

SPEAKERPHONE SYSTEM—3-TYPE

632-TYPE TELEPHONE SETS

CONNECTIONS AND MAINTENANCE

1. GENERAL

1.01 This section covers the modification and connection of the 632-type telephone set when used with the 3-type speakerphone system. Maintenance of components installed in the set as a result of the modification is also covered.

1.02 This section is reissued to:

- Add information on 8C dial
- Change section reference in 4.01 and Table A

2. MODIFICATION

2.01 The 632A-11, -12, or -13, and 632C-11, -12, or -13 telephone sets contain a 667B transmitter in the third module position and are wired for use with 3-type speakerphone. Other codes of 632-type telephone sets may be converted for use with speakerphone by installing a 667B transmitter in the third module position.

2.02 To install 667B transmitter:

- (1) Remove telephone set faceplate assembly and housing. See Section 502-600-100 for procedures.
- (2) Remove key unit or apparatus blank in right-hand module position and plug in a 667B transmitter (ordered separately).
- (3) Connect transmitter spade-tipped leads as shown in Table A and Fig. 1.
- (4) If set is equipped with 8R dial, replace with 8C dial (ordered separately).
- (5) Install housing.

(6) Install new faceplate assembly (ordered separately) in which transmitter cutouts are provided. Refer to Section 502-601-100 (630-, 631-, and 632-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 telephone set terminal or at the 55-type control unit.

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

3.02 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 632-type telephone set is found in Section 502-600-100. Division 512 covers maintenance of speakerphone 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 of the telephone set when installing the transmitter.

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CONNECTIONS AND MAINTENANCE

TABLE A
CONNECTIONS FOR 667A (MD) OR 667B
TRANSMITTER LEADS

LEAD		CONNECT TO	
DESIG	COLOR	632A (MD)	632C
A1	(O-V) [Y]	4 (Tel-Set TB)	1 (Tel-Set TB)
T1	(Y-BL)[O-G]	RR (Net.)	RR (Net.)
R1	(BL-Y)[O-R]	1 (Tel-Set TB)	2 (Tel-Set TB)
AG*	(O-Y) [O]	G (Net)	5 (Tel-Set TB)
LK	(Y-O)[O-BK]	L1 (Net.)	9 (Tel-Set TB)
P3	(Y-G)[O-W]	BB (Dial TB)	11 (Tel-Set TB)
P4	(G-Y)[O-BL]	W (Dial TB)	12 (Tel-Set TB)

* For connections with station busy lamp circuit, see Division 502.

() Current color code

[] MD color code

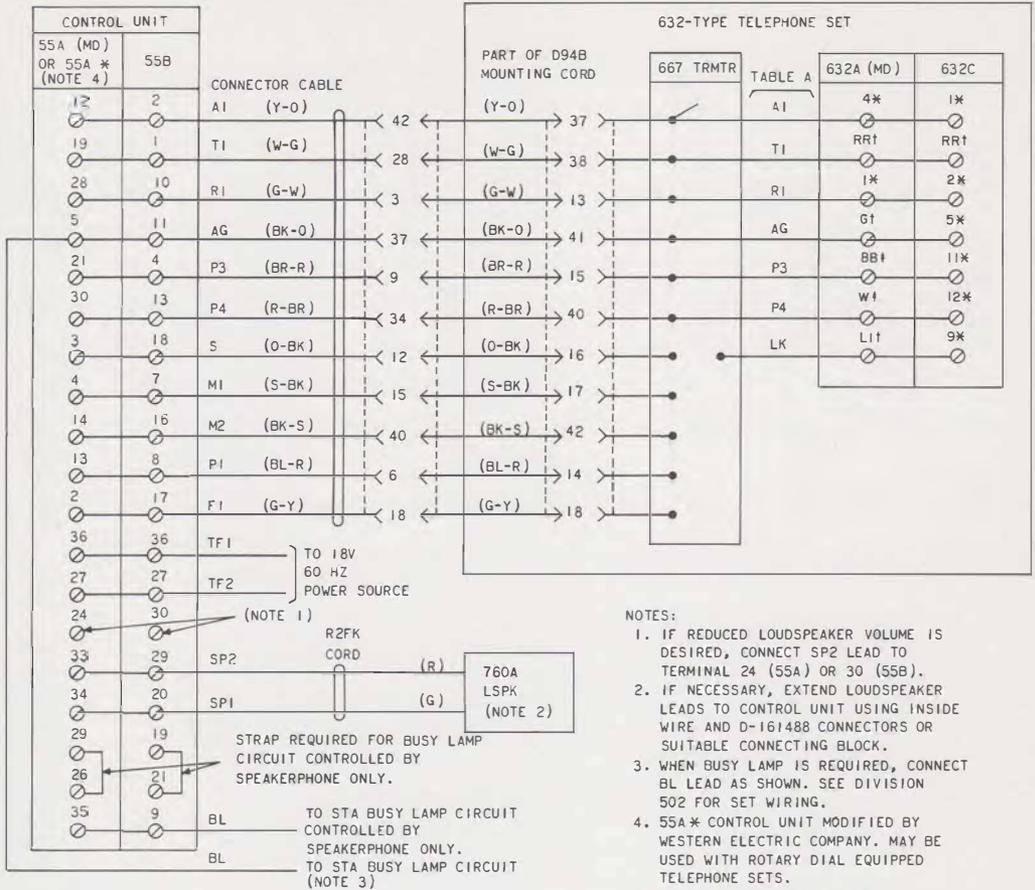


Fig. 1—632-Type Telephone Set, Connections To 3-Type Speakerphone System