

*INSTRUCTIONS FOR INSTALLING THE 163775
MODIFICATION KIT TO EQUIP MODEL 28 KEYBOARD
LK6 AND UP OR LAK WITH SPACE-REPEAT
MECHANISM

1. GENERAL

*a. The 163775 Modification Kit when installed on a Model 28 Keyboard LK6 and up or LAK provides the space-repeat function when the space bar is held depressed.

b. The 163775 Modification Kit consists of:

| <u>Qty.</u> | <u>Part Number</u> | <u>Description</u> |
|-------------|--------------------|--------------------|
| 1 | 2191 | Washer, Lock |
| 2 | 3599 | Nut, 4-40 |
| 1 | 76422 | Spring |
| 1 | 110743 | Washer, Lock |
| 1 | 119648 | Ring, Retaining |
| 1 | 151152 | Screw, Hex. |
| 1 | 151686 | Screw, Fil. |
| 1 | 151692 | Screw, Fil. |
| *1 | 151731 | Screw, Fil. |
| 1 | 163813 | Plate w/Stud |
| 1 | 163814 | Lever w/Stud |

c. For parts ordering information, see Teletype Model 28 Printer Parts Bulletins 1149B and 1169B.

2. INSTALLATION

a. Remove the signal generator assembly from the keyboard in accordance with standard practice.

b. Assemble 163814 Lever with hub to the 163813 Plate with stud and 119648 Retaining Ring.

c. Mount 151686 Adjusting Screw and 3599 Lock Nut to the 163813 Plate with stud.

d. Install the parts assembled in Paragraphs 2.b. and 2.c. above on signal generator back plate with the 151152 Screw, 110743 Lock Washer, 151692 Screw, and 2191 Lock Washer.

*e. Mount 151731 Adjusting Screw and 3599 Lock Nut to the 163814 Lever with hub.

*Indicates Change

f. Mount the 76422 Spring.

g. Remount signal generator assembly in accordance with standard practice.

3. ADJUSTMENTS AND LUBRICATION

For standard adjustments and lubrication procedure refer to standardized information. Make adjustments and lubrication as shown on attached Figures 1 and 2.

* * *

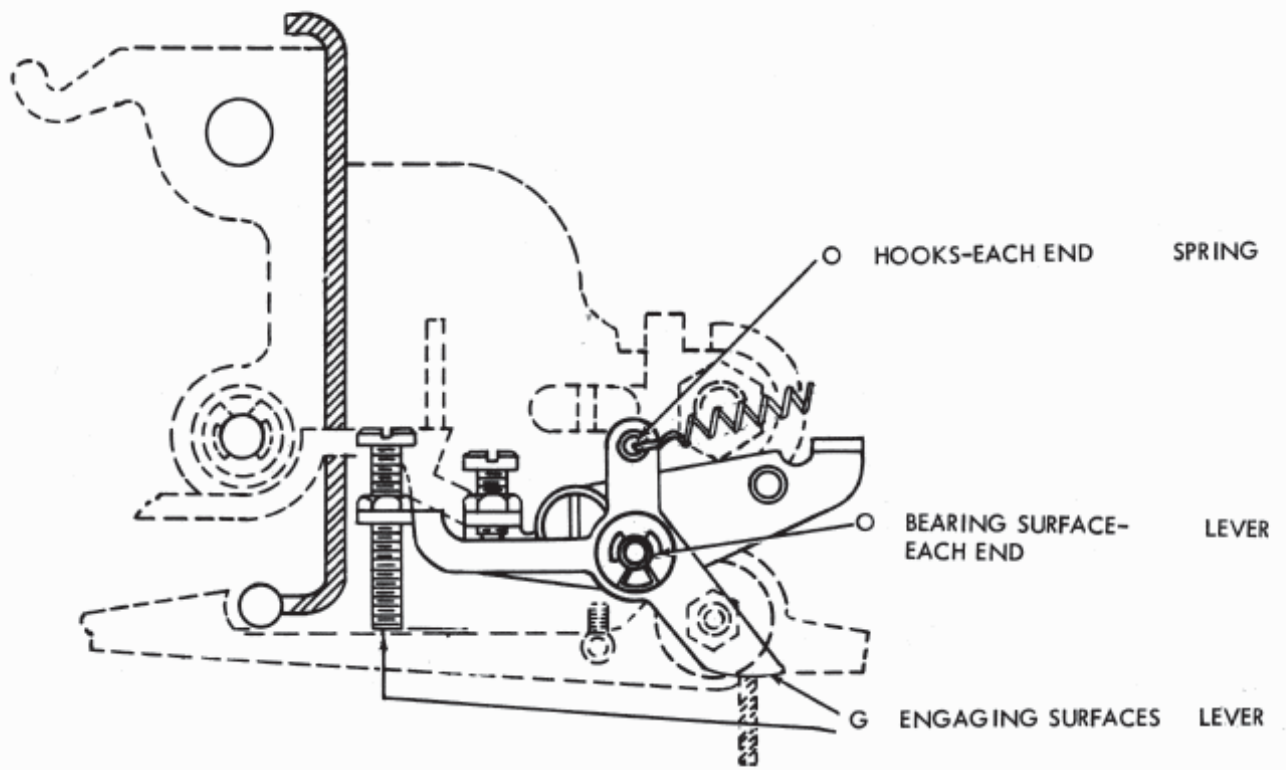
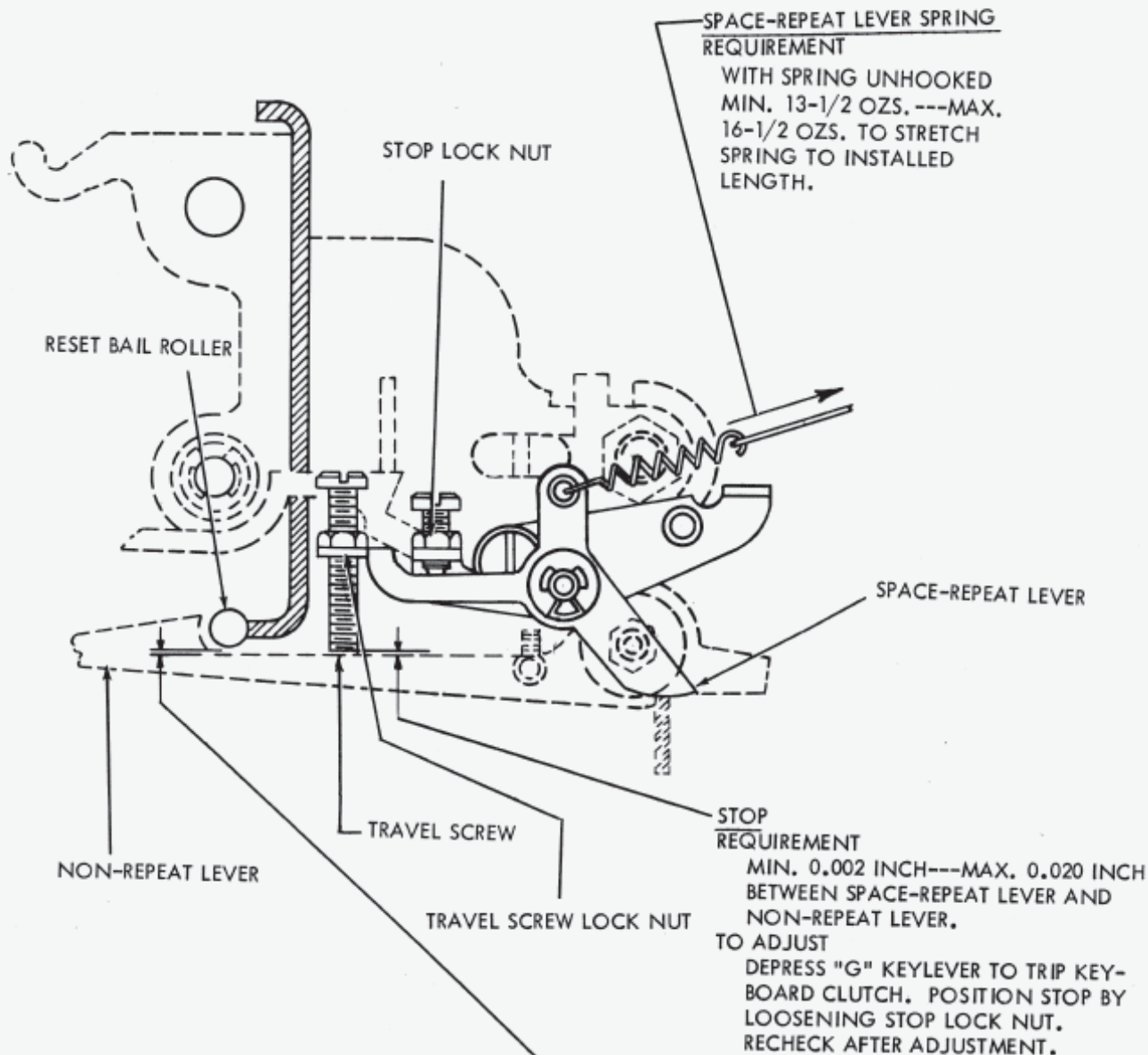


FIGURE 1

FIGURE 2



SPACE-REPEAT LEVER SPRING REQUIREMENT
 WITH SPRING UNHOOKED
 MIN. 13-1/2 OZS. ---MAX.
 16-1/2 OZS. TO STRETCH
 SPRING TO INSTALLED
 LENGTH.

STOP REQUIREMENT
 MIN. 0.002 INCH---MAX. 0.020 INCH
 BETWEEN SPACE-REPEAT LEVER AND
 NON-REPEAT LEVER.
 TO ADJUST
 DEPRESS "G" KEYLEVER TO TRIP KEY-
 BOARD CLUTCH. POSITION STOP BY
 LOOSENING STOP LOCK NUT.
 RECHECK AFTER ADJUSTMENT.

TRAVEL SCREW REQUIREMENT
 WITH SPACE KEY FULLY DEPRESSED:
 MIN. 0.035 INCH---MAX. 0.080 INCH
 BETWEEN RESET BAIL ROLLER AND
 NON-REPEAT LEVER.
 TO ADJUST
 WITH SPACE KEY FULLY DEPRESSED,
 ADJUST TRAVEL SCREW BY LOOSENING
 TRAVEL SCREW LOCK NUT. RECHECK
 AFTER ADJUSTMENT.

NOTE
 SPACE BAR TOUCH TO OBTAIN A
 REPEAT IS AFFECTED BY THIS ADJUST-
 MENT. TO GET A LIGHTER TOUCH,
 ADJUST TO UPPER LIMIT. TO OBTAIN
 A HEAVIER TOUCH ADJUST TO THE
 LOWER LIMIT.



SPACE BAR
 (1) REQUIREMENT (SINGLE SPACE)
 NORMAL KEY TOP PRESSURE
 TO TRANSMIT SINGLE SPACE
 (2) REQUIREMENT (REPEAT SPACE)
 SPACE BAR FULLY DEPRESSED AND
 HELD DOWN TO EFFECT CONTINUOUS
 SPACE TRANSMISSION.