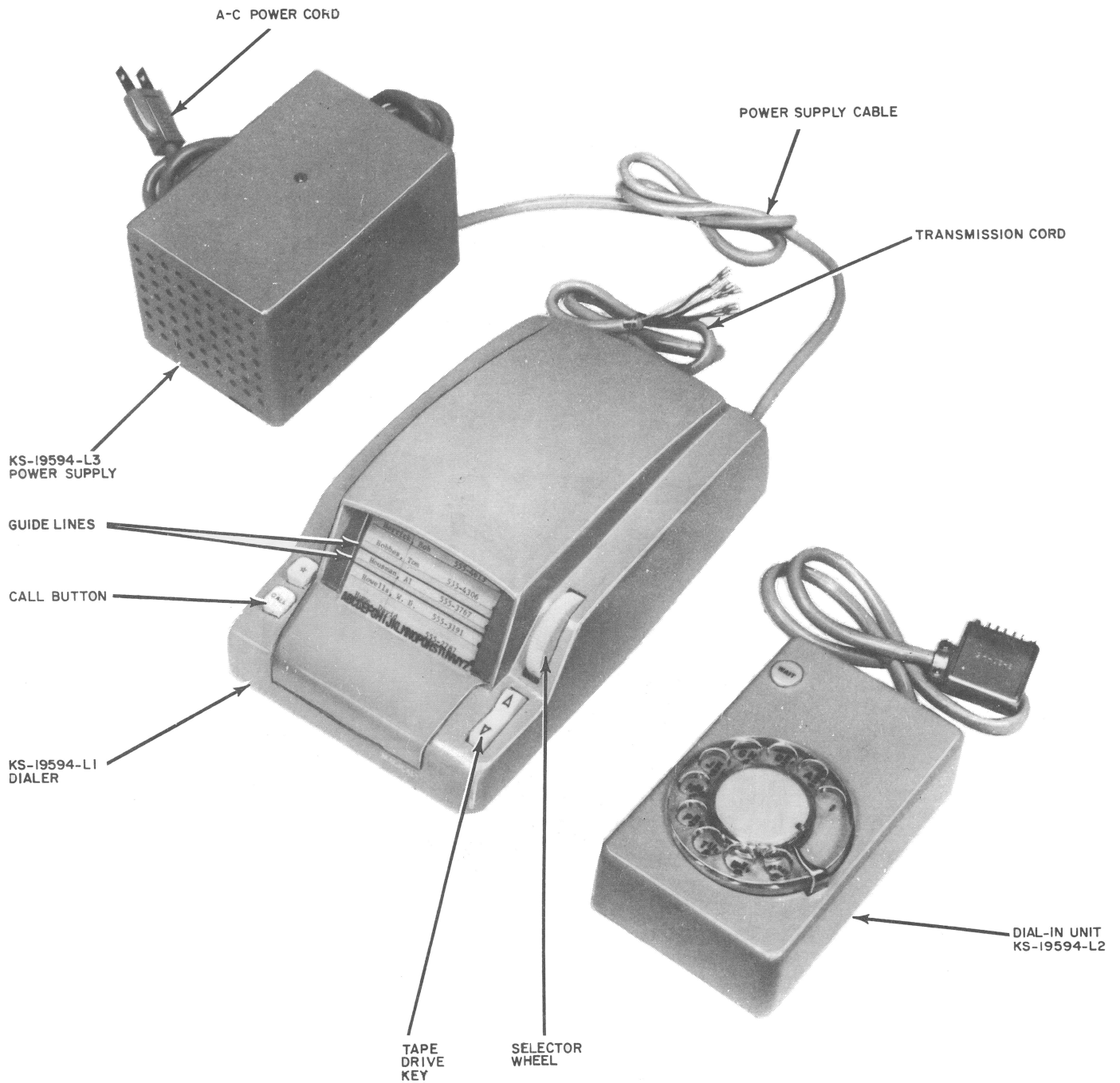


Figure 5. Control Assemblies.

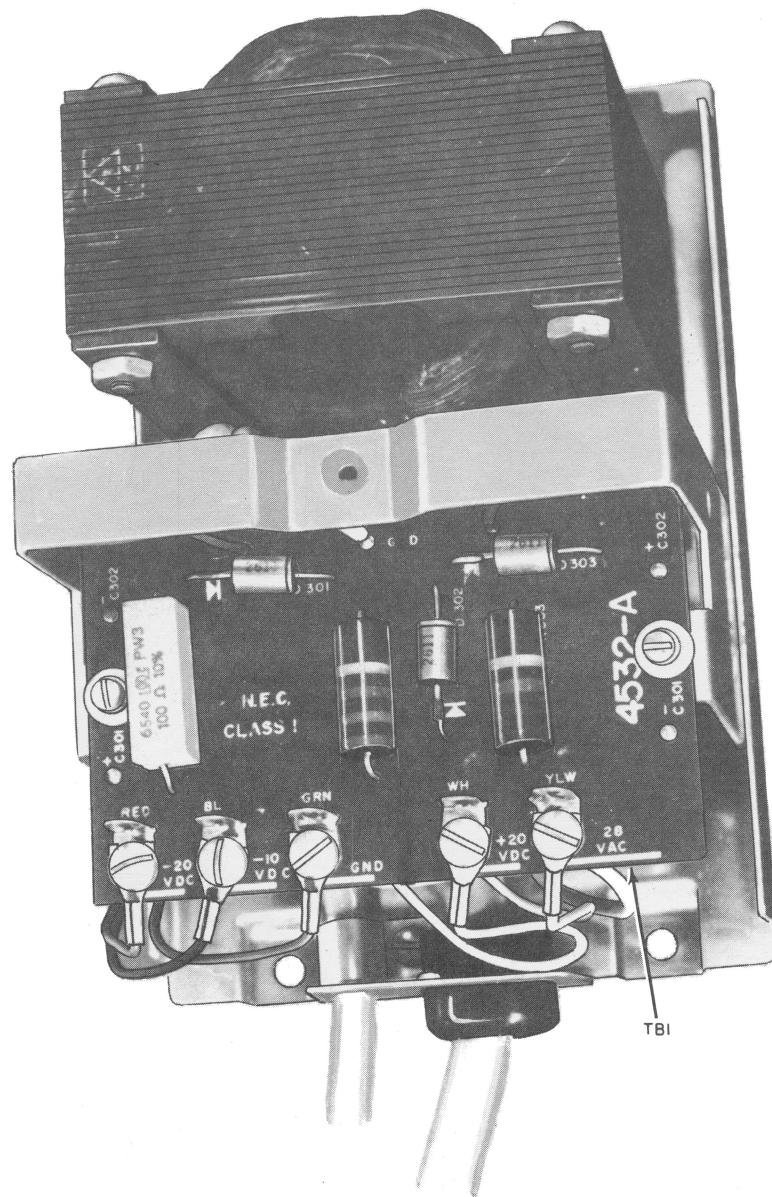
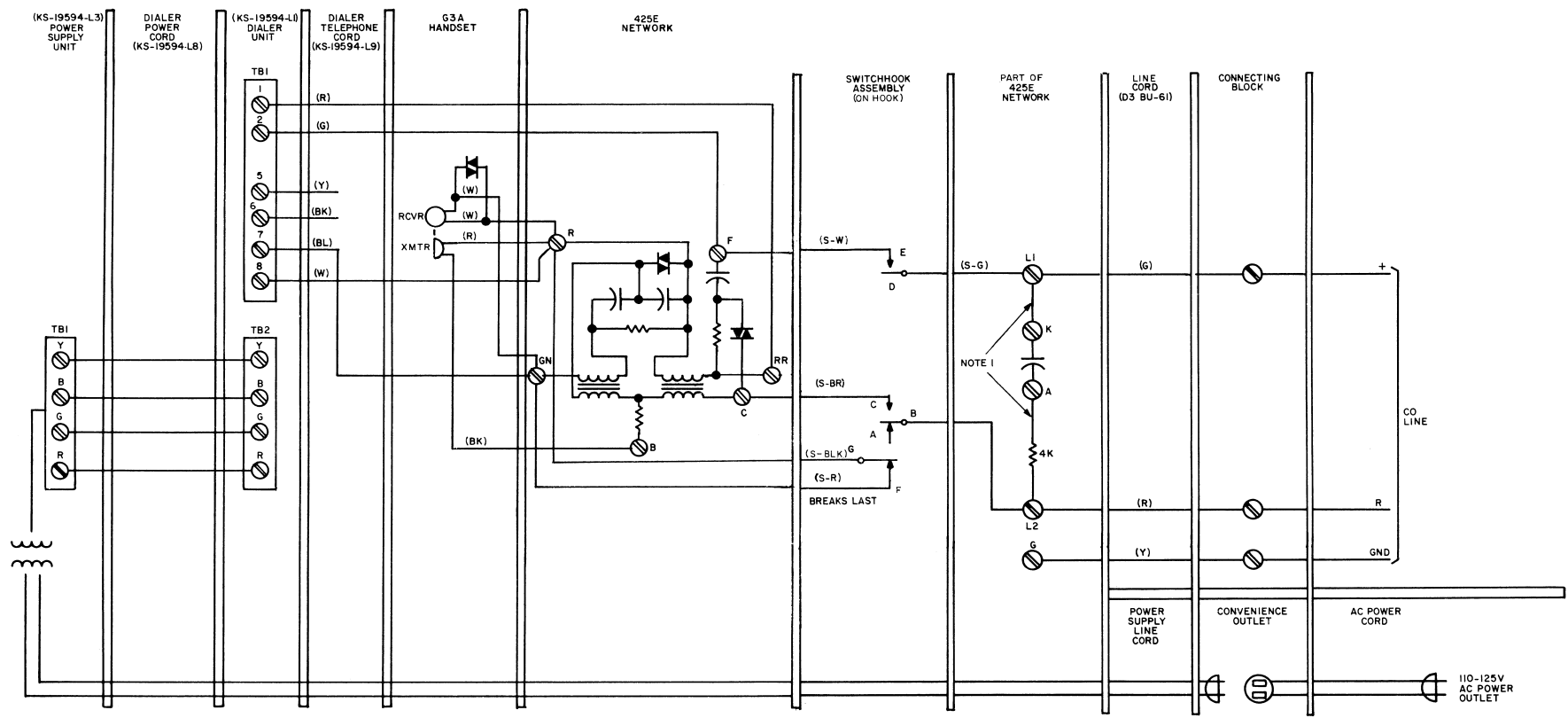


Figure 6. Power Supply.



NOTE:  
1. TO CONNECT RINGER, REMOVE STRAP BETWEEN L1 AND K TERMINALS OF NETWORK AND 4000 OHM RESISTOR BETWEEN A AND L2 TERMINALS. CONNECT RINGER IN NORMAL MANNER.

Figure 7. F56503 Telephone Set Wiring Diagram.