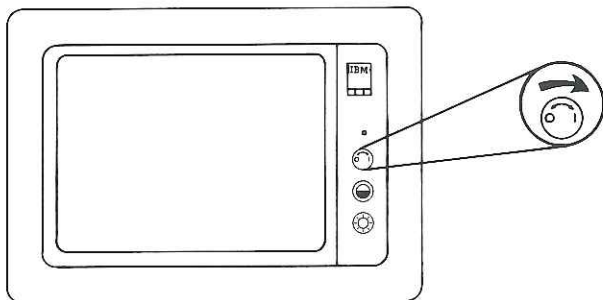


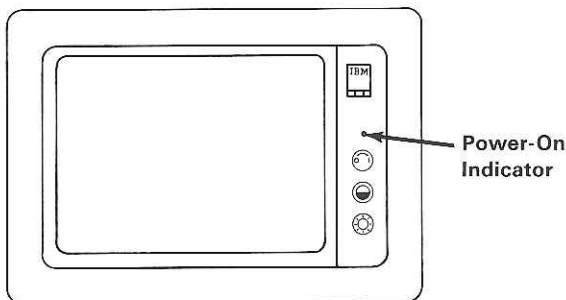
IBM Color Display Check Out Procedure

If your IBM Color Display needs to be serviced, it must be returned with the power cord.

- 1 Turn your IBM Color Display power on.



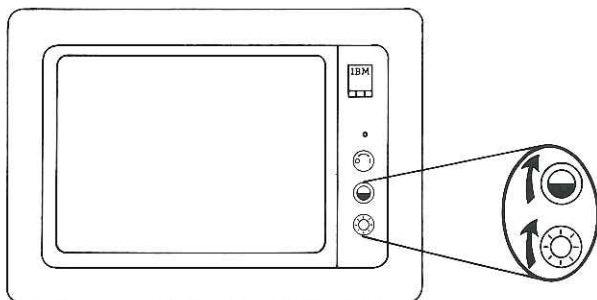
- 2 Is the Power-On indicator lit?



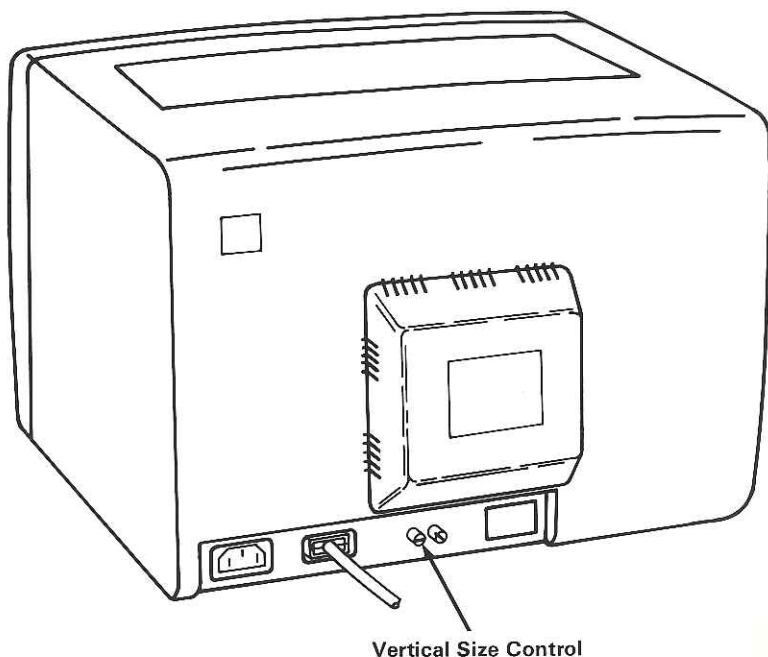
YES - Go to Step 3.

NO - See if the power cord is plugged into a working wall outlet and into the rear of the display. If it is, have your IBM Color Display serviced. See "Service Information" in this section.

- 3 Turn your IBM PCjr power off.
- 4 Turn the Brightness and Contrast controls fully clockwise.

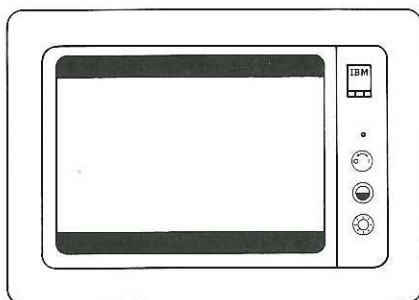


- 5 Turn the Vertical Size control knob fully counterclockwise. A black area should appear across the top and the bottom of the screen.



6

Does a black area appear across the top and the bottom of the screen?

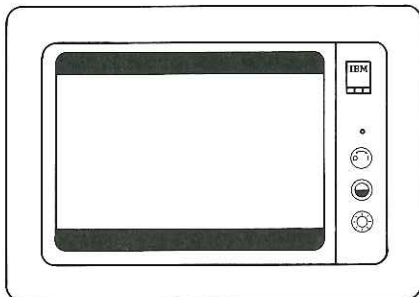


YES - Go to Step 7.

NO - Have your IBM Color Display serviced. See "Service Information" in this section.

7

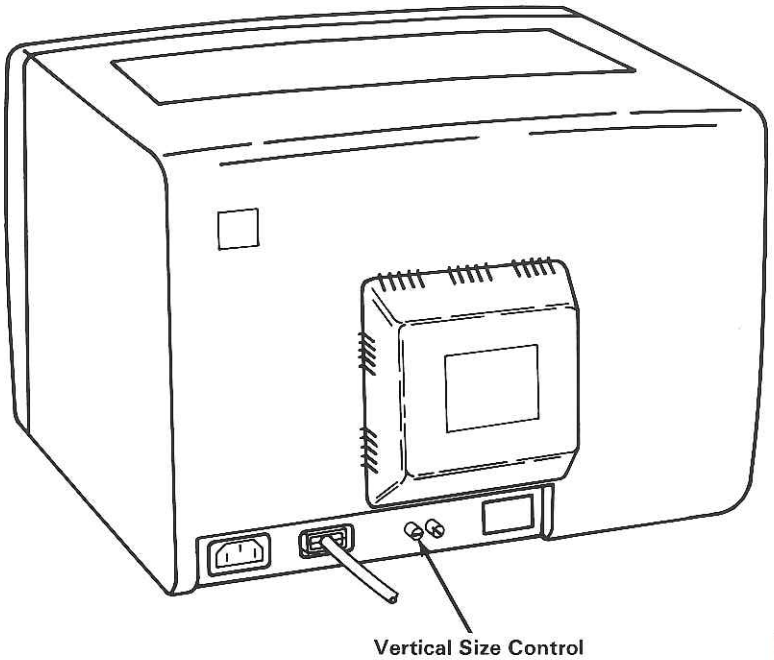
Are the black areas at the top and bottom of the screen about the same size?



YES - Go to Step 8.

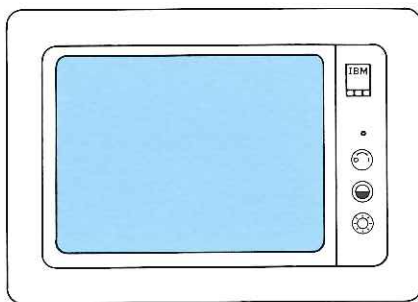
NO - Have your IBM Color Display serviced. See "Service Information" in this section.

Turn the Vertical Size control clockwise until the black areas at the top and bottom of the screen just disappear. If one of the black areas disappears before the other, continue to turn the control until the second black area is gone. Go to Step 9.



9

Is the screen light blue?



YES - Go to Step 15.

NO - Go to Step 10.

10

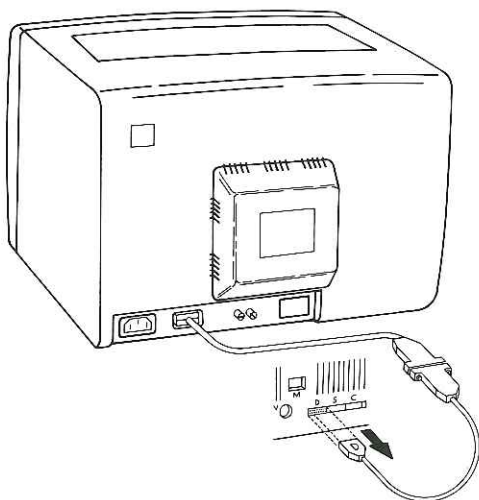
Turn your IBM Color Display power off. Go to Step 11.

11

Turn your IBM PCjr power off. Go to Step 12.

12

Disconnect the IBM Color Display's signal cable from the rear of your IBM PCjr.



13

Turn your IBM Color Display power on. Go to step 14.

14

Is the screen light blue?

YES - Have your IBM PCjr serviced. See "Service Information" in this section.

NO - Have your IBM Color Display serviced. See "Service Information" in this section.

15 While watching the screen, turn your IBM PCjr power off, wait 5 seconds then turn your IBM PCjr power on.

16 Did the screen change from light blue to black as soon as you turned your IBM PCjr power on? (This totally black condition may last only a few seconds. After it does, the IBM Color Bar screen appears again, followed by the IBM Personal Computer BASIC Message Screen).

YES - Go to Step 17.

NO - Have your IBM Color Display serviced. See "Service Information" in this section.

17 Wait for your IBM PCjr to finish testing itself. The IBM Personal Computer BASIC Message Screen will appear with a blinking cursor. Go to Step 18.

18 Did the IBM Personal Computer BASIC Message Screen appear?

YES - Go to Step 19.

NO - Have your IBM PCjr serviced. See "Service Information" in this section.

19

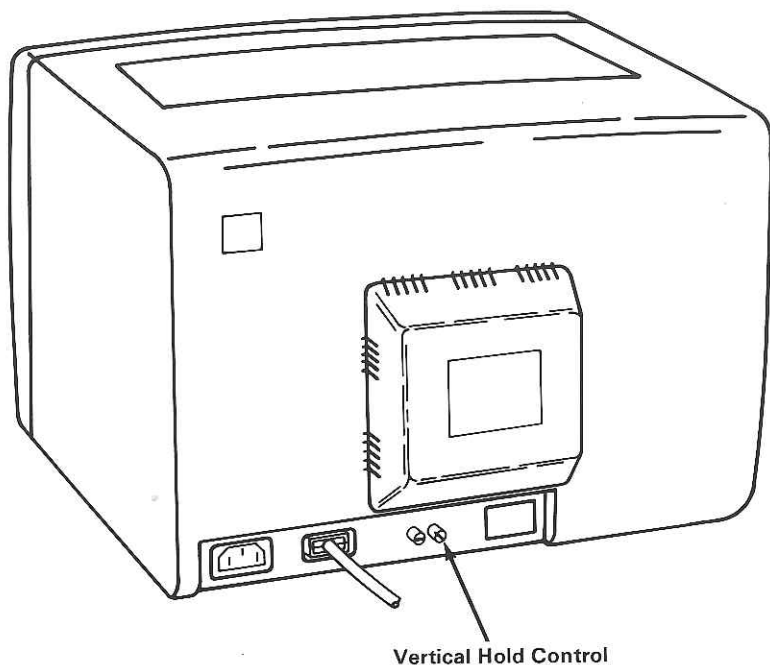
Is the screen stable?

YES - Go to Step 22.

NO - Go to Step 20.

20

Turn the Vertical Hold Control clockwise as far as it will go. Then, turn it counterclockwise until the screen stops rolling and is stable. Go to step 21.



Testing

- 21 Were you able to make the screen stable?
- YES - Go to Step 22.
- NO - Have your IBM Color Display serviced. See "Service Information" in this section.
- 22 Does the screen have white characters on a dark background?
- YES - Go to Step 28.
- NO - Go to Step 23.
- 23 Turn your IBM PCjr power off.
- 24 Turn your IBM Color Display power off.
- 25 Disconnect the IBM Color Display's signal cable from the adapter on the rear of your IBM PCjr.
- 26 Turn your IBM Color Display power on.

27

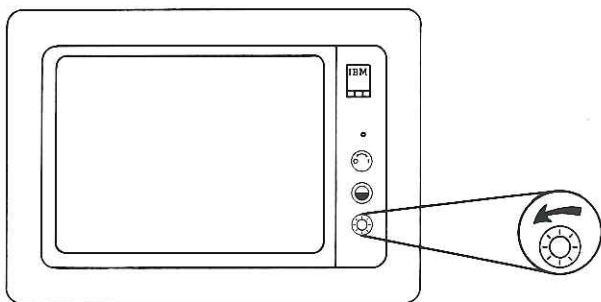
Is the screen light blue?

YES - Have your IBM PCjr serviced. See "Service Information" in this section.

NO - Have your IBM Color Display serviced. See "Service Information" in this section.

28

Turn the Brightness Control fully counterclockwise. Go to Step 29.



29

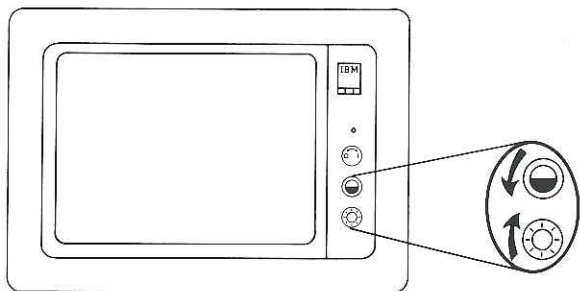
Did the characters get lighter?

YES - Go to Step 30.

NO - Have your IBM Color Display serviced. See "Service Information" in this section.

30

Turn the Brightness Control fully clockwise. Turn the Contrast Control fully counterclockwise. Go to Step 31.



31

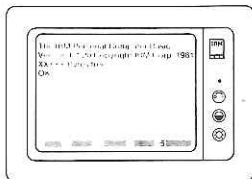
Did the brightness of the characters get lighter?

YES - Go to Step 32.

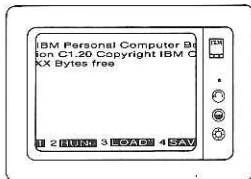
NO - Have your IBM Color Display serviced. See "Service Information" in this section.

Turn the Contrast Control fully clockwise.

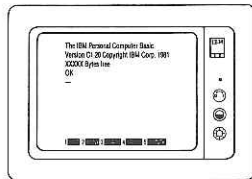
Do you have any of the problems shown in the examples below?



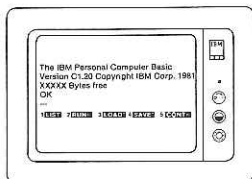
Too Dim



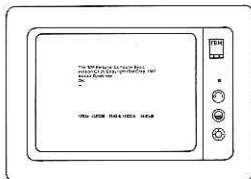
Too Wide



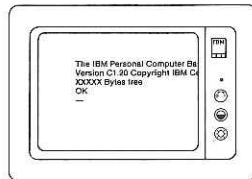
Too Narrow



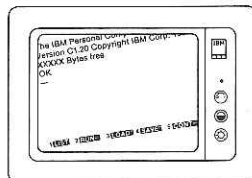
Too Short



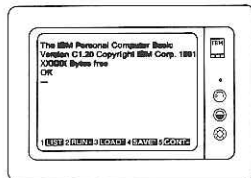
Shrunken



Characters Shifted Left or Right or Up and Down Off the Display Area



Tilted



Out of Focus

YES - Have your IBM Color Display serviced. See "Service Information" in this section.

NO - Go to Step 33.

Do you want to run another test?

YES Go to "Running the IBM PCjr Tests" in this section.

NO If you have a diskette drive installed, you may run the "Exploring the IBM PCjr" diskette at this time. If you have run the "Exploring the IBM PCjr" diskette before, you may continue normal operations.

Test Tag 5 - Light Pen Test

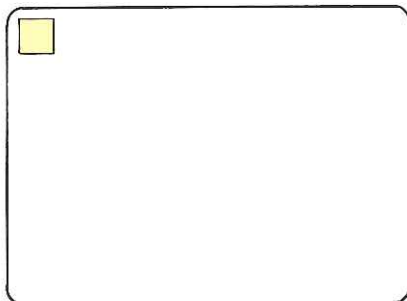
You must have a light pen to run this test.

If, while running the Light Pen Test, you wish to discontinue the test and return to the First IBM PC_{jr} Test Menu Screen, press Fn, then press Break.

Remember, because television and display colors vary, the colors in this book may not match the colors on your screen.

1

Do the shapes of the blocks and lines on your screen match the figure below?

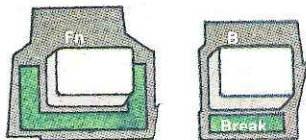


YES - You are ready to test your light pen. Press the light pen onto the surface of your screen anywhere in the large block and go to Step 2.

NO - Have your IBM PCjr serviced. See "Service Information" in this section.

Did a different shade show within a few inches where the light pen touched the screen?

YES - You may continue pressing your light pen to different places on the large block of the screen. Different areas from left to right will show up in different shades. To clear the shades from the screen and restore the block to one shade, press the light pen to the small block in the upper left hand corner. When you are finished testing your light pen and want to return to the First IBM PCjr Test Menu Screen, press Fn then press Break



The * under Test Tag "5" for light pen means you have completed the Light Pen Test. Go to Step 3.

NO - Have your IBM PCjr serviced. See "Service Information" in this section.

Do you want to run another test?

YES - Go to "Running the IBM PCjr Tests" in this section.

NO - If you have a diskette drive installed, you may run the "Exploring the IBM PCjr" diskette at this time. If you have run the "Exploring the IBM PCjr" diskette before, you may continue normal operations.