

## STATION DIALS

### 10-TYPE

### IDENTIFICATION AND MAINTENANCE

#### 1. GENERAL

**1.01** The 10-type dial is a space saver rotary dial intended for use as a component for the 220-type hand telephone set used with the TRIMLINE® telephone set.

**1.02** This section is reissued to include information on the 10C dial.

#### 2. IDENTIFICATION

**2.01** The 10-type dial (Fig. 1, 2, and 3) has a plastic 2-3/8 inch diameter fingerwheel having finger holes on a 10-1/3 division spacing instead of the standard 12 division spacing of the 5- through 9-type dials.

**2.02** The 10-type dial has a movable finger stop which moves through an arc of 52 degrees during dialing and returns to its normal position at the end of rundown.

**2.03** The dial number plate is of clear plastic with characters embossed on the underside. The number plate can be illuminated by edge lighting for night viewing.

**2.04** The pulsing mechanism is similar to the 8-type dial; however, no shunt contact springs are provided for off-normal switching (10A dial).

**2.05** The 10B differs from the 10A in that it is equipped with a set of off-normal contacts and associated loose link to short the receiver during windup and rundown of the dial. The 10A and 10B dials are intended for use with the 220A hand telephone set.

**2.06** ♦The 10C dial is the same as the 10B dial, except the number plate has been modified. This dial is intended for use with the 220B hand telephone set.♦

#### 3. MAINTENANCE

**Caution:** Do not attempt to remove the fingerwheel, finger stop, number plate, and number card. Replace the handset if any of these items are damaged or marred. The dial can unwind and become inoperative in the process of replacing the above items.

**3.01** The dial shall operate smoothly without slipping or skipping pulses. Check by operating dial several times. Replace handset if the dial fails this requirement or is suspected of giving wrong numbers.

**3.02** No provisions are made for field adjustment of dial speed or dial gear mesh. Replace handset if improper dial speed or gear mesh is suspected.

**3.03** The finger stop should operate smoothly with the fingerwheel.

**3.04** Do not lubricate any part of the dial.

**3.05** Exterior parts of the dial may be wiped with a dry KS-2423 cloth.

**Note:** The hub cover (P-88E0— add desired color suffix) is a component of the telephone set, not the dial, and must be ordered separately.

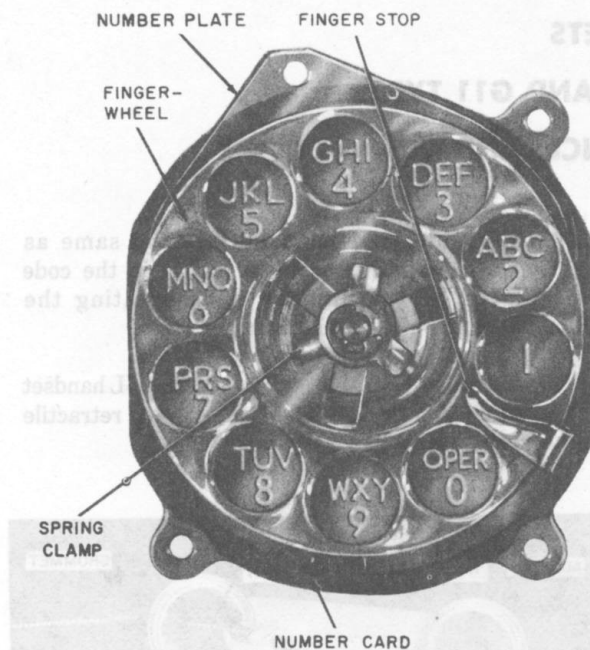


Fig. 1—10-Type Dial, Front View

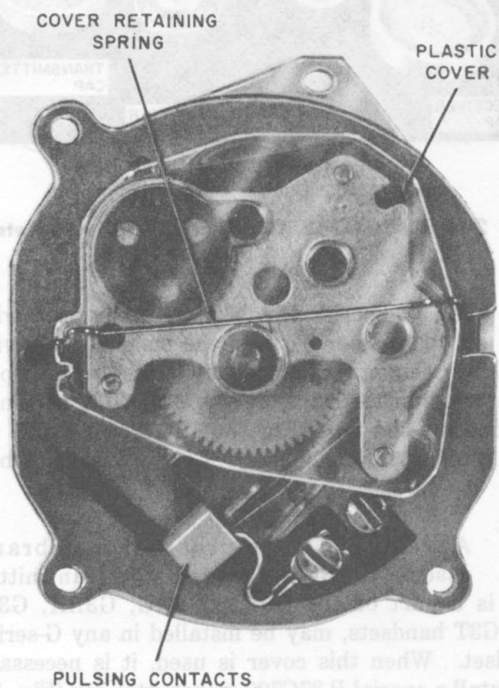


Fig. 2—10A Dial, Rear View

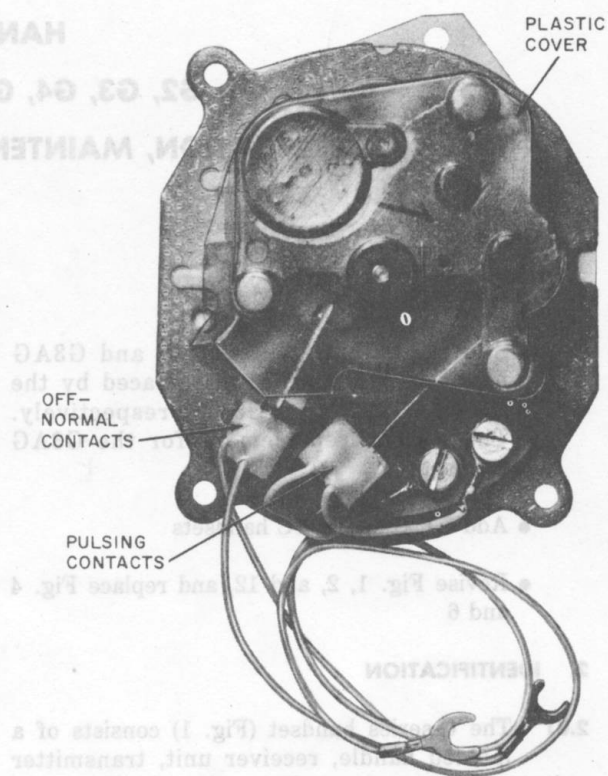


Fig. 3—10B or 10C Dial, Rear View