

BOOTHES AND SHELVES — INDOOR

MAINTENANCE

1.00 INTRODUCTION

1.01 This section covers the maintenance procedures for 5, 6, 10, and 11-type telephone booths and 19- and 20-type shelves.

1.02 Due to extensive changes marginal arrows have been omitted.

2.00 BOOTHS — GENERAL

2.01 The approach to the booth and shelf shall be free of all hazards.

2.02 Clean the external surfaces which are not badly scratched or marred with a mild detergent and warm water. After drying, the wood surface should be polished with furniture polish or an approved equivalent.

2.03 When the condition of the external surface is such that cleaning would not be sufficient, the surface should be sanded and finished according to local instructions.

2.04 The air space between the ceiling and the roof should be kept free of excessive dust and dirt.

3.00 DOOR

The door shall operate freely throughout its entire travel without binding or squeaking. When the door binds or squeaks, check the following items.

- See if the booth is level. Refer to the C Section entitled Booths—Indoor, Installation for proper method of leveling booths.

- Thoroughly clean inside of door tracks with KS-7860 petroleum spirits.
- When the door is equipped with a rectangular guide pin block (P-370165), remove the door guide pin and replace the rectangular guide block with a guide pin roller (P-12A332) as shown in Fig. 1. It will be necessary to relocate the felt bumper (P-12A336) 3/8 inch nearer the center of the door track. Where a guide pin requires replacement, use the P-16A400 door guide pin.
- Broken or defective wooden door stops shall be replaced using No. 8 oval head steel bronze-finished wood screws.

DOOR STOP ROLLER BUMPER GUIDE PIN

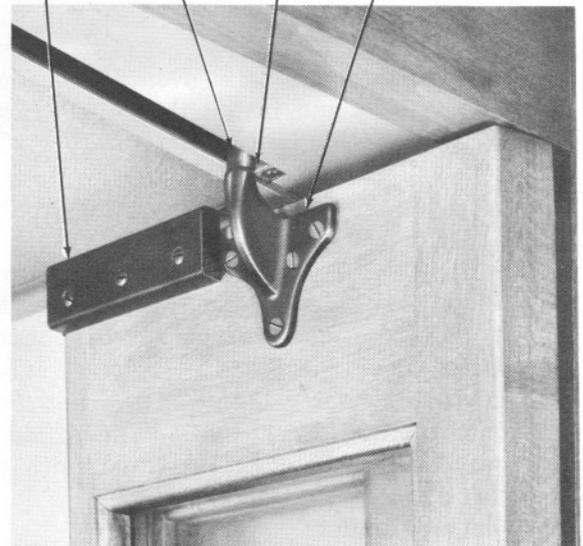


Fig. 1 — Upper Door Assembly

- When hinges are noisy or bind, lubricate each joint with KS-14774, List 2 lubricant and wipe off all excessive lubricant. Apply lubricant with KS-14796 oiler. When hinges are worn to such an extent to show 1/8-inch separation between the hinge barrels, replace the hinge.

4.00 FLOORS

- 4.01** Booth floors shall not be badly worn, torn, or otherwise defective.
- 4.02** In booths equipped with bronze tread, use the P-340285 rubber floor with the P-340286 liner.
- 4.03** In booths equipped with stainless steel tread, use the P-339595 rubber floor and the P-339839 liner.
- 4.04** To replace floor in booths with steel bases:
- Remove binder, old floor, and liner.
 - Scrape and remove residue from steel base and between oblique edge of tread and floor with a putty knife.
 - Apply adhesive EC-194 over all the surface of the base and install the liner. Press it down smoothly by treading on it.
 - Apply adhesive EC-847 on the front 12 inches of the surface of the liner.
 - Place the oblique edge of the new floor under the opened door and force the tapered edge under the tread. (Exercise care in centering floor.) Let floor fall downward into position. Back and side flaps fold upward. Press floor against liner with foot.
 - Replace binders.
- 4.05** Replace booth if tread is badly worn.

5.00 SEAT

- 5.01** Examine seat carefully as to the security of its mounting, and tighten loose screws and bolts.
- 5.02** To replace a seat, use a 101T (bronze) or a 101U (russet) for the 6- and 11-type booths, respectively.

6.00 SHELF

- 6.01** Examine shelf carefully as to security of its mounting. Tighten loose screws.
- 6.02** When replacing a shelf, use an 18E shelf in all booths.

7.00 CARD FRAME

- 7.01** Where booths are equipped with card frames, check to see if the frame is securely mounted, and replace any broken or chipped windows.
- 7.02** In locations where glass breakage is above normal, consider replacing the glass (KS-14123, List 2) with plastic (KS-14123, List 3). Where a new frame is required, order KS-14123, List 4, which is a card frame with glass, or KS-14123, List 5, which is a card frame with plastic.
- 7.03** Clean dirty windows with mild detergent and water.

8.00 BLOWER AND VENTILATOR



Before making any repairs or replacements in electrical equipment, first disconnect the plug or turn the service switch off and make sure the circuit is dead by checking with an electric wire tester or approved device.

- 8.01** Check blower and ventilator for proper operation. The blower and ventilator housing should be free of electrical contact with power wiring. The test should be made with an ap-

proved neon or ac testing device connected between the housing and a grounded part of the light fixture.

8.02 If any electrical contact is found in the above test, disconnect the power to the booth. Correct all defective wiring and replace defective blowers or ventilators.

8.03 The P-12C414 grounding wire assembly is available for grounding blower, ventilator, and coin collector housings. Installation is covered in the C Section entitled Booths—Indoor, Installation of Light Fixtures, Ventilator, and Blower.

8.04 If the rubber blades of the KS-8164 ventilator are cut or damaged they should be replaced. The blades and nose assembly may be ordered as: Detail 1A ESO-672827 rubber blade assembly for KS-8164 ventilator. To remove the nose assembly use a KS-8187 Allen wrench and turn the wrench in a clockwise direction.

8.05 Field maintenance of the KS-14125 blower is not recommended. When blower fails to function, replace it.

9.00 LIGHTING EQUIPMENT

9.01 Light fixtures having the mercury-type switch may be repaired in so far as the replacement of the switch is concerned. If trouble shows beyond the switch, replace fixture or entire ceiling assembly.

9.02 Mercury switch leads in the 215A switch or in the 3-type light fixture shall be located one on each side of the tube, outside of the spring clip fingers and inside the upright yoke members. The leads shall be taped together with a narrow strip of friction tape, near end of tube as they leave the switch, as covered in the C Section entitled Booths—Indoor, Installation of Light Fixtures, Ventilator, and Blower. Inspect the mercury switch to ensure that it is in good operating condition and that it is not cracked or its leads shorted where spliced to the tube. Replace tube, if defective.

9.03 Cracked or defective lens in the light fixture may be replaced with the proper type as shown below:

Type Fixture	Replacement Lens
1	P-347192
3A	P-347192
4A	P-389569

9.04 If the plate assembly or bezel assembly in the 3A and 4A fixtures is damaged, replace with the P-371692 plate assembly (3A) and P-339902 bezel assembly (4A).

9.05 Table A lists some additional replacement items in light fixtures:

TABLE A

COMMON REPLACEMENT PARTS

Part	Light Fixture		Quantity Required
	3-type	4-type	
Hinge	P-474638	P-339775	2
RH Machine Screw		P-210815	4
BHI Machine Screw, 0.112-40 x 1 inch	P-210816		4
Hexagonal Nut	P-210828	P-210828	4
Bracket	P-475732		1
Mercury Switch	P-470164	P-470164	1

10.00 LININGS

10.01 Metal linings not badly soiled may be polished with an approved metal polish. (Paste, Metal, Bell System.)

10.02 Soiled tempered hardboard linings should be cleaned with water and a mild detergent and polished with an approved polish. (Paste, Metal, Bell System.)

10.03 To replace linings, disconnect electric service and remove blower or ventilating fan,

door, seat, advertising frame, shelf, and subscriber set. It is recommended that coin collector be removed, in order to simplify the operation. Place wedges under separators and end panels to maintain 3/16-inch spacing. Place new lining over old lining. Install linings and replace cove moldings and other equipment in the sequence outlined in Table B.

TABLE B
REPLACEMENT SEQUENCE FOR LININGS AND EQUIPMENT

Parts and Equipment	Fasteners	
Lining, KS-14723, List 4— Right side	Parker Kalon screw nails	No. 15, 3/4-inch PFH
Lining, KS-14723, List 2— Left side		No. 15, 3/4-inch PFH
Lining, KS-14723, List 5— Rear		No. 15, 3/4-inch PFH
Vertical cove molding—Right front	Recessed (Phillips) steel wood screws	No. 6, 1-1/4 inch RH
Vertical cove molding—Left rear		No. 6, 1-1/4 inch RH
Ceiling cove moldings		No. 6, 7/8-inch, RH, P-42B363
Vertical cove molding, 25 inches long—Right rear (new)		No. 6, 1-1/4 inch RH
Vertical cove molding, 28-1/4 inches long—Right rear (new)		No. 6, 1-1/4 inch RH
Binder strips		No. 6, 1-inch RH, P-42B364
Card frame		No. 8, 1-inch FH, P-42B374
Shelf		No. 8, 1-inch, RH
Seat		Re-use old fasteners
Separator and panel		No. 9, 1-1/2 inch OH, P-42B371
Replace door, coin collector, sub- scriber set, and blower or ventilator.		Re-use old fasteners

Note: Screw heads may be touched up with biege paint to blend in with the linings.

11.00 SHELVES

11.01 Clean the surfaces which are not badly scratched or marred with a mild detergent and warm water. After drying, the surface of the 19-type shelf shall be polished with furniture polish or an approved equivalent.

11.02 Inspect security of mounting screws. Tighten loose screws; replace or relocate if tightening is not possible.

11.03 Shelf should be free of loose dirt or other objectionable material.

11.04 When the condition of the 19-type shelf is such that cleaning would not be sufficient, the surface should be sanded and finished.

11.05 If used, inspect security of staples on the 20-type shelf and correct any defects.

12.00 DIRECTORIES

Telephone directories should be in good condition. Replace directories that show signs of excessive wear or damage.