

F-56105 TELEPHONE SET USING KS-16844 RAPIDIAL

IDENTIFICATION, OPERATION, INSTALLATION, AND CONNECTIONS

1. GENERAL

1.01 Limited information is given in this section about RAPIDIAL. For detailed information on RAPIDIAL, refer to Section 512-115-100.

1.02 This section is reissued to:

- Revise part number of fluorescent lamps
- Add information on lamp starters

1.03 At the present time this telephone set will be installed only in various nationally known motor hotel chains. It is to be used by customers of the chain to make reservations at other locations within the chain. This set is to be used for outgoing calls only.

2. IDENTIFICATION

2.01 The F-56105 telephone set is a two-piece molded Fiberglas unit. It is approximately 17 inches high, 20 inches wide, and 13 inches deep. The F-specification is suffixed with a letter to indicate the specific customer color arrangement and either a dial or manual configuration.

2.02 A light fixture on the base illuminates a billboard area which can be used by the subscriber for advertising. The housing has two recessed areas which can be used for note pads and directories. The light fixture is illuminated by two 15-T8-CW fluorescent lamps.

2.03 There are two basic versions of the F-56105 telephone set, one equipped with RAPIDIAL (Fig. 1) for use with dial exchanges and one without RAPIDIAL for use with manual exchanges.

2.04 Fig. 2 is an interior view of the F-56105 telephone set with RAPIDIAL. Fig. 3 is an interior view of this set (RAPIDIAL and transformer removed).

2.05 Fig. 4 is a bottom view of the base and housing.

2.06 Refer to Sections 512-120-102 and 512-120-103 for the list of equipment necessary for installation in a particular motor hotel chain.

3. OPERATION

3.01 Rotate scan wheel to desired location or telephone number. Remove handset and depress PRESS TO START bar when using RAPIDIAL. The call will be automatically completed.

3.02 In a manual exchange the F-56105 telephone set is used as any other manual set.

3.03 An ac power supply (115 volt 60 cycle) not under control of a switch is necessary for the fluorescent lamps and also for the RAPIDIAL and transformer if they are used. The power receptacle must be able to accept a plug which has two parallel blades and a U-shaped grounding pin.

4. INSTALLATION AND CONNECTION

4.01 Read the instructions in Part 4 before installing this unit.

4.02 Locate telephone set in an area where the power and telephone cords will not present a hazardous condition.

4.03 Avoid placing set in a magnetic field (within 2 feet of electric typewriters, calculators, etc).

4.04 Install set in a dial exchange as follows:

- (1) Remove housing of F-56105 telephone set by loosening four housing screws (Fig. 4) and remove packing detail.
- (2) Terminate List 4 telephone cord and List 3 power supply cord on RAPIDIAL as shown in Fig. 5.



Fig. 1 — Front View of Set with RAPIDIAL

(3) Assemble RAPIDIAL housing. Position front portion of housing first, then lower rear of housing into place.

(4) Tighten the four captive screws on bottom of RAPIDIAL to secure housing.

(5) Insert scan wheel into position. Be sure shaft on wheel properly engages tape assembly shaft.

(6) Tighten scan wheel locking screw through hole in base of RAPIDIAL.

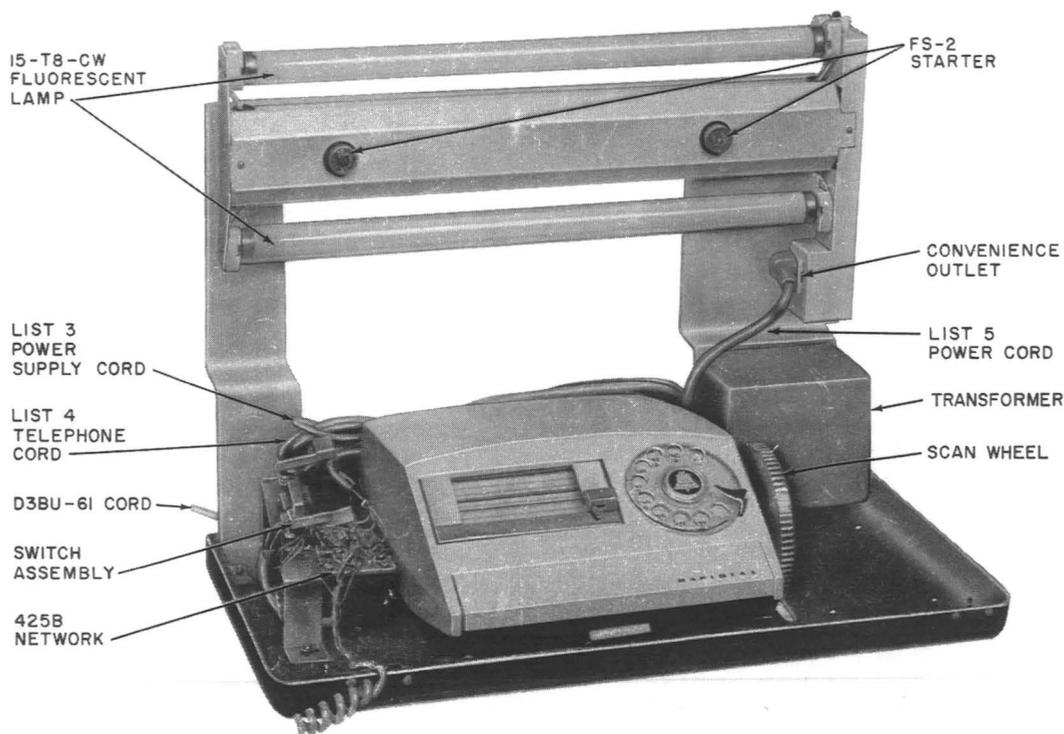


Fig. 2 — Interior View of Set with RAPIDIAL and Transformer

- (7) Terminate power supply cord on transformer (Fig. 5).
 - (8) Secure transformer to right-hand side of bracket with the three screws provided.
 - (9) Place cover on transformer and tighten cover screws.
 - (10) Insert List 5 power cord plug into the convenience outlet on light fixture.
 - (11) Terminate List 4 telephone cord on network as shown in Fig. 5.
 - (12) Place RAPIDIAL on adjustment bars. If RAPIDIAL has round feet, use adapters provided. See Fig. 3.
- Note:** These bars may have to be adjusted to allow free travel of scan wheel between the sides of the slot on the faceplate. Also, at this time, plug in power cord to ac supply. Check START bar adjustment on RAPIDIAL. Refer to section on RAPIDIAL for proper adjustment method. Remove power cord plug before continuing with the installation.
- (13) Do not cut off any of the excess telephone or power supply cord. Store behind RAPIDIAL as shown in Fig. 2.
 - (14) Insert both of the fluorescent lamps.
 - (15) Install billboard assembly (using customer's ad) with four decorative threaded studs. Do not secure more than finger tight.
 - (16) Remove faceplate from housing.
 - (17) Place housing over base and secure with housing screws shown in Fig. 4.
 - (18) Place handset in cradle.
 - (19) Terminate mounting cord and insert power cord in a 115-volt ac receptacle that is not under control of a switch.

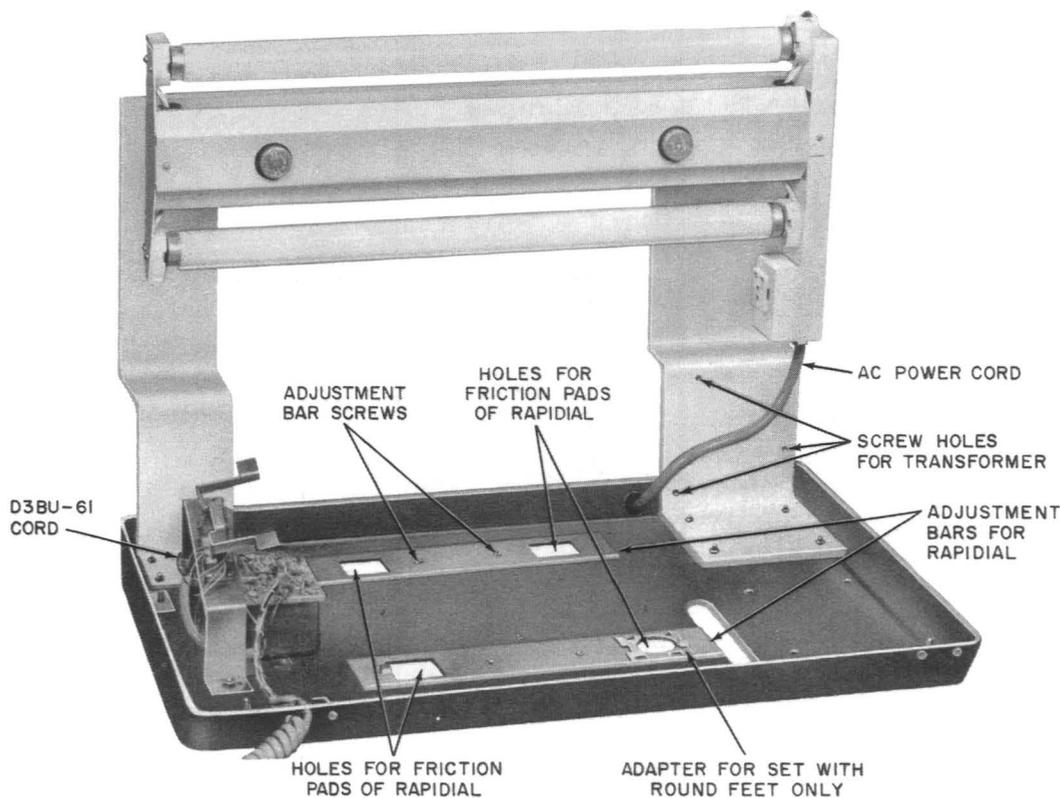


Fig. 3 — Interior View With RAPIDIAL and Transformer Removed

- (20) Test and instruct subscriber as in any RAPIDIAL installation.
- (21) Place number card bracket on front edge of faceplate opening so that it lines up with slot in faceplate. See Fig. 4.
- (22) Replace faceplate after telephone numbers have been recorded on RAPIDIAL.

Caution: Do not tighten screws too tightly.

4.05 Install set in manual exchange as follows:

- (1) Remove housing of F-56105 telephone set and remove packing detail.
- (2) Place and secure a weight on base and backboard in accordance with local instructions.

- (3) Insert both fluorescent lamps.
- (4) Make wiring changes on network as required. See Fig. 5.
- (5) Install billboard assembly (using customer's ad) with four decorative threaded studs. Do not secure more than finger tight.
- (6) Replace housing and tighten screws.
- (7) Terminate telephone and power cord as shown in Fig. 5.
- (8) Test and instruct subscriber on how to use set.

Note: Retain locally the extra equipment sent in the F-56105 telephone set for possible future use.

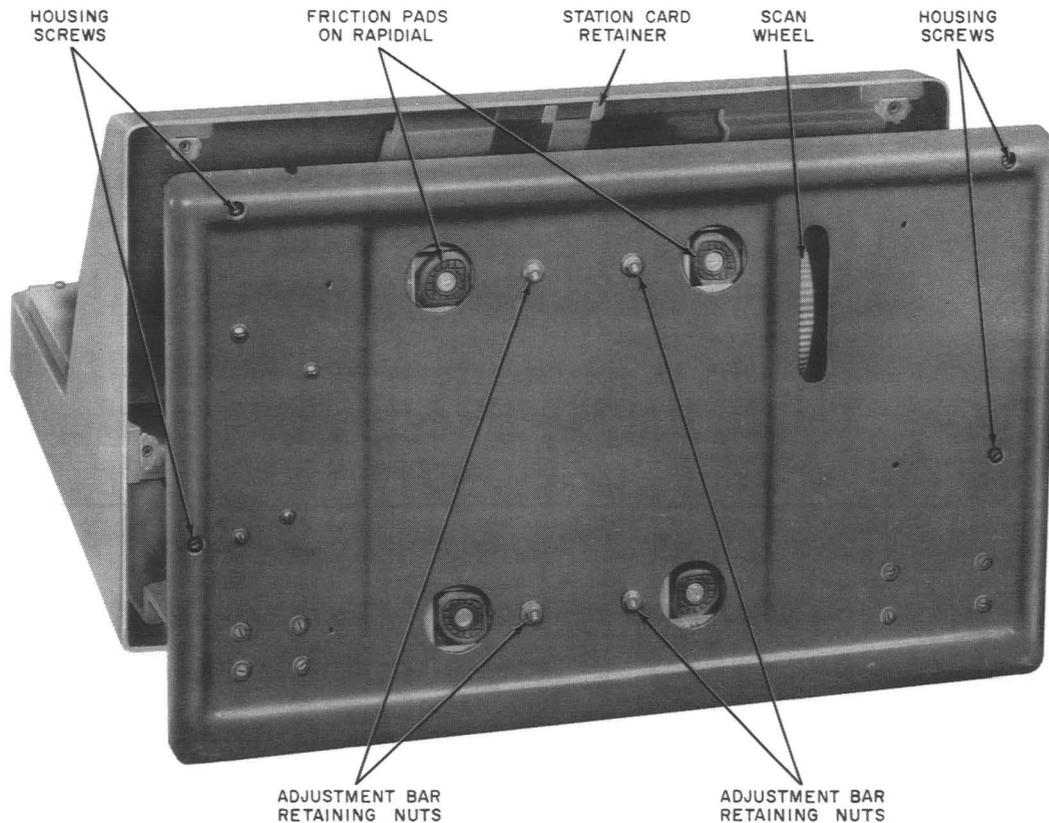


Fig. 4 — Bottom View of Set and Housing

4.06 This set is not to be used to receive incoming calls. Therefore, a strap between L1 and K and a 4000-ohm resistor placed between L2 and A are provided. This arrangement is necessary to meet testing and central office requirements. If a ringer must be installed to meet local conditions remove strap and resistor.

5. MAINTENANCE

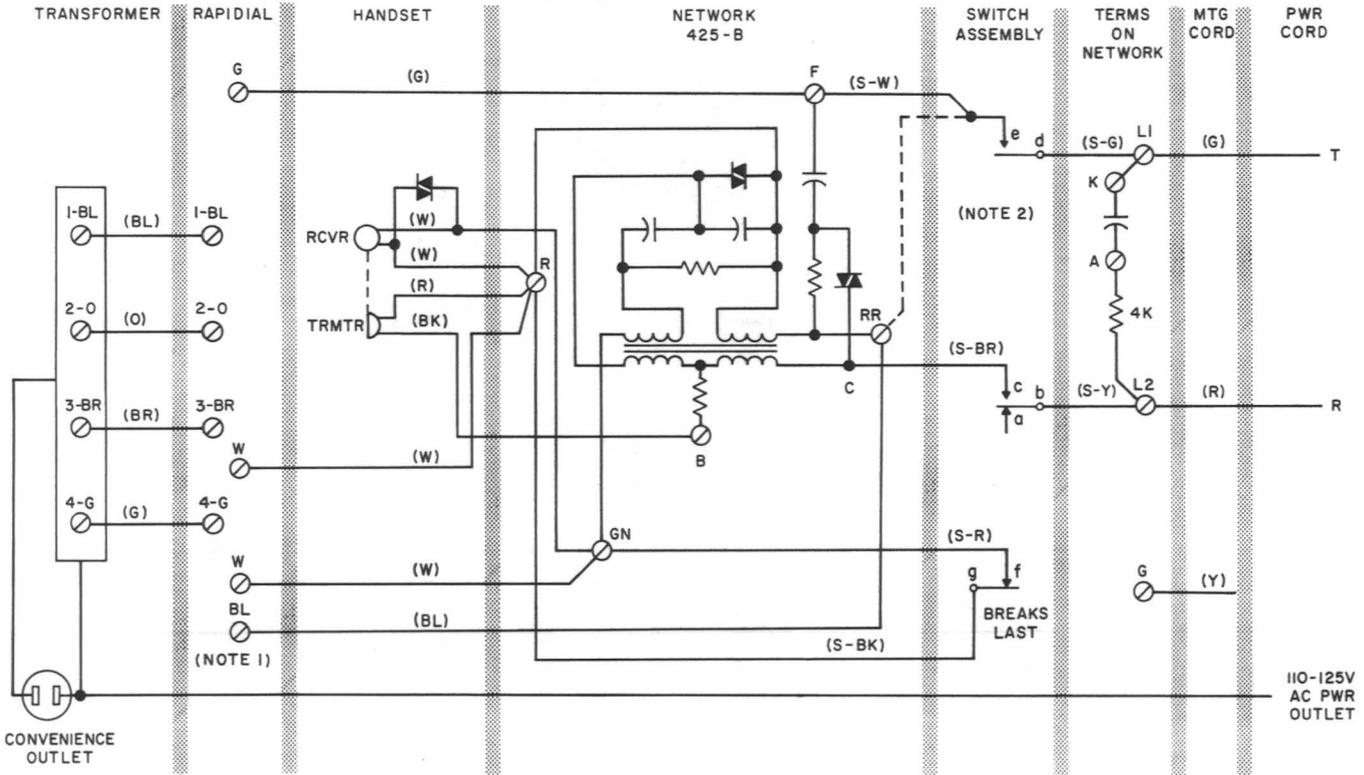
5.01 Disconnect power before working on the set.

5.02 No routine maintenance is required.

5.03 Maintenance of the RAPIDIAL is limited. Refer to the section on the RAPIDIAL for detailed information.

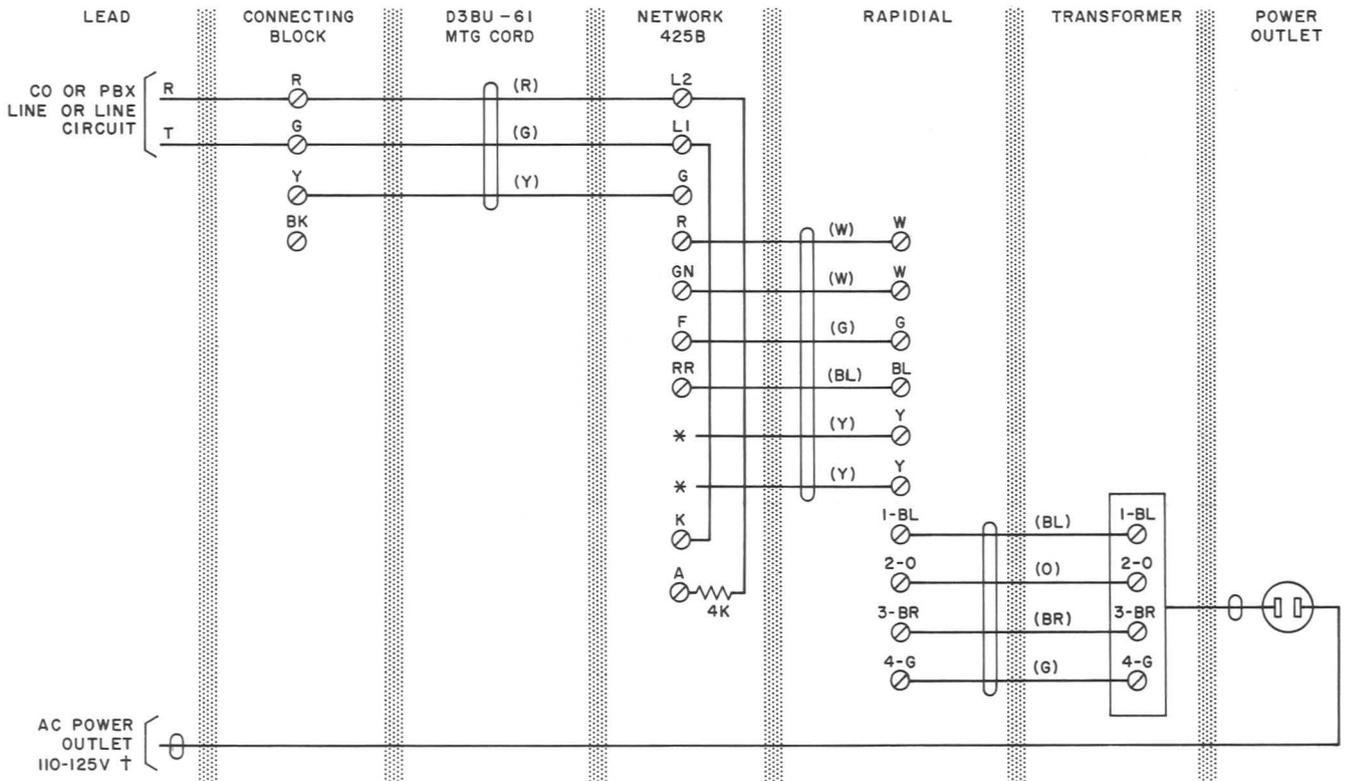
5.04 Fig. 6 covers the F-56105 telephone circuit.

5.05 The 15-T8-CW fluorescent lamps and FS-2 ← starters are accessible by removing billboard. Remove decorative threaded studs from billboard cover plate. When replacing these studs, be sure they are only finger tight.



- NOTES:
1. SD CAN BE FOUND IN THE BSP SECTION ON RAPIDIAL.
 2. FOR MANUAL SERVICE MOVE (S-W) SWITCHHOOK LEAD FROM F TO RR. RAPIDIAL AND TRANSFORMER NOT NEEDED.

Fig. 5 — Connections



NOTE:
 FOR MANUAL SERVICE MOVE (S-W) SWITCHHOOK LEAD FROM F TO RR. RAPIDIAL AND TRANSFORMER NOT NEEDED.
 * INSULATE AND STORE.
 † OUTLET MUST NOT BE UNDER CONTROL OF A SWITCH.

Fig. 6 — Circuit