

CHANGES IN
BULLETIN 138 (ISSUE 5)
ADJUSTMENTS - TYPE BAR
PAGE PRINTER MODEL 15
AND
BULLETIN 160 (ISSUE 1)
ADJUSTMENTS - TYPE BAR
PAGE PRINTER MODEL 20

BULLETIN 138, PAGE 55
BULLETIN 160, PAGE 47

ADJUSTMENTS OF SEND-RECEIVE-BREAK MECHANISM HAVING SINGLE UPPER CONTACT

SEND-RECEIVE-BREAK CONTACT SPRINGS ADJUSTMENT

Change Paragraph (B) - (1) and (2); (Paragraph (B) - (a) and (b) in Bulletin 160) to read as follows:

- (1) With the left end of the upper contact lever held against the top of the notch in the safety pawl, there should be at least .008" clearance between the fibre insulator on the No. 6 contact spring and the extension on the upper contact lever. Make certain that contacts No. 5 and No. 6 are separated by at least .015" when the break lever is operated. Adjust by bending contact spring No. 5.
- (2) Contact No. 6 should exert a pressure on contact No. 5. Hook an 8 oz. scale around contact spring No. 6 just above the contact point and pull horizontally to the right. It should require 4-1/2 to 5-1/2 ozs. to just open the contacts. Adjust by bending contact spring No. 6. Recheck (1).

REFER TO FIGURES INDICATED IN RESPECTIVE BULLETINS.

BULLETIN 138, PAGE 56
BULLETIN 160, PAGE 48

ADJUSTMENTS OF SEND-RECEIVE-BREAK MECHANISM HAVING TWO UPPER CONTACTS

SEND-RECEIVE-BREAK CONTACT SPRINGS ADJUSTMENT

Change this adjustment to read as follows:

Viewing the base from the front, the send-receive-break contact springs are numbered 1, 2, 3, 4, 5, and 6 from left to right.

- (A) Move the send-receive lever to the SEND position (up).
 - (1) All contact springs and points should be in line.
 - (2) There should be some clearance, not more than .008" between the fibre insulator on the lower end of No. 1 contact spring and the extension on the lower contact lever to the right of it.

When checking this clearance, the lower contact lever should be held firmly against its top. Adjust by bending contact spring No. 2.

- (3) Contact No. 1 should exert a pressure against contact No. 2. Hook an 8 oz. scale around contact spring No. 1, just below the contact point, and pull horizontally toward the left. It should require 1 to 2 ozs. to just separate contacts No. 1 and No. 2. Adjust by bending contact spring No. 1. Recheck (2).
- (4) All the clearance requirements, pertaining to contact springs No. 3 to No. 6 inclusive, given in the following paragraphs will most always be met if these 3 preliminary requirements are met:
 - (a) The stiffeners for contact springs No. 4 and No. 5 should be straight.
 - (b) Contact springs No. 4 and No. 5 should rest against their respective stiffeners with perceptible tension. There should be no gaps between the ends of the stiffeners and the contact springs when the contacts are open. However, a gap or not more than .004" will be permissible at any other point.
 - (c) With the send-receive lever in the RECEIVE position (down), the extension on the upper contact lever should be approximately midway between imaginary lines extending up from contact springs No. 4 and 5. If necessary, bend the extension on which the double contact springs are mounted to meet this requirement. It will be permissible to vary this requirement if necessary, in cases where the clearance requirements given in the following paragraphs cannot be met.
- (5) With the send-receive lever in the SEND position (up), there should be a clearance of at least .015" between No. 3 and No. 4 contacts. If necessary to adjust, see (4).
- (6) Move the send-receive lever to the RECEIVE position (down) and make sure that No. 3 and No. 4 contacts close.
- (7) There should be at least .015" clearance between No. 1 and No. 2 contacts. Adjust by bending contact spring No. 2. Recheck (2).
- (8) Contact No. 3 should exert a pressure against contact No. 4. Hook an 8 oz. scale around contact spring No. 3 just above the contact point and pull horizontally toward the left. It should require 1 to 2 ozs. to just separate contacts No. 3 and No. 4. Adjust by bending contact spring No. 3. Recheck (5).
- (9) With the left end of the upper contact lever held against the stop lug on the stop lever plate, there should be at least .008" clearance between the fibre insulator on No. 6 contact spring and the extension on the upper contact lever. Make certain that contacts No. 5 and No. 6 are separated by at least .015" when the break lever is operated. If necessary to adjust, see (4).

- (10) Contact No. 6 should exert a pressure against contact No. 5. Hook an 8 oz. scale around contact spring No. 6 just above the contact point and pull horizontally toward the right. It should require 4-1/2 to 5-1/2 ozs. to just separate contacts No. 5 and No. 6. Adjust by bending contact spring No. 6. Recheck (9).

* * *