

INSTRUCTION FOR REPLACING THE 152434 OR 153491 RANGE FINDER
PLATE ON A MODEL 28 TYPING UNIT USING THE 153904 OR 154723 MODIFICATION
KIT RESPECTIVELY

1. GENERAL

a. The 153904 modification kit when installed on a Model 28 Typing Unit replaces the 152434 range finder plate no longer available.

b. The 154723 modification kit when installed on a Model 28 Typing Unit replaces the 153491 range finder plate no longer available.

c. The modification kit consists of:

		153904	154723
1	2669 Washer, Lock	x	
1	112626 Nut 10-32	x	
2	119652 Ring, Retainer	x	x
2	152441 Washer, Flat	x	x
1	153489 Detent	x	
1	155096 Plate w/studs	x	x

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

2. INSTALLATION (Figure 1)

a. Remove the range finder assembly by removing the two 151657 screws, two 2191 lock washers, one 8330 flat washer (if present), one 3598 nut, and 2191 lock washer and the 152897 guide (if present). Retain all parts except the 152897 guide.

*b. Remove the 152429 sector rack from the 152434 or 153491 plate by removing the two 151692 screws, two 2191 or 124177 lock washers, two 74283 spring washers, two 152441 flat washers and the two 152440 bushings. Retain the 152429 sector rack, the two 74283 spring washers, and the two 152441 flat washers.

*c. For the 153904 modification kit, remove the 3598 nut, the 152895 insulator if present, or the 3606 nut and 2191 lock washer if present, and remove the 152435 or 153489 range scale stud, the 152436 range scale knob, the 152445 spring and the 152437 spacer from the 152434 or 153491 plate. Retain the 152436 knob and the 152445 spring.

d. For the 154723 modification kit, remove the 112626 nut, the 2669 lock washer, the 153489 detent, the 152436 knob, and the 152445 spring from the post on the 153491 plate. Retain all parts.

*e. Remove the 3599 nut, the 110743 lock washer and the 152439 shaft or the 119648 retainer, and 157261 shaft from the 152429 sector rack to remove the 152427 latch lever and 152438 stop arm bail. Discard the 3599 nut, 110743 lock washer and 152439 shaft.

* Indicates change

NOTE: Do not loosen the 110434 clamping screw that mounts the 152432 clutch stop arm to the 152438 bail or the stop arm adjustment will have to be remade.

f. Place the 152429 sector rack over the small studs on the 155096 plate and assemble one 152441 flat washer (previously retained in Paragraph 2.b), one 74283 spring washer, one 152441 flat washer, and one 119652 retainer ring over each stud.

*g. Replace the parts previously removed and retained (in Paragraph 2. e) to the sector.

h. Assemble the 152445 spring, the 152436 knob, the 153489 detent, the 2669 lock washer and the 112626 nut to the large post on the 155096 plate. When positioning the 152436 knob be certain that the zero comes to rest at the indicator mark when the sector rack gear is at either of both extreme positions.

i. Assemble range finder assembly to selector using the mounting parts previously removed.

3. ADJUSTMENTS AND LUBRICATION

For adjusting and lubrication procedure refer to standardized adjustment and lubrication information.

Use two drops of oil on all pivots, sliding surfaces and gear teeth.

* * *

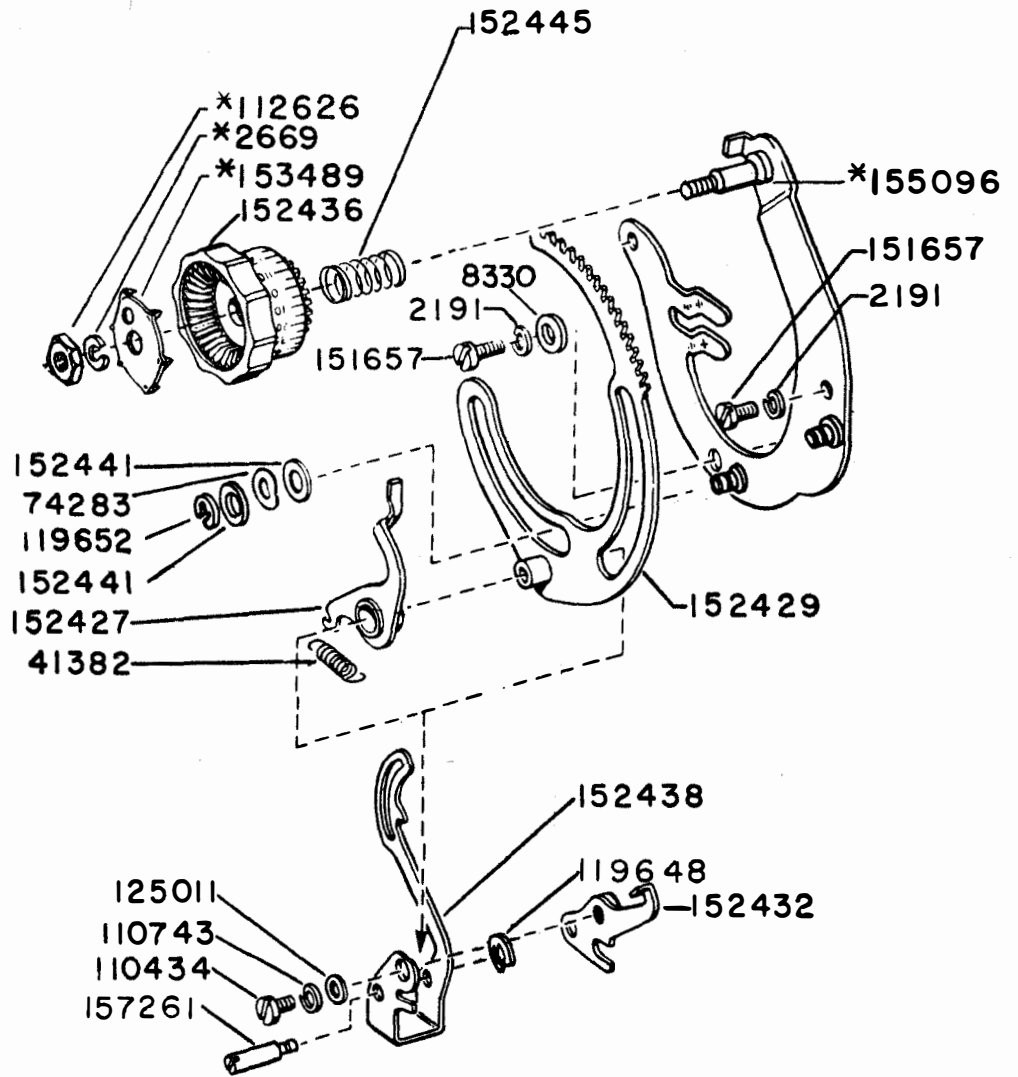


FIGURE I.