

## COIN TELEPHONE SHELF KS-21571 DELUXE WEDGE

### 1. GENERAL

1.01 The KS-21571 coin telephone shelf (Fig. 1 through 3) is a wedge-shaped wall mount intended for indoor use.

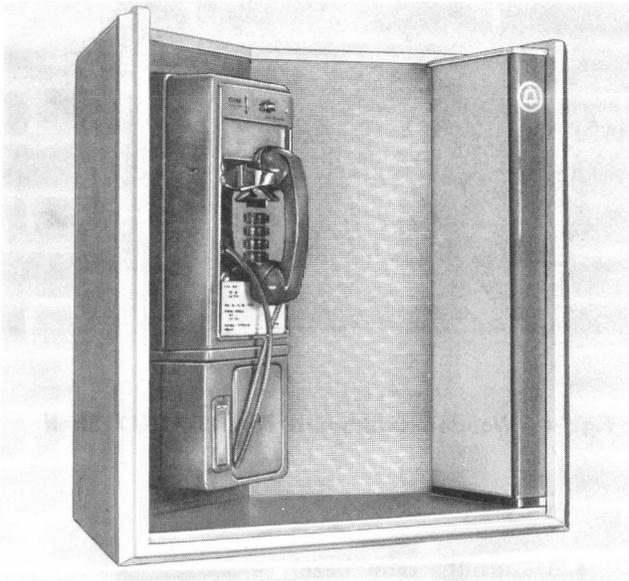


Fig. 1—KS-21571 Coin Telephone Shelf With 1-Type Set and Fluorescent Lamp

- 1.02 This section is reissued to add information on Lists 3, 4, 7, and 8 shelves.
- 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, 5, and 6 shelves will accept a 1-type coin telephone set in the left rear corner.

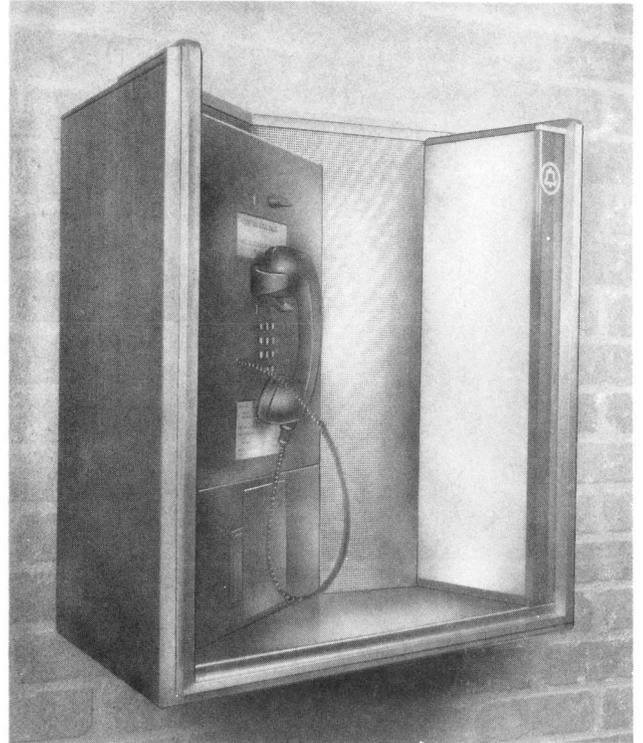


Fig. 2—KS-21571 Coin Telephone Shelf With 2-Type Set and Fluorescent Lamp

- 1.06 The Lists 3, 4, 7, and 8 shelves will accept a 2-type coin telephone set in the left rear corner.
- 1.07 Shelves are available with or without fluorescent lamps.

### 2. IDENTIFICATION

- 2.01 The overall dimensions of the shelf are:
- Height—26-3/8 inches
  - Width—24-3/4 inches

### NOTICE

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

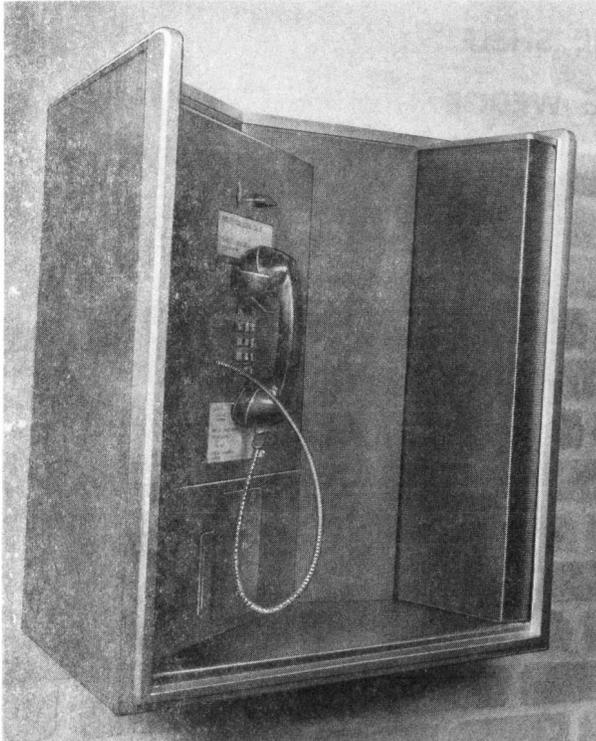


Fig. 3—KS-21571 Coin Telephone Shelf With 2-Type Set and No Lamp

- Depth—16 inches at the wide end, 8 inches at the narrow end
- It weighs approximately 52 pounds.

2.02 The basic shelf assembly includes:

- Wooden backboard (Fig. 4) (for mounting shelf to wall)
- Aluminum housing
- KS-20194, List 21 fluorescent light fixture (Fig. 5)\*
- Plastic light diffuser\*
- Stainless steel writing shelf
- Perforated stainless steel interior panel backed with acoustical material
- Vinyl exterior end panels and top

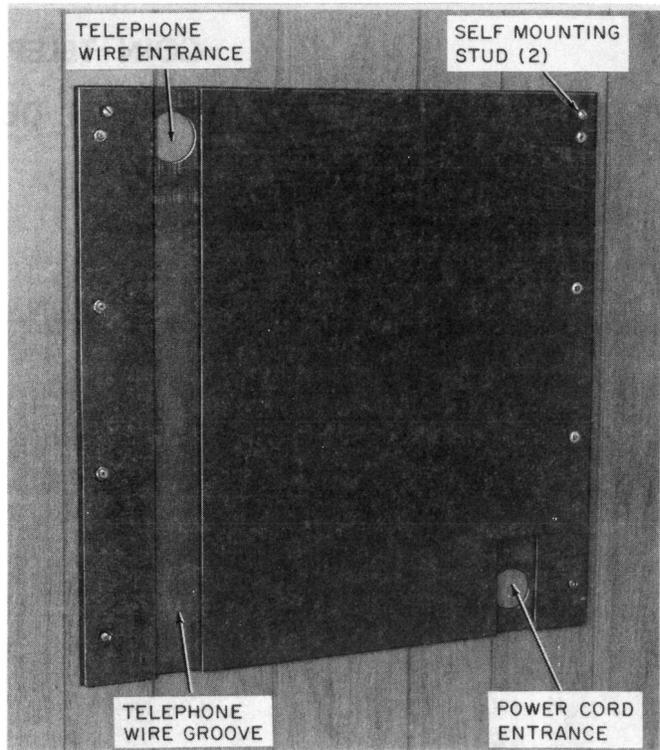


Fig. 4—Wooden Backboard For KS-21571 Shelf

- Aluminum trim bezel
- KS-19425, List 22 power cord assembly
- Security backboard for securing the coin telephone set.

\* The fluorescent light fixture, electrical cord, and plastic light diffuser are optional. If the light is not required, a perforated stainless steel panel (same shape and size as the diffuser) will cover opening in shelf (Fig. 3).

2.03 When the light fixture is present, an electrical receptacle is provided in the lower portion of each shelf housing behind the diffuser (Fig. 5). 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 upper left corner for telephone wire entrance and one in lower right corner for power cord. The grooves are provided for wire runs.

**2.05** *Optional equipment includes:*

(a) KS-20030, List 5 directory hanger:

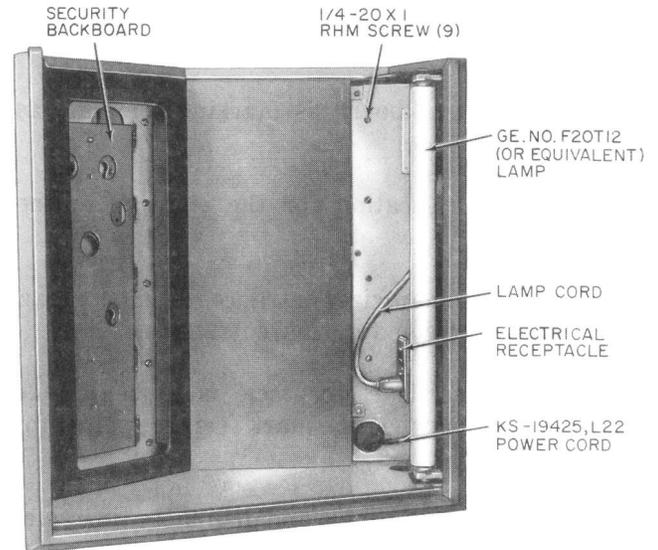
- This is a single binder with clockwise rotation.

**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—Comcode 401774120
- KS-21571, List 2—Light gray finish *without* light fixture—for a 1-type coin telephone set—401886601
- ♦KS-21571, List 3—Light gray finish *with* light fixture—for 2-type coin telephone set—401968136
- KS-21571, List 4—Light gray finish *without* light fixture—for 2-type coin telephone set—401968144♦
- KS-21571, List 5—Heritage walnut finish *with* light fixture—for 1-type coin telephone set—401774427
- KS-21571, List 6—Heritage walnut finish *without* light fixture—for 1-type coin telephone set—401886619
- ♦KS-21571, List 7—Heritage walnut finish *with* light fixture—for 2-type coin telephone set—401968151
- KS-21571, List 8—Heritage walnut finish *without* light fixture—for 2-type coin telephone set—401968169♦

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



**Fig. 5—Partial View of KS-21571 Shelf with KS-20194, L21 Light Fixture**

**3. INSTALLATION**

**3.01** *Shelf location should be:*

- 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.

**SECTION 508-255-100**

**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.

**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.

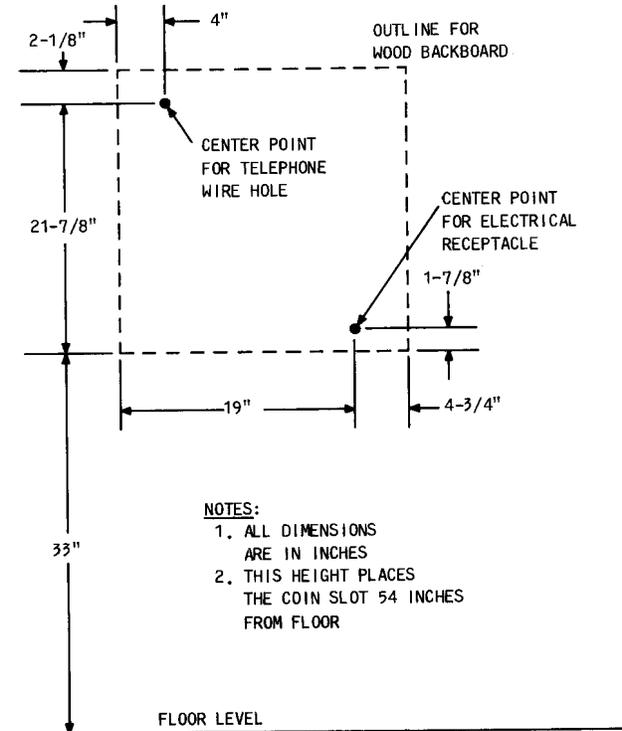
**3.08** Using hardware per Table A, install backboard on wall with groove facing out.

**3.09** Install shelf to backboard as follows:

**Note:** The shelf is shipped completely assembled. The light diffuser or perforated panel 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 or perforated cover up and out.
- (4) The shelf has two key hole slots in the rear of housing. Utilizing these key hole 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 RHM screws which are furnished.

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



**Fig. 6—Locating Backboard On Wall**

**3.11** Install coin telephone set per Section 506-410-400 or TOP 506-410-402. Use 834080616 (P-40Y061) 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 or perforated cover on shelf and secure it with the coverplate removed in 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.

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

MOUNTING SURFACE	HOLE SIZE REQUIRED IN WALL	SIZE AND TYPE FASTENER
Soft wood or Hard wood	9/64 or No. 27	1-3/4 inch No. 16 FH tapping screw
Masonry* (Concrete, Brick)	5/8	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 FH wood screw (fastener must be embedded in stud 1 inch)
Plaster, cinder block hollow tile, metal lath, plaster board	1 inch	5/16 by 4-inch FH 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.

### **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 coin telephone shelves.

**4.03** Replace any part of the shelf which does not meet local Telephone Company standards.

**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  
REPLACEMENT PARTS

NAME	PART NO.	REMARKS
Cover	B-994842	Covers top of light diffuser
Diffuser	B-994838	Covers light fixture
Lamp	G. E. No. F20T12/CW (or equivalent)	2-ft. long, 20 watts
Light Fixture	KS-20194, List 21	Includes lamp
Perforated Panel	B-462726	Can be used in place of light fixture
Power Cord	KS-19425, List 22	For running power in multiple installations