

42

## KS-21571 DELUXE WEDGE PUBLIC TELEPHONE SHELF IDENTIFICATION, INSTALLATION, AND MAINTENANCE

### 1. GENERAL

1.01 This section provides information for the identification, installation, and maintenance of the KS-21571 public telephone shelf (Fig. 1 through 3) which is a wedge-shaped wall mount intended for indoor use.

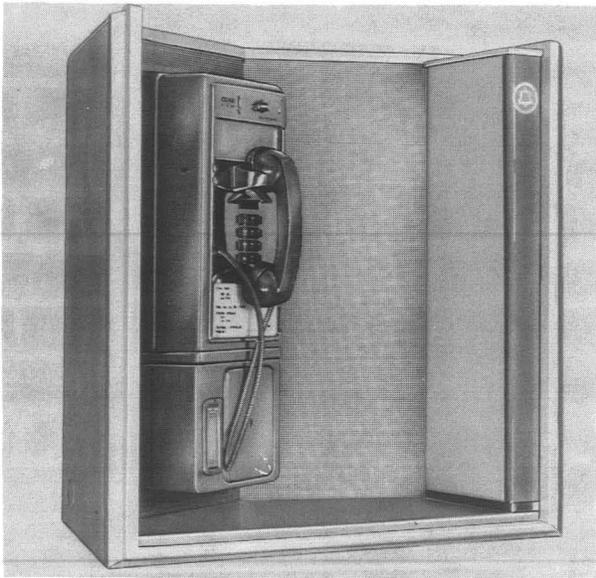


Fig. 1—KS-21571 Public Telephone Shelf With 1-Type Set and Fluorescent Lamp

1.02 This section is reissued to:

- (a) Show KS-21571, Lists 2, 3, 4, 6, and 8 manufacture discontinued (MD)
- (b) Add information on Lists 1A, 5A, and 7A shelves
- (c) Change Fig. 3 and 5

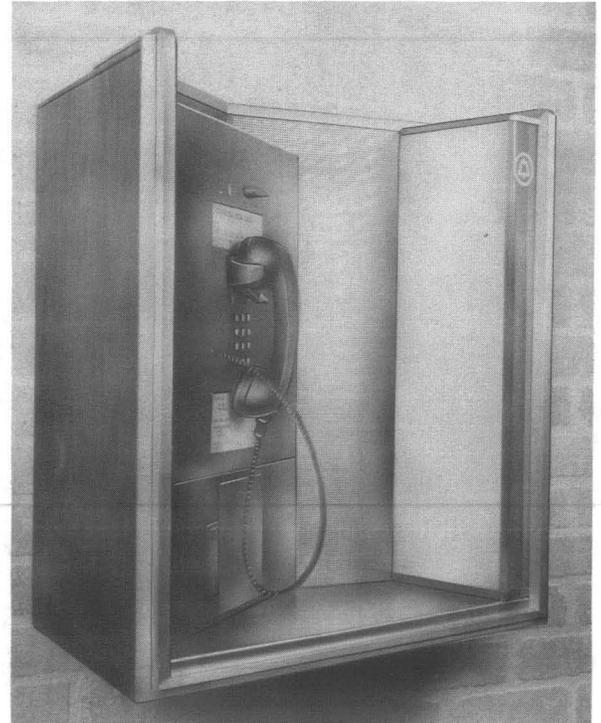


Fig. 2—KS-21571 Public Telephone Shelf With 2-Type Set and Fluorescent Lamp

(d) Change title.

Revision arrows are used to emphasize the more significant changes.

- 1.03 A KS-21571 shelf can be installed singly or in side-by-side multiples.
- 1.04 The shelf is designed to be surface mounted only.
- 1.05 The Lists 1, 2 (MD), 5, and 6 (MD) shelves will accept a 1-type coin telephone set or a

### NOTICE

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

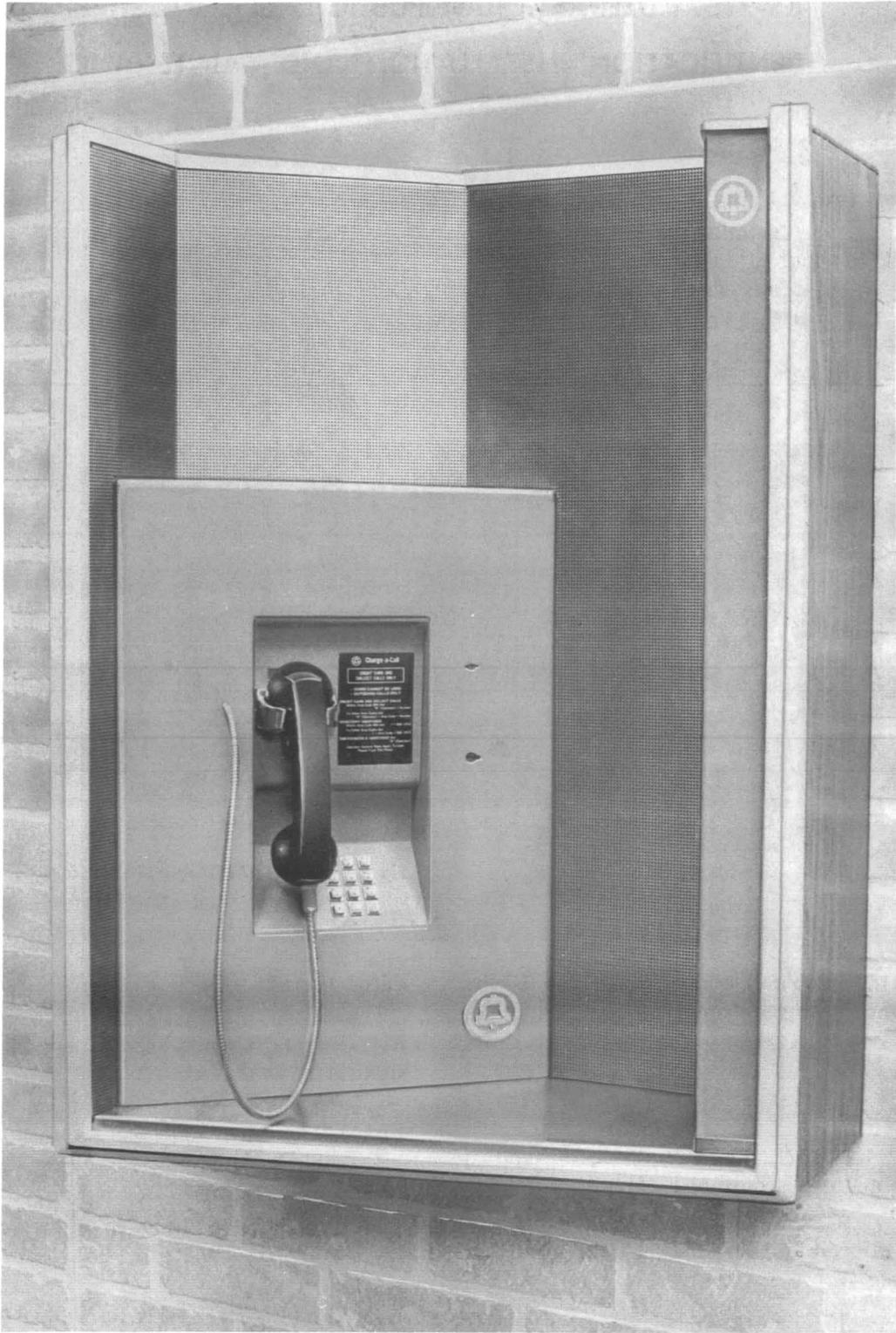


Fig. 3—KS-21571, List 7A Public Telephone Shelf With 20-Type Set and Fluorescent Lamp

10-type coinless telephone set in the left-rear corner.

**1.06** The Lists 3 (MD), 4 (MD), 7, and 8 (MD) shelves will accept a 2-type coin telephone set or a coinless telephone set in the left-rear corner.

**1.07** The Lists 1A (Fig. 5) and 5A shelves are 10 inches taller than the basic design shelf and will accept a 1-type coin telephone set or a 10-type coinless telephone set in the left-rear corner.

**1.08** The List 7A shelf is 10 inches taller than the basic design shelf and will accept a 2-type coin telephone set or a 20-type coinless telephone set in the left-rear corner.

## 2. IDENTIFICATION

**2.01** The overall dimensions of the shelf are as follows:

- Height, Lists 1, 2 (MD), 3 (MD), 4 (MD), 5, 6 (MD), 7, and 8 (MD) shelves — 26-3/8 inches
- Height, Lists 1A, 5A, and 7A shelves — 36-3/8 inches
- Width — 24-3/4 inches
- Depth — 16 inches at the wide end, 8 inches at the narrow end
- Weight — approximately 52 pounds (Lists 1, 5, and 7) and 58 pounds (Lists 1A, 5A, and 7A).

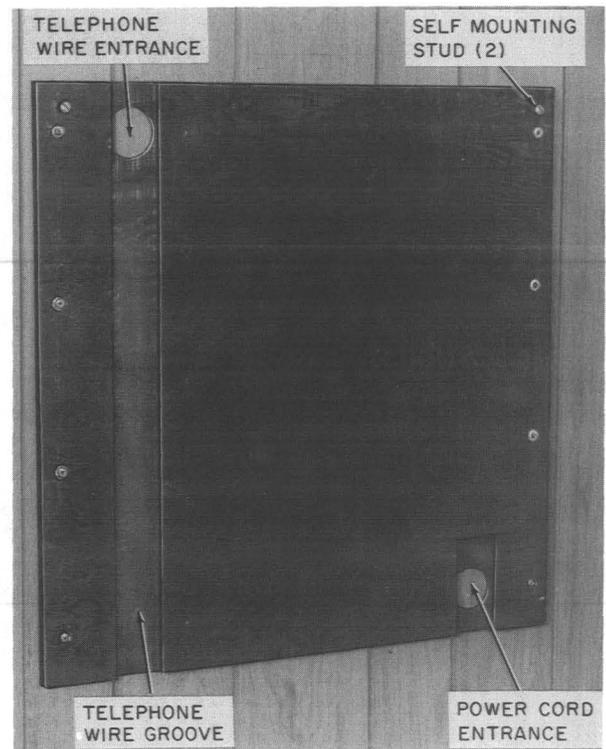
**2.02** The basic shelf assembly includes the following:

- Wooden backboard (Fig. 4) (for mounting shelf to wall)
- Aluminum housing
- Stainless steel writing shelf
- Perforated stainless steel interior panel backed with acoustical material
- Vinyl exterior end panels and top

- Aluminum trim bezel
- KS-19425, List 22 power cord assembly
- KS-20194, List 21 fluorescent light fixture
- Plastic light diffuser.

**2.03** An electrical receptacle is provided in the lower portion of each shelf housing behind the diffuser. The lamp cord, and if applicable, the adjacent shelf cord is plugged into the receptacle. From this receptacle box there is a 5-foot plug-ended electrical cord (KS-19425, List 22) for plugging into a power socket.

**2.04** The wooden backboard (Fig. 4) is designed with two 2-inch diameter holes, one in the upper left corner for telephone wire entrance and one in the lower right corner for power cord. The grooves are provided for wire runs.



**Fig. 4—Wooden Backboard for KS-21571 Shelf**

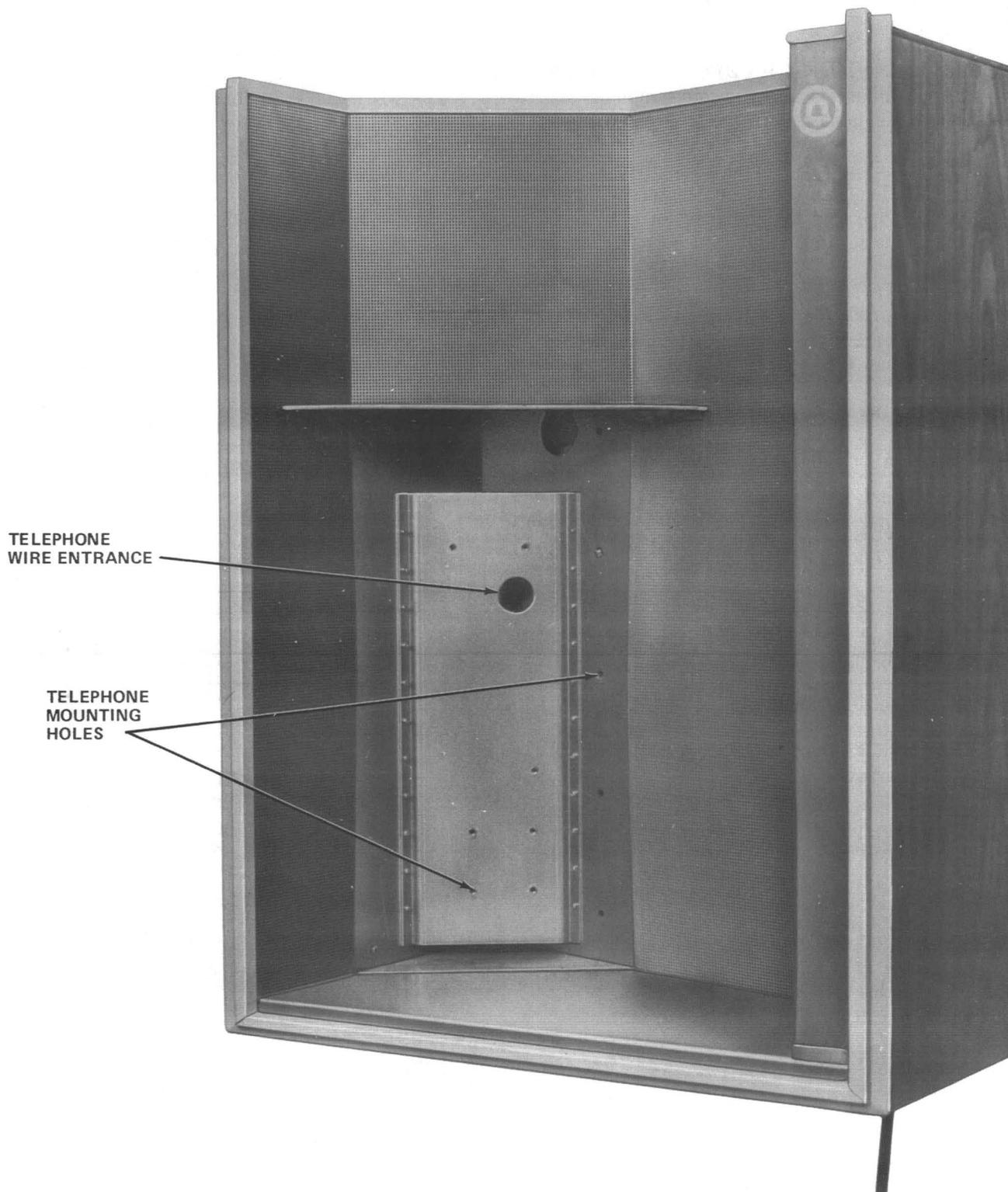


Fig. 5—KS-21571, List 7A Public Telephone Shelf

2.05 Optional equipment includes the KS-20030, List 5 directory hanger which is a single binder with clockwise rotation.

#### ORDERING INFORMATION

2.06 Various models of the shelf are available as follows:

- KS-21571, List 1 — Light gray finish **with** light fixture — for a 1-type coin telephone set or 10-type coinless telephone set — comcode 401774120
- KS-21571, List 2 ♦(MD)♦ — Light gray finish **without** light fixture — for a 1-type coin telephone set or 10-type coinless telephone set — comcode 401886601
- KS-21571, List 3 ♦(MD)♦ — Light gray finish **with** light fixture — for 2-type coin telephone set or 20-type coinless telephone set — comcode 401968136
- KS-21571, List 4 ♦(MD)♦ — Light gray finish **without** light fixture — for 2-type coin telephone set or 20-type coinless telephone set — comcode 401968144
- KS-21571, List 5 — Heritage walnut finish **with** light fixture — for 1-type coin telephone set or 10-type coinless telephone set — comcode 401774427
- KS-21571, List 6 ♦(MD)♦ — Heritage walnut finish **without** light fixture — for 1-type coin telephone set or 10-type coinless telephone set — comcode 401886619
- KS-21571, List 7 — Heritage walnut finish **with** light fixture — for 2-type coin telephone set or 20-type coinless telephone set — comcode 401968151
- KS-21571, List 8 ♦(MD)♦ — Heritage walnut finish **without** light fixture — for 2-type coin telephone set or 20-type coinless telephone set — comcode 401968169
- ♦KS-21571, List 1A — Light gray finish **with** light fixture — for 1-type coin telephone set or 10-type coinless telephone set — comcode 402632129
- KS-21571, List 5A — Heritage walnut finish **with** light fixture — for 1-type coin

telephone set or 10-type coinless telephone set — comcode 402632137

- KS-21571, List 7A — Heritage walnut finish **with** light fixture — for 2-type coin telephone set or 20-type coinless telephone set — comcode 402632145.♦

**Note:** The directory hanger must be ordered separately.

#### 3. INSTALLATION

3.01 The shelf location should be as follows:

- Within full view of public
- Readily accessible to customer
- Free of such hazards as broken or uneven flooring.

3.02 Ensure that the wall will provide a secure mounting for the shelf.



**Refer to Section 506-410-400 for obtaining a vertical surface.**

3.03 The wooden backboard has eight holes for mounting to a wall. If additional holes are required, the wall will determine the location of the new holes to be drilled.

**Note:** If a shelf is to be installed in a corner, allow 1 inch from adjacent wall to edge of backboard to accommodate the shelf housing when it is mounted over the backboard.

3.04 Refer to Fig. 6 and mark the position on the wall for backboard.

3.05 Use the backboard as marking template as follows:

- (1) Mark the location for the eight mounting holes.
- (2) If telephone wire entrance is from rear, mark location for this entrance.
- (3) If an electrical receptacle is to be located behind backboard, mark center point for this receptacle.

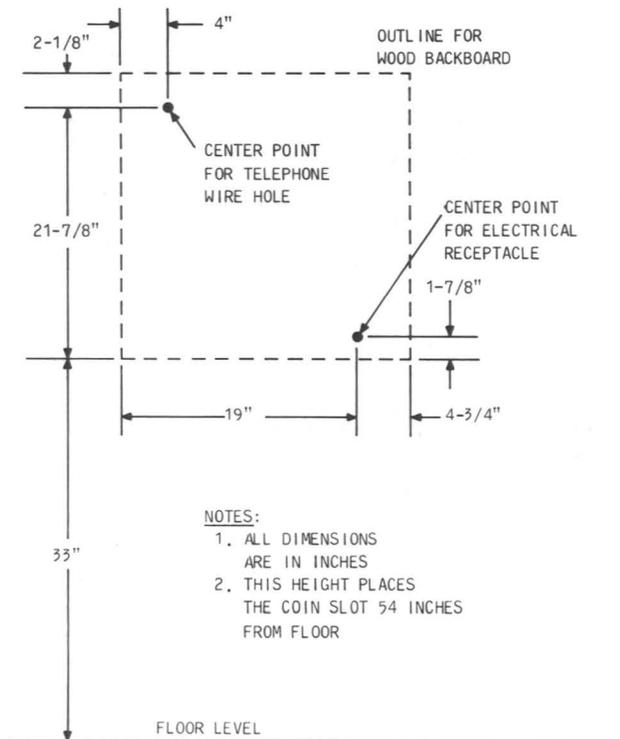


Fig. 6—Locating Backboard on Wall

- 3.06 Lay backboard aside and drill mounting holes per Table A.
- 3.07 If required, cut hole and have electrical receptacle installed flush mounted.
- 3.08 Using hardware per Table A, install backboard on wall with groove facing out.
- 3.09 Install shelf to backboard as follows:

**Note:** The shelf is shipped completely assembled. The light diffuser must be removed before the shelf can be installed.

- (1) Using KS-19192, List 1 wrench, remove the two flathead security screws from top coverplate.
- (2) Remove coverplate.
- (3) Lift diffuser up and out.
- (4) The shelf has two keyhole slots in the rear of housing. Utilizing these keyhole slots, hang

the shelf on the two studs provided in the wooden backboard.

- (5) Secure the housing to backboard using nine 1/4-20 by 1 roundhead machine screws which are furnished.

3.10 Telephone wire can be run into shelf from below or above, utilizing the groove in wooden backboard.

3.11 Install coin telephone set per Section 506-410-400 or TOP 506-410-402. Use 834080616 security studs when installing a set.

3.12 If applicable, plug electrical cord into wall socket. Store excess cord in space between the writing shelf and bottom coverplate.

3.13 Install diffuser on shelf and secure it with the coverplate removed in paragraph 3.09(2). Use KS-19192, List 1 wrench and two security screws.

#### MULTIPLE INSTALLATIONS

3.14 Allow 1-inch spacings between wooden backboards when shelves are installed in multiples.

3.15 Knockouts are provided in both sides of each housing for running electrical cord from shelf-to-shelf. Run electrical cord between the writing shelf and bottom coverplate.

#### DIRECTORY HANGER

3.16 Mounting holes are provided under the shelf for a KS-20030, List 5 directory hanger. Refer to Section 508-710-102 for additional information on the directory hanger.

#### 4. MAINTENANCE

4.01 The local telephone company shall establish the appearance standards of all exposed surfaces.

4.02 The local telephone company shall establish the safety standards for all public telephone shelves.

4.03 Replace any part of the shelf which does not meet local telephone company standards.

**TABLE A**  
**FASTENERS USED FOR MOUNTING BACKBOARD**

MOUNTING SURFACE	HOLE SIZE REQUIRED IN WALL	SIZE AND TYPE FASTENER
Softwood or Hardwood	9/64 or No. 27	1-3/4 inch No. 16 flathead tapping screw
Masonry* (Concrete, Brick)	5/8 inch	5/16 by 2-inch expansion shield with 5/16 by 2-3/4 inch machine screw
Lath and Plaster†	9/64 or No. 27	2-3/4 inch No. 16 flathead screw (fastener must be embedded in stud 1 inch)
Plaster, Cinder Block Hollow Tile, Metal Lath, Plasterboard	1 inch	5/16 by 4-inch flathead 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.

‡ When using toggle bolts, cut off excess length.

**DANGER:** ⚠ *Some fluorescent light ballasts contain hazardous polychlorinated biphenyls (PCBs). Unless the ballast is specifically labeled "No PCBs on Ballast," it must be assumed to be hazardous and disposed of in accordance with local regulations.*

**4.04** Inspect the approach to the shelf and ensure that it is free of all hazards.

**4.05** Clean shelf in accordance with Section 508-100-101.

**4.06** Refer to Table B for replacement parts.

**TABLE B**  
**PLACEMENT PARTS**

NAME	PART NO.	REMARKS
Cover	B-994842	Covers top of light diffuser
Diffuser	B-994838	Covers light fixture
Lamp	GE No. F20T12 (or equivalent)	2-foot long, 20 watts, cool white
Light Fixture	KS-20194, List 21	Includes lamp
Power Cord	KS-19425, List 22	For running power in multiple installations