

**End of Life Plan**

**For**

**Kodak i2000 series Scanners and**

**Kodak Picture Saver Scanners PS50 and PS80**

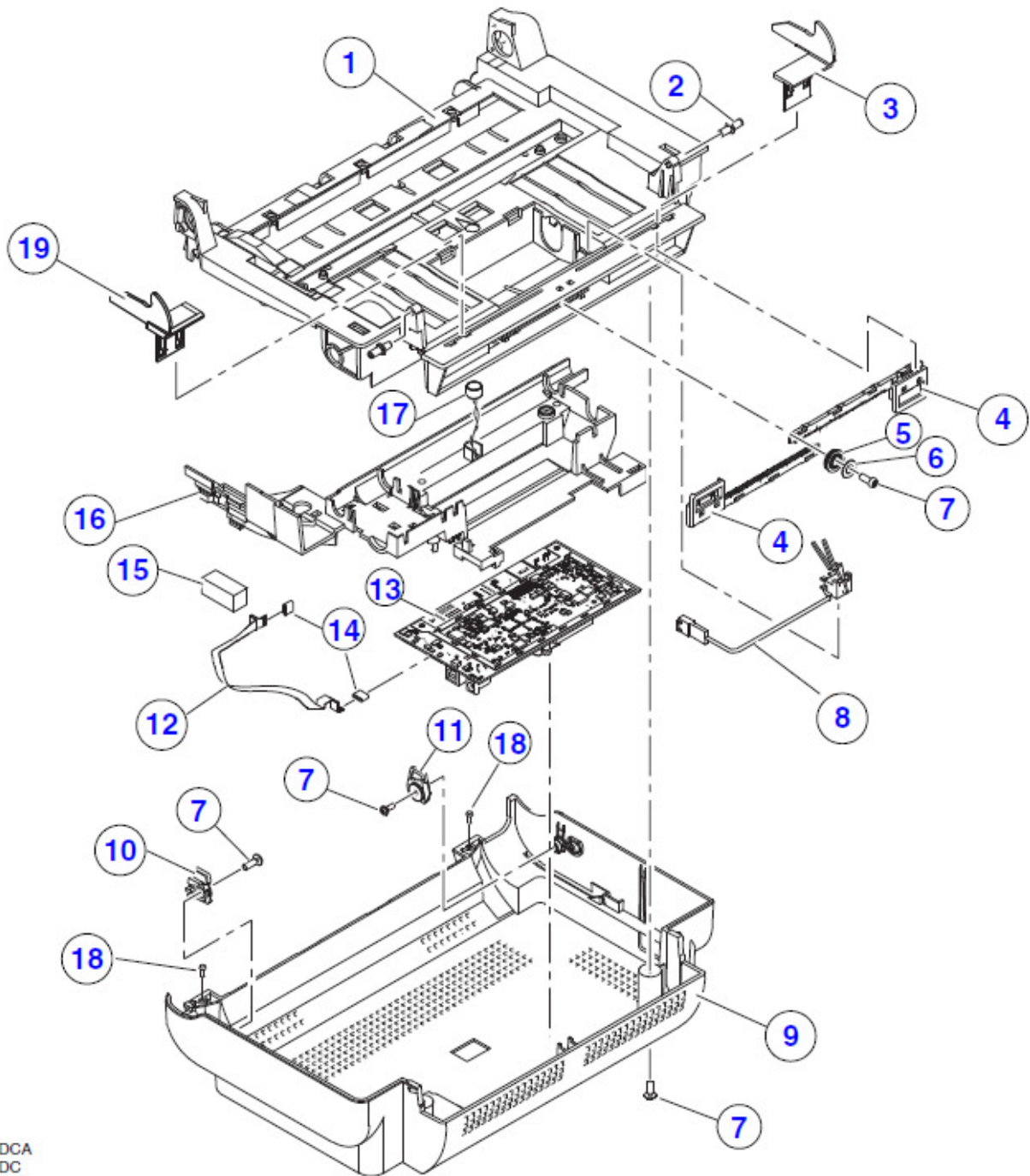
## Compositional Analysis

This compositional analysis applies to model(s): Kodak i2400, i2600, i2800, Kodak Picture Saver Scanners PS50 and PS80. The following table identifies the location of materials that need special treatment by recyclers.

| Material of concern  | Present in part? | Describe Specific Component and/or location  |
|--|------------------|--|
| External Battery   | no               |  |
| Internal Battery   | no               |  |
| Asbestos   | no               |  |
| Backlighting lamps with Hg   | no               |  |
| Beryllium Oxide  | no               |  |
| Other forms of Beryllium   | no               |  |
| Cadmium  | no               |  |
| Capacitors with PCB's  | no               |  |
| Capacitors with substances of concern and height > 25 mm, diameter > 25 mm or proportionately similar volume | no               |  |
| Chromium VI  | no               |  |
| Gas discharge lamps  | no               |  |
| Lead (In accordance with EU exemptions)  | yes              | power adapter – internal parts Inductor and transformer  |
| Printed Circuit Boards >10 square centimeters  | Yes              | <ul style="list-style-type: none"> <li>• Main Controller PCB located upon removing back cover. See figure 1.</li> <li>• Upper and Lower scan module PCB located upon removing front and back cover. Figure 3 and 4</li> <li>• LCD display - PCB located upon removing front cover. Figure 2</li> </ul> |
| Liquid Crystal Displays with a surface area > 100cm <sup>2</sup>   | no               |  |
| Mercury  | no               |  |
| Plastic containing brominated flame  | no               |  |

|  |     |   |
|--|-----|---|
| retardants   |     |   |
| PVC/PVDC   | yes | Harness insulation, cables, connectors... |
| Radio-active substances  | no  |   |
| Refractory ceramic fibers  | no  |   |
| Compartments / units / parts under pressure  | no  |   |
| Compartments / units / contain liquids   | no  |   |
| Compartments / units / contain gasses  | no  |   |
| Compartments / units / contain "Hidden" mechanical springs or other equivalent parts | no  |   |
| Lasers   | no  |   |

Figure 1 Location of Main Controller circuit Board is #13, rear cover is #9



1034DCA  
1034DC

Figure 2 – Location Operator Control panel circuit bd. I2600 and i2800 #16, i2400 is #14

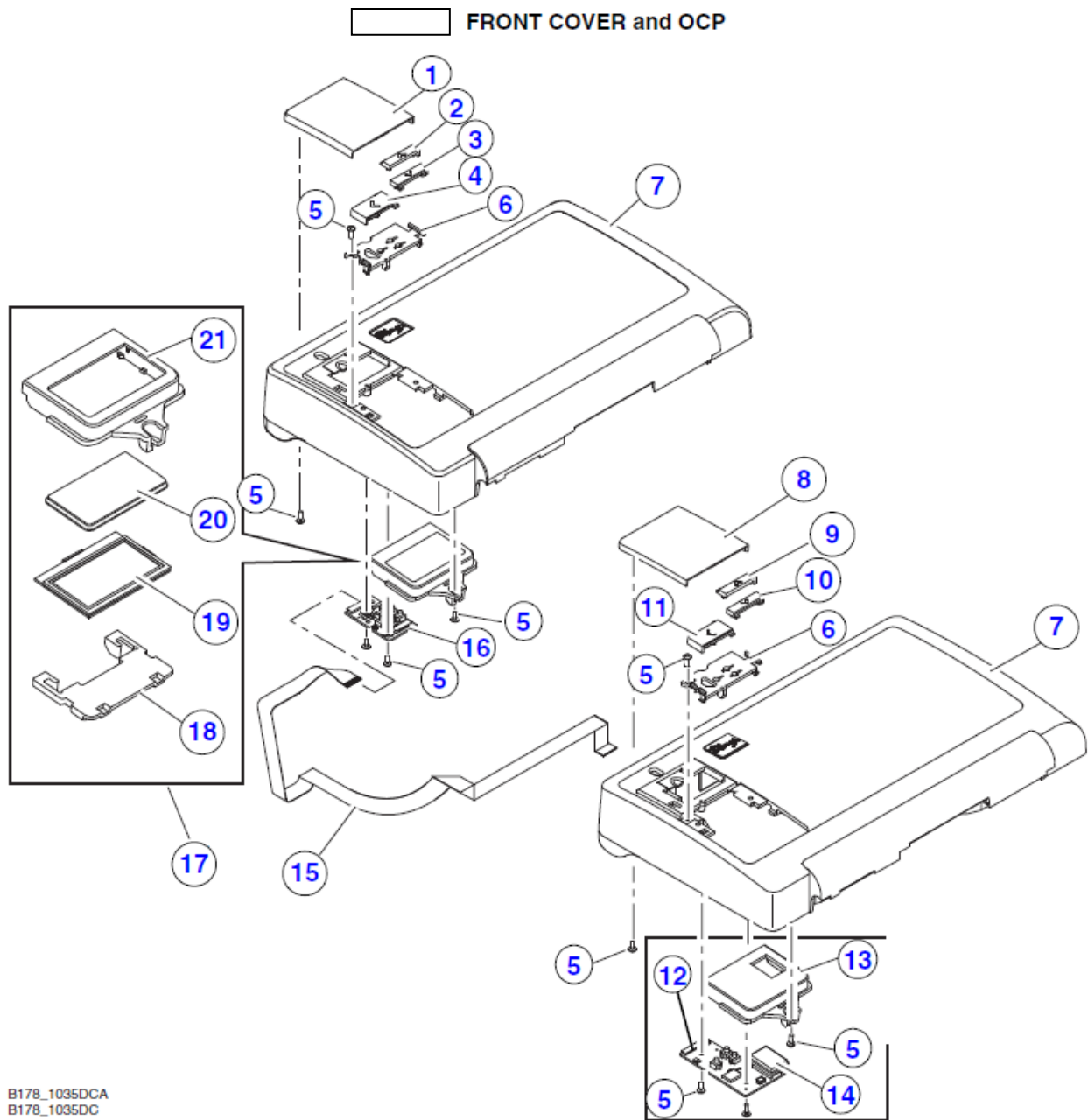
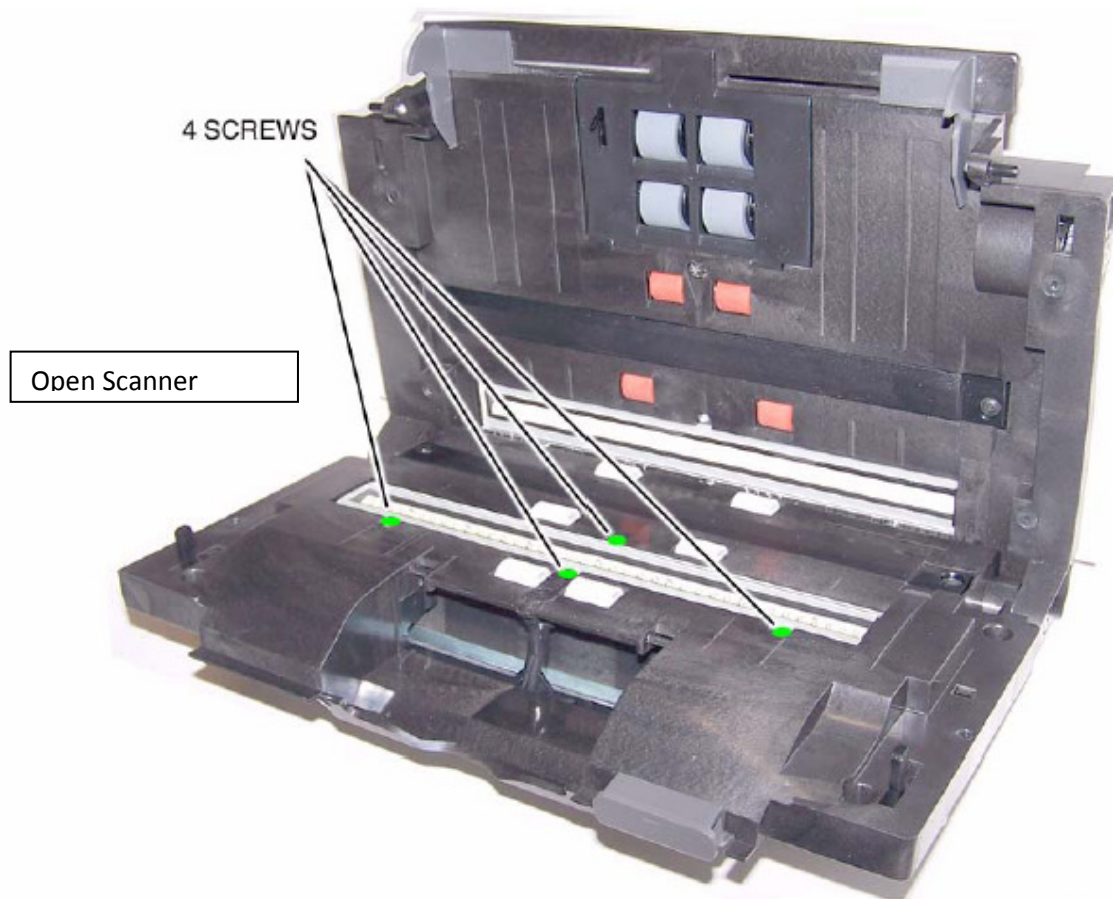


Figure 3a - Location of Upper Scan Module Circuit Bd.



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[1] Open the SCANNER.

[2] Remove the 4 SCREWS for the UPPER SCAN MODULE.

Figure 3b Location of upper Scan Module under Front Cover, Circuit Board is attached.

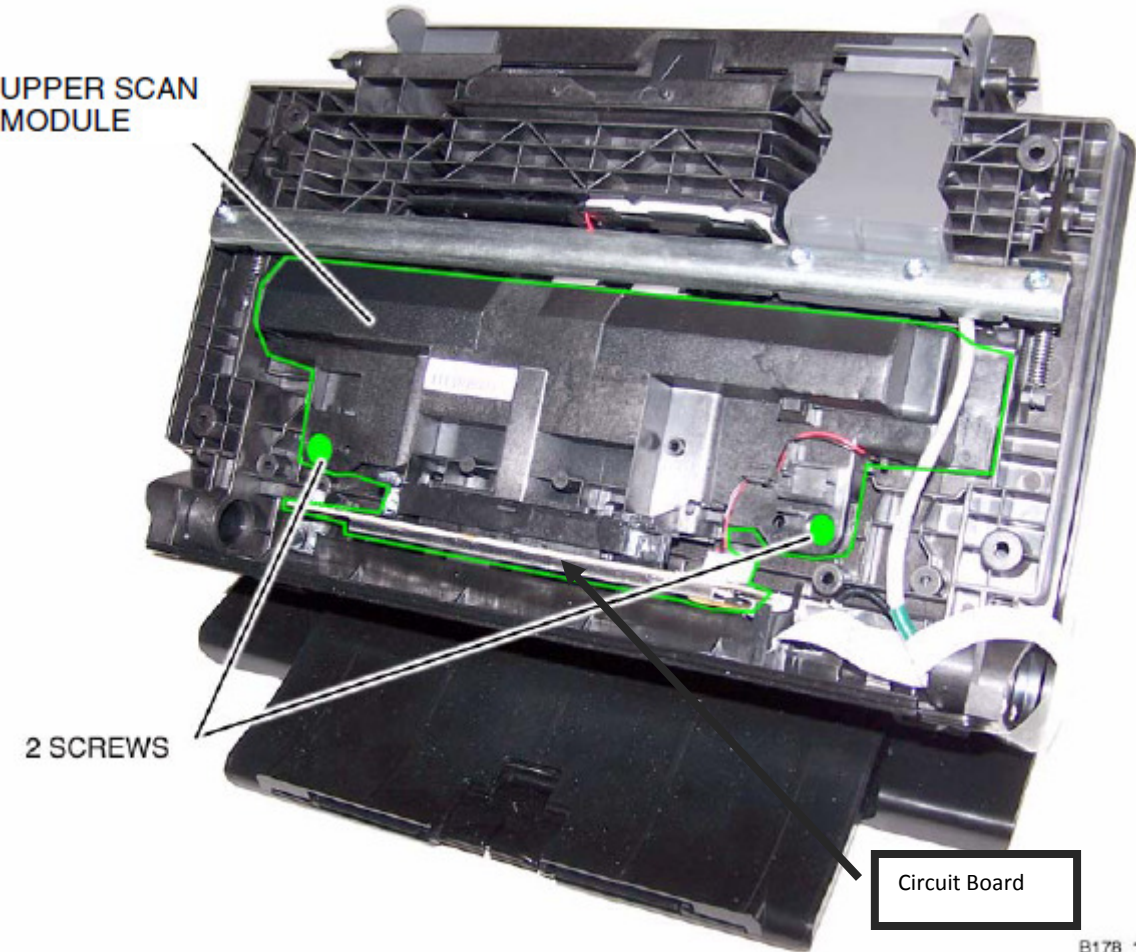


Figure 4a Lower Scan Module Circuit board

Note: Front and Rear cover are removed.

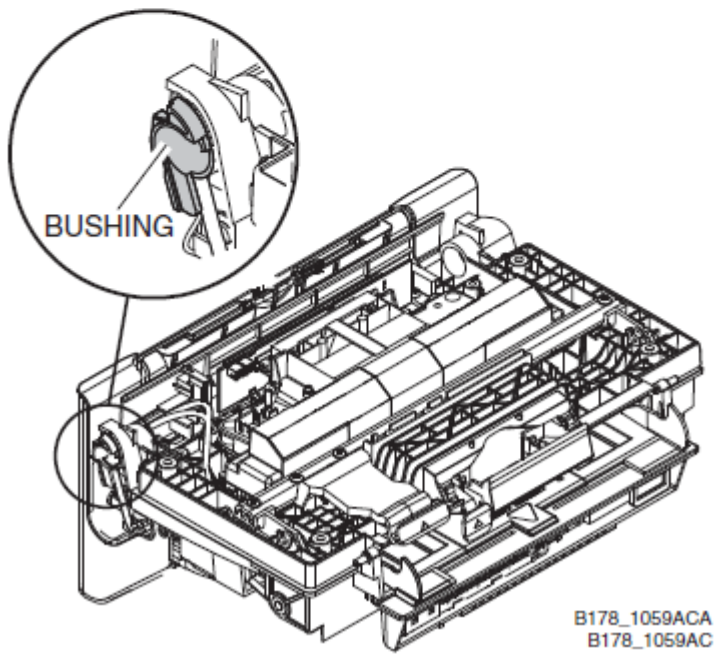
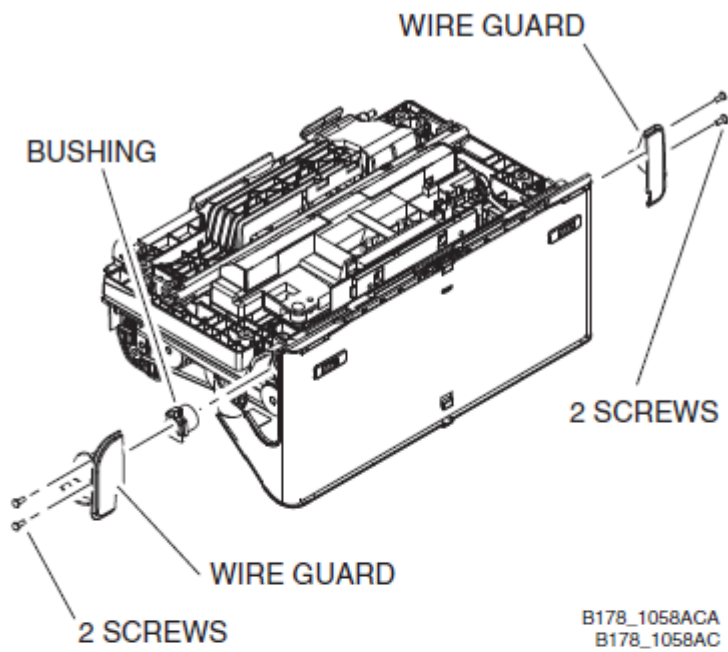
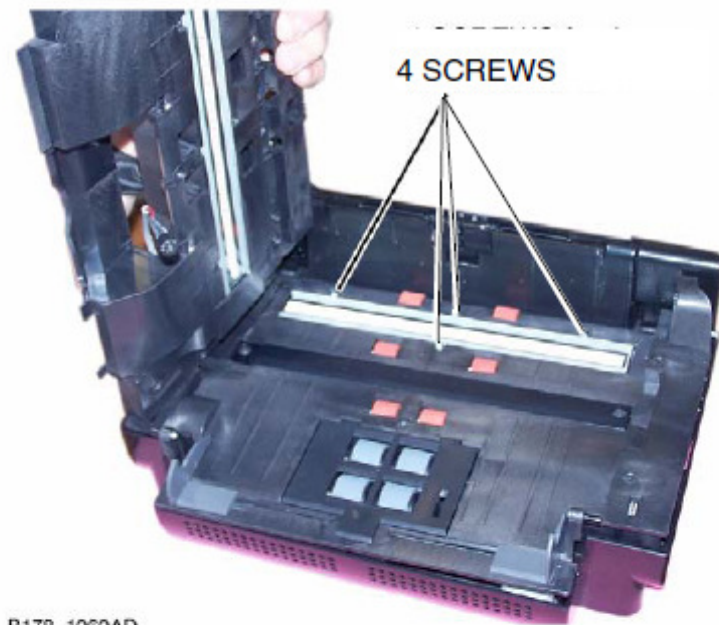
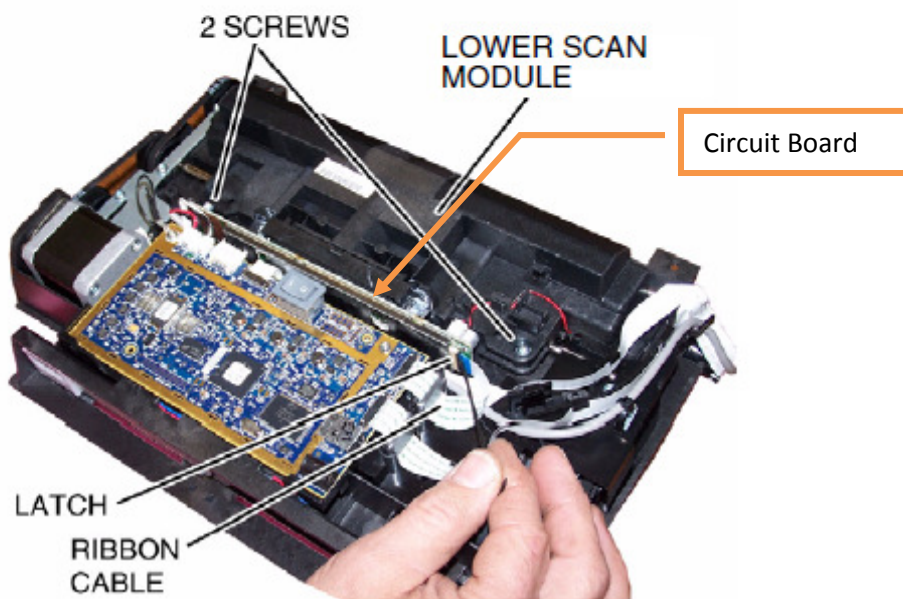




Figure 4b - Lower Scan Module Circuit board continued



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## EOL Strategy

The product EOL strategy will be based on market needs, regulations, financial impact, etc. For example, the WEEE Directive in the European Union requires that a collection and treatment infrastructure is in place to manage our products at end-of-life. This obligation will be met through membership in a variety of governmental and industry-led collection schemes, as well as Kodak initiated strategies developed specifically for Kodak products. Strategies such as re-use, re-conditioning, strip and salvage, responsible disposal, etc. can vary by region and change with time.

## Regulatory Requirements

The hazardous materials that are contained within this product need to be handled in compliance with the local requirements when discarded by the final user and sent for end-of-life treatment.

**For recycler processes; substances, preparations, and components may be removed manually, mechanically, or chemically, metallurgically with the result that hazardous substances, preparation, components are contained in an identifiable waste stream or identifiable part of a waste stream at the end of the treatment process.**

- LCDs (liquid crystal displays) must be processed by vendors capable of and experienced in recovering mercury in backlights.
- PC (printed circuit) boards must be processed by a smelter (or other thermal process) capable of and experienced in recovering precious metals (gold and so forth) and heavy metals (lead and so forth) for reuse or by a chemical recovery process. Circuit components may be extracted for reuse prior to smelting.
- Plastics should be recycled for use in new products, components and materials, as substitutes for other raw materials, or recycled in another beneficial manner. When recycling is not economically practical, plastics should be processed for energy recovery at a facility that is designed to control and monitor emissions from the process. See section 14.9 for related information.
- Printing supplies collected as part of hardware recycling (for example, a print cartridge present in a printer at the time of its collection): Original HP printer cartridges must be processed using the HP Inkjet cartridge and LaserJet toner cartridge return and recycling programs in countries where HP programs are available. All other print supplies must be recycled or disposed of in an environmentally responsible manner compliant with applicable laws and regulations.
- Metal (other than in PC boards): Acceptable processing includes liberation of metal items (manually or mechanically), volume reduction for transport (shredding, baling, and so forth), and refining by smelters or foundries (or similar) for the purpose of preparing the metal for reuse. To maximize recycling rates, sending whole products to a smelter is not authorized without approval from HP and demonstration that the smelter is capable of capturing all of the following for reuse:
  - copper, precious metals (such as gold and silver); steel and aluminum; and, for CRT devices, lead.
- Incineration: If lead-bearing electronic components (such as circuit boards), batteries, polyvinyl chloride (PVC) plastics, mercury lamps, or any material classified as hazardous waste under applicable regulations are disposed of by incineration, the incinerator must meet 99.99% destruction removal efficiency (DRE) for all regulated hazardous contaminants and 99.9999% DRE for dioxins.

The following regulations/directives apply to these products.

## **WEEE**

### **Equipment Labeling Plans**

As per WEEE requirements the equipment is labeled with the dustbin symbol.

### **Information for Customers and Treatment Facilities**

When the last user wishes to discard this product, the information that will guide the customer's action will be available on-line. The disposal information will be made available to the recycler through instructions via Kodak website.

Information provided to the user in the User Manual includes the meaning of the dustbin symbol, instructions not to dispose as unsorted municipal waste, available collection system and their role in contributing to WEEE goals and potential environmental and health effects as a result of the presence of hazardous substances.