

**BELL SYSTEM PRACTICES**  
Teletypewriter and Manual  
Telegraph Station P.B.X.  
Installation and Maintenance

**SECTION P36.467**  
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## **TELETYPEWRITERS**

### **INSTALLATION OF 91042M AND 95317M SETS OF PARTS TO REDUCE KEYBOARD SIGNAL DISTORTION**

#### **1. GENERAL**

1.01 This section describes the method of installing and adjusting the 91042M and 95317M sets of parts for reducing signal distortion on 14, 15 and 26 teletypewriter keyboards. The 91042M set of parts is for application to teletypewriters operating at 240 o.p.m. or less and the 95317M set of parts is for application to teletypewriters operating at more than 240 o.p.m.

1.02 This device is not applicable to 14 keyboards when electrical end-of-line indicators are used or when the polar-neutral or 60-20 milliamperere switching keys are used. Likewise the device is not applicable to 15 perforator transmitters.

1.03 The section is reissued to include the 95317M set of parts.

#### **2. METHOD OF INSTALLATION**

##### **91042M Set of Parts**

2.01 Remove the 6746M screws that secure the 7387<sup>''</sup> brace on the keyboard transmitting mechanism.

2.02 Mount the mechanism by means of the two 74985M mounting screws furnished with the set of parts in place of the 6746M screws just removed.

2.03 The rollers on the detent arm should ride on the No. 4 impulse cam and should be lined up with the

cam by adding or removing shims between the bracket and the roller lever.

**95317M Set of Parts**

- 2.04 Performance steps outlined in paragraphs 2.01 and 2.02 above.
- 2.05 The detent arm should ride on the No. 4 impulse cam.

**3. ADJUSTMENT**

**91042M Set of Parts**

3.01 There should be some clearance but not more than .008" between the detent roller on the straight side of the cam indent.

To adjust, loosen the bracket mounting screws and shift the position of the bracket until the requirement is fulfilled.

**95317M Set of Parts**

3.02 There should be some clearance but not more than .008" between the sharp corner of the cam and the nearest point on the detent when the lock loop roller is on the peak of its cam and the clutch fully disengaged.

To adjust, loosen the bracket mounting screws and shift the position of the bracket until the requirement is fulfilled..