

SPEAKERPHONE SYSTEM — 3-TYPE

1635-TYPE TELEPHONE SETS

CONNECTIONS AND MAINTENANCE

1. GENERAL

- 1.01** This section contains information formerly found in Section 512-620-403.
- 1.02** Connections for the 1635-type telephone set are located in Section 502-634-401.

2. CONNECTION INDEX

Table A — Telephone Set Mounting Cord Conductor Colors

Table B — 667-Type Transmitter Leads

Fig. 1 — 1635D Telephone Set Connected to 3-Type Speakerphone System



For proper operation of the 3-type speakerphone system, ground must be present on the A1 lead. Connect ground to appropriate punching on telephone set or at 55-type control unit.

3. MAINTENANCE

3.01 The 1635D-16, -17, or -18 telephone set contains a 667-type transmitter in the fifth module position for use with 3-type speakerphone. A differently coded 1635D telephone set may be converted for use with speakerphone by installing a 667-type transmitter.

3.02 The 1635D-16, -17, or -18 telephone set or the 667-type transmitter may be modified with the D-180196 Kit of Parts to provide elimination of acoustical feedback.

3.03 To convert a 1635D telephone set, a 667-type transmitter must be installed in the right-hand (fifth) module position as follows:

- (a) Remove telephone set faceplate and housing.
- (b) Remove unit in right-hand module position and plug in 667-type transmitter.

Connect spade-tipped leads as shown in Fig. 1 and Table B.

- (c) Replace faceplate assembly with one designed for 667-type transmitter and other modular units in the set.
- (d) Replace set housing and install new mat and faceplate.
- (e) Make system connections as shown in Fig. 1.

3.04 To replace defective 667-type transmitter, follow procedures in 3.03 using same faceplate assembly. Maintenance of speakerphone components is located in Section 512-620-200. Telephone set maintenance is in Section 502-630-200.

TABLE A
TELEPHONE SET MOUNTING CORD
CONDUCTOR COLORS

| LEAD DESIG | D80B MOUNTING CORD | | | |
|------------|--------------------|--------------|------|--------------|
| | LEAD COLOR | PIN TERMINAL | | |
| | | PLUG END | TB V | FIFTH MODULE |
| R1 | S-Y | 20 | | 13 |
| T1 | Y-S | 45 | 1 | 38 |
| IR | O-V | 22 | | 15 |
| IT | V-O | 47 | 3 | 40 |
| AG | V-G | 48 | 4 | 41 |
| S | G-V | 23 | | 16 |
| M2 | V-BR | 49 | 5 | 42 |
| P1 | BL-V | 21 | | 14 |
| M1 | BR-V | 24 | | 17 |
| F1 | S-V | 25 | 6 | 18 |

TABLE B
667-TYPE TRANSMITTER LEADS

| LEAD DESIG | TRANSMITTER | | CONNECT TO TEL SET TERMINAL STRIP PUNCHING |
|------------|-------------|------|--|
| | 667A (MD) | 667B | |
| R1 | O-R | BL-Y | 2 |
| T1 | O-G | Y-BL | 10 |
| IR | O-O | Y-G | 11 |
| IT | O-BL | G-Y | 12 |
| LK | O-BK | Y-O | 9 |
| AG | O | O-Y | 5 |
| A1 | Y | O-V | 1 |

SECTION 512-621-435

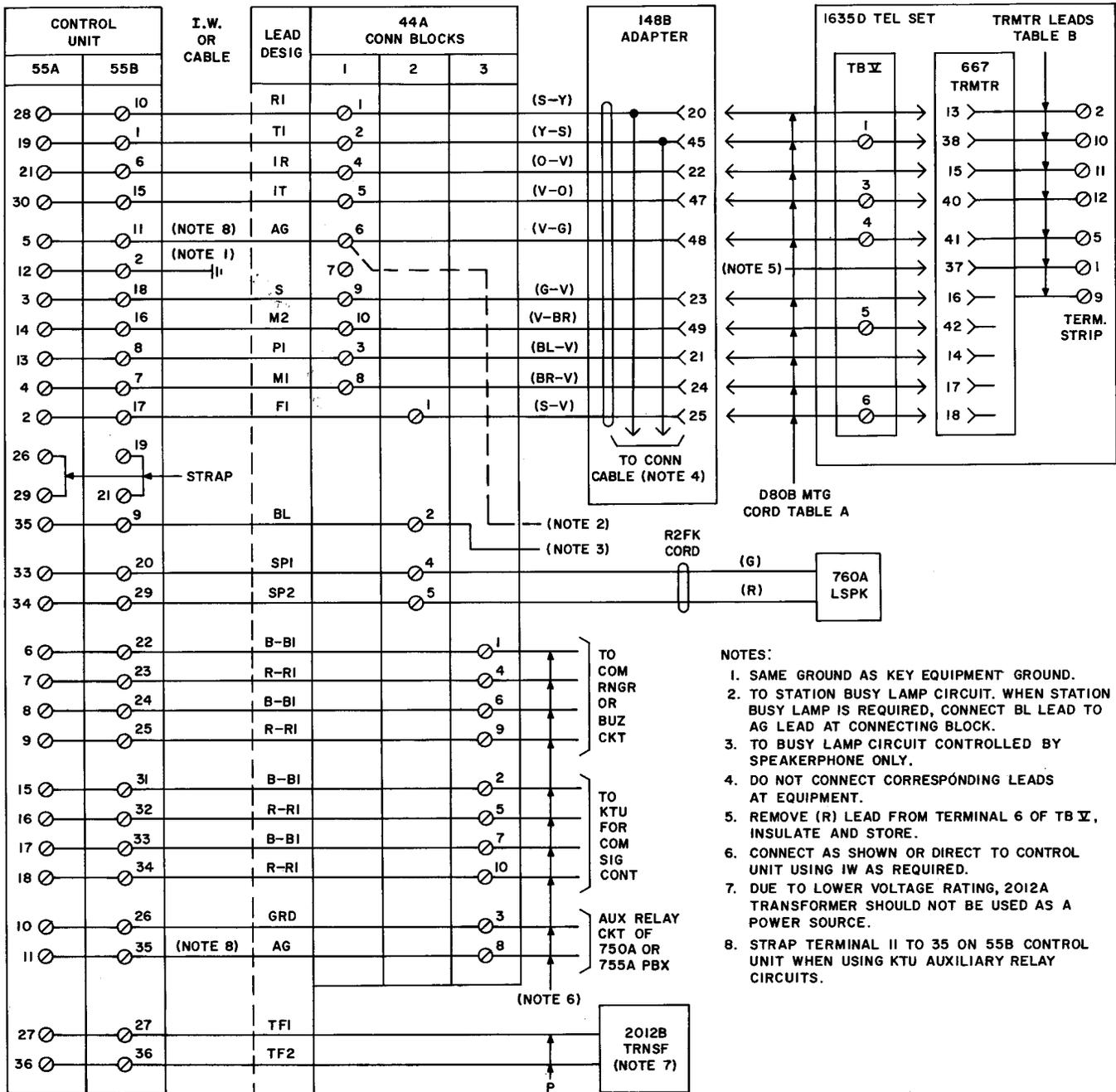


Fig. 1 — 1635D Telephone Set Connected to 3-Type Speakerphone System