

SWITCHBOARD POSITION CLOCKS

KS-14156 L13, L14, L15, AND L16

POSITIONING AND SETTING

1. GENERAL

1.01 This section covers the methods of positioning and setting the KS-14156 L13, L14, L15, and L16 switchboard position clocks.

1.02 This section is reissued to update the information with regard to added L16 and to make other minor corrections. Since this is a general revision, arrows ordinarily used to indicate changes have been omitted.

1.03 The KS-14156 L13 clock is arranged for well mounting, the L14 for surface mounting, the L15 for panel mounting, and the L16 for 24-hour time reporting.

1.04 Part 3 of this section covers the procedures for aligning the numerals with the slot in the faceplate on panel-mounted clocks. On well- or surface-mounted clocks, this part also covers the procedures for positioning the clock to minimize reflections from the clock window. Part 4 covers procedures for setting the drums to the correct time.

2. APPARATUS

2.01 *List of Tools*

CODE OR
SPEC NO.

DESCRIPTION

TOOLS

417A	1/4- and 3/8-inch maximum open double-end flat wrench
KS-6320	Orange stick
R-2958	Allen socket screw wrench
—	3-inch C screwdriver

3. POSITIONING THE CLOCK

Panel-Mounted Clocks

3.01 Remove the faceplate mounting screws using the 3-inch C screwdriver and remove the faceplate.

3.02 Remove the locking screw from the back of the clock case using the R-2958 wrench and remove the clock case. Pull the clock mechanism away from the connecting block while lifting upwards on the brass mounting clip.

3.03 Loosen the locknut on the adjusting screw using the 417A wrench, and manually adjust the screw in or out as required. Then while holding the screw in place, tighten the locknut with the 417A wrench. Remount the clock on the connecting block and remount the clock case securely in position.

3.04 Hold the faceplate in position on the panel mounting, and note that the clock numerals are approximately centered in the slot in the plate. If the numerals are not properly aligned in relation to the slot, repeat 3.02 and 3.03. When proper alignment is obtained, insert the faceplate mounting screws and tighten securely.

Well- and Surface-Mounted Clocks

3.05 Remove the clock mechanism from the connecting block as described in 3.02.

3.06 Set the adjusting screw as described in 3.03 so that when the clock is mounted on the connecting block with the case in place, a satisfactory position is obtained for minimizing light reflections from the clock window.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

4. SETTING THE TIME

4.01 To set the clock to the correct time, proceed as follows. On panel-mounted clocks, remove the faceplate as covered in 3.01. On all clocks remove the clock case as described in 3.02. Set the drums to the correct time as described in 4.02 or 4.04 without removing the clock from the connecting block.

4.02 In setting older clocks which display seconds, it is not necessary to set the unit and 10-second drums. Set the other drums from right to left as follows. Set the unit minute drum slightly in advance of the correct time. With the thumb and middle finger of the right hand, hold the housing to the right of the drum being set to keep it from moving. Grasp the housing of the drum to be set with the thumb and middle finger of the left hand. Pull this housing toward the left to separate it from the housing at the right. Disengage the drum by applying a light pressure on the drum with the forefinger of either hand and sliding it to the left. Rotate the drum to the proper numeral. Release the drum housing. If the drum and housing do not slide back into position

when the housing is released, joggle the drum slightly until the drum is engaged with the drum on the right. Set the other drums in the same manner.

4.03 Operate and hold operated the battery cutoff switch mounted in the clock below and to the left of the drums. When the time agrees with that shown on the drums, release the switch. Where the switch is not easily accessible, due to the mounting of the clock, it may be necessary to use the blunt end of a pencil or a KS-6320 orange stick to operate the switch.

4.04 To set the newer clocks which display tenths of a minute, simply remove the clock case as covered in 3.02. Then with the thumbwheel located just to the right of the numerals, set the display to the exact time. There is no battery cutoff switch in this design unit.

4.05 Remount the clock case, and tighten the locking screws securely. If the clock is panel-mounted, remount the faceplate and tighten the faceplate mounting screws securely.