



# Firebox V10 De-manufacturing Instructions

Document Number: 480-2524-001

**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.

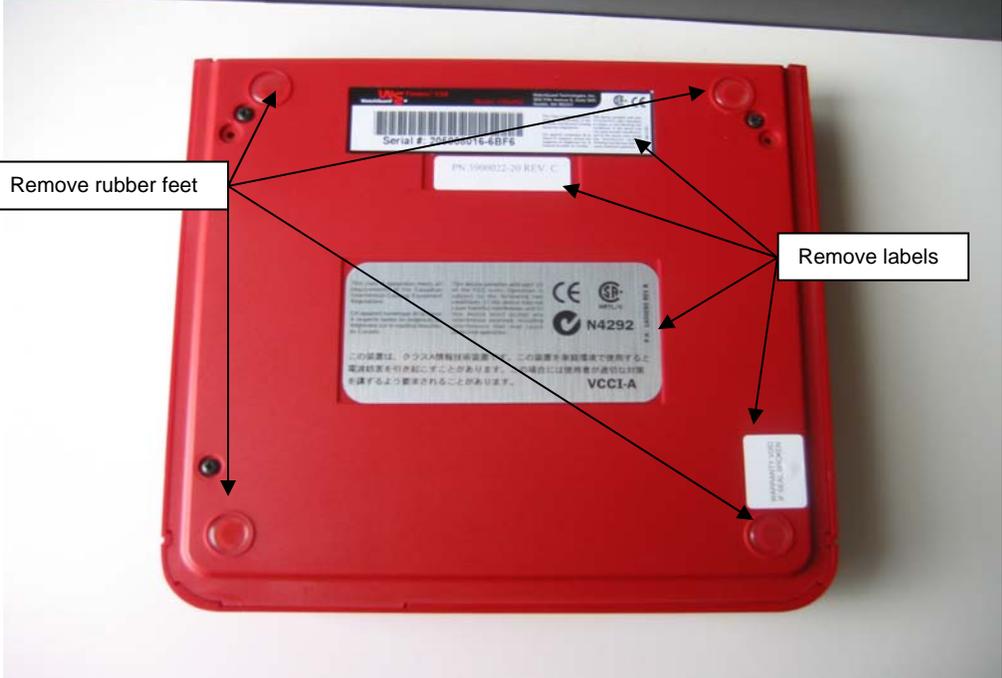
**2.0 Scope**

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

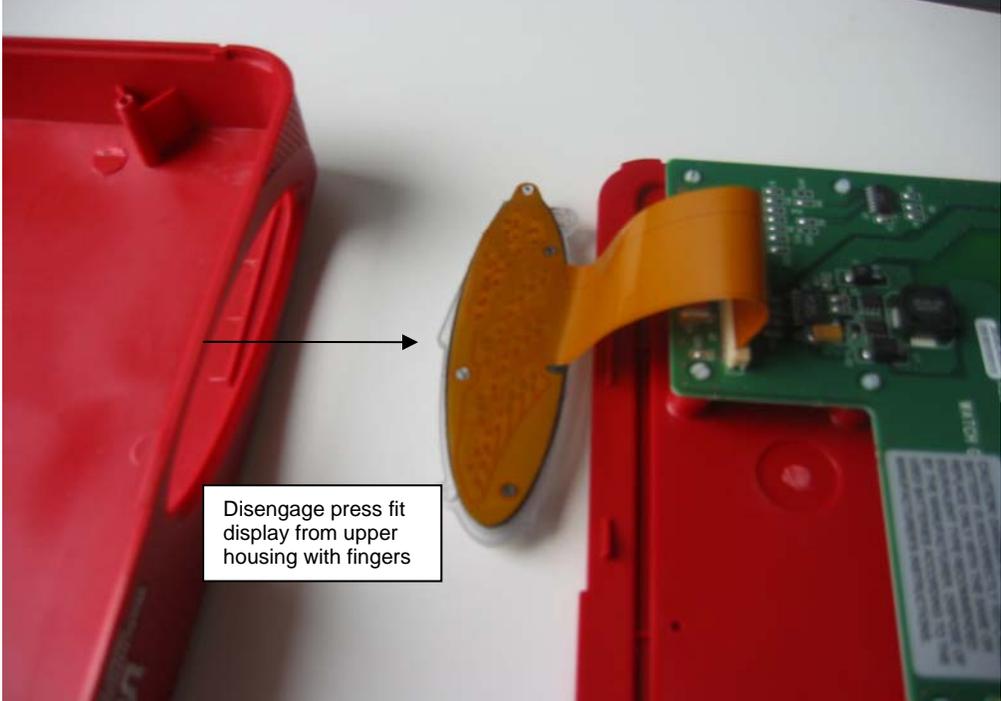
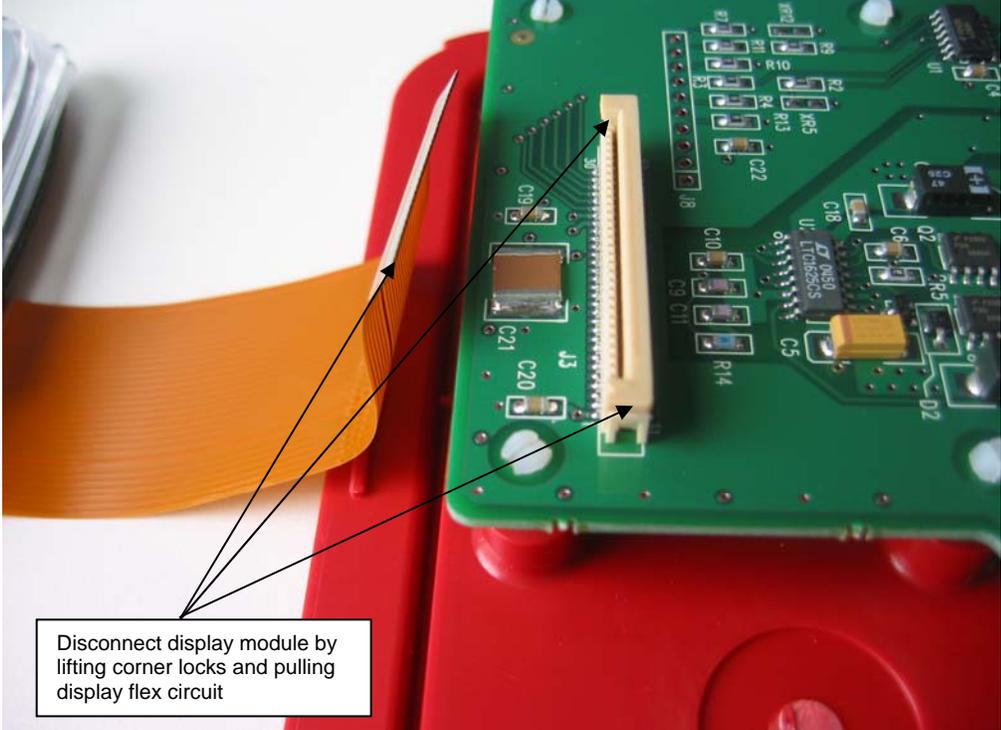
Product Family Name	Family part #'s (not necessarily inclusive)
Firebox V10	<ul style="list-style-type: none"><li>• Firebox V10; all revisions</li></ul>

3.0 **Instruction**

3.1 -Remove labels, rubber feet and screws

Material removed (part Desc or P/N & material type)	Instruction visual
<p><b>Labels</b>                      Cert. label:                      0791-00x– Metalized poly-film                      Warranty void:                      0230-001 - Poly-film                      Serial number:                      0812-00x - Poly-film                      Product UPC:                      0813-00x - Poly-film</p> <p><b>Rubber Feet</b>                      0428-002 - PSA clear; 4 ea.</p>	 <p>Remove rubber feet</p> <p>Remove labels</p>
<p><b>Screws</b>                      0792-001 - Phillips head; steel; 4 ea.</p>	 <p>Remove screws, 4 ea.; one under warranty void label</p>

3.2 –Disengage top from display and disconnect display from Interconnect PCBA

Material removed (part Desc or P/N & material type)	Instruction visual
<p><b>Upper housing</b> 0788-001- PC/ABS FR110</p>	 <p>Disengage press fit display from upper housing with fingers</p>
	 <p>Disconnect display module by lifting corner locks and pulling display flex circuit</p>

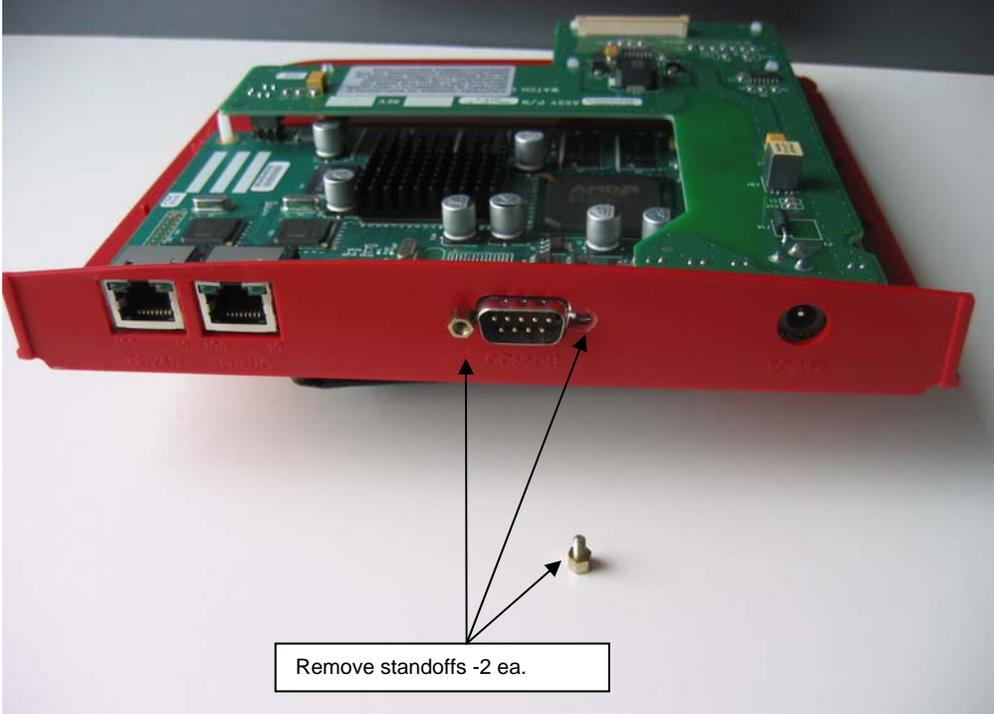
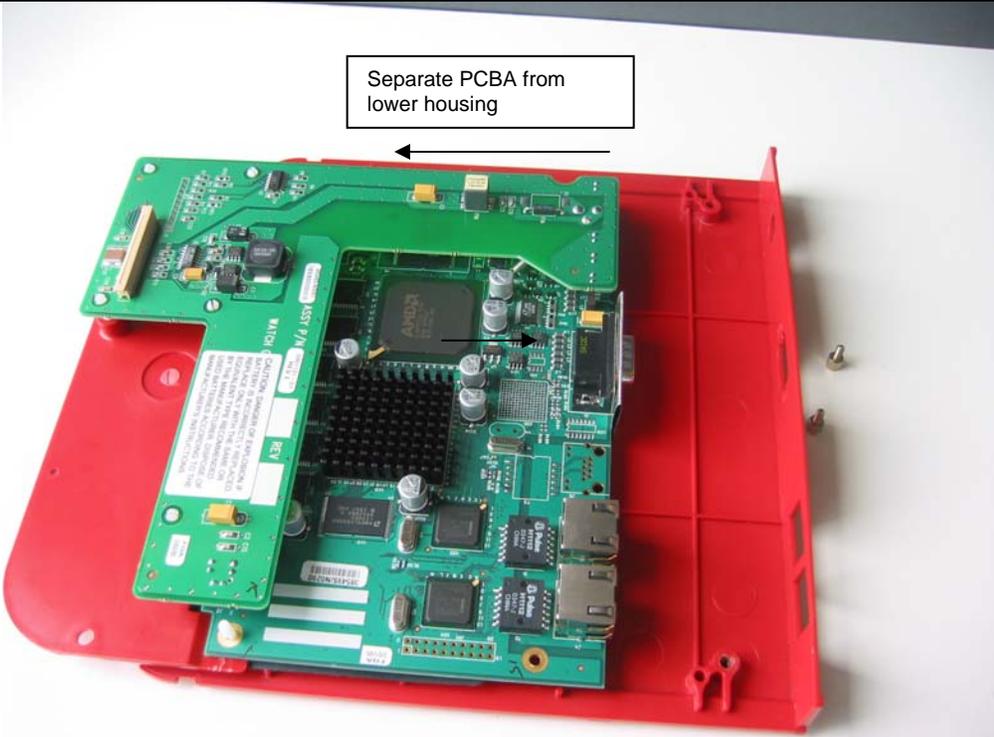
3.3 –Disassemble display module

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Material removed (part Desc or P/N & material type)	Instruction visual
<p><b><u>Flex Circuit</u></b> 0784-001- Flex PCBA with SC42 Neoprene backing</p> <p><b><u>Lens Components</u></b> Lens front 0781-001- Polycarbonate Lightpipe 0782-001- Polycarbonate</p>	 <p data-bbox="1291 856 1528 974">Pull flex circuit with backing from display lens</p>

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### 3.4 –Remove Connector Hex Head Standoffs and separate PCBA Assembly from Lower Housing

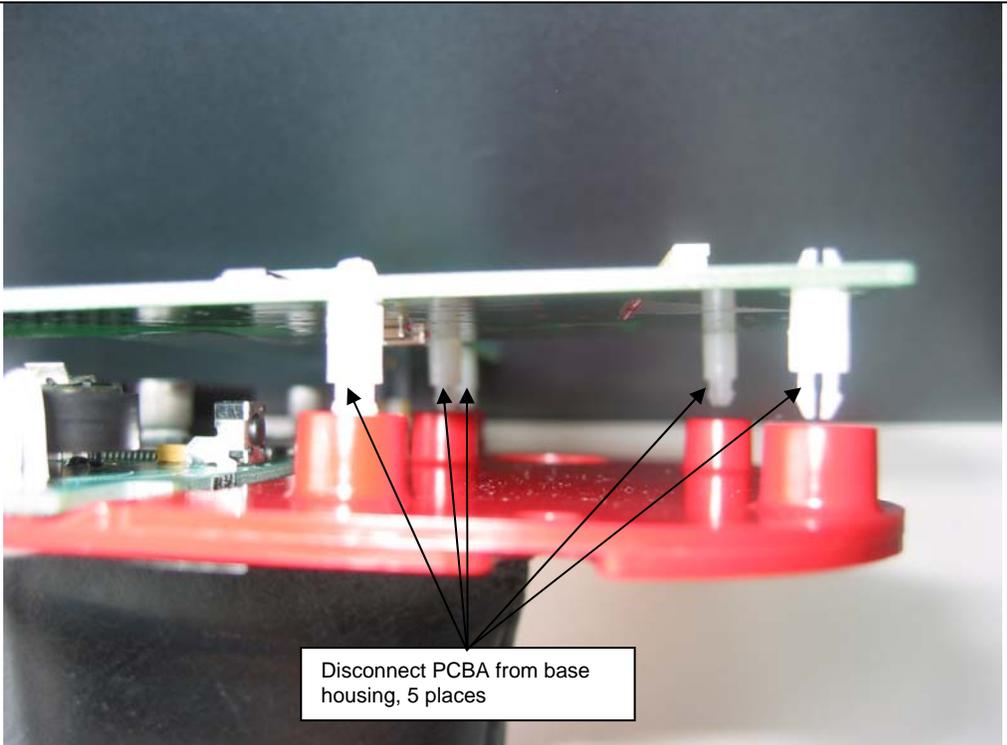
Material removed (P/N & material type)	Instruction visual
<p><b>Stand-offs</b> xxxx-0xx – Hex-head stainless steel; 2 ea.</p>	 <p>Remove standoffs -2 ea.</p>
<p><b>Lower housing</b> 0789-001- PC/ABS FR110</p>	 <p>Separate PCBA from lower housing</p>

### 3.2 –Disconnect PCBA Posts and Remove from Interconnect PCBA

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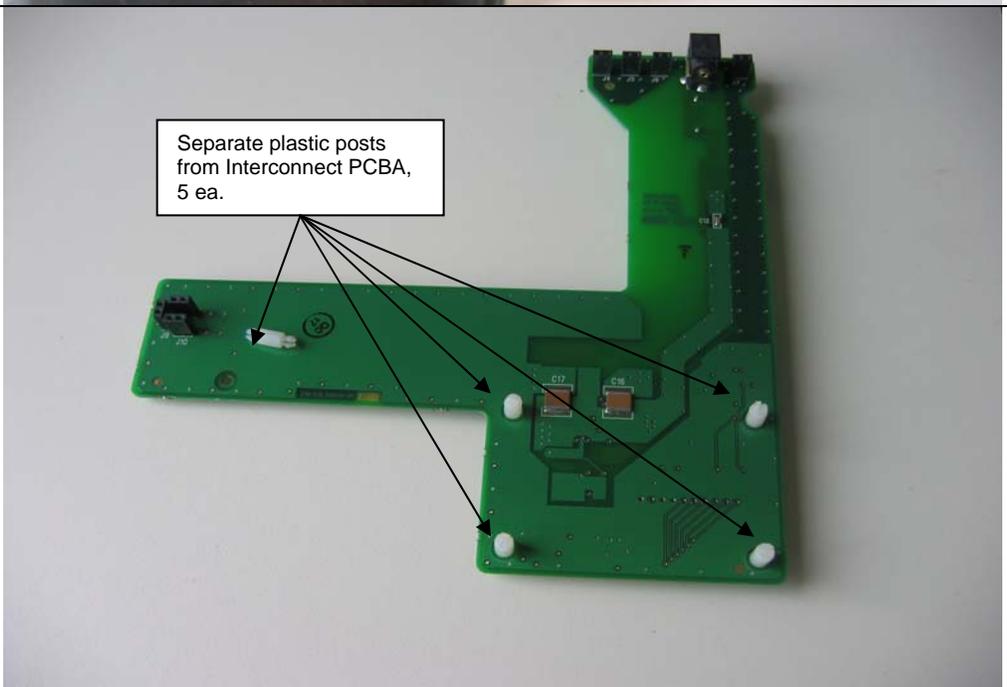
Material removed (P/N & material type)

Instruction visual

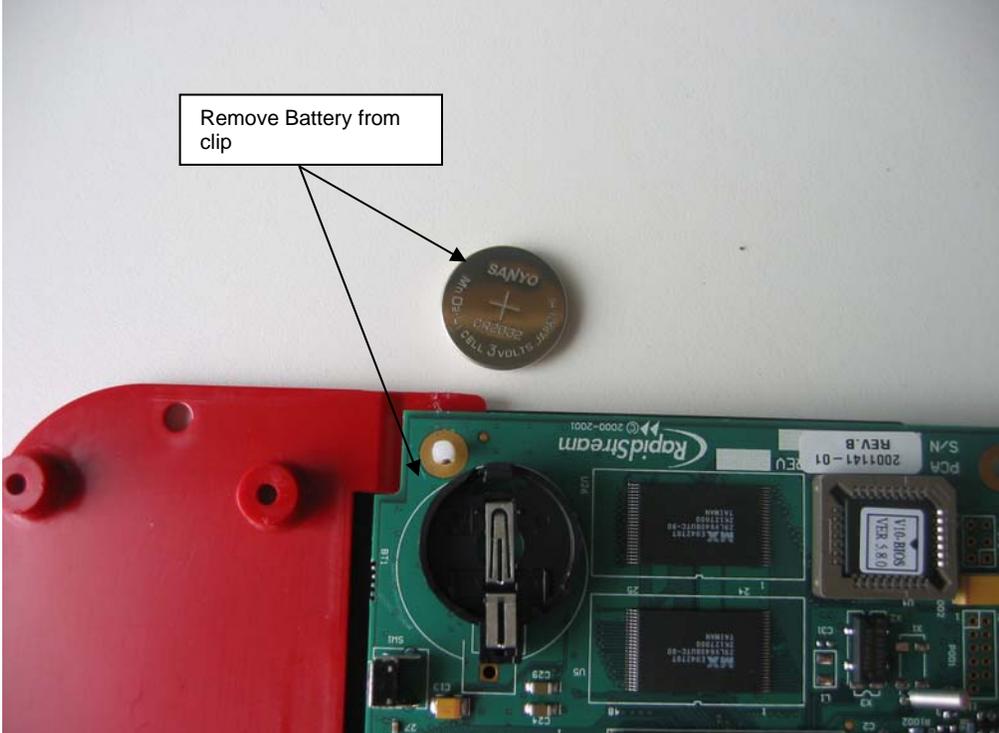


**Interconnect PCBA**  
0774-001- PCBA

**Locking posts**  
0778-001- Nylon; 5 ea.

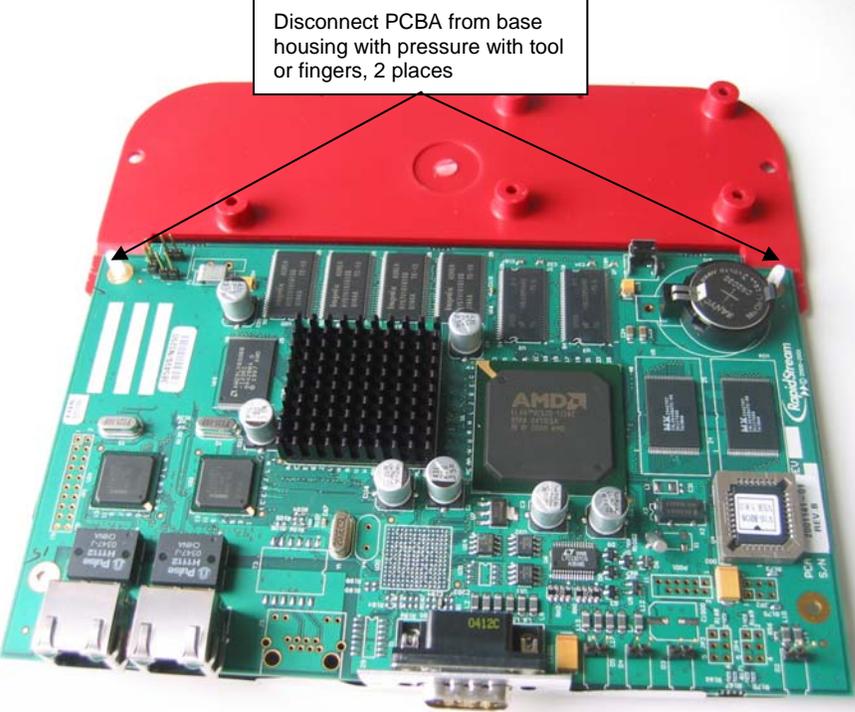
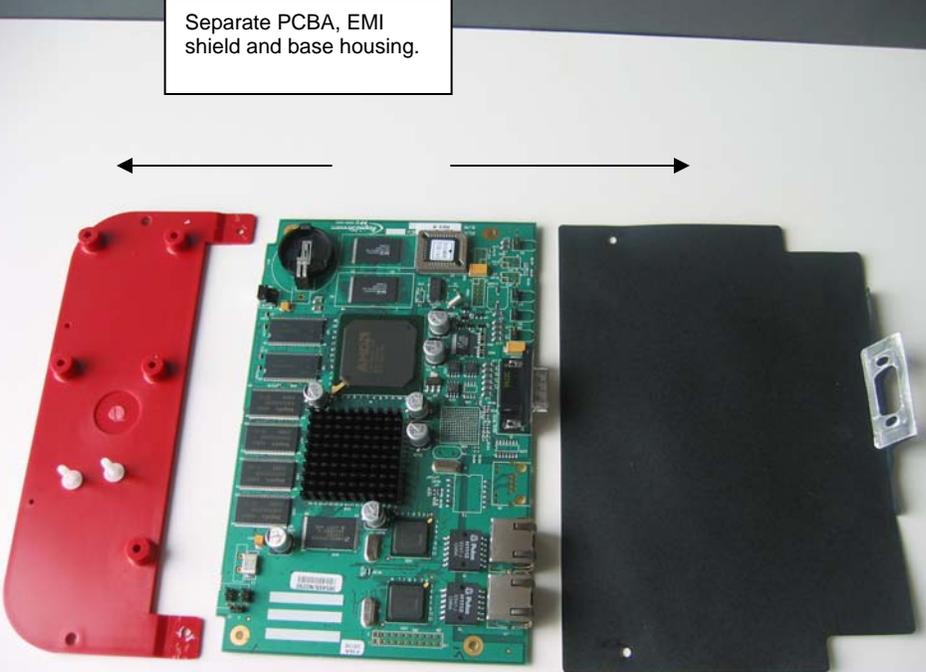


3.3 – Remove battery from Main PCBA

Material removed (P/N & material type)	Instruction visual
<p><b>Battery –coin cell</b> 0301-001– Manganese oxide / Lithium CR2032</p>	 <p>The image shows a close-up of a green printed circuit board (PCBA) with a red plastic component attached. A coin cell battery is being removed from a clip on the board. A callout box with the text "Remove Battery from clip" has two arrows pointing to the battery and the clip. The battery is a Sanyo CR2032, 3V, 20mAh. The PCB has various components, including a microcontroller, memory chips, and a video chip labeled "VID800S VER 5.8.0". The PCB is marked with "RapidStream" and "© 2000-2001". A label on the PCB reads "PCA 200141-01 REV. B S/N".</p>

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**3.2 –Disconnect PCBA Connector and Separate PCBA, EMI Shield and Base**

Material removed (P/N & material type)	Instruction visual
	 <p align="center">Disconnect PCBA from base housing with pressure with tool or fingers, 2 places</p>
<p><b>Main PCBA</b> 0748-001- PCBA</p> <p><b>Locking posts</b> 0776-001- Nylon; 2 ea.</p> <p><b>Base housing</b> 0775-001- PC/ABS FR110</p> <p><b>EMI Shield</b> 0775-001- Metalized EMI paper</p>	 <p align="center">Separate PCBA, EMI shield and base housing.</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