



# Firebox V60L, V60 and V80 De-manufacturing Instructions

Document Number: 480-2525-001

**1.0 Purpose**

This instruction defines the de-manufacturing process for the recovery of this product family as it pertains to recycling of the major product components.

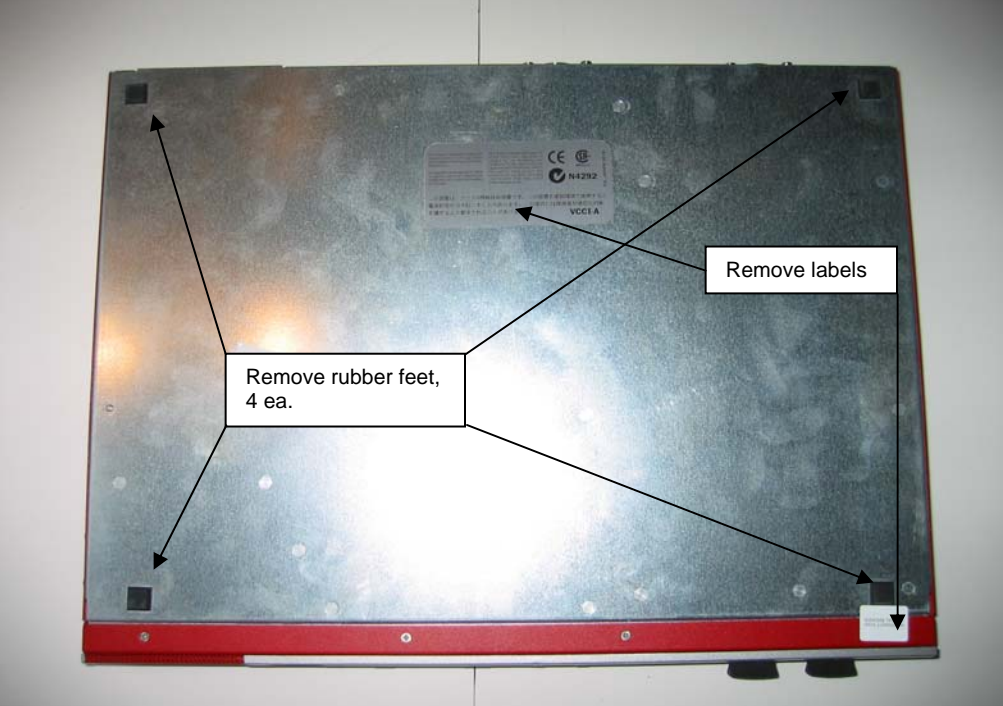
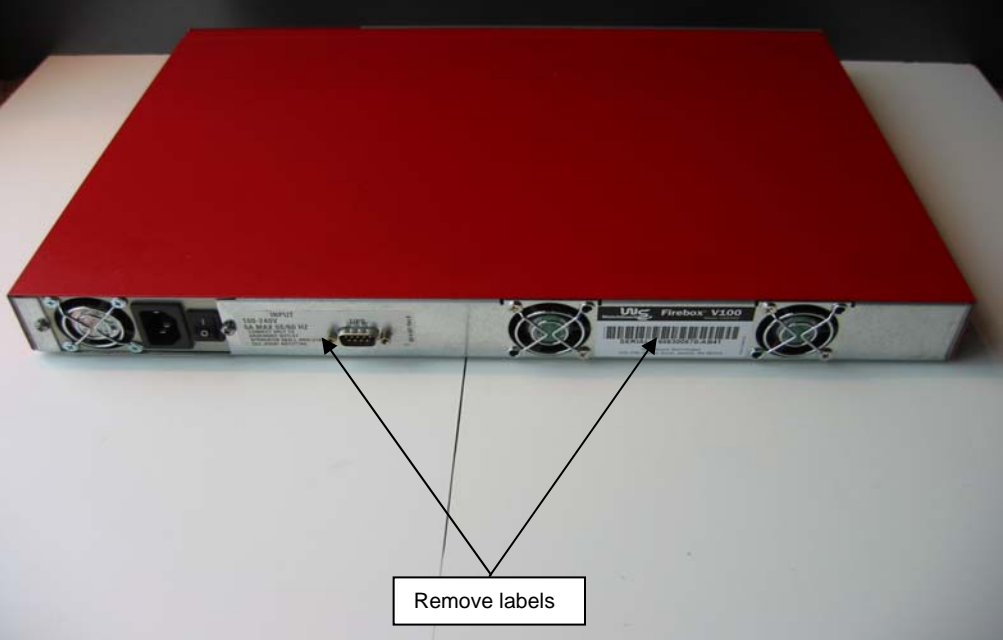
**2.0 Scope**

This instruction applies to the following product family and family part numbers.

Product Family Name	Family part #'s (not necessarily inclusive)
Firebox Vclass	<ul style="list-style-type: none"><li>• Firebox V60L, V60 and V80; all revisions</li><li>• Except V10 and V100; see other instructions</li></ul>


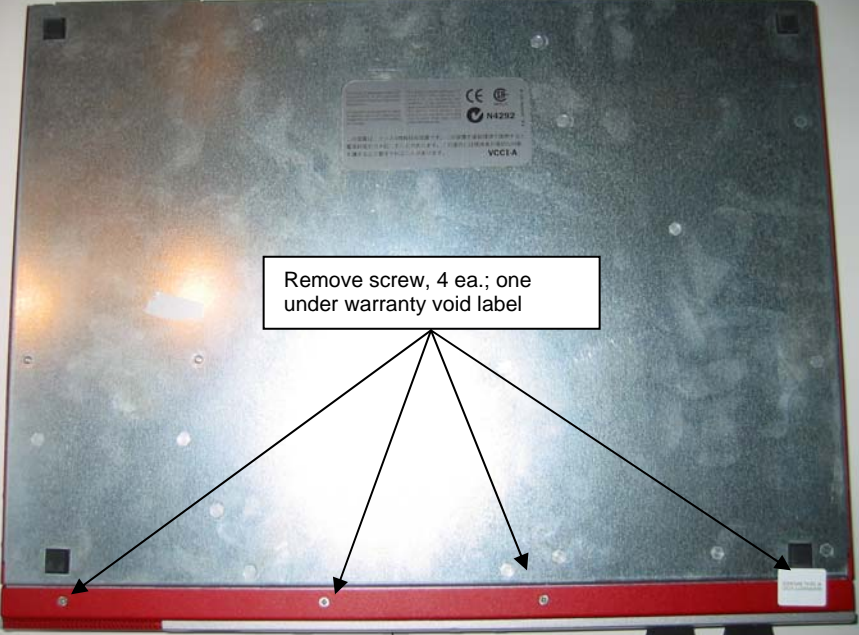
3.0 Instruction

3.1 -Remove labels and rubber feet


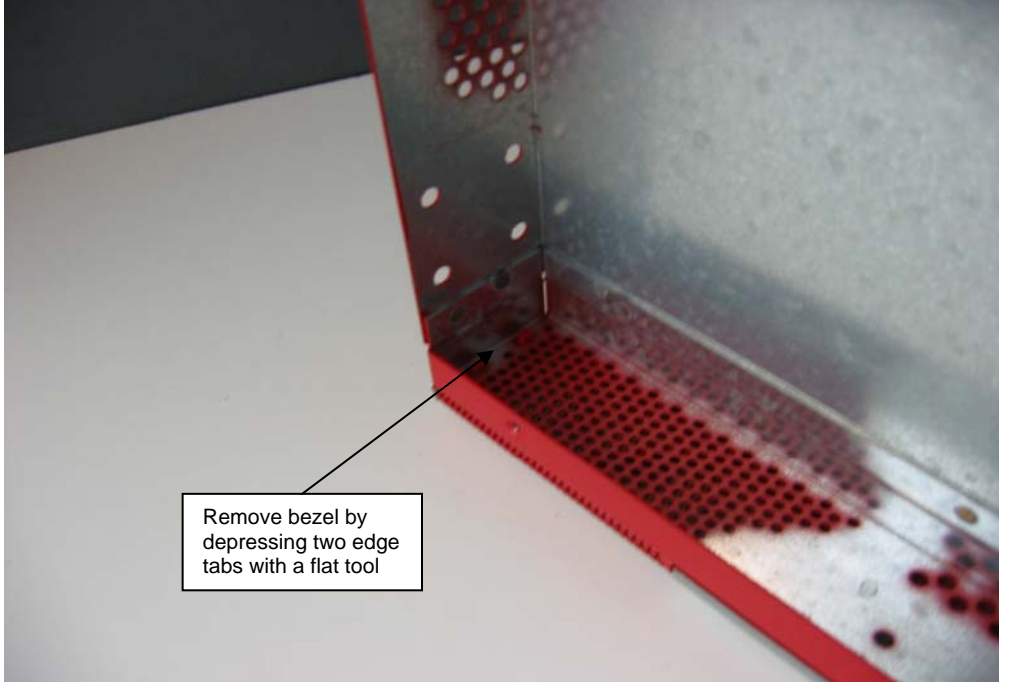
Material removed (part Desc or P/N & material type)	Instruction visual
<p><b>Labels</b>                      Cert. label:                      0791-00x– Metalized poly-film                      Warranty void:                      0230-00x - Poly-film  <b>Rubber Feet</b>                      0122-00x - Polyurethane Elastomer; 4 ea.</p>	
<p><b>Labels</b>                      Input power:                      0814-00x - Metalized Poly-film                      Product UPC/Serial:                      0810-00x - Poly-film</p>	

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3.2 –Remove screws holding upper chassis to lower

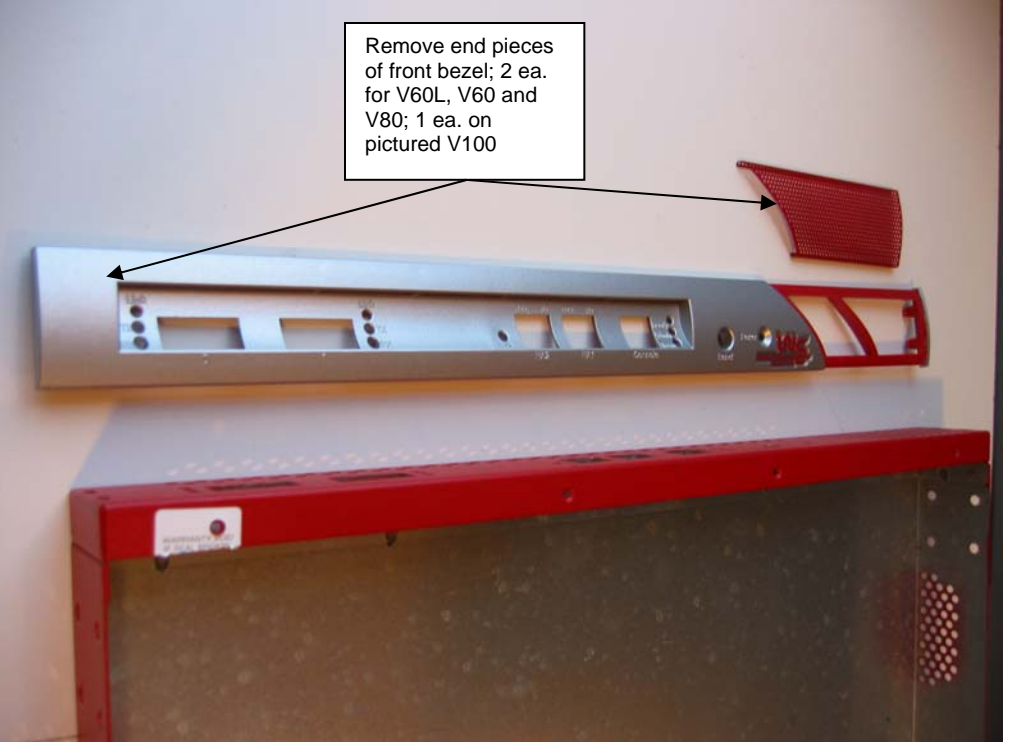
Material removed (part Desc or P/N & material type)	Instruction visual
<p><b>Screws</b> 0079-00x- Philips pan-head; steel/zinc; 8 ea.</p>	 <p>Remove screws; 4 ea., two sides</p>
<p><b>Screws</b> 0085-00x- Philips flat-head; stainless steel; 4 ea.</p>	 <p>Remove screw, 4 ea.; one under warranty void label</p>

3.3 –Disengage top chassis and remove front bezel

Material removed (part Desc or P/N & material type)	Instruction visual
	 <p>Remove top chassis with front bezel intact</p>
<p><b>Top chassis</b> 0650-00x- 18 Ga. EG w/powder coat paint (Drylac 89-30450)</p>	 <p>Remove bezel by depressing two edge tabs with a flat tool</p>

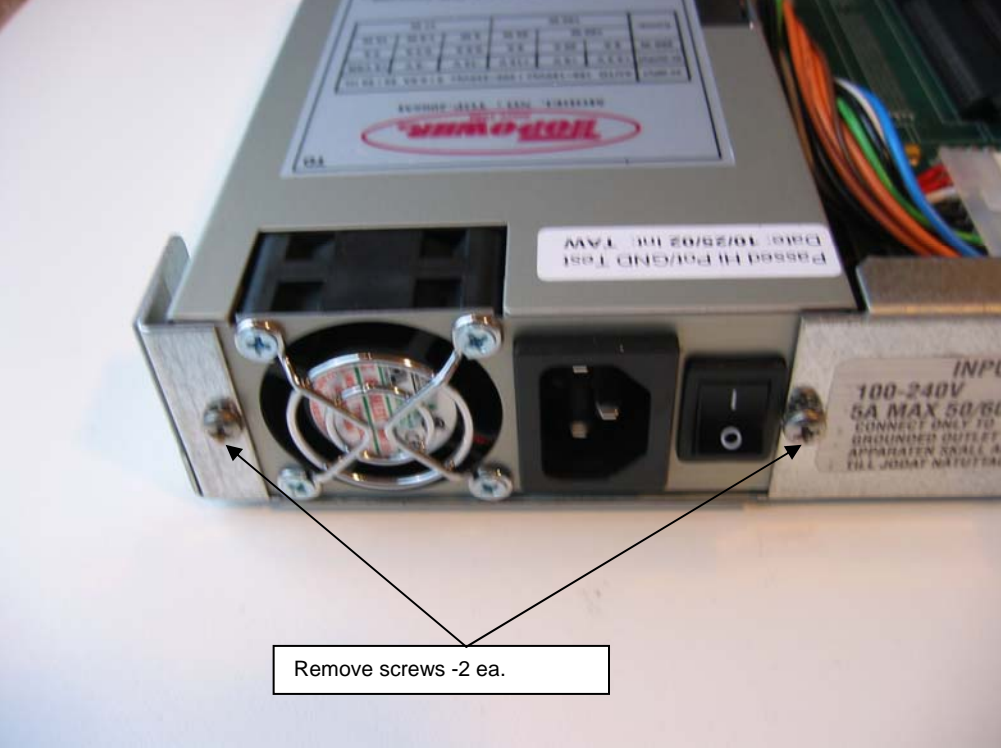
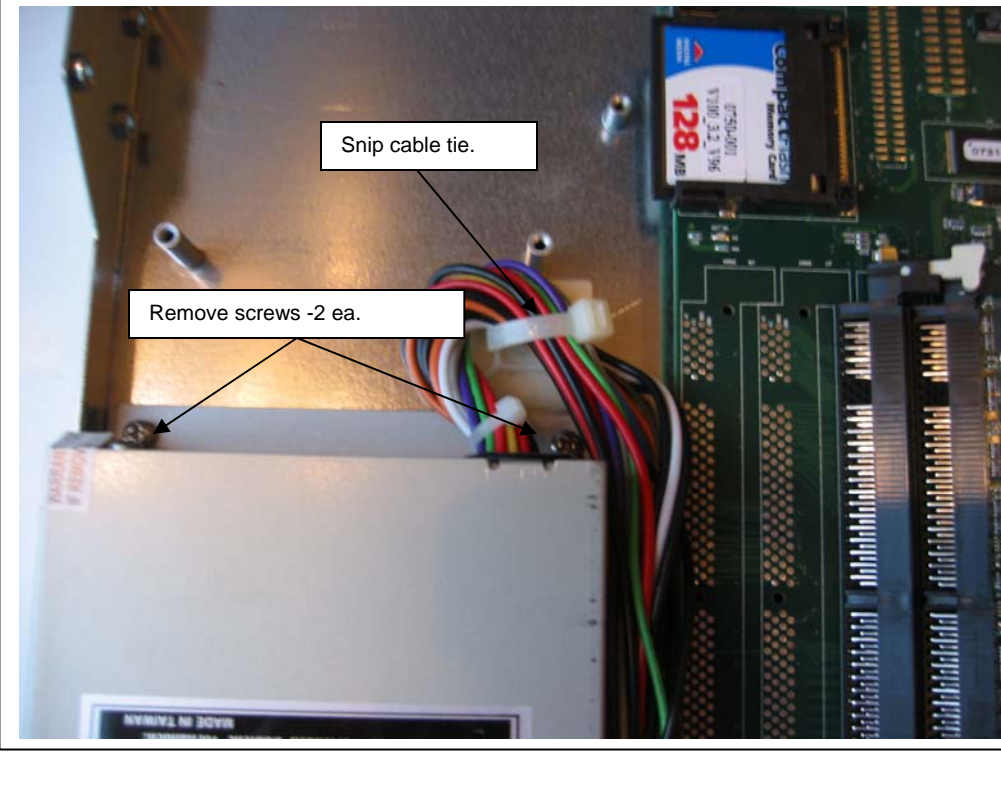
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3.4 –Remove bezel end caps from bezel assy

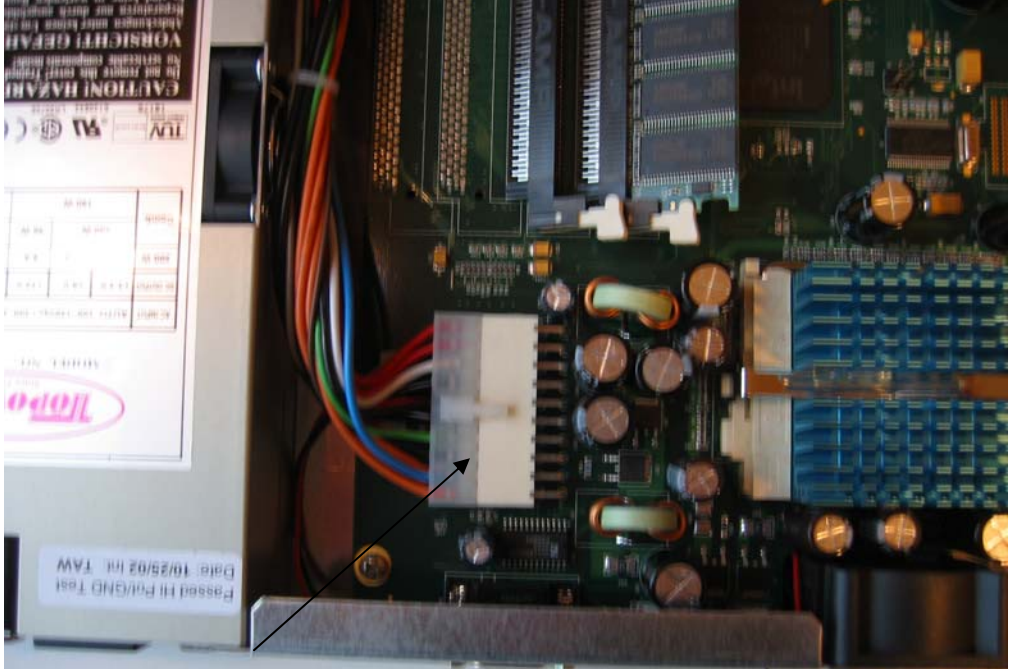

Material removed (part Desc or P/N & material type)	Instruction visual
<p><b>Front bezel main</b> 0781-00x- PC/ABS</p> <p><b>Bezel end caps</b> 0801-00x- 26 Ga. steel w/powder coat paint (Drylac 89-30450)</p>	

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3.5 –Remove Power Supply from Lower Chassis Assembly

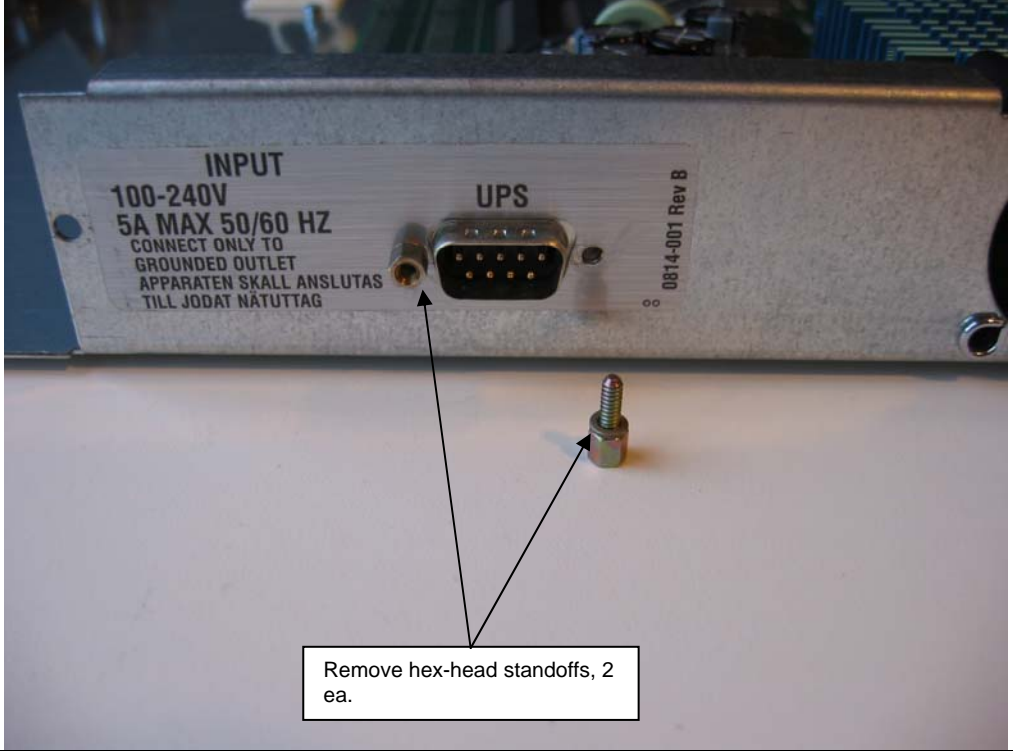
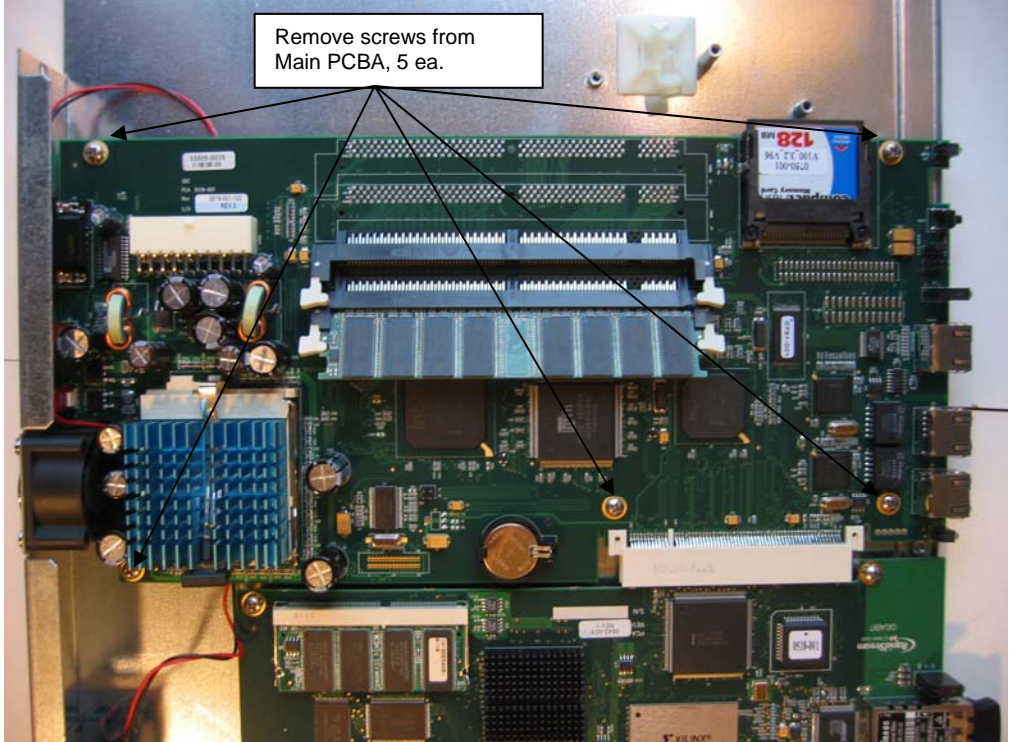
Material removed (P/N & material type)	Instruction visual
<p><b>Screws</b> 0669-00x –Philips pan-head; Stainless steel; 2 ea.</p>	 <p>Remove screws -2 ea.</p>
<p><b>Screws</b> 0669-00x –Philips pan-head; Stainless steel; 2 ea.</p>	 <p>Snip cable tie.</p> <p>Remove screws -2 ea.</p>

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Material removed (P/N & material type)	Instruction visual
	 <p data-bbox="657 919 943 961">Disengage supply cable</p>
<p data-bbox="186 1031 521 1121"><b>Power supply</b> 0747-00x – Power supply assembly; 2 ea.</p> <p data-bbox="186 1157 493 1247"><b>Cable tie</b> 0127-00x – Nylon 66; 1 ea.</p> <p data-bbox="186 1283 493 1373"><b>Cable tie base</b> 0125-00x – Nylon 66; 1 ea.</p>	 <p data-bbox="1291 1255 1528 1339">Remove cable tie and cable tie base with tool</p>

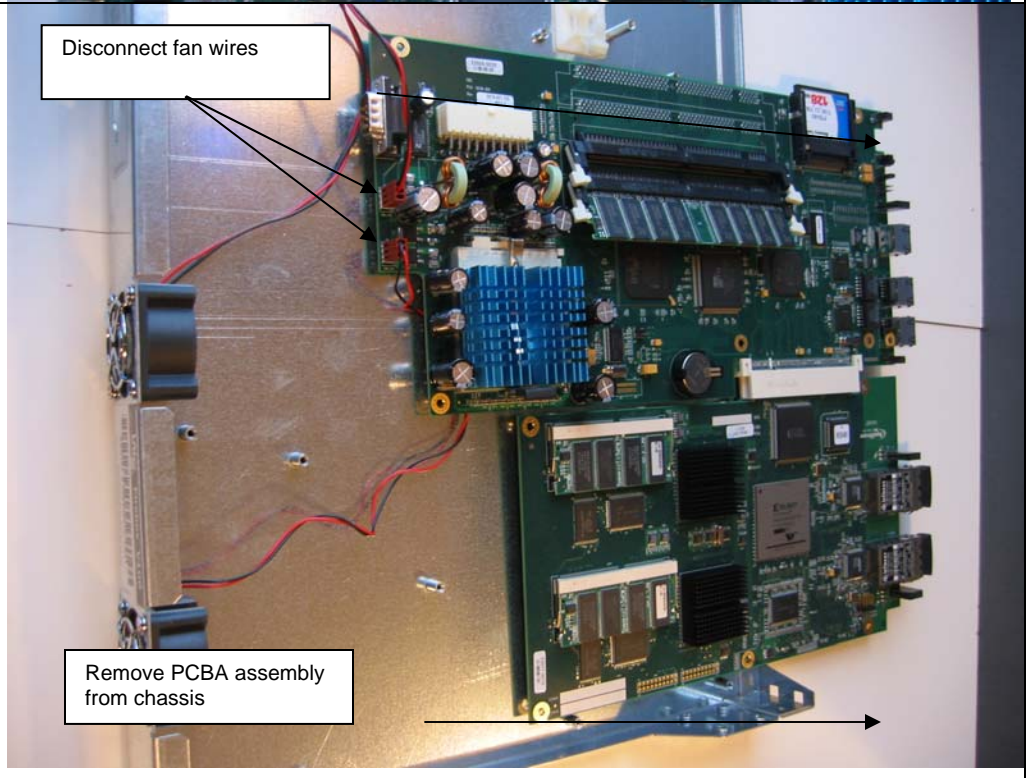
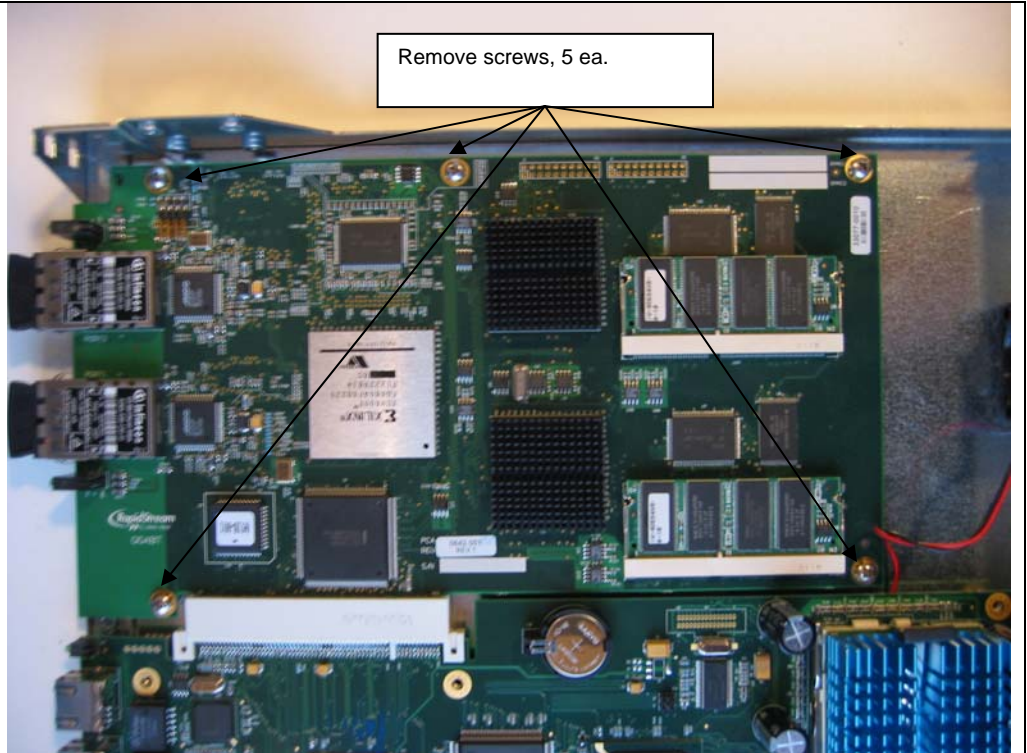


3.6 – Remove PCA's from Bottom Chassis

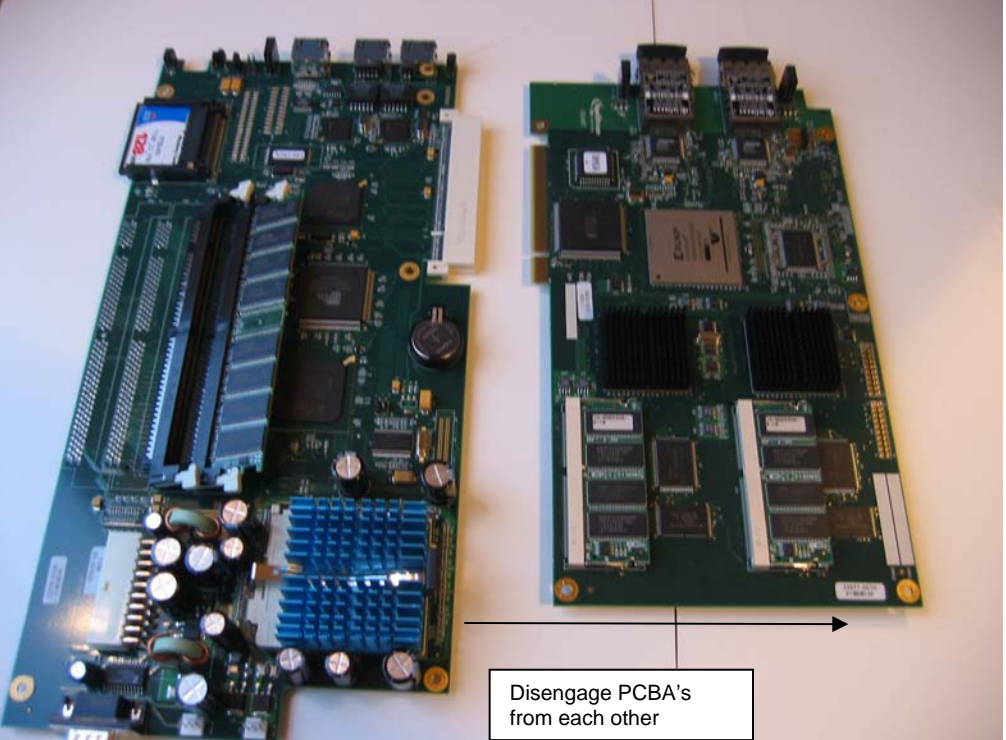
Material removed (P/N & material type)	Instruction visual
<p><b>Hex-head standoff</b> 0121-00x- Hex-head; Stainless steel, 2 ea.</p>	 <p>Remove hex-head standoffs, 2 ea.</p>
<p><b>Screws</b> 0669-00x –Philips pan-head; Stainless steel; 5 ea.</p>	 <p>Remove screws from Main PCBA, 5 ea.</p>

**Screws**

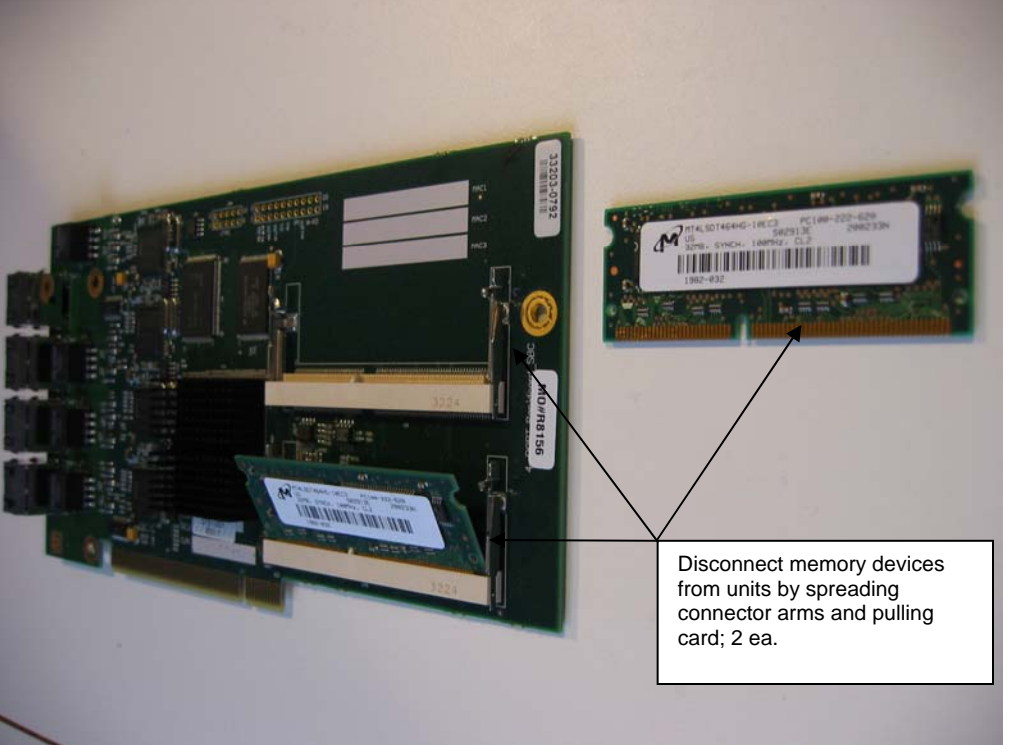
0669-00x –Philips pan-head; Stainless steel; 5 ea.



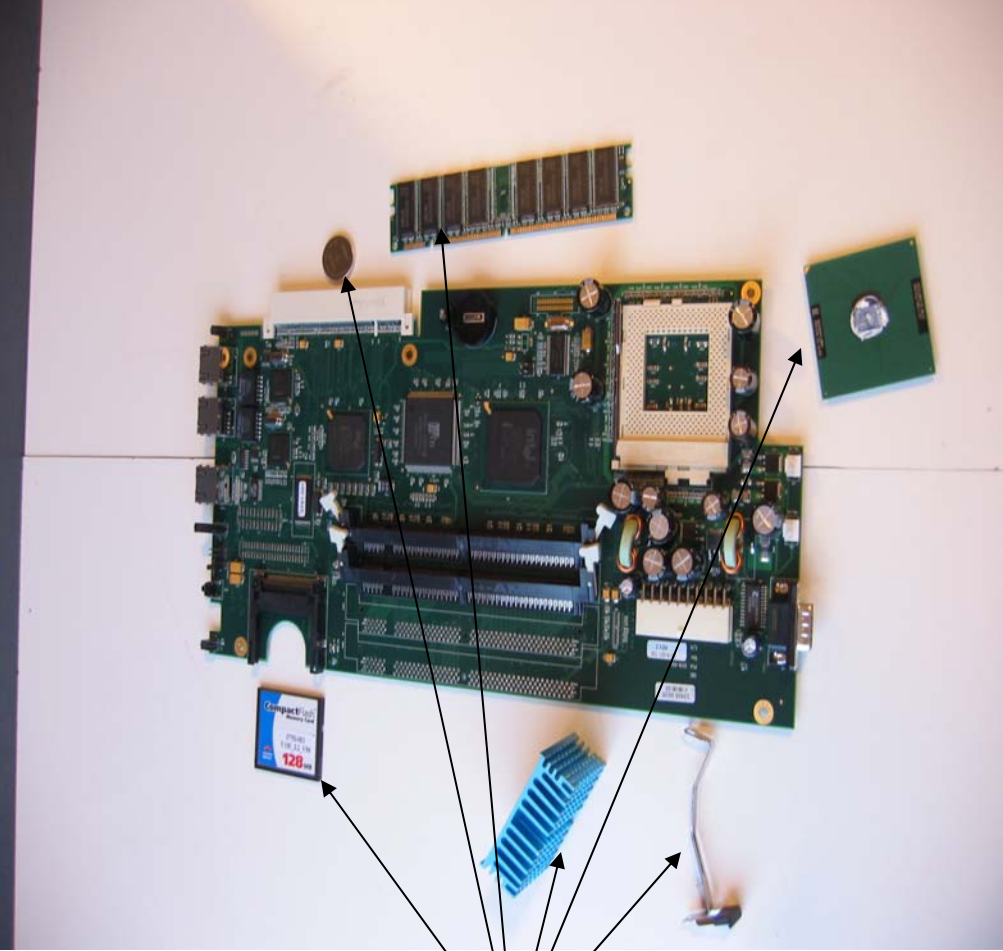
3.7 – Disconnect Main PCBA from Daughter PCBA

Material removed (P/N & material type)	Instruction visual
	 <p data-bbox="1052 1024 1312 1094">Disengage PCBA's from each other</p>

3.8 –Remove Memory DIMMs from Daughter PCBA

Material removed (P/N & material type)	Instruction visual
<p><b>Memory DIMM</b> 0669-00x –PCBA; 2 ea.</p> <p><b>Daughter PCBA</b> 0743-00x –PCBA; 1 ea.</p>	 <p>Disconnect memory devices from units by spreading connector arms and pulling card; 2 ea.</p>

3.9 – Remove Components from Main PCBA

Material removed (P/N & material type)	Instruction visual
<p><b>Memory DIMM</b> 0550-00x –PCBA; 1 ea.</p> <p><b>Main PCBA</b> 0519-00x –PCBA; 1 ea.</p> <p><b>Battery</b> 0310-00x –CR2032, Lithium; 1 ea.</p> <p><b>CPU Heatsink</b> 0749-00x – Aluminum; 1 ea.</p> <p><b>CPU</b> 0551-00x –Intel IC; 1 ea.</p> <p><b>CPU Heatsink Clip</b> xxxx-xxx –Stainless steel; 1 ea.</p> <p><b>CF Card</b> 0750-00x – Integrated PCBA Compact Flash device; 1 ea.</p>	 <p data-bbox="906 1360 1240 1457">Remove CF Card, CPU, CPU Clip, CPU heatsink, Memory DIMM and battery</p>

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3.10 – Remove Fans and Fan Guards from Bottom Chassis

Material removed (P/N & material type)	Instruction visual
<p><b>Fan</b> 0066-00x- Fan assy, 2 ea.</p> <p><b>Fan guards</b> 0761-00x - Steel w/ nickel chrome, 2 ea.</p> <p><b>Screws</b> 0393-00x - Philips flat-head; Steel/zinc, 4 ea.</p> <p><b>Bottom chassis</b> 0648-00x - 18 Ga. EG: 2 ea.</p>	

**4.0 Applicable Documents**

**5.0 Revision History**

REV. NO.	REV. DATE	REVISED SECTION	REASON	ECO#
A	10/10/2005	n/a	Initial Release	0712