SATO Labeling Solutions America, Inc.
Horticulture Division
930 Jimmy Ann Dr. Daytona Beach, FL 32117
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TEC PRINTER PRINT HEAD USE AND CARE INSTRUCTIONS

1. Thermal print heads are sensitive and can be easily damaged if mishandled.

2. Care should be taken during the installation to avoid dropping the print head or otherwise impacting the printing element.

3. The edge of the print head is the area where printing takes place. Use care to avoid damage when using the print head cleaning pen as to only touch the element with the felt tip.

4. The print head is sensitive to contamination. Do not use label stock that has been contaminated by dirt, sand or has been dropped on the floor. If it has, strip off 1-2 feet of labels to be sure you have clean stock. The label stock carries a static charge and can pick up contaminants very easily. Keep labels in their original bag or a similar one when not being used.

5. Keep the print head clean. Use the print head cleaning pen supplied with the printer to keep the printing element clean. The element should be cleaned at least every 1,000 labels or every roll of labels. Wipe the felt-tipped edge over the underside at the front-most edge of the print head several times with pressure to clean it. For stubborn deposits you may use a clean, soft, lint-free cloth and isopropyl alcohol.

6. Due to the sensitive nature of the print head and the potential for user-inflicted damage, the print head warranty is only good for the 24 hours within receipt thereof. This is the reason we stress that, if you order more than one print head to keep in your stock, you test each one within the 24-hour period. If the print head does not perform to expectation upon installation/ testing, you must immediately inform Technical Support at (800) 858-7425.

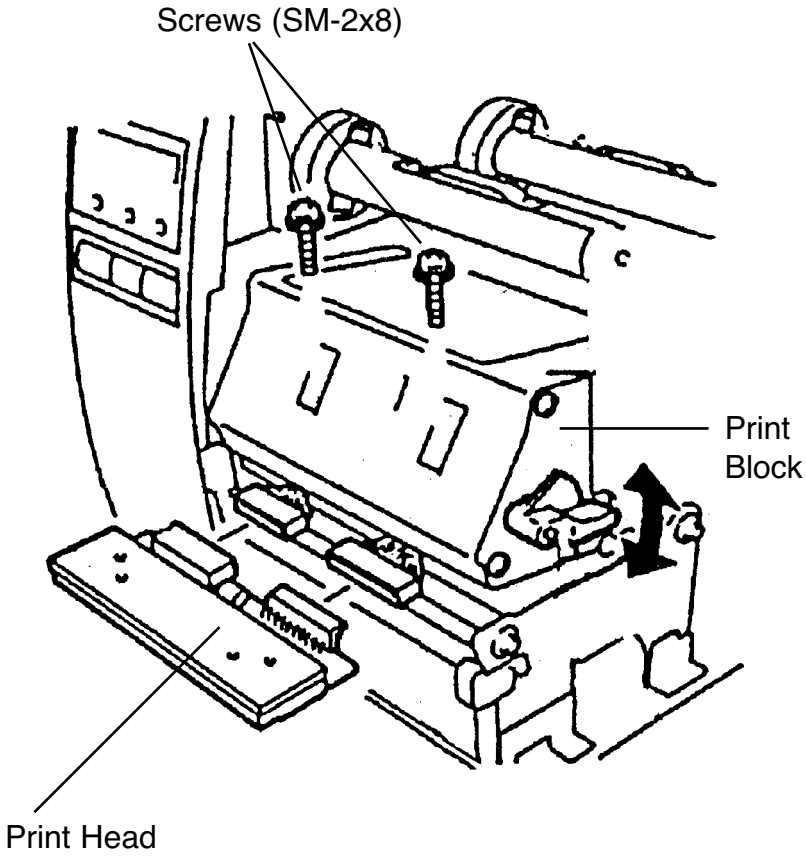
REPLACING THE BX PRINTHEAD

CAUTION:

1. NEVER touch the print head printing element.
2. NEVER touch the connector pins to avoid the breakdown of the print head by static electricity.
3. NEVER remove the five screws on the side of the print block.

NOTE: The following procedure can be performed without removing the side cover.

1. ***Remove the two screws in the front of the print head.***
2. ***Pull the print head out from the print block and remove the connections.***
3. ***Replace the new print head and make sure the connections are tight.***
4. ***Reinstall the screws into the print head.***



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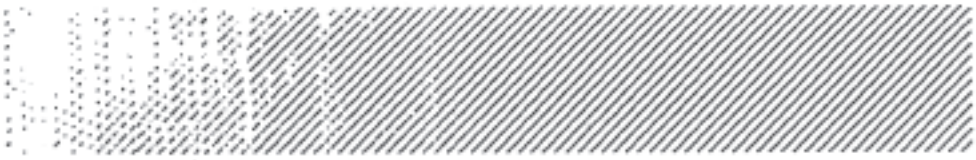
BX THERMAL PRINT HEAD ADJUSTMENT

After the print head is installed in the printer, push the print head to its rear-most position and tighten the screws snug. Use the test print to produce a 3-dot diagonal series of lines. Then adjust the head by moving it forward slightly until the sharpest dot pattern appears. This procedure is most effective when done with soft poly labels in the printer. If soft poly is not available, you can use pot tags or pressure sensitive labels. This procedure MUST be done IMMEDIATELY with tags or labels in the printer to avoid voiding your warranty on the print head.

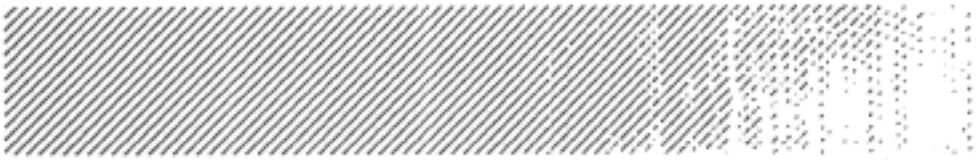
TEST PRINT

1. Make sure you have label stock in the printer and the print head is down.
2. Turn the Power ON while holding down the PAUSE and FEED keys on the printer.
3. Press the FEED key two times (<3> TEST PRINT appears).
4. Press the PAUSE key (PRINT CONDITION appears).
5. Press the PAUSE key (ISSUE COUNT appears).
6. Press the RESTART key twice (ISSUE COUNT 5 appears).
7. Press the PAUSE key repeatedly (LABEL LENGTH 76mm appears).
8. Use the FEED key to input a smaller size. Use the RESTART key to input a larger size.
Set the label size accordingly: 1 inch = 25 mm, 3/4 inch = 19mm, 9/16 inch = 14mm, 1/2 inch = 12mm. Use these measurements to figure out different sizes.
9. After you have set the label size press PAUSE repeatedly (<3> TEST PRINT appears).
10. Press the PAUSE key (PRINT CONDITION appears).
11. Press the FEED button twice (SLANT LINE 3 DOT appears).
12. Press the PAUSE key. Five labels should print out.

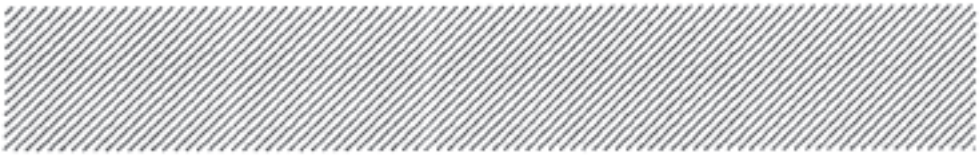
REMEMBER to loosen the screw on the side you are moving and to retighten it before printing.



The left side of the print heads needs to be moved slightly forward.



The right side of the print heads needs to be moved slightly forward.



The print head is perfectly aligned.