

INSTRUCTIONS FOR INSTALLING THE 197673 MODIFICATION KIT TO PROVIDE INDICATOR DISC FOR THE 161430 HAND WHEEL

1. GENERAL

a. The 197673 Modification Kit is for use with the 161430 Handwheel. By the use of this modification kit the handwheel can be used to statically check the relation of the stunt box contact opening and closing by following the procedure listed in this specification under adjustments and lubrication.

b. The divisions on the indicator disc each represents three degrees and the timing relationship is based on the printer main shaft speed.

c. The 197673 Modification Kit consists of:

1	197671	Indicator Disc	1	197672	Pointer
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d. For parts referred to, other than those included in the modification kit, refer to Teletype Model 28 Printer Parts Bulletin 1149B, except for the 161430 Handwheel which appears in Teletype Bulletin 1124B.

2. INSTALLATION

a. Remove the raised letters "LEFT THR" which appear on the recessed portion of the 161430 Handwheel.

b. Clean the 161430 Handwheel so that it is completely free of all oil, grease, or foreign matter in the recessed portion.

c. Apply a film of solvent on the side opposite the markings on the 197671 Indicator Disk. Allow to set until the surface becomes tacky.

NOTE

Petroleum spirits or stabilized trichlorethylene are satisfactory solvents for the disc.

d. Press the disc into the recessed portion of the handwheel and allow to set until the bonding agent is dry and the disc is firmly held in place.

e. The handwheel may now be mounted on the unit.

f. Loosen the front mounting unit for the range finder assembly and slide the 197672

Pointer under the nut. Tighten the nut.

3. ADJUSTMENTS AND LUBRICATION

a. To adjust the pointer loosen the mounting nut and position the pointer so that it points toward the center of the handwheel.

b. For the timing adjustment using the 197673 Modification Kit follow the procedure listed below.

(1) For adjustment and lubrication procedure on the contact assembly refer to standardized information, for other than Bell System see Bulletin 217B or 236B.

(2) Lock the selector armature in the mark position.

(3) Rotate the main shaft until all the clutches are latched and manually select the blank.

(4) Place an ohmmeter across the normally open "Blank" contact in Slot 36 of the function box.

(5) Rotate the main shaft until the pointer is at 0 on the indicator disc.

(6) Trip the code bar clutch, rotate the main shaft and note the indicator disc reading when the function box contact closes.

(7) When the indicator disc reaches 0, re-trip the code bar clutch and note when the contact opens.

(8) Place the ohmmeter across the normally open universal contact and repeat the above procedure; noting when the universal contacts close and re-open.

(9) The static relationship between the operation of the function box contact and the universal contact should meet the requirements outlined in the Teletype Bulletin 217B or the adjustment and lubrication section of Teletype Specification 5804S.

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