KS-14611 AIRLIGHT OUTDOOR BOOTH

IDENTIFICATION, INSTALLATION, MAINTENANCE, AND CONVERSION

1. GENERAL

1.01 The KS-14611 booth (Fig. 1) is an outdoor aluminum and glass phone booth designed for single installation only. This booth has been manufacture discontinued (MD).

1.02 This section is reissued to:

(a) Delete all information on coin collectors and subscriber sets

(b) Delete information on KS-19580, List 23 shelf assembly which is MD

(c) Add information on the KS-14611, List 110 leveling angle

(d) Delete the conversion procedure for modifying a KS-14611, List 2 booth to a KS-14611, List 3 booth.

Since this reissue is a general revision, no revision arrows have been used to denote significant changes.

1.03 The KS-19580 Airlight II Booth is a direct replacement for the KS-14611 booth (MD).

2. IDENTIFICATION

BASIC BOOTH (Fig. 2)

2.01 The KS-14611, List 3 booth is constructed of satin anodized aluminum, finished with one of the following:

- KS-14611, List 60 — Red
- KS-14611, List 61 — Blue
- KS-14611, List 62 — Green
- KS-14611, List 63 — Clear.

2.02 The overall dimensions of the booth are as follows.

- Height — 86-1/8 inches
- Width — 35-7/16 inches at roof, 33-1/2 inches at base
- Depth — 35-7/16 inches at roof, 33-1/2 inches at base.

2.03 The door consists of two vertical sections, each containing two clear safety glass panels. The door is self-closing and folds along the right wall when opened.

PANELS

A. Door, Side, and Rear Panels

2.04 Door, side, and rear panels are available as described in Table A.

B. Sign Panels

2.05 Sign panels and blanks are available as described in Table B.

C. Bottom Panels

2.06 Bottom panels are available as described in Table C.

LIGHT FIXTURE

2.07 The booth and phone signs are illuminated by a KS-19207, List 4 light fixture (see Section 508-820-100). This light fixture replaces the older B-185379 light fixture assembly.

2.08 The ceiling is equipped with a B-185369 plastic dome designed to cover the light fixture and exclude dirt and insects.

DOME STOP

2.09 The KS-20224 dome stop (Fig. 3), a spring-loaded device, is designed to mount along the

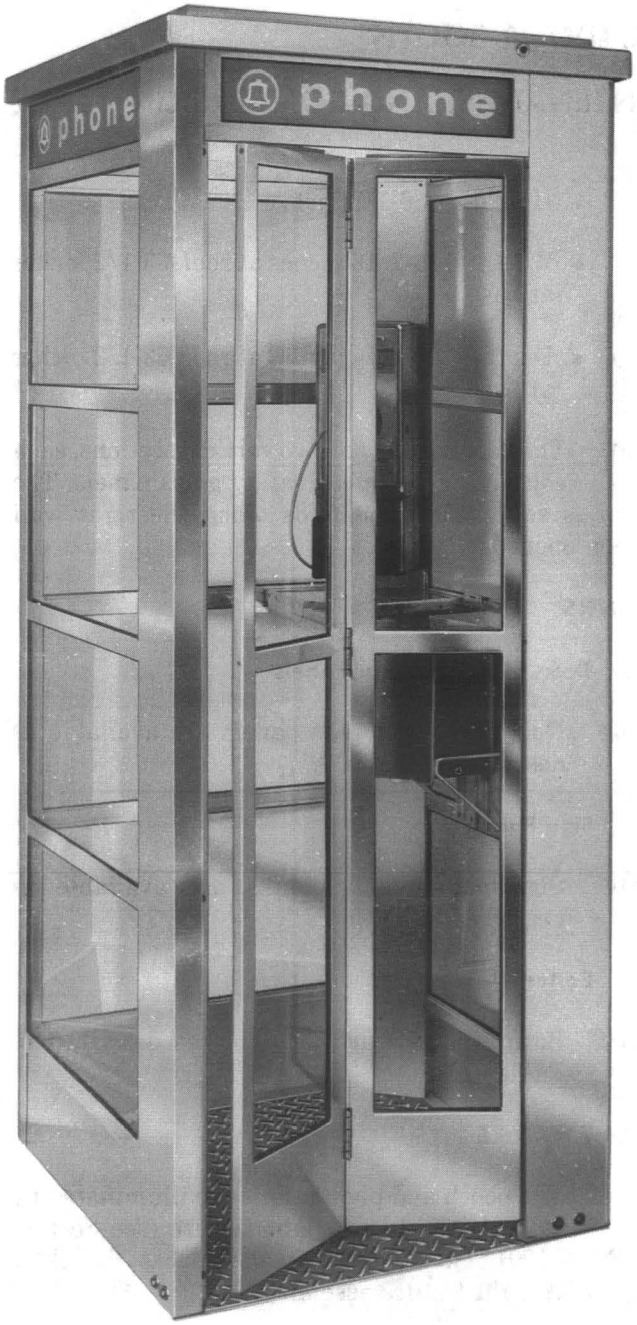

Fig. 1—KS-14611 Airlight Outdoor Booth

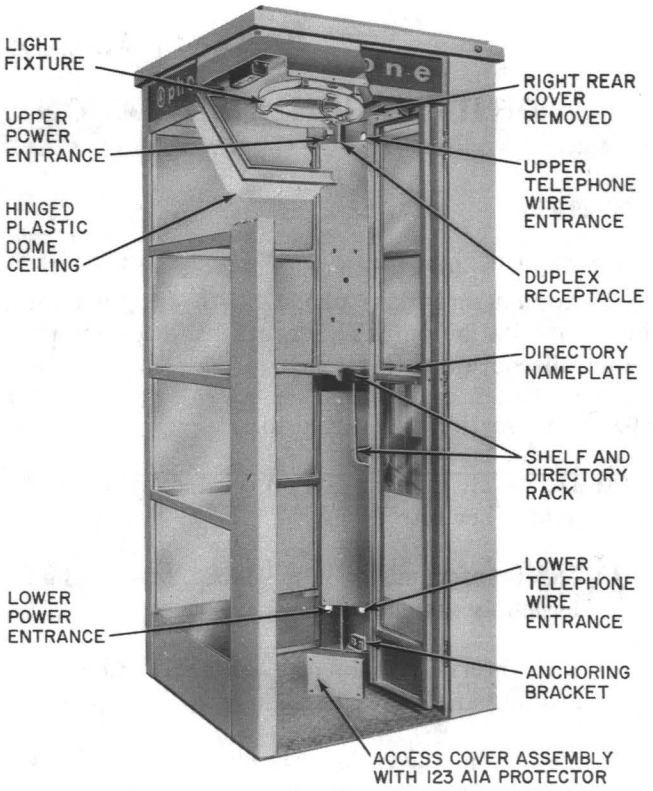

Fig. 2—KS-14611 Booth Showing Individual Features

door track (Fig. 4) to prevent the dome from falling when the fasteners are released.

2.10 To lower the dome, push up on the dome stop as shown in Fig. 5. After dome is lowered, release the stop.

LIGHT CONTROL UNIT

2.11 A KS-19261, List 1 or List 2 light control unit may be used to switch the lamps on at darkness and off at daylight (see Section 508-825-100) as follows:

(a) The KS-19261, List 1 provides automatic light control for booths equipped with KS-19207, List 4 light fixture.

(b) The KS-19261, List 2 provides automatic light control for booths equipped with B-185379 light fixture assembly.

TABLE A

DOOR, SIDE, AND REAR PANELS AND GLAZING STRIPS

SPECIFICATION NO.	LIST NO.	DESCRIPTION		LOCATION	GLAZING STRIP
KS-14611	18	Tempered Glass	7/32-inches thick	Door	B-179367-4
KS-19580	10	Tempered Glass	7/32-inches thick	Side or Rear	B-685410-3
	32	Aluminum Blank			
	93	Porcelain Enamel	Blue		B-685411-3
	94		Gray		
	95		Red		

TABLE B

SIGN PANELS AND GLAZING STRIPS

SPECIFICATION NO.	LIST NO.	DESCRIPTION		LOCATION	GLAZING STRIP
		LETTERS	BACKGROUND		
KS-14611	101	White	Blue	Front	B-179367-1
	102	Blue	White		
	105	None	White		
	106	None	Blue		
	103	White	Blue	Rear and Side	B-179367-2
	104	Blue	White		
	107	None	White		
	108	None	Blue		
	35	Solid Aluminum Blank			

WIRING

2.12 Holes at the top and bottom of the booth provide access for telephone and power wiring, permitting either overhead or underground entrances.

2.13 The right-rear column of the booth is divided into two channels; the right for telephone wiring and the left for power wiring.

2.14 Access covers (Fig. 2), located at the top and bottom of the right-rear column, provide access to the channels from inside the booth.

2.15 A 123A1A protector is mounted on one of the access covers. The cover with the protector may be mounted at either the top or the bottom. In areas subjected to snow or heavy rainfall, the upper location is recommended.

2.16 This booth is furnished wired for coin telephone set connections.

COIN TELEPHONE SET

2.17 The right-rear corner panel is designed to mount 1A-. 1C-, or 1D-type coin telephone set. No additional backboard is necessary.

TABLE C

BOTTOM PANELS

SPECIFICATION NO.	LIST NO.	DESCRIPTION	
KS-19580	38	Side	Short
	39	Rear	
	40	Side	Solid
	41	Rear	

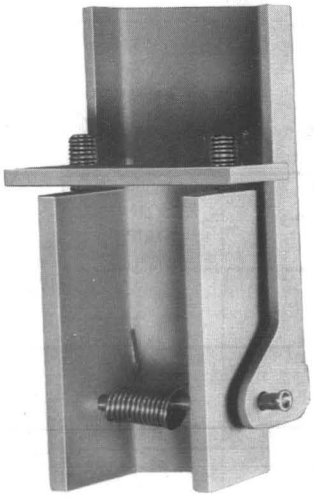

Fig. 3—KS-20224 Dome Stop

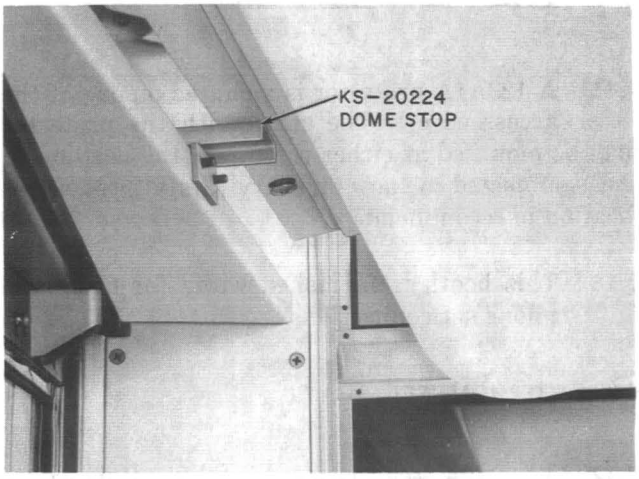

Fig. 4—KS-20224 Dome Stop Installed

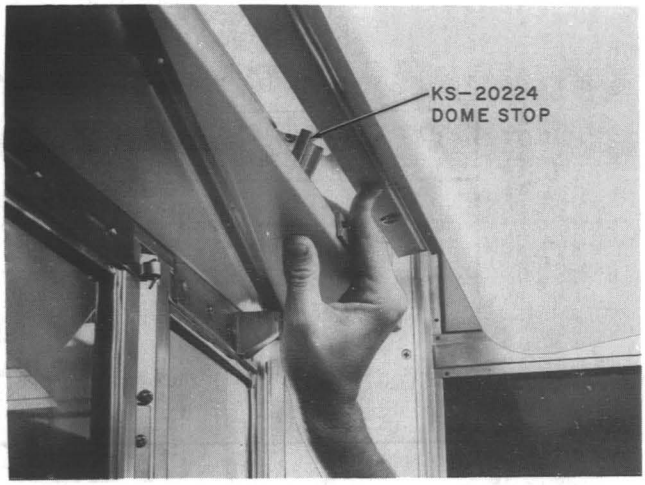

Fig. 5—Releasing Dome Stop

FLOOR

2.18 The KS-14611 booth is equipped with a B-684719-1 aluminum treadplate floor.

2.19 Four adjustable angles (Fig. 6) are provided to permit leveling and anchoring.

Note: When this booth is modified for wheelchair use, a KS-14611, List 110 leveling angle is installed at the right-front corner to replace the B-684710 angle.

SHELF AND DIRECTORY ARRANGEMENTS

2.20 Shelf assemblies, directory racks, and associated apparatus are listed in Table D and shown in Fig. 7.

SEAT

2.21 This booth is designed for standup service; however, a KS-19425, List 11 seat assembly (Fig. 8) may be used if desired.

2.22 A KS-19425, List 12 mounting plate (Fig. 8) must be used for mounting the seat.

CARD FRAME

2.23 A KS-19928, List 2 card frame is used in this booth. Refer to Section 508-811-100 for complete information on the card frame.

POWER CORD ASSEMBLIES

2.24 The KS-19580, List 30 power cord assembly (Fig. 9) is available for overhead power.

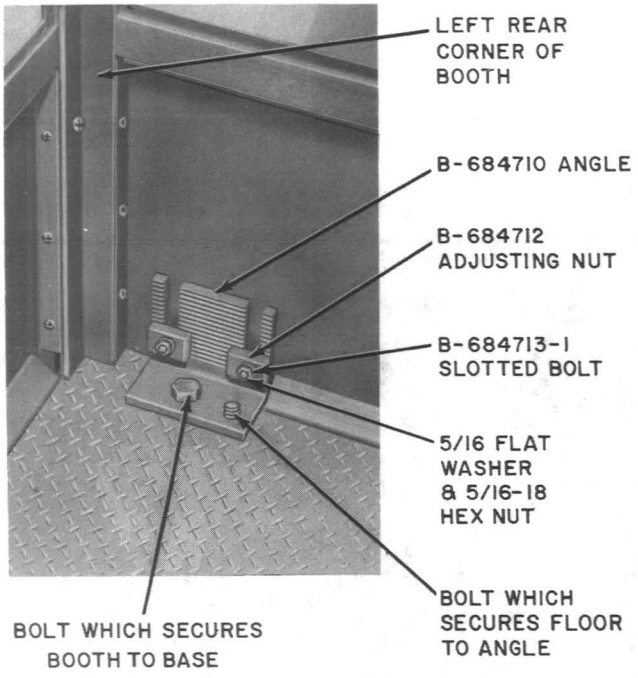

Fig. 6—Booth Anchor Bracket

2.25 The KS-19580, List 31 power cord group (Fig. 10) is available for ground level power.

3. INSTALLATION

3.01 Booth location should be as follows:

- Within full view of public
- Readily accessible to customer
- Free of such hazards as broken or uneven pavements
- Spaced with a minimum clearance of 6 inches from property lines and buildings
- Placed with as little step-up as possible and still maintaining proper drainage.

3.02 The KS-14611 booth requires anchoring at all installations.

FOUNDATION TEMPLATE

3.03 When necessary to provide a concrete base, a KS-19580, List 28 foundation template (Fig. 11) is used. Install the template as follows:

(a) Prepare a form 40-inch square with an inside depth of 10 inches (Fig. 11).

TABLE D

SHELF ASSEMBLIES, DIRECTORY RACKS, AND ASSOCIATED APPARATUS

SPECIFICATION NO.	LIST NO.	FIGURE NO.	DESCRIPTION	REMARKS
KS-19580	21	7	Shelf	Corner shelf — furnished wath all KS-14611 booths.
	22	7	Shelf Assembly	For use on rear wall.*
	24	7	Apparatus Blank	For extending writing shelf surface over unused compartment of directory rack.
	25	7	Directory Rack Assembly	Two compartment racks for holding OD-type directory binders — each compartment capable of holding one 3-inch binder.
	26	—	Nameplate Blank Assembly	3/4 inch wide by 2-3/4 inches long hard brass — used to mount on rear of directory compartment rack for placing directory information.
	27	—	Nameplate Blank Assembly	3/4 inch wide by 1-3/8 inches long hard brass — used to mount on rear of directory compartment rack for placing directory information.

* The List 22 shelf assembly may be used as a replacement for the List 23 shelf assembly (MD); however, the List 22 shelf assembly mounts in the rear of the booth whereas the List 23 shelf assembly (MD) is mounted on the right side.

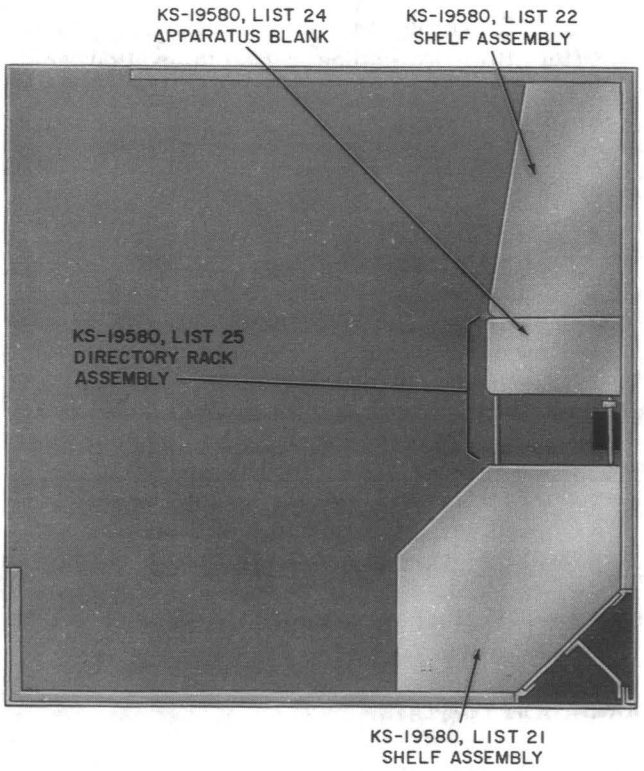

Fig. 7—Rear Wall Shelf Arrangement

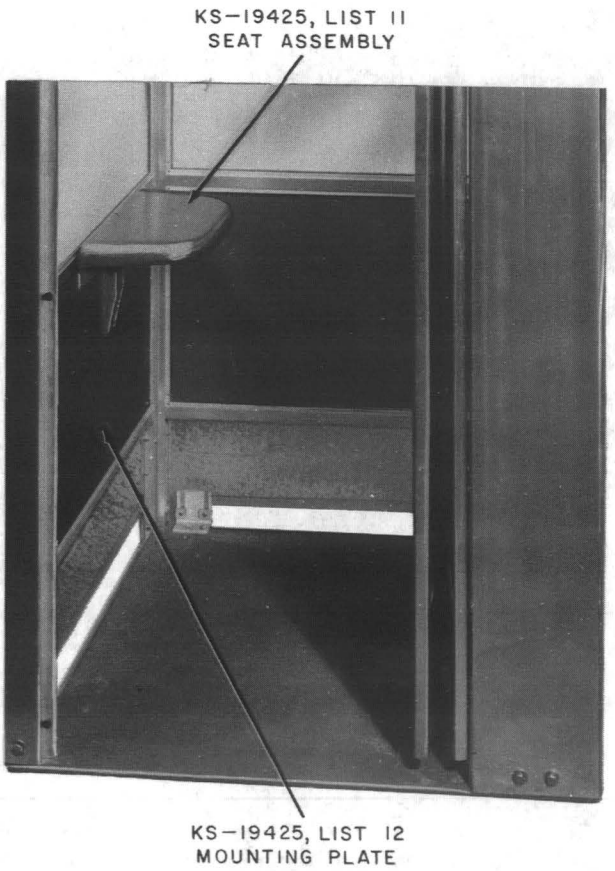

Fig. 8—KS-19425, List 11 Seat Assembly With KS-19425, List 12 Mounting Plate

(b) Tamp 6 inches of cinders or gravel in the bottom of form.

(c) Position the template in the form on wooden blocks so that the top of five mounting inserts will be flush with concrete base as shown in Fig. 11.

Nail holes are provided in the four corners of the template for fastening the wooden blocks. Use the blocks to level and support the template at the proper height.

(d) If underground power and telephone wires are to be used, provide for holes in the concrete base at the positions of corresponding holes in the template.

Do not remove screw plugs from booth mounting inserts until booth is installed. Their sole purpose is to prevent dirt from filling mounting holes.

(e) Pour concrete around the template to fill the form.

SECURING BOOTH TO MOUNTING SURFACE

3.04 Secure booth as follows:

(a) If a KS-19580, List 28 foundation template is used, remove insert plugs from template and secure angle brackets (Fig. 6) of booth to template using four 3/8-16 by 1-1/4 hex head bolts, four 3/8-inch lockwashers, and four 3/8-inch flat washers.

(b) If a KS-19580, List 28 foundation template is not used, and the booth is to be mounted on concrete, perform the following operations:

(1) Mark the locations for four mounting holes.

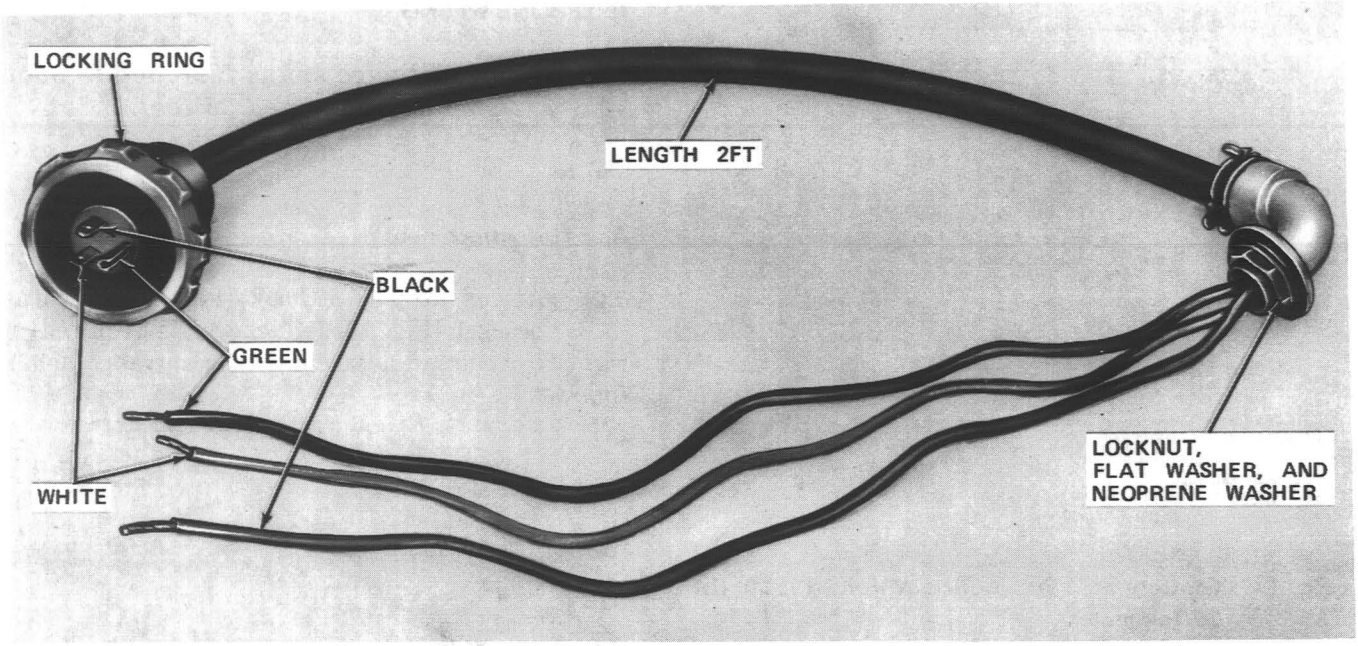

Fig. 9—KS-19580, List 30 Power Cord Assembly

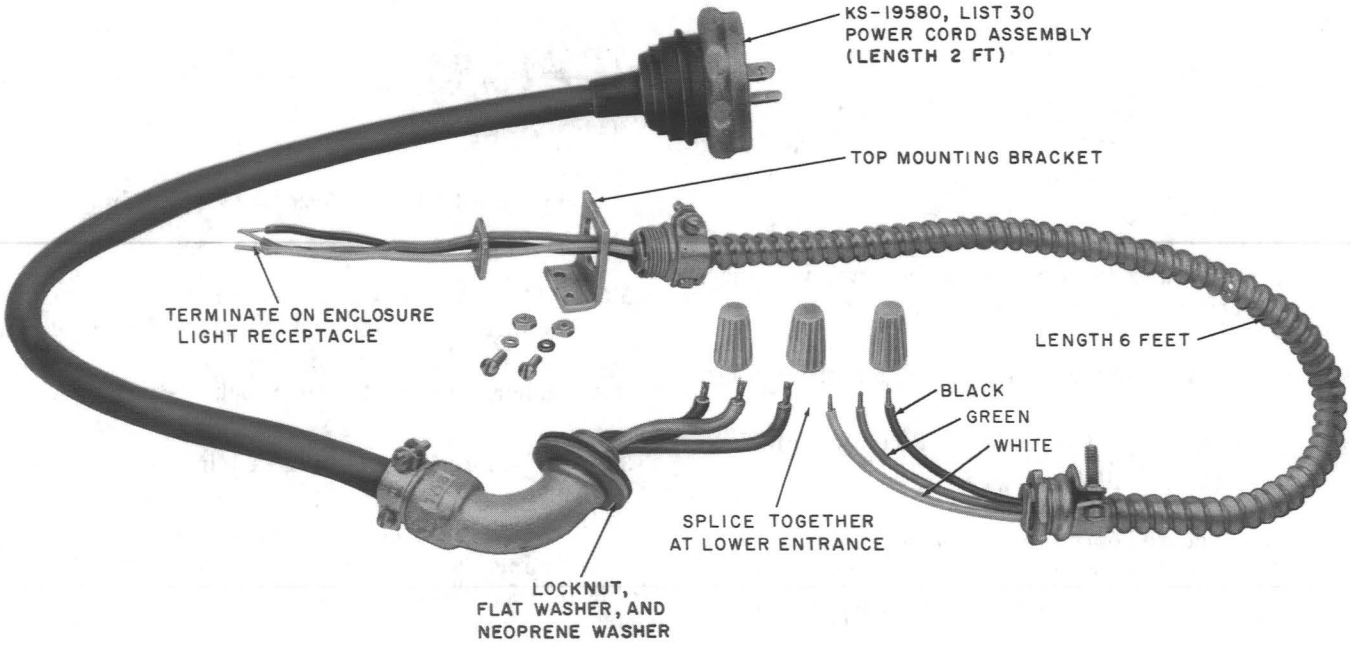

Fig. 10—KS-19580, List 31 Power Cord Group

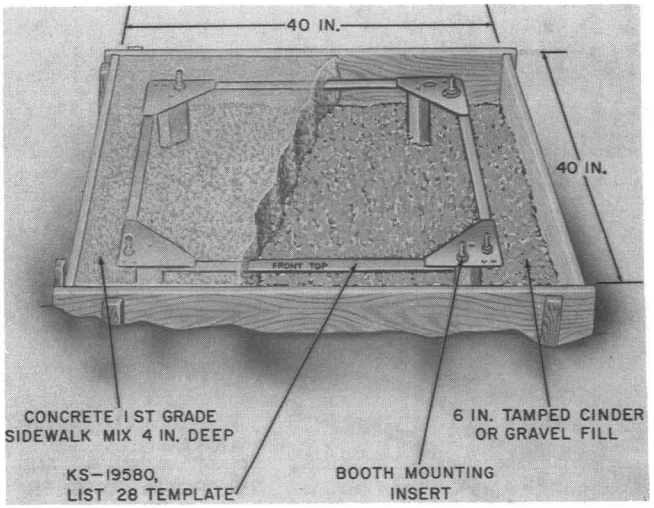

Fig. 11—Concrete Base Preparation With KS-19580, List 28 Template

(2) Drill the four holes to accept machine bolt anchors for 3/8-16 by 1-1/4 bolts. See Section on Machine Bolt Anchors.

(3) Install the anchors.

(4) Secure angle brackets of booth to fasteners using four 3/8-16 by 1-1/4 hex head bolts, four 3/8-inch lockwashers, and four 3/8-inch flat washers.

(c) If booth is to be mounted on a wooden floor, perform the following operations:

(1) Mark the location for four mounting holes.

(2) Drill four lead holes to accommodate 5/16 by 2-1/2 inch lag screws.

(3) Secure booth to floor using the four 5/16 by 2-1/2 inch lag screws, four 5/16-inch lockwashers, and four 5/16-inch flat washers.

(d) Adjust the angle brackets (Fig. 6) if necessary, and ensure that the booth is level.

DOOR REQUIREMENTS

3.05 After anchoring and leveling booth, check door operation per Part 4.

TELEPHONE WIRING

Aerial wire spans fastened to booth should not exceed 25 feet.

A. First Attachment

3.06 Attach drop wire hook (Fig. 12) or corner bracket (Fig. 13) (whichever is required) on right-rear column adjacent to the entrance hole as follows:

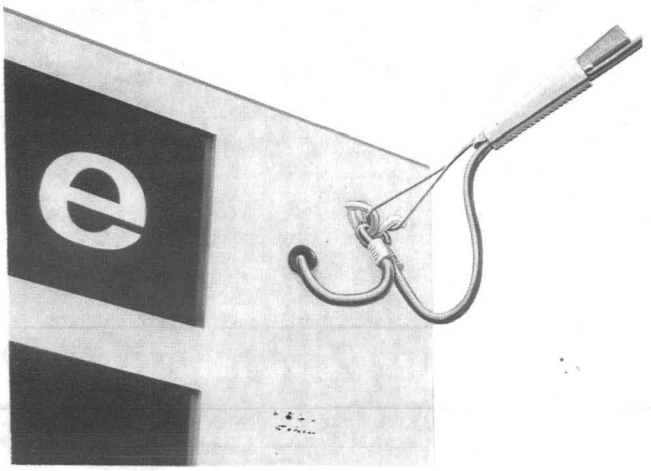

Fig. 12—Drop Wire Hook for First Attachment

3.07 ***Drop Wire Hook:*** Secure drop wire hook to clinch nut (provided with booth) using one 1/4-20 by 3/4 flathead machine screw, one 1/4-inch flat washer, and one 1/4-inch lockwasher.

3.08 ***Corner Bracket:*** Attach bracket as follows:

(1) Secure the corner bracket to the threaded clinch nut using one 1/4-20 by 3/4 Phillips roundhead machine screw.

(2) Using the bracket as a template, drill a clearance hole for another 1/4-inch screw.

(3) Further secure the bracket to the booth using one 1/4-20 by 3/4 Phillips roundhead machine screw, one 1/4-inch flat washer, one 1/4-inch lockwasher, and one 1/4-inch hex nut.

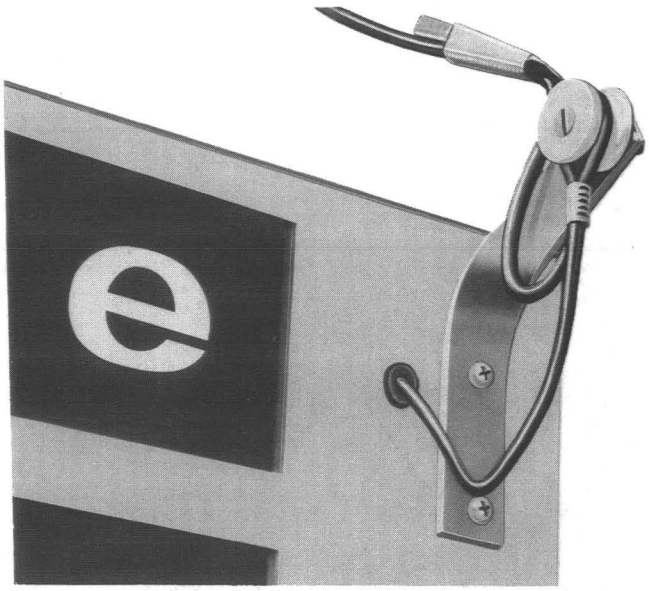

Fig. 13—Corner Bracket for First Attachment

B. Drop Wire

3.09 Feed drop wire through entrance hole and terminate on 123A1A station protector.

The protector is located in the top of the right-rear corner behind an access cover; however, it may be moved to the bottom of the right-rear corner if ground level or underground entrance is used.

The KS-14611 booth is equipped with bonding wires at both drop wire entrances. Before proceeding, check that one end is secured to the booth and the other end is terminated on the 123A1A protector.

C. Coin Station Connections

3.10 Station connection wires are furnished as shown in Fig. 14.

ELECTRICAL WIRING AND GROUNDING

3.11 Electrical wiring and grounding of the booth is covered in Section 508-100-100.

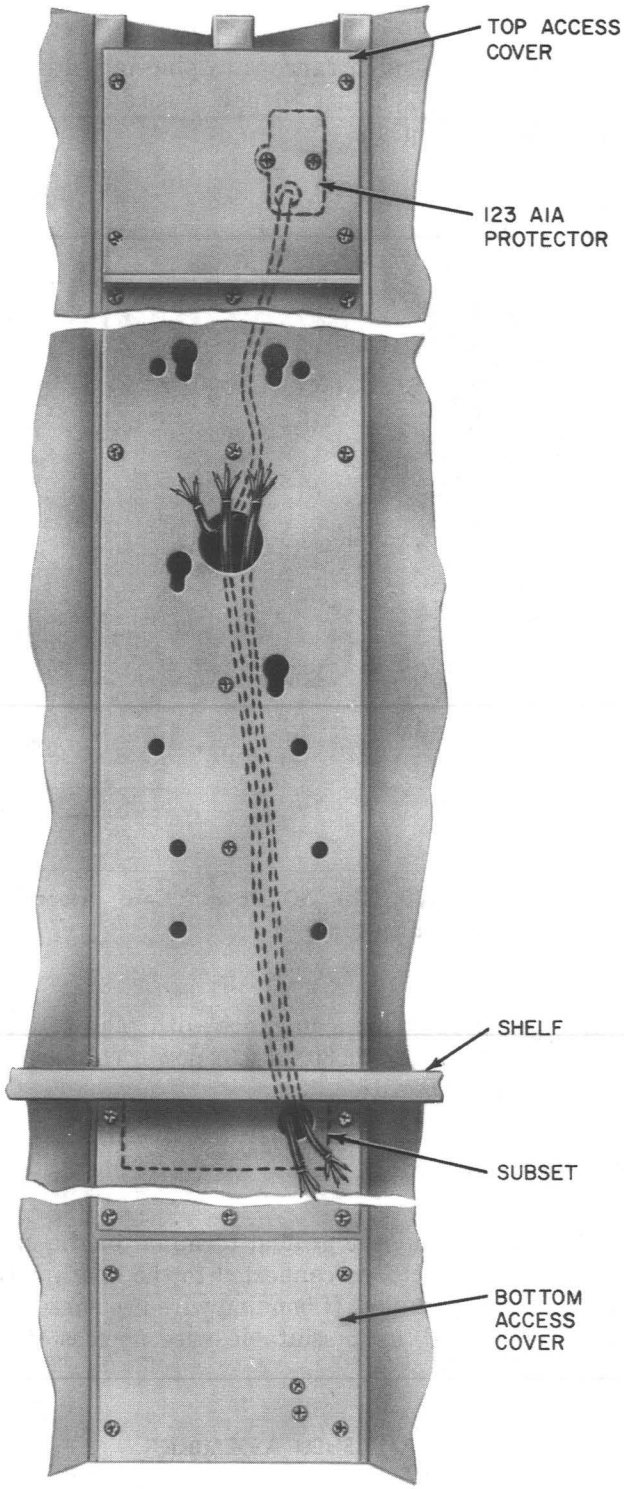

Fig. 14—Station Wiring

A. Wiring

3.12 For overhead entrance with plug-in features, use KS-19580, List 30 power cord assembly and install per Fig. 15.

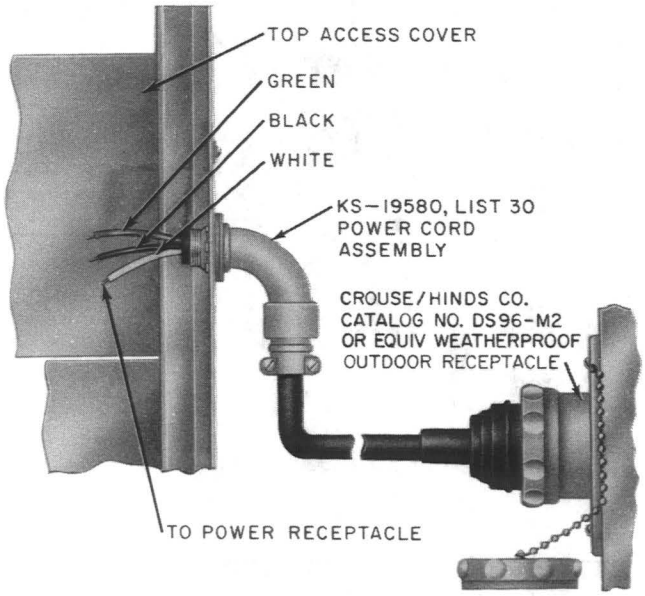

Fig. 15—KS-19580, List 30 Power Cord Assembly Overhead Entrance

3.13 For ground level entrance with plug-in features, use KS-19580, List 31 power cord group and install per Fig. 16.

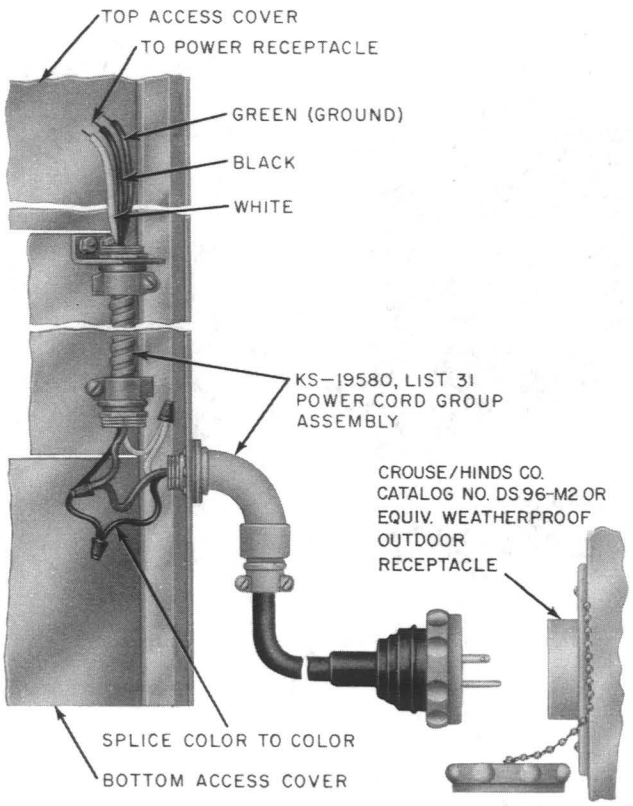

Fig. 16—KS-19580, List 31 Cable and Cord Group for Ground Level Entrance

B. Grounding

3.14 Ensure that the ground terminal of the station protector is connected to the booth with bonding wire provided. If bonding wire becomes broken or damaged, use a suitable wire no less than No. 12 AWG.

DIRECTORY RACK AND SHELF ASSEMBLIES

A. KS-19580, List 21 Shelf Assembly (Fig. 7)

3.15 Secure with four No. 10-32 by 1/2 Phillips flathead machine screws and four No. 10 countersunk washers.

B. KS-19580, List 22 Shelf Assembly (Fig. 7)

Note: The List 22 shelf assembly may be used as a replacement for the List 23 shelf (MD); however, the List 22 shelf assembly mounts in the rear of the booth whereas the List 23 shelf (MD) is mounted on the right side.

3.16 Install with four No. 10-32 by 1/2 Phillips flathead machine screws and four No. 10 countersunk washers.

C. KS-19580, List 25 Directory Rack (Fig. 7)

3.17 Install with four No. 10-32 by 1/2 Phillips roundhead machine screws, two No. 10-32 by 1/2 Phillips flathead machine screws, two No. 10 flat washers, and two No. 10 lockwashers.

D. KS-19580, List 24 Apparatus Blank (Fig. 7)

3.18 Install with two No. 10-32 by 5/8 Phillips roundhead machine screws, four No. 10 fiber washers, and two No. 10 elastic stop nuts. Hardware is furnished with apparatus blank.

E. KS-19580, List 26 Nameplate Blank Assembly (3/4 by 2-3/4 inches)

3.19 Insert pins through two outer holes at top of directory rack.

3.20 Bend pins on back side of directory rack.

F. KS-19580, List 27 Nameplate Blank Assembly (3/4 by 1-3/8 inches)

3.21 Insert one pin through one of the outer holes and the other pin through center slot at top of directory rack.

3.22 Bend pins on back side of directory rack.

SEAT ASSEMBLY

3.23 Install KS-19425, List 12 mounting plate as follows:

(a) Install the mounting plate in the same manner as a standard glass panel in the bottom position on the left side of the booth.

(b) On each corner of the KS-19425, List 12 mounting plate, install a B-650894 clip using a No. 8-32 by 3/8 roundhead machine screw. Clips and screws are furnished with the seat assembly.

Install the clips on the inside of the booth. Their purpose is to prevent the removal of retaining strips.

3.24 Install the seat assembly on the upper portion of the mounting plate using the items furnished with seat assembly and install in the sequence listed as follows:

- Four 1/4-20 by 1-1/8 carriage bolts (install with heads on outside of booth)
- Four B-650893 spacers
- Seat assembly
- Two 1/4-inch flat washers (front and rear bolts)
- Four 1/4-inch lockwashers
- Four 1/4-20 cap nuts.

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 booths.

4.03 All screws threaded into aluminum parts during the course of repair shall be coated with KS-19094 antiseize compound.

BOOTH CHECK POINTS

4.04 Check the following:

- Safe approach to booth (have dangerous conditions corrected)
- Appearance of booth
- Electrical grounding
- Door operation
- Panels and signs
- Booth lighting
- Directories and binders
- Dome and lights
- Security of booth anchorage
- Loose screws and bolts
- Seat assembly (if applicable)
- Shelf assemblies
- Power cords.

CLEANING

4.05 The KS-19432, List 1 cleaner is available for use as a general cleaning agent.

4.06 Complete cleaning information can be found in Section 508-100-101.

DOOR MAINTENANCE

4.07 Frames should not be broken or cracked.

4.08 Replace door sections that have broken mitered joints. Repair solid-type (one piece) sections (Fig. 17). Fracture usually occurs because of misuse, improper adjustment, or because booth is not level. Check the cause and repair as follows:

(1) Close the door against a thin wooden block to close fracture.

(2) Place B-931522 door repair bracket on the top outside of the door. Align edge of bracket with edge of door that is closest to fracture.

(3) Drill seven mounting holes 1/2-inch deep (drill size No. 26). Secure bracket with seven No. 8-32 by 1/2 Phillips flathead self-tapping screws, type F of corrosion resistant steel.

Note: When brackets are installed on both door sections, check that brackets do not interfere with open position of door. Relocate felt bumper if necessary.

4.09 Door should remain open 2 to 3 inches when it is at normal position. This clearance can be eliminated in cold weather, if desired. Adjust so that door closes without slamming (see paragraph 4.15).

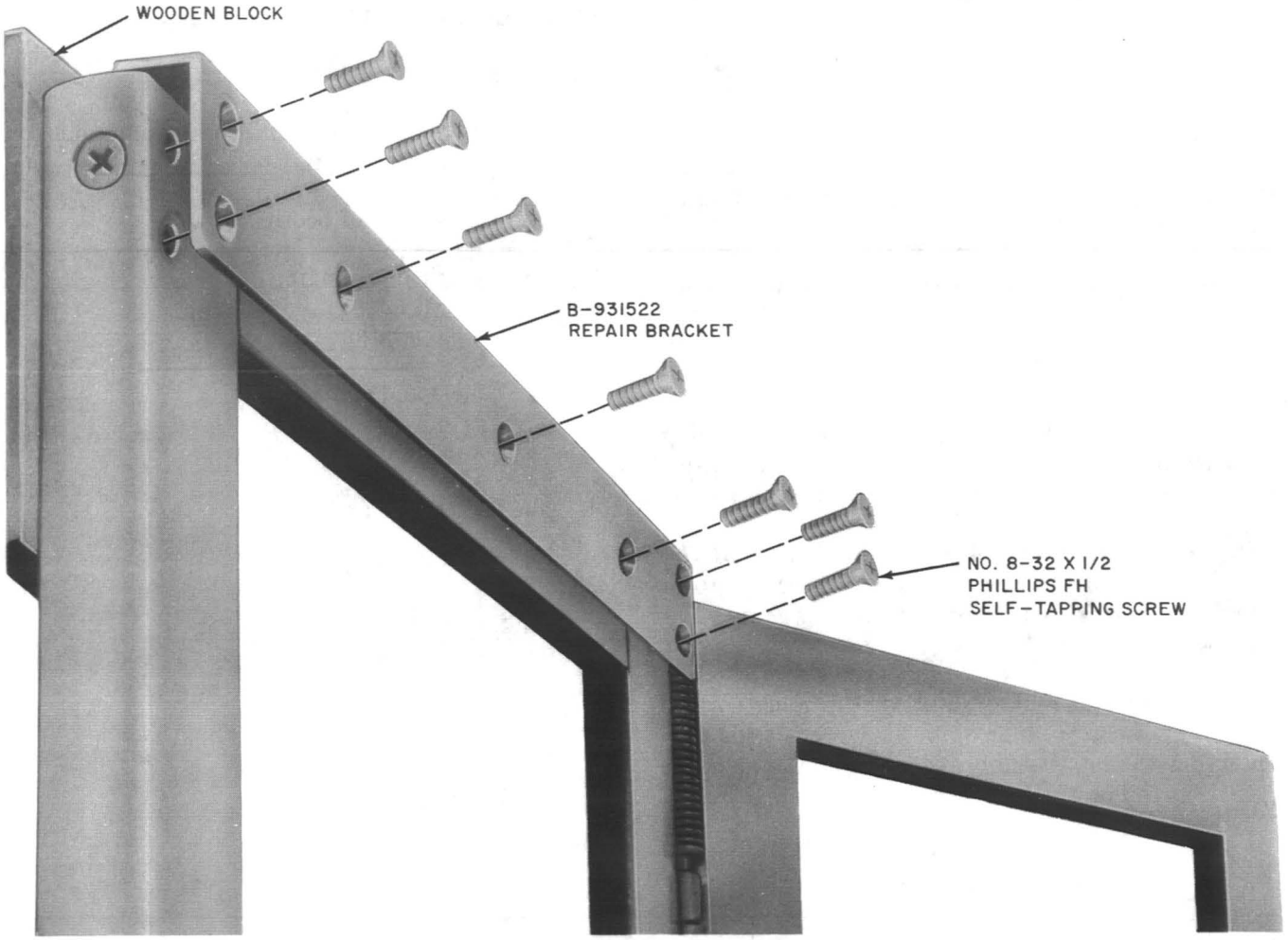

Fig. 17—Installation of Door Repair Bracket

4.10 When pushed closed from inside, the door should remain completely closed.

4.11 Door should open fully with slight pull on the handle and return to the normal position when released.

4.12 Open-door clearance from the writing shelf is about 1 to 2 inches.

4.13 Door operation should be free without binding, squeaking, or chattering (see paragraph 4.17).

4.14 Rubber frame bumpers shall be in place.

A. Door Adjustments (Fig. 18)

4.15 ***Normal Position:*** These adjustments should be made in sequence as follows:

(1) Loosen setscrews on spring stop assembly.

(2) Place door in normal position (2 to 3 inches) from corner column.

(3) Position rod of spring stop assembly against door roller.

(4) Secure rod in this position by placing collar of the spring stop assembly against the bracket of the spring stop assembly, and tighten setscrews.

(5) Loosen mounting screws on the adjustable stop assembly. Move assembly left or right to obtain the spring tension required to return door to normal position. Tighten screws and recheck tension.

(6) Check that door stop assembly is not loose or damaged. If top of roller is not inside track throughout door travel, reposition assembly.

B. Open Door Clearance

4.16 Check points are as follows:

(1) Angle associated with bumper should be tight.

(2) Replace bumper if worn or damaged.

C. Door Operation

4.17 Eliminate binding, squeaking, or chattering as follows.

(1) Check hinge wear. Clearance between hinge barrels should not exceed 1/16 inch; gauge by eye. Replace worn hinges.

(2) Replace defective spring of the top hinge assembly only if the assembly is the latest type (Fig. 19). Replace all earlier type assemblies with the new top hinge assembly.

(3) If door hinges squeak, lubricate at each joint between the barrels with KS-14774, L2G lubricating grease or equivalent; a KS-14796 oiler may be used.

4.18 When worn door track is interfering with operation of door, replace track as shown in Fig. 20.

PANEL REPLACEMENT

A. Sign Panels, Door, Side, and Rear Panels

Danger: Wear gloves and eye protection when handling glass panels to prevent personal injury. Use care when handling tempered glass. Nicks or scratches will damage the glass and may cause it to shatter. Do not allow metal tools to come in contact with edge of tempered glass. Before installation, examine glass for nicks or chips along edges. If such defects are apparent, do not use this glass.

4.19 Replace those panels which are broken or which will not meet local telephone company standards. Refer to Table A for available door, side, and rear panels and glazing strips. Refer to Table B for available sign panels and glazing strips.

4.20 Booth panels and signs are held in place by four interlocking retaining strips inserted in sequence as shown in Fig. 21. The No. 4 strip is rippled and is held in place by interface friction. Refer to Table E for retaining strips.

4.21 Replace panels as follows:

(1) Remove No. 4 locking strip.

(2) Remove retaining strips No. 2 and 3.

(3) Remove retaining strip No. 1.

(4) Remove panel and rubber glazing strip.

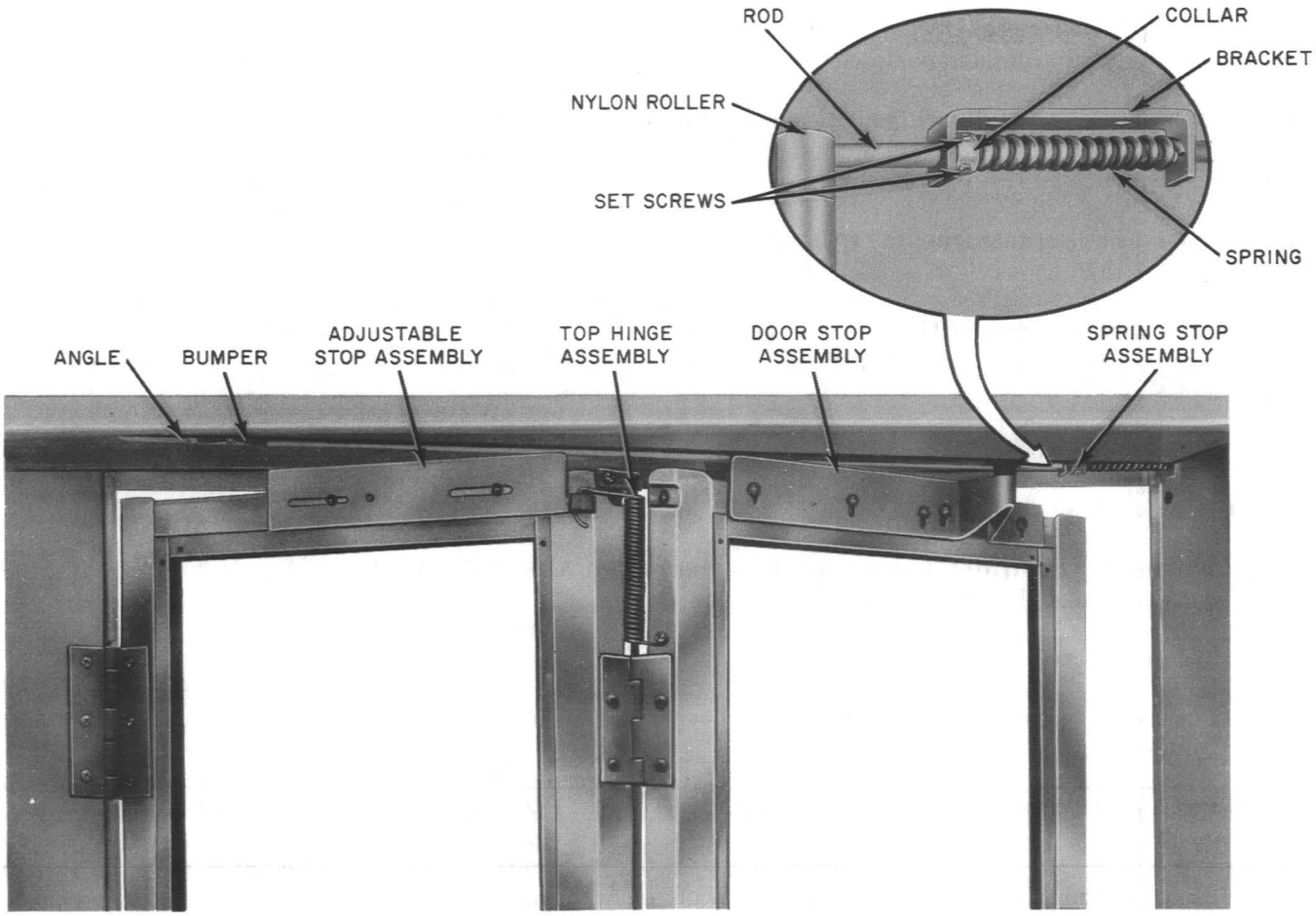

Fig. 18—KS-14611 Booth Door Adjustment

(5) Apply rubber glazing strip to replacement panel.

(6) Insert panel into frame with the beaded edge of glazing strip on the outside.

(7) Replace retaining strips in sequence as shown in Fig. 21.

B. Bottom Panels

4.22 Replace those panels which are broken or which will not meet company standards. Refer to Table C for available bottom panels.

4.23 To remove panels, remove Phillips roundhead screws (eight for short panel and ten for solid or louvered panel).

The rear bottom panels are equipped with a mounting bracket and leveling device.

BOOTH LIGHTING

Danger: For your safety, observe the following: Work operations on booth lighting equipment and electrical wiring should be limited to locations where power can be turned off at a switch or a plug can be removed. Wear eye protection when lowering ceiling and handling fluorescent lamps.

4.24 When ballast shows signs of leaking compound, replace the complete KS-19207 unit per Section 508-820-100.

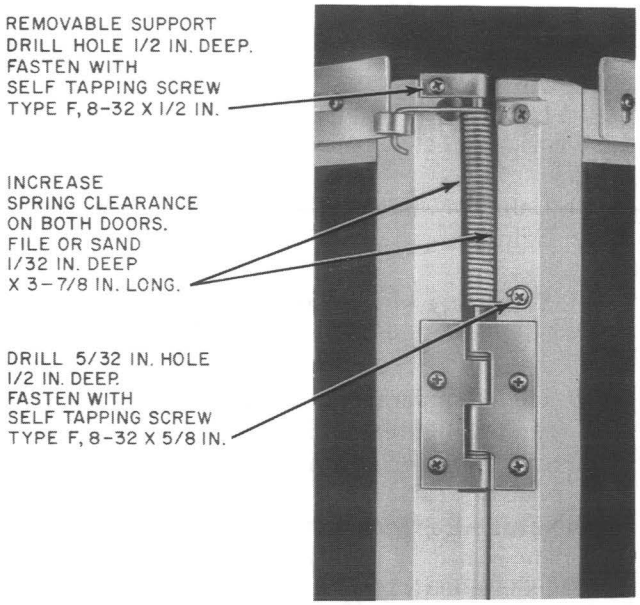

Fig. 19—Installation of Top Hinge Assembly

4.25 Earlier model KS-14611 booths were equipped with a B-185379 light fixture. If major repairs are required for maintenance, replace the B-185379 light fixture with a KS-19207, List 4 light fixture per Section 508-820-100.

4.26 Maintenance instructions for the B-185379 light fixture are covered as follows:

Both ceiling lamps should be lighted when power is on, unless booth is equipped with a light control unit. For booths with a light control, refer to Section 508-825-100.

(1) Check that manual starter reset buttons are pushed in when this type starter is used. Allow 1 minute for lamps to light.

(2) If lamps fail to light, remove lamp plug from ceiling receptacle and test for power as follows:

(a) If power is off, check for intermediate switch.

(b) If power is present, replace lamp plug.

(3) If lamps fail to function, replace starters and allow 1 minute for lighting. Replace lamps that do not light. (Before discarding a starter, test in a good lamp fixture.)

(4) If lamps still fail to function, trouble may be due to low voltage (below 95 volts) or a defective fixture.

4.27 Automatic cutoff thermal-type starters are also used with the KS-14611 booth lamps.

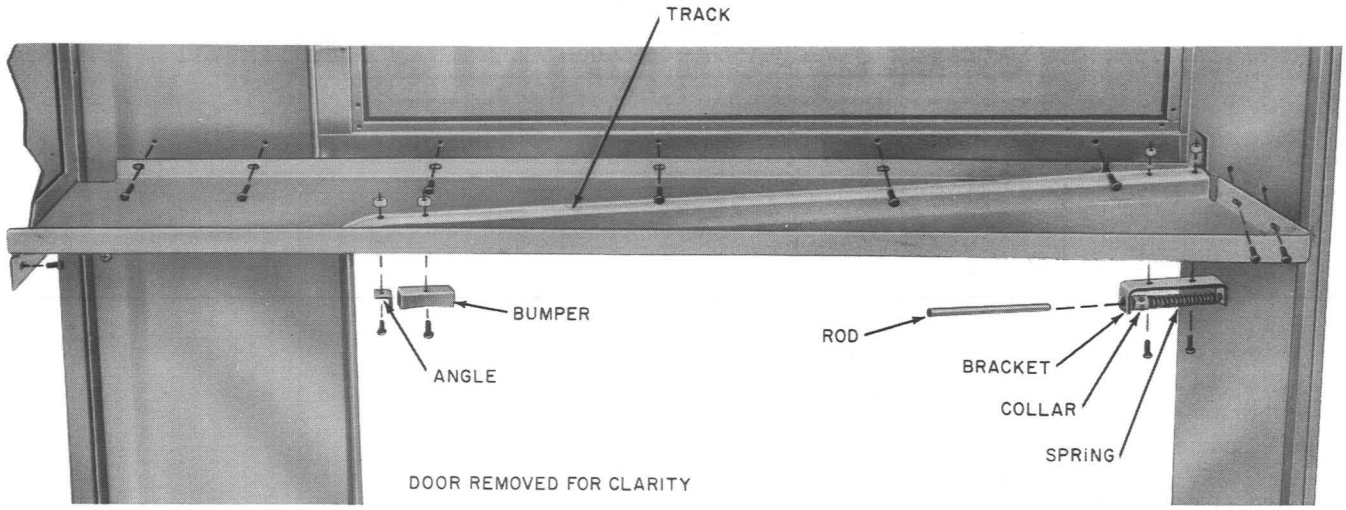

Fig. 20—Installation of Door Track

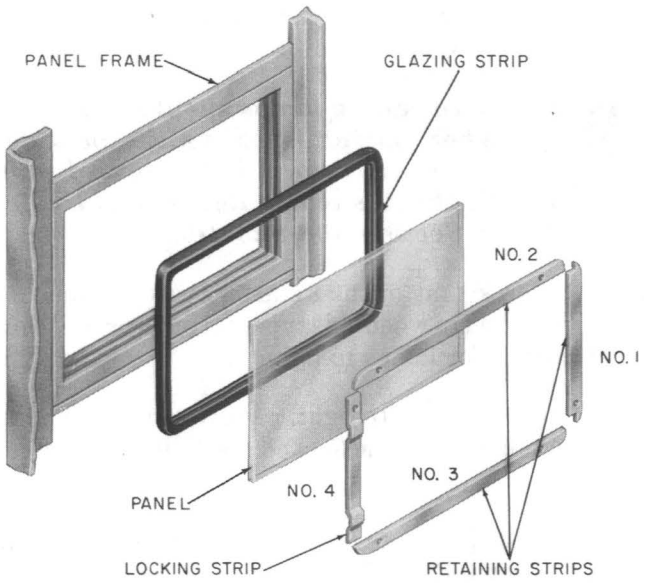

Fig. 21—Assembly of Side or Rear Panels

Bimetallic contacts control starter operation. If starter fails to light the lamp, a cutoff contact will open the lamp circuit. Starter remains in this cutoff condition until power is turned off, allowing bimetallic cutoff to cool. Purpose of cutoff is to prevent ballast transformer from overheating.

4.28 Starter cutoff usually occurs from the following:

(a) Low ac voltage or downward power surge (service interruptions, fluctuations, thunderstorms, etc) below operating range of lamp.

(b) Defective lamp (flickers when starting to light).

(c) Extremely low temperature at start. Gas in lamp does not ionize.

(d) High temperature, either at start or while lamp is lighted. External heat combined with current flow operates bimetallic cutoff contact.

Note: Remember, the lamp starting time is determined by the temperature present in conjunction with lamp condition and line voltage.

4.29 Starter selection (see Table F) is as follows:

(a) ***Automatic Reset Starters:*** Starters will reset after going into cutoff when the power is turned off to allow the contacts to cool. Operating range at 118 volts is from 0 to 135°F.

(b) ***Manual Reset Starters:*** Starters can be reset by pushing the reset button to render

TABLE E

RETAINING STRIPS

PART NO.	LOCATION
B-185371-1	Door Panel, top
B-185371-2	Door Panel, either side
B-185371-3	Door Panel, bottom
B-185371-4	Side or Rear Panel, either side
B-185371-5	Side or Rear Panel; Side or Rear Sign, top or bottom
B-185371-6	Side or Rear Panel, locking strip
B-185371-7	Side or Rear Sign, either side
B-185371-9	Side or Rear Sign, locking strip
B-185371-10	Front Sign, either side
B-185371-11	Front Sign, top
B-185371-12	Front Sign, locking strip
B-185371-13	Front Sign, bottom

starter operative. Operating range at 118 volts is from 0 to 185°F.

Note: Permanent damage to ballast transformer may result if the starter used is not correct for lamp wattage.

TABLE F

LAMP AND STARTER CODES

WATTS	LAMP CODE	STARTER CODE	
		RESET	
		AUTOMATIC	MANUAL
32	FC12T10*	TC-12	TC-120
40	FC16T10*	TC-4	TC-40

* Lamp, fluorescent, 4-pin, standard, cool white.

DOME REPLACEMENT

4.30 Replace defective dome as follows:

(1) Unlock dome fasteners and lower dome.

(2) Remove machine screws and molding assembly.

(3) Remove defective dome and insert replacement as shown in Fig. 22.

(4) Replace and secure molding assembly.

(5) Raise dome and secure in position by locking dome fasteners.

DOME STOP

4.31 Dome stops which are damaged or broken should be replaced in accordance with Fig. 4.

SEAT ASSEMBLY

4.32 Replace those seats (if present) which are broken or which will not meet company standards per paragraphs 3.23 and 3.24.

SHELF ASSEMBLIES AND APPARATUS BLANKS

4.33 Replace those shelves and apparatus blanks which are broken or which will not meet company standards per paragraphs 3.15 through 3.22.

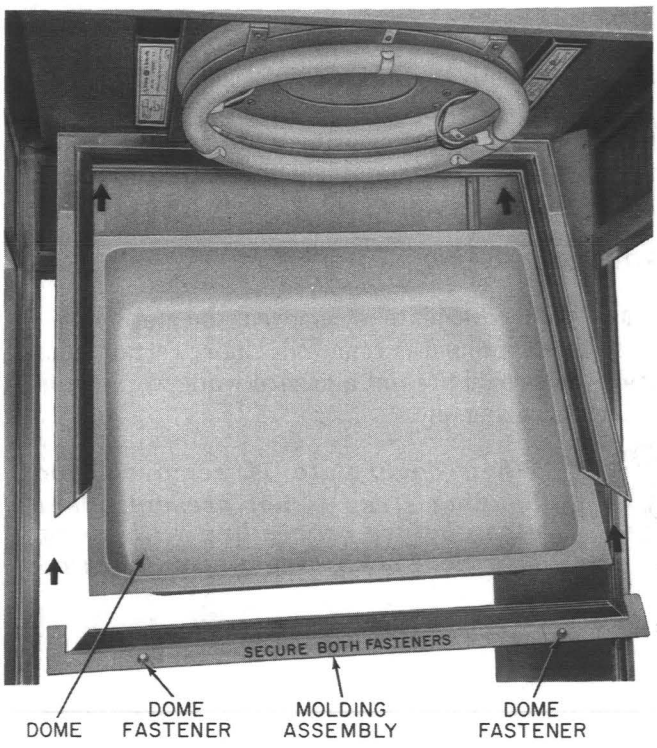

Fig. 22—Installation of Dome

DIRECTORIES AND BINDERS

4.34 Directory binder rods or hinge fasteners shall not be broken or distorted to the extent that directories are not held securely in the binder. Hinges shall not be so bent, burred, or distorted as to obstruct the free passage of hinge fasteners or prevent smooth operation of covers.

4.35 Binder locking devices shall operate freely and lock securely. Adjustable backplates shall be in good condition.

4.36 Ensure that a rubber bumper (B-685401) is in place on the directory rack to cushion the binder as it drops into the rack. Install a new bumper, if required, as follows:

(1) Soften old adhesive with trichloroethane and remove.

(2) Install new bumper using 3M Company EC-880 adhesive or equivalent.

FLOOR

4.37 If a booth is equipped with an abrasive-clad floor, the finish can be restored with the use of Goodyear Griptred flooring and protective coating, dark gray 592-7005 or equivalent. This can be applied with an ordinary paint brush.

PROTECTOR GROUND

4.38 When coverplate is removed, the station protector ground is removed. Under certain conditions this could present a hazard while working on protector, wiring, etc.

When coverplate is removed and bonding strap is not present, place strap before proceeding with work. Use No. 12 wire from ground terminal of protector to screwhead of partition fastener separating the two wiring channels.

REPAIR OR REPLACEMENT PARTS

4.39 Refer to Table G for repair or replacement parts which are most commonly required.

5. CONVERSION OF CEILING ASSEMBLY TO ADD KS-19207, LIST 3 LIGHT AND BLOWER UNIT

5.01 For detailed conversion procedures, refer to BSRS 457.106. This modification is not recommended for field forces to attempt.

TABLE G

REPAIR OR REPLACEMENT PARTS

NAME	PART NO.	REMARKS
Angle	B-179424	Component of track assembly
	B-684710 or KS-14611, List 110	Component of booth anchoring bracket
Bracket	B-176686	Component of spring stop assembly
	B-931522	Door repair bracket
Bolt	B-684713-1	Component of booth anchoring bracket
Bumper	B-179473	Component of track assembly
	B-684714	Located on column of left-side assembly
	B-685401	Located on directory rack
Collar	B-192403	Component of spring stop assembly
Cover Assembly Right-Rear Access	B-185443	Includes a 123A1A protector
Cover, Right-Rear Access	B-185375-1	Does not mount protector
Cover, Left-Front Access	B-179378	Covers booth anchoring bracket on left-front column
Dome	B-185369	Light dome
Door Assembly	B-179333	Door includes left and right door frame assemblies, hinges, handle, doorstop assembly, and adjustable stop assembly
Frame Assembly, Left Side	B-181729	Left frame of door assembly
Frame Assembly Right Side	B-181728	Right frame of door assembly
Grommet	B-684716	Located at telephone wire entrance
Handle	B-684738	Door handle
Hinge Assembly	B-650842	Door post hinge
	B-684744	Center door hinge (middle and bottom positions)
	B-684745	Top center door hinge
Nut	B-684712	Component of booth anchoring bracket
Plug	Plastic Plug for Rear Assembly B-179324	Located at unused power entrance
Rod Assembly	B-192404	Component of spring stop assembly
Roller, Nylon	B-561730	Mounts on pin of doorstop assembly
Spring	B-176687	Component of spring stop assembly
	B-684746	Component of top hinge assembly

TABLE G (Contd)

REPAIR OR REPLACEMENT PARTS

NAME	PART NO.	REMARKS
Stop Assembly, Adjustable	B-684748	Component of door assembly
Stop Assembly, Door	B-176782	Component of door assembly
Stop Assembly, Spring	B-192543	Component of track assembly
Track Assembly	B-178483	Consists of track, spring stop assembly, angle, and bumper
Track	B-185579	Component of track assembly
Washer, Plain 5/16-inch	Obtain locally	Component of booth anchoring bracket