

BUT THIS INFORMATION

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ADDITIONS AND CORRECTIONS
BULLETIN - 159 (ISSUE 2)
ADJUSTMENTS - TYPE WHEEL PAGE PRINTER
MODEL 26

Page 4 SELECTOR MAGNET BRACKET POSITION ADJUSTMENT

The first sentence of this adjustment should be changed to read as follows: "With the main shaft in the stop position, rotate the selector cam sleeve---etc."

SELECTOR MAGNET BRACKET ADJUSTMENT

This adjustment should be changed to read as follows: "With the selector magnet energized, the clearance between the selector arm operating screw and the selector arm should be .004" to .006" greater when the armature lever is on a peak of its cam than when the armature is opposite an indent on the cam.

- (A) To adjust, de-energize the magnet and rotate the selector cam sleeve until the armature lever is resting on a peak of the armature lever cam. Holding the cam sleeve in this position, turn the main shaft to a point where it moves the armature lever the greatest distance.
- (B) With the selector magnet still de-energized, loosen the selector magnet bracket mounting screws and, by means of its adjusting screw, rotate the selector magnet bracket so that the armature just touches the pole-faces; then turn the adjusting screw an additional one-tenth of a turn counterclockwise. This will press the armature firmly against the magnet cores. (While making the one-tenth of a turn adjustment, be careful to avoid lost motion due to loose fitting screw threads.)
- (C) With the selector magnet energized, measure the clearance between the selector arm operating screw and the selector arm and if there is no clearance, back off the selector arm operating screw to provide at least .006" clearance. Then rotate the selector cam sleeve so that the armature lever is opposite an indent of its cam and again measure the clearance between the selector arm operating screw and the selector arm. If the difference in the two clearances exceeds .006", the selector magnet bracket adjusting screw should be turned clockwise. If the difference in the clearance is less than .004", turn the screw counterclockwise. Tighten the selector magnet bracket mounting screws.

Page 5 ARMATURE LEVER SPRING TENSION ADJUSTMENT

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(cont'd)

Substitute the following for the present adjustment: "Unhook the armature spring from its spring arm and rotate the main shaft until the armature lever is on a high part of its cam. With a 32 oz. scale hooked in its spring eye, pull the spring to position length. It should require the following tensions:

- (A) If a distortion test set is available, the spring tension should be set at the optimum value within the limits of 13 to 24 ozs.
- (B) If no distortion test set is available, the spring tension should be 17 to 19 ozs; except when the coils are connected in parallel without a 1000 ohm shunt. Under this latter condition the tension should be 13 to 15 ozs.

To adjust, loosen the spring arm mounting nut and position the spring arm. Then tighten the mounting nut. Rehook the armature spring."

STOP LEVER ECCENTRIC SCREW ADJUSTMENT

The first sentence of this adjustment should be changed to read as follows: "The stop lever on the range finder assembly should over-travel the latching face of the trip latch by not more than .006". Figure 10 should be changed accordingly.

Page 6

Insert the following adjustment after "Stop Arm Latch Spring Tension";

CARRIAGE RETURN DRUM BACKSTOP ADJUSTMENT

On units equipped with an adjustable backstop there should be some clearance, as gauged by eye, between the edges of the backstop and the associated projection on the spring drum when the carriage is held at both the extreme right and the extreme left of its travel. To adjust, loosen the backstop mounting screws, position the backstop and tighten the screws.

Page 12

TRANSFER YIELD SPRING TENSION

Add the following sentence before the first sentence in this adjustment: "Unhook the transfer bail spring from its spring post."

The requirements in the next to last sentence of this adjustment should be changed to 2 to 4 lbs., instead of 3-1/2 to 5-1/2 lbs. Figure 26 should be changed accordingly.

Add the following sentence after the last sentence in the adjustment: "Rehook the transfer bail spring."

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PLATEN PRESSURE ROLLERS COMPRESSION SPRING TENSION

Substitute the following for the present adjustment: "Position the carriage so that one of the pressure roller springs lines up

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(cont'd)

with the printing bail pivot screw. Insert the cut-out end of the 105186 spring tool, with the sides of the channel pointing upward, under the spring and place the opposite end on the printing bail pivot screw. Apply a 12 lb. scale at the small hole with the hook under the entire width of the channel so that tilting of the channel is avoided and pull vertically upward, holding the tool in contact with the pivot screw by a finger applied directly over the pivot screw, exerting only sufficient pressure to insure holding the tool lightly in contact with the screw. Under these conditions, it should require a tension of 3-1/2 to 4-1/2 lbs. to start the tool moving. Check each spring.

NOTE: The foregoing requirement is designed to call for the same spring pressure as the requirement previously in force."

Page 30
and 31

LOCKING LEVER BRACKET ADJUSTMENT

In the second line of the third paragraph at the top of page 31, insert an asterisk after the phrase "to meet the first requirement." In the line following the adjustment, place an asterisk accompanied by the following sentence: "If the first requirement is unable to be met, shims may also be added or removed under the transmitter front bracket, the transmitter rear bracket, and under the shaft bearing bracket."

Page 31

LOCK LOOP ROLLER ADJUSTMENT

Add an asterisk after the words "mounting hole" at the end of this adjustment, and another, with the following paragraph, at the bottom of the page: "On some keyboards an eccentric roller pivot screw is used which provides extra adjusting margin. In these cases the shoulder screw should be mounted with the high part of its eccentric extending toward either end of the slot in the lock loop, depending upon in which direction the additional margin of adjustment is required."

Page 33

CLUTCH THROWOUT LEVER ECCENTRIC ADJUSTMENT

Substitute the following for the first paragraph in this adjustment: "With the transmitter shaft in the stop position and the clutch fully disengaged, hold the clutch throwout lever against the driven clutch member. Under this condition the intermediate pawl should be held without perceptible play between the clutch throwout lever and the intermediate pawl eccentric."

Page 34

REPEAT SPACE ROD BRACKET ADJUSTMENT

Paragraph (a) should be changed to read as follows: "When the space bar is fully depressed, there should be some clearance, not more than .008", between the formed end of the repeat space rod and the flat side of the transmitter rear bracket measured at the closest point."

Page 36 SPEED ADJUSTING WHEEL FRICTION WASHER SPRING PRESSURE

The requirement 16 to 20 ozs. should be changed to 16 to 24 ozs.

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