

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	2	151152	Screw 4-40 x 3/16 Hex.
1	121100	Spring	1	162362	Blade
2	125011	Washer, Flat	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.

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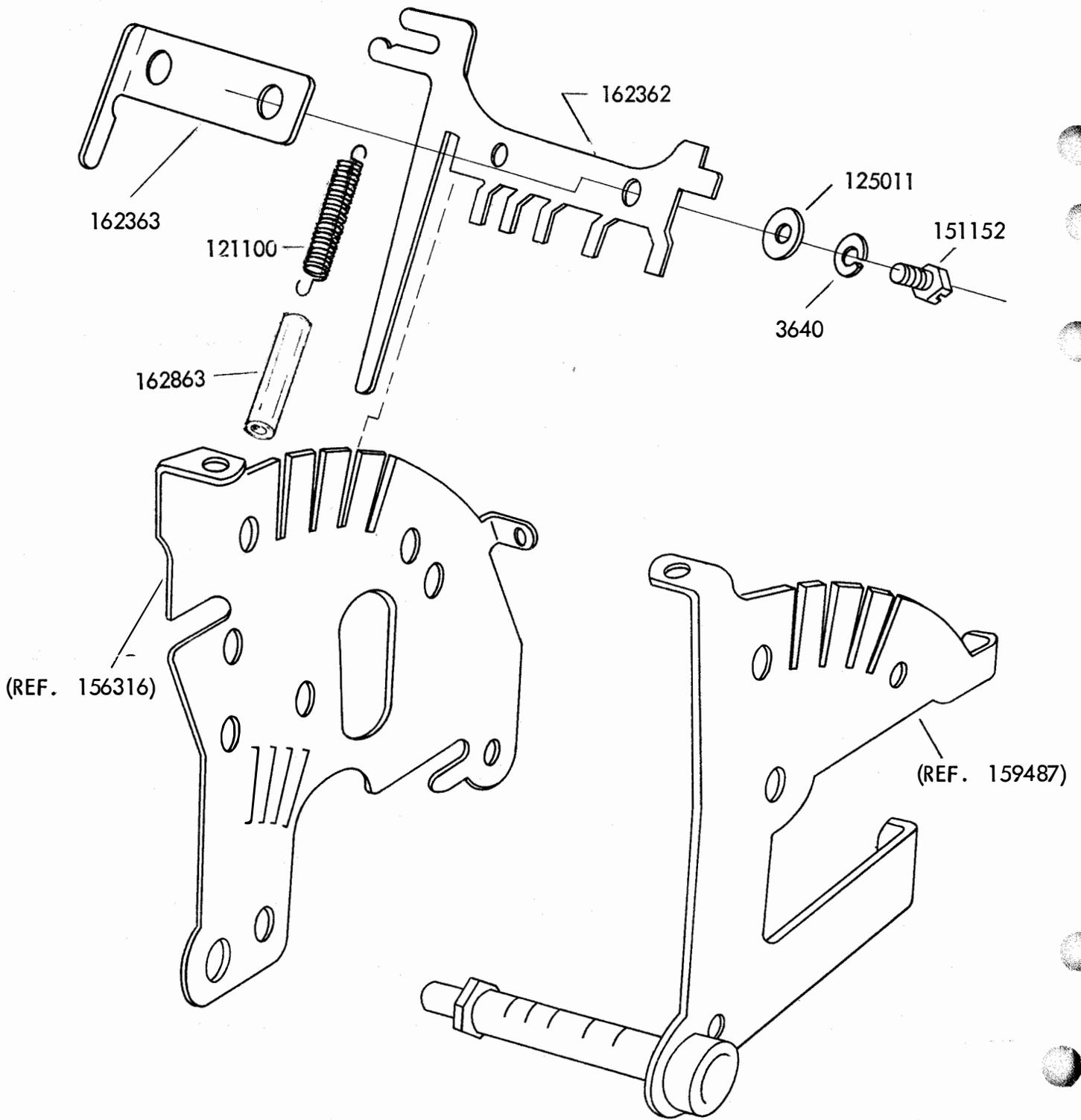
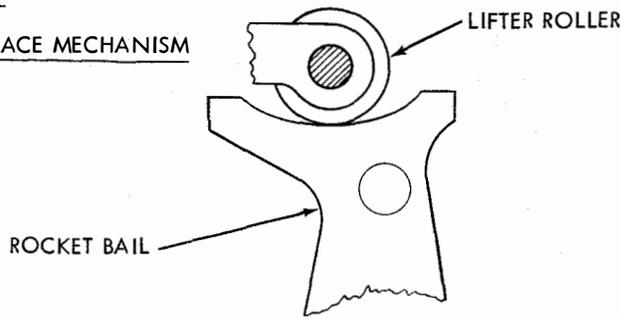


FIGURE 1

VARIABLE FEATURES

UNSHIFT ON SPACE MECHANISM



(REAR VIEW)

UNSHIFT-ON-SPACE FUNCTION BLADE

- (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 ROCKER 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.

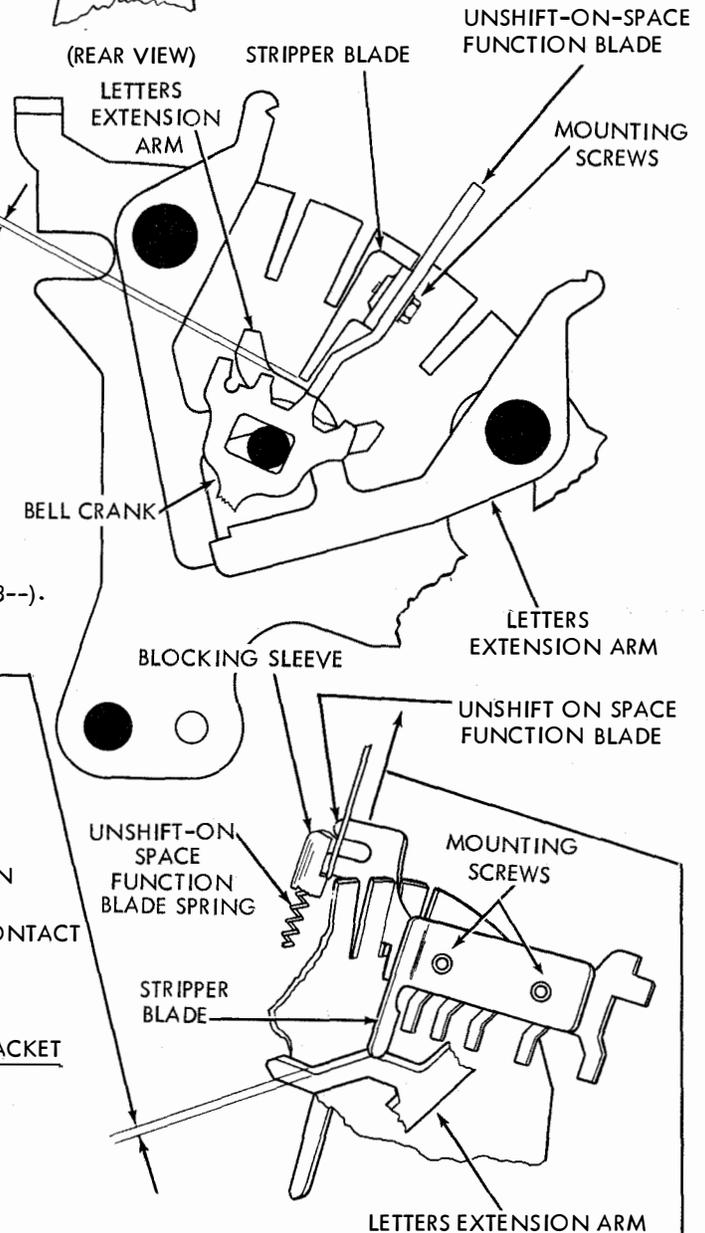
REQUIREMENT

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



UNSHIFT-ON-SPACE FUNCTION

BLADE SPRING

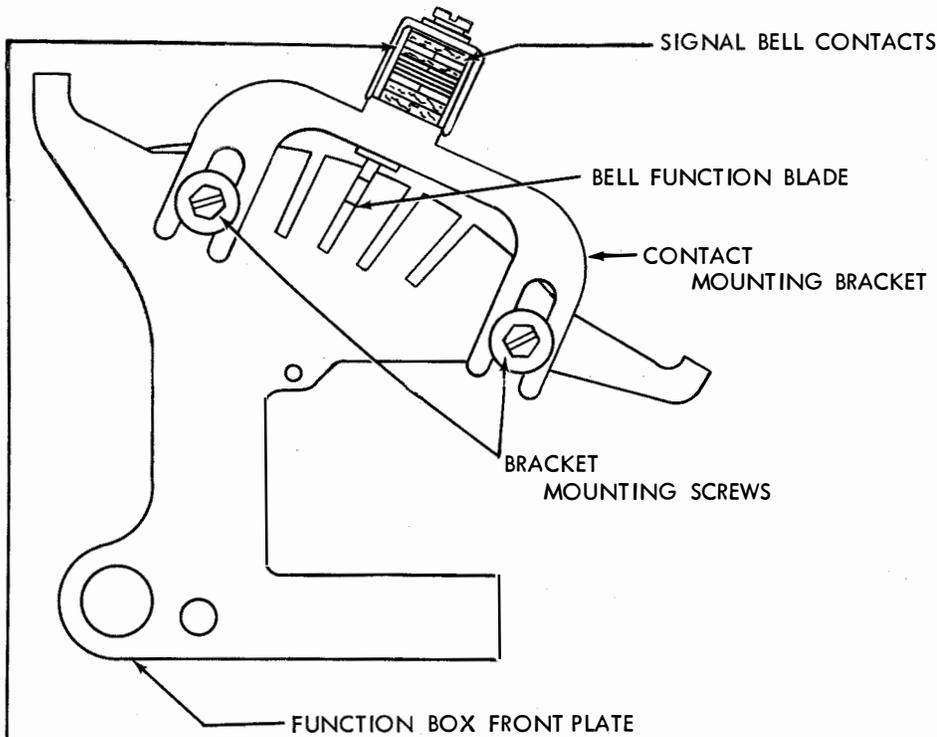
REQUIREMENT

WITH UNIT IN STOP POSITION AND LONG SLOT IN BLOCKING SLEEVE ENGAGING FUNCTION BLADE:

MIN. 7 OZS. ---MAX. 10 OZS. TO START BLADE MOVING.

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

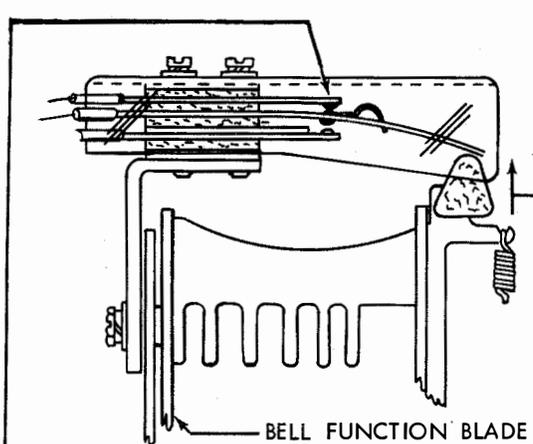
SELECT BELL (FIGURES S) CODE COMBINATION (1-3--). ROTATE MAIN SHAFT UNTIL BELL FUNCTION BLADE IS IN LOWEST POSITION.

REQUIREMENT

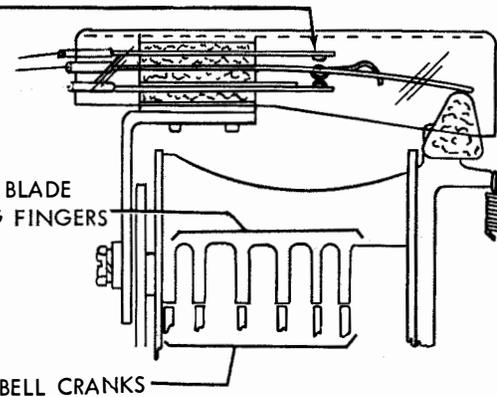
BELL FUNCTION BLADE IN SLOTS OF BELL CRANKS AND NORMALLY OPEN CONTACT CLOSED.

TO ADJUST

WITH MOUNTING SCREWS LOOSENED, POSITION CONTACT MOUNTING BRACKET.



BELL FUNCTION BLADE



BELL FUNCTION BLADE
SENSING FINGERS

BELL CRANKS

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