

## SPEAKERPHONE SYSTEM—3-TYPE

### 2632-TYPE TELEPHONE SETS

### CONNECTIONS AND MAINTENANCE

#### 1. GENERAL

**1.01** This section covers modification and connection of the 2632-type telephone set when used with the 3-type speakerphone system. Maintenance, limited to components installed as a result of the modifications, is also covered.

**1.02** This section is reissued to:

- Change section reference in 2.02 and 4.01
- Remove Tables A and B; information is included in Fig. 1

#### 2. MODIFICATION

**2.01** The 2632D-11, -12, or -13 telephone set contains a 667B transmitter in the third module position and is wired for use with 3-type speakerphone. Other codes of the 2632-type telephone set may be converted for use with speakerphone by installing a 667B transmitter in the third module position.

**2.02** To convert a 2632-type set for speakerphone, proceed as follows:

- (a) Remove telephone set faceplate and housing (see Section ♦502-600-100♦ for procedure).
- (b) Remove key unit or apparatus blank in right-hand module position (third module) and plug in a 667B transmitter (ordered separately).
- (c) Connect spade-tipped leads of transmitter as shown in Fig. 1.
- (d) ♦Install housing using reverse procedure used in removal.♦

(e) Install new faceplate and mat (ordered separately) in which cutouts for the transmitter are provided. ♦Refer to Section 502-603-100 (2630-, 2631-, and 2632-type telephone sets) for ordering information.♦

#### 3. CONNECTIONS



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

**3.01** ♦A 55B control unit or a 55A modified for TOUCH-TONE® service must be used with these sets. Modified 55A units are indicated by an asterisk following the code stenciled on the unit.

**3.02** Where required, ringer or buzzer operation can be interrupted through break contacts of the control unit to prevent pickup while using speakerphone.

**3.03** Connection is also shown for station busy lamp controlled by speakerphone. Where it is desired to have the busy lamp controlled by both speakerphone and line switch, refer to the Service section for the set involved.♦

#### 4. MAINTENANCE

**4.01** Maintenance of the 2632-type telephone set is found in Section ♦502-600-100. Division 512♦ contains maintenance information for speakerphone system components.

**4.02** The 667B transmitter is subject to pickup and amplification of mechanical spring vibrations when used in some CALL DIRECTOR®

telephone sets. This complaint can be eliminated by the installation of a factory modified transmitter, ordered as follows: "Transmitter, 667B, Modified per D-180196."

4.03 Packed with the modified 667B transmitter is a piece of split vinyl tubing which shall be assembled to the key pivot bar spring of the telephone set when installing the transmitter.

CONNECTIONS AND MAINTENANCE

(a) Inspect the telephone and set receiver assembly which exists in the transmitter assembly. Refer to Section 432-600 (D) for 667B, 667A, and 667C-type telephone sets for wiring information.

2. CONNECTIONS

The proper operation of the 667B transmitter requires correct ground connections to be present on the 110-volt AC circuit to the appropriate terminal in the telephone set or at the 264-volt central office.



2.01 A 264-volt central office or a 110-volt TOUCH-TONE office must be used with these sets. Muffled 264-volt sets are not to be ordered following the code specified in the set.

2.02 When required, rings or power operation can be obtained through power contacts of the central unit to prevent damage while using speakerphone.

2.03 Connections in this section for station hand lamp controlled by speakerphone. When a hand lamp is used, the hand lamp controlled by both speakerphone and the switch to the device section for the set involved.

3. MAINTENANCE

3.01 Maintenance of the 667B-type telephone set is found in Section 432-600 (D). In cases of any contact maintenance information for speakerphone system components.

3.02 The 667B transmitter is subject to physical and application of mechanical stress. Attention when used in some CALL DIRECTOR systems when used in some CALL DIRECTOR systems.

1. GENERAL  
1.01 The transmitter covers modifications and connections of the 667B-type telephone set when used with the 667B-type speakerphone. Information about components installed as a result of the modification is also covered.

1.02 This section is intended for:  
1.03 General wiring information in 264 and 110-volt systems. Tables A and B information is included in Fig. 1.

4. INSTALLATION

4.01 THE TRANSMITTER, 667B, or 667C telephone set contains a 667B transmitter in the hand lamp section and is used for the 667B-type speakerphone. When used in the 667B-type telephone set, it is controlled by the 667B transmitter in the hand lamp section.

4.02 To connect a 667B-type telephone set to the 667B-type speakerphone, refer to the wiring information in the 667B-type telephone set.

4.03 Remove telephone set lamp and hand lamp section from the set.

4.04 Remove key set and speakerphone blank in the hand lamp section (hand lamp) and install in the 667B transmitter (hand lamp).

4.05 Connect electrical leads of transmitter to the 667B-type speakerphone.

4.06 Install speakerphone using reverse procedure used in 4.05.

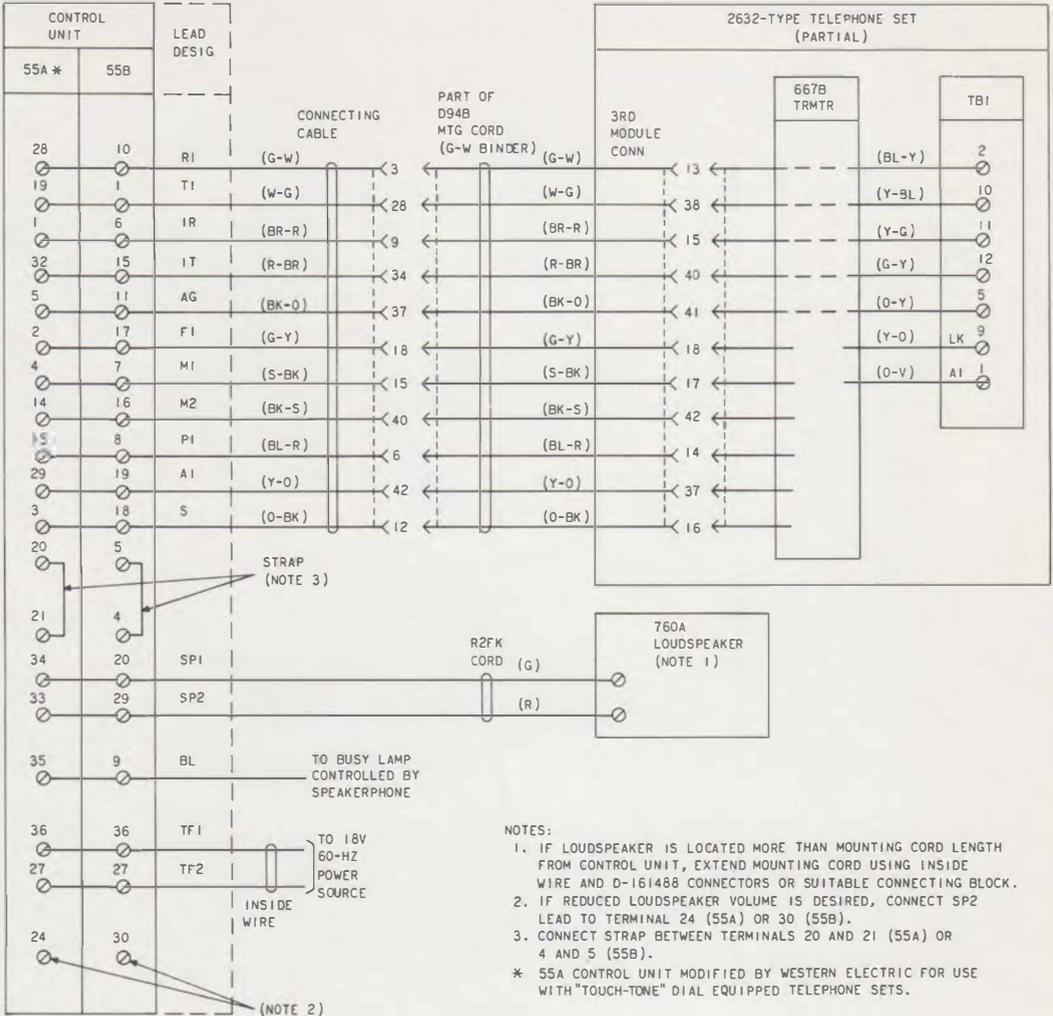


Fig. 1—2632-Type Telephone Set, Connection For 3-Type Speakerphone