

38 KEYBOARD

ADJUSTMENTS

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(see figure). Unless otherwise stated, screws and nuts should be friction tight when making an adjustment and tightened when the adjustment is made.

1.04 When using pry points or slots to make an adjustment, place the blade of a screwdriver between points or in the slots and pry in the proper direction. Information for tools and scales necessary for making adjustments will be found in Section 570-005-800TC.

1.05 When cleaning plastic parts such as the keyboard cover, use soap or detergent and water. Do not use solvents containing alcohol or chlorinated ingredients.

CAUTION: IF KEYBOARD IS ATTACHED TO PRINTER, DISCONNECT POWER FROM THE EQUIPMENT BEFORE MAKING ADJUSTMENTS.

1.06 When the keyboard and reset mechanism are mated (on the printer), first make the TRIP ARM adjustment found in Section 574-422-700TC.

1.07 Adjustments in this section also apply to keyboards used in APL (A Programming Language) sets.

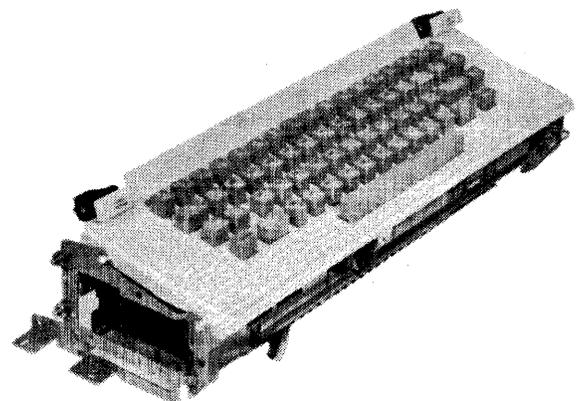
1. GENERAL

1.01 This section provides adjustment information for model 38 keyboard. It is reissued to make a few minor corrections. Marginal arrows indicate the corrections. The adjustments are arranged in a sequence that should be followed if a complete readjustment of the mechanism is necessary. Read a procedure all the way through before making an adjustment.

NOTE: Perform adjustments with the typing assembly removed from the set. Instructions for removal are found in Section 574-400-702TC.

1.02 After adjustments are completed, make sure to tighten any screws or nuts that may have been loosened during the adjustment procedure. Spring tension values are scale readings which should be obtained with the proper scales. Springs not meeting specified requirements should be replaced (except when an adjustment is indicated). All spring tensions are in ounces unless otherwise specified.

1.03 References made to right or left, front or rear apply to the keyboard as viewed by the operator in its normal operating position



38 Keyboard

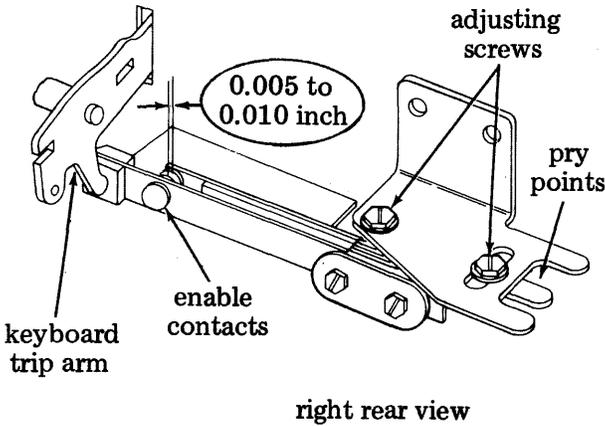
2. BASIC UNIT

ENABLE CONTACT

- Keyboard in unoperated condition.
- Trip arm latched and in contact with insulated tip of contact.

Requirement — 0.005 to 0.010 inch gap between contacts.

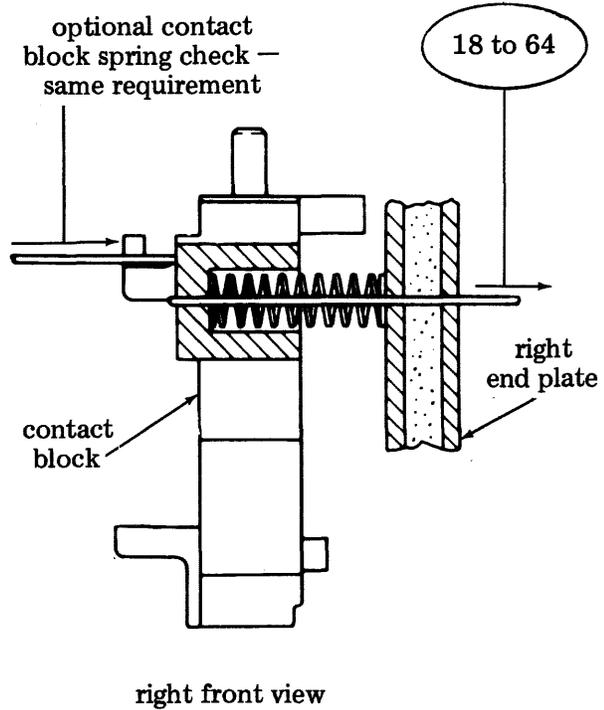
Adjust — Loosen adjusting screws.
Use pry points to meet requirement .



CONTACT BLOCK SPRING

- Remove T-lever guide.

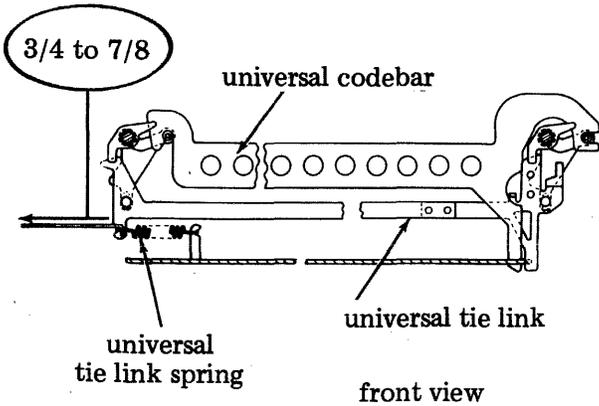
Requirement — 18 to 64 to start contact block moving (each spring location).



UNIVERSAL TIE LINK SPRING

- Unhook spring from tie link.
- Depress any primary key to normal down-stop position.

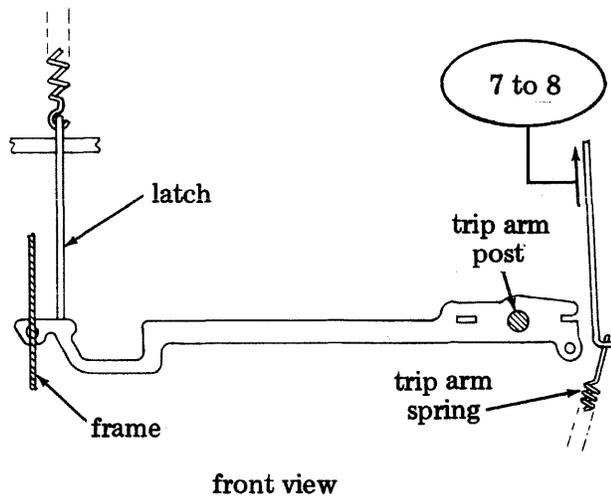
Requirement — 3/4 to 7/8 to stretch spring to normal downstop working length.



TRIP ARM SPRING

- Keyboard in latched position.

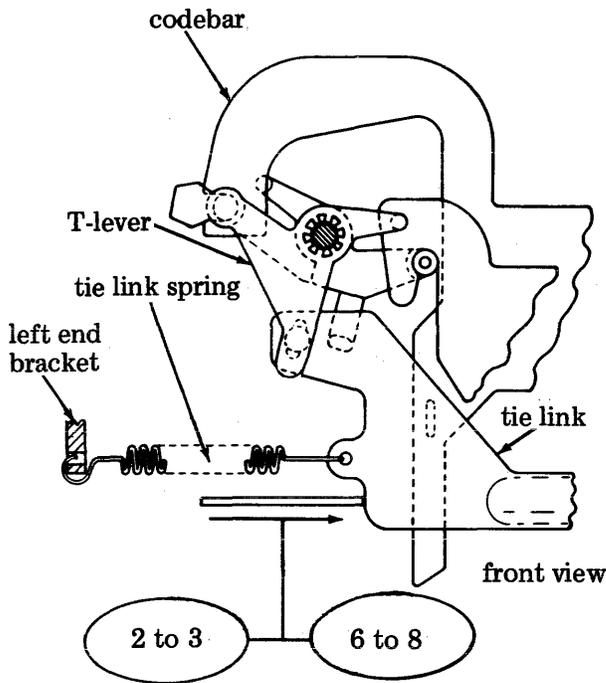
Requirement — 7 to 8 to stretch spring to installed length.



SHIFT OR CONTROL TIE LINK SPRINGS

- Keyboard in unshifted position.

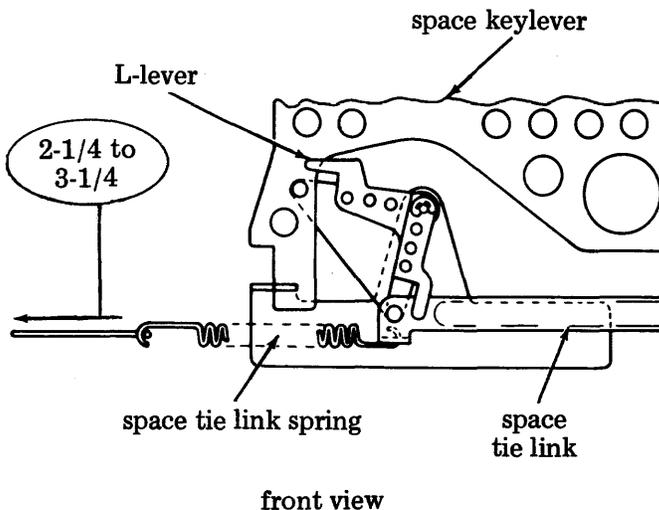
Requirement — Shift tie link: 2 to 3; control tie link 6 to 8 to start tie link moving.



SPACE TIE LINK SPRING

- Unhook spring from frame.

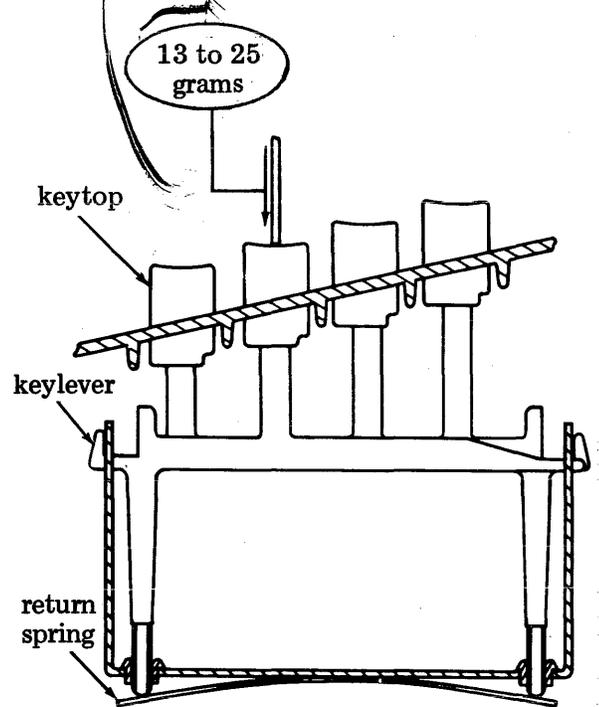
Requirement — 2-1/4 to 3-1/4 to extend spring to installed length.



KEYLEVER RETURN SPRING

- Depress any keytop (nonrepeat) to normal downstop position and release.

Requirement — 13 to 25 grams to start key-lever moving.

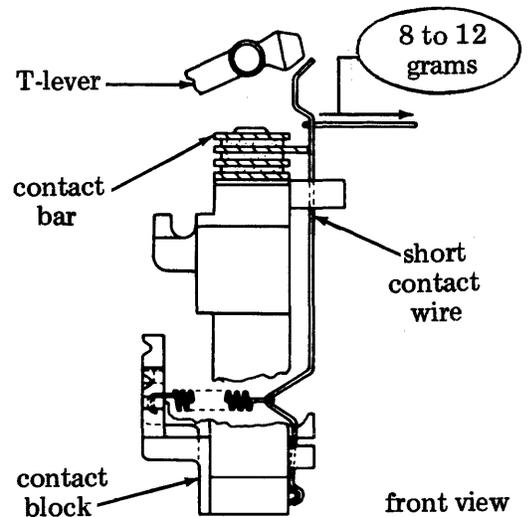


SHORT CONTACT WIRE SPRING

- Position T-lever away from contact wire.
- Check contact wire in closed position.

Requirement — 8 to 12 grams to start contact wire moving.

CAUTION: DO NOT ADJUST CONTACT WIRES.



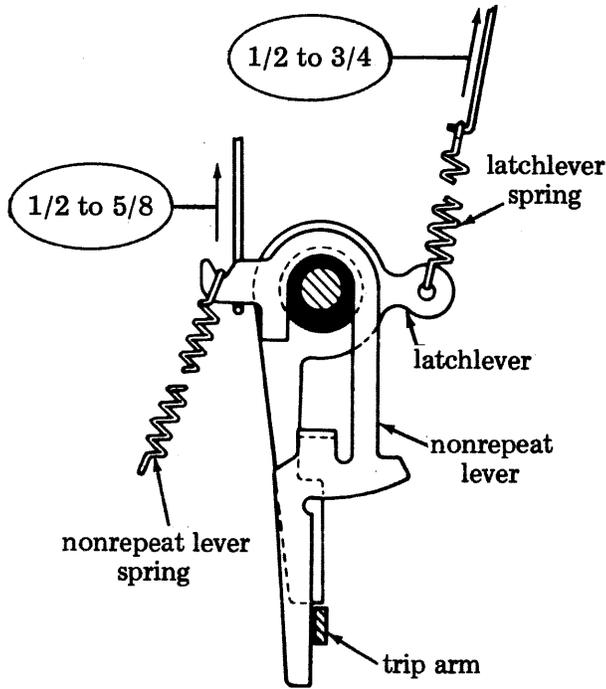
LATCHLEVER AND NONREPEAT LEVER SPRINGS

- Unhook latchlever spring.
- Hold trip arm in overtravel position.

Requirement 1 — 1/2 to 3/4 to extend spring to installed length.

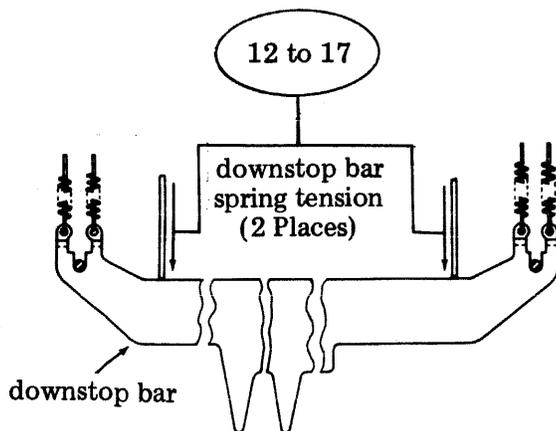
- Move latch away from nonrepeat lever.

Requirement 2 — 1/2 to 5/8 to start non-repeat lever moving.



DOWNSTOP BAR SPRING

Requirement — 12 to 17 to start downstop bar moving.



KEYTOP FORCE AND CODEBAR BINDS

- Attach keyboard to reset mechanism.
- Depress keylever.

Requirement — Maximum 7 to depress key to normal downstop position.

- Hold trip arm in overtravel position to check for codebar binds.
- Depress O (letter).
- Depress 0 (figure).
- • Depress LINE FEED.

→ Requirement — Maximum 7 oz to normal downstop.

REPEAT FORCE

- Depress any repeatable key past normal downstop position.

Requirement — 12-1/2 to 54 to trip keylever.

