

COIN TELEPHONE SHELF  
KS-19945 SMALL TALK

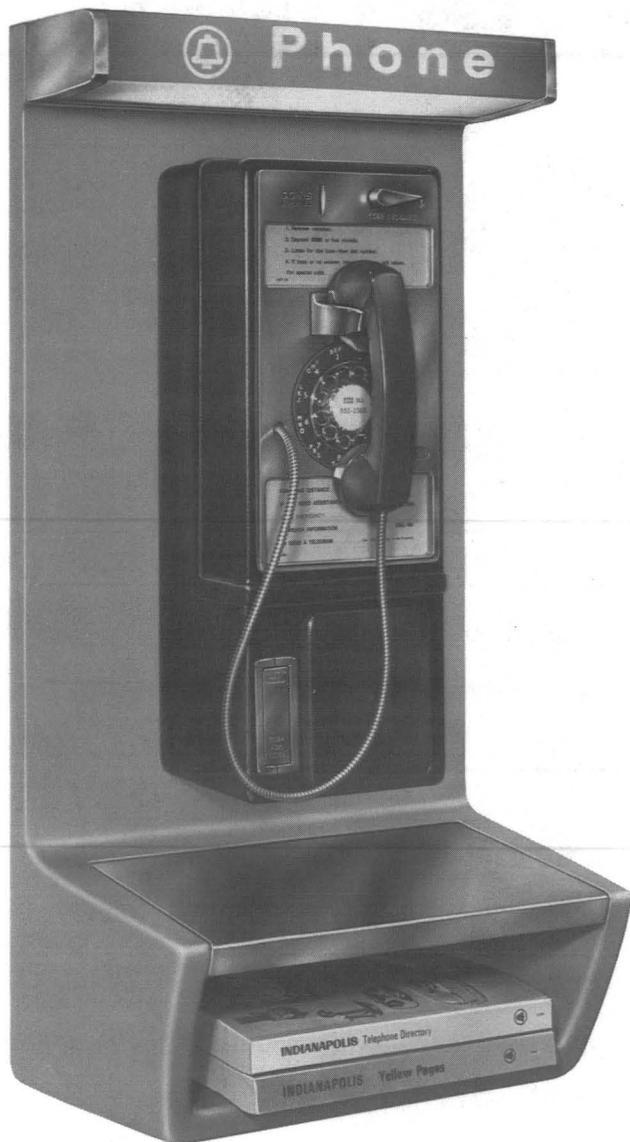


Fig. 1—KS-19945, List 1 Coin Telephone Shelf With  
1C1 Coin Telephone Set

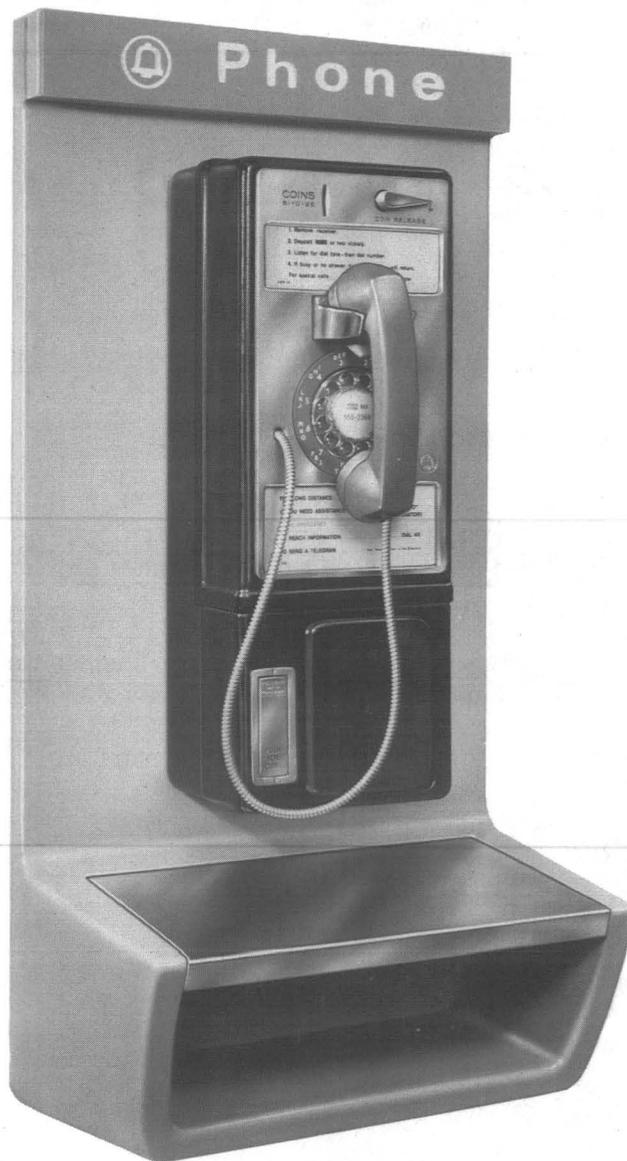


Fig. 2—KS-19945, List 3 Coin Telephone Shelf With  
1C1 Coin Telephone Set

**NOTICE**

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

**1. GENERAL**

**1.01** This section is reissued to:

- Add information on Lists 21 through 25 and 31 through 40 shelves which are designed with a cutout in the backplate for the coin telephone set.
- Revise installation procedures.
- Show 178A backboard no longer furnished (order separately)

Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

**2. IDENTIFICATION**

**2.01** The KS-19945 coin telephone shelf (Fig. 1 through 5) is a wall mounted Fiberglas reinforced polyester molded unit intended for indoor use only.

**2.02** The shelf is available in gray, blue, or wood grain with a stainless steel writing shelf.

**2.03** The overall dimensions of the shelf are:

- Height—36 inches
- Width—17-1/2 inches
- Depth—11 inches

**2.04** Two versions of the shelf are available:

- (1) Shelf with a solid backplate (Fig. 4) for fitting over a 174A or 178A backboard.
- (2) Shelf with an 8-inch by 21-inch rectangular cutout in backplate (Fig. 5) to permit installation over an existing 1-type coin telephone set without removing set from wall.

**2.05** The shelf is designed for a KS-19681, List 9 or List 10 illuminated sign (Fig. 1) or a plastic nonilluminated sign (Fig. 2 and 3).

**2.06** The shelf will accept a 1A/1C/1E-type coin telephone set (Fig. 1) or a 236G coin collector (Fig. 3). No provisions are made for using a



**Fig. 3—KS-19945, List 4 Coin Telephone Shelf With 236G Coin Collector**

subscriber set. The cutout shelf cannot be used with a 236G coin collector.

**2.07** The directory compartment, which is a part of the shelf, will accept directories up to 4 inches thick (Fig. 6).

**2.08** If a directory binder is required to secure the directory, use a UD-type directory binder with lanyard. Refer to Section 508-710-101 for complete information on UD-type binders.

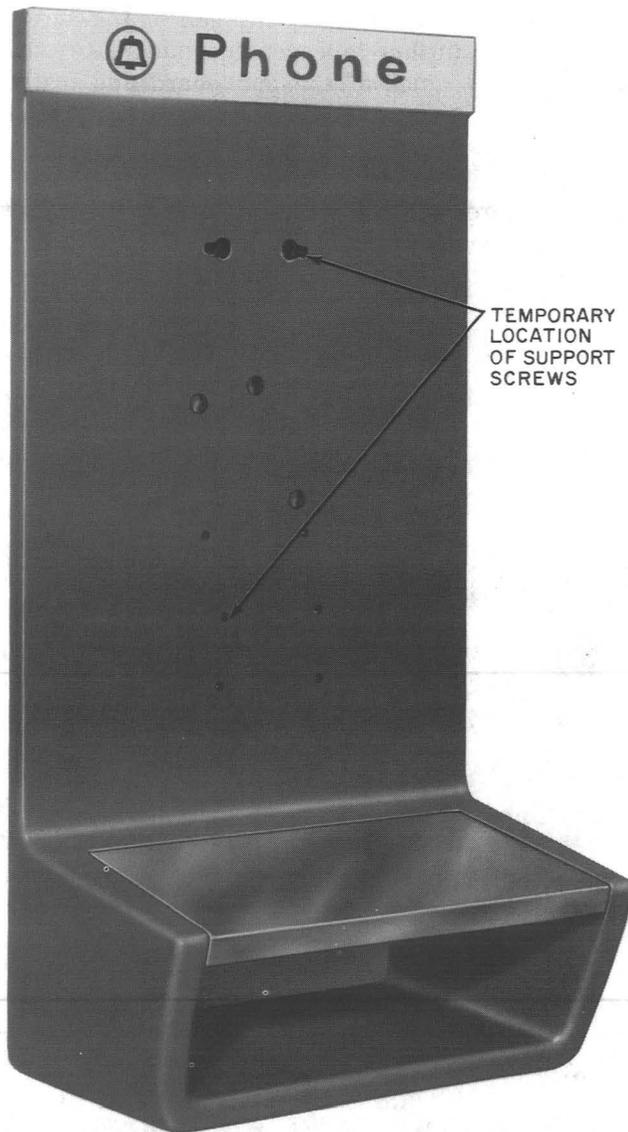


Fig. 4—KS-19945, List 14 Coin Telephone Shelf

2.09 Table A describes the basic list numbers.

### Ordering Guide

2.10 When ordering, specify the quantity, KS-number, and list number and/or code including those that must be ordered separately. Refer to Section 508-710-101 for complete information on directory binders.



Fig. 5—KS-19945, List 36 Coin Telephone Shelf

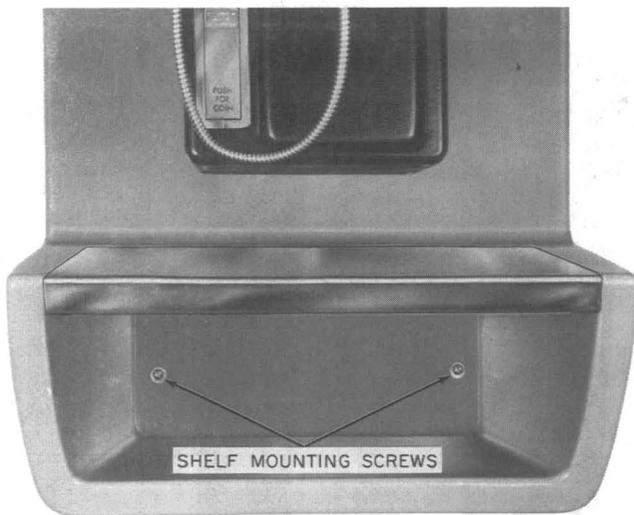
2.11 The following are examples of typical orders:

Example I—A gray shelf with solid backplate; illuminated sign with white letters on blue background, and a black backboard. (This is for a new installation.)

1—Shelf, KS-19945, List 3

1—178A-3 backboard

Example II—A blue shelf with cutout in backplate; nonilluminated sign with blue letters on white background. (This is for



**Fig. 6—Directory Compartment of KS-19945 Coin Telephone Shelf**

installing over an existing 1-type coin telephone set.)

1—Shelf, KS-19945, List 34

### 3. INSTALLATION

#### *New Installation Using A Shelf With Solid Backplate*

**3.01** Install a 174A or 178A backboard using fasteners described in Table B. Distance from bottom edge of backboard to floor shall be in accordance with Table C. Backboard must be plumb in order for the coin telephone set to operate properly.

**Note:** If an illuminated sign is used, ensure that a 3-wire grounded outlet is accessible. If the outlet is below shelf, place light cord behind shelf before securing shelf to wall. If concealed wiring is desired, an electrical box may be installed centered 24 inches above bottom edge of 178A backboard or 22-3/4 inches above bottom edge of 174A backboard.

**3.02** Install one 1/4-20 by 5/8 RHM screw (furnished with coin telephone set) in the top right tapped hole in the backboard. Do not tighten screw.

**3.03** Utilizing the top-right keyhole slot in backplate of shelf (Fig. 4) hang the shelf on this screw. Align the mounting holes of the backplate with the mounting holes of the backboard and install another 1/4-20 by 5/8 RHM screw in lower portion of backboard.

**3.04** The rear of the directory compartment has two mounting holes (Fig. 6). If drilling is required, mark location for these two holes and remove shelf. If drilling is not required, fasten shelf to wall with appropriate screws per Table B.

**3.05** If wall was marked for drilling, drill marked holes and install appropriate anchors per Table B. Place shelf over backboard and secure to wall with appropriate fasteners.

**3.06** Install 1A/1C/1E-type coin telephone set in accordance with Section 506-410-400.



**Security studs must be used. They will go through shelf and backboard (Fig. 4).**

**3.07** Further secure the set to shelf and backboard with seven 1/4-20 by 5/8 hardened RHM screws (P-23F790 or 812367704) which are furnished with set.

#### *New Installation Using A Shelf With Cutout in Backplate*

**3.08** Repeat 3.01 and 3.06.

**3.09** Before installing cover unit assembly on set, slide the KS-19945 shelf over the set housing.

**3.10** The rear of the directory compartment has two mounting holes (Fig. 6) and there are four 1/4-inch square holes at top of the shelf (Fig. 5). If drilling is required, mark location for the two holes in directory compartment and the bottom two 1/4-inch square holes in top edge of shelf and remove shelf. If drilling is not required, fasten shelf to wall with appropriate screws per Table D.

**3.11** If wall was marked for drilling, drill marked holes and install appropriate anchors per Table D.

**TABLE A**  
**KS-19945 LIST NUMBERS AND DESCRIPTION**

LIST NO.	DESCRIPTION	SHELF COLOR	SIGN FURNISHED*	COLOR OF SIGN LETTERS	COLOR OF SIGN BACKGROUND
1	Shelf with Solid Backplate	Gray	KS-19681, L9	White	Blue
2			KS-19681, L10	Blue	White
3			KS-19945, L9	White	Blue
4			KS-19945, L10	Blue	White
5			None		
9	Sign, Plastic			White	Blue
10				Blue	White
11	Shelf with Solid Backplate	Blue	KS-19681, L9	White	Blue
12			KS-19681, L10	Blue	White
13			KS-19945, L9	White	Blue
14			KS-19945, L10	Blue	White
15			None		
16		None			
17		Wood Grain	KS-19945, L9	White	Blue
18			KS-19945, L10	Blue	White
19			KS-19681, L9	White	Blue
20			KS-19681, L10	Blue	White
21		Gray	KS-19681, L9	White	Blue
22			KS-19681, L10	Blue	White
23			KS-19945, L9	White	Blue
24			KS-19945, L10	Blue	White
25			None		
31	Shelf with Cutout in Backplate	Blue	KS-19681, L9	White	Blue
32			KS-19681, L10	Blue	White
33			KS-19945, L9	White	Blue
34			KS-19945, L10	Blue	White
35			None		
36		Wood Grain	None		
37			KS-19945, L9	White	Blue
38			KS-19945, L10	Blue	White
39			KS-19681, L9	White	Blue
40			KS-19681, L10	Blue	White

\*The KS-19681, L9 or L10 illuminated sign can be ordered separately. Refer to Fig. 7 for component parts.

**3.12** Slide shelf over coin telephone set and secure it to wall with appropriate fasteners.

**3.13** Install cover unit assembly over set.

**3.14** Install sign per 3.18 or 3.19.

**3.15** If required, install directory hanger per 3.20.

**Installation Over A Set that Was Previously Installed On A Backboard Without A Shelf**

**3.16** Remove cover unit assembly from coin set.

TABLE B  
FASTENERS USED IN MOUNTING BACKBOARDS

MOUNTING SURFACES					HOLE SIZE REQUIRED	FASTENERS	
SOFT-WOOD	HARD-WOOD	MASONRY* (CONCRETE, BRICK)	LATH AND PLASTER†	PLASTER, CINDER BLOCK, HOLLOW TILE, METAL LATH, PLASTER, BOARD		SIZE AND TYPE (NOTES 2 AND 3)	QUANTITY (NOTE 1)
•					1/8 or No. 30	1-3/4 inch No. 14 RH tapping screw or RH wood screw	8 minimum
	•					1-1/4 inch No. 14 RH tapping screw or RH wood screw	
		•			1/2	1/4-20 by 1-1/2 inch RH machine screw in 1/4 by 1-1/4 inch expansion shield	
			•		1/8 or No. 30	1-3/4 inch No. 14 RH tapping screw, secure in stud	7 minimum
				•	3/4	1/4- by 4-inch RH toggle bolt	

\* When mounting on plastered masonry, use fasteners 1/2-inch longer than specified.

† When mounting on plasterboard, plaster on lath, etc, fasteners must be embedded in stud at least 1 inch.

Note 1: Additional fasteners may be placed to ensure mounting.

2: When using toggle bolts, cut off excess length.

3: Size shown for wall screw anchors is diameter only. Length will be determined by wall thickness.

TABLE C

INSTALLATION GUIDELINES FOR BACKBOARDS

BACKBOARD TYPE	DISTANCE FROM BOTTOM OF BACKBOARD TO FLOOR	
	WHERE REQUIRED HEIGHT OF COIN SLOT IS 66 INCHES (STANDARD)	WHERE REQUIRED HEIGHT OF COIN SLOT IS 54 INCHES (UNIVERSAL)
178A	46-11/16 inches	34-11/16 inches
174A	47-5/8 inches	35-5/8 inches

SIGNS

*Nonlighted Signs*

3.18 The KS-19945, Lists 9 and 10 signs (Fig. 2 and 3) are adhesive backed plastic. To install, peel off the paper backing and stick on.

*Lighted Signs*

3.19 The KS-19681, Lists 9 and 10 signs (Fig. 7) must be disassembled as shown and installed as follows:

(1) Run a fish tape through entrance hole in rear of shelf and down wire channel (if applicable) until it is accessible at bottom of shelf.

(2) Tie lamp cord to fish tape and pull it into position.

3.17 Slide a shelf with cutout over set housing and repeat 3.10 through 3.15.

**TABLE D**  
**FASTENERS USED TO MOUNT A SHELF**  
**WITH CUTOUT IN BACKPLATE**

MOUNTING SURFACES					FASTENERS	
SOFT WOOD	HARD WOOD	MASONRY (CONCRETE, BRICK)	LATH AND PLASTER	PLASTER, CINDER BLOCK, HOLLOW TILE, METAL LATH, PLASTER BOARD	TOP HOLES	DIRECTORY COMPARTMENT HOLES
•	•				3-inch No. 10 FH wood screw	1-inch No. 10 RH wood screws with No. 12 flat washers
		•			3-inch No. 10 FHM screw with expansion anchor	1-inch No. 10 RHM screw with expansion anchor and No. 12 flat washer
			•	•	3/16 by 6-inch FH toggle bolt	3/16 by 4-inch RH toggle bolt with No. 12 flat washer

- (3) Place the base assembly brackets in shelf slots and slide base to right.
- (4) Install tamper resistant screw (furnished with light assembly) through base at top center of shelf using KS-19192, List 1 wrench.
- (5) Connect lamp cord to ballast and lamp holder using wire nuts furnished with sign.
- (6) Install lamp cover on base assembly and secure with two hex nuts furnished.
- (7) Install fluorescent lamp (G.E. No. F14T12 or equivalent).
- (8) Install frame and diffuser and secure them with the four No. 8-32 by 1/2 stainless steel screws furnished.

- (9) Plug lamp cord into wall socket.

#### **DIRECTORY HANGERS**

**3.20** When a directory hanger is required, use a UD-type directory binder with lanyard and secure lanyard inside of directory compartment with one of the shelf mounting screws (Fig. 6).

#### **4. MAINTENANCE**

**4.01** Maintenance will consist of replacing complete shelf, replacing or repairing sign, replacing directory hanger, and cleaning.

**4.02** Refer to Section 508-100-101 for cleaning.

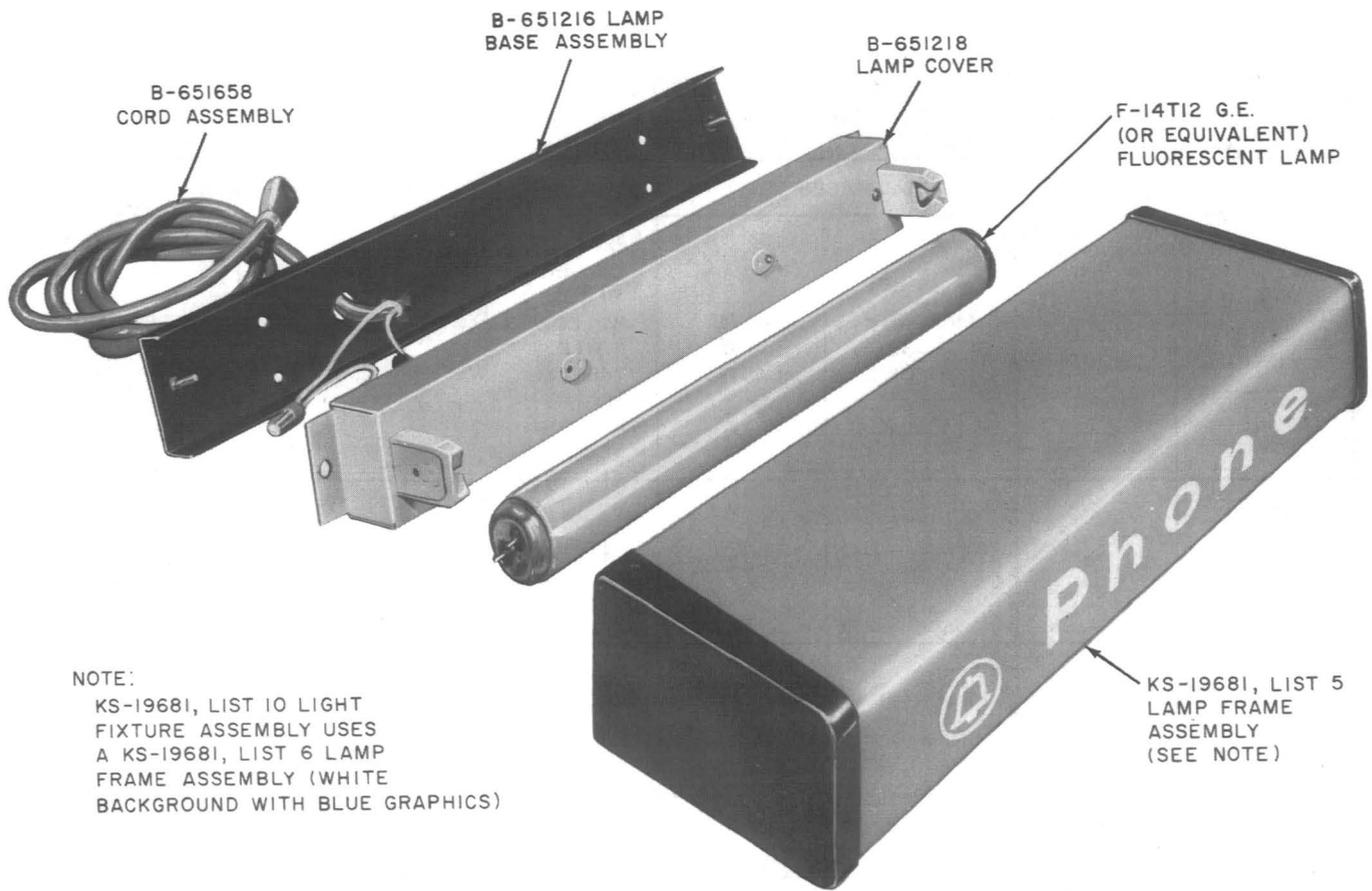


Fig. 7—KS-19681, List 9 Light Fixture Assembly