

## STATION DIALS

### 1035- AND F-56309 TYPE

#### 1. GENERAL

**1.01** This section contains identification and connection information for the 1035- and F-56309 type dials. The initial production of the dial is to be coded F-56309 while the standard production dial will be the 1035B3 dial. Any reference in this section to the 1035B3 dial is meant to include the F-56309 dial.

**1.02** The 1035B3 dial consists of 12 button 35B3 TOUCH-TONE dial, polarity guard, terminal board, and a D14M cord contained in a molded plastic housing (Fig. 1).

**1.03** The 35B3 dial is a 12 button TOUCH-TONE dial. In addition to the ten regular buttons for "number-letter" calling the dial has two special service buttons. These special buttons are marked with a star on the lower left button and a diamond on the lower right button.

**1.04** The dial is available in the promoted colors - green (51), white (58), light beige (60), and light gray (61). Nonpromoted colors are available on special order.

**1.05** The D14M cord is used to connect the dial to various telephone sets. The cord is 1 foot in length and the free conductors measure

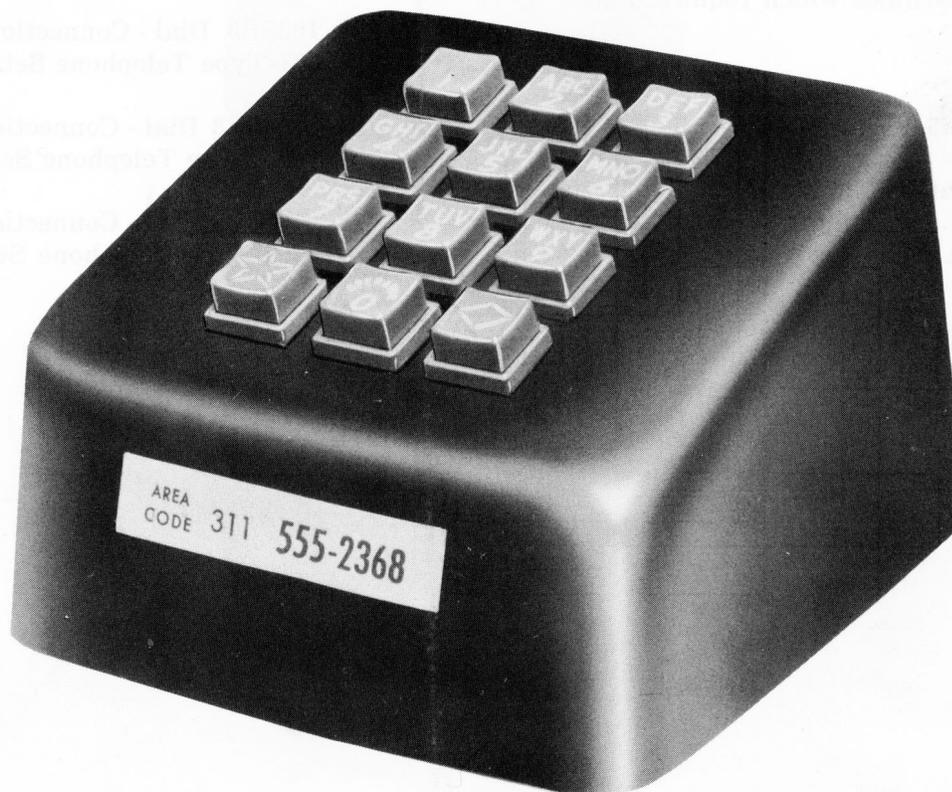


Fig. 1 — 1035B3 or F-56309 Dial

an additional 10 inches which should be sufficient to reach any terminal in a telephone set. Where insufficient spare terminals are available in the set, use D-161488 connectors as a terminating point.

**1.06** The 1035B3 dial is intended for use with the subscriber's regular rotary dial telephone set. Both dials are required to provide end to end signaling features where the central office is not yet equipped to handle TOUCH-TONE. The rotary dial is used to originate a call after which the 1035B3 dial is used to provide the TOUCH-TONE signals.

**1.07** Modification of the housing of some telephone sets may be necessary to allow entry from the 1035B3 dial.

**1.08** When connecting the 1035B3 dial to a telephone set equipped with an exclusion switch, connect the transmitter circuit through a contact on the exclusion switch. This is necessary to prevent false signals being transmitted due to voice conversation. These signals may effect business machines which require digital information.

## **2. CONNECTIONS**

A schematic of the 1035B3 dial is shown in Fig. 2. This figure also shows typical connections to a telephone set where it is desired

to connect the dial to a telephone set not shown in the figures.

### **2.02 LIST OF CONNECTIONS**

Fig. 2 — Schematic of 1035B3 Dial and Typical Connections to Telephone Set

Fig. 3 — 1035B3 Dial - Connections to 500 C/D Telephone Set

Fig. 4 — 1035B3 Dial - Connections to 500 R/S Telephone Set

Fig. 5 — 1035B3 Dial - Connections to 211P Telephone Set

Fig. 6 — 1035B3 Dial - Connections to 565HK Telephone Set

Fig. 7 — 1035B3 Dial - Connections to 660-Type Telephone Set

Fig. 8 — 1035B3 Dial - Connections to 662A1 Telephone Set

Fig. 9 — 1035B3 Dial - Connections to 630- and 631-Type Telephone Sets

Fig. 10 — 1035B3 Dial - Connections to 634- and 635-Type Telephone Sets

Fig. 11 — 1035B3 Dial - Connections to 636- and 637-Type Telephone Sets

**NOTE: Scan includes only fig. 2 and 3.**

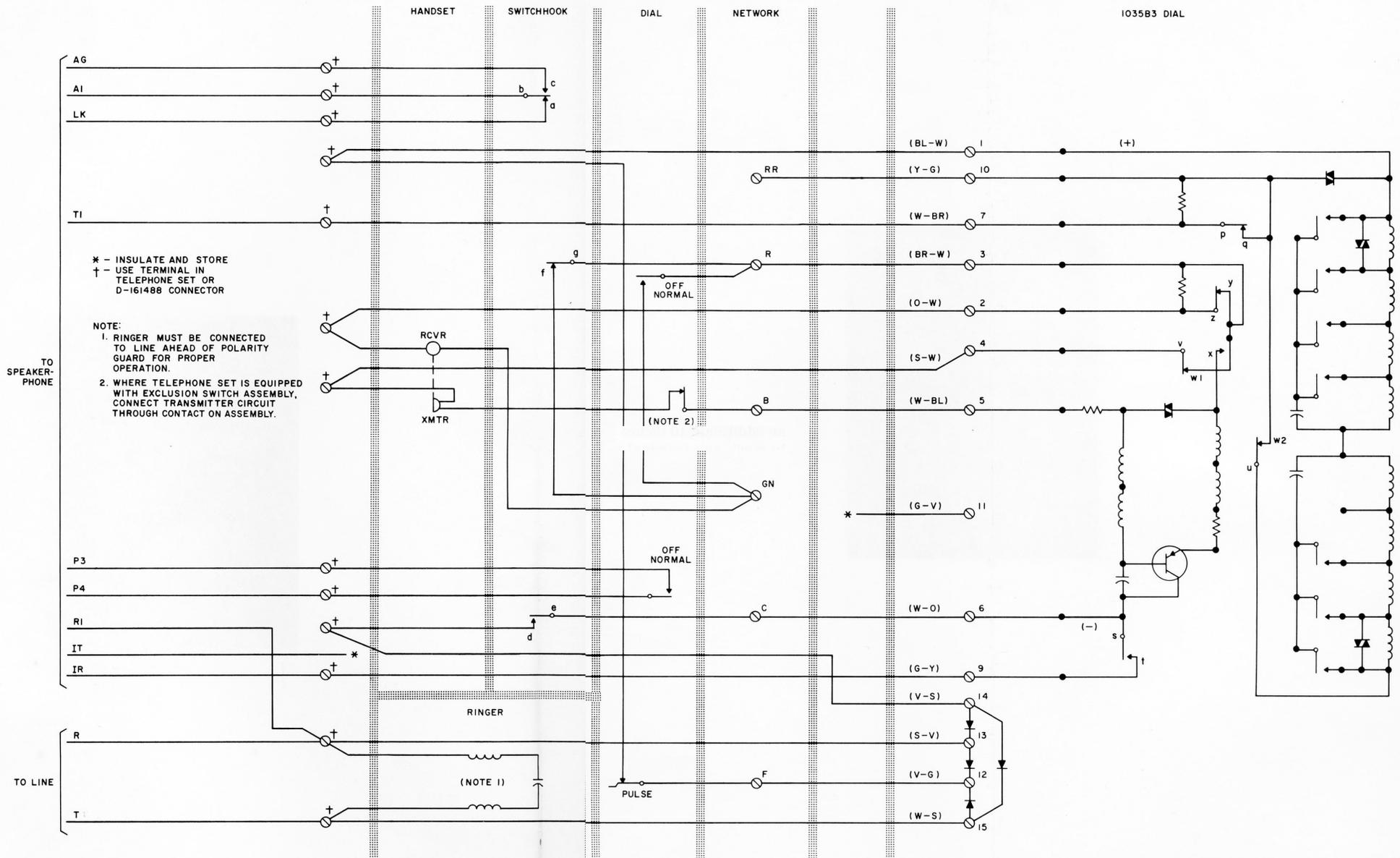


Fig. 2 — Schematic of 1035B3 Dial and Typical Connections to Telephone Set

