

KS-19945 SMALL TALK PUBLIC SERVICES TELEPHONE SHELF IDENTIFICATION, INSTALLATION, AND MAINTENANCE

1. GENERAL

1.01 This section contains information on the KS-19945 small talk telephone shelf.

1.02 The reasons for reissuing this section are listed below. Since this reissue is a general revision, no revision arrows have been used to denote significant changes.

- Add KS-19945 Lists 7 and 8 signs (Charge-a-Call, nonilluminated)
- Add KS-19681, Lists 11 and 12 light fixtures (Charge-a-Call, illuminated)
- Add information on the 10A coinless telephone set.

2. IDENTIFICATION

2.01 The KS-19945 coin telephone shelf (Fig. 1 through 4) is a wall mounted Fiberglass 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. 3) for fitting over a 174A (MD) or 178A backboard.
- (2) Shelf with an 8-inch by 21-inch rectangular cutout in backplate (Fig. 4) to permit installa-

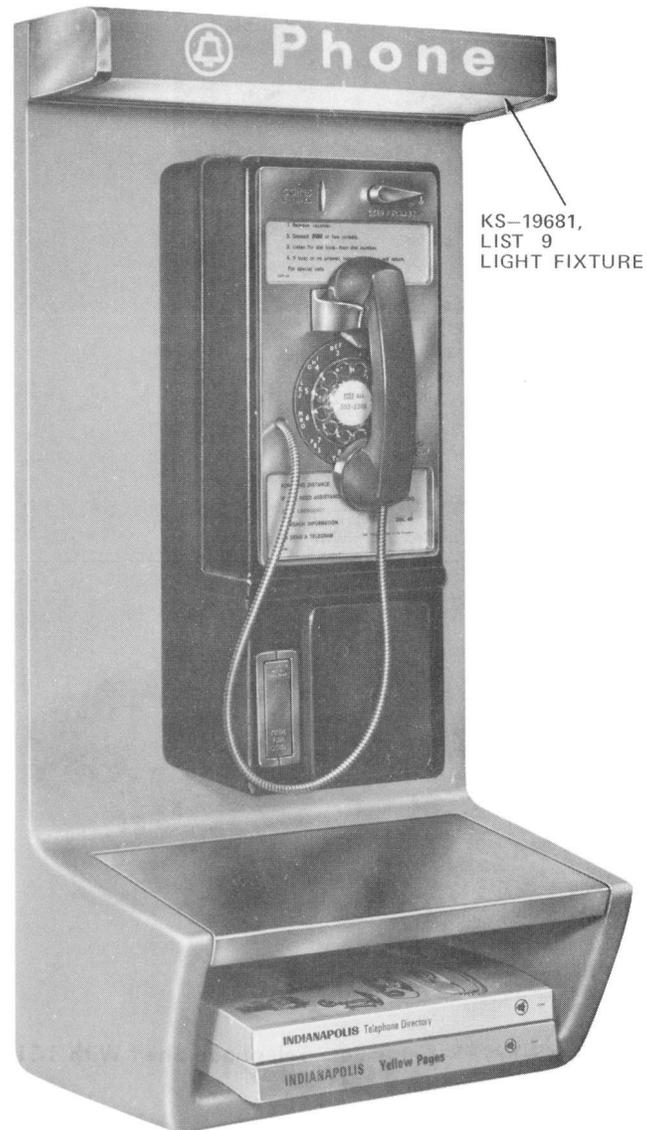


Fig. 1—KS-19945, List 1 Coin Telephone Shelf With 1C1 Coin Telephone Set

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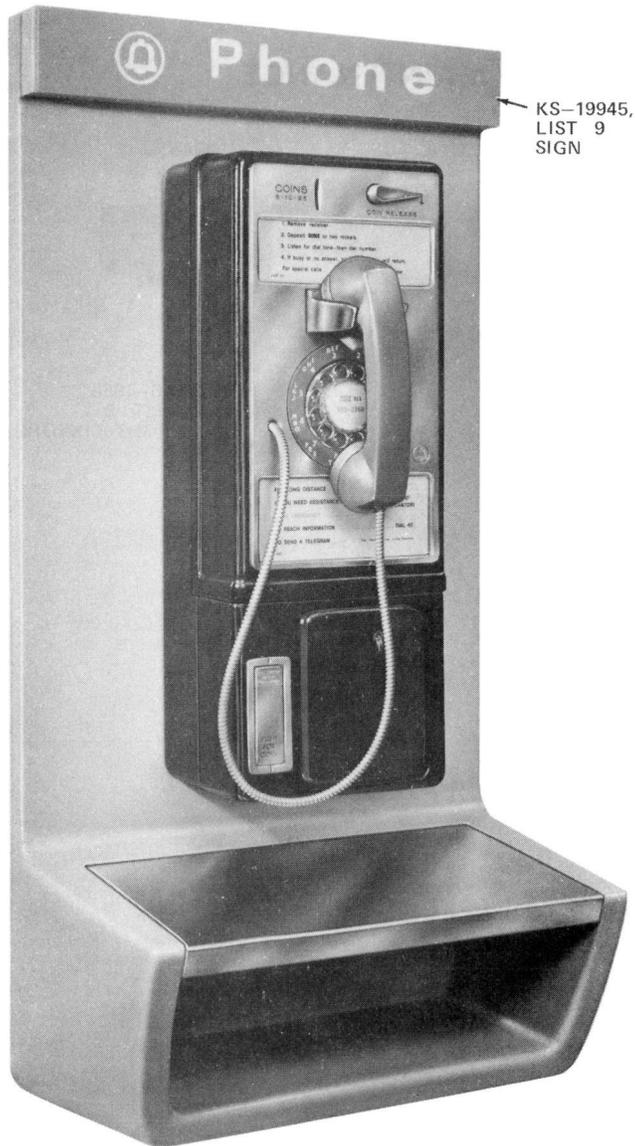


Fig. 2—KS-19945, List 3 Coin Telephone Shelf With 1C1 Coin Telephone Set

tion over an existing 1-type coin telephone set or a 10A coinless telephone set without removing set from wall.

2.05 The shelf is designed for a KS-19945, List 7 or 8 nonilluminated “Charge-a-Call” sign (Fig. 5), a List 9 or 10 nonilluminated “Phone” sign (Fig. 2), a KS-19681, List 9 or 10 illuminated “Phone” sign (Fig. 1), or a List 11 or 12 illuminated “Charge-a-Call” sign (diffuser, Fig. 8).

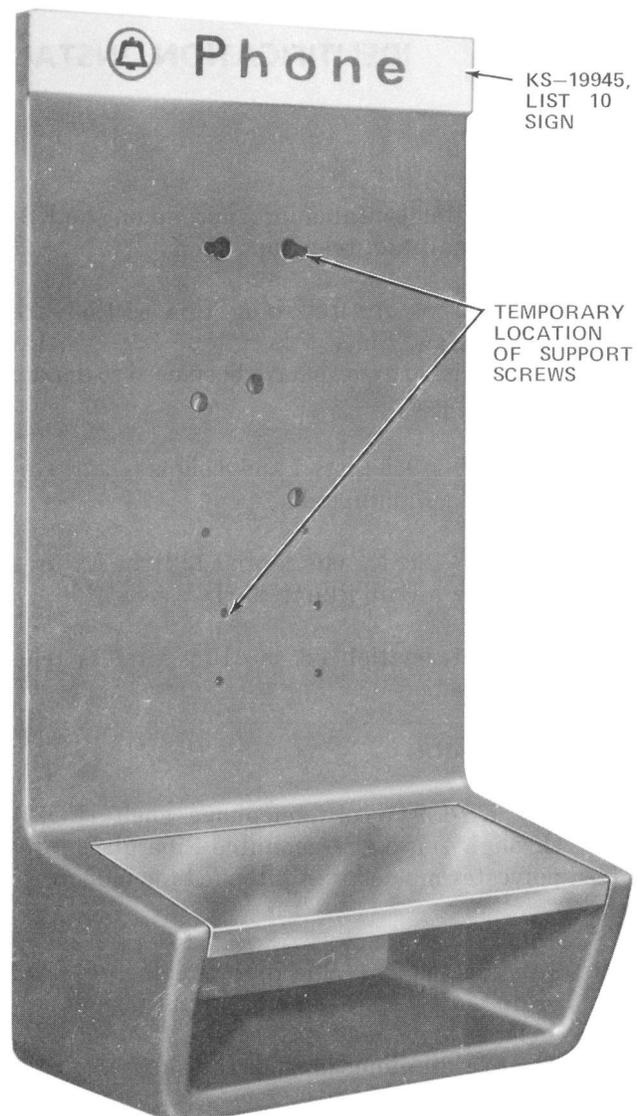


Fig. 3—KS-19945, List 14 Coin Telephone Shelf

2.06 The shelf will accept a 1A/1C/1D/1E-type coin telephone set (Fig. 1) or a 10A coinless telephone set.

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 36 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.

2.11 The following are examples of typical orders:

Example I—A gray shelf with solid backplate; illu-

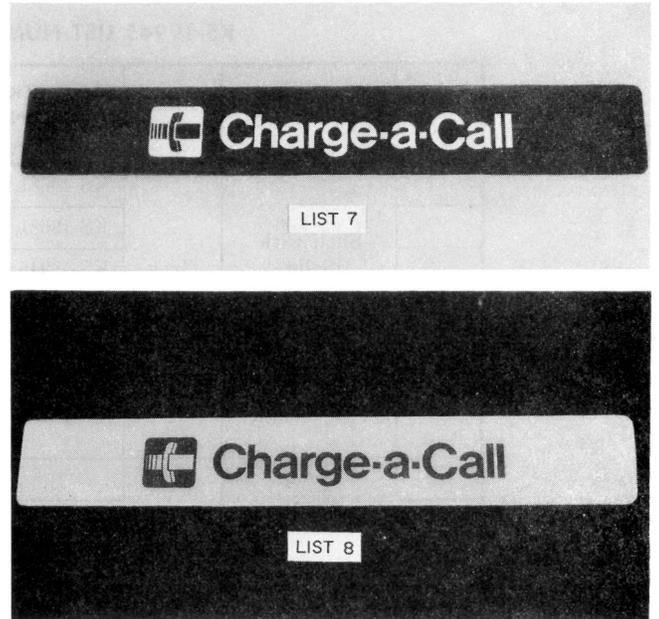


Fig. 5—KS-19945, Lists 7 and 8 Signs (Nonilluminated)

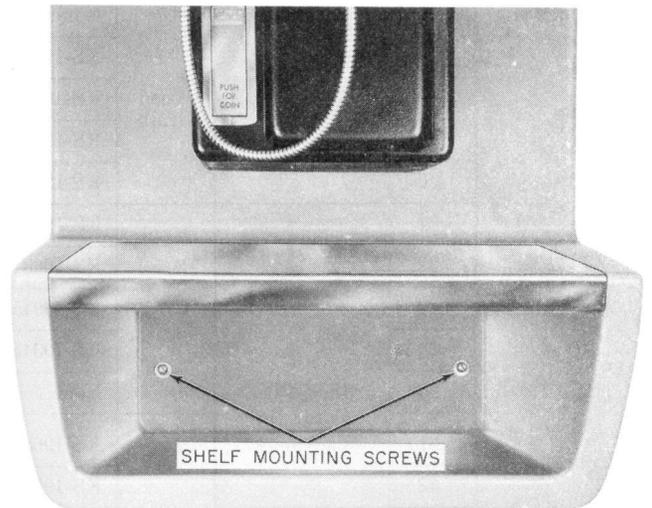


Fig. 6—Directory Compartment of KS-19945 Coin Telephone Shelf

TABLE A
KS-19945 LIST NUMBERS AND DESCRIPTION

LIST NO.	DESCRIPTION	SHELF COLOR	SIGN FURNISHED (NOTES 1 AND 2)	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		
7	Charge-a-Call Sign, Plastic			White	Blue
8				Blue	White
9	Phone 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		Wood Grain	None		
17			KS-19945, L9	White	Blue
18			KS-19945, L10	Blue	White
19			KS-19681, L9	White	Blue
20			KS-19681, L10	Blue	White
21	Shelf with Cutout in Backplate	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		Blue	KS-19681, L9	White	Blue
32			KS-19681, L10	Blue	White
33			KS-19945, L9	White	Blue
34			KS-19945, L20	Blue	White
35			None		

See notes at end of table.

TABLE A (Contd)

KS-19945 LIST NUMBERS AND DESCRIPTION

LIST NO.	DESCRIPTION	SHELF COLOR	SIGN FURNISHED (NOTES 1 AND 2)	COLOR OF SIGN LETTERS	COLOR OF SIGN BACKGROUND
36	Shelf with Cutout in Backplate (Contd)	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

Note 1: The KS-19681, List 9 or 10 illuminated sign can be ordered separately. Refer to Fig. 7 for component parts.

Note 2: KS-19681, List 11 (Charge-a-Call) blue background with white graphics and List 12 (Charge-a-Call) white background with blue graphics, ordered separately. For use with 10A coinless telephone set.

minated sign with white letters on blue background, and a black backboard. (This is for a new installation.)

1—Shelf, KS-19945, List 1

1—178A-3 backboard

Example II—A blue shelf with cutout in backplate; nonilluminated sign with blue letters on white background. (This is for installing over an existing 1-type coin telephone set or 10A coinless telephone set.)

1—Shelf, KS-19945, List 34.

3. INSTALLATION

A. New Installation Using A Shelf With Solid Backplate

Danger: Use eye protection while drilling.

3.01 Install a 174A (MD) 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 along side of backboard 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 (MD) backboard.

3.02 Install one 1/4-20 by 5/8 round head machine screw (furnished with coin or coinless 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. 3) 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 round head machine 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.

TABLE B
FASTENERS USED IN MOUNTING BACKBOARDS

MOUNTING SURFACES					HOLE SIZE REQUIRED	FASTENERS	
SOFT-WOOD	HARD-WOOD	MASONARY (CONCRETE, BRICK) (NOTE 1)	LATH AND PLASTER (NOTE 2)	PLASTER, CINDER BLOCK, HOLLOW-TILE, METAL LATH, PLASTER, BOARD		QUANTITY (NOTE 3)	SIZE AND TYPE (NOTES 4 AND 5)
•					1/8 or No. 30	8 minimum	1-3/4 inch No. 14 RH tapping screw or RH wood screw
	•						1-1/4 inch No. 14 RH tapping screw or RH wood screw
		•			1/2		1/1-20 by 1-1/2 inch RH machine screw in 1/4 by 1-1/4 inch expansion shield
			•		1/8 or No. 30	7 minimum	1-3/4 inch No. 14 RH tapping screw, secure in stud
				•	3/4		1/4 by 4-inch RH toggle bolt

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

Note 2: When mounting on plasterboard, plaster on lath, etc. fasteners must be embedded in stud at least 1 inch.

Note 3: Additional fasteners may be placed to ensure mounting.

Note 4: When using toggle bolts, cut off excess length.

Note 5: Size shown for wall screw anchors is diameter only. Length will be determined by wall thickness.

3.06 Install 1A/1C/1D/1E-type coin telephone set in accordance with Section 506-410-400 or a 10A coinless telephone set in accordance with Section 506-500-100.



Security studs must be used. They will go through shelf and backboard (Fig. 3).

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

B. New Installation Using A Shelf With Cutout in Backplate

3.08 Repeat paragraphs 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. 4). 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.

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

3.13 Install cover unit assembly over set.

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 (MD)	47-5/8 inches	35-5/8 inches

- 3.14 Install sign per paragraphs 3.18, 3.19, 3.20, or 3.21.
- 3.15 If required, install directory hanger per paragraph 3.22.
- C. **Installation Over A Set that Was Previously Installed On A Backboard Without A Shelf**
- 3.16 Remove cover unit assembly from coin set.

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

SIGNS

A. KS-19945 Nonilluminated "Charge-a-Call"

3.18 The Lists 7 and 8 signs (Fig. 5) are adhesive backed plastic. To install, peel off the paper backing and stick on.

B. KS-19945 Nonilluminated "Phone"

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

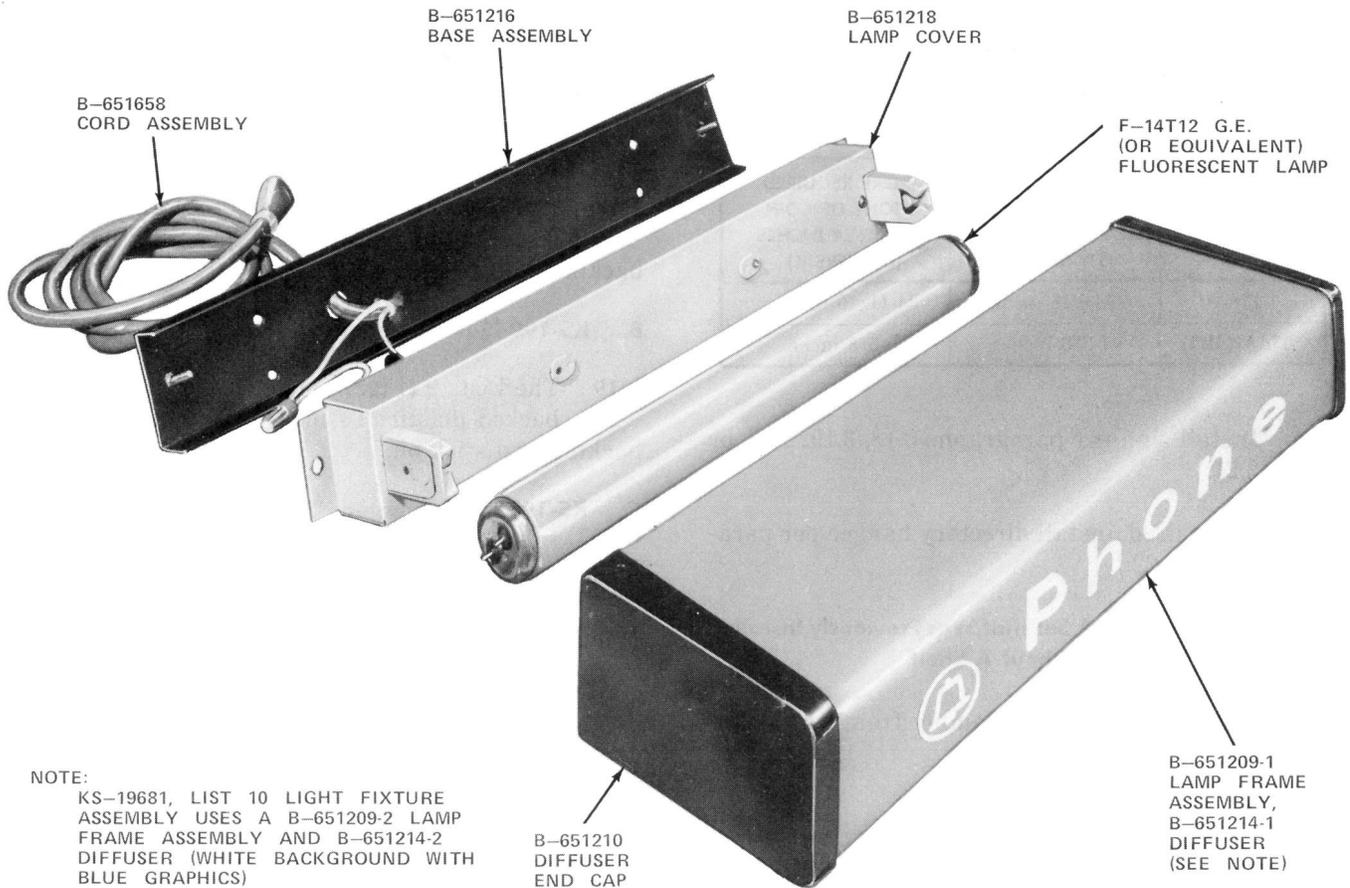
C. KS-19681 Illuminated "Phone"

3.20 The Lists 9 and 10 light fixture (signs) are furnished with certain KS-19945 list number shelves, refer to Table A. Install these signs as follows.

- (1) Place power cord of light fixture through round hole at top of shelf.

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 washer
		•			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



NOTE:
KS-19681, LIST 10 LIGHT FIXTURE ASSEMBLY USES A B-651209-2 LAMP FRAME ASSEMBLY AND B-651214-2 DIFFUSER (WHITE BACKGROUND WITH BLUE GRAPHICS)

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

- (2) Place light fixture in bracket slots and slide to the right.
- (3) Install tamper resistant screw furnished with light fixture through base of light fixture at top center of bracket using a KS-19192, List 1 wrench.
- (4) Plug light fixture power cord into wall socket.

- (2) Place light fixture in bracket slots and slide to right.
- (3) Install tamper resistant screw furnished with light fixture through base of light fixture at top center of bracket using a KS-19192, List 1 wrench.
- (4) Plug light fixture power cord into wall socket.

D. KS-19681 Illuminated "Charge-a-Call"

3.21 The Lists 11 and 12 light fixtures (signs) (Fig. 8) must be ordered separately and installed with a 10A coinless telephone set as follows.

- (1) Place power cord of light fixture through round hole at top of shelf.

DIRECTORY HANGERS

3.22 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.

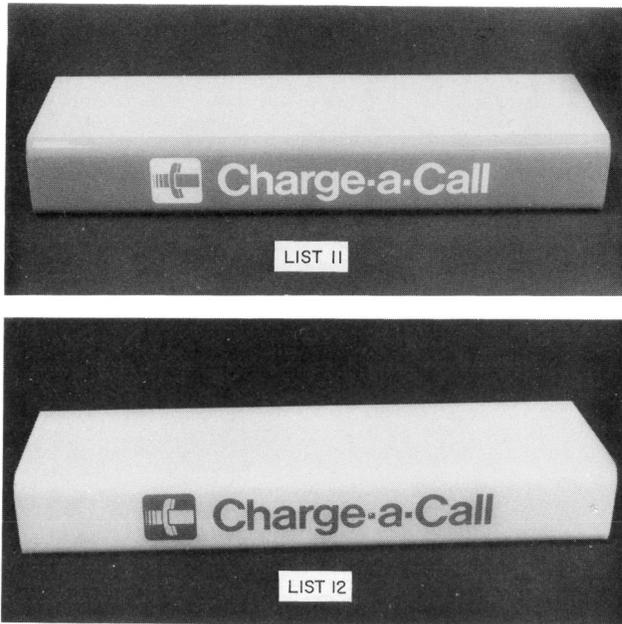


Fig. 8—KS-19681, Lists 11 and 12 Light Fixture Assembly (Diffuser)