

INSTRUCTIONS FOR INSTALLING THE 152901\*\* (BELL SYSTEM 28A COPYHOLDER) OR 153900\*\* (BELL SYSTEM 28B COPYHOLDER) MODIFICATION KIT TO PROVIDE AN OFFSET COPYHOLDER ON THE TELETYPE MODEL 28 APPARATUS CABINET LAC200\*\*, LAC202\*\*, LAC204\*\*, LAC205\*\*, (BELL SYSTEM 28A, 28B, 28D) OR LAC201\*\*, LAC203\*\* (BELL SYSTEM 28C, 28E) RESPECTIVELY

## 1. GENERAL

a. The 152901\*\* or 153900\*\* modification kit provides facilities for holding copy during transmission. The copy is held against a flat plate by an adjustable line-guide assembly. The line-guide assembly in turn is mounted on a pivot arm which may be rotated so as to keep the line-guide flat against varying amounts of copy. The 152901\*\* or 153900\*\* offset copyholder modification kit mounts to the right side of floor-type cabinets LAC200\*\*, LAC202\*\*, LAC204\*\*, LAC205\*\* (Bell System 28A, 28B, 28D) or table-type cabinets LAC201\*\*, LAC203\*\* (Bell System 28C, 28E) respectively.

b. The double asterisk (\*\*) designates a two letter suffix which indicates the paint finish. The following finishes are available:

AA - Black Wrinkle	AD - Dark Brown Wrinkle
AB - Gray Green Wrinkle	BJ - Dark Gray Smooth
AC - Light Brown Wrinkle	

c. The 152901\*\* modification kit consists of:

3 2191 Washer, Lock	3 108355 Nut 1/4-20
3 2449 Washer, Lock	3 152848 Screw 1/4-20 x 3/4 Button
3 2846 Washer, Flat	1 153104** Bracket, Copyholder
3 82505 Screw 6-32 x 11/32 Fil.	1 153105** Copyholder Assembly

\*d. The 153900\*\* modification kit consists of:

3 2191 Washer, Lock	1 153105** Copyholder Assembly
2 3438 Washer, Flat	1 154869** Bracket with Nut (Lower)
3 82505 Screw 6-32 x 11/32 Fil.	1 155085** Bracket with Nut (Upper)
2 93108 Washer, Lock	1 155086 Pad, Rubber
2 98642 Washer, Lock	3 155087 Screw 1/4-20 x 7/16 Button
1 153104** Copyholder Bracket	

\*d. For part numbers referred to and for parts ordering information, see Teletype Model 28 Printer Parts Bulletin.

## 2. INSTALLATION (Figure 1)

a. 152901\*\* modification kit:

(1) Attach the 153104 copyholder bracket to the right side of cabinet. The three screws, lock washer, washers and nuts to be used are contained in a cloth bag attached to the copyholder arm.

(2) Assemble the 153130\*\* copyholder (part of the 153105\*\* copyholder assembly) on the 153104\*\* copyholder bracket with the three 82505 screws and 2191 lock washers.

(3) To increase the tension on the 153099 line pivot arm, tighten the four screws holding the bearing plates to the brackets

(4) To increase the tension of the 153113 line guide on the copy, remove the lower bearing plate and then remove the 151637 screw at the lower end of the 153107 arm. Then slide the line guide assembly off the 153099 square pivot arm. Rotate bushing to desired tension in torsion spring and reassemble to the pivot arm. Replace the lower bearing plate and 151637 screw. Adjust tension on bearing plate by means of associated screws.

b. 153900\*\* Modification Kit (Figures 4-10)

(1) Invert the cabinet so that bottom faces the front; then open dome.

(2) Assemble the 153104\*\* copyholder bracket to the 153105\*\* copyholder assembly using the three 82505 screws and 2191 lock washers.

(3) Remove the two 112626 nuts and 2669 lock washers from the center edge of the right inner section of the cabinet bottom (these parts mount the shock mounts in the cabinet). Retain the two 112626 nuts but discard the two 2669 lock washers.

(4) Mount the 154869 lower bracket to the cabinet bottom using the two 112626 nuts retained in paragraph 2b (3) and two 98642 lock washers and 3438 flat washers. The nuts should be loosely held so that it may be moved on its elongated holes for adjustment later. The bracket should be in the forward position.

(5) Mount the assembly (parts assembled in paragraph 2b (2)) to the 154869 lower bracket using two 155087 screws and 93108 lock washers.

(6) Place the 155086 rubber pad on the nut of the 155085\*\* upper bracket.

(7) Place the 155085\*\* upper bracket (with nut) on the front right top portion of the cabinet, near the dome catch bracket. Use the remaining 155087 screw to secure the 153104\*\* copyholder bracket to the 155085\*\* upper bracket. Align the whole assembly so that the upper bracket hole aligns with the 153104\*\* bracket's top hole. Tighten the screw against the 155086 rubber spacer so that the 153104\*\* bracket fits tight against it.

(8) Tighten all screws and nuts.

(9) Return the cabinet to its normal upright position.

(10) Follow procedure in paragraphs 2a (3) and (4).

(11) Loosen the two nuts that secure the lower bracket of the 153900 modification kit to the bottom of the cabinet.

(12) Slide the lower bracket along the elongated holes so that the 155086 top bracket hole and the top hole of the 153104 bracket (in 152901 modification kit) aligns.

(13) Tighten all nuts and the top bracket screw.

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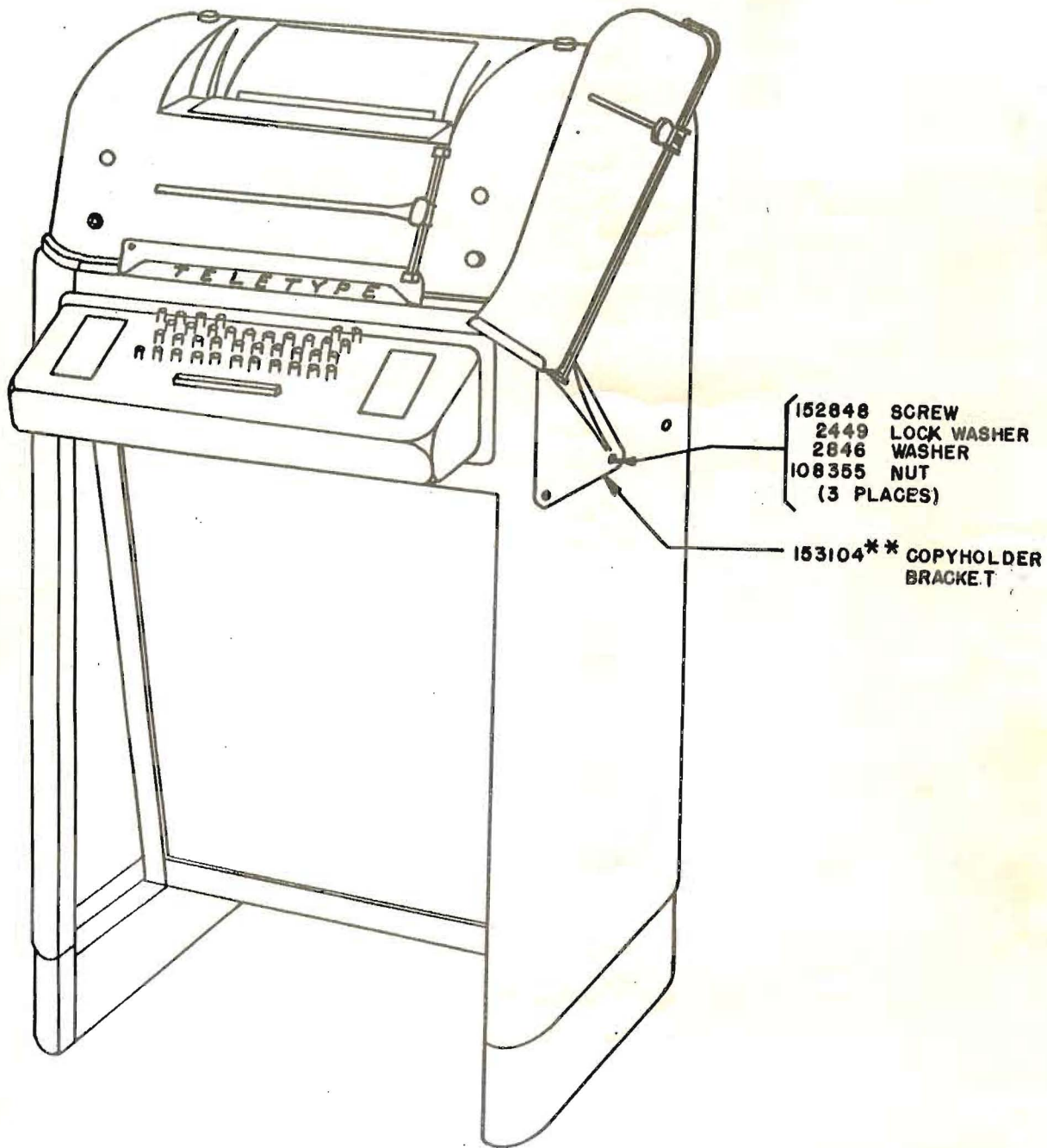


FIGURE 1