TEC

TEC Thermal Printer

# B-SX4T SERIES

## Maintenance Manual

Document No. **EO18-33012**

Original **Jan., 2003**

(Revised )

PRINTED IN JAPAN

TOSHIBA TEC CORPORATION

| ***WARNING!*** |
| --- |
| *Follow all manual instructions. Failure to do so could create safety hazards such as fire or electrocution.* |

***NOTES:***

1. *Manual instructions must be followed when installing option kits or adding cables to avoid system failures and to insure proper performance and operation.*
2. *Failure to follow manual instructions or any unauthorized modification, substitution or change to this product will void the limited product warranty.*

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***CAUTION!***

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2. *The contents of this manual may be changed without notification.*
3. *Please refer to your local Authorised Service representative with regard to any queries you may have in this manual.*

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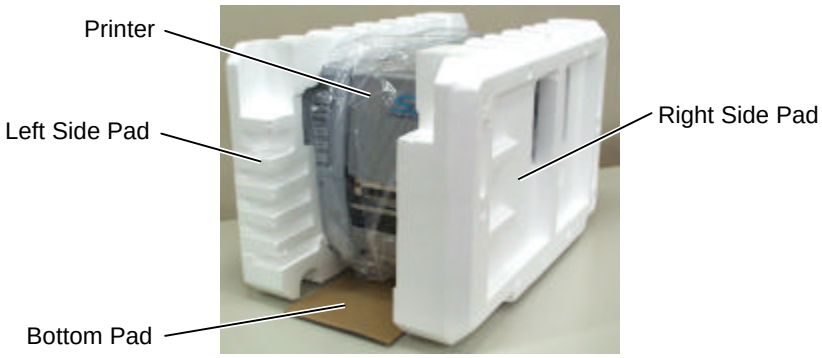
570 Ohito, Ohito-cho, Tagata-gun, Shizuoka-ken, JAPAN

# 1. UNPACKING

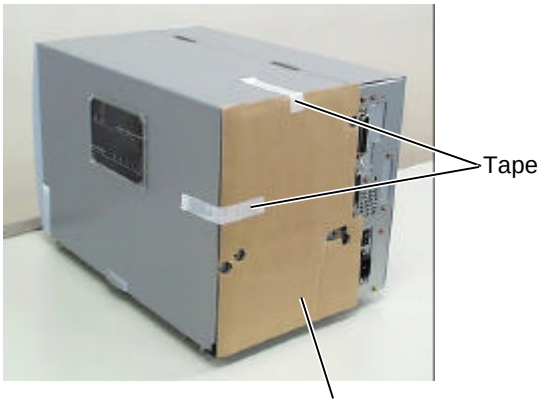
## 1.1 PROCEDURE

1) Open the carton.
2) Unpack the accessories and the front pad from the carton.

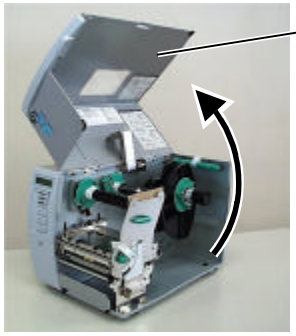
3) Unpack the pads and the printer from the carton.

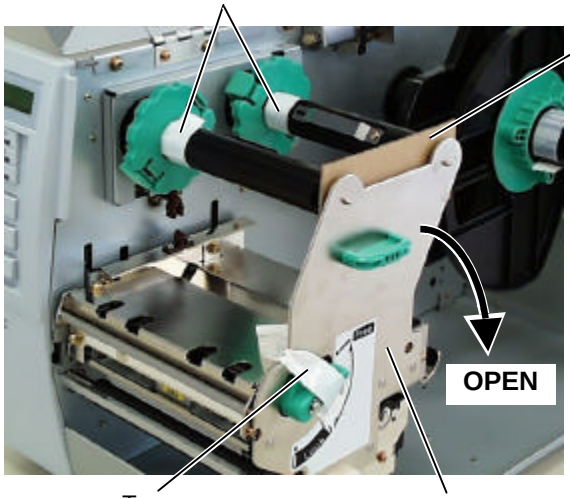


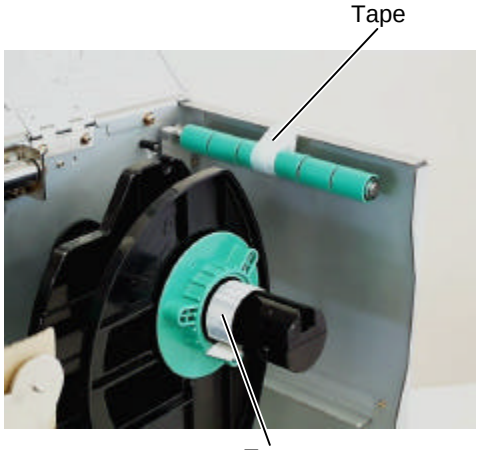

4) Remove the four pieces of tape and the rear pad from the printer.



5) Open the top cover and remove the five pieces of tape. And then, open the ribbon shaft holder plate to remove the ribbon shaft pad from the printer.

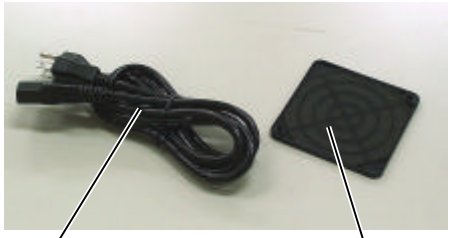


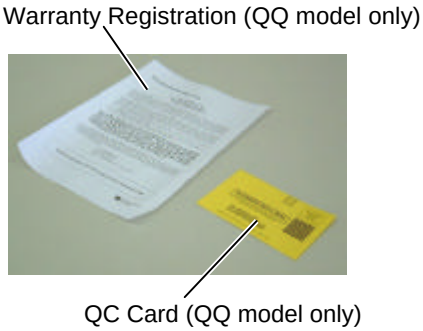




## 1.2 CHECKS

1) Check for damage or scratches on the printer.
2) Confirm that none of the accessories are missing. The parts below are provided as accessories.

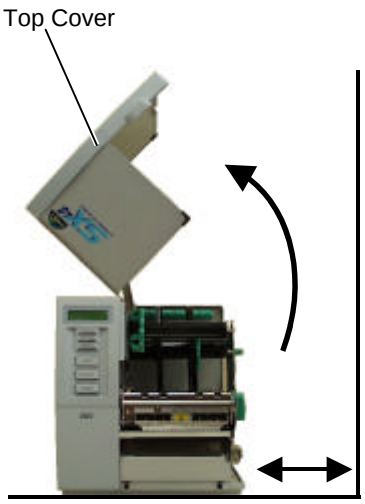



***NOTE:*** *Keep the carton and pads for later transport.*

# 2. SETTING

1) Place the printer on the level surface.
2) Keep the slit free or the printer will be overheated. Also keep enough space for replacing and maintenance works while the top cover is opened.



# 3. NOTE FOR OPTIONAL EQUIPMENT INSTALLATION /MAJOR UNIT REPLACEMENT/MAINTENANCE

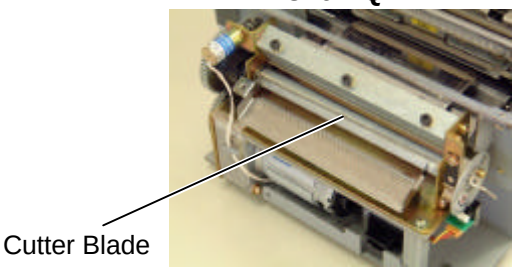
***WARNING!***

1. *Turn the power off and disconnect the power cord before replacing the main parts.*

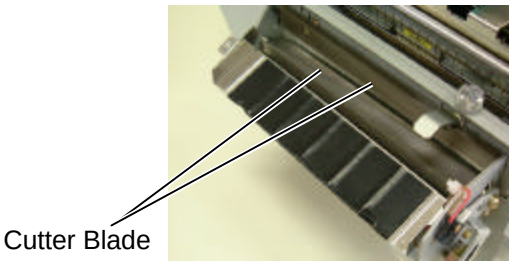
2. *Never perform disassembling, assembling, and cleaning just after printing. Doing so may cause you to be injured by the print head and the inner parts of the printer being hot.*

3. *When cleaning the cutter, be careful not to be injured by the cutter blade.*

***B-8204-QM***



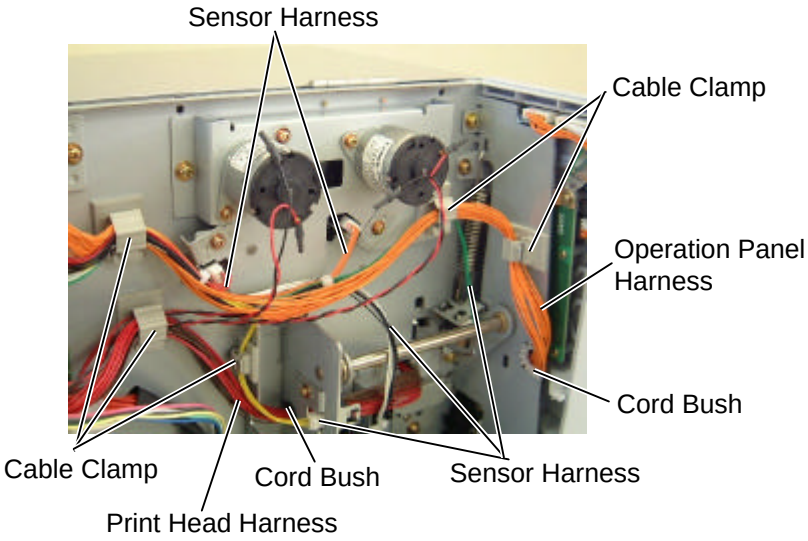

***B-4205-QM***

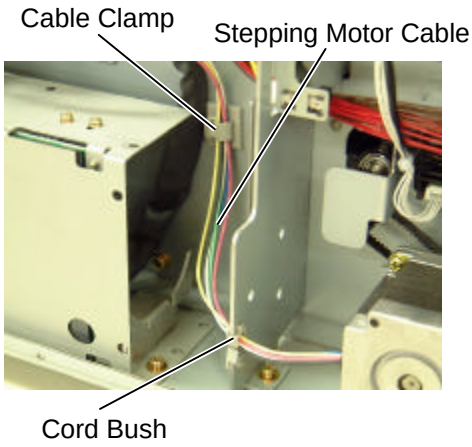



4. *Be careful not to pinch your fingers or hands with the covers.*

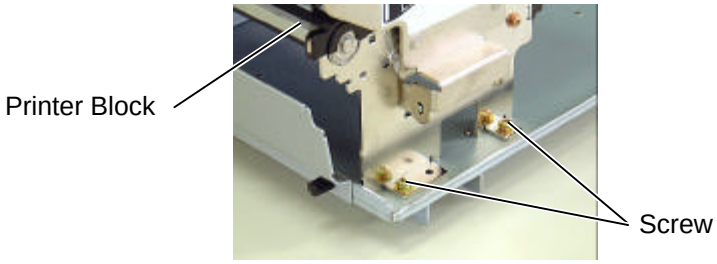
***CAUTION!***

1. *Fix the harnesses and the cord bushes with the cable clamp. Failure to do this may cause the covers to catch them.*

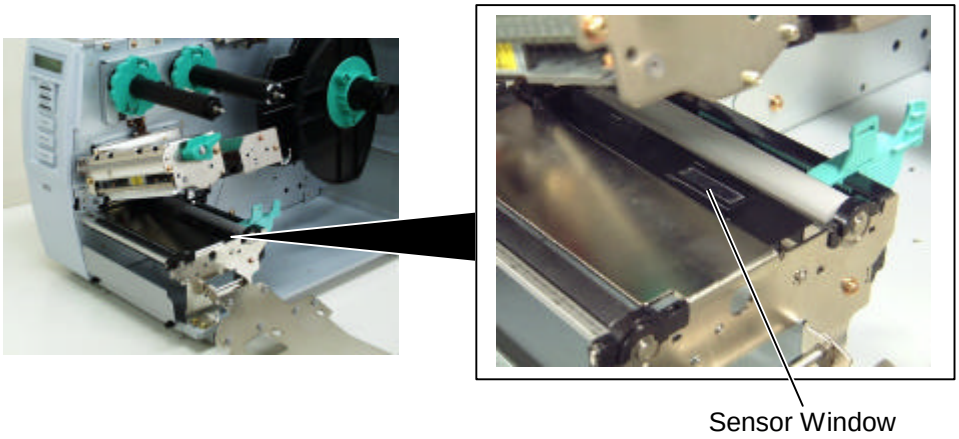


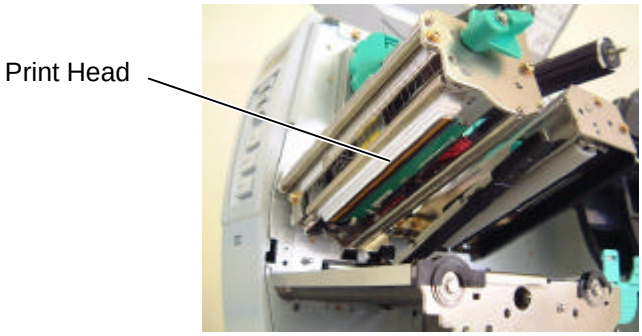
2. *Do not remove the screws below. Doing so will require the printer block position adjustment with the jig.*




3. *Be careful not to damage the sensor window. If so, the sensor cannot detect the feed gap or the black mark correctly, causing improper printing.*

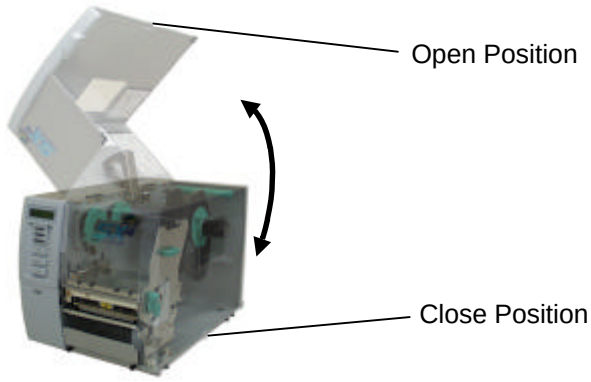



4. *Be careful not to damage the print head element. Doing so will cause improper printing.*



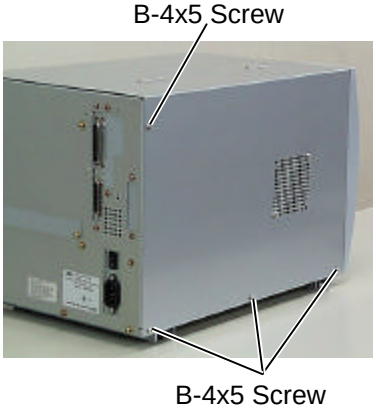
## 3.1 OPENING/CLOSING THE TOP COVER

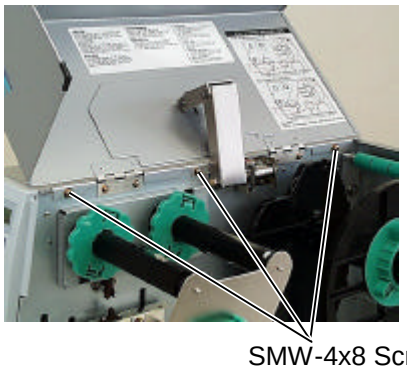
When opening the top cover, fully open the top cover to the open position.
When closing, softly close it to the close position.



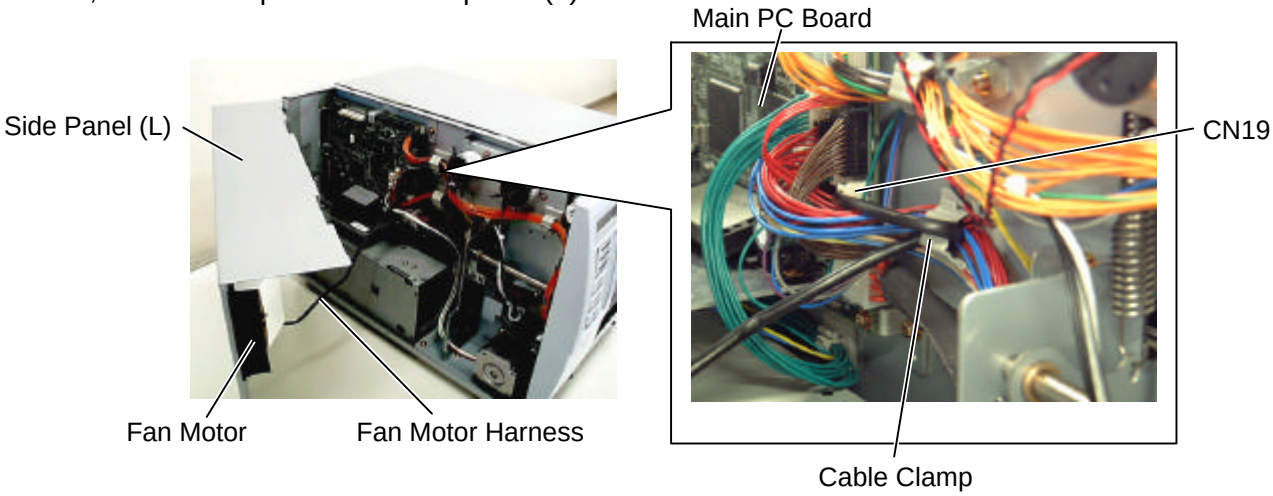

## 3.2 REMOVING THE SIDE PANEL (L)

1) Remove the four B-4x5 screws from the side panel (L).
2) Open the top cover and remove the three SMW-4x8 screws that secure the side panel (L).



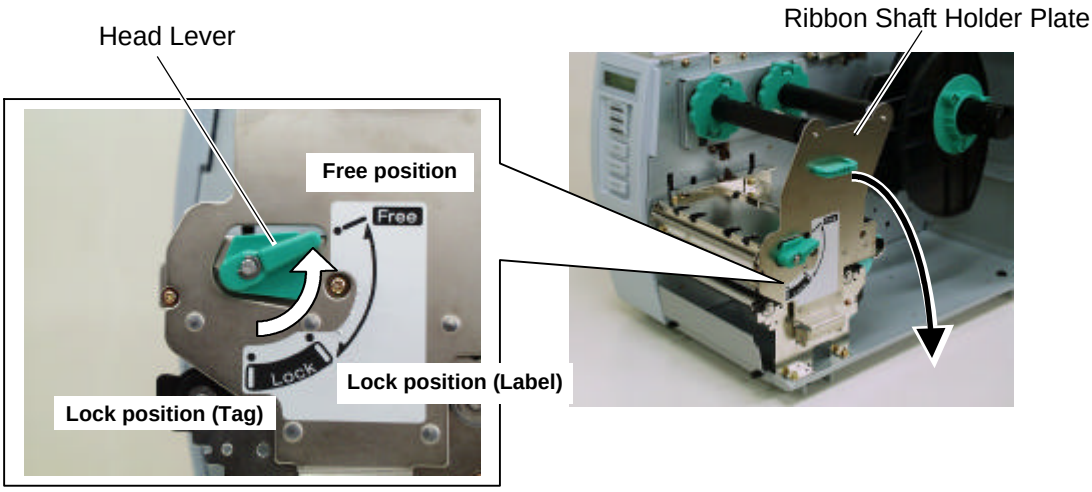




3) Close the top cover.
4) Lift the side panel (L) and put it aside.
5) Release the fan motor harness from the cable clamp, disconnect it from CN19 on the Main PC board, and then separate the side panel (L).

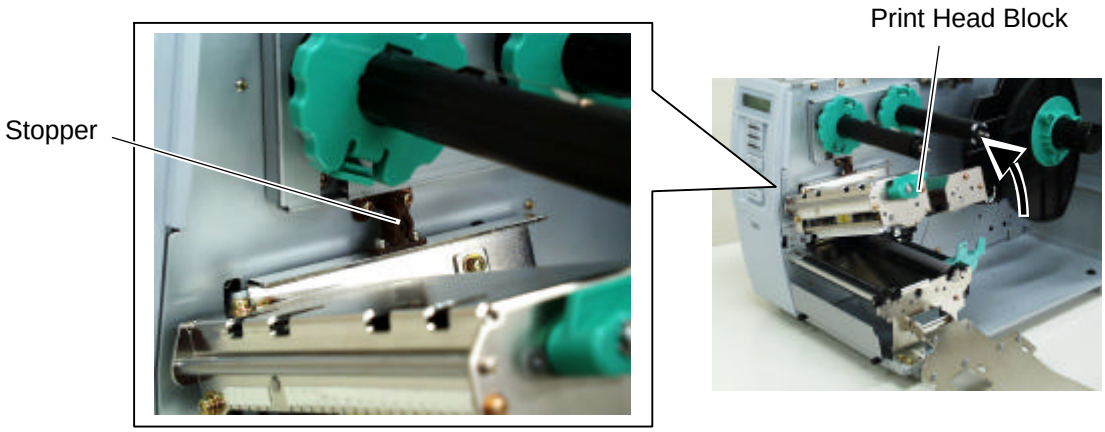


## 3.3 OPENING/CLOSING THE PRINTER BLOCK

1) Open the top cover.
2) Turn the head lever counterclockwise to **Free** position.
3) Open the ribbon shaft holder plate.



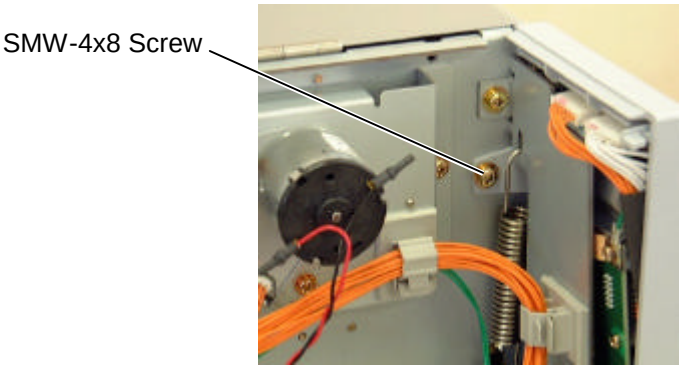

4) Raise the print head block until it stops.



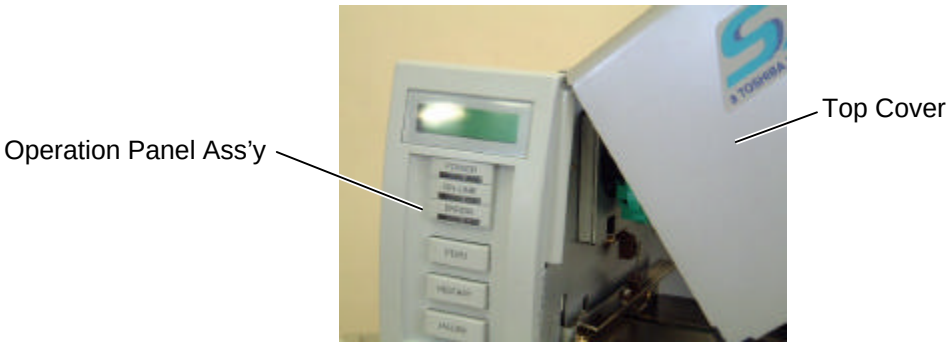

***NOTE:*** *DO NOT excessively push down the print head block to close it. Dosing so may cause a failure of the print head block or damage to the print head.*

## 3.4 REMOVING THE OPERATION PANEL

1) Open the top cover. (Refer to section 3.1.)
2) Remove the side panel (L) from the printer. (Refer to section 3.2.)
3) Remove the SMW-4x8 screw that secures the operation panel ass'y.

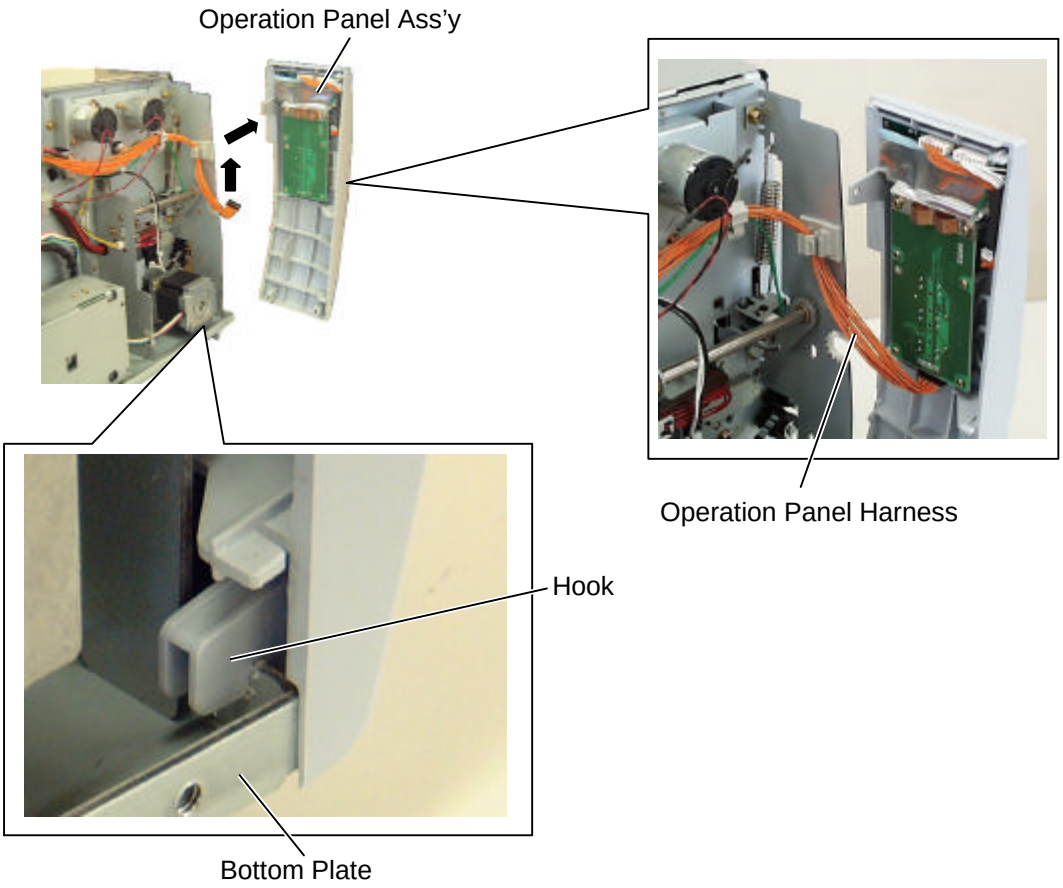


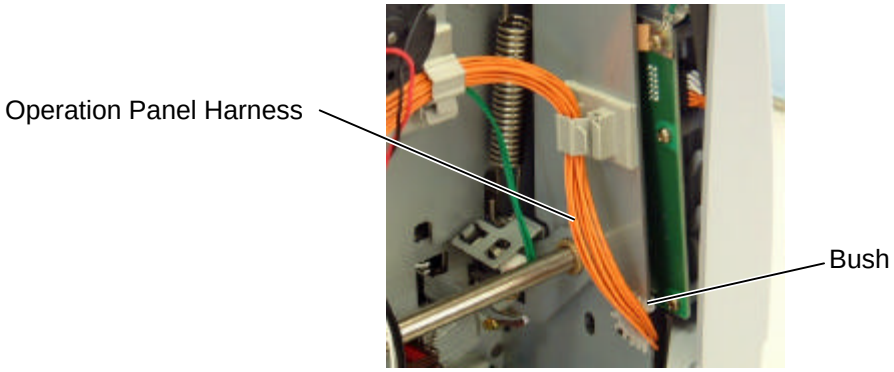

4) Half open the top cover, otherwise the operation panel ass'y cannot be removed from the printer.




5) Lift the operation panel ass'y to release the hook, and then remove the operation panel ass'y by moving it forward.

6) Disconnect the operation panel harness from the operation panel ass'y.




7) Reassemble in the reverse order of removal. Lead the operation panel harness through the bush so that the side panel (L) does not catch it.