

RINGERS
B, C, AND D TYPES
IDENTIFICATION

1. GENERAL

- 1.01 This section is reissued to:
- Add C5B ringer
 - Revise Table A

2. IDENTIFICATION

- 2.01 Table A lists the B-, C-, and D-type ringers and their application and design features.

◆ TABLE A ◆

ORDERING GUIDE	FIG. NO.	DESIGN FEATURES	APPLICATION
B1D* (MD)	1	High-impedance ringer with three position bias spring. Has a stroke adjusting stop for adjusting ringer volume. Uses 2-1/2 inch gongs	Subscriber sets
B1E* (MD)		Same as B1D except uses 3-inch gongs	
B1F* (MD)		High-impedance unbiased ringer with a feather-type armature spring. Uses 3-inch gongs	
B1AB	2	High-impedance ringer with three position bias spring. Has no gongs or gong posts	300 (MD) and 400 (MD) telephone sets
B1AL	3	Same as B1AB except equipped with a 41A and a 41B gong. Has a stroke adjusting stop for adjusting ringer volume	
B2AL		Same as B1AL with an additional winding to provide 1000 ohm tip-party message rate identification	
B3A (MD)		Low-impedance ringer with three position bias spring and an armature return spring. Has a stroke adjusting stop for adjusting ringer volume	Telephone sets having a vacuum tube for 4-party selective and 8-party semi-selective service
B3B* (MD)	1	Low impedance ringer with three position bias spring. Uses 2-1/2 inch gongs	Telephone sets without a vacuum tube having 4-party selective ringing service

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

◆ TABLE A (Cont) ◆

ORDERING GUIDE	FIG. NO.	DESIGN FEATURES	APPLICATION
B3C* (MD)		Same as B3B (MD) with an armature spring added	Telephone sets with a vacuum tube having 4-party selective ringing service
B4A* (MD)	4	Unit type biased ringer with three position bias spring and a stroke adjusting stop for adjusting ringer volume. Uses 2-5/16 inch gongs	584DG subscriber set
C4A†	5	High-impedance ringer with two position bias spring. Has four step adjustment of ringer volume with a silencing feature provided. Split coil terminates in four leads for tip-party identification.	General purpose ringer
C4B		Same as C4A except for continuous coil with two leads.	Replacement for C4A where tip party identification is not required
C5A*		Similar to C4A with longer leads for solder terminations. Uses 52A to 59A gongs.	PBX and CO for alarm and signaling
C5B		Same as C5A except for continuous coil with two leads and plastic clapper ball	CO alarm only
D1A (MD)	6	High-impedance ringer with two position bias spring, volume is adjustable from loud to silent.	600-type (MD) CALL DIRECTOR [®] sets
D1C		Similar to D1A (MD) except has two legs to support an external terminal plate	
D1D	7	Same as D1C except legs for supporting external terminal plate are omitted	
D1E		Same as D1D except the leads are longer	

* Furnished without gongs, use gongs from replaced ringer or order separately.

† A 64A plastic gong, which provides a distinctive signal for persons with certain types of hearing impairments, may be used to replace the 54A and 55A gongs on the C4A ringer that is used with a 687 subscriber set.

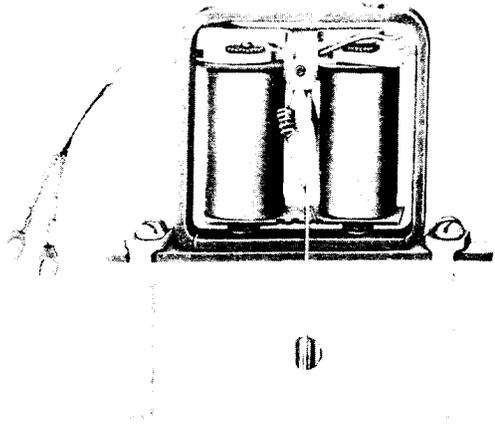


Fig. 1—B-Type Ringer Without Gongs

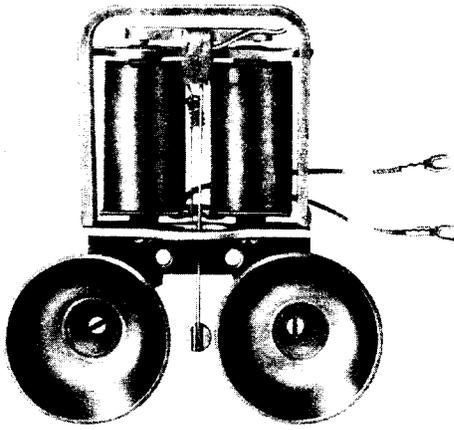


Fig. 3—B-Type Ringer Equipped With Gongs

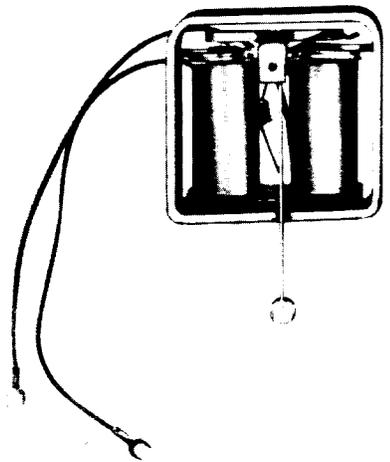


Fig. 2—B1AB Ringer

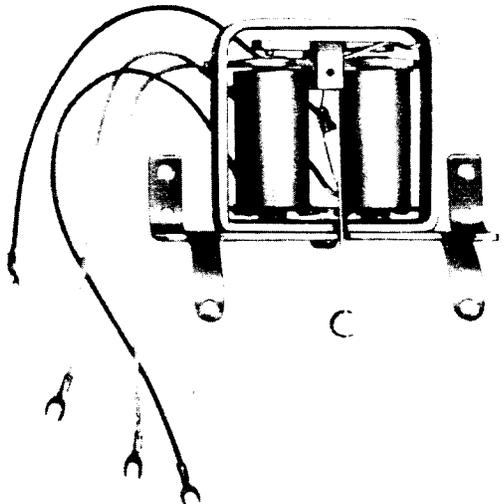


Fig. 4—B4A Ringer

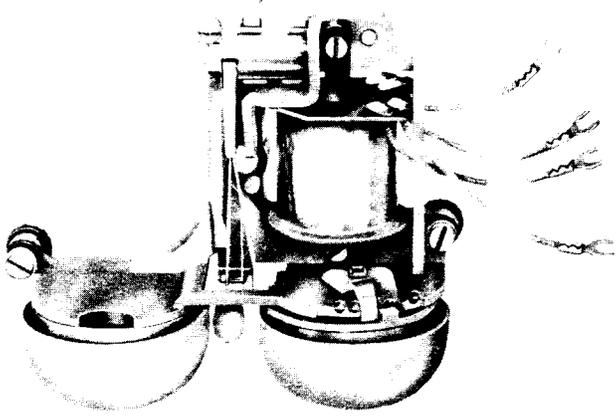


Fig. 5—C4A Ringer

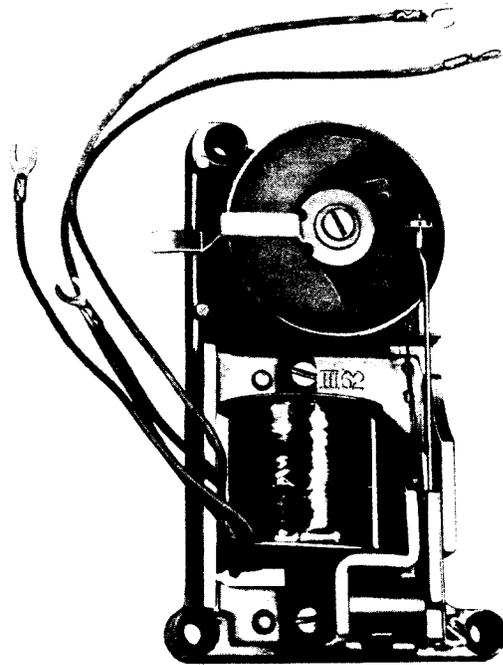


Fig. 7—D1D Ringer

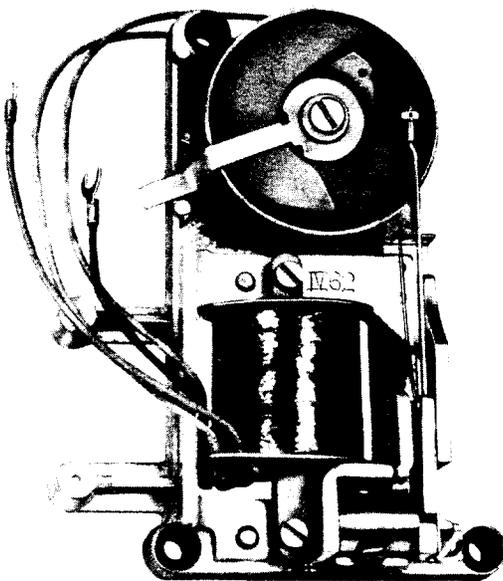


Fig. 6—D1C Ringer