

CHANGES AND ADDITIONS
BULLETIN 138, ISSUE 5
ADJUSTMENTS - TYPE BAR PAGE PRINTER
MODEL 15

The following requirements apply to Model 15 printer bases equipped with the 114239 contact assembly which is used in conjunction with the tabulating mechanism for interrupting transmission by opening the control magnet circuit of the transmitter distributor during the tabulating interval. The 114239 contact assembly replaces the 82917 standard send-receive-break mechanism on the base and includes a single contact and contact lever. These requirements also apply where the standard send-receive-break mechanism has been modified to include the special features of the 114239 assembly.

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TABULATOR BAR ADJUSTMENT (Figure 96)

Change this adjustment to read as follows:

The tabulator bar should be parallel to the front carriage rail, within .010", as gaged by measuring the clearance between the tip of the tabulator pawl on the carriage and the tabulator stops located at each end of the tabulator bar. There should also be .030" to .060" clearance between the left-hand edge of the tabulator bar extension and the contact lever bracket on the base. The tabulator bar should have some end play not over .004".

The parallel position of the tabulator bar with relation to the front carriage rail may be adjusted by means of the right-hand pivot bushing. The end play and the clearance between the tabulator bar extension and the contact lever bracket may be adjusted by means of the pivot screws.

Add the following adjustments immediately after the "Tabulator Bar Adjustment":

CONTACT LEVER SCREW ADJUSTMENT

With the tabulator latch bar (Figure 98) in its upper position, and the handle of the send-receive-break mechanism (if present) in the SEND position, there should be some clearance not more than .008" between the adjusting screw on the contact lever and the tabulator bar extension when the arm of the contact lever is touching the bakelite insulator of the longer contact spring. Adjust by positioning the contact lever screw. Recheck after tightening the lock nut.

Check the adjustment of the send-receive-break mechanism reset lever upper adjusting screw.

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Add the following immediately after the "Tabulator Stops Adjustment":

TRANSMITTER DISTRIBUTOR CONTROL CONTACT REQUIREMENTS

- (1) The contact springs and points should be in line. Adjust, if necessary, by positioning the springs on their mounting screws.
- (2) There should be some clearance not more than .008" between the fiber insulator on the lower end of the longer contact spring and the tabulator contact lever extension.

When checking this clearance the tabulator contact lever extension should be held firmly against the mounting bracket. Adjust by bending the shorter contact spring.

- (3) The longer contact spring should exert pressure against the shorter contact spring. Hook an 8 c. scale around the longer contact spring just below the contact point and pull horizontally toward the left. It should require 1 to 2 ozs. to just break contact.

Adjust by bending the longer contact spring.

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