

KS-19425 BOOTH (INDOOR-OUTDOOR) MAINTENANCE

1. GENERAL

1.01 This section is reissued to:

- Revise Table A
- Delete information on door guide adjustments
- Revise Fig. 3 and 4 to agree with latest engineering design

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

1.03 The local telephone company shall establish the safety standards for all booths.

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

2. BOOTH CHECK POINTS

- 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
- Bumper guards around outdoor booths
- Security of booth anchorage
- Loose screws and bolts

- Seat assembly (if applicable)
- Shelf assemblies
- Power cords

3. CLEANING

3.01 Clean exposed surfaces in accordance with Section 770-170-308.

3.02 Ensure that the insect screen in the front sign enclosure is free of foreign material.

4. DOME ASSEMBLY

THINK Use eye protection when removing the dome assembly.

4.01 The B-551952 dome assembly must be removed to make the light assembly accessible. Do this in accordance with Fig. 1.

4.02 Clean the space between the ceiling and roof of all loose dirt and foreign material.

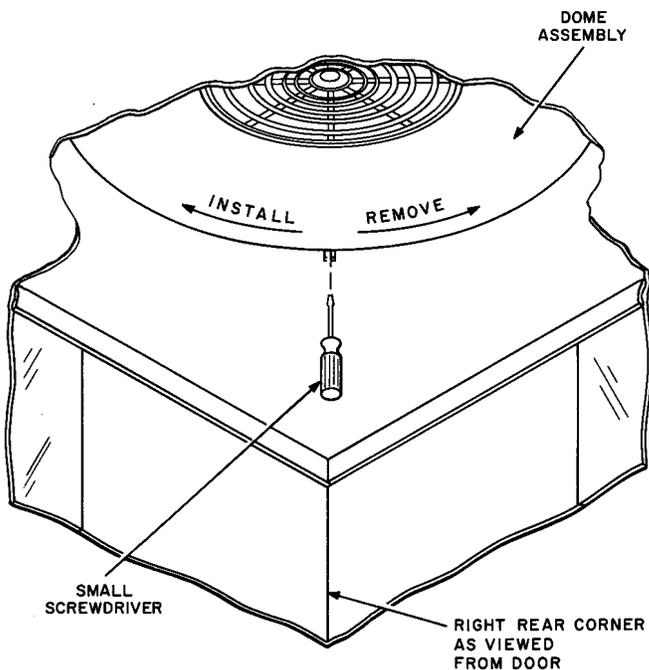
4.03 Clean the inside of the dome assembly in accordance with Section 770-170-308.

4.04 Replace dome assemblies which do not meet local telephone company standards.

5. LIGHT ASSEMBLY

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 voltmeter.

5.01 Each booth is equipped with a KS-19207, List 3 light and blower unit or a KS-19207, List 7 light fixture. The unit is equipped with two fluorescent Circline 40-watt cool white lamps.



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.

Fig. 1—Method of Removing Dome Assembly

5.02 Refer to Section 508-820-100 for wiring and maintenance of the KS-19207 light and blower unit.

5.03 Ensure that the door operated switch assembly (B-650927) actuates properly when the door is closed. Also ensure that the manually operated blower switch assembly (B-684779-2), if present, located in the right rear corner of the booth, turns the blower on and off.

5.04 Ensure that all electrical leads are securely clamped away from the air inlet hole and from the rotating impeller if a blower is present.

5.05 When ballast shows signs of leaking compound, replace the complete KS-19207 unit.

5.06 See Section 508-232-200 for wiring diagrams of multiple installations.

6. LIGHT CONTROL UNIT

6.01 Maintenance instructions for KS-19261 light control units are covered in Section 508-825-100.

7. PANEL REPLACEMENT

SIDE AND REAR PANELS

Warning: 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.

7.01 Replace those panels which are broken or which will not meet local telephone company standards. Refer to Table A for available panels.

7.02 Booth panels and signs are held in place by four interlocking retaining strips. They are inserted in sequence as shown in Fig. 2. The No. 4 strip is rippled and is held in place by interface friction.

7.03 Replace panels as follows:

- (1) Remove No. 4 locking strip.
- (2) Remove retaining strips No. 2 and No. 3.
- (3) Remove retaining strip No. 1.
- (4) Remove panel and rubber glazing strip.
- (5) Apply rubber glazing strip to replacement panel.
- (6) Insert panel into frame with the beaded edge of retaining strip on the outside.
- (7) Replace retaining strips in sequence as shown in Fig. 2.

BOTTOM PANELS

7.04 Replace those panels which are broken or which will not meet local telephone company standards. Refer to Table A for available panels.

7.05 To remove bottom panels, remove Phillips RH screws (eight for short panel and ten for solid panel).

TABLE A
REPLACEMENT PARTS

NAME	PART NO. LIST NO., OR DESCRIPTION	REMARKS			
Actuator Assembly	B-650929	Actuates B-650927 switch assembly			
Angle	B-650824	Support for B-650825 bumper			
Backboard Assembly	B-650829	For coin telephone			
	KS-19425, L25	Use for underground or ground level power entrance. Also use when KS-19426, L17 circuit breaker box is installed.			
Bumper	B-650825	Located in left end of door track as viewed from front of booth			
	B-650826	Located in right end of door track as viewed from front of booth			
	B-684714	Used on left door frame			
Dome Assembly	B-551952	Circular lens and ventilator under light fixture			
Enclosure Assembly	B-685376	Encloses front sign			
Floor	B-650815-1	Tread plate			
	B-650815-2	Abrasive clad plate			
Header Assembly	B-650822				
Lamp	40 Watt-Circline, cool white	Used in KS-19207 light unit			
Leveling Insert Assembly	B-650816-1	Adjustable mounting bracket in rear corner and left front corner			
	B-650816-2	Adjustable mounting bracket in right front corner			
Panels, bottom	KS-19580-	38	Short		
		40	Solid		
Panels, door, side, and rear	KS-19580-	10	Tempered Glass	Side or Rear, small, 7/32-inch thick	
		11		Side or Rear, small, 1/4-inch thick	
		12		Side or Rear, large, 7/32-inch thick	
		13		Side or Rear, large, 1/4-inch thick	
		14		Door, 7/32-inch thick	
		15		Door, 1/4-inch thick	
	32	Aluminum Faced	Side or Rear, small		
			Side or Rear, large		
			90	Porcelain Enamel	Blue
					Gray
91	Side or Rear, large	Red			
		92			

TABLE A (Cont)
REPLACEMENT PARTS

NAME	PART NO. LIST NO., OR DESCRIPTION	REMARKS
Panels, door, side and rear (Cont)	93	Blue
	94	Side or Rear, small
	95	Red
Panels, Sign	16	Aluminum, solid
	35	Aluminum, louvered
	72	Blue background, White letter
	75	White background, Blue letter
	86	Blue blank
	87	White blank
	80	Blue background, White letter
	84	White background, Blue letter
	88	Blue blank
	89	White blank
Panel, Sign Blank	KS-19425-	21 For overhead power and telephone entrance
Plug	Shake Proof Corp. No. 207-440401- 00-0667	Plug button for plugging light control entrance hole
Pin Holder Assembly	B-650819	Used with leveling insert assemblies for adjustments
Roof	B-650855	
Strip, glazing	B-685410-1	Side or rear sign
	B-685410-2	Side and rear glass panels (large)
	B-685410-3	Side and rear glass panels (small)
	B-685410-4	Door panels
	B-685411-1	Multiple installation panel assembly and power entrance panel
	B-685411-2	Aluminum or porcelain type panels (large)
	B-685411-3	Aluminum or porcelain type panels (small)
	B-685410-5	Front sign
Strip, retaining	B-685372-1	Top of door panels
	B-685372-2	Either side of door panels
	B-685372-3	Bottom of door panels
	B-685372-4	Either side of large side panels
	B-685372-5	Locking strip for large side panels
	B-685372-6	Either side of small side panels
	B-685372-7	Top of small side panels, large side panels, or side and rear phone signs

TABLE A (Cont)
REPLACEMENT PARTS

NAME	PART NO. LIST NO., OR DESCRIPTION	REMARKS
Strip, retaining (Cont)	B-685372-8	Locking strip for small side panels
	B-685372-9	Bottom of small side panels, large side panels, or side and rear phone signs
	B-685372-10	Either side of phone signs (front and rear)
	B-685372-11	Locking strip for phone signs
Strip, rubber	B-650854	Adhesive backed roof gaskets*
Switch Assembly	B-650927	Energizes light when door is closed
	B-684779-2	Turns blower motor on and off

* Roof gaskets should be checked for damage each time roof is removed.

8. PHONE SIGNS

8.01 The front sign may be removed as follows:

- (a) Remove four self-tapping screws from top edge of frame and the metal retainer which secures the sign.
- (b) Slide the sign up and out of the enclosure assembly.
- (c) Use reverse procedure for installing.



Roof must be removed before side and rear sign panels can be removed. See Part 14.

8.02 The side and rear signs are removed in the same manner as the side panels (see 7.03 and Fig. 2).

8.03 Replace signs which are broken or which will not meet local telephone company standards. Refer to Table A for available signs.

9. SEAT ASSEMBLY

9.01 Replace those seats (if present) which are broken or which will not meet local telephone

company standards. Refer to Section 508-232-200 for installation procedures.

10. SHELF ASSEMBLIES

10.01 Replace those shelves which are broken or which will not meet local telephone company standards. Refer to Section 508-232-100 for available shelves, and Section 508-232-200 for installation procedures.

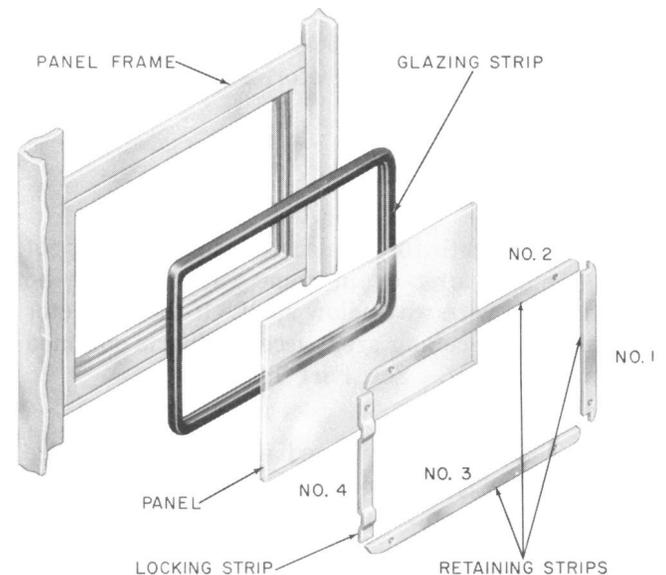


Fig. 2—Assembly of Side or Rear Panels

SECTION 508-232-300

11. DIRECTORIES AND BINDERS

11.01 Directory binder rods or hinge fasteners shall not be broken or distorted to the extent that directories are not capable of being 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.

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

11.03 Ensure that a rubber bumper is in place on the directory rack/hanger to cushion the binder as it drops into the rack.

- B-685401 for KS-19425, List 16 directory rack
- B-697467 for KS-20030, List 3 directory hanger

11.04 Install a new bumper, if required, as follows:

- (a) Soften old adhesive with trichloroethane and remove.
- (b) Install new bumper using 3M Company EC-880 adhesive or equivalent.

11.05 Refer to Section 508-710-101 for additional information on directories and binders.

12. PROTECTOR GROUND

12.01 The protector is located in the rear of ceiling area or in some cases it may be located in the wire way below shelf. If the protector is located in the ceiling area, accessibility is obtained by removing roof. See Part 14.

12.02 The booth is equipped with a bonding wire at the protector. Ensure that this wire is secured to the booth and protector.

12.03 If the bonding wire becomes broken, replace with copper or aluminum wire no smaller than No. 14 gauge.

13. FLOOR

13.01 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.

14. ROOF

14.01 If it becomes necessary to remove the roof, remove 12 No. 8-32 by 5/8 Phillips RH screws and lift off.

14.02 There are four B-650854 adhesive backed rubber strips which are riveted along the booth edge under the roof. Check strips for damage each time roof is removed. Replace strips as necessary.

15. DOOR REQUIREMENTS (See Fig. 3 for Replacement Parts)

15.01 The door shall operate freely and smoothly without squeaking or shattering. The nylon rollers and door track shall be clean of foreign material and the track shall not be gouged, burred, or scored causing rough operation of the door.

15.02 With the booth level, when the door is fully closed manually it shall remain closed until opened manually, and when in the fully closed position the top of the door shall be in alignment with the door frame.

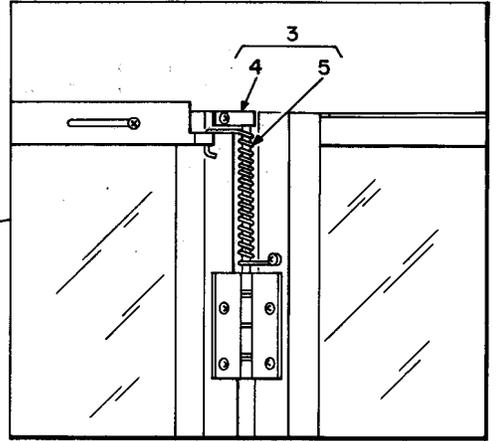
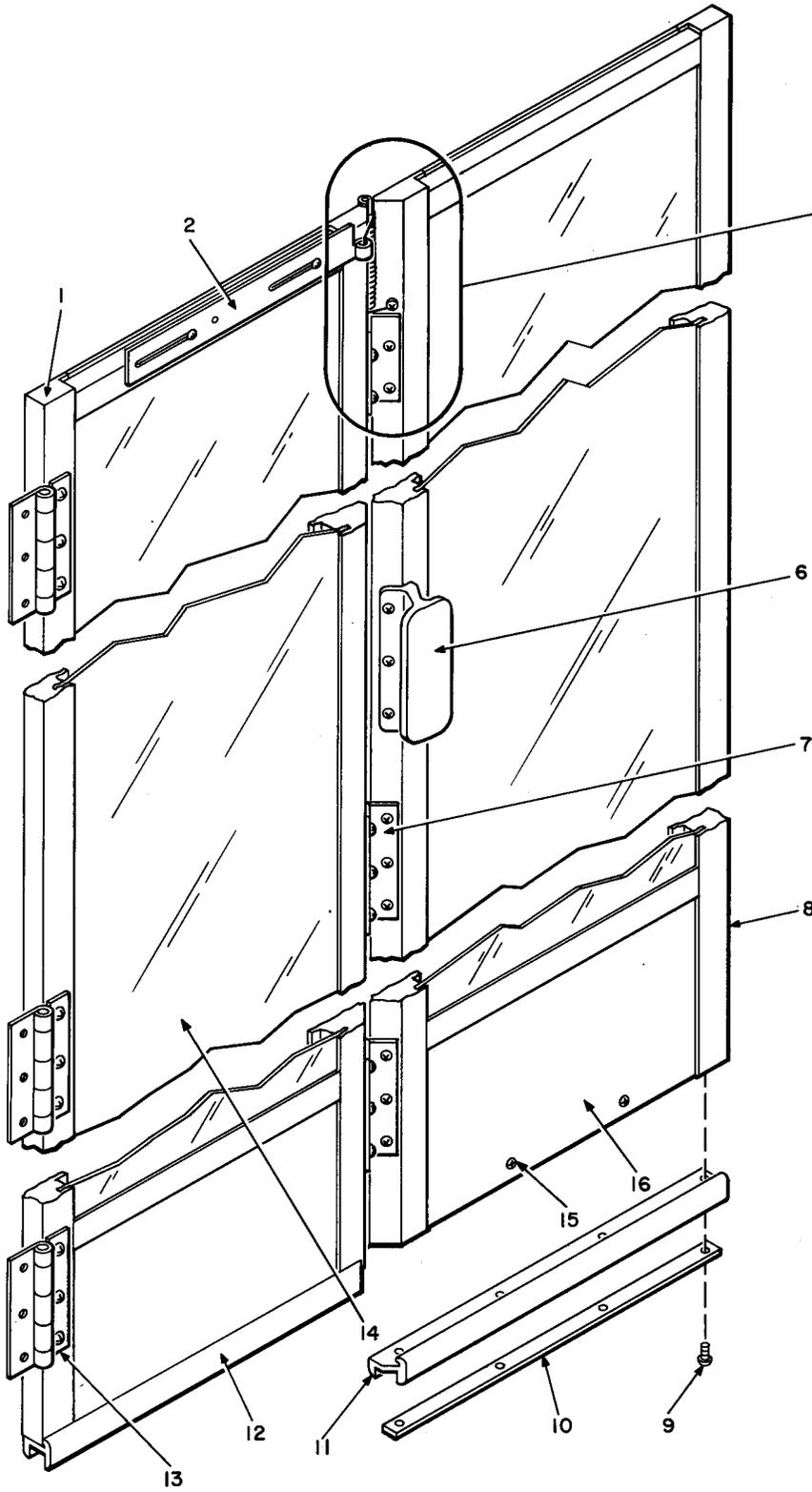
15.03 In outdoor locations, the door shall be held open 2 to 3 inches when in the normal position. Ensure that maximum tension is obtained on spring in center of door (Fig. 3).

15.04 The door actuated switch shall operate as follows when the manual blower switch is on:

- (a) With the door fully closed, the blower motor shall run.
- (b) With the door in the open position specified in 15.03, the blower motor shall be off.



The door switch shall have no effect on the operation of the booth lamps if the lamps are wired for continuous illumination or automatic light control.



- 1. B-684707 RIGHT DOOR ASSEMBLY
- 2. B-684748 STOP ASSEMBLY
- 3. B-684745 TOP HINGE ASSEMBLY
- 4. B-684747 SUPPORT
- 5. B-684746 SPRING
- 6. B-684738 HANDLE
- 7. B-684744 BUTT HINGE ASSEMBLY
- 8. B-650841 LEFT DOOR ASSEMBLY
- 9. NO.8-32 BY 5/8 PHILLIPS RHM SCREW
- 10. B-684741 RETAINER STRIP
- 11. B-684740 DOOR BUMPER
- 12. B-684739 DOOR BUMPER
- 13. B-650842 BUTT HINGE ASSEMBLY
- 14. GLASS PANEL
- 15. NO.6-32 BY 1/2 PHILLIPS FHM SCREW
- 16. B-684742 PANEL

Fig. 3—B-684705 Door Assembly

1. B-650848 ROLLER
2. B-651755-1 DOOR ROD
3. NO. 8-32 BY 1/4 PHILLIPS RHM SCREW (2)
4. B-651720 COVER
5. B-650846 BUSHING
6. NO. 7/64 X 9/16 PIN
7. B-651756 COLLAR
8. B-650849 SPRING
9. B-651719 BASE ASSEMBLY

* ROLLERS ARE NOT A PART OF THIS ASSEMBLY.

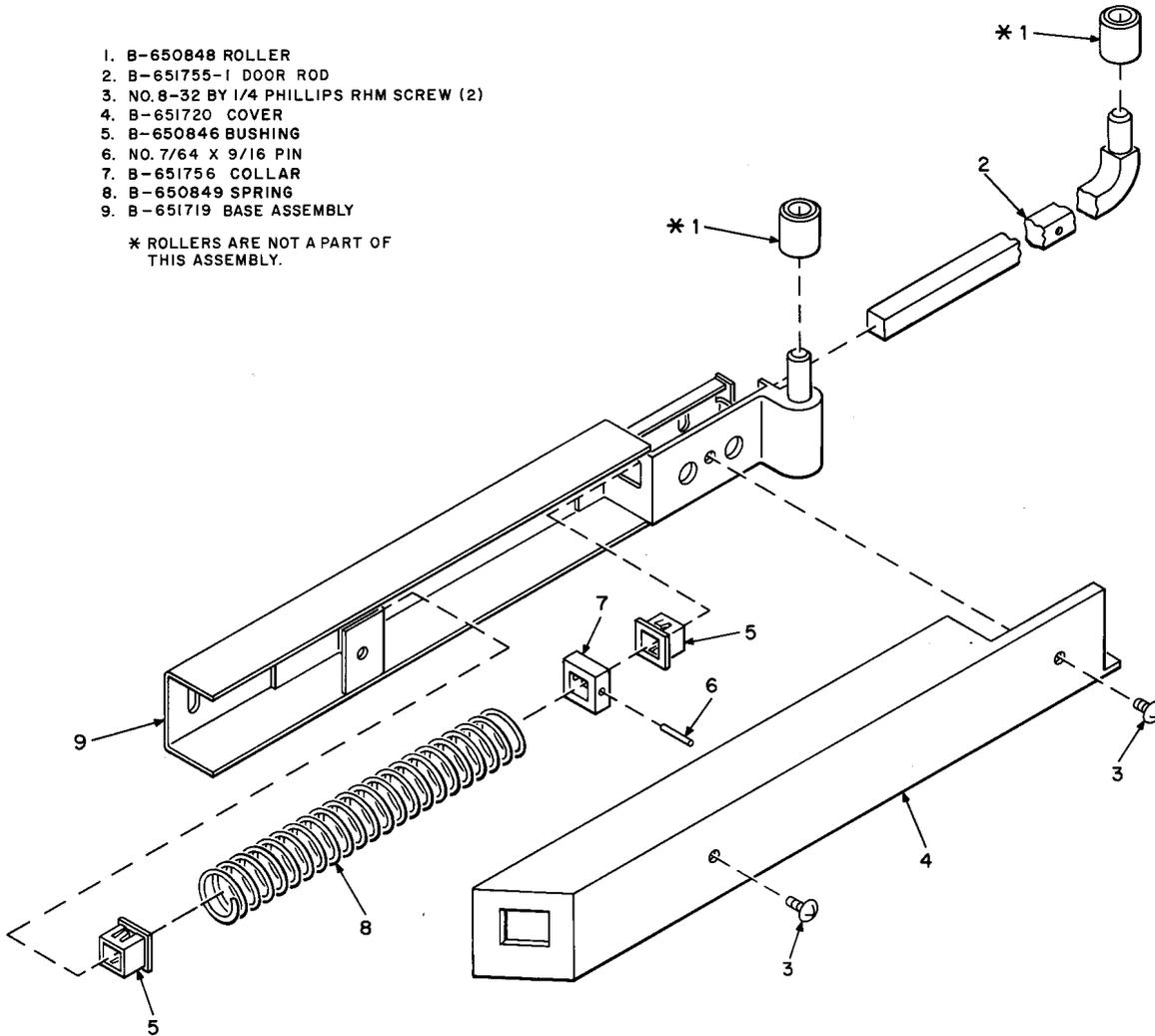


Fig. 4—B-651721-1 Door Guide Assembly

15.05 The open clearance shall be a minimum of 21 inches.

15.06 Rubber bumpers at the bottom of the doors shall not be frayed or torn to expose underlying metal. Screws and retainer strips shall hold bumpers securely.

15.07 Ensure that angle bracket associated with felt bumper in the door track is tight.

16. DOOR MAINTENANCE

16.01 If door hinges squeak, lubricate them at each joint between the barrels with KS-14774,

List 2G lubricating grease or equivalent; a KS-14796 oiler may be used.

16.02 Replace glass panels in same manner as side panels (Fig. 2).

16.03 Replace damaged bumpers along bottom of door (Fig. 3).

17. REPLACEMENT PARTS

17.01 The parts listed in Table A are not shown in Fig. 3 or 4 but may be ordered as necessary.