

KS-20842 "SENTRY*" PUBLIC TELEPHONE ENCLOSURE MAINTENANCE

1. GENERAL

1.01 This section contains maintenance information on single, double, and cluster SENTRY public telephone enclosures. Information contained in this section was formerly found in Section 508-452-100.

1.02 Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

1.03 The local telephone company shall establish safety and appearance standards for all enclosures.

1.04 Inspect the approach to the enclosure and ensure that it is free from all safety hazards.

2. MAINTENANCE

2.01 Replaceable parts for all SENTRY public telephone enclosures are listed in Table A.



Wear eye protection when removing light diffuser or replacing lamps. Turn power off before working on lighting equipment or electrical wiring.

LAMP REPLACEMENT

2.02 *List 31 Housing (Fig. 1).*

(1) Using a KS-19192, List 1 wrench, remove two security screws (item 1) from top of housing and loosen two security screws (item 1) at rear of diffuser.

(2) Remove diffuser and lamps.

(3) Install using reverse procedure.

2.03 *List 31A Housing (Fig. 2).*

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(1) Using a KS-19192, List 1 wrench, remove two flathead security screws (item 1) from rear of diffuser.

(2) Remove the diffuser and lamps.

(3) Install using reverse procedure.

2.04 *List 32 (A&M Only), 33, or 34 (A&M Only) Housing (Fig. 3).*

(1) Using a KS-19192, List 1 wrench, loosen two cam-lock fasteners at top of diffuser and lower the hinged diffuser.

(2) Replace lamps and secure diffuser in its closed position.

2.05 *List 35 (A&M Only) or 35A Housing (Fig. 4).*

(1) Using KS-19192 List 1 wrench loosen two cam-lock fasteners on the front bezel assembly and remove bezel (item 1).

(2) Slide diffuser out and remove lamps.

(3) Install using reverse procedure.

DISASSEMBLY AND ASSEMBLY

2.06 *Disassembly and Assembly of Lists 32 (A&M Only), 33, and 34 (A&M Only) Housing, Panels (Fig. 5).*

(a) Removal of side panel from rear of housing.

(1) Remove the three screws (item 3) from rear bar.

(2) Remove rear bar.

(3) Remove side panel by sliding it back and pushing out.

(4) Install, using reverse procedure.

NOTICE

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

TABLE A
REPLACEMENT PARTS

NAME		PART NO.	REMARKS
Ballast		G.E. No. 8G3748-G2	Used with Light Fixtures in all housings. Replaces 6G3748-G2
Cover, Base	Front	L-765014	Covers the Front of Lists 50 and 51 Bases
	Rear	L-765015	Covers the Rear Portion of List 50 Base
Cover, Directory		KS-21435, L10	Replacement Cover Assembly for KS-21435 Directory Facility
		KS-19426, L42	Replacement Cover Assembly for KS-20030, List 13 Directory Hanger
Cover, Post-Base		L-905594	Covers, (2) For Lists 141 and 143 Post-Base
Diffuser, Sign		B-994684	Covers Light Fixture in List 31 Housing (Phone & Bell)
		L-905512	Covers Light Fixture in List 31 Housing (Charge-a-Call)
		L-905774	Covers Light Fixture in List 31A Housing
		B-994673-1	Covers Light Fixture in Lists 32 and 34 Housings
		B-994673-2	Covers Light Fixture in List 33 Housing
		B-994788	Covers Light Fixture in Lists 35 and 35A Housings
		KS-20135, L6	Replacement Lens for KS-20135, List 3 Illuminated Sign — white graphics on blue background
Fixture Assembly, Light		L-765035	Used in List 31 Housing
		L-905778	Used in List 31A Housing
		L-767089	Used in Lists 32, 33, and 34 Housings
		B-994750	Used in List 35 Housing
Gasket		L-905772-1	Used in List 31A Housing Side Panels
		L-905772-2	Used in List 31A Housing Front and Rear Panels
		L-906079	Used in List 35A Housing Front and Rear Signs
Gasket, Symbol		L-767036	Used with L-767030 Bell System Sign on Sides of Walk-In Housings
Lamp		G.E. No. F-13T8CW or Equiv	12 inches long, 13 Watts, Fluorescent, Used in Lists 31 and 31A Housing
		G.E. No. F-20T12CW or Equiv	24 inches long, 20 Watts, Fluorescent, Used in Lists 32, 33, and 34 Housings
		G.E. No. F-14T12CW or Equiv	15 inches long, 14 Watts, Fluorescent, Used in Lists 35 and 35A Housings

TABLE A (Contd)
REPLACEMENT PARTS

NAME	PART NO.	REMARKS
Lamp (Contd)	Norelco No. 160DE23SB/C or Equiv	Self-ballasted Mercury Lamp for KS-20135 Sign Assembly
	Dura Test Corp. No. 976 or Equiv	160 Watt Self-Ballasted Mercury Lamp for KS-20031 Sign Assembly
Panel Assembly, Front	L-765006-1	For List 40 Post
	L-765006-2	For List 41 Post or List 141 Post-Base
	L-765006-3	For List 43 Post or List 143 Post-Base
Panel, Side Glass	B-994883-1	Left and Right Side Panel on Lists 32 and 33 Housing
	B-994883-2	Left and Right Side Panel on List 34 Housing
	B-994883-3	Left and Right Side Panel on List 35A Housing
	B-994883-4	Left and Right Side Panel on List 35 Housing
Panel, Aluminum, Outside	B-994860-1	Left Panel for List 32 or 33 Housing
	B-994860-2	Left Panel for List 34 Housing
	B-994889-1	Right Panel for List 32 or 33 Housing
	B-994889-2	Right Panel for List 34 Housing
	B-994872-1	Right Rear Panel for List 32 Housing
	B-994872-2	Right Rear Panel for List 33 Housing
	B-994872-3	Right Rear Panel for List 34 Housing
	B-994872-4	Left Rear Panel for List 32 Housing
	B-994872-5	Left Rear Panel for List 33 Housing
	B-994872-6	Left Rear Panel for List 34 Housing
	B-994709-1	Rear Panels for List 35 Housing
B-994709-2	Rear Panels for List 35A Housing	
Panel, Aluminum Steel, Perforated, Inside	B-994664-1	Right Panel for List 32 or 33 Housing
	B-994664-2	Right Panel for List 34 Housing
	B-994865-1	Left Panel for List 32 or 33 Housing
	B-994865-2	Left Panel for List 34 Housing
	B-994875-1	Left Rear Panel for List 32 Housing
	B-994875-2	Left Rear Panel for List 34 Housing
	B-994969-1	Left Rear Panel for List 33 Housing

TABLE A (Contd)
REPLACEMENT PARTS

NAME	PART NO.	REMARKS
Panel, Aluminum Steel, Perforated, Inside (Contd)	B-994877-1	Right Rear Panel for List 32 Housing
	B-994877-2	Right Rear Panel for List 34 Housing
	B-994967-1	Right Rear Panel for List 33 Housing
	B-994978-1	Center Rear Panel for List 33 Housing
	B-994710-1	Rear Panels for List 35 Housing
	B-994710-2	Rear Panels for List 35A Housing
Panel, Stainless-Steel, Perforated, Inside	B-994664-3	Right Panel for List 32 or 33 Housing
	B-994664-4	Right Panel for List 34 Housing
	B-994865-3	Left Panel for List 32 or 33 Housing
	B-994865-4	Left Panel for List 34 Housing
	B-994875-3	Left Rear Panel for List 32 Housing
	B-994875-4	Left Rear Panel for List 34 Housing
	B-994969-2	Left Rear Panel for List 33 Housing
	B-994877-3	Right Rear Panel for List 32 Housing
	B-994877-4	Right Rear Panel for List 34 Housing
	B-994967-2	Right Rear Panel for List 33 Housing
	B-994978-2	Center Rear Panel for List 33 Housing
Panel, Sign	B-994693	Side Panels for List 35 or 35A Housing (L-906031 Charge-a-Call)
	L-906033	Front and Rear Panels for List 35 or 35A Housing (L-906034 Charge-a-Call) Current Version
	B-994695	Front and Rear Panels for List 35 or 35A Housing (L-906030 Charge-a-Call) Early Version.
Sign, Bell Symbol	L-767030	Located on Each Side of Lists 32, 33, and 34 Housings
Sign, Rear	L-765066	Bell Symbol and Word Phone on a Decal Located on Rear of List 31 Housing
Sign, Front and Rear	L-905775	Bell Symbol and Word Phone Located on Front and Rear of List 31A Housing (L-905991 Charge-a-Call)
Sign, Side	L-905773	Word Phone Located in Both Sides of List 31A Housing (L-905990 Charge-a-Call)

TABLE A (Contd)
REPLACEMENT PARTS

NAME	PART NO.	REMARKS
Strip, Glazing	L-767028-3	For Glass Panels on List 35 Housing
	L-767028-4	For Side Sign Panels on Lists 35 and 35A Housings
	L-767028-5	For Glass Panels on Lists 32 and 33 Housings
	L-767028-6	For Glass Panels on List 34 Housing
	L-767028-7	For Glass Panels on List 35A Housing
	B-994696	For Front and Rear Sign Panels on Lists 35 and 35A Housings
Support Rod	KS-21435, L11	Replacement Rod for KS-21435 Directory Facility

(b) Removal of side panel from front of housing.

- (1) Remove the four screws (item 4) from top and bottom rails.
- (2) Remove the four screws (item 5) from top and bottom rails.
- (3) Remove the one bolt (item 6) securing shelf to center rail.
- (4) Remove front rail by pulling forward.
- (5) Remove glass panel by sliding forward.
- (6) Remove center rail by sliding forward.
- (7) Remove side panel by sliding forward.
- (8) Install, using reverse procedure.

(c) Disassembly of side panel.

- (1) Separate perforated panel from outer panel by pulling apart.
- (2) Install, using reverse procedure.

(d) Removal of perforated front panel.

- (1) Remove the two bolts and washers (items 8 and 9) from rear of shelf.
- (2) Remove two nuts (item 10) securing box cover to shelf.

(3) Remove box cover.

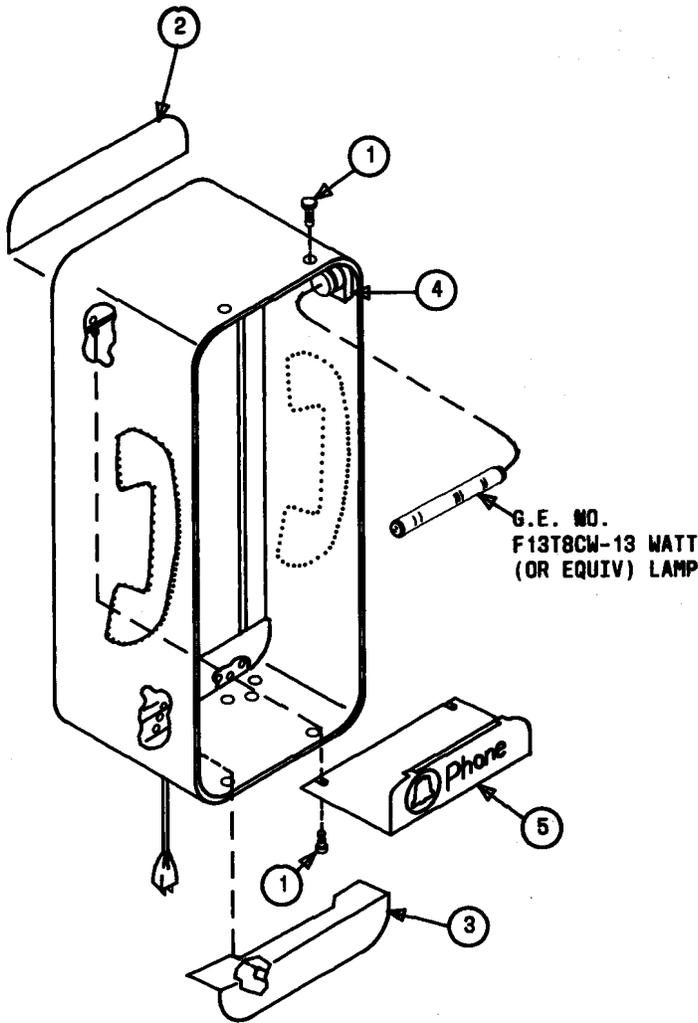
- (4) Remove the two bolts (item 6) securing shelf to rails.
- (5) Remove the two bolts (item 11) securing shelf to housing.
- (6) Remove shelf, passing power cord through post and shelf.
- (7) Remove perforated panel by pulling out at bottom and downward.
- (8) Pass power cord through cable hole in left panel.
- (9) Install, using reverse procedure.

(e) Removal of center perforated panel (List 33).

- (1) Lower diffuser.
- (2) Remove the two screws (item 12) securing center panel.
- (3) Remove center panel by sliding upward approximately 1/2-inch, pull out at bottom, and slide downward to remove.
- (4) Install, using reverse procedure.

(f) Removal of glass panel.

- (1) Remove the four screws (item 4) from top and bottom rails.



LEGEND

- ① L-765065-3 FH SECURITY SCREW
- ② L-765066 REAR SIGN
- ③ L-765034 HOUSING COVER ASSEMBLY
- ④ L-765035 LIGHT FIXTURE ASSEMBLY
- ⑤ B-994684 DIFFUSER (BELL & PHONE)
L-905512 DIFFUSER (CHARGE-a-CALL)

Fig. 1—Lamp Replacement, List 31 Housing

- (2) Remove front rail by pulling forward.
- (3) Remove glass panel by sliding forward.
- (4) Install, using reverse procedure.

2.07 Disassembly and Assembly of List 35 (Fig. 6) and List 35A (Fig. 7) Housing, Panels, Signs, and Diffuser.

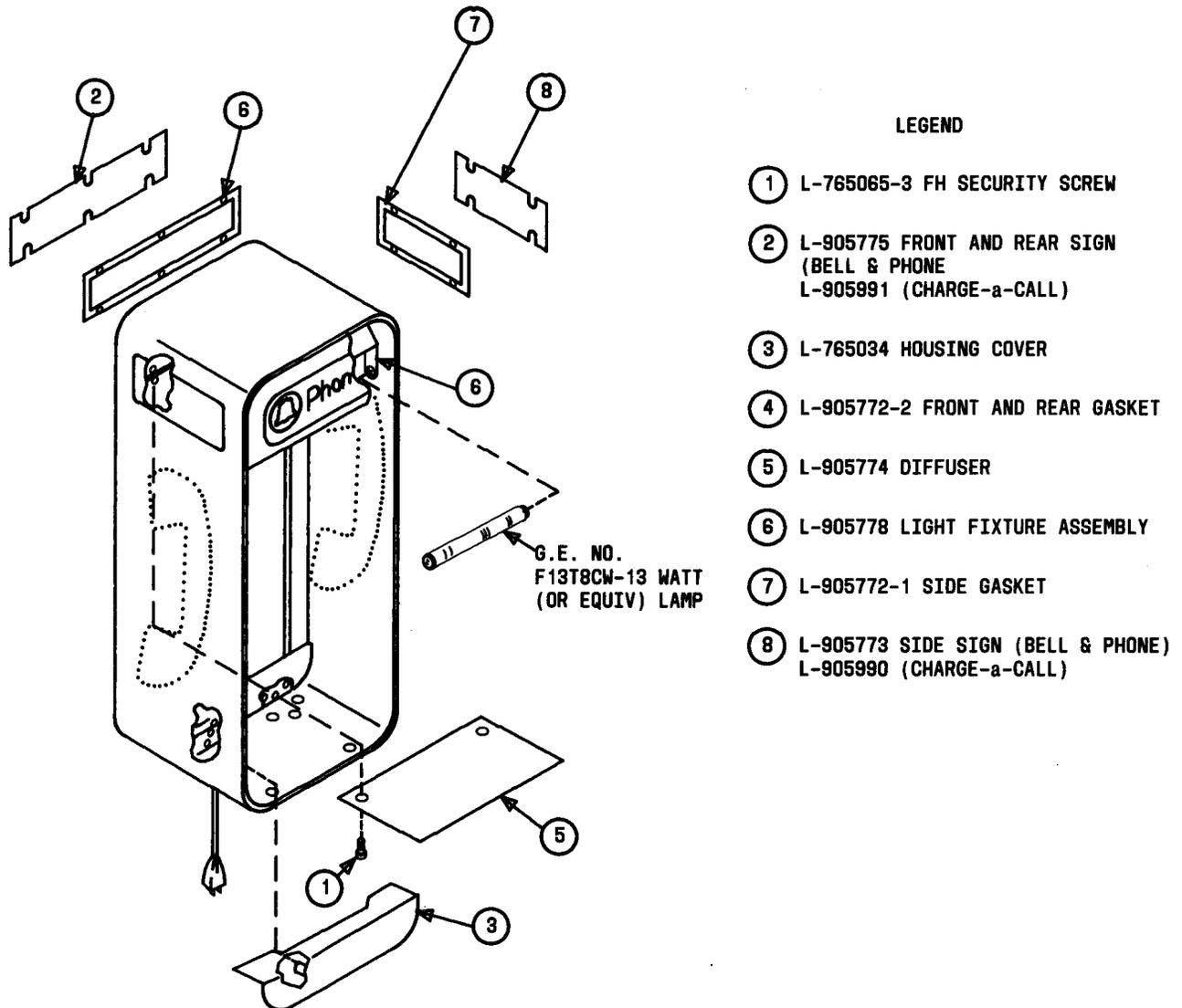
(a) Removal of glass panel (item 9).

- (1) Remove the two screws (item 1) from top rail.

- (2) Remove the two screws (item 1) from bottom rail.
- (3) Remove front rail by pulling forward.
- (4) Remove glass panel by sliding forward.
- (5) Install, using reverse procedure.
- (b) Removal of side sign (item 10).

- (1) Remove front rail [perform (a) (1), (2), and (3)].

- (2) Remove side sign by sliding forward.



LEGEND

- ① L-765065-3 FH SECURITY SCREW
- ② L-905775 FRONT AND REAR SIGN (BELL & PHONE)
L-905991 (CHARGE-a-CALL)
- ③ L-765034 HOUSING COVER
- ④ L-905772-2 FRONT AND REAR GASKET
- ⑤ L-905774 DIFFUSER
- ⑥ L-905778 LIGHT FIXTURE ASSEMBLY
- ⑦ L-905772-1 SIDE GASKET
- ⑧ L-905773 SIDE SIGN (BELL & PHONE)
L-905990 (CHARGE-a-CALL)

Fig. 2—Lamp Replacement, List 31A Housing

- (3) Install, using reverse procedure.
- (c) Removal of diffuser (item 11).
 - (1) Loosen the two security head fasteners 1/4 turn on front bezel (item 20).
 - (2) Remove front bezel by pulling down.
 - (3) Remove diffuser by sliding forward.
 - (4) Install, using reverse procedure.
- (d) Removal of inside panel (item 12).
 - (1) Remove diffuser as described in (c).
 - (2) Remove one screw (item 2) inside ceiling (need only be finger tight).
 - (3) Allow top of inside panel to rotate forward and lift panel out when panel clears ceiling.
 - (4) Install, using reverse procedure.

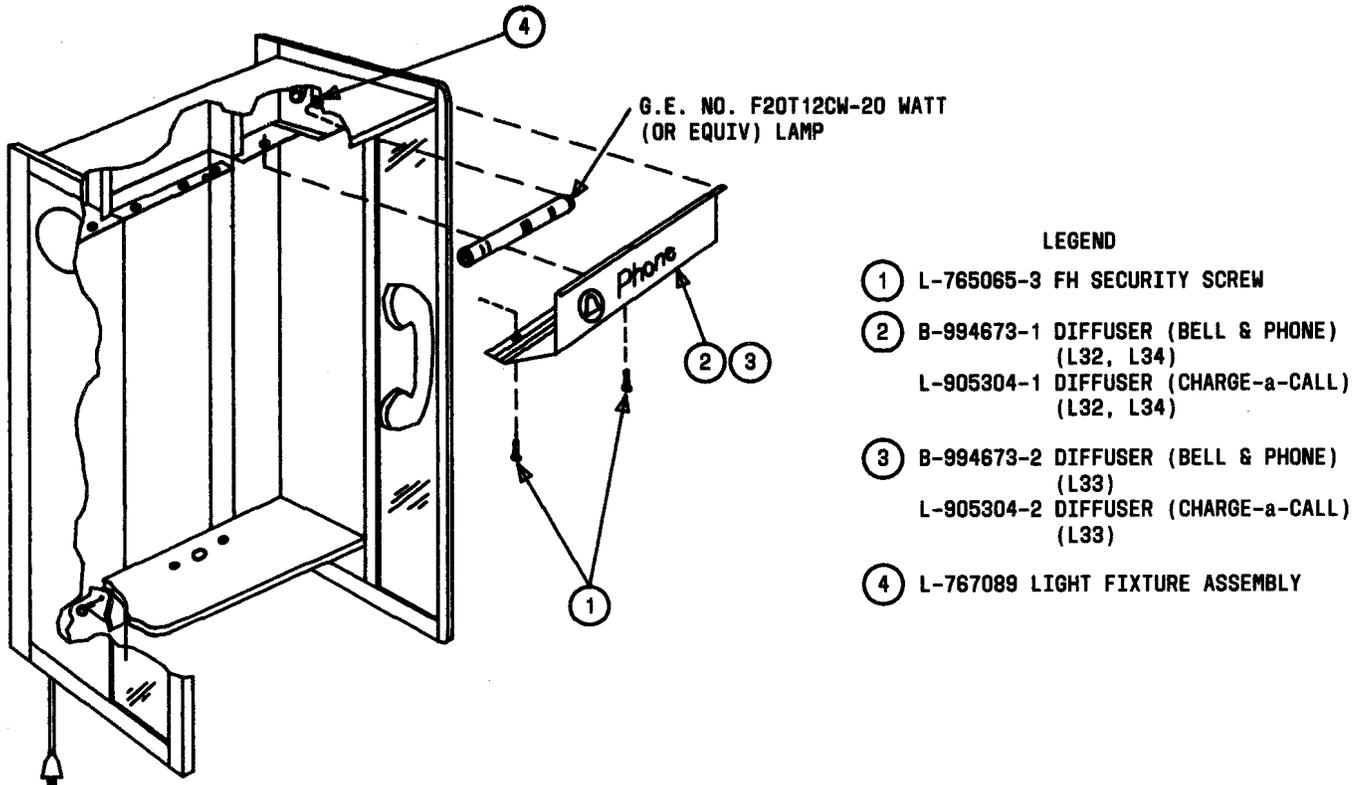


Fig. 3—Lamp Replacement, List 32, 33, or 34 Housing

(e) Removal of front or rear sign (item 14) List 35 and early version List 35A (Fig. 6).

(1) Remove diffuser as described in (c).

Danger: Wear eye protection when handling the fluorescent lamps.

(2) Remove the two fluorescent lamps.

(3) Remove the six screws and washers (items 5 and 7).

(4) Remove retaining frame by lifting up and out.

(5) Remove sign by pushing on sign from outside and remove through diffuser opening.

(6) Install, using reverse procedure.

(f) Removal of front or rear sign (item 14) current version of List 35A (Fig. 7).

(1) Remove diffuser as described in (c).

Danger: Wear eye protection when handling the fluorescent lamps.

(2) Remove the two fluorescent lamps.

(3) Remove the eight hex nuts and washers (item 5).

(4) Remove sign by pushing on sign from outside and remove through diffuser opening.

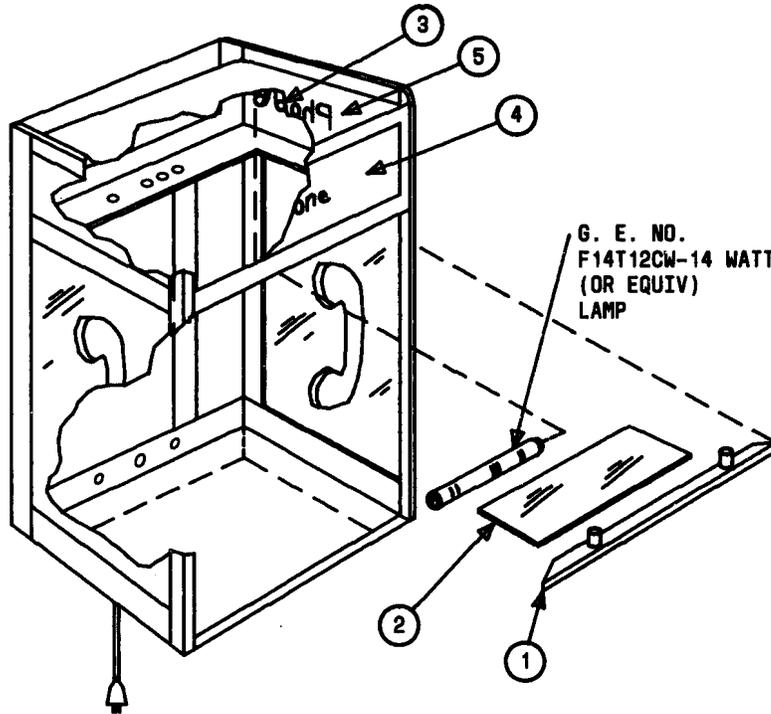
(5) Install, using reverse procedure.

REPLACEMENT PARTS

2.08 For replacement parts other than those previously illustrated, refer to Table A.

CLEANING

2.09 Clean telephone enclosures in accordance with Section 508-100-101.



LEGEND

- ① B-994705 FRONT BEZEL ASSEMBLY
- ② B-994788 DIFFUSER
- ③ B-994750 LIGHT FIXTURE ASSEMBLY
- ④ L-906033 FRONT AND REAR SIGN (BELL & PHONE)
(L-906034 CHARGE-a-CALL)
- ⑤ B-994693 SIDE SIGN (BELL & PHONE)
(L-906031 CHARGE-a-CALL)

Fig. 4—Lamp Replacement, List 35 or 35A Housing

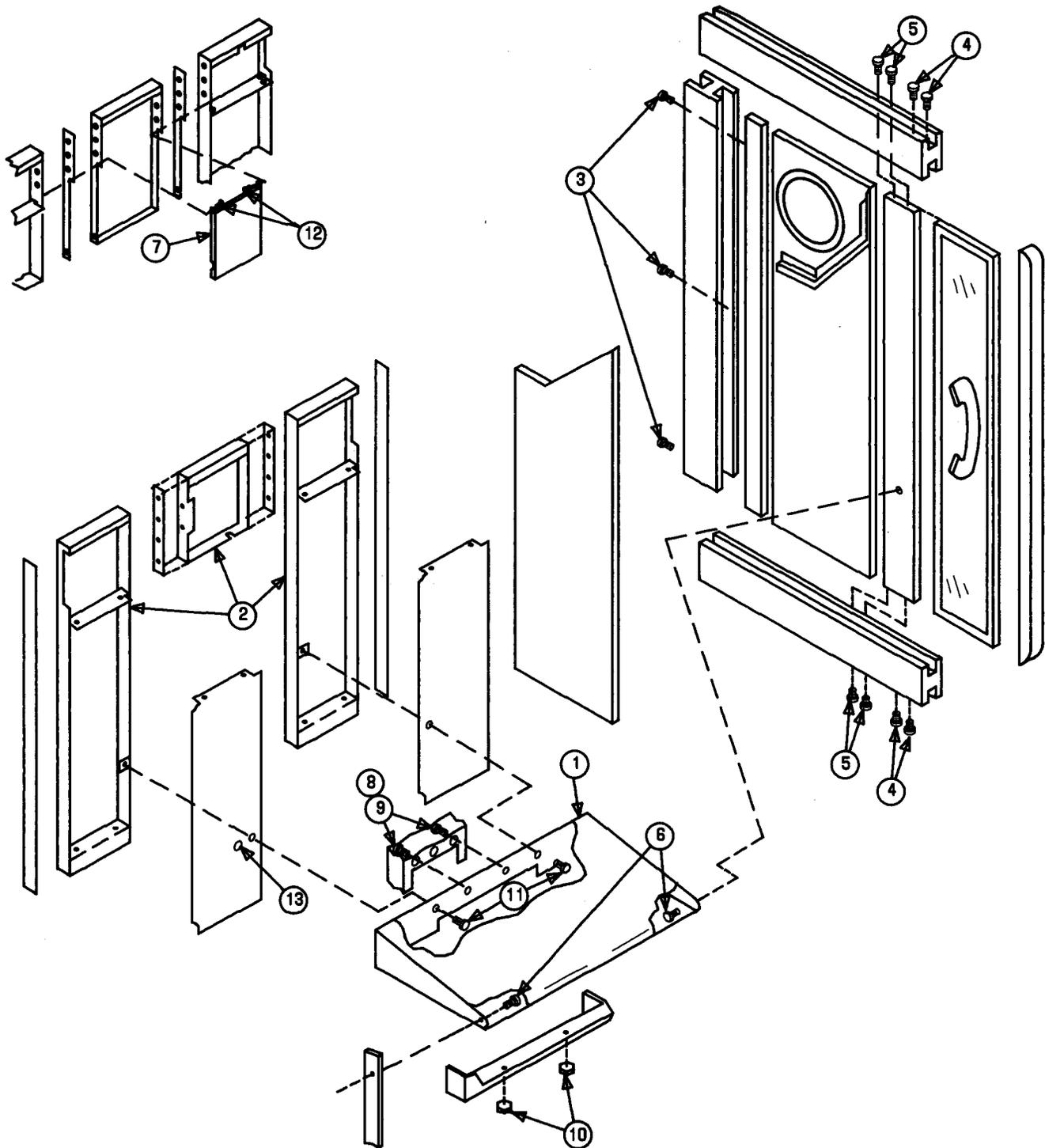


Fig. 5—Disassembly and Assembly of Lists 32, 33, and 34 Housing, Panel (Sheet 1 of 2)

LEGEND

- ① SHELF
- ② BACK FRAME
- ③ NO. 10-24 X 1-IN. SOCKET HD SCREW
- ④ NO. 10-32 X 3/4 IN. SOCKET HD SCREW
- ⑤ NO. 10-24 X 1-3/4-IN. SOCKET HD SCREW
- ⑥ 0.312-18 X 1/2-IN. HEX HD BOLT
- ⑦ CENTER PANEL (L33 HOUSING ONLY)
- ⑧ 0.312-18 X 3/4-IN. HEX HD BOLT
- ⑨ 0.344 X 0.875 X 0.063 PLAIN WASHER
- ⑩ NO. 10-32 NYLON HEX MACHINE NUT
- ⑪ 1/4-20 X 5/8-IN. HEX HD BOLT
- ⑫ NO. 8-32 X 1/2-IN. TRUSS HD SCREW
- ⑬ CABLE HOLE

Fig. 5—Disassembly and Assembly of Lists 32, 33, and 34 Housing, Panels (Sheet 2 of 2)

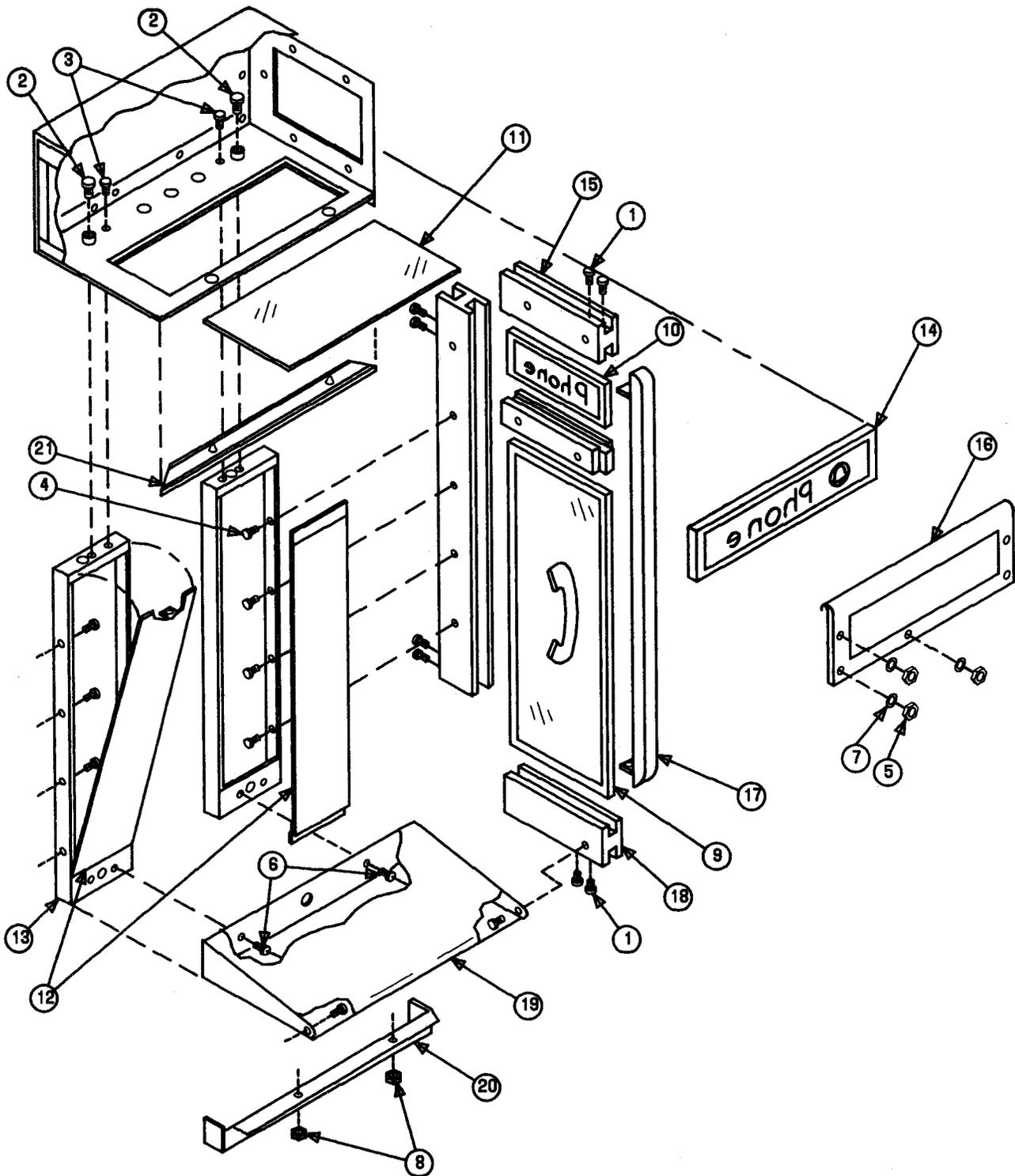


Fig. 6—Disassembly and Assembly of Lists 35 and 35A (Early Version) Housing, Panels, Signs, and Diffuser (Sheet 1 of 2)

LEGEND

- ① NO. 10-32 X 3/4-IN. SOCKET HD SCREW
- ② NO. 10-32 X 1-1/2-IN. HEX HD SCREW
- ③ NO. 10-32 X 1/2-IN. HEX HD SCREW
- ④ NO. 10-32 X 3/8-IN. HEX HD SCREW
- ⑤ NO. 8-32 X 1/4-IN. RH PHILLIPS SCREW
- ⑥ 1/4-20 X 5/8-IN. HEX HD SCREW
- ⑦ NO. 10 PLAIN WASHER
- ⑧ NO. 10-32 NYLON HEX NUT
- ⑨ B-994883-4 GLASS PANEL
- ⑩ B-994693 SIDE SIGN (BELL & PHONE) (L-906031 CHARGE-a-CALL)
- ⑪ B-994788 DIFFUSER
- ⑫ B-994710 INSIDE PANEL
- ⑬ B-994709 OUTSIDE PANEL
- ⑭ B-994695 FRONT & REAR SIGN (BELL & PHONE) (L-906030 CHARGE-a-CALL)
- ⑮ TOP RAIL
- ⑯ FRONT RAIL
- ⑰ BOTTOM RAIL
- ⑱ SHELF
- ⑲ BOX COVER
- ⑳ FRONT BEZEL
- ㉑ RETAINING FRAME

Fig. 6—Disassembly and Assembly of Lists 35 and 35A (Early Version) Housing, Panels, Signs, and Diffuser (Sheet 2 of 2)

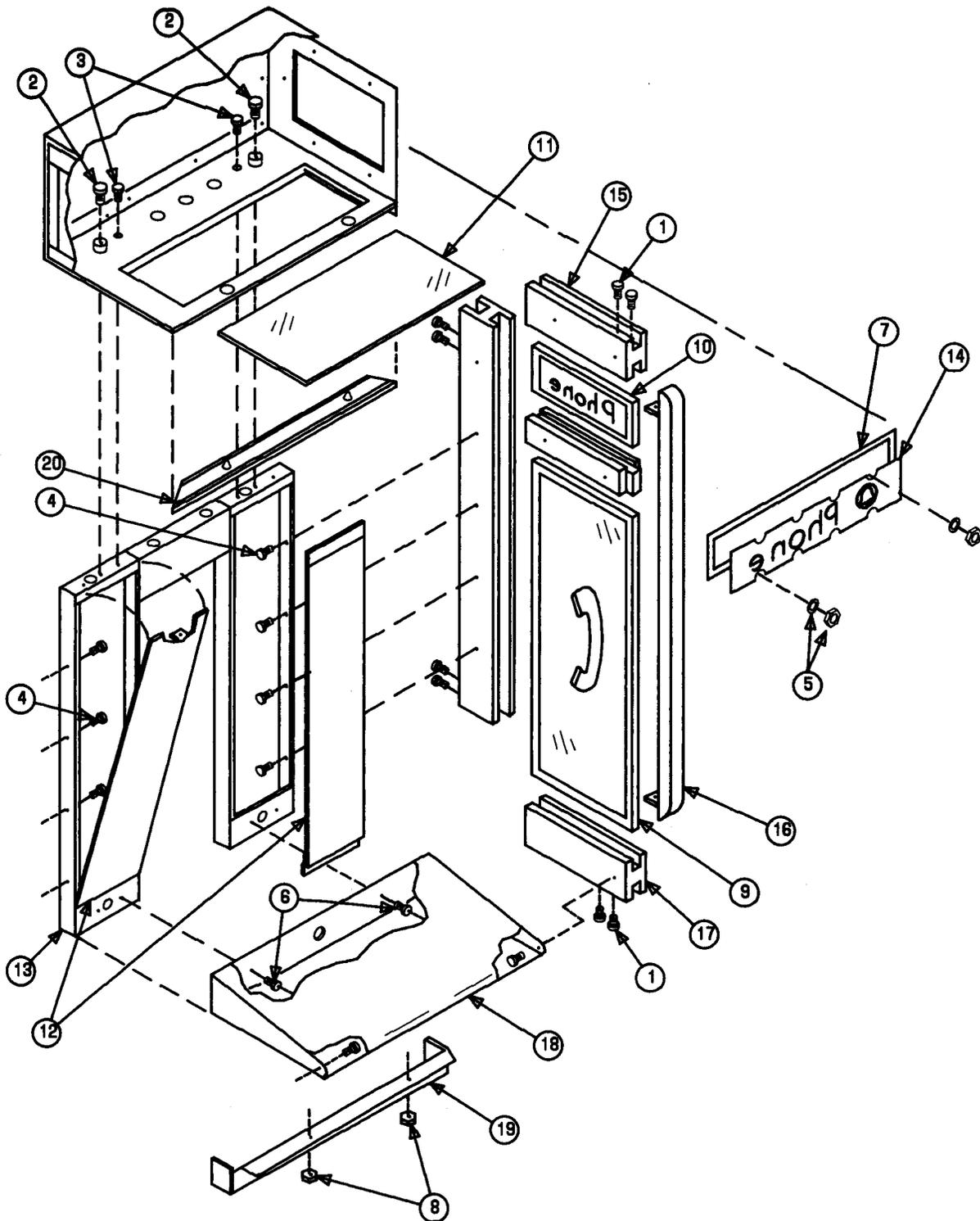


Fig. 7—Disassembly and Assembly of List 35A Housing, Panels, Signs, and Diffuser
(Sheet 1 of 2)

LEGEND

- ① NO. 10-32 X 3/4-IN. SOCKET HD SCREW
- ② NO. 10-32 X 1-1/2-IN. HEX HD SCREW
- ③ NO. 10-32 X 1/2-IN. HEX HD SCREW
- ④ NO. 10-32 X 3/8-IN. HEX HD SCREW
- ⑤ NO. 8-32 HEX NUT AND WASHER
- ⑥ 1/4-20 X 5/8-IN. HEX HD SCREW
- ⑦ GASKET
- ⑧ NO. 10-32 NYLON HEX NUT
- ⑨ B-994883-3 GLASS PANEL
- ⑩ B-994693 SIDE SIGN (BELL & PHONE) (L-906031 CHARGE-a-CALL)
- ⑪ B-994788 DIFFUSER
- ⑫ B-994710-2 INSIDE PANEL
- ⑬ B-994709-2 OUTSIDE PANEL
- ⑭ L-906033 FRONT & REAR SIGN (BELL & PHONE) (L-906034 CHARGE-a-CALL)
- ⑮ TOP RAIL
- ⑯ FRONT RAIL
- ⑰ BOTTOM RAIL
- ⑱ SHELF
- ⑲ BOX COVER
- ⑳ FRONT BEZEL

**Fig. 7—Disassembly and Assembly of List 35A Housing, Panels, Signs, and Diffuser
(Sheet 2 of 2)**