

## INDOOR BOOTHS

### KS-19206 CURVED DOOR

#### 1. GENERAL

1.01 Information in this section was formerly contained in the following sections which are hereby canceled.

- 508-115-100
- 508-115-200
- 508-115-300

1.02 The KS-19206 curved door booth (Fig. 1), is made of steel. A mastic sound deadening material is placed between the outside steel walls and inside steel liners.

1.03 The outside is light olive gray textured vinyl and the interior is off-white porcelain enamel. A vertical color panel in orange, blue, or white is located adjacent to left door facing.

1.04 The booth may be installed in single or multiple units.

#### 2. IDENTIFICATION

2.01 Various list numbers have been assigned booth components as described in Tables A and B.

2.02 The overall dimensions of the booth are:

- Height—83-1/8 inches
- Width—33 inches
- Depth—31-1/2 inches

2.03 A contour seat (B-554538) is provided in the left rear corner for sitdown service. A writing shelf (B-555896) is also featured which extends along the right side and part of the rear wall. Both are furnished as part of the booth.

2.04 A B-554527 rubber mat covers the floor.

2.05 The booth has a single curved door that rolls into a recess on the left side behind

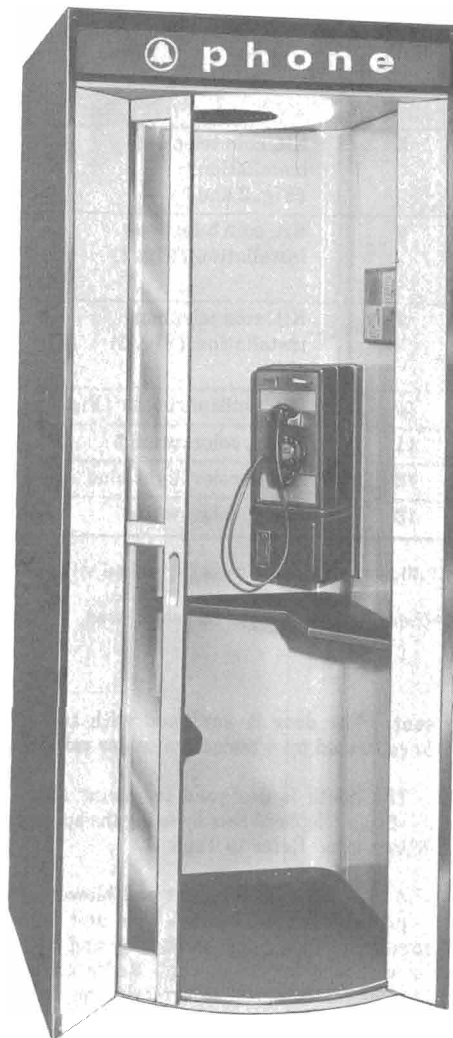


Fig. 1—KS-19206 Curved Door Booth

**TABLE A**  
**BASIC BOOTH COMPONENTS**

KS-19206 LIST NO.	DESCRIPTION	REMARKS
1	Booth, telephone KS-19206 (Fig. 1)	Includes KS-19207, List 1 light and blower unit, 42A connecting block, KS-19425, List 22 power cord, and KS-19928, List 1 card frame. Other items listed in this table and in Table B must be specified by list number.
5	Kit, coin telephone installation* (Fig. 2 and 3)	For 200-type coin collector requiring subscriber set. Includes backboard, subscriber set mounting plate, subscriber set wire, and necessary hardware.
6	Kit, coin telephone installation (Fig. 2)	For 1A/1C-type coin telephone set or 236G coin collector. Includes backboard and necessary hardware.
7	Kit, coin telephone installation (Fig. 4)	For 2A/2C-type coin telephone set or 235/1235-type coin collector. Includes backboard and necessary hardware.†
10	Kit, multiple booth (Fig. 5)	To facilitate multiple installations.
11	Panel, color, orange	Vertical panel located adjacent to left door facing. List No. of panel desired must be specified on order.
12	Panel, color, light blue	
13	Panel, color, white	

\*Sufficient station wire is furnished with each kit.

†When a panel telephone set is used, a 127B-type cover should also be used; order separately.

the seat. The door is equipped with two glass panels separated by a horizontal center rail.

**2.06** The booth is designed to mount a variety of coin telephone sets by using the appropriate installation kits. Refer to Table A.

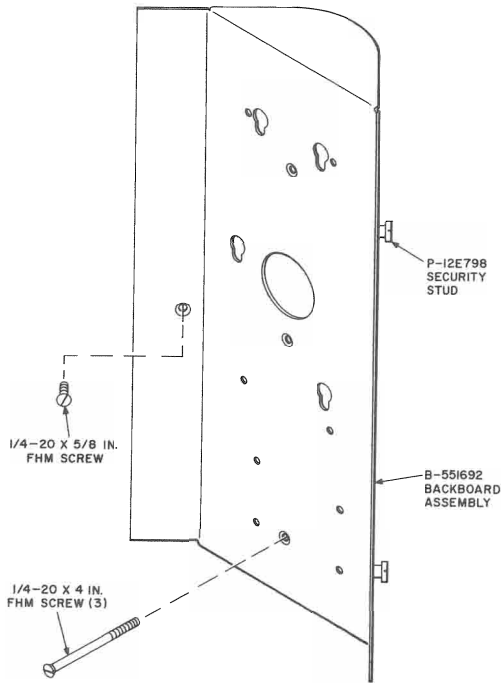
**2.07** A KS-19207, List 1 light and blower unit is provided in the booth. This unit contains one circular 40-watt fluorescent lamp and a blower that is mounted in the center. Refer to Section 508-820-100 for complete information on the light and blower unit.

**2.08** The lamp is wired for continuous illumination but if desired, it can be controlled by the door-operated switch assembly (B-650626).

**2.09** The blower is controlled by the door-operated switch assembly (B-650626) and the wall-mounted switch assembly (B-555994).

**2.10** A sign, illuminated by a 30-inch, 20-watt fluorescent lamp (4.16), is mounted above the door. Available signs are listed in Table B.

**2.11** Power for lights and blower is supplied by means of a KS-19425, List 22 cable assembly (Fig. 6). The cable is furnished as part of the booth assembly for plugging into the power-service outlet. Where local regulations permit, a clamp may be used to prevent accidental removal of cable assembly from power-service outlet.



**Fig. 2—KS-19206, List 6 Coin Telephone Set Installation Kit or Backboard Portion of List 5 Kit**

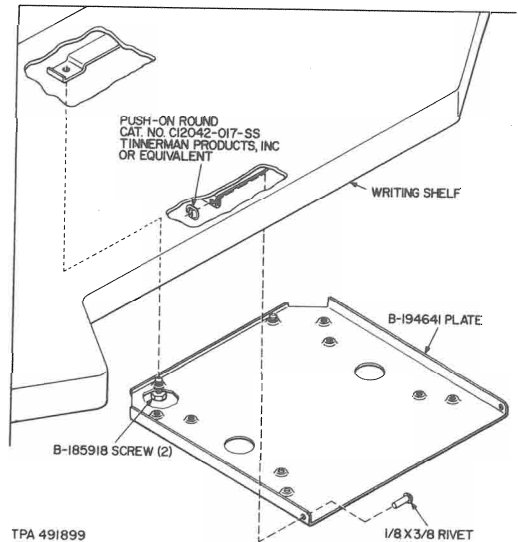
**2.12** In multiple installations, electrical wiring may be run from booth to booth through knockouts provided in the sides of booth at ceiling level.

**2.13** A 42A connecting block (Fig. 6) is included as part of the booth; however, a 123A1A protector may be used if required but must be ordered separately.

**2.14** The left and right outside walls are reinforced to permit exterior mounting of a KS-20029 directory shelf. Refer to Section 508-710-100.

#### ORDERING INFORMATION

**2.15** Orders for this booth shall specify the quantity, by KS- and list Nos. of all items required. Refer to Tables A and B.



**Fig. 3—Installation of Subscriber Set Mounting Plate**

**2.16** The following are examples of typical orders.

#### *Example 1:*

1—Booth, telephone, KS-19206, List 1 equipped with:

1—Kit, coin telephone installation, KS-19206, List 5

1—Panel, color, orange, KS-19206, List 11

#### *Example 2:*

2—Booths, telephone, KS-19206, List 1 equipped with:

2—Kits, coin telephone installation, KS-19206, List 6

2—Panels, color, white, KS-19206, List 13

2—Sign panels, KS-19206, List 19

1—Kit, multiple booth installation, KS-19206, List 10

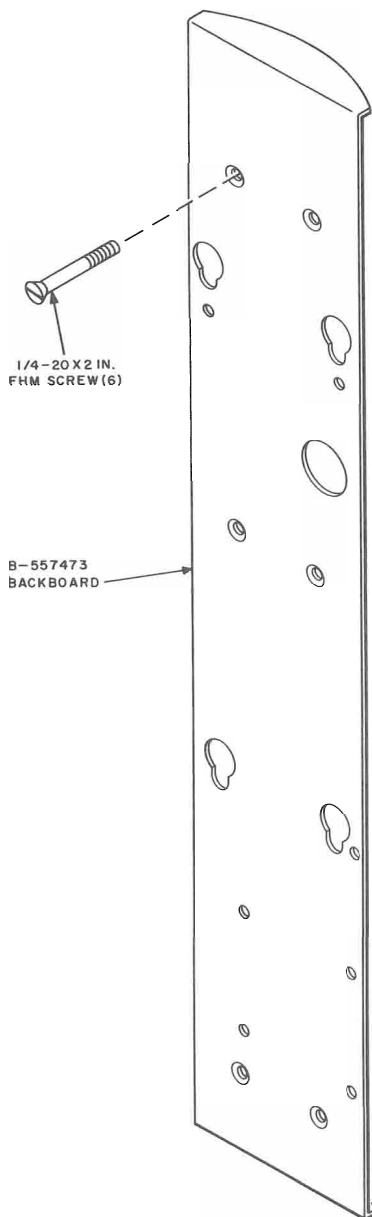


Fig. 4—KS-19206, List 7 Coin Telephone Set Installation Kit

### 3. INSTALLATION

#### LOCATION

**3.01** Before beginning the installation, be sure location specified on the service order corresponds with customer's wishes.

**3.02** Booth location should be:

- Within full view of public
- Readily accessible to customer
- In a well lighted area
- Free of such hazards as stairways, narrow passageways, uneven or unsafe floors
- Free of heating vents, radiators, sinks, fuse boxes, or switches
- Free from areas subject to water

**3.03** For proper coin collector operation, the booth should be level and stable. Where floor is uneven or not level, place wooden shims under the proper side of booth for leveling.



*Ensure that shims do not protrude so as to create a safety hazard.*

**3.04** Leveling can be determined by use of a carpenter's level or a plumb line. Either may be obtained locally.

**3.05** Place shims under the middle of booth floor where there is a possibility of sagging.

**3.06** Avoid setting booths on floors with considerable slope such as ramps or inclined passageways. When this condition cannot be avoided, place booth with a minimum amount of step-up.

#### DOOR OPERATION

**3.07** The door should be adjusted to operate properly when the booth leaves the Service Center because there is only one adjustment that can be made in the field. This can be accomplished as follows: Loosen the two clamping screws at the bottom of door which secure door roller. The

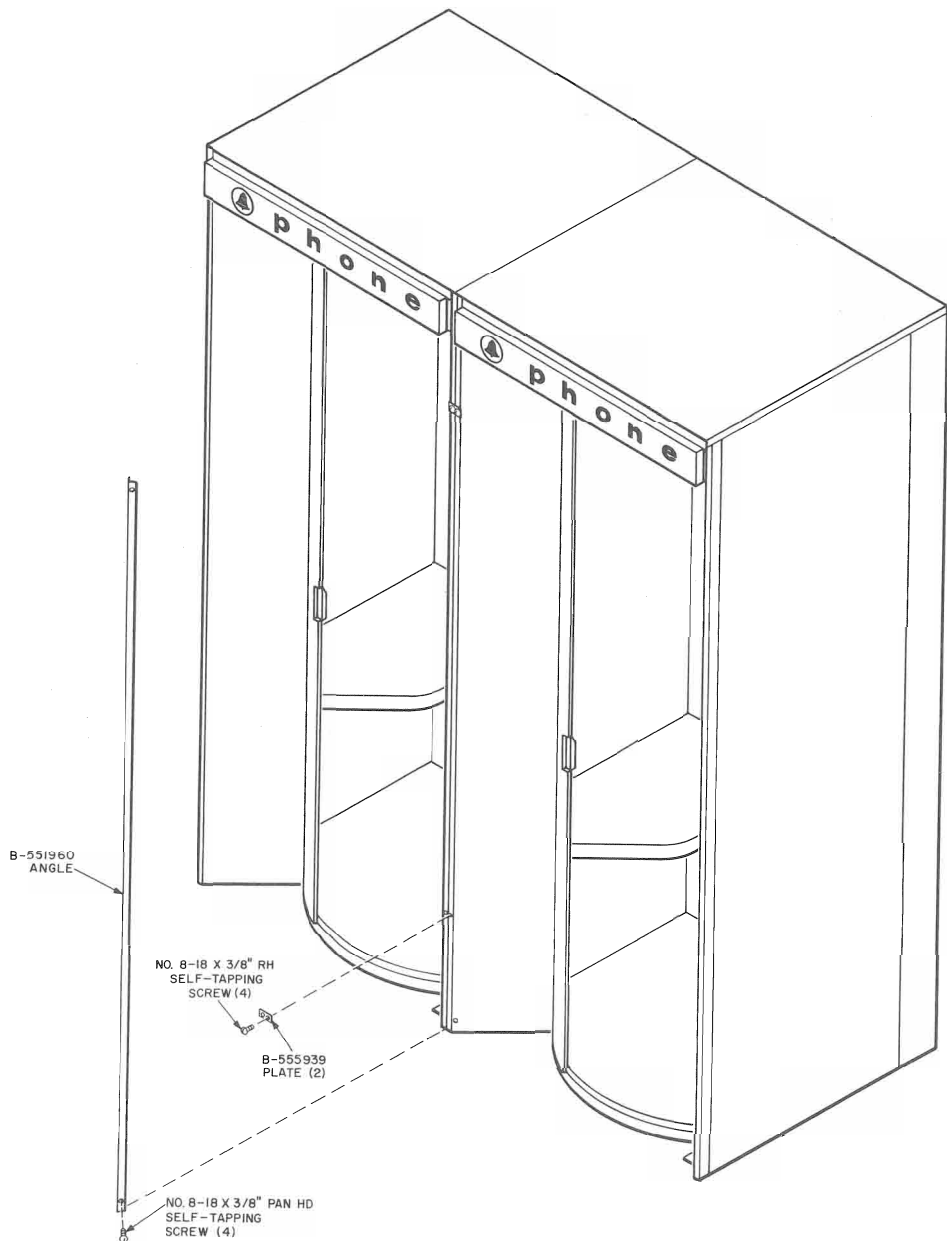
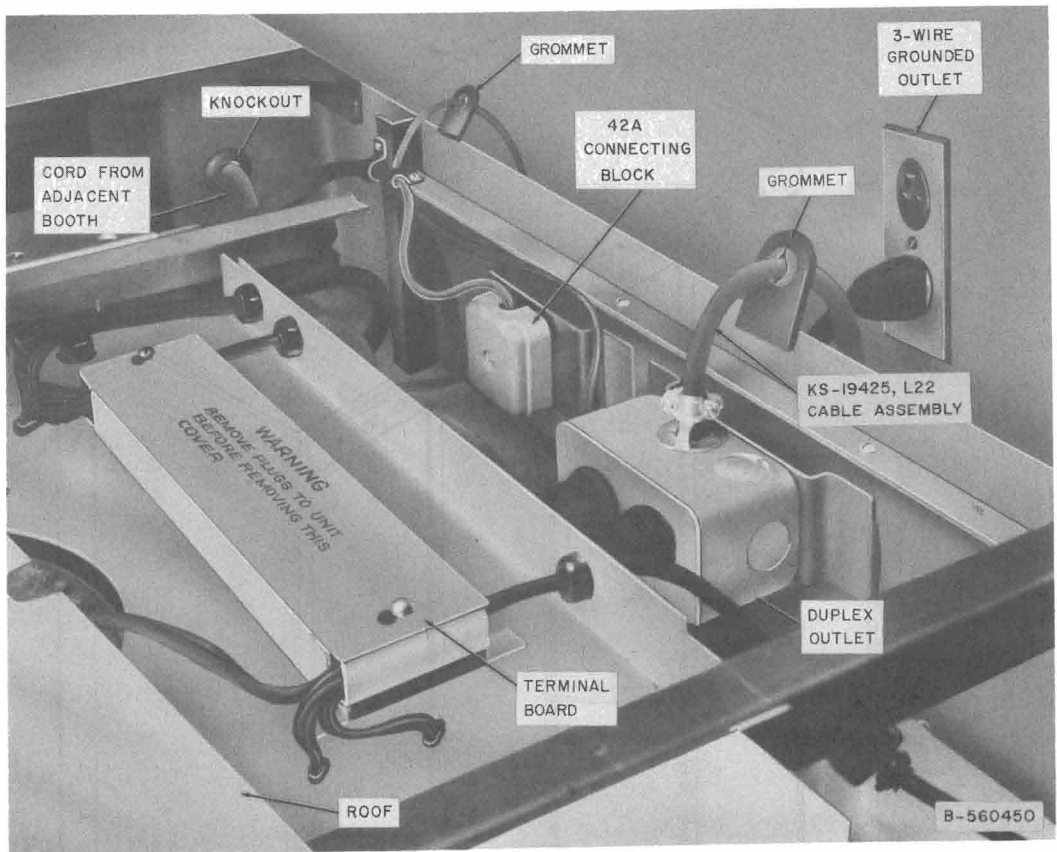


Fig. 5—KS-19206, List 10 Multiple Installation Kit (Items Identified)



**Fig. 6—Partial View of Ceiling Area**

roller can be adjusted approximately 1/8-inch vertically.

**3.08** For proper operation, ensure that the booth floor and header assembly do not sag and that door rollers roll smoothly in tracks.

**3.09** Ensure that door slides easily over its full travel and closes snugly.

#### **DOOR OPERATED SWITCH**

**3.10** The blower motor and, in some cases, the light fixture are controlled by a door operated micro switch assembly (B-650626, Fig. 7). If the

switch is not making or breaking properly, it should be adjusted as follows:

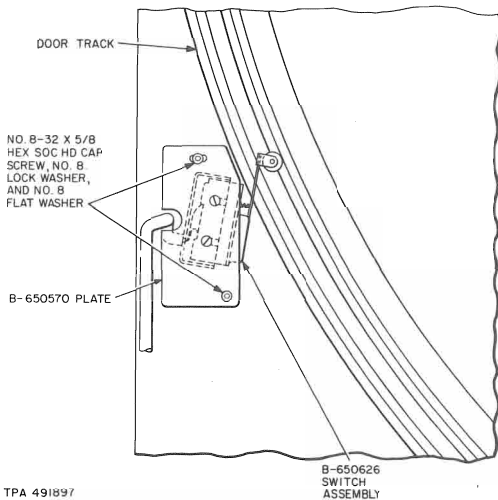
- (1) Remove roof from booth.
- (2) Loosen the adjusting screw (Fig. 7).
- (3) Slide the switch mounting plate in or out as necessary.
- (4) Open and close the door to determine the proper switch position.
- (5) Tighten the adjusting screw.
- (6) Install the roof.

TABLE B

## SIGNS AND ASSOCIATED ITEMS

KS-19206 LIST NO.	DESCRIPTION	CONSIST OF KS-19206, LIST NO.		REMARKS
9	Sign Assembly	17	Plus 21	KS-19206, List 8 sign assembly has been rated MD
14		18		
15		19		
16		20		
17	Sign Panel			White blank
18*				Blue background — white letters
19				White background — blue letters
20				Blue blank
21	Frame Assembly			Dull black finish

\*List 18 sign panel will be furnished with each booth unless otherwise specified.



TPA 491897

Fig. 7—B-650626 Door Operated Micro Switch Assembly

## TELEPHONE WIRING



*When working overhead, wear eye protection*

3.11 Signaling ground requirements are shown in Table C.

TABLE C  
SIGNALING GROUND ARRANGEMENTS

NUMBER OF BOOTHs	OPTIONS		
	CABLE PAIRS	CONDUCTORS OF STATION WIRE	NO. 14 GROUND WIRE
1 to 6	1	1	1
6 to 12	2	2	1
12 or more	1 pair per 6 booths	1 pair per 6 booths	1

3.12 To make wiring accessible, remove dome assembly and work from inside of booth or remove the roof retaining screws and slide roof forward as shown in Fig. 6.

3.13 Insert station wire through roof grommet, through the cable clamp, and terminate on the 42A connecting block (Fig. 6) or 123A1A protector.

**3.14** Ensure that station wire leading to coin telephone is properly terminated on the connecting block or protector.

#### INSTALLATION OF KITS

**3.15** *List 5 Kit:*

- (1) Install the backboard portion of the List 5 kit in accordance with Fig. 2.
- (2) The subscriber set is mounted under the shelf with brackets, mounting plate, and hardware furnished with the List 5 kit. Install the mounting plate in accordance with Fig. 3.
- (3) Sufficient wire is furnished with the List 5 kit for connecting the subscriber set to the coin collector.

**3.16** *List 6 Kit:* Install KS-19206, List 6 kit in accordance with Fig. 2.

**3.17** *List 7 Kit:* Install KS-19206, List 7 kit in accordance with Fig. 4.

**3.18** Install the coin collector or coin telephone set in accordance with standard telephone procedures.

**Note:** Knockouts are available at top of booth on both sides and back for interconnecting telephone and electric wires in multiple installations.

#### ELECTRIC WIRING

**3.19** A 3-wire, grounded electrical outlet should be provided at booth location. Ensure that the third wire is grounded.

**3.20** Connect the power cord to the spare receptacle of adjacent booth in multiple installations. Refer to Note following 3.18.

**3.21** Internal electrical wiring can be checked on the terminal board located on ceiling above the light fixture (Fig. 6).



**Be sure light fixture power cord is removed from power receptacle before removing coverplate from terminal board.**

**3.22** For wiring information on the KS-19207, List 1 light and blower unit, refer to Section 508-820-100.

#### MULTIPLE INSTALLATIONS

**3.23** When installing the KS-19206 booth in multiples, use a KS-19206, List 10 kit and install it as follows (Fig. 5).

- (a) Remove adjacent trim strips from each booth and retain the screws.



**When removing the trim strips, use care when removing the first screw because the strip may spring out.**

- (b) Fasten the booths together at top and bottom using two B-555939 plates and four No. 8-18 by 3/8 RH self-tapping screws.

- (c) Install the B-551960 angle over the adjacent corners of the two booths and secure it using the four No. 8-18 by 3/8 pan head self-tapping screws retained in (a).

#### 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.

#### INSPECTION

**4.03** Inspect the approach to the booth and ensure that it is free of all hazards.

**4.04** Ensure that all visible assembly screws are present and secure.

- (a) If screws are broken in holes and cannot be removed easily with pliers, remove them carefully using a 3/32-inch punch.

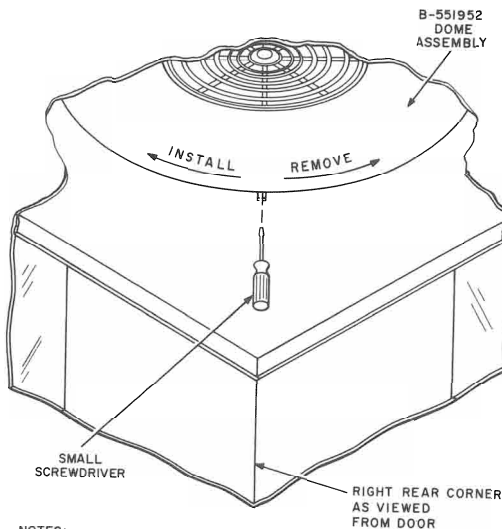
**Note:** When threaded holes are stripped, replacement screws shall be the next larger size of the same material and type.

- (b) All screws threaded into aluminum parts shall be coated with KS-19094 antiseize compound.

#### DOME ASSEMBLY

**THINK** Use eye protection when removing the dome assembly.

- 4.05** The B-551952 dome assembly must be removed to make the light and blower assembly accessible. Do this in accordance with Fig. 8.



#### NOTES:

1. FOR REMOVAL, INSERT SMALL SCREWDRIVER THROUGH SLOT IN CEILING, DEPRESS DETENT SPRING, AND TURN DOME ASSEMBLY COUNTERCLOCKWISE.
2. FOR INSTALLATION, PLACE DOME ASSEMBLY IN CEILING AND TURN IT CLOCKWISE UNTIL DETENT SPRING ENGAGES AND LOCKS DOME.

B-567878

**Fig. 8—Method for Removing Dome Assembly**

- 4.06** Clean the space between the ceiling and roof of all loose dirt and other loose foreign material.
- 4.07** Clean the inside of the dome assembly in accordance with Section 508-100-101.
- 4.08** Replace dome assemblies which do not meet local telephone company standards.

#### LIGHT AND BLOWER UNIT

**THINK** Use eye protection when handling fluorescent lamps. Before making any repairs or replacements in electrical equipment, disconnect plug or turn the service switch off and verify that circuit is dead by checking with an approved voltage tester.

- 4.09** Remove the dome assembly per Fig. 8 to gain access to the light and blower unit.
- 4.10** Determine that the manually operated ventilator switch turns the blower on and off.
- 4.11** If ballast shows signs of leaking compound, replace the complete KS-19207, List 1 light and blower unit.
- 4.12** Ensure that all electrical leads are securely clamped away from the air intake hole and from the rotary impeller.
- 4.13** The unit is equipped with a fluorescent Circline 40-watt cool white lamp.

#### TELEPHONE SIGN ASSEMBLY AND SIGN LAMP

- 4.14** Remove the sign assembly or sign blank (Fig. 9) as follows:

(a) Remove two socket head screws from the top and two pan head screws from the bottom which secure frame assembly B-555394 to the booth.

(b) Loosen three pan head tapping screws and move bracket B-650603-2 to permit the removal of the sign.

- 4.15** Early models of the sign assembly have a convex sign but later models have a flat sign. Signs which do not meet local telephone company standards shall be replaced as follows:

(a) If the early (convex) model sign assembly requires replacing, it will be necessary to replace the complete assembly.

(b) If the later (flat) model sign assembly requires replacing, it will only be necessary to replace the sign.

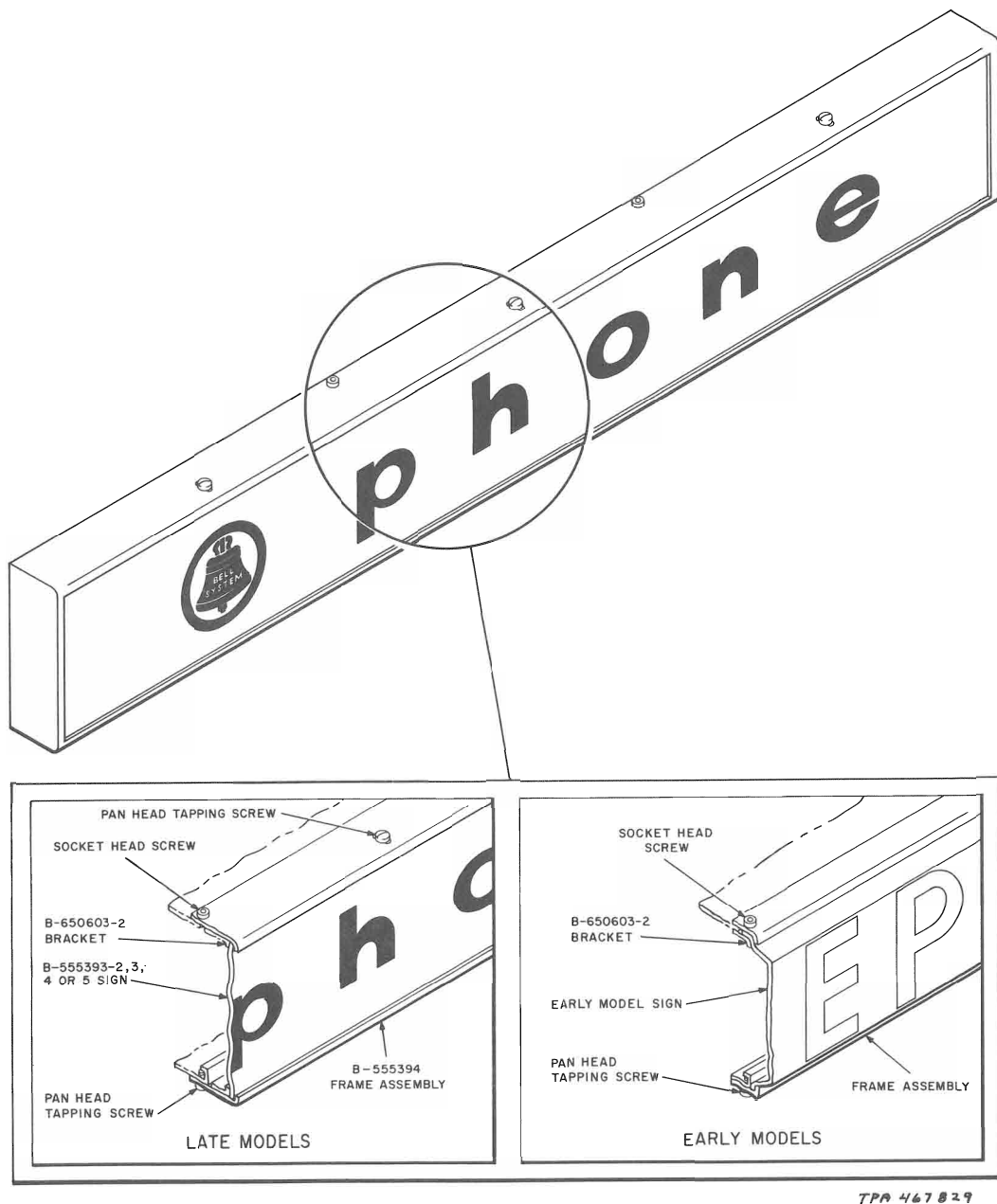


Fig. 9—KS-19206, List 9, 14, 15, or 16 Sign Assembly

(c) Refer to Table B for list numbers.

**4.16** If the sign lamp has to be replaced, use one of the following 30-inch, 20-watt fluorescent lamps.

- GE—F30-inch-T8-CW-4
- Westinghouse—F18-T8-CW-30
- Sylvania—F18-T8-CW-K-30

**4.17** If the lamp starter has to be replaced, use an FS-2 or FS-25 starter.

**4.18** If ballast shows signs of leaking compound, replace the complete fixture (B-554513).

#### SEAT AND SHELF

**4.19** Examine the seat and shelf. Replace if broken or if local telephone company standards cannot be met.

- Use B-554538 seat
- Use B-555896 shelf

#### RUBBER FLOOR MAT

**4.20** Rubber floor mats (B-552527) which will not meet local telephone company standards shall be replaced as follows:

- (a) Remove 17 self-tapping screws, 17 lockwashers, and remove the rubber mouldings around the bottom of the booth.
- (b) Remove six flathead screws and remove the curved angle strip along the door track.
- (c) Remove the mat and remove all loose dry cement and foreign matter from the floor surface using a suitable scraper.
- (d) Apply a thin event coat of adhesive (such as Armstrong D-220) over the floor surface.
- (e) Place the new mat in position and remove all air pockets by treading on the surface.
- (f) Install the curved angle strip using the six flathead screws removed in (b).

(g) Install the rubber moldings around the bottom of the booth using the 17 self-tapping screws and 17 lockwashers removed in (a).

#### DOOR ASSEMBLY

**4.21** Refer to 3.07 through 3.09.

**4.22** Clean the nylon rollers and door tracks with a suitable brush.



*Use gloves and eye protection when handling glass panels.*

**4.23** Inspect roller bracket mounting screws and ensure that they are tight.

**4.24** Glass panels which do not meet local telephone company standards shall be replaced as follows:

- (a) Remove the B-992407 rubber bumper strip, located in the right door stile, by starting at the bottom and pulling out and up.
- (b) Loosen the six hex socket head cap screws which secure the right door stile to the door assembly.



*The glass panels must be removed and installed from inside the booth.*

- (c) Refer to Fig. 10 and remove the retaining strips in the order shown.
- (d) Remove the panel or broken glass from the door assembly.
- (e) Transfer the B-992408 glazing strips from the old panel, or portions of old panel, to the new B-554570 panel making sure the lipped edge of each glazing strip is positioned on the side of the glass which will be toward the outside of the booth.
- (f) Working from the inside of the booth, close the door and place a wedge shaped block under the bottom edge of the door frame, approximately at the center.
- (g) Place the glass panel in the door.

## SECTION 508-202-100

- (h) Install the retaining strips in accordance with Fig. 10.
- (i) Secure the right door stile by tightening the six hex socket head cap screws (Fig. 10).
- (j) Install the rubber bumper strip in the right door stile using an RS-14770 nylon hammer or equivalent.

### Door Stop Kit (Fig. 11)

#### 4.25 To install door stop kit:

- (1) Remove color panel. Refer to 4.30.
- (2) Remove four No. 8-32 by 1/4 Pan Hd screws, four No. 8 lockwashers and the support assembly which supported the color panel.
- (3) Remove the existing door stop located at the back end of the upper door track.
  - (a) Remove roof for access to stop.
  - (b) If roof cannot be removed, reach through ceiling dome area and bend stop out of the way.
- (4) With curved door closed, mount the two new stop brackets approximately as shown in Fig. 12.
- (5) Using stops as marking templates, mark locations for four mounting screw holes
- (6) Remove brackets and drill the four holes using a No. 25 drill
- (7) Secure brackets to door using four No. 8-32 by 3/8 Phillips Hd self-tapping screws (furnished).

#### 4.26 Check rollers as follows:

- (1) Ensure that bottom roller brackets are not bent downward away from the required 90 degree angle.
- (2) Adjust bottom roller assemblies so that there is no binding against the track.

- (3) Ensure that roller assembly mounting screws are tight.
- (4) Replace any loose or missing screws with nylon locking screws.


#### 4.27 Install support assembly and color panel.

**4.28** Open and close door several times to ensure that there is no binding and that rollers are rolling free.

### COLORED PANEL

**4.29** The panels are available in three colors (Table A):

**4.30** The panels may be removed as follows:

 **When removing the corner trim strip, use care while removing the screw because the strip will spring out.**

- (a) Remove two self-tapping screws and remove the corner trim strip.
- (b) Remove eight self-tapping screws which secure the panel to the booth.
- (c) Install the new panel using the eight self-tapping screws removed in (b).

### INSIDE LINERS

**4.31** Liners which do not meet local telephone company standards can only be replaced at the Distributing House.

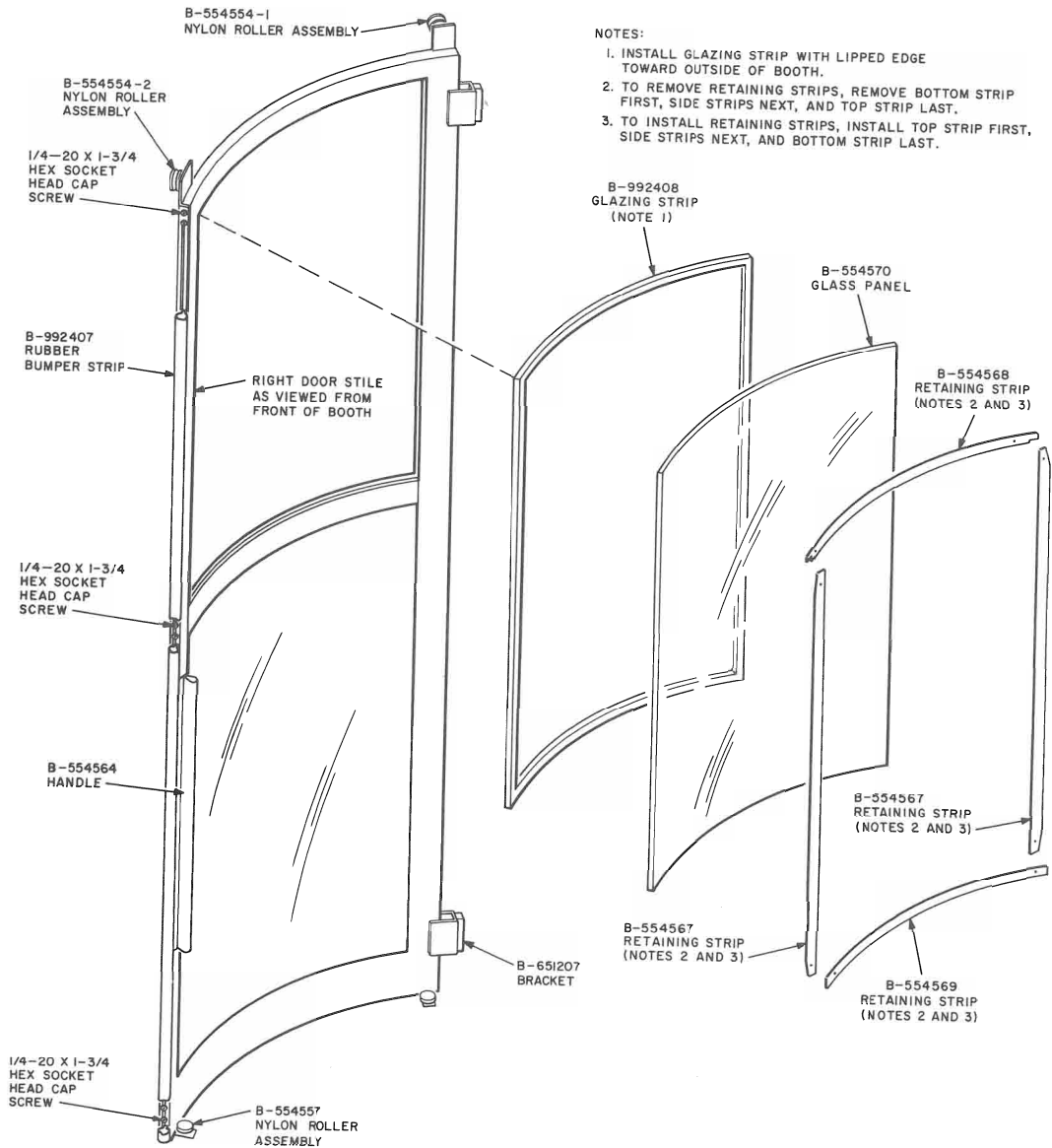
**4.32** For minor defects and chipping, an air dry matching paint may be used to fill in the damaged area.

### CARD FRAME

**4.33** Replace all broken or damaged card frames with a KS-19928 card frame. Refer to Section 508-811-100.

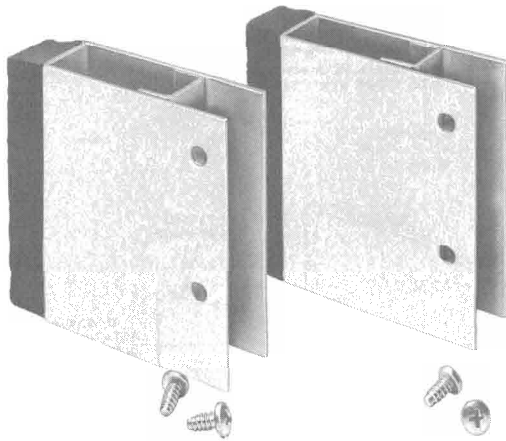
### FINAL CLEANING

**4.34** After all maintenance has been completed, sweep and dust the interior of the booth.

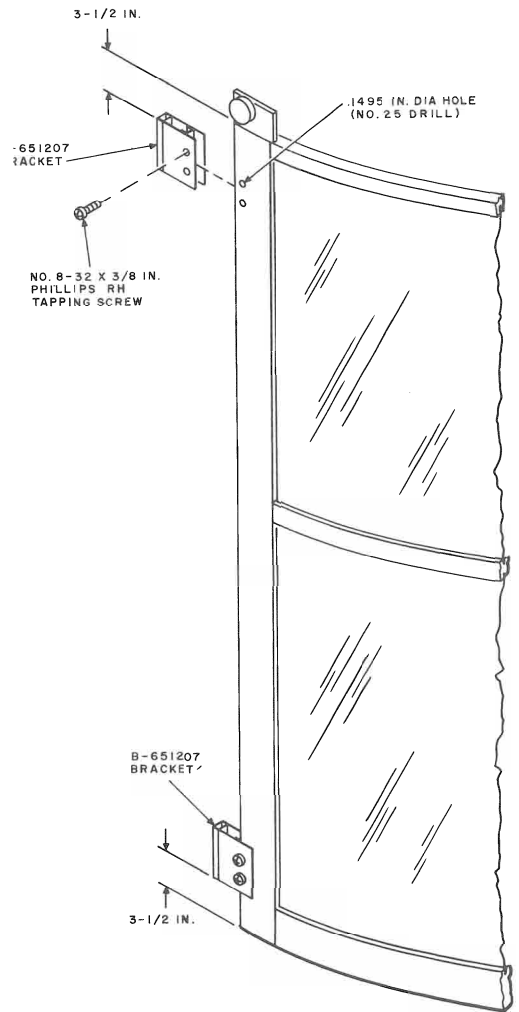


TPA 469882

**Fig. 10—B-554510 Door Assembly**



**Fig. 11—Door Stop Kit**



**Fig. 12—Installation of Door Stop Kit**