

SPEAKERPHONE SYSTEM—3-TYPE

2631-TYPE TELEPHONE SETS

CONNECTIONS AND MAINTENANCE

1. GENERAL

1.01 This section covers modification and connection of the 2631-type telephone set when used with the 3-type speakerphone system. Maintenance, limited to components installed as a result of the modification, is also covered.

1.02 This section is reissued to:

- Add information on 2631DA telephone sets
- Remove Tables A and B; information is included in Fig. 1.
- Change section reference in 4.01

2. MODIFICATION

2.01 Codes -16, -17, and -18 of the 2631-type telephone sets are factory-wired for speakerphone. Other codes can be modified by installing a transmitter in the fifth module and making the necessary wiring changes.

2631D Telephone Set

2.02 Modify as follows:

- (a) Remove the telephone set faceplate and housing.
- (b) Remove key unit or apparatus blank in right-hand module position (fifth module) and plug in a 667B transmitter (ordered separately).
- (c) Connect spade-tipped leads of transmitter as shown in Fig. 1.
- (d) Install housing.
- (e) Install new faceplate and mat (ordered separately) in which cutouts for the transmitter are provided. Refer to the Reference section

on 2630- and 2631-type telephone sets for ordering information.

◆ *2631DA Telephone Sets*

2.03 - Convert as follows:

- (a) Remove faceplate and housing.
- (b) Disconnect all plugs from key unit or apparatus blank fifth module and remove key.
- (c) Install 679A transmitter in fifth module and connect slate plug to receptacle on rear of transmitter. Insulate and store balance of plugs.
- (d) Modify set per Fig. 2 and Table A.◆

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 on 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 2631-type telephone set is found in Section 502-600-100. Division 512 contains maintenance information for 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.

◆ TABLE A ◆
SPEAKERPHONE MODIFICATIONS
2631DA TELEPHONE SET

WIRE OR LEAD	COLOR	FROM	TO
Mounting Cord (Note)	Y-O	39	14
	BL-Y	44	13
	Y-BL	46	9
	Y-G	43	7
	BR-BK	*	38
Plug Strap	BR-BK	30	38
679A Trmr	S-V		4

* Insulated and stored.

Note: Conductors in S-W binder.

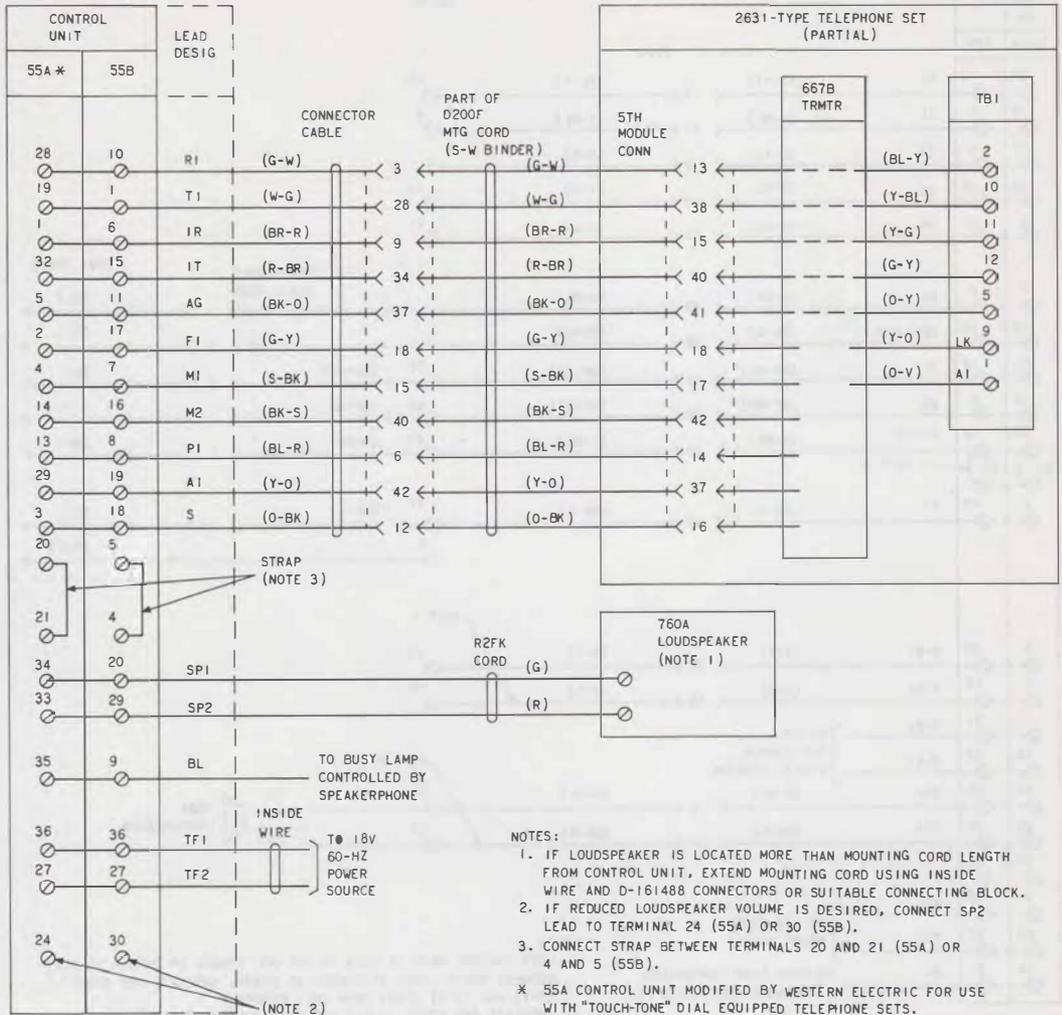


Fig. 1—2631-Type Telephone Set, Connections for 3-Type Speakerphone

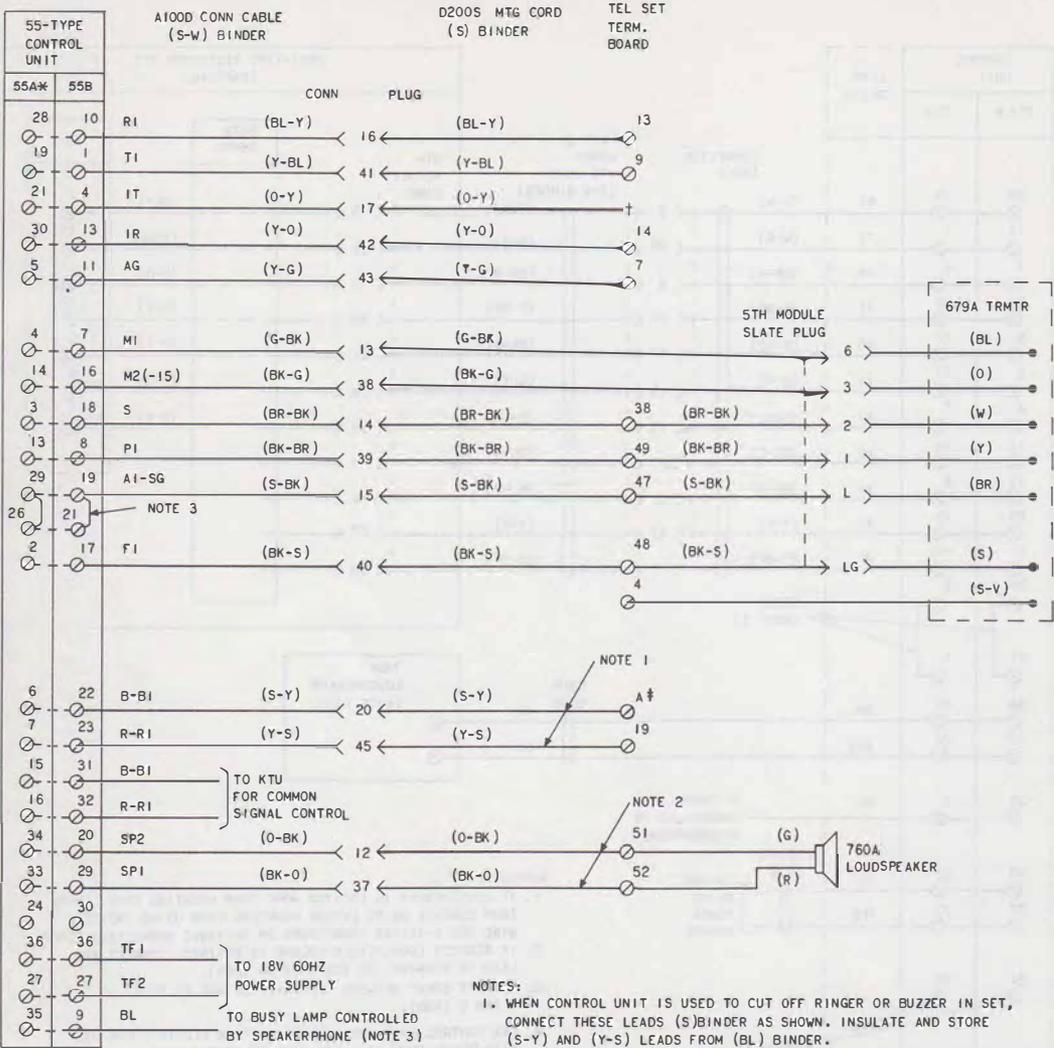


Fig. 2—2631DA Telephone Set Connections for 3-Type Speakerphone