

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C44.131
Issue 2, July, 1954
AT&T Co Standard

TELEPHONE BOOTHS

1, 2, 5, 6, 10, AND 11 TYPES

SUPPLIES

1. GENERAL

1.01 This section is reissued to make corrections, to include additional supply items, and to delete others in connection with indoor-type telephone booths. Due to the extensive changes made marginal arrows have been omitted.

2. SUPPLIES

<u>Index</u>	<u>Ordering Information and Description</u>
Adhesives	Adhesive, Minnesota Mining & Mfg. Co., EC-194. Or approved equivalent. For use in cementing floor liner to booth base. Adhesive, Minnesota Mining & Mfg. Co., EC-847. Or approved equivalent. For use in cementing rubber floor to liner.
Assemblies	P-19B512, Ceiling Assembly. For use in 1-, 2-, 5-, and 6-type booths, equipped with a 4A light fixture. P-339902, Bezel Assembly. Face plate for 4A light fixture. P-339917, Ceiling Assembly. For use in 10- and 11-type booths and equipped with a 4A light fixture. This assembly is also prepared for installation of a KS-14125 blower. P-371692, Faceplate. Assembly for 1- and 3-type light fixtures. P-381054, Faceplate Repair Kit. Includes plate, lens, bracket, and hinges for the 1- and 3-type light fixtures. Assembly, Blade, #22902. For KS-8164 ventilator. Includes die cast nose and rubber blades. Does not include spider.

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11 TYPES
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Ordering Information and Description

Backboards

Backboard, 167A-3.

Black finish. For mounting coin collector in 5- and 6-type booths.

Backboard, 167A-32.

Hammered beige enamel finish. For mounting coin collector in 10- and 11-type booths.

Bearing

P-381022, Bearing.

For pivot in wooden pole hinge plate.

Blanks

P-347248, Apparatus Blank.

Beige finish. To cover hole in ceiling of 10- and 11-type booths when KS-14125 blower is omitted.

Blank, Apparatus, 42B.

For plugging 1/2 in. wiring holes.

Blank, Apparatus, 72C.

For plugging 1 in. and 1-1/8 in. holes when fan is removed from the 1-, 5-, and 6-type booths.

Blank, Apparatus, 74A.

For use in 5- and 6-type booths when light fixture is omitted.

Blower

Blower, KS-14125. (List 5 or 6.)

Hammered beige enamel finish. Used in 10- and 11-type booths for ventilation. List 5, 110-120 volt ac, List 6, 110-120 volt dc. The Lists 5 and 6 are equipped with a rubber shock mounting to replace shipping blocks necessary in Lists 1, 2, 3, and 4. Blower is equipped with an on and off switch and a cord for connection to a light fixture.

Brackets

P-349531, Seat Bracket.

For the 101U seat.

P-373417, Seat Bracket.

For the 101T seat.

Bumper

P-12A336 Felt Bumper.

For door guide track. Should be used in all cases where a P-12A332 door guide pin roller is used.

Bushings

Bushing, Antishort, National Electric Products Corp. No. 1.

Or approved equivalent. A thin fibre bushing to protect wire against end of armor.

P-381019, Bushing.

For pivot on wooden pole hinge.

P-467627, Bushing.

Part for 215-type switch and 3-type light fixture rod. Used as an insulator between hinge rod and switch rod (see washers).

Cables

P-239840, Cable.

33 in. length. For connecting 2B directory light fixture to booth light fixture in 5- and 6-type booths, except when booths are equipped with a 4A light fixture. Manufacture discontinued. Replaced by cable *P-385425.

***P-349647, Cable.**

46 in. length. For use as interconnecting cable between light fixtures of adjacent 5-, 6-, 10-, and 11-type booths. Consists of 2-conductor No. 14 armored bushed cable with spade terminal ends assembled with antishort bushings and box connectors. This cable may also be used between a light fixture and a cutout switch. Replaces cable P-370283 which may be used with a 5- or 6-type booth if not equipped with a 4A light fixture.

***P-349648, Cable.**

49-1/2 in. length. For use between light fixture and power supply outlet. Consists of 2-conductor armored bushed cable assembled with antishort bushings, one box connector, and other accessories. Replaces cable P-370287 which may still be used with 5- and 6-type booths not equipped with 4A light fixtures.

***P-349649, Cable.**

48 in. length. 2-conductor cable. For use between the light fixture and the power supply. Consists of a 3-prong polarized plug with the third prong grounded on the cable sheath. Replaces the P-370288 cable.

***These cables have heat resistant insulation approved for operation at 75° C., specified for 4A light fixture, may be used with others.**

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Ordering Information and Description

**Cables
(Cont'd.)**

***P-349715, Cable.**

16 in. length. For use between booth light fixture and KS-9786 relay. Consists of 2-conductor No. 14 armored bushed cable and all other accessories. Replaces cables P-370281, P-370286, and P-370289.

P-370281, Cable.

10 in. length. For use between surface cabinet or cutout switch and booth light fixture except where 4A fixtures are involved. Replaced by *P-349715.

P-370286, Cable.

16 in. length. For use between 204A switch and 1A light fixture on earlier 5- and 6-type booths. Replaced by *P-349715 cable.

P-370288, Cable.

48 in. length. For use between light fixture and power outlet on booths not equipped with 4A light fixtures. Replaced by P-349649.

***P-385425, Cable.**

37 in. length. For use with 2D and 2B light fixtures and connected to the 4A light fixture. Omit washer when used with a 61-type flush panel. Consists of 2-conductor No. 14 Ovalflex flat armored bushed cable and accessories. Replaces low temperature cable P-239840 which may be used with other than 4A fixture.

Cloths

Cloth, Dust.

White cotton. For cleaning and polishing wood surfaces and linings.

Cloth, Scrub.

Recovered fleece lined. For washing finished wood surfaces of booths.

Coverings

P-339595, Floor Covering.

Russet and cream mottled synthetic rubber flooring for 5-, 6-, 10-, and 11-type booths having stainless steel-type treads (see liners).

P-340285, Floor Covering.

Same as P-339595 except modified for 5- and 6-type booths equipped with bronze tread (see liners).

Door	<p>P-339584, Door Assembly. (Specify Finish) Order as unfinished, med. oak, med. mahogany, dark mahogany, or walnut. Complete door assembly for the 5-, 6-, 10-, and 11-type booths.</p>
Fixtures	<p>Fixture, Light, 2B. For directory lighting. Consists of a metal shade provided with a pull chain lock socket. A 544A key operates lock. When used on end panels, a P-385425 cable is required for connecting to booth light fixture.</p> <p>Fixture, Light, 2D. Same as the 2B fixture except that it has a *P-385425 cable connected to it.</p> <p>Fixture, Light, 3A. Used in the 5- and 6-type booths. Consists of a light fixture, switch, switch operating rod, pivot rod, and connecting block for telephone wires. The entire faceplate and box cover open downward. Replaced by 4A fixture.</p> <p>Fixture, Light, 4A. Consists of a receptacle box, switch, operating rod, sealed directive lens, and a connecting block for telephone wires. The faceplate opens downward and gives access for maintenance. It is recommended that a 40 watt "Duro Test" long life lamp be used. This fixture replaces the 3A fixture.</p>
Frame	<p>Frame, Card, KS-14123. Beige enamel finish. For printed matter. Glass included.</p>
Gasket	<p>P-347605, Rubber Gasket. Used with bezel faceplate, 4A light fixture.</p>
Glasses	<p>P-370110, Glass. Full length. For large door section of 5-, 6-, 10-, and 11-type booths.</p> <p>P-370111, Glass. Full length. For small door section of 5-, 6-, 10-, and 11-type booths.</p> <p>P-370135, Glass. Short length. For large door section of 5- and 6-type booths. Recovery stock.</p>

***These cables have heat resistant insulation approved for operation at 75° C., specified for 4A light fixture, may be used with others.**

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Ordering Information and Description

Glasses
(Cont'd.)

P-370136, Glass.

Short length. For small door section of 5- and 6-type booths. Recovery stock.

Glass, Door, 9-1/4 in. x 36 in. x 1/4 in.

Large section, No. 1-type booth. Recovery stock or purchase locally.

Glass, Door, 4-1/2 in. x 36 in. x 1/4 in.

Small section of 1-type booth. Recovery stock or purchase locally.

Glass, Frame, Card, 7 in. x 10 in. x 3/32 in.

For KS-14123 and KS-6480 card frames.

Handle

P-294629, Door Handle.

Brown vitreous, enameled. For 5-, 6-, 10-, and 11-type booths.

Hinges

P-370230, Butt Hinge Assembly.

Middle and bottom. For the 1-, 2-, 5-, 6-, 10-, and 11-type booths. Drilled for pivot rod mounting.

P-370234, Butt Hinge Assembly.

For the 5-, 6-, 10-, and 11-type booths. Drilled for pivot rod mounting.

P-370242, Hinge.

Piano type. For the 5-, 6-, 10-, and 11-type booths.

Key

Key, 544A.

For the later 1-, 2-, and 3-type light fixtures. Note: For Rotolock No. 2, see wrench.

Lamp

Lamp, 40 Watt, 110-120 Volt, Duro Test.

Or equivalent. A long life lamp (2500 hrs.).

Lens

P-347192, Lens.

For 1- and 3-type light fixtures.

P-389569, Lens.

For the 4A light fixture.

Liners

P-339839, Liner.

For use under P-339595 floor in the 10- and 11-type booths, also for the 5- and 6-type booths having stainless steel tread.

P-340286, Liner.

Used under the P-340285 floor in earlier 5- and 6-type booths with bronze tread.

Linings	Lining, Booth, KS-14723, L2. Left side.
	Lining, Booth, KS-14723, L4. Right side.
	Lining, Booth, KS-14723, L5. Rear. These are a heavy steel lining with a beige porcelain finish which may be replaced in the field or in the Western Electric Shop. The L4 and L5 have cutouts for coin collector backboard.
Locks	Lock, Simmons, Rotolock, No. 2. Used on the 5-, 6-, 10-, and 11-type booths at attended stations when not in service. Not furnished unless specified on order.
	Lock, Corbin, No. 164. For door in 53-type panels.
Lubricant	Lubricant, Compound No. 3A, KS-8496, 4 oz. For use on door piano hinge.
Nut	Nut, Tee, Steel, 1/4 in.—20. For mounting seat and coin collector backboard.
Oil	Oil, KS-6232, 4 oz. For lubricating fan bearings.
Paint	Paint, Enamel, Green, No. 439. For booths with pebble lining. (Forest drab.)
Panel	Panel. For the 5- and 6-type booths, see Table 2 of Section C44.103, Telephone Booths—Description. For the 10- and 11-type booths, see Table 1, same section. Type 1 and 2 booths, recovery stock only.
Pins	Pin, Cotter, 3/64 in. x 1/2 in. For assembling the hinge rod to switch rod on 215-type switch and 3- and 4-type light fixtures.
	P-16A400, Guide Pin. For guiding doors on the 1-, 2-, 5-, 6-, 10-, and 11-type booths.
	P-210784, Escutcheon Pin. No. 16, 3/4 in. For fastening corner moulding in the 5- and 6-type booths.

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Ordering Information and Description

Plates

P-370133, Base Plate.

Brown steel. For inner side of large door section of the 5-, 6-, 10-, and 11-type booths.

P-370208, Base Plate.

Brown steel. For hardwood back or panel of 5-, 6-, 10-, and 11-type booths and 60-type panels.

P-370251, Base Plate.

For end panels of the 5-, 6-, 10-, and 11-type booths.

Plugs

Plug, Attachment, Arrow Hart & Hegeman, No. 7073.

Or approved equivalent. For cables P349648 and P-370287.

Plug, Knockout, 1/2 in.

For closing knockout opening in booth receptacle box.

Polishes

Polish, Furniture, Bell System.

For polishing linings and finished wood surfaces of booths.

Paste, Metal, Bell System.

For cleaning and polishing booth linings and finished wood surfaces of booths.

Relay

Relay, KS-9786.

For booth light control at attended pay stations. Replaces the 171B relay.

Rods

P-339746, Rod.

Used between door and mercury switch, part of the 4A light fixture.

P-465154, Pivot Rod.

Replacement part for 215A or B switch. Washers and screws included.

P-465155, Rod.

Replacement part for 215A switch. Used between pivot rod and mercury tube.

P-474984, Rod.

3A light fixture. Recovery stock.

Roller

P-12A332, Roller.

For door guide pin. Replaces the P-370165 block.

- Roof **P-347591, Roof.**
For 10- and 11-type booths. Modify locally for other type booths.
- Sandpaper **Sandpaper, No. 00 and No. 1-1/2.**
Used to remove rust spots on booth linings when refinishing.
- Screws ***P-42B360, Screw.**
O.H.S.W., 8, 3/4 in. For louvers on 10- and 11-type booths. Replaces P-143318.
- *P-42B361, Screw.**
R.H.S.W., 6, 1/2 in. For blower apparatus blank (P-347248). Replaces P-381122.
- *P-42B362, Screw.**
R.H.S.W., 6, 5/8 in. For cove moulding. Replaces P-381121.
- *P-42B363, Screw.**
R.H.S.W., 6, 7/8 in. For binder strips. Replaces P-381120.
- *P-42B364, Screw.**
R.H.S.W., 6, 1 in. For cove moulding.
- *P-42B365, Screw.**
O.H.S.W., 9, 1-1/2 in. For porcelain shelf. Replaces P-381128.
- *P-42B366, Screw.**
B.H.S.W., 8, 5/8 in. For end panel base plates and piano hinge and kick plate. Replaces P-370930.
- *P-42B367, Screw.**
B.H.S.W., 8, 7/8 in. For piano hinge (outside edge). Replaces P-350929.
- *P-42B368, Screw.**
O.H.S.W., 8, 1-1/2 in. For door stops. Replaces P-381074.
- *P-42B369, Screw.**
F.H.S.W., 9, 1 in. For butt hinge. Replaces P-210701.
- *P-42B370, Screw.**
F.H.S.W., 9, 1-1/2 in. For guide pin. Replaces P-210702.
- *P-42B371, Screw.**
O.H.S.W., 9, 1-1/2 in. For mounting back panel. Replaces P-350930.
- *Recessed (Phillips Type Screw).**

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Ordering Information and Description

Screws

***P-42B373, Screw.**

F.H.S.W., 8, 3/4 in. For handle (inside edge).

***P-42B374, Screw.**

F.H.S.W., 8, 1 in. For handle (outside edge).

P-121961, Screw.

R.H.I.W., 8, 3/4 in. For mounting 15-type and 18A and 18C shelves.

P-146298, Cap Screw.

Hex. Hd., 1/4-20 x 1 in. Used to attach seat to 6- and 11-type booths. Lock washers included.

P-160234, Screw.

R.H.I.W., 14, 3/4 in. Used to attach seat bracket to booth.

P-321128, Screw.

O.H.I.W., 9, 1-1/2 in. An oval head oxidized screw for attaching end panels and separators to the 5-, 6-, 10-, and 11-type booths. Replaced by P-42B365.

P-381096, Screw.

Hex. Hd. Cap, 1/4-20 x 1-1/8 in. Used with tee nuts to attach seat bracket to the 1-type booths.

P-381098, Screw.

R.H.I.W., 9, 3/4 in. Used to attach booth seat to bracket.

Screw, Cap, Hex. Hd. 1/4-20 x 1-1/2 in.

Used to attach 167-type backboard.

Screw, Wood, Iron, R.H. 8, 1-1/2 in.

Used to mount 18B shelf.

Screw, Machine, Iron, R.H. 8-32 x 1/4 in. (RM-611317).

Used to mount P-465154 pivot rod. Lock-washer included.

Seats

Seat, 101T.

Bronze finish. For use in 6-type booths, includes mounting bracket, cap screws, tee nuts, and wood screws.

Seat, 101U.

Russet finish. For use in 11-type booths, includes mounting bracket, cap screws, tee nuts, and wood screws.

Shelves

Shelf, 14W. (Specify Finish)

Order as unfinished, med. oak, dark mahogany, med. mahogany, or walnut. A wooden shelf for use with the 53-type rear panel in 5- and 10-type booths. Furnished with 10, 1-1/2 in. F.H.W. slt. mounting screws.

Shelf, 18B.

Brown finish. A wooden shelf used in 5- and 6-type booths having wood pole hinge on door.

Shelf, 18E.

Beige porcelain enamel finish. Equipped with a hinged metal panel plate for mounting subscriber set. Replaces the 18A and 18D shelves. Furnished with screws and cup washers.

Socket

Socket, Lamp, Shurlock Socket Body, S-1628.

Replacement part for 2-type light fixture.

Stops

P-370129, Door Stop.

Unfinished, wood, for top of small door section of 5-, 6-, 10-, and 11-type booths.

P-370130, Door Stop.

Same as above except for brown finish.

P-370140, Door Stop.

Unfinished, wood, for top of large door section of 5-, 6-, 10-, and 11-type booths.

P-370143, Door Stop.

Same as above except for brown finish.

Strips

P-339592, Binder Strip.

(Rear) For floor covering of 5-, 6-, 10-, and 11-type booths.

P-339593, Binder Strip.

(Right Side) For floor covering of the 5-, 6-, 10-, and 11-type booths.

P-339594, Binder Strip.

(Left Side) For floor covering of the 5-, 6-, 10-, and 11-type booths.

*Recessed (Phillips Type Screw).

<u>Index</u>	<u>Ordering Information and Description</u>
Switches	<p>Switch, 215A. For operating light in the 5- and 6-type booths. Consists of P-470164 mercury tube switch and bracket assembled in a metal box and furnished with rod P-465155, and pivot rod P-465154. Screws and washers furnished for mounting.</p> <p>P-470164, Mercury Switch. A tube-type switch with leads and terminals attached. For use in 215-type switches, 3- and 4-type light fixtures.</p>
Ventilator	<p>Ventilator, Booth, KS-8164 (List 1 or 2). Small rubber-bladed fan mounted on a corner bracket with a manual control switch. Equipped with a cord which connects to the booth light fixture. List 1 for ac, List 2 for dc.</p>
Washers	<p>P-370240, Washer. Fibre washer used as an insulating member in conjunction with bushing P-467627 between the pivot rod and switch rod on 215-type switches and the 3- and 4-type light fixtures.</p> <p>P-381129, Cup Washer. A No. 8 cup washer used with No. 9 screw for end panels and separators on the 5-, 6-, 10- and 11-type booths.</p> <p>Washer, Lock, Nontangling, 1/4 in. x 9/64 in. x 5/64 in. For seat mounting cap screws.</p> <p>Washer, Lock, Shakeproof, #1208. Part of 215-type switch.</p>
Wrenches	<p>Wrench, Allen, KS-8187. For removing and replacing the KS-8164 ventilator and the KS-14125 blower. (Wrench size 5/32 in.)</p> <p>Wrench, Simmons, Rotolock 6 in. x 6 in. Hex. Type. Used for operating Rotolock No. 2 (Wrench size 5/16 in.)</p>