Teletype Corporation
Chicago, Illinois, U.S.A.

ADDITION AND CORRECTION
BULLETIN 141 (ISSUE 3)
DESCRIPTION AND ADJUSTMENTS TRANSMITTER-DISTRIBUTOR
MODEL 14

DESCRIPTION

On Transmitter-Distributors equipped with end-of-tape stop mechanism which were operated with spliced chadless tape, failures were encountered when the unit was equipped with the 97445 RETAINER LID (Figure 1) and the 97468 TAPE GUIDE PLATE (Figure 2).

To remedy this condition the 111628 RETAINER LID (Figure 3) was designed so that the portion of the lid which holds the tape in the guide plate was widened to fully cover the tape and the tape pin clearance hole was decreased in size to reduce the possibility of the tape catching in the hole.

The 111627 TAPE GUIDE PLATE (Figure 4) was designed so that a portion of the shoulder was removed to give clearance for the 111628 RETAINER LID and the diameter of the hole for the tape contact pin was increased to give clearance for adjustment. The top edges of the slot in the plate for the five sensing pins were beveled to eliminate the possibility of tape catching on the edges of the slot.

All new standard equipment will have the 111628 retainer lid and 111627 tape guide plate.

OPERABLE COMBINATIONS

1. The 97445 RETAINER LID and 97468 TAPE GUIDE PLATE can be used together but, it is not recommended when spliced chadless tape is to be used.

2. The 111628 RETAINER LID and 111627 TAPE GUIDE PLATE can be used together for either regular, chadless or spliced chadless tape.

3. The 97445 RETAINER LID and 111627 TAPE GUIDE PLATE can be used together but, it is not recommended when spliced chadless tape is to be used.

4. The 111628 RETAINER LID and 97468 TAPE GUIDE PLATE cannot be used together.

ADJUSTMENTS

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END-OF-TAPE STOP CONTACT PIN GUIDE ADJUSTMENT

Combination 1 can be adjusted using the standard adjustment requirement now in the bulletin.

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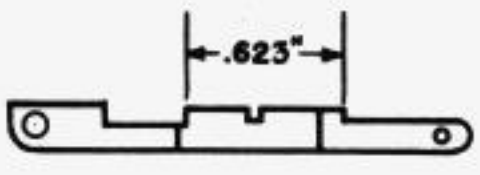
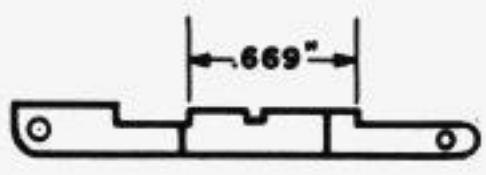
Combination 2 requires that the standard adjustment be changed to read as follows:

The end-of-tape stop contact pin should be centrally located in the contact pin guide clearance hole in the retainer lid. Gauge by eye. To adjust, loosen the stop contact pin guide mounting screws and position the guide. Locate the feed wheel shaft bearings so that the feed wheel shaft is free with not over .002" end play before tightening the mounting screws.

Combination 3 requires that the standard adjustment be changed to read as follows:

There should be .010" to .020" clearance between the end-of-tape stop contact pin and the side of a straight edge which is placed on the front shoulder of the tape guide so that it lines up with the inner edge of the shoulder. To adjust, loosen the stop pin guide mounting screws and position the guide. Locate the feed wheel shaft bearings so that the feed wheel shaft is free with not over .002" end play before tightening the mounting screws.





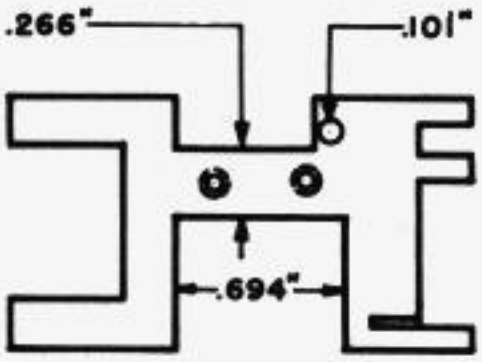


FIGURE 1

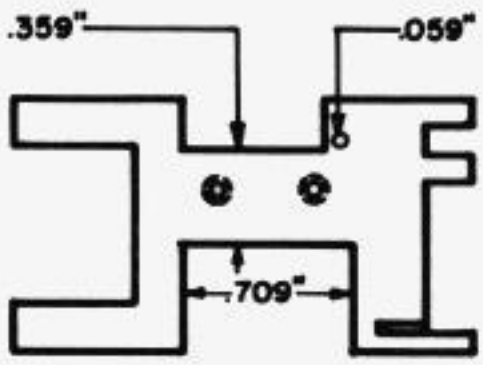


FIGURE 3

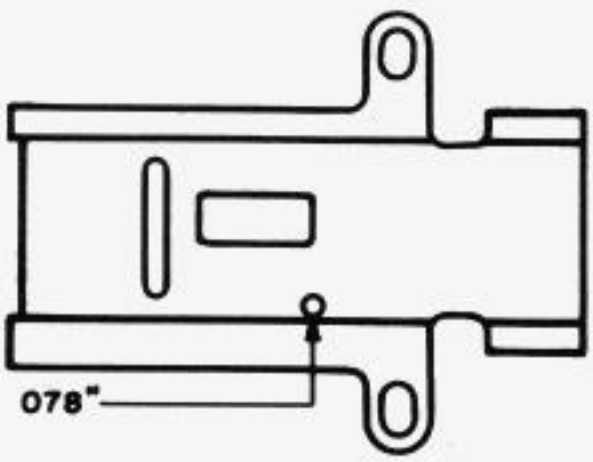


FIGURE 2

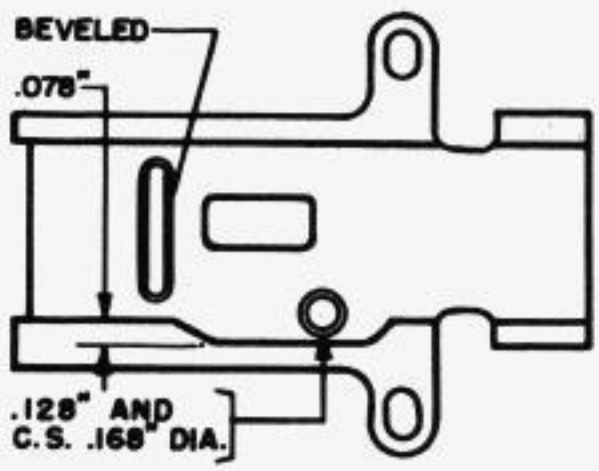


FIGURE 4