

**PUBLIC TELEPHONE SIGNS
ENAMELED IRON AND ALUMINUM, MASONITE,
TRANSLUCENT, AND DECALCOMANIA TYPES
INSTALLATION**

1.00 INTRODUCTION

1.01 This section is reissued to:

- Add 3.08.
- Add Table B.

1.02 Due to extensive changes, marginal arrows have been omitted.

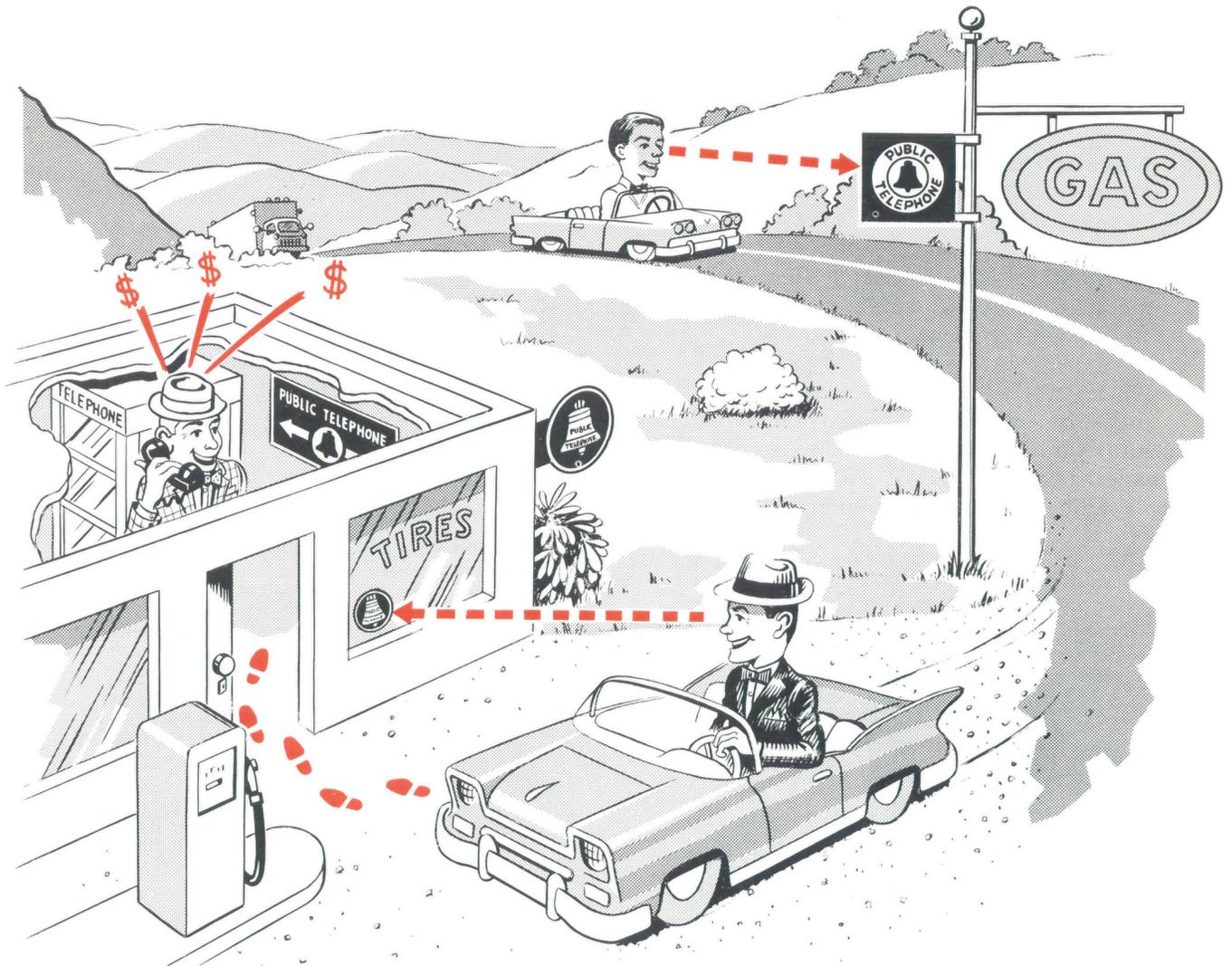


Fig. 1 – Various Sign Installations

2.00 GENERAL

Exercise every safety precaution when selecting locations for signs. Consideration should be given to the following before installations are made.

- Signs should be clearly visible.
- Cemented signs must not be located over doorways, entrances, or in other locations where people may walk or stand under them.
- Projecting signs must not be installed where the public may come in contact with them.

THINK Signs mounted at angles to or suspended from a wall should be installed so that the headroom is not less than 8 feet.

3.00 ENAMELED IRON AND ENAMELED ALUMINUM SIGNS—NO. 23, 24, 25, KS-16597, AND KS-19027 TYPES

3.01 KS-19027, Lists 1 and 2 signs may be mounted on flat surfaces with screws (Fig. 2) or with cement (Fig. 3).

3.02 KS-19027, List 3 sign is aluminum with a pressure-sensitive adhesive on back for mounting. Adhesive is protected by a removable cellophane backing (Fig. 3). To mount pressure-sensitive adhesive aluminum sign:

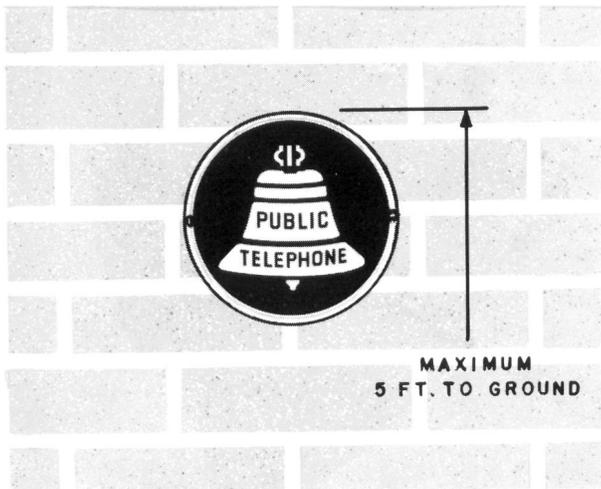


Fig. 2—KS-19027, List 1 Sign Mounted with Screws

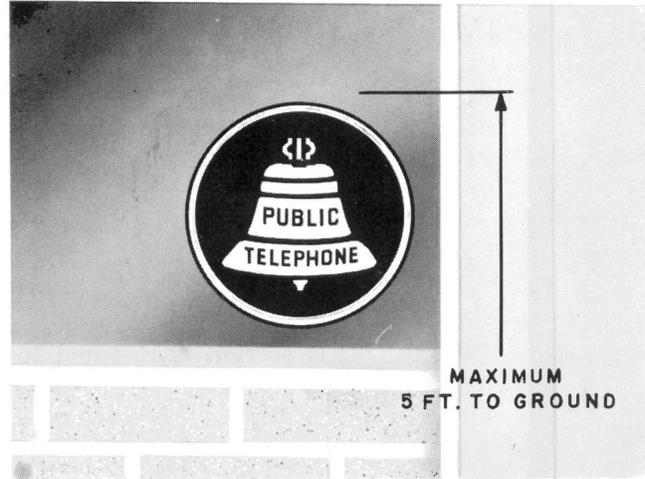


Fig. 3—KS-19027, Lists 2 and 3 Signs Mounted with Cement and Adhesive, Respectively

1. Surface must be clean and dry.
2. Remove cellophane protective backing.
3. Press sign firmly in position against flat clean surface.

3.03 Use the cement sign kit as follows:

1. Clean surface with KS-7860 petroleum spirits and wipe dry.
2. Apply cement to sign as shown in Fig. 4.
3. Place wax pellets on sign.
4. Press sign firmly in position against surface.
5. Remove excess cement around sign.

- If sign tends to slide, place several strips of tape to hold it until cement hardens.

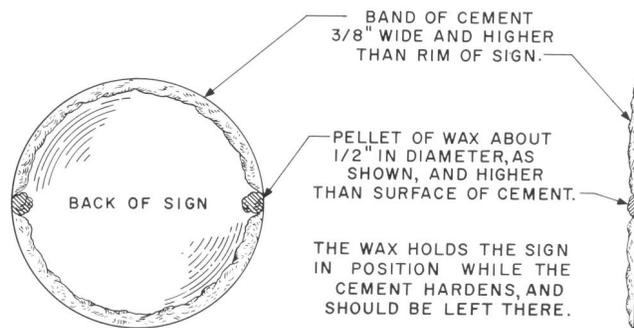


Fig. 4—Method of applying Cement and Wax



Fig. 5 - KS-16597-Type Sign

3.04 Cemented signs may be removed by carefully chipping out the cement between the sign and mounting surface. Chip around the entire circumference until sign is loosened. Do not pry sign off as this may damage mounting surface.

3.05 No. 23, 24, and KS-16597 types are flanged signs for mounting at right angles to a surface. The KS-16597 type replaces the No. 23 and No. 24 signs.

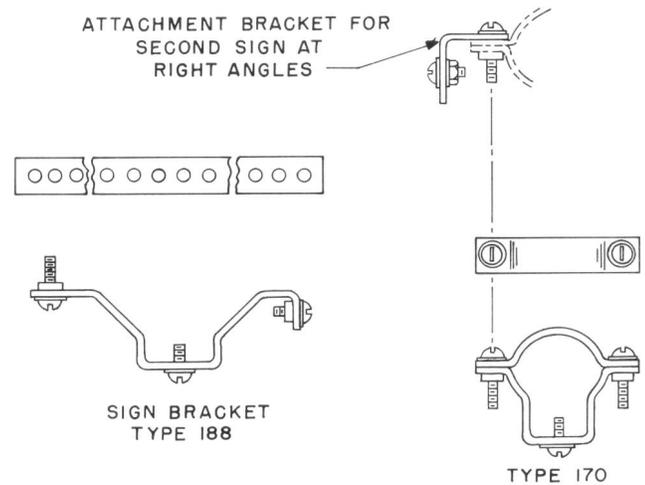


Fig. 7 - 170- and 188-Type Sign Brackets

3.06 KS-16597-type signs may be mounted at right angles to a flat surface (Fig. 5) or on a post or pole with 170- or 188-type brackets (see Fig. 6).

3.07 Fig. 7 shows the type of mounting brackets for metal pole installations. Table A lists the various sizes and types of 170- and 188-type sign brackets.

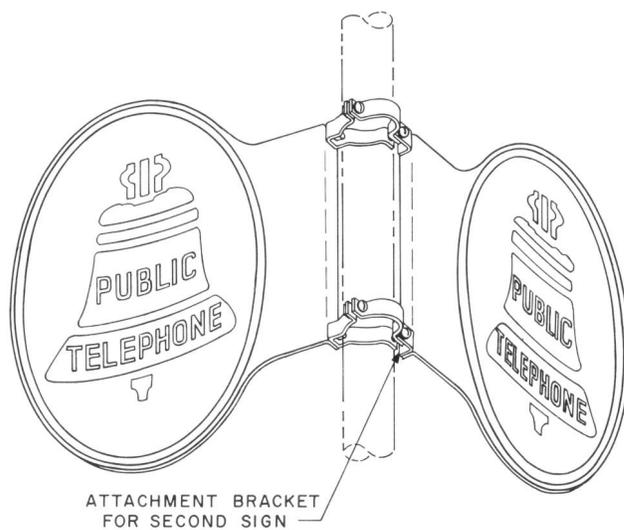


Fig. 6 - Double Installation, KS-16597-Type Signs

TABLE A
BRACKETS TO MOUNT 23-, 24-, AND
KS-16597-TYPE SIGNS ON METAL POLES

Type	Size	Diameter of Support
		inches
170	2	1-7/8 to 3
	3	3 to 4
	4	4 to 5
188	6	5 to 8
	10	8 to 12

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3.08 For general rules to be applied when locating public telephone signs, refer to Table B.

3.09 To mount sign KS-16597, List 3 with 170- or 188-type sign brackets, a KS-16597, List 4 reinforcing plate will be required. This prevents buckling. (See Fig. 8.)

3.10 No. 25 sign has a directional arrow and may be mounted on flat surfaces (Fig. 9)

or suspended (Fig. 10). Brackets for mounting the No. 25 sign at angles to the wall are listed in Table C.

4.00 SIGNS, MASONITE, NO. 60A AND 60B

No. 60A and 60B signs are used on indoor booths. Use 3/4-inch No. 8 RH wood screws for fastening. The two signs are mounted in the same manner. Fig. 11 shows a No. 60A sign installation.

TABLE B

Fasteners for Mounting No. 23, 24, 25, and KS-16597 - and KS-19027-Type Signs and 25A and B Sign Brackets

Surface	Flanged Signs No. 23, 24, and KS-16597	Signs No. 25 and KS-19027 No. 25A and B Brackets
Wood or Metal Sheath on Wood	1-1/4 inch No. 14 RH galvanized wood screws.	1-inch No. 10 RH galvanized wood screws.
Masonry, Brick, Concrete, etc	1-1/4 inch No. 14 RH galvanized wood screws in No. 10-14 x 1-inch screw anchors.	1-inch No. 10 RH galvanized wood screws in No. 10-14 x 1-inch screw anchors.
Solid Metal	1/2-inch No. 10-24 brass machine screws. Use No. 23 straight shank twist drill and No. 10-24 machine screw plug tap.	
Metal Sheath on Furring or Other Framework	Appropriate size wall screw anchors or 1/4 x 4-inch RH toggle bolts. Make 3/4-inch hole for toggle bolts.	
Hollow Tile, Plastered; Wire Lath, Plastered	Appropriate size wall screw anchors or 3/16 x 4-inch BH toggle bolts. Make 5/8-inch hole for toggle bolts.	
Wood Lath, Plastered	Appropriate size wall screw anchors.	Four 1-1/2 inch No. 10 RH galvanized wood screws.
Masonry, Plastered	2-inch No. 10 RH galvanized wood screws in 10-14 x 1-1/2 inch screw anchors.	

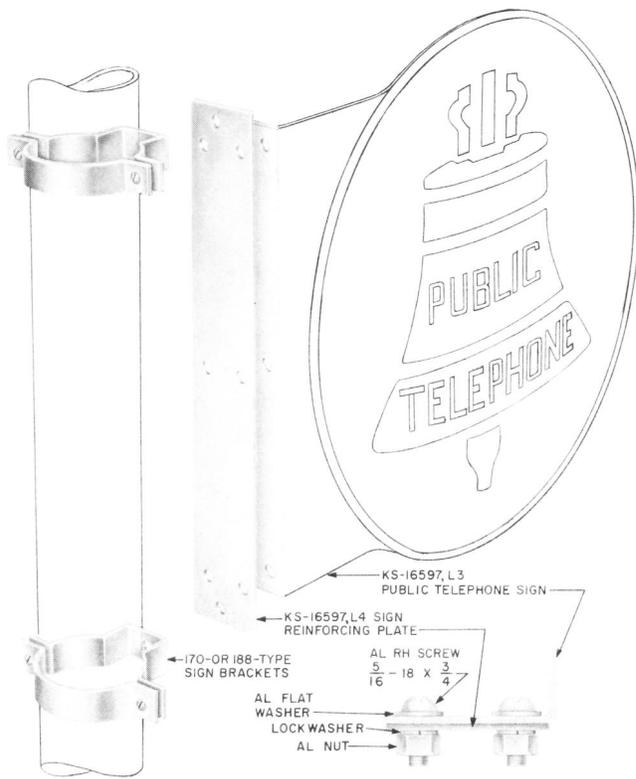


Fig. 8 — KS-16597 Sign and List 4 Reinforcing Plate

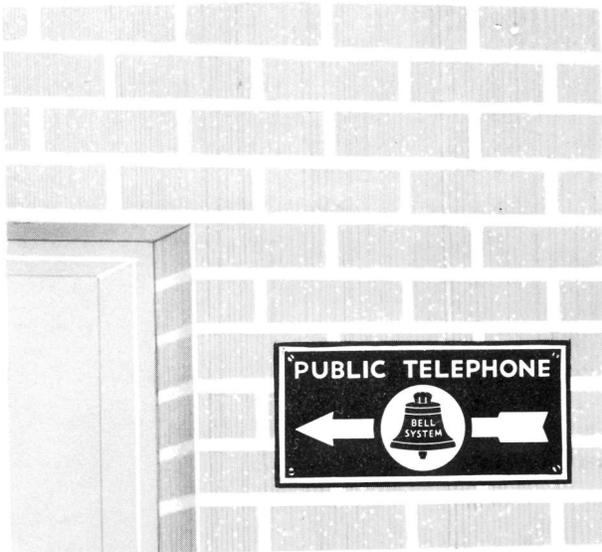


Fig. 9 — No. 25 Sign on Flat Surface

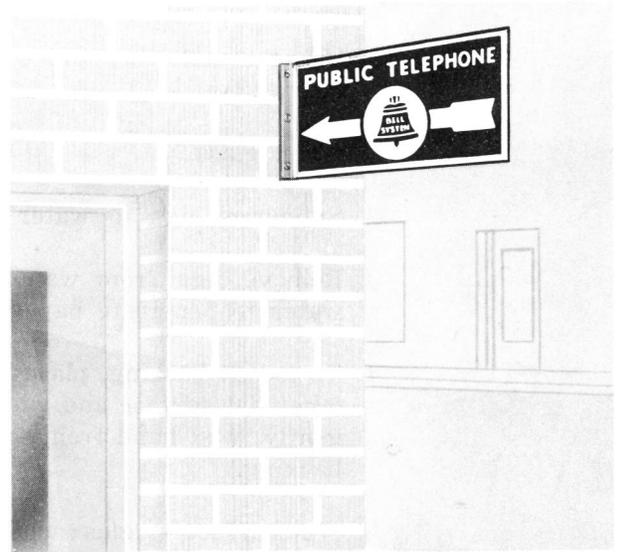


Fig. 10 — No. 25 Sign, Suspended

TABLE C
BRACKETS TO MOUNT NO. 25 SIGN AT
ANGLES TO WALL

Bracket	Sign	Angle to Wall
		degrees
25A	25	90
25B*		45

* Two 5/8-inch No. 10 brass machine screws, nuts, and washers are furnished with bracket.



Fig. 11 — No.60A Sign on Booth Front

5.00 SIGNS, DECALCOMANIA, No. 50A and 50B

Use the following procedure to install the 50-type decalcomania signs (Fig. 12) :

1. Clean glass.
2. Submerge sign in water for about 15 seconds.
3. Remove sign from water and wait approximately 2 minutes for water to penetrate paper backing and soften adhesive.
4. To loosen backing, place sign with paper backing against glass or other flat surface and, with palm of one hand against the transfer, gently twist hand from side to side until transfer starts to slide off backing.
5. Wet surface of glass where sign is to be mounted.
6. Slide transfer partially off paper backing. Hold the projecting edge of transfer against glass and withdraw paper from underneath transfer.
7. Position sign and rub surface from center to edge to remove excess water and air bubbles.



Fig. 12 — 50-Type Sign Installation