

PLEASE NOTE

REFERENCE

540-, 543-, 544-, AND 545-TYPE TELEPHONE SETS

1. GENERAL

1.01 This section provides identification and installation information for the 540B (MD), 543DB, 543DBC, 543DBM (modular), 544A (MD), 544B (MD), and 545B (MD) key telephone sets.

1.02 This section is reissued to:

- Add the 543DBM (modular) key telephone set, Fig. 5
- Add Table B

1.03 Code numbers such as 544BAR/BBR cover manual and dial versions, respectively, of the same type telephone set.

2. IDENTIFICATION

2.01 The 540-, 544-, and 545-type telephone sets (Fig. 1 and 2) are desk-type, 4-button key telephone sets intended for use in 1A, 1A1, or 1A2 key telephone systems. The 543-type is intended for use with 761A hotel-motel PBX.

2.02 The 543DBC telephone set is not furnished from the factory but may be obtained by conversion of the 544BB and 545BB telephone sets which are modified at the distributing house to the equivalent of the 543DB telephone set (Fig. 3). Optional conversions to and from the 543DBM telephone set are shown in Fig. 5.

3. INSTALLATION

Keys

3.01 The 588D 4-button key has a hold and three pickup buttons. The last one on the right may be converted to signaling by removing the 811218924 (P-12A892) screw detail and making the necessary wiring changes.



Fig. 1—540-Type Telephone Set

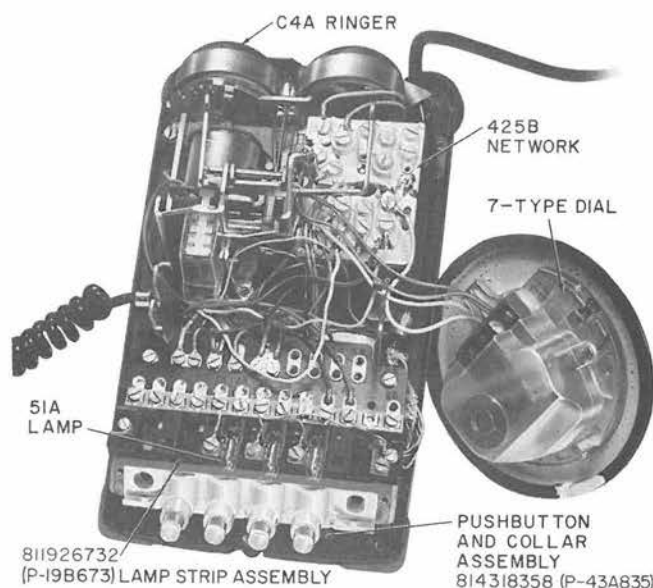


Fig. 2—540-Type Telephone Set, Interior

NOTICE

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

TABLE A

COMPONENT ORDERING GUIDE

COMPONENT	TELEPHONE SET					
	540B(MD)	543DB	543DBM	544A(MD)	544B(MD)	545B(MD)
Blocking Ring	811218585 (P-12A858)					
Button and Collar Assy	814318358 (P-43A835)	812854016 (P-28E401)		814318358 (P-43A835)		
Cord, Handset	H4CJ-*		H4DU-*	H4CJ-*		
Cord, Mounting	D14D-*	D12F-*		D25A-*	D19A-*	D24B-*
Designation Card	E-4227	812758837 (P-27E883)		E-4227		
Dial	7- or 9-Type, or 95-Type Apparatus Blank					
Handset	G1-(MD) or G3-Type*	G3-Type*	G15A-*	G1- (MD) or G3-Type*		
Housing and Plunger Assy	811925551 (P-19B555)	Table B		811925551 (P-19B555)		
Key	588A	641A		588C	588C	
Key Lamp	51A					
Lamp Strip Assy	811926732 (P-19B673)			811926732 (P-19B673)		
Network	425B	4228-Type or 425E		425B		
Ringer	C4A	C4B		C4A		
Switch, Exclusion		812551182 (P-25E118)				811926005 (P-19B600)
Window Strip Assy	811711019 (P-17A101)	812854032 (P-28E403)		811711019 (P-17A101)		
Buzzer and Capacitor Assy†		7-Type or KS-20419L1 Buzzer and 152A Capacitor				

* Add color suffix, Table B.

† Ordered separately.

3.02 The button and collar assembly (Fig. 2) rests on top of the key plungers and is held in place by the housing through which the buttons protrude. A collar on the buttons serves to direct the light from the lamps to the plastic buttons.

3.03 The 588-type key is fastened to the base assembly by three screws. The 51A lamps are held in place by clip contacts on the lamp strip. The lamp strip itself is a separate assembly fastened to the key with two screws.

3.04 The 641A key is equipped with a lamp in the hold key position for message waiting feature. It is blocked inoperative. The line keys are nonlocking.

3.05 This arrangement allows the hotel or motel guest access to the PBX operator, local central office trunk line, or the toll operator.

3.06 An unused button can be blocked by installing an 811218585 (P-12A858) blocking ring (Fig. 4).

Exclusion Switch

3.07 The 543DB, 543DBM, and 545B telephone set are equipped with exclusion switches for remote answering arrangement.

Window Strip and Designation Cards

3.08 The removable window strip is held in place by two spring clips which fit into mating holes in the set housing and which also retain the designation card in place above the buttons.

3.09 A designation card, form E-4227, printed in 6-button size is used with the 540-, 544-, and 545-type sets and must be trimmed to fit the 4-button window strip assembly. The 543-type set is furnished with an 812758837 (P-27E883) form.

Optional Buzzer

3.10 A 7-type buzzer and 152A capacitor may be mounted on these sets by using a 44B bracket. The KS-20419L1 buzzer may be mounted in any convenient location such as the dial mounting bracket. These parts must be ordered separately.

◆ TABLE B ◆

ORDERING GUIDE — HOUSING AND PLUNGER ASSEMBLY

COLOR	SUFFIX	543DB		543DBM
		COMCODE	P-NUMBER	COMCODE
Black	-03	818355034	P-83E503	Not available at this time
Ivory	-50	818355505	P-83E550	
Green	-51	818355513	P-83E551	
Red	-53	818355539	P-83E553	
Yellow	-56	818355562	P-83E556	
White	-58	818355588	P-83E558	
Lt. Beige	-60	818355604	P-83E560	
Aqua Blue	-62	818355620	P-83E562	



Fig. 3—543DB or 543DBM Telephone Set

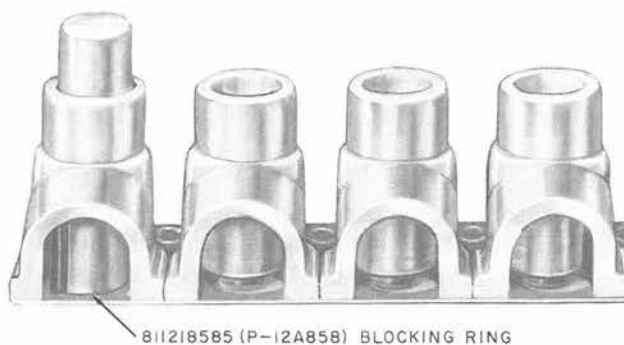


Fig. 4—811218585 (P-12A858) Blocking Ring, Installed

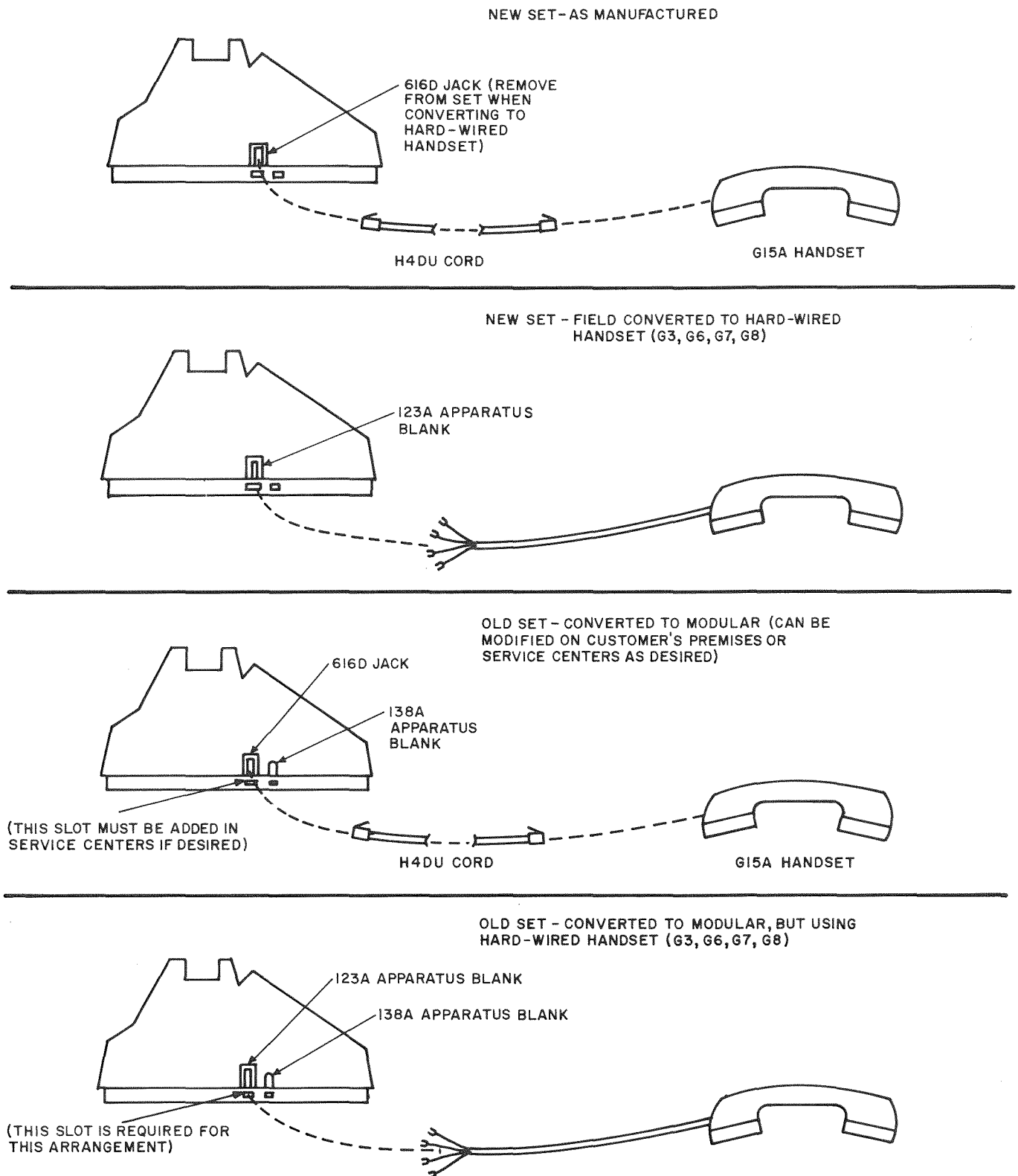


Fig. 5—543DB Key Telephone Set Arranged for Handset Modularity