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Title: Unit Disassembly for WEEE			
Document Number / Disk File: 597-786-0204-00	By: Tim Connolly	Current Rev: 0A	Date: 5/24/2010
Assemblies Covered: A-3000R1 (786-0204-XX and 786-0203-XX)			



Revision	Date	ECO #	Revised By	Description of Changes
0A	06/10/10	N1675	T.Connolly	Initial Release

Tools Required:

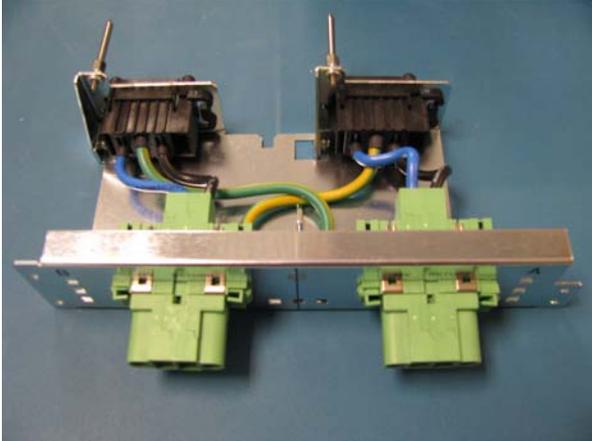
- #2 Phillips Screwdriver
- #1 Phillips Screwdriver
- Wire Cutters

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NOTE : Disconnect any AC Power Cords attached to the power supplies before disassembly of the unit. Removal of power feeds is the only difference in disassembly between an AC versus DC chassis.

1.	<p>Removal of the DC PEMs requires a #1 Phillips screwdriver.</p> <ol style="list-style-type: none"> a. Toggle both PEM breakers to the PASS position after shutting down any installed blades and RTMs. b. Make sure that the power feeds you plan to remove are powered off and cannot be switched on while you are working. c. To ensure that the PEMs are not energized, verify that the LEDs on the front of the power supplies are off. 	
1.	<ol style="list-style-type: none"> d. Loosen the connector fastening screws at both sides of the pluggable screw terminals. e. Remove the pluggable screw terminals. 	

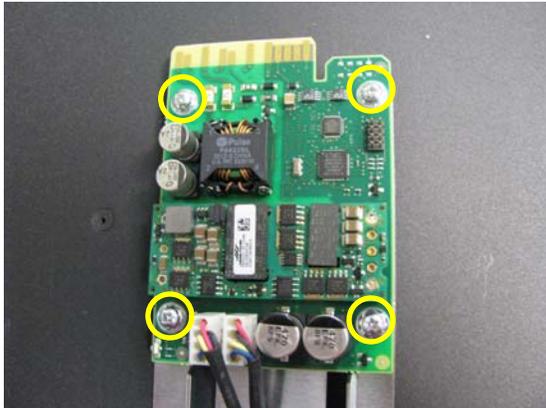
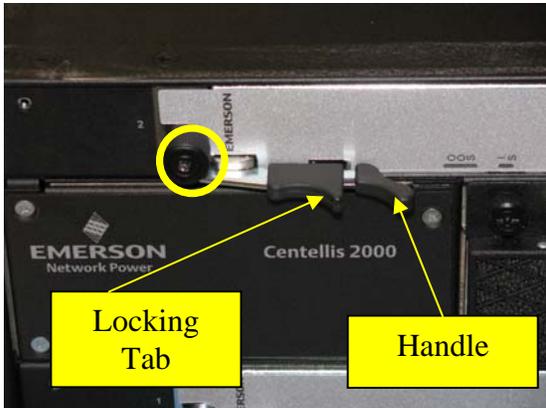
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1.	<p>f. Loosen the two screws at the base of the terminals, and pull out of the power feed wires.</p> <p>g. Discard of the terminal and screws in the appropriate Recycling Bin.</p>	
2.	<p>Removal of the Power Inlet requires a #1 Phillips screwdriver.</p> <p>a. Remove the four screws securing the Power Inlet to the chassis.</p> <p>b. Pull the Power Inlet straight out of the rear of the chassis.</p> <p>c. Discard the Power Inlet and screws in the appropriate Recycling Bin.</p>	
2.		

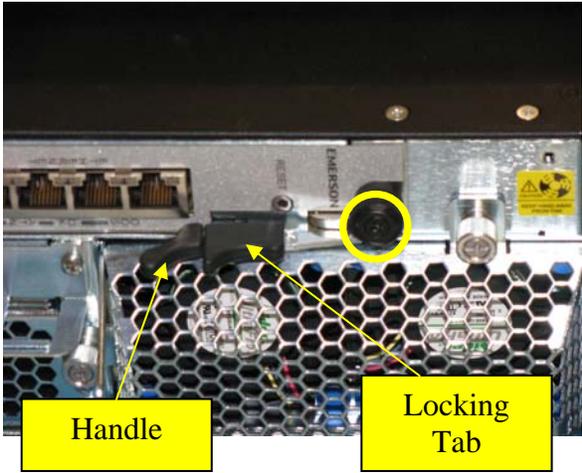
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3.	<p>Removal of the PSUs or PEMs requires a #2 Phillips screwdriver.</p> <ol style="list-style-type: none"> a. Loosen the two (2) screws securing the module to the chassis. b. Pull the module straight out from the chassis. c. Repeat if there is a second module installed. d. Discard the PSUs or PEMs in the appropriate Recycling Bin. 	
3.		
4.	<p>Removal of the front fan tray requires a #2 Phillips screw driver.</p> <ol style="list-style-type: none"> a. Unfasten the three (3) mounting screws of the tray. b. Pull the fan tray straight out of the chassis. 	

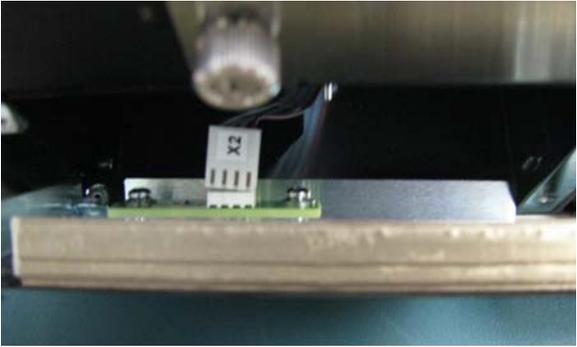
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4.	<p>a. Remove the fan controller board from the tray by removing the fan power wires and the four (4) screws securing it to the tray bracket.</p> <p>b. Lift the controller board straight up off the bracket.</p> <p>c. Discard the Fan Tray, controller board, and screws in the appropriate Recycling Bin.</p>	
4.		
5.	<p>Removal of the Blades or Front Filler Panels (if present) requires a #2 Phillips screwdriver.</p> <p>a. Loosen the two (2) screws securing the blade or filler panel to the chassis.</p> <p>b. For a Blade, squeeze the locking tab towards the handle (on each side of the Blade) and pull the handles away from the chassis to disengage the Blade.</p> <p>c. Pull the Blade straight out of the chassis. Repeat if there is a second Blade installed.</p>	

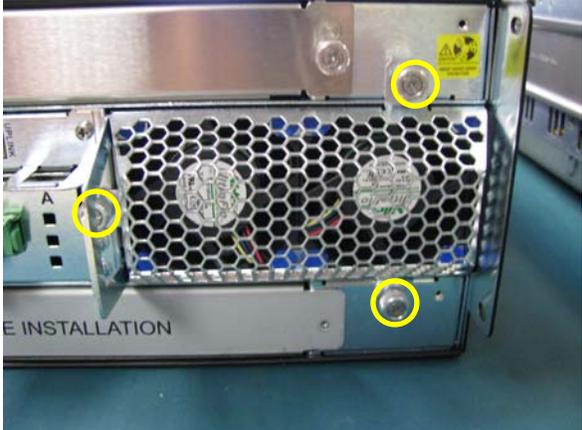
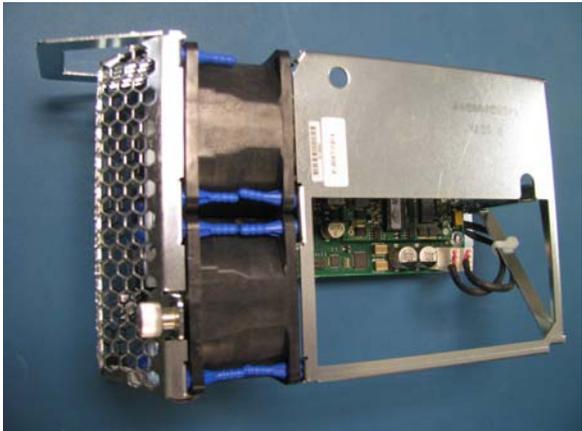
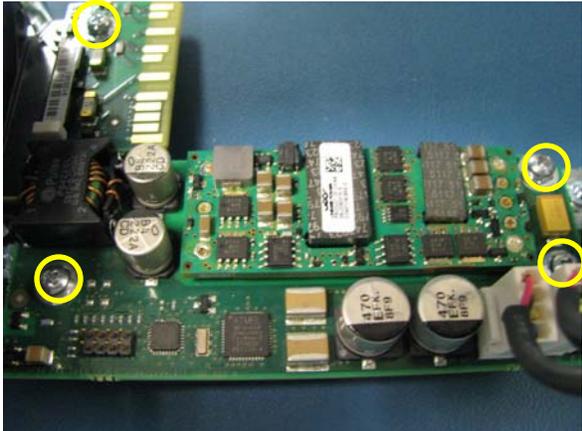
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5.	<p>d. For the Front Filler Panel, slide the Front Filler Panel straight out of the chassis holding onto the screws. Repeat if there is a second Front Filler Panel installed.</p> <p>e. Refer to the Blade disassembly instructions to see if further breakdown is required. Then discard the Blades and/or Front Filler Panels in the appropriate Recycling Bin.</p>	
6.	<p>Removal of the Rear Transition Modules (RTMs) or Rear Filler Panels (if present) requires a #2 Phillips screwdriver.</p> <p>a. Loosen the two (2) screws securing the RTM or Rear Filler Panel to the chassis.</p> <p>b. For an RTM, squeeze the locking tab towards the handle (on each side of the RTM), and pull the handle away from the chassis to disengage the RTM.</p> <p>c. Pull the RTM straight out of the chassis. Repeat if a second RTM is installed.</p>	
6.	<p>d. For the Rear Filler Panel, slide it straight out of the back of the chassis. Repeat if a second Rear Filler Panel is installed.</p> <p>e. Refer to RTM disassembly instructions to see if further breakdown is required. Then discard the RTM(s) and Rear Filler Panel(s) in the appropriate Recycling Bin.</p>	

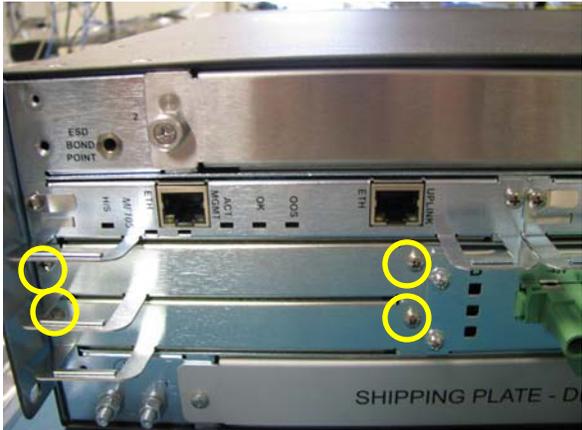
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7.	<p>Removal of the Alarm Panel requires a #1 Phillips screwdriver and wire cutters.</p> <ol style="list-style-type: none"> a. Remove the four (4) screws securing the Alarm Panel to the chassis. b. Pull the Alarm Panel off the front of the chassis and disconnect the cable attached to it. c. Clip the tie wraps securing the cable to the chassis, and disconnect the cable from the rear interface board. 	
7.		
7.	<ol style="list-style-type: none"> d. Remove the two (2) screws securing the Alarm Panel PCB to the bracket, and lift off. e. Discard Alarm Panel PCB, bracket, cable, tie wraps, and screws in the appropriate Recycling Bin. 	

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8.	<p>Removal of the Rear Fan Tray requires a #2 Phillips screwdriver.</p> <ol style="list-style-type: none"> a. Loosen the three (3) screws securing the tray to the chassis. b. Pull the tray straight out of the rear of the chassis. 	
8.	<p>Removal of the Rear Fan Tray requires a #2 Phillips screwdriver.</p> <ol style="list-style-type: none"> c. Remove the two fan cables from the rear fan controller board. d. Remove the four (4) screws securing the rear fan controller board to the tray, and lift the board off the tray. e. Discard the Rear Fan Tray, rear controller board, and screws in the appropriate Recycling Bin. 	
8.		

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9.	<p>Removal of the Shelf Manager(s) requires a #1 Phillips screwdriver.</p> <ol style="list-style-type: none"> a. Remove the two (2) screws securing the Shelf Manager to the chassis. b. Pull the Shelf Manager straight out the back of the chassis. Repeat if a second Shelf Manager is present. c. Discard the Shelf Manager(s) and screws in the appropriate Recycling Bin. 	
10.	<p>Removal of the User Card(s) or User Card Filler Panles requires a #1 Phillips screwdriver.</p> <ol style="list-style-type: none"> a. Remove the two (2) screws securing the User Card or Filler Panel to the chassis. b. Pull the User Card or Filler Panel straight out the back of the chassis. Repeat if a second card or panel is present. c. Discard the User Card(s) and/or User Card Filler Panel(s), and screws in the appropriate Recycling Bin. 	

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Recycling/Material Code	Important Information
Material /Components, which must be removed and treated separately	
Lithium Battery	Battery free of hazardous substances, installed in socket on the motherboard
Printed circuit boards	Blade, Front Fan Tray Controller Board, Rear Fan Tray Controller Board, Alarm Panel Board, Power Supply, Backplane, Shelf Manager, & Rear Interface Board
Material /Components, which can disturb certain recycling processes	
Copper	None
Material /Components, through which benefits can normally be achieved	
Cold Rolled Steel	Front Fan Tray, Rear Fan Tray, Alarm panel bracket, & Chassis
* ABS	None
Cables	Distributed in device & power cord
Fans	Front Fan Tray & Rear Fan Tray
Special notes	
* Flame retardant of plastics do not contain PBB and PBDE.	

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Annex A

Producer:	<company name, other on addressing the producer>
Scope of information sheet:	< product category as in Annex IA of WEEE Directive, or type of equipment as in Annex 1B of WEEE Directive, or producer's Product Family, or single products identified by brand and model name >

Component or Material	Remarks / Location
Battery (internal *) containing Mercury (Hg)/ NiCad/Lithium/ Other	Lithium battery ↓ located on the motherboard
Backlighting lamps of LCD/TFT or similar screens containing Mercury (Hg)	NONE
Mercury (Hg) in other applications**	NONE
Cadmium**	NONE
Gas discharge lamps	NONE
Plastic containing brominated flame retardants other than in Printed Circuit Assemblies ***	NONE
Liquid Crystal Displays with a surface greater than 100 cm ²	NONE
Capacitors with PCB's	NONE
Capacitors with substances of concern**** + height > 25 mm, diameter > 25 mm or proportionately similar volume	NONE
Asbestos	NONE
Refractory ceramic fibres	NONE
Radio-active substances	NONE
Beryllium Oxide	NONE
Other forms of Beryllium	BE-CU in some connector contacts ↓
Gasses - which fall under Regulation (EC) 2037/2000 and all hydrocarbons (HC).	NONE
Components with pressurised gas which need special attention (Pressure > 1,5 bar) *****	NONE
Liquids ***** if volume > 10 cl (or equivalence in weight, e.g. for PCB, oil...)	NONE
Mechanical components that store mechanical energy (i.e. springs) or equivalent parts which need special attention ***** (diameter > 10 mm and height > 25 mm or proportionally similar volume and expanding)	NONE
PBDE (deca- & octa-BDE) and Perfluorocatane sulfantes (PFOS) in Directive 2006/122/EC	NONE

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↓ = arrow indicates the need for the location of the compartment/ substances within the product. When the location of a substance/ components is requested, it is at part level, e.g. main board, housing etc

* Internal means that batteries can only be removed by opening the product by means of (a) tool(s).

** Substances are considered to be in the product if present above the levels specified in Commission Decision 2005/618/EC related to Directive 2002/95/(EC) (RoHS Directive) or if their use is permitted through exemptions in the Annex of Directive 2002/95(EC)

*** To be coherent with industry current standards and practices on tracking of plastic parts, Directive 2002/96 (EC) Annex II requirement is understood to focus on plastic parts that weight more than 25 g.

**** Substance of concern other than PCB, to be specified/ addressed further in the context of Directive 2002/96 (EC) Annex II national requirements and European developments

***** Needs of equivalent nature as those for maintenance, service manuals and installation for safety purposes.