

A U T O N E T I C S

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TITLE: PAPER TAPE SPLICING

PURPOSE: To give helpful hints on splicing paper tape.

EFFECTIVE DATE: June 27, 1960

CONTENTS: There are two reasons for splicing paper tape:

- (1) To create a loop of paper tape which is to be read continuously under program control, and
- (2) To repair a damaged tape.

In the first case, the looped tape is usually read from the canister.



FIG. 1

One of the ends to be spliced should be cut at an angle (see FIG. 1) in such a way that if the shaded area of FIG. 1 represents the overlapping area, then the point will enter the reader first. The sprocket holes must coincide in the spliced area.

A splice should not occur at a fold. If the tape is to be read in a canister, the distance between folds must remain the same, and the folds must continue to alternate, allowing the tape to fold smoothly.

In the second case, if no tape has been lost, a piece of tape containing all letters shifts can be cut to the shape shown in FIG. 2 and then placed over the damaged area.

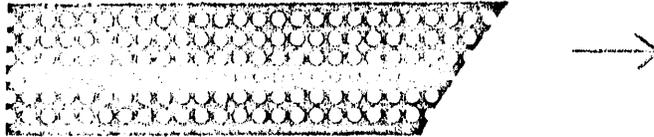


FIG. 2

If the damaged area contains a fold, then a corresponding fold should appear in the "letter shift tape".

A good household or rubber cement should be used which will cause no lumping or bunching of the tape. The point which enters the reader first must be securely glued, to avoid unraveling. Use as little cement as possible. Usually, excess dried glue can be removed with a pencil eraser.

REFERENCES: None
INFORMATION TO: All concerned
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