

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®

STATICS

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

(e) Install new baseplate and nut (where necessary) in which screws for the receiver are inserted. Refer to Section 502-602 for 1500, 2000, and 2622-type telephone sets for wiring information.

CONNECTIONS

For proper operation of the 6-type speakerphone system, ground must be present on the 4-leads. Contact ground in the appropriate terminal in the telephone set or at the 26-type central unit.



4.01 A 500 ohm resistor will be a 50A resistor for TOUCH-TONE service must be used with these sets. Modified 50A sets are indicated by an asterisk following the code specified on the set.

4.02 When required, rings or buzzer operation can be interrupted through hand control of the control unit to prevent ringing while using speakerphone.

4.03 Connection is also shown for station lamp lamp controlled by speakerphone. When a hand control is used the lamp control is for both speakerphone and line switch relay in the service section for the set involved.

MAINTENANCE

4.04 Maintenance of the 667B-type telephone set is found in Section 432-600-100. Diagrams and contact information for speakerphone system components.

4.05 The 667B transmitter is subject to pickup and amplification of mechanical energy vibrations when used in some CALL DIRECTOR

GENERAL

1.01 The set is covered by the 667B transmitter and consists of the 667B-type telephone set when used with the 667B-type speakerphone system. Information for components related as a result of the transmitter is also covered.

1.02 This section is related to:

1.03 Name section reference in 200 and 400
Reference Tables A and B information is included in Fig. 1

ASSEMBLY

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

2.02 To convert a 667B-type set for speakerphone, proceed as follows:

(a) Remove telephone set topplate and housing - see Section 432-600-100 for procedure.

(b) Remove key set and speakerphone blank in right-hand wiring position (third module) and put in a 667B transmitter (second speaker).

(c) Connect speakerphone bank of transmitter as shown in Fig. 1.

(d) Final check using basic reverse procedure used in assembly.

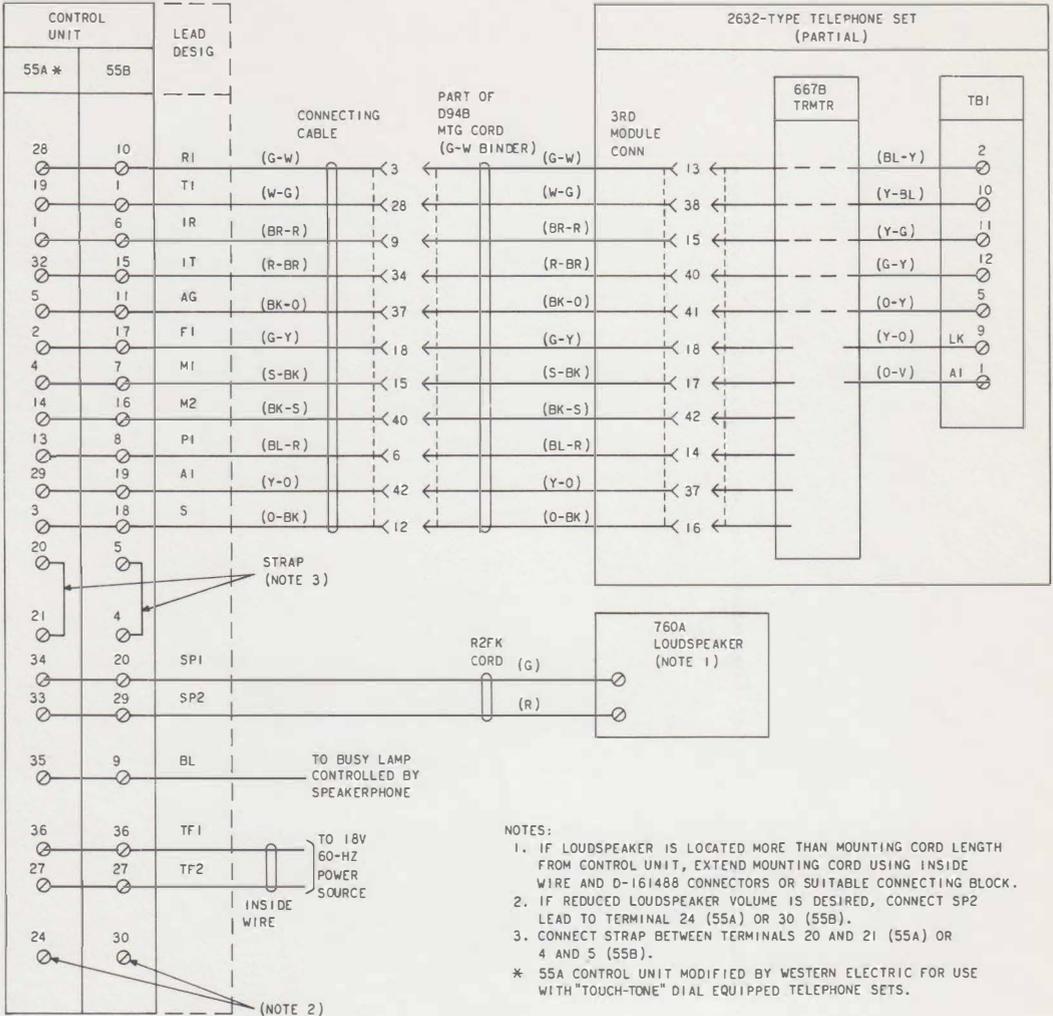


Fig. 1—2632-Type Telephone Set, Connection For 3-Type Speakerphone