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PERIODIC MAINTENANCE

for the

Kodak XLS 8600/8600 PS PRINTERS

Service Code: 2935, 2936

Kodak XLS 8657 DIGITAL PRINTER

Service Code: 0741

Kodak XLS 8400 PS PRINTER

Service Code: 0760

Kodak Digital Science™ 8650/8650 PS COLOR PRINTERS/32/48 MB

Service Codes: 2930, 2931, 2932, 2947

Kodak Digital Science™ MEDICAL COLOR IMAGER 2000

Service Code: 3441

Kodak Professional 8650R THERMAL PRINTER

Service Code: 3829

Kodak XLS 8660 PRINTER OEM

Kodak XLS 8680 PRINTER OEM

Important
Use qualified personnel to service this equipment.

Kodak Service & Support

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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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Section 1: Introduction/Cleaning Materials

Important

For the PRINTER to operate correctly, you must do the periodic maintenance procedure.

For references on image quality, see the procedure for Image Quality in the DIAGNOSTICS, Publication No. DG2935-1.

Do this procedure when the PRINTER has:

- continual contamination problems
- scratches or artifacts on the prints

The materials necessary to do the maintenance procedures include:

- ALCOHOL PAD 2E5054
- DEIONIZED WATER PAD 5B5738
- ADJUSTMENTS AND REPLACEMENTS, Publication No. AR2935-5
- DIAGNOSTICS, Publication No. DG2935-1

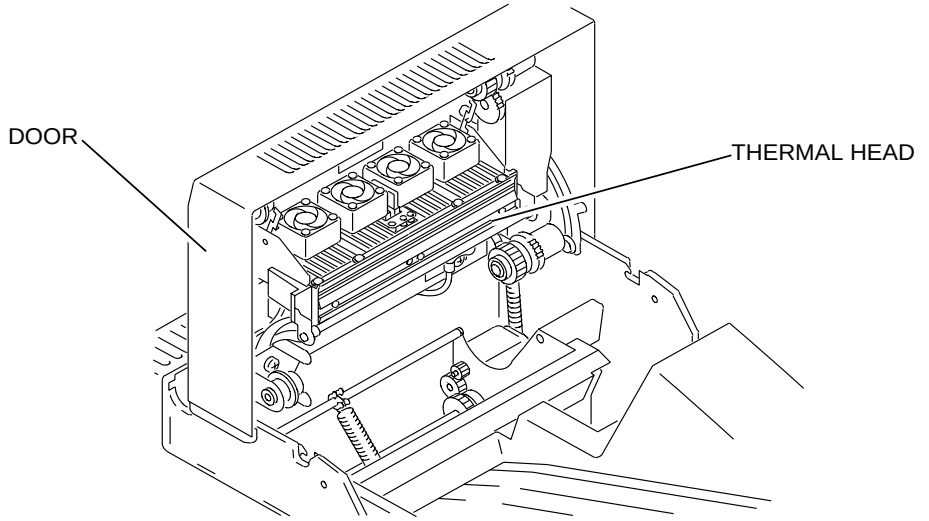
Section 2: Maintenance Procedures

Cleaning the THERMAL HEAD

Warning

Dangerous Voltage

[1] De-energize and disconnect the PRINTER.



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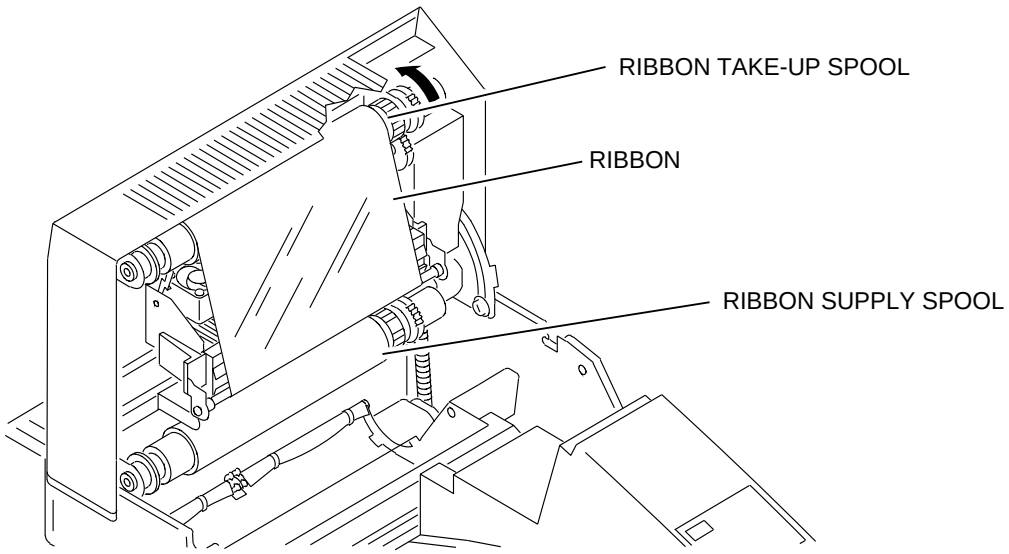
[2] Open and lift the DOOR.

[3] Locate the THERMAL HEAD.

[4] Clean the THERMAL HEAD. Use:

- DEIONIZED WATER PAD 5B5738
- ALCOHOL PAD 2E5054



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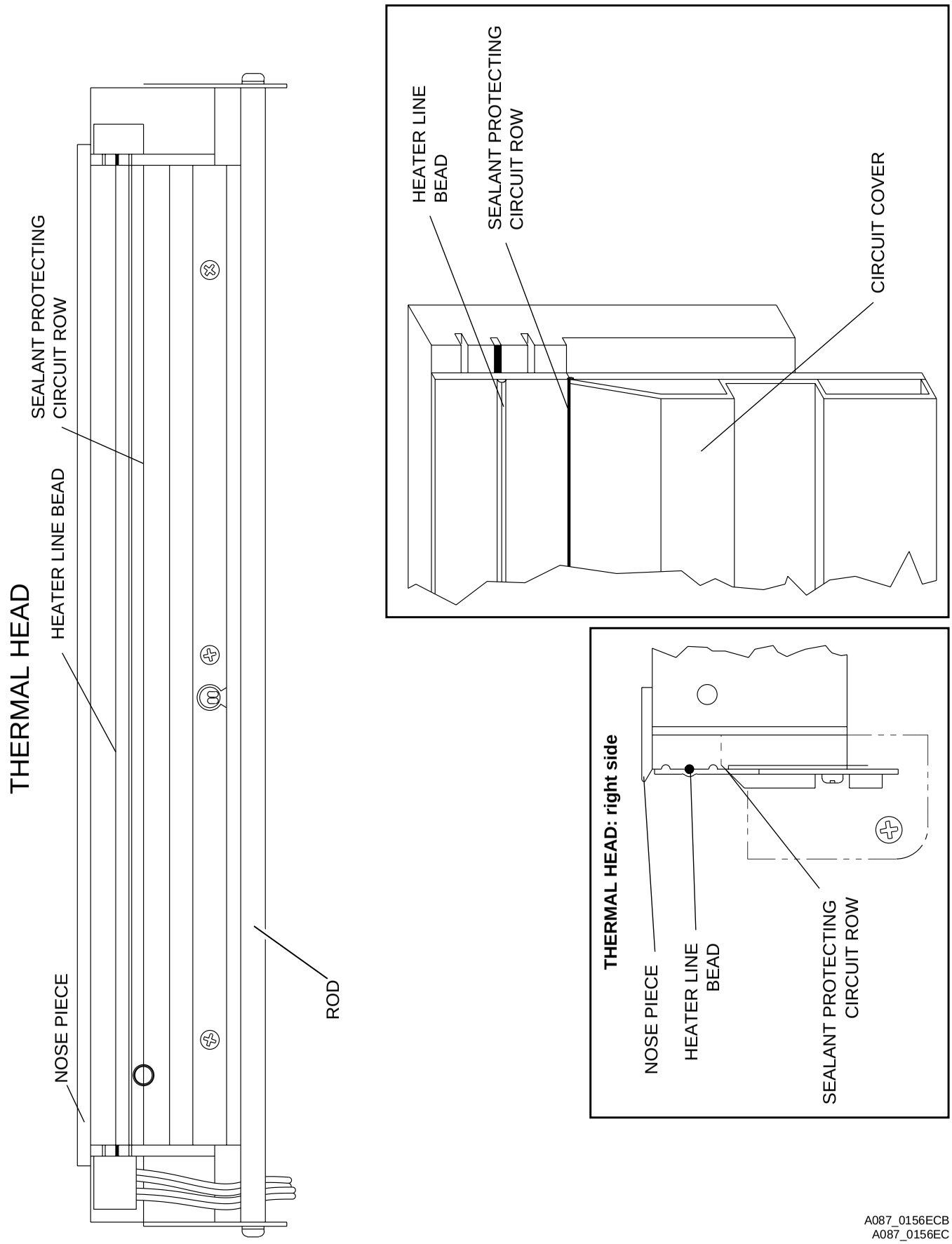
Caution

Prevent contamination. Do not touch the RIBBON.

[5] Remove the RIBBON.

[6] Place the DONOR TAKE-UP SPOOL and the DONOR SUPPLY SPOOL with the ends in the up position on a surface that is not contaminated.



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Caution

Prevent damage:

- do not touch the SEALANT PROTECTING CIRCUIT ROW below the HEATER LINE BEAD
- do not press on the CIRCUIT COVER

[7] Check for contamination on the HEATER LINE BEAD.

[8] To clean the HEATER LINE BEAD:

(a) Use the DEIONIZED WATER PAD a minimum of 4 times in 1 direction the length of the BEAD.

(b) Wait 2 minutes for the BEAD to dry.

(c) Use the ALCOHOL PAD a minimum of 4 times in 1 direction the length of the BEAD.

(d) Wait 2 minutes for the BEAD to dry.

[9] Using the DEIONIZED WATER PAD and the ALCOHOL PAD, clean:

- NOSE PIECE
- ROD

[10] Install the RIBBON.

[11] Close the DOOR.

Warning

Dangerous Voltage

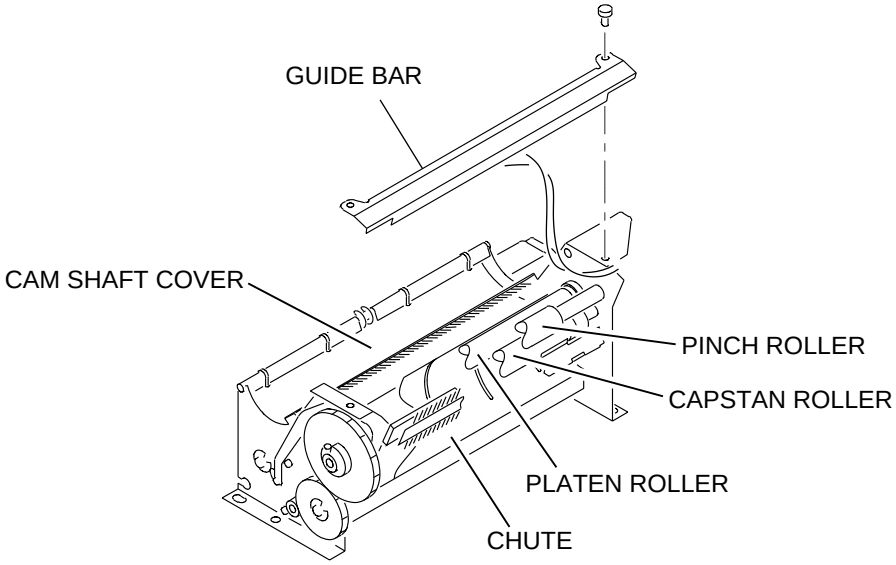
[12] Connect and energize the PRINTER.

[13] Make a test print to check that the artifacts are removed.

[14] If the artifacts are not removed:

- check the HEATER LINE BEAD with light and magnification.
- do Step 8 again.

Cleaning the CHUTE and ROLLER AY



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Warning
Dangerous Voltage

[1] De-energize the PRINTER.

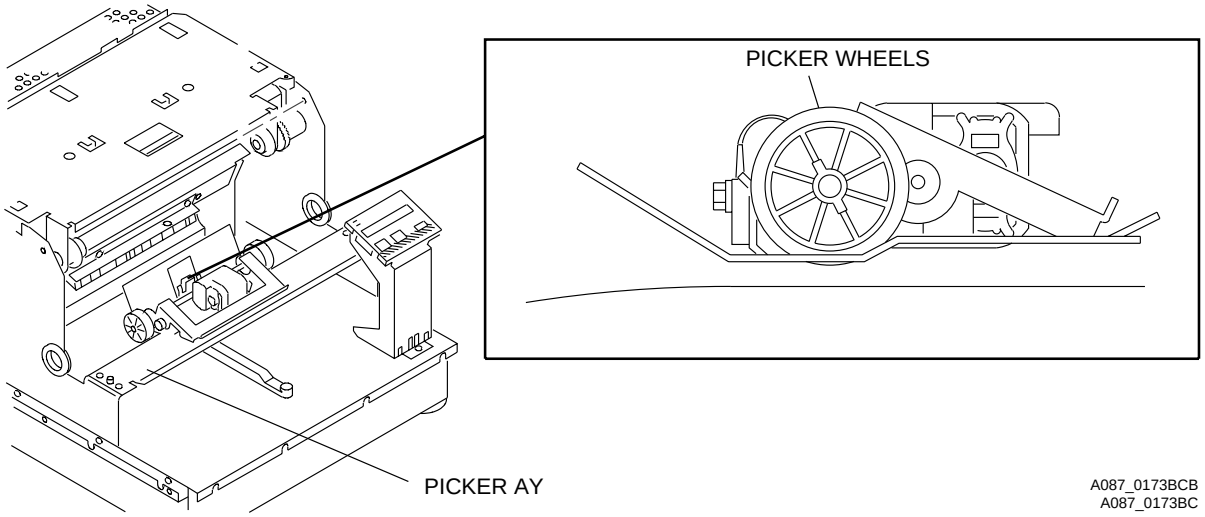
[2] Remove the ENCASEMENT. See the ADJUSTMENTS AND REPLACEMENTS, Publication No. AR2935-5.

[3] Using the DEIONIZED WATER PAD and the ALCOHOL PAD, clean:

- GUIDE BAR
- CHUTE
- PINCH ROLLER
- CAPSTAN ROLLER
- PLATEN ROLLER
- CAM SHAFT COVER

[4] Install the ENCASEMENT. See the ADJUSTMENTS AND REPLACEMENTS, Publication No. AR2935-5.

Cleaning the PICKER AY



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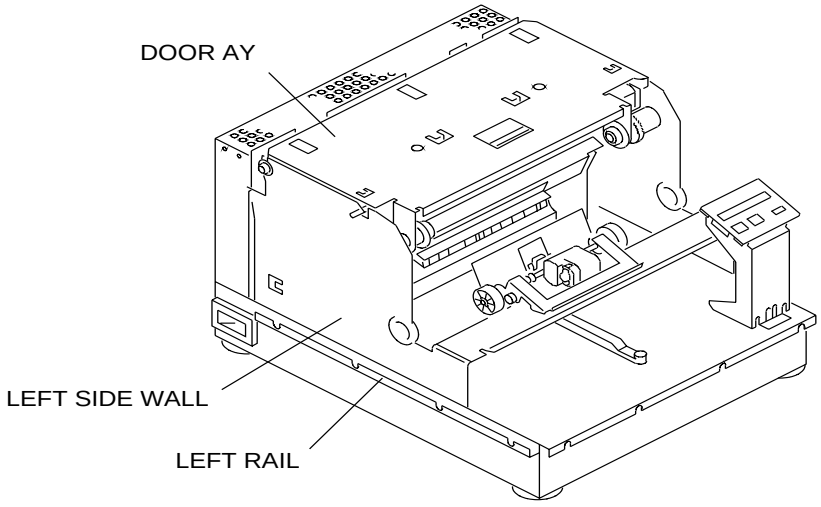
Warning
Dangerous Voltage

[1] De-energize the PRINTER.

[2] Clean:

- all metal parts of the PICKER AY - use the ALCOHOL PAD
- PICKER WHEELS - use the DEIONIZED WATER PAD

Cleaning the SIDE WALLS/RAILS



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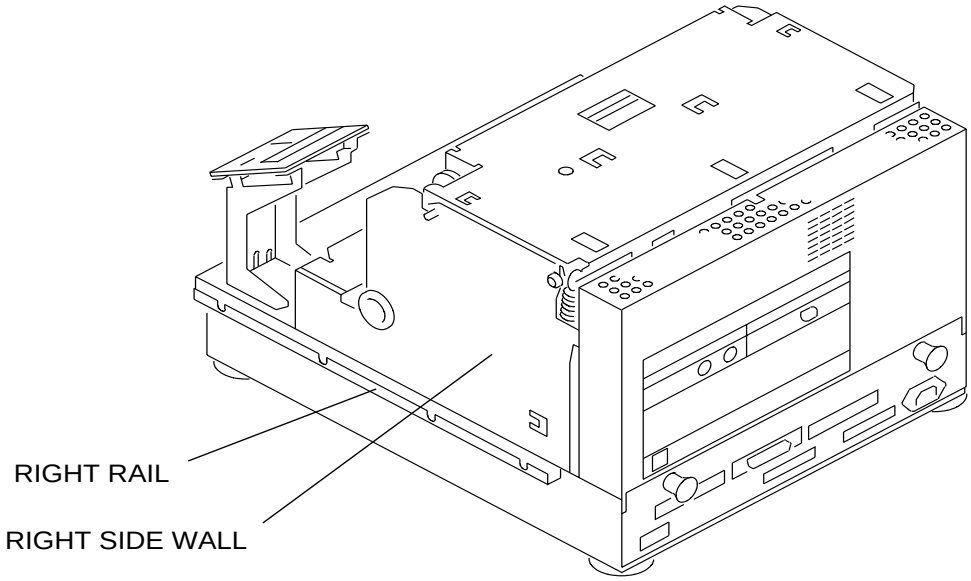
Warning
Dangerous Voltage

[1] De-energize the PRINTER.

[2] Remove the ROLLER AY. See the ADJUSTMENTS AND REPLACEMENTS, Publication No. AR2935-5.

[3] Clean the following parts. Use the ALCOHOL PAD.

- DOOR AY
- LEFT SIDE WALL
- LEFT RAIL



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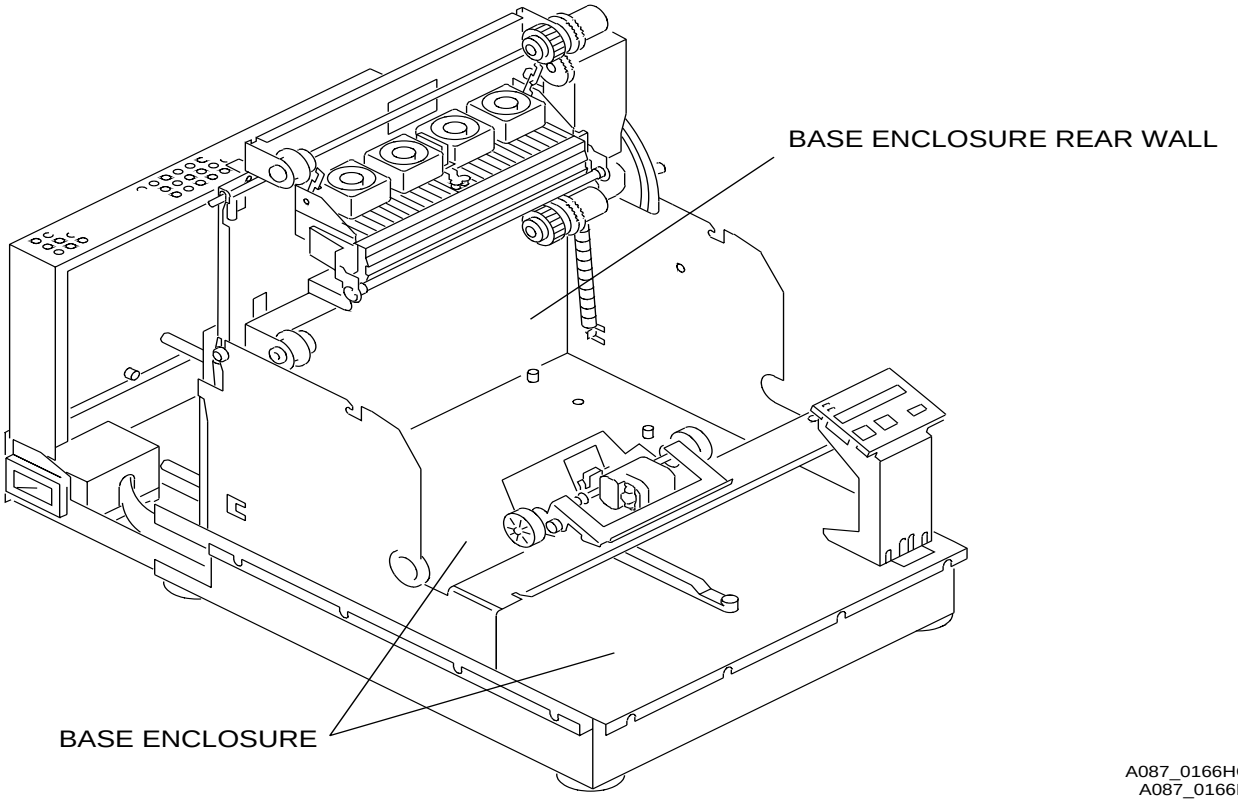
[4] Clean the following parts. Use the ALCOHOL PAD.

- RIGHT SIDE WALL
- RIGHT RAIL



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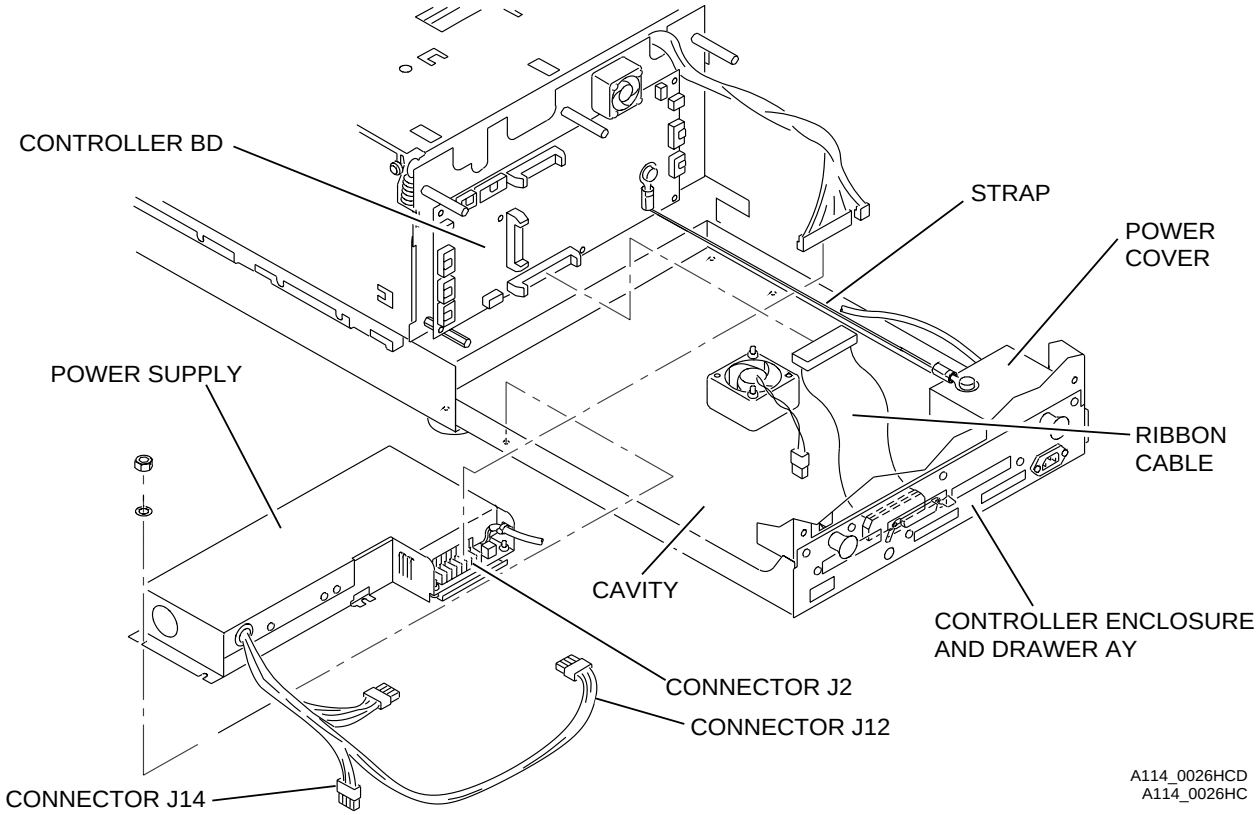
[5] Clean the following parts. Use the ALCOHOL PAD.

- BASE ENCLOSURE REAR WALL
- BASE ENCLOSURE

[6] Install the ROLLER AY. See the ADJUSTMENTS AND REPLACEMENTS, Publication No. AR2935-5.

Cleaning the CONTROLLER ENCLOSURE AND DRAWER AY/CAVITY



Warning

Dangerous Voltage

[1] De-energize and disconnect the PRINTER.

[2] Open the CONTROLLER ENCLOSURE AND DRAWER AY. See the ADJUSTMENTS AND REPLACEMENTS, Publication No. AR2935-5.

[3] Remove the RIBBON CABLE from the CONTROLLER BD.

[4] Disconnect CONNECTOR J12 from the CONTROLLER BD.

[5] Remove:

- STRAP from the POWER COVER
- CONNECTOR J2 from the POWER SUPPLY
- CONTROLLER ENCLOSURE AND DRAWER AY

[6] Use the ALCOHOL PAD to clean:

- CAVITY
- CONTROLLER ENCLOSURE AND DRAWER AY

[7] Install:

- CONTROLLER ENCLOSURE AND DRAWER AY
- STRAP

[8] Connect:

- CONNECTOR J2
- CONNECTOR J12

[9] Install the RIBBON CABLE.

[10] Close the CONTROLLER ENCLOSURE AND DRAWER AY.

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