32 AND 33 KEYBOARD

DISASSEMBLY AND REASSEMBLY

CONTENTS   PAGE

1. GENERAL

1.01 This section is issued to provide disassembly and reassembly instructions for the 32 and 33 keyboard and to present the instructions as a separate section.

1.02 References to "left," "right," "front," "rear," etc consider the keyboard to be viewed from a position where the spacebar faces up and the contact mechanism is located to the viewer's right.

1.03 The disassembly procedure given in this section will break the keyboard down into its major assemblies and mechanisms. If further disassembly is required, refer to the appropriate illustrated parts section which shows detailed arrangements of parts. Where it will help in determining their location, the numbers of the parts are given in the instructions.

2. DISASSEMBLY AND REASSEMBLY

CAUTION: BEFORE BEGINNING DISASSEMBLY, REMOVE CONNECTORS FROM EXTERNAL RECEPTACLES (POWER SOURCE, DATA SET, ETC).

2.01 General:

(a) When self-tapping screws are used to mount mechanisms onto castings, do not remove the self-tapping screws. Merely loosen them enough to remove the mechanisms unless specifically instructed otherwise.

(b) Retaining rings are made of spring steel and have a tendency to release suddenly. To avoid loss of these rings when removing them, proceed as follows:

  (1) Hold retaining ring to prevent its rotating.

  (2) Place blade of screwdriver in one of ring's slots and rotate screwdriver to increase diameter.

  (3) Ring will come off easily in fingers without flying.

2.02 To remove keyboard and call control unit, proceed as follows:

Note: Reference Figures 1 and 2.

(1) Remove the keyboard plug from its receptacle on the call control unit.

(2) Remove four TP121551 mounting screws and remove call control unit.

(3) Disengage keyboard cable from TP182531 cable clips on subbase.

(4) Insert screwdriver in slot in TP180977 H-plate and push to left against pressure of spring until H-plate is disengaged from universal lever. Remove H-plate.

Note: If the typing unit has been removed from its seat on the subbase, the H-plate will already have been removed.

(5) Loosen two TP180798 keyboard mounting screws. Slide keyboard assembly to rear and lift it from subbase.
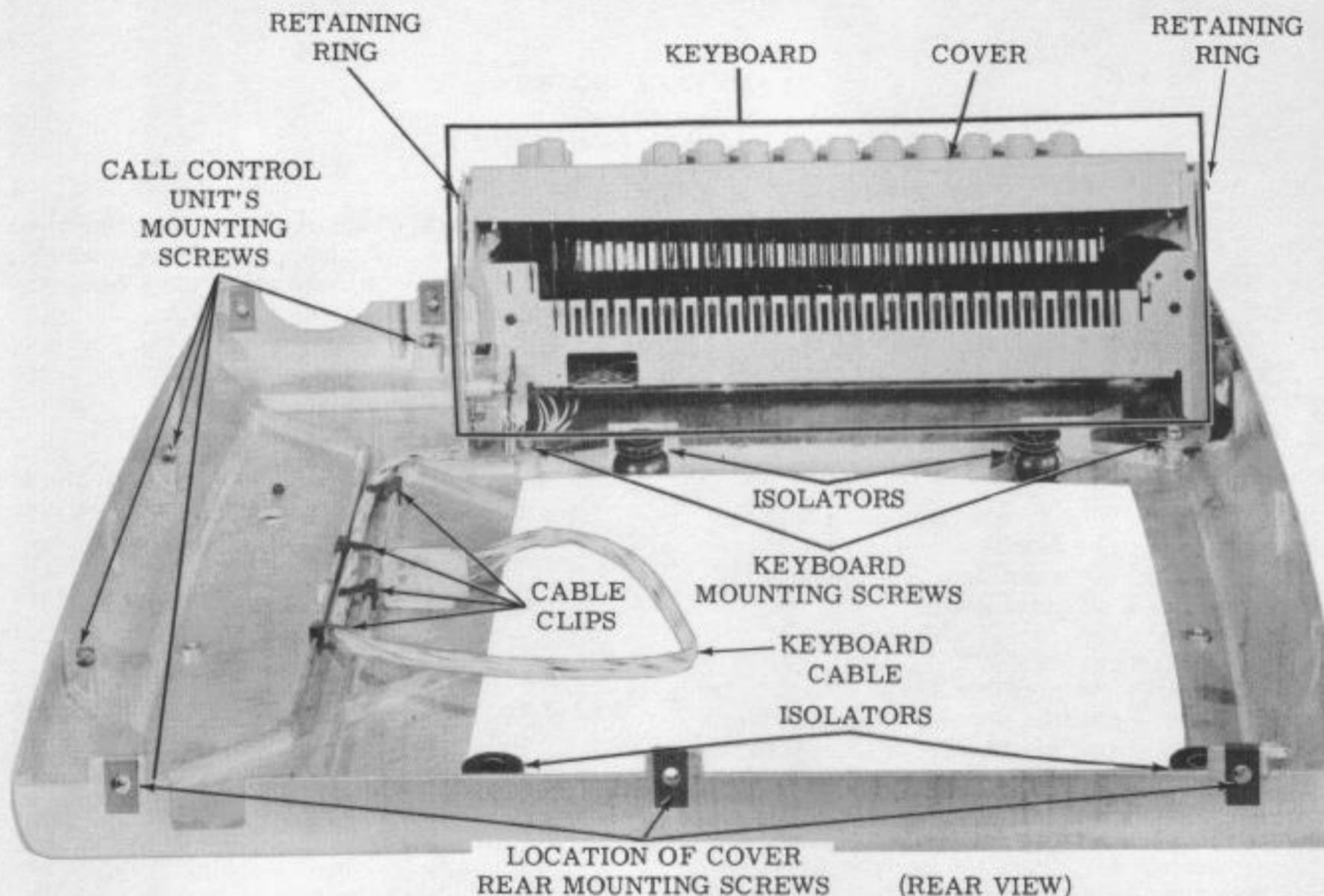
Figure 1 - Subbase With Keyboard

(6) To replace keyboard, reverse procedure used to remove it.

> CAUTION: MAKE SURE THAT PLUG IS MATED WITH SIMILARLY DESIGNATED RECEPTACLE.

2.03 To remove keyboard cover, proceed as follows:

> Note: Reference Figure 1.

(1) Remove TP119652 retaining ring from each side of keyboard cover.

(2) Disengage cover from right and left side bracket.

(3) Lift cover off keys.

(4) To replace keyboard cover, reverse procedure used to remove it.

2.04 To remove miscellaneous parts, proceed as follows:

(1) To remove any keylever depress front end of TP180086 universal lever. Depress keylever, disengage it from front or rear guide slot, and lift it out of keyboard frame.

> Note: Certain levers have compression springs on their lower stems so that the springs may be properly replaced during reassembly.

(2) To remove spacebar mechanism, remove spacebar with attached keylever. Bow TP180056 space lever and disengage it from
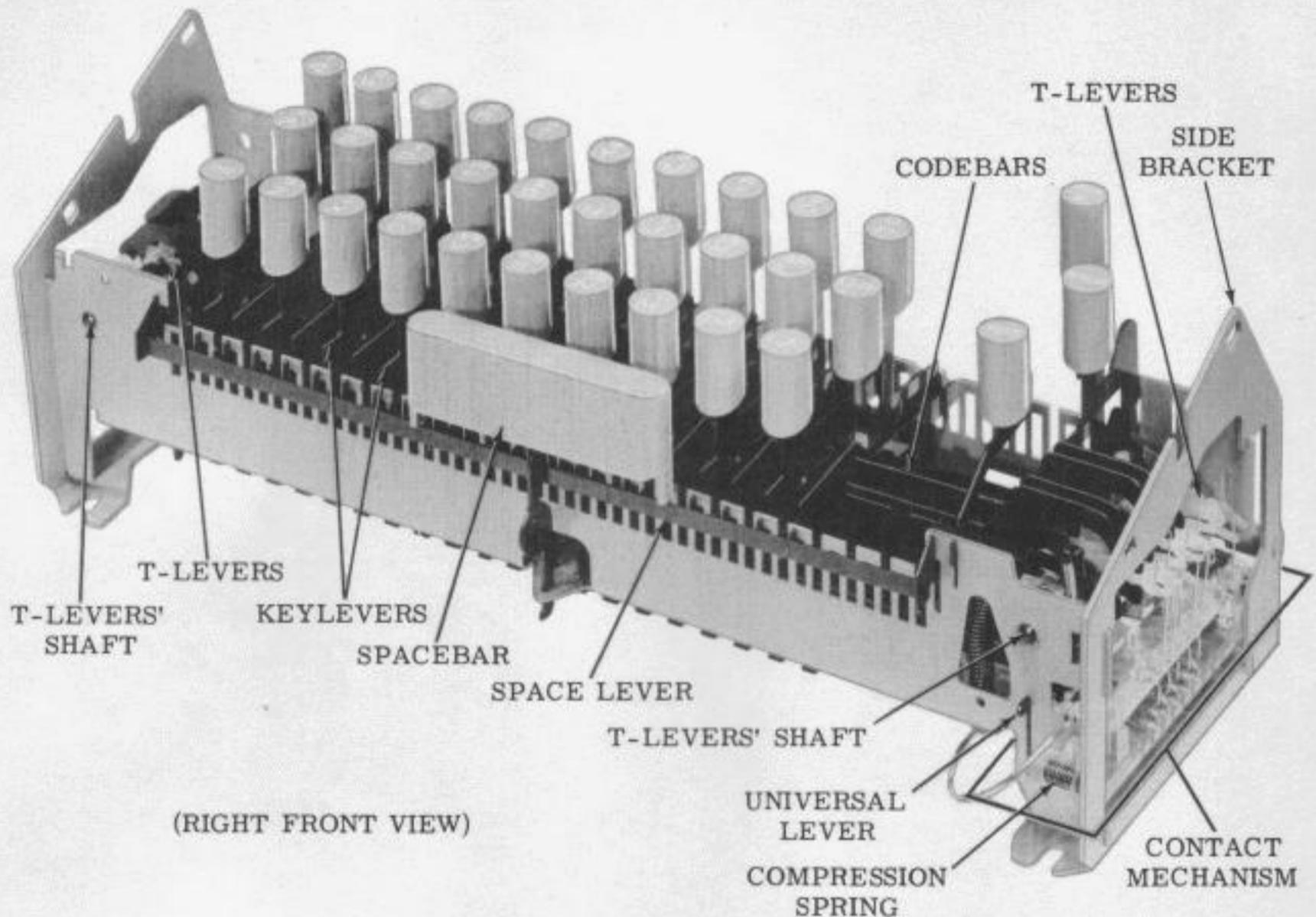
T-LEVERS

SIDE
BRACKET

CODEBARS

T-LEVERS

T-LEVERS'
SHAFT

KEYLEVERS

SPACEBAR

SPACE LEVER

T-LEVERS' SHAFT

(RIGHT FRONT VIEW)

UNIVERSAL
LEVER

COMPRESSION
SPRING

CONTACT
MECHANISM

Figure 2 - Keyboard (Cover Removed)

two TP180055 space keylevers. Disengage
space keylevers from guide slots and re-
move them from frame.

Note: Note position of compression springs
on keylever's lower stems so that they can
be properly replaced during reassembly.

(3) Codebar may be removed after all key-
levers are removed. Disengage bars
from T-levers and lift out of keyboard
frame.

(4) To remove keyboard contact mechanism,
remove right side bracket by snapping it
off frame. Remove contact mechanism.

Note: Note position of TP180031 com-
pression springs so that they may be
properly replaced during reassembly.

(5) To remove the two T-lever shafts, spread
frame and lift out. To remove T-levers,
remove TP119653 retaining rings and slide
levers off their shafts.

(6) To replace miscellaneous parts, reverse
procedure used to remove them.