32 AND 33 KEYBOARD
DISASSEMBLY AND REASSEMBLY

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1. GENERAL

1.01 This section is issued to provide disas-
semsbly and reassembly instructions for
the 32 and 33 keyboard and to present the in-
suctions 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 ar-
rangements of parts. Where it will help in de-
termining their location, the numbers of the
parts are given in the instructions.

2. DISASSEMBLY AND REASSEMBLY

CAUTION: BEFORE BEGINNING DISAS-
SEMSBLY, 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 mechani-
isms unless specifically instructed oth-
ernwise.

(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 re-
ceptacle 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 pres-
sure 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.
(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
two TP180055 space keylevers. Disengage space keylevers from guide slots and remove 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 keylevers 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 compression 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.