INSTRUCTIONS FOR INSTALLING THE 162375 UNSHIFT-ON-SPACE MODIFICATION KIT ON A MODEL 28 TYPING REPERFORATOR (LPR)

1. GENERAL

   a. The 162375 Modification Kit when installed on a Model 28 Typing Reperforator (LPR) provides an unshift function upon the receipt of a space combination. Operation is as follows: Upon the receipt of a space code combination the space sensing blade is allowed to fall between the bell crank tines. The stripper blade then contacts the letter arm assembly which rotates the letters arm extension allowing the figures arm assembly to rotate to the unshift position. The unit then unshifts in the normal manner.

   b. The 162375 Modification Kit consists of:

      2 3640 Washer, Lock
      1 121100 Spring
      2 125011 Washer, Flat
      2 151152 Screw 4-40 x 3/16 Hex.
      1 162362 Blade
      1 162363 Stripper
      1 162863 Sleeve, Blocking

   c. For part numbers referred to and for parts ordering information see Teletype Model 28 Typing Reperforator (LPR) Parts Bulletin.

2. INSTALLATION (Figure 1)

   *a. Remove the signal bell contact and signal bell function blade.

   b. Place the 162362 Space Function Blade and 162363 Stripper (attached with the two 125011 Washers, 3640 Lock Washers and 151152 Screws) in the function box slot number 2. (Slots are numbered from right to left as viewed from front.) Hook the 121100 Spring to the 162362 Space Function Blade and to the 156268 Spring Bracket behind the function box rear plate.

   *c. Install the 162863 Blocking Sleeve over the 121100 Spring with its slots up.

3. ADJUSTMENTS (Figures 2 and 3) AND LUBRICATION

   For adjustment and lubrication procedure refer to standardized information. Make the adjustments in Figures 2 and 3.

*Indicates Change
VARIABLE FEATURES

UNSHIFT ON SPACE MECHANISM

(1) TO CHECK
REMOVE SIGNAL BELL CONTACT AND SIGNAL BELL FUNCTION BLADE. SELECT FIGURES CODE COMBINATION (12-45). ROTATE MAIN SHAFT UNTIL LIFTER ROLLER IS ON LOW PART OF ROCKE BAIL'S CAMMING SURFACE AND UNSHIFT-ON-SPACE FUNCTION BLADE RESTS ON BELL CRANKS.

REQUIREMENT
MIN: SOME --- MAX. 0.015 INCH BETWEEN STRIPPER BLADE AND LETTERS EXTENSION ARM.

(2) TO CHECK
SELECT SPACE CODE COMBINATION (--3--). ROTATE MAIN SHAFT UNTIL STRIPPER BLADE TOUCHES LETTERS EXTENSION ARM.

REQUIREMENT
WHEN PLAY IS TAKEN UP IN EITHER DIRECTION, STRIPPER BLADE SHOULD ENGAGE AN EQUAL THICKNESS OF LETTERS EXTENSION ARM.

TO ADJUST
POSITION STRIPPER BLADE ON FUNCTION BLADE WITH TWO MOUNTING SCREWS LOOSENED, REINSTALL SIGNAL BELL CONTACT AND SIGNAL BELL FUNCTION BLADE.

MAKE SIGNAL BELL CONTACT MOUNTING BRACKET ADJUSTMENT IN FIGURE 3

FIGURE 2. UNSHIFT ON SPACE MECHANISM
SIGNAL BELL CONTACT MECHANISM

(A) CONTACT MOUNTING BRACKET

(1) TO CHECK
DISCONNECT CONTACT. SELECT LETTERS CODE COMBINATION (12345). ROTATE MAIN SHAFT UNTIL BELL FUNCTION BLADE IS IN LOWEST POSITION (RESTING ON BELL CRANKS).
REQUIREMENT
NORMALLY OPEN CONTACT OPEN.

(2) TO CHECK
SELECT BELL (FIGURES S) CODE COMBINATION (1-3--). ROTATE MAIN SHAFT UNTIL BELL FUNCTION BLADE IS IN LOWEST POSITION.
REQUIREMENT
BELL FUNCTION BLADE IN SLOTS OF BELL CRANKS AND NORMALLY OPEN CONTACT CLOSED.

TO ADJUST
WITH MOUNTING SCREWS LOOSENED, POSITION CONTACT MOUNTING BRACKET.

CAUTION
THERE SHOULD BE SOME CLEARANCE BETWEEN RIBBON FEED DRIVE ROLLER AND CONTACT MOUNTING BRACKET WHEN UNIT IS IN STOP POSITION. IF NECESSARY, REFINE ABOVE ADJUSTMENT.

FIGURE 3. SIGNAL BELL CONTACT MECHANISM