

SUBSCRIBER SETS

688, 690, 1690, AND 2690 TYPES

IDENTIFICATION

1. GENERAL

1.01 This section contains information on the 688-, 690-, 1690-, and 2690-type subscriber sets.

1.02 The reasons for reissuing this section are listed below. Revision arrows are used to emphasize the more significant changes.

- Show 35Y3A dial manufacture discontinued (MD)
- Add information on 72C3A (MD) and current 72H3A dials in Table B and Fig. 8, 9
- Remove ringer volume control arm from C4A ringer, Fig. 3.

2. IDENTIFICATION

2.01 Table index is as follows:

Table A — Replacements for Subscriber Sets Rated Manufacture Discontinued

Table B — 688-, 690-, 1690-, and 2690-Type Subscriber Set Components

Table C — 688-, 690-, 1690-, and 2690-Type Subscriber Set Functions

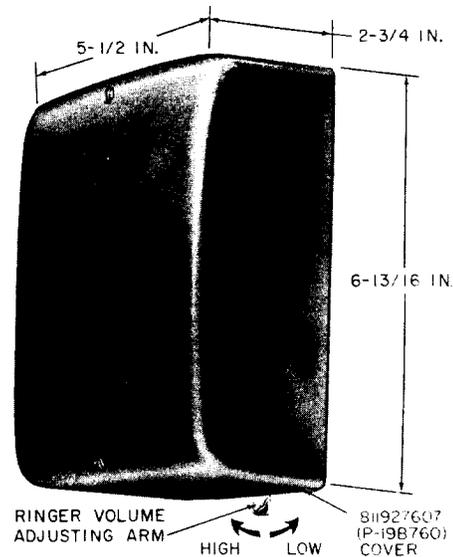


Fig. 1—688-Type Subscriber Set, External View

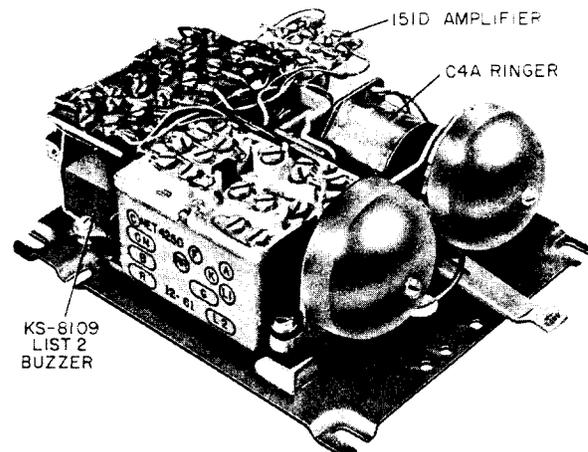


Fig. 2—688A (MD) or 688B (MD) Subscriber Set, Internal View

NOTICE

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

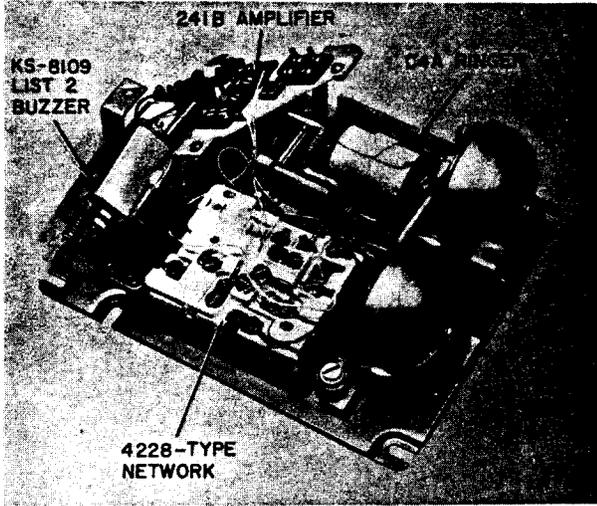


Fig. 3—688C Subscriber Set, Internal View

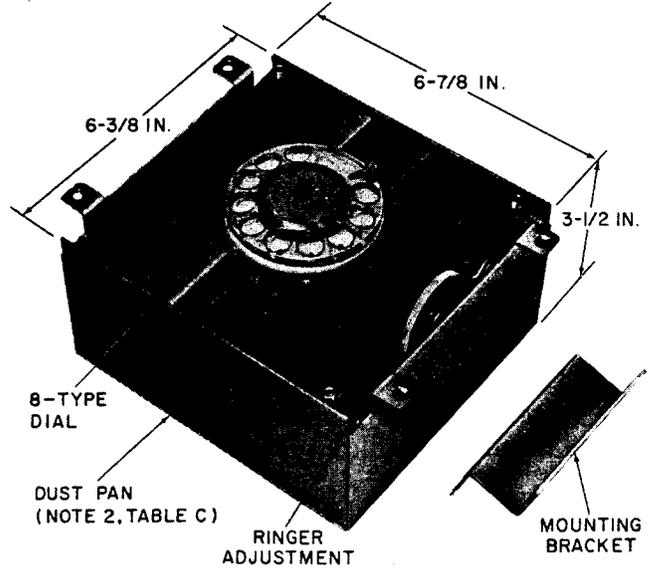


Fig. 5—690C2 Subscriber Set

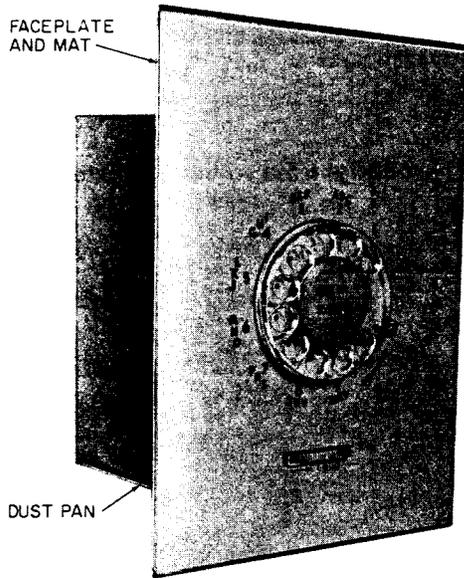


Fig. 4—690C1 Subscriber Set

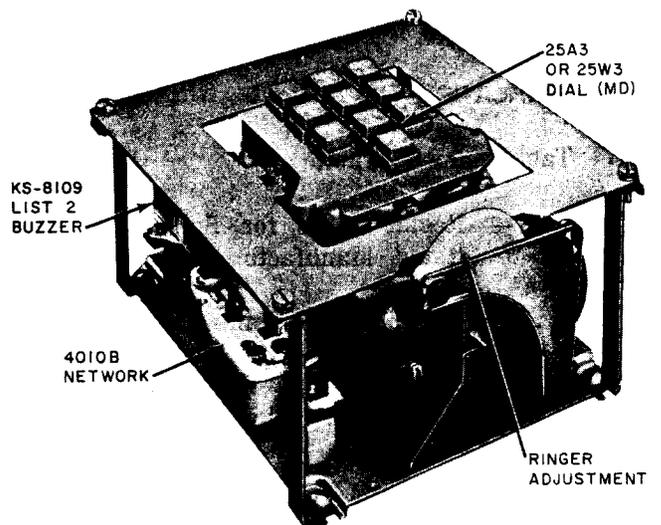


Fig. 6—1690C2 (MD) Subscriber Set

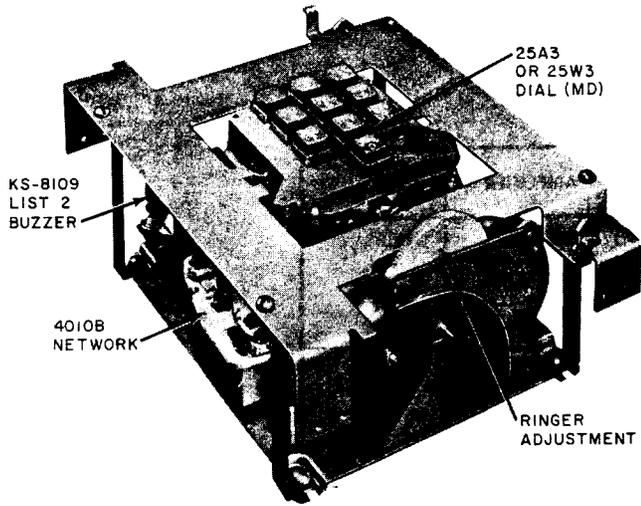


Fig. 7—1690C3 (MD) Subscriber Set

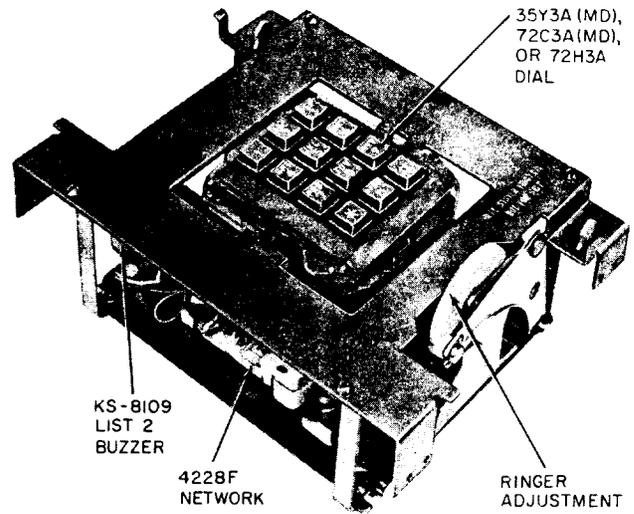


Fig. 9—2690C3 Subscriber Set

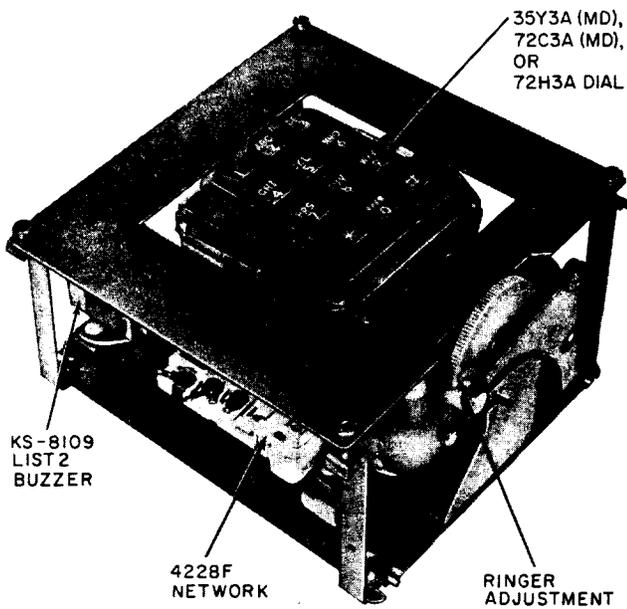


Fig. 8—2690C2 Subscriber Set

TABLE A

REPLACEMENTS FOR SUBSCRIBER SETS
RATED MANUFACTURE DISCONTINUED

| MD SETS | SUGGESTED REPLACEMENT |
|--------------|-----------------------|
| 688A, 688B | 688C |
| 690A1, 690B1 | 690C1 |
| 690A2, 690B2 | 690C2 |
| 690A3, 690B3 | 690C3 |
| 1690C1 | 2690C1 |
| 1690C2 | 2690C2 |
| 1690C3 | 2690C3 |

♦TABLE B♦

**688-, 690-, 1690-, AND 2690-TYPE
SUBSCRIBER SET COMPONENTS
(SEE NOTE)**

| TYPE SET | NETWORK | DIAL | AMPLIFIER | FACE-PLATE |
|----------|---------|-----------------------------------|-----------|------------|
| 688A* | 425D | — | 151D | None |
| 688B* | 425D | — | 151D | |
| 688C | 4228S | — | 241B | |
| 690A1* | 425D | 8C-58 | 151D | 36A1 |
| 690A2* | 425D | 8C-58 | 151D | None |
| 690A3* | 425D | 8C-58 | 151D | |
| 690B1* | 425D | 8C-58 | 151D | |
| 690B2* | 425D | 8C-58 | 151D | None |
| 690B3* | 425D | 8C-58 | 151D | |
| 690C1 | 4228F | 8CA-58 | 241B | |
| 690C2 | 4228F | 8CA-58 | 241B | None |
| 690C3 | 4228F | 8CA-58 | 241B | |
| 1690C1* | 4010B | 25A3* or 25W3* | 241A* | |
| 1690C2* | 4010B | 25A3* or 25W3* | 241A* | None |
| 1690C3* | 4010B | 25A3* or 25W3* | 241A* | |
| 2690C1 | 4228F | 35Y3A*, 72C3A*, or 72H3A | 241B | |
| 2690C2 | 4228F | 35Y3A*, 72C3A*, or 72H3A | 241B | None |
| 2690C3 | 4228F | 35Y3A*, 72C3A*, or 72H3A | 241B | |

Note: All sets are also equipped with C4A ringer and KS-8109 type buzzer.

* MD

TABLE C4

688-, 690-, 1690-, AND 2690-TYPE SUBSCRIBER SET FUNCTIONS

| SET | USES | REMARKS | FIG. |
|---------------------------|---|---|-------------|
| 688A* 688B* 688C | With 400-type key mounting in 1A1, 1A2, 6A, and 6B key telephone systems. | Has a metal base and light olive gray cover. Does not contain a dial. The ringer volume control arm protrudes from underside cover.† | 1 2 3 |
| 690A1* 690B1* 690C1 | Initially intended for amplifying signals of N1 transmitter unit in 52- or 53-type head telephone sets to the level of T1 transmitter unit in a G-type handset when used in 400-type key mountings. | Provided with clear plastic faceplate retained by a snap-on bezel. The 36A1 faceplate and two mats colored silver and gold are furnished. Provides a rotary dial, ringer, and buzzer. Supplied with dustpan. | 4 |
| 690A2* 690B2* 690C2 | Initially intended for use with the 420A3 and 421A3 key mountings. Provide same functions as 690A1*. | Not provided with faceplate or mats, but a bracket and four screws are provided to secure the set to key mounting, both being under a common faceplate. Supplied with dustpan‡. | 5 |
| 690A3* 690B3* 690C3 | Initially intended for use with 423A3, 424A3, and 425A3 key mountings. Provide same functions as 690A1*. | Not provided with faceplate, mat, or dustpan. Equipped with mounting screws, a top plate, and brackets for mounting the set in the dustpan of the key mounting. | |
| 1690C1* | Initially intended for use with 1400-type key mountings and 52- or 53-type head telephone sets. | Flush mounted set equipped with 4010B network, a 241A amplifier, a KS-8109L2 buzzer, a 25A3* or 25W3* TOUCH-TONE§ telephone dial, a C4A ringer and a 136A1 faceplate. Faceplate contained in a snap-on bezel and includes a silver and gold mat. The ringer volume control protrudes through the faceplate. | |
| 1690C2* | Initially intended for use with 1420A3 or 1421A3 key mountings. | Same as 1690C1*, except it is not equipped with a faceplate and bezel. The set is provided with a bracket and four mounting screws which are used to affix the set to the key mounting using a common faceplate. | 6 |
| 1690C3* | Initially intended for use with 1423A3, 1424A3, or 1425A3 key mountings. | Same as 1690C1*, except it is not equipped with a faceplate, bezel, or dustpan. It is equipped with a top plate and brackets for mounting the set in the dustpan of the key mounting using a common faceplate. | 7 |
| 2690C1 | Same as 1690C1*. | Same as 1690C1*, except contains a 12-button TOUCH-TONE telephone dial and a 222A1 faceplate. Faceplate is contained in a snap-on bezel. The ringer volume control protrudes through the faceplate. Replaces 1690C1*. Supplied with dustpan. | |
| 2690C2 | Initially intended for use with 2420A3 or 2421A3 key mounting. | Same as 1690C2*, except contains a 12-button TOUCH-TONE telephone dial. Replaces 1690C2*. Supplied with dustpan. | 8 |
| 2690C3 | Initially intended for use with 2423A3, 2424A3, or 2425A3 key mountings. | Same as 1690C3* except contains 12-button TOUCH-TONE telephone dial. Replaces 1690C3*. | 9 |

* MD

† Early version 688-type subscriber sets are equipped with a four step manually operated ringer volume control arm. It protrudes through one end of the cover and operates a cam on the ringer.

‡ The dustpan shown in Fig. 5 is supplied with the 690C1, 690C2, 1690C1*, 1690C2*, 2690C1 and 2690C2 subsets.

§ Trademark of AT&TCo.