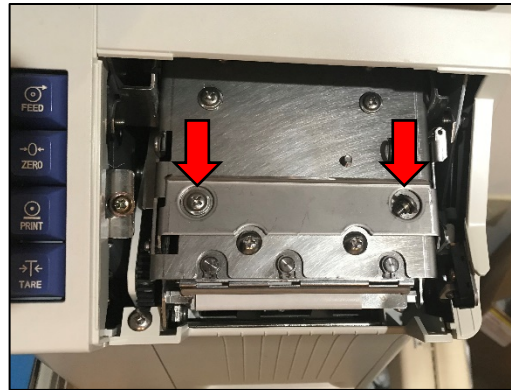# Ishida IP-EMZ Pre-Pack Scale & IL-EMZ Pre-Pack Printer
Thermal Print Head Replacement

1. Power the machine off but leave the power cord connected for grounding purposes.
2. Pull the label cassette forward approximately one inch.
3. Loosen the two screws that secure the top plastic cover two full turns but <u>do not remove</u>. There are collar spacers on the screws that are easily lost.
4. Push the cover back and off.

5. Pull the label cassette fully forward.
6. Remove two screws securing the sensor bracket and lower the bracket.
   CAUTION: Carefully remove the screws and small collar spacers.

7. Push up on the thermal print head until the three posts are high enough to clear the mounting plate and gently pull the print head assembly forward.
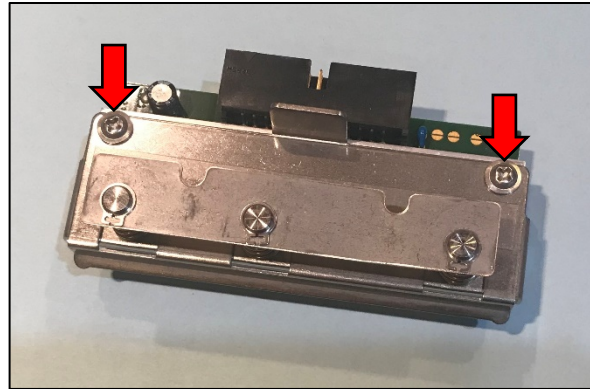
8. Push the thermal print head cable to the back and disconnect the print head assembly.
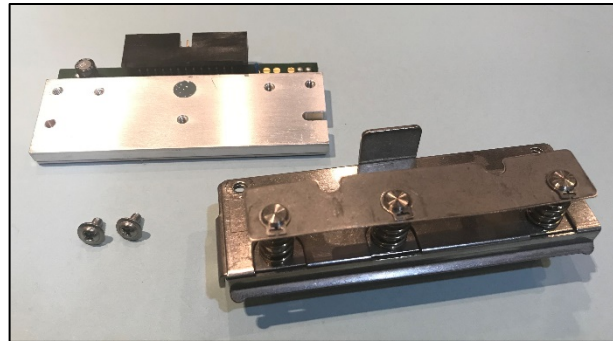
9. Remove the two mounting screws and separate the thermal print head from the brackets.

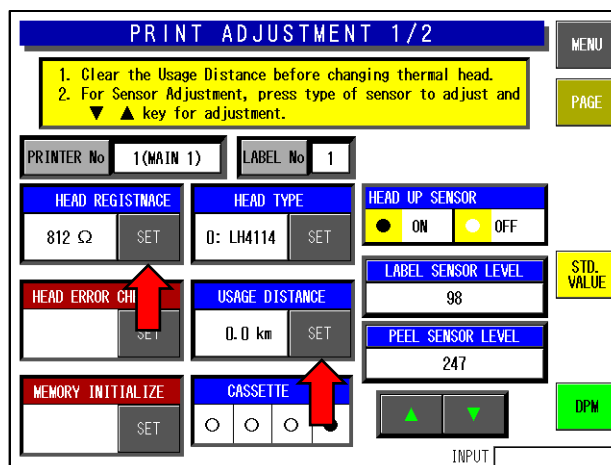10. Attached the new thermal print head to the brackets.

11. Reconnect the thermal print head cable.
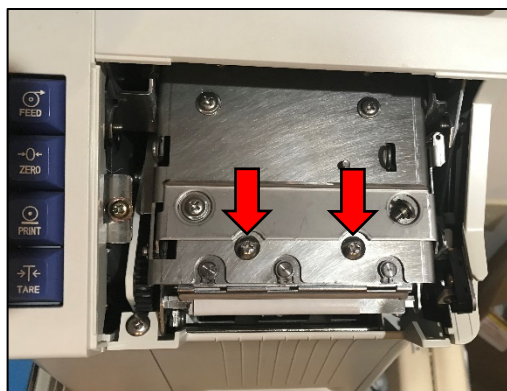12. Pull down on the spring plate and remount the thermal print head assembly.

13. Remount the sensor bracket including the collar spacers.
14. Close the label cassette until approximately a one inch gap remains.
15. Install the top plastic cover.
16. Tighten the cover screws. The collars spacers allow the cover to move.
17. Power on the machine.

18. Enter the Test Mode: MENU, 495344, TEST MODE.
19. Select PRINTER ADJUSTMENT.
20. Press HEAD RESISTANCE SET to automatically set the new thermal head resistance.
21. Enter "0" and press USAGE DISTANCE SET to reset the usage for the new thermal print head.
22. Press PRINT to print a test pattern label.

23. If the darkness is not uniform adjust the thermal print head alignment.
24. Pull the label cassette forward and remove the top plastic cover.
25. Loosen the two thermal print head mounting screws.
26. Move the thermal print head as needed right-left and/or forward-back to align with the print roller.
27. Install the top plastic cover and close the label cassette.
28. Press PRINT to print a test pattern label.
29. Repeat steps 24-28 as needed.
30. Exit the menu: MENU, MENU, OPERATION.