

INSTRUCTIONS FOR INSTALLING THE
154798 SUPERFOLD FRICTION FEED PAPER HANDLING
MODIFICATION KIT ON A MODEL 28 TYPING UNIT

JUL 2 1959

1. GENERAL

a. The 154798 modification kit when installed on a Model 28 Friction Feed Typing Unit permits using single copy superfold paper. The paper used can be of any width from 4 to 8-1/2 inches. The kit will overcome the two major difficulties experienced with single copy friction feed superfold paper,

namely, (1) the outward fold catching on the lower edge of the paper fingers which tends to obstruct the passage of paper with some tearing at the fold and (2) the outward fold butting against the lower edge of the cover glass at the exit, preventing the paper from feeding out of the machine and resulting in a paper jam inside the cover. The new paper fingers in the kit have a guide which extends down to the paper shield, supporting the paper fully and thereby relieving the concentrated pressure at the end of the paper finger.

b. The 154798 modification kit consists of:

1	2191	Washer, Lock	1	158482	Finger w/Extension, Paper (left)
2	1293	Screw 4-40 x .120 Fil.			
1	3598	Nut 6-40 Hex.	1	158483	Finger w/Extension, Paper (right)
1	7002	Washer, Flat			
1	80481	Stud	1	158484	Plate Assembly
2	151346	Screw 6-40 x 3/8 Fil.	1	158485	Bracket, Left
1	153830	Guide, Form	1	158486	Bracket, Right
1	158481	Bail, Pressure	2	158487	Shaft

c. For part numbers referred to in the following text, other than those listed in the modification kit, see Teletype Model 28 Printer Parts Bulletin.

2. INSTALLATION

a. Remove the two 151073 screws and the two 110743 lock washers from the 150719 left platen retainer and remove the retainer from the unit.

b. Remove the 72468 spring located between the 150685 plate assembly and the right side frame.

c. Remove the 151073 screw, the 110743 lock washer, the 151637 screw, the 110743 lock washer, the 125802 washer, the 125011 washer from the 150720 right platen retainer and remove the retainer from the unit.

d. Remove the 150685 plate assembly by removing the 151703 pin, 150804 right paper finger and 150826 left paper finger, raise the 150900 line feed detent lever and remove the platen assembly from the unit.

e. Remove the 119651 retainer fastening the 150270 link to the 150276 paper release lever.

f. Remove the 119652 retainer fastening the 150386 ribbon drive link to the left ribbon spool bracket, and remove the 119652 retainer fastening the 150387 ribbon drive link to the right ribbon spool bracket.

g. Remove the four 151657 screws and four 2191 lock washer fastening the 157289 cross bar to the side frames and remove the paper pressure roller assembly from the unit.

h. Loosen the four 151689 screw fastening the four 150267 clamps to the cross bar friction tight. Disengage the two 152725 springs from the 157290 or 150098 pressure bail.

i. Slide the 150265 shaft to the right to remove the left end of the 157290 pressure bail from the assembly. Repeat this procedure by sliding the shaft to the left to remove the right end of the 157290 pressure bail.

NOTE: On units equipped with the 150098 pressure bail remove and discard the right and left front 150269 rollers and associate four 150266 guide levers by removing the 150265 shaft completely.

j. Assemble the 158481 pressure bail to the 157289 cross bar by reversing the procedure outlined in paragraphs i and h.

k. Assemble the pressure bail assembly to the side frames with the parts removed in paragraph g.

l. Assemble the right and left ribbon drive links to their associate ribbon spool bracket with the retainers removed in paragraph f.

m. Assemble the 150270 link to the 150276 paper release lever with the 119651 retainer removed in paragraph e.

n. Raise the platen detent lever and install the platen assembly to the unit fastening both ends with the retainers and associate parts removed in paragraphs a. and c.

o. Remove the two 150803 springs from the 150804 and 150826 paper fingers and assemble them to the 158482 and 158483 fingers.

p. Insert the 158484 plate assembly through the right side frame (similar to 150685 removed in step d.), assembling the 158483 right and 158482 left paper fingers, and the 151703 pin.

q. With the 157290 pressure bail away from the platen position both the right and left paper finger extensions with the formed tip through the slot, and replace the 72468 spring removed in paragraph b.

r. Assemble the 1293 screws to the 158484 plate assembly.

s. Remove the 150903 and 150904 paper spindle blocks from the unit, retain the two 151346 screws, the four 2191 lock washers, and the four 3598 nuts.

t. Assemble the 158487 rods and 158486 and 158485 brackets so that the formed portion of the bracket with the mounting holes (smaller holes) are toward the outside of the assembly. Mount the 158486 right bracket to the inside of the right side frame, formed ear containing large diameter holes toward the center of the unit, with two 151346 screws, the two 2191 lock washers, and the two 3598 nuts.

NOTE: Use rear two paper spindle block mounting holes.

u. Assemble the 158485 left bracket to the left side frame in a similar manner with two 151346 screws, the two 2191 lock washers, and the two 3598 nuts.

NOTE: When assembled in the unit, the 158487 rods should be between the side frames of the printer.

v. Remove the two 6345 nuts, the two 2191 lock washers, the two 7002 washers and the 152797 retainer plate sealing the paper emission slot located inside the console below cabinet terminal block.

w. Assemble the 80481 stud to the 153830 form guide with a 7002 washer, a 2191 lock washer and a 3598 nut, and install the assembly to the cabinet.

x. The superfold paper must enter the rear paper slot in the cabinet, be threaded over the rear shaft 158487, under the front shaft 158487 and over the 152832 paper straightening rod to the platen.

y. The paper fingers should be positioned for paper width with the paper release mechanism engaged.

z. It may be necessary to either fold or remove the corners of the leading edge of the paper when threading the paper around the platen.

3. LUBRICATION

For lubrication procedure refer to standardized lubrication information.

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1-154798

2/1293

PART NO. _____

QUANTITY _____

TELETYPE

BY THE
CORPORATION
1400 WRIGHTWOOD AVENUE
CHICAGO 14, ILL.

1/158483

1/158485

PART NO. _____

QUANTITY _____

TELETYPE

BY THE
CORPORATION
1400 WRIGHTWOOD AVENUE
CHICAGO 14, ILLINOIS-U.S.A.

1/2002

PART NO. _____

QUANTITY _____

TELETYPE

BY THE
CORPORATION
1400 WRIGHTWOOD AVENUE
CHICAGO 14, ILLINOIS-U.S.A.

1/158482

PART NO. _____

QUANTITY _____

TELETYPE

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