

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

SECTION P36.480
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AT&T Co Standard

INSTALLATION OF 110352M SET OF PARTS FOR ADDING RIBBON REVERSE ARM

YIELD SPRING AND BACKSTOP FOR NO. 15 TELETYPEWRITERS

1. GENERAL

1.01 This section furnishes installation information for the addition of a yield and backstop arrangement for the ribbon reverse arms of No. 15 Teletypewriters. These parts relieve the strain on the screws which clamp the ribbon reverse arms to their shafts when pressure is applied to the arms such as in changing ribbons, and reduce ribbon troubles.

1.02 These parts are applicable to any No. 15 Teletypewriters not so equipped (and to No. 20 Teletypewriters). The parts may be used with the old style reverse arms with the slot opening at the bottom (74344M and 74345M) or with the new style arms with the opening at the top (93167 and 93168).

2. COMPOSITION OF 110352M SET OF PARTS

2.01 The set of parts for adding the yield and backstop arrangement consists of the following component parts:

- 1—107273M Spring—left
- 1—107274M Spring—right
- 2—110350M Spring blocks—with pin
- 2—1176M Screws
- 2—110351M Backstops

3. INSTALLATION

- 3.01 Remove the ribbon from the typebar carriage and remove the typebar carriage from the typing unit.
- 3.02 Loosen the set screws of the left and right 74384M spool gears on the ribbon spool shafts and remove the gears.
- 3.03 Remove the 2201M* nut, 4814M lockwasher and 3288M washer from the left and right ribbon spool positions. Substitute a 110351M backstop furnished with the parts for the 70793M washer under each ribbon spool cup. The backstops are to be installed so that the formed projections extend downward and so that the projections are in front of the ribbon reverse arms as viewed from the rear. See Fig. 1.
- 3.04 Replace the 3288M washer, the 4814M lockwasher 2201M* nut on the left and right ribbon spool cup positions.
- 3.05 Replace the 74384M spool gears on the left and right ribbon spool shafts with the flat face of the shafts opposite set screws. Tighten the set screws.
- 3.06 Remove and discard the set screws and locknuts (if the unit is equipped with locknuts) from the left and right ribbon reverse arms.
- 3.07 Loosen the set screws in the ribbon reverse shaft collars and the ribbon reverse links on the left and right ribbon reverse shafts. Lower the shafts and remove the ribbon reverse arms. See Fig. 1.

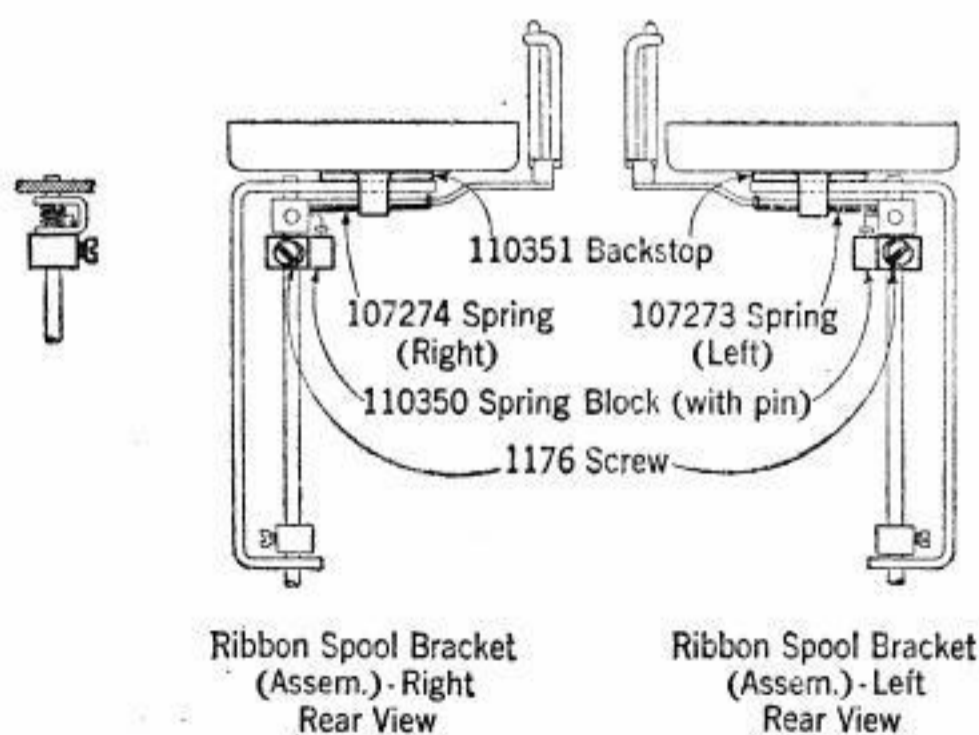


Fig. 1

3.08 Install one of the two 110350M spring blocks furnished with the parts on each of the left and right ribbon reverse shafts. Position the spring block so that the spring post is on top and tighten the set screws. (Each spring block is equipped with two set screw mounting holes so that the spring block can be used on the left or right shafts by placing the 1176M set screws furnished in the proper mounting holes.) See Fig. 1.

3.09 Place the coil ends of the 107273M left and the 107274M right yield springs furnished between the "U" shaped pivot ends of the raised ribbon reverse arms and place the hooked ends so that they may be hooked on the rear of each of the ribbon reverse arms.

3.10 Replace the left and right ribbon reverse arms on the ribbon reverse shafts with the coil portion of the yield springs between the "U" shaped pivot. Hook the short extension of the yield springs on the spring block posts and hook the long extension of the yield springs on the ribbon reverse arms.

3.11 Replace the ribbon reverse shafts in the spool brackets and position the ribbon reverse collars and the ribbon reverse shaft links on the left and right ribbon reverse shafts and tighten the set screws.

3.12 Replace the typebar carriage in the typing unit and replace the ribbon, after the necessary adjustments have been made as given in the adjustment information.

* 2201M nut is the same as 3607M nut shown in catalog.