

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

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INSTALLATION OF THE 94622M PLATEN TEARING EDGE ASSEMBLY ON 15-TYPE SPROCKET FEED TYPING UNIT

1. GENERAL

1.01 This section covers the installation of the 94622M tearing edge assembly which is designed for use on 15 type sprocket feed typing units. It is adjustable so that the forms may be separated at any distance above the bottom of the first line of typing between $13/16''$ and $2-1/8''$.

1.02 The tearing edge assembly is furnished partly assembled and consists of the following parts:

- 1—Tearing Edge Assembly
- 1—Stop Bracket (with spring post)
- 1—94626M Spacer
- 1—6811M Screw
- 1—7002M Washer
- 2—2191M Lock Washers
- 1—82012M Spring
- 1—80444M Screw
- 1—74638M Narrow Cover Glass
- 1—84079M Pressure Roller Lever (left)
- 1—84081M Pressure Roller Lever (right)

2. INSTALLATION

2.01 Replace the pressure roller levers 80410M (left) and 80408M (right) with the pressure roller levers 84079M (left) and 84081M (right) furnished, as follows:

- (1) Unhook the 80399M paper carrier belts.
- (2) Remove the 82012M spring from the 80407M pressure roller shaft spring post.

(3) Remove the 3599M nut, 3640M lockwasher and 103-27M washer from the left end of the 80407M pressure roller shaft.

(4) Loosen the following screws and set screws:

- 6746M in the 80412M clamp
- 1176M in the left 7036M pulley collar
- 1176M in the right 7036M pulley collar
- 80478M post in the 80479M collar

(5) Remove the 80402M screw from the 80407M pressure roller shaft.

(6) Slide the 80407M pressure roller shaft out from the right to remove the pressure roller levers.

(7) Remove the 80412M clamp and 80413M pressure roller from the 80410M pressure roller lever (left) and mount them on the 84079M pressure roller lever (left) furnished.

(8) Remove the 80413M pressure roller from the 80408M pressure roller (right) and mount it on the 84081M pressure roller lever (right).

(9) Replace the 80407M pressure roller lever shaft from the right placing the parts listed below on the shaft in the order given:

- 84081M pressure roller lever (right)
- 80401M coil spring
- 80479M collar
- 80398M pulley
- 7036M collars (2)
- 80398M pulley
- 80414M pressure roller lever (left)

(10) Replace the 80402M screw in the pressure roller shaft.

(11) Remount the 80399M paper carrier belts.

(12) Replace the 103-27M washer, 3640M lock washers and 3599M nut on the left end of the 80407M pressure roller shaft. Tighten the nut.

2.02 Adjust the pressure roller levers and carrier belt pulleys in accordance with B.S.P. Section P36.619.

2.03 Mount the right tearing edge arm (with spring post) and the stop bracket (with spring post) using the tapped holes provided in the two bosses located on the 74031M right platen carriage casting between the platen shaft and the platen carriage pivot bearing.

2.04 Assemble the stop bracket next to the platen carriage casting with the formed end of the stop bracket extending away from the typing unit.

2.05 Assemble the 94626M spacer adjacent to the stop bracket (using the hole nearest the spring post) and pivot the right tearing edge arm on the shoulder of the spacer so that the spring post in the right tearing edge arm will extend away from the typing unit.

2.06 Mount these parts on the rear boss mentioned in 2.03 using a 6811M screw, 2191M lock washer and 7002M washer.

2.07 Mount the front end of the stop bracket on the front boss by means of the 80444M screw and 2191M lock washer.

2.08 Mount the left tearing edge arm on the left platen carriage casting under the shoulder of the 74693M post which anchors the 74694M platen friction arm.

2.09 Hook the 82012M spring on the spring posts in the right tearing edge arm and the stop bracket.

2.10 Replace the wide cover glass with the 74638M narrow cover glass as follows:

(1) Loosen the glass rail mounting screws.

(2) Slide the glass to its lower most position and move the rails laterally away from the glass.

(3) Carefully remove the felt strips in the rails and cut them so that they will be as long as the 74638M cover glass is wide.

(4) Wrap the strips around the ends of the narrow cover glass and insert the glass into the rails.

(5) Position the rails so that the glass rests equally on each side of the front hinged section of the cover.

(6) Tighten the glass rail mounting screws so that the cover glass will be held securely between the rails.

3. ADJUSTMENT

3.01 With the forms in the machine adjusted to a position to type the first line at the heading of the form, adjust the left and right tearing edge arm stop screws so that the tearing edge is even with the scoring at the heading of the form.

3.02 If the distance between the bottom of the characters on the first line of typing and the top of the form is greater than 1-1/2", adjust the paper fingers mounted on the tearing edge by pivoting them downward so that the inner ends of the fingers are approximately 1/8" away from the paper. For tear-offs shorter than 1-1/2" the paper fingers may be turned so that they rest on the tearing edge or they may be removed.

3.03 When the tear-off distance is greater than 1-1/2" above the bottom of the first line of typing, position the cover lip on the top hinged portion of the cover to the extreme rear of its slots so as to provide a wide separation between the cover lip and the cover glass.