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## 5 Disassembly and Reassembly

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This section of the service manual describes the disassembly and reassembly procedures for the CHB5\*\*7L/6\*\*7L/7\*\*7L monitors.

**WARNING:** This monitor contains electrostatically sensitive devices. Use caution when handling these components.

### 5-1 Disassembly (CHB7\*\*7L/CHB6\*\*7L)

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**Cautions:** 1. Disconnect the monitor from the power source before disassembly.  
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

#### 5-1-1 Cabinet Disassembly

1. With a pad beneath it, stand the monitor on its front with the screen facing downward and the base close to you. Make sure nothing will damage the screen.
2. Working from the back of the monitor remove the signal cover cap out, and remove the 4 screws and carefully pull the rear cabinet up and off the monitor.
3. Remove the 7 screws on the Top Shield and remove it.
4. Remove the 4 screws on the Bottom Cover and pull it upward to remove it.
5. Using pinch-nosed pliers or long-nosed pliers, carefully disconnect the Anode Cap from the CRT.

#### 5-1-2 Removing the Video PCB & CRT Socket PCB

1. Follow steps 1 through 5 in "Cabinet Disassembly," above.
2. Disconnect connectors CN103.
3. Lift off the CRT Socket PCB Assembly.
4. Hold the CRT Socket PCB Assembly while you lift the cap on the CRT Socket and pull out the two focus wires, G2 wire.
5. Remove both side screws on the lower edge of the Video PCB Ass'y and the screw on the signal connector and pull the assembly towards you to remove it.
6. Remove all screws on the Video PCB Assembly and remove the Video Shield.
7. Lift out the Video PCB and place it on a flat, level surface that is protected from static electricity.

#### 5-1-3 Removing the Main PCB

1. Follow steps 1 through 5 in "Cabinet Disassembly," steps 1 through 7 in "Removing the Video PCB and "Removing the CRT Socket PCB," above.
2. Disconnect the Degaussing Coil at CN600 on the Main PCB.
3. Disconnect all easily accessible ground wires from the CRT GND Assembly and Bottom Chassis.
4. Disconnect the connector between CN\_Tilt. on the Main PCB and the Tilt coil.
5. Disconnect the DY connector between the DY and the CN300A\_7, CN400, CN401 and CN402 connectors on the Main PCB.
6. Carefully lift the Main PCB Ass'y.
7. Remove the 6 screws on the top side of the Main PCB.
8. Lift the Main PCB and place it on a flat, level surface that is protected from static electricity.

#### 5-1-4 CRT Ass'y Disassembly

1. Complete all previous steps.
2. Remove the 4 side screws 2 on the top and 2 on either side of the CRT and lift the CRT Unit Bracket.
3. Unhook the Degaussing Coil Assembly and lift it off the CRT.
4. Remove the 4 corner screws and lift the CRT up and away from the Front Cover Assembly and place it on a padded surface.

 **Do not lift the CRT by the neck.**

**Caution:** If you will be returning this CRT to the monitor, be sure to place the CRT face down on a protective pad.

## 5-2 Disassembly (CHB5\*\*7L)

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- Cautions:**
1. Disconnect the monitor from the power source before disassembly.
  2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

### 5-2-1 Cabinet Disassembly

1. With a pad beneath it, stand the monitor on its front with the screen facing downward and the base close to you. Make sure nothing will damage the screen.
2. Working from the back of the monitor remove the signal cover cap out, and remove the 4 screws and carefully pull the rear cabinet up and off the monitor.
3. Remove the 4 screws on the Top Shield and remove it.
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5. Remove the 4 screws on the Bottom Cover and pull it upward to remove it.
6. Using pinch-nosed pliers or long-nosed pliers, carefully disconnect the Anode Cap from the CRT.

### 5-2-2 Removing the Video PCB & CRT Socket PCB

1. Follow steps 1 through 5 in "Cabinet Disassembly," above.
2. Disconnect connectors CN103.
3. Lift off the CRT Socket PCB Assembly.
4. Hold the CRT Socket PCB Assembly while you lift the cap on the CRT Socket and pull out the two focus wires, G2 wire.
5. Remove both side screws on the lower edge of the Video PCB Ass'y and the screw on the signal connector and pull the assembly towards you to remove it.
6. Remove all screws on the Video PCB Assembly and remove the Video Shield.
7. Lift out the Video PCB and place it on a flat, level surface that is protected from static electricity.

### 5-2-3 Removing the Main PCB

1. Follow steps 1 through 5 in "Cabinet Disassembly," steps 1 through 7 in "Removing the Video PCB and "Removing the CRT Socket PCB," above.
2. Disconnect the Degaussing Coil at CN600 on the Main PCB.
3. Disconnect all easily accessible ground wires from the CRT GND Assembly and Bottom Chassis.
4. Disconnect the connector between CN\_Tilt. on the Main PCB and the Tilt coil.
5. Disconnect the DY connector between the DY and the CN300A\_7, CN400, CN401 and CN402 connectors on the Main PCB.
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7. Remove the 8 screws on the top side of the Main PCB.
8. Lift the Main PCB and place it on a flat, level surface that is protected from static electricity.