



SERVICE BULLETIN

KODAK X-OMAT Processor

Eastman Kodak Company, Health Imaging Division, Imaging Service Center, Rochester, New York 14650

SERVICE BULLETIN NO. 225 (Revised)

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Supersedes January 1996

3198 Kodak X-Omat 180 LPS PROCESSOR
3200 Kodak X-Omat 180 LP SORTER KIT
3227 Kodak X-Omat 180 LP PROCESSOR

Correction to Service Bulletin No. 225 dated January 1996.

Correction to Newsletter, Issue No. 1, Article No. 1 dated February 20, 1996.

Please discard the previous version of the Service Bulletin and the Newsletter. The Part Numbers were inadvertently omitted from the software table.

Modification 1 for the Kodak X-Omat 180 LP SORTER KIT

This is a Type 1 Required Modification for all 180 LP SORTER KITS in the following serial number range:



Note

- 100 - 193 The serial numbers are for the SORTER, not the PROCESSOR.
- 302 - 308 The SORTER serial number plate is located on the rear edge of the hinged SORTER as you face the PROCESSOR.

Modification 1 includes the following improvements.

- A new 100 CIRCUIT BOARD (Part No. 1C7523) to improve the performance of the BIN SENSORS and the DIVERter SOLENOIDS.
- New software to support the new 100 CIRCUIT BOARD (Version 2.24, Main Program download disk and Version 2.52, BOOTSTRAP PROM).
- New BEARINGS with increased durability for the MAIN DRIVE SHAFT.
- Making the edges of the front HINGE PLATE smooth to minimize wear on the WIRE HARNESS.
- New non-reflective material (FOAM TARGET) to be placed across from the BIN SENSORS to improve performance of the BIN SENSORS.

The modification kit is available from Service Parts Management. The Part No. for Mod 1 is 1C7525. This kit is available at no charge for the serial number range listed above.



Important

- The old style BIN SENSORS (Part No. 1C7504) that are designed to work with the old style 100 CIRCUIT BOARD will no longer be stocked. They will be replaced by a new BIN SENSOR (Part No. 1C7510).
- The new BIN SENSOR will not work properly with the old 100 CIRCUIT BOARDS, but the new 100 CIRCUIT BOARD will work properly with either the old or new BIN SENSORS.
- It is therefore essential that Mod 1, with the new 100 CIRCUIT BOARD, is installed on Sorter Kits in the Serial Number range listed above, or problems will occur in the future if the BIN SENSORS are replaced.

Kodak X-Omat 180 LP and 180 LPS, 2.24 Software Now Available

The new 2.24 Operating Software along with the 2.52 BOOTSTRAP have been designed to work with all versions of the 180 LP PROCESSOR (with or without SORTER) and with the 180 LPS PROCESSOR.

In order to avoid using incompatible versions of software it is highly recommended that all 180 LP PROCESSORS with or without SORTER, and all 180 LPS PROCESSORS be upgraded to 2.24 Operating software and 2.52 BOOTSTRAP PROM.



Note

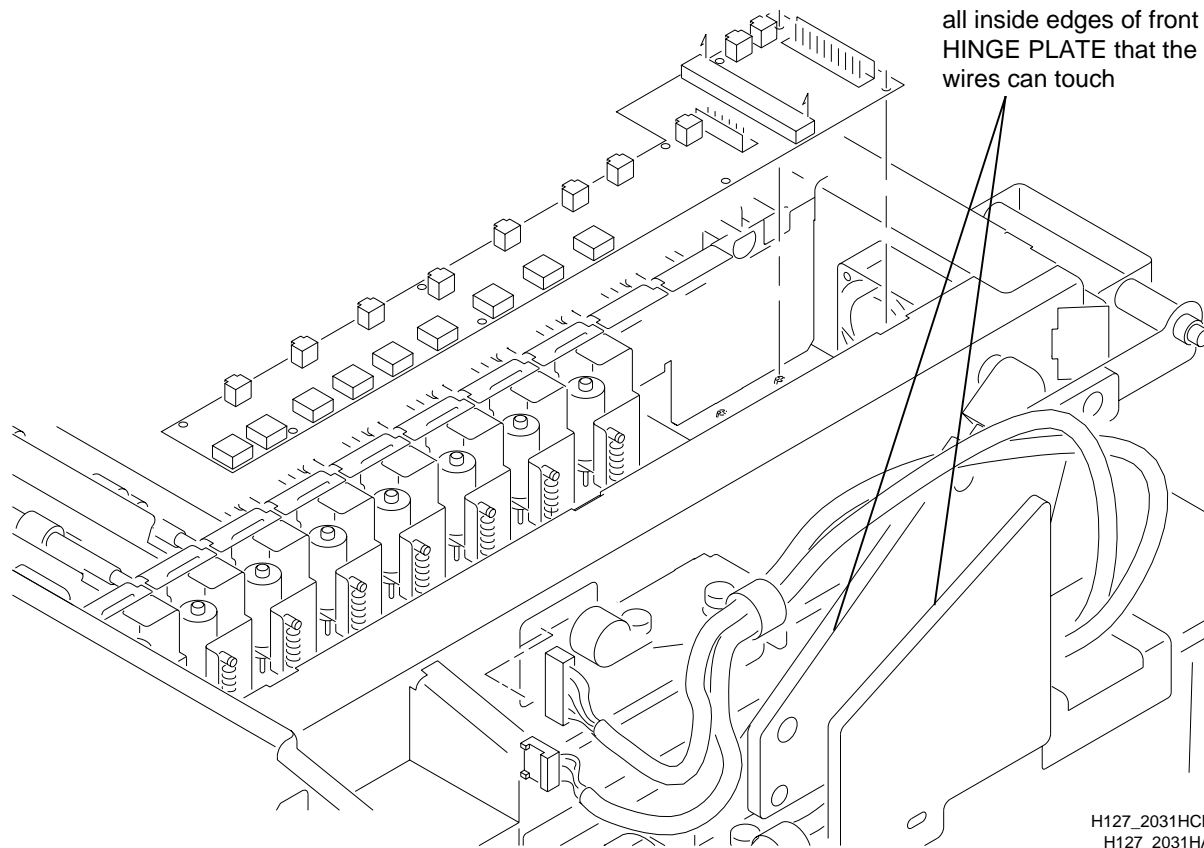
Verify that Mod 1 has been done on the SORTER before using 2.24 software. If Mod 1 has not been done, order Mod 1 (includes 2.24 software). See preceding article for the serial numbers that require field installation of Mod 1.

Software Version	Description	Part Number
2.24	U-19, MAIN PROGRAM - EEPROM*	5B6618
2.24	Download Disk, MAIN PROGRAM	5B6623
2.52	U-20, BOOTSTRAP PROM	5B6607
2.55	Diagnostics Disk	5B6278
*U-19 does not have to be replaced unless defective. It can be reprogrammed using a download disc and a portable computer.		

Order software from Service Parts Management, Rochester, NY, 1-800-431-7278.

180 LPS PROCESSOR and the 180 SORTER KIT

In-house testing has indicated that the front HINGE PLATE can cause wear on the WIRE HARNESS when the PROCESSOR cover is raised and lowered. **To minimize wear on the WIRE HARNESS, it is important that the following procedure be done for the SORTER serial number range 309 - 354.**



Important

Do not allow metal filings to fall into the PROCESSOR. Place a cloth over the PROCESSOR to catch falling metal filings.

1. Use a FILE to make all of the inside edges of the front HINGE PLATE smooth, so the edges cannot cut the wires.
2. Apply permanent black ink to the metal edges.
3. Check the PROCESSOR for metal filings. Remove any filings.

For More Information:

U.S. Distributors Contact:

Health Imaging
Customer Support Organization
1-800-336-4722

CES Personnel Contact:

Film Handling TAC
U.S.: 1-800-822-1414
Canada: 1-800-433-1414
International: 716-724-4675

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