



SERVICE BULLETIN

#20545747

DATE: 9/8/2011

MODELS: All Eclipse Concentrators

ISSUE: PM FAN operation during Routine Service

NOTES: Effective immediately, a verification procedure has been implemented for all Eclipse concentrators which requires that the Power Manager Board (PMB) Cooling Fan be verified as operational and that the Cooling Fan wiring be verified for proper operation and security during any routine service, inspection, or for any other reason that the device is opened. The following are the specific steps during the repair process while the Eclipse is opened at any Authorized Service Center worldwide:

- After a Service Center Eclipse repair;
- Prop the Front Cover up under the Rear Cover (Figure 1).
- Attach the AC power supply to the Electrical Connector on the side of the Eclipse, ensure the Power Verification LED is "ON" the front membrane panel.
- Turn the Eclipse "ON"(hold On/Off button approx 3 seconds)
- VERIFY - the Power Manager board's Cooling Fan is activated and spinning smoothly. (Figure 2)
- Wiggle the wiring during the Cooling fan operation to verify the connection is secure, and the Cooling Fan does not stop operating.
- If you can hear the Cooling Fan Whining or see that it is stopping intermittently during a normal "ON" operation, then replace the Cooling Fan.
- See Figures #1 and #2 below for reference.

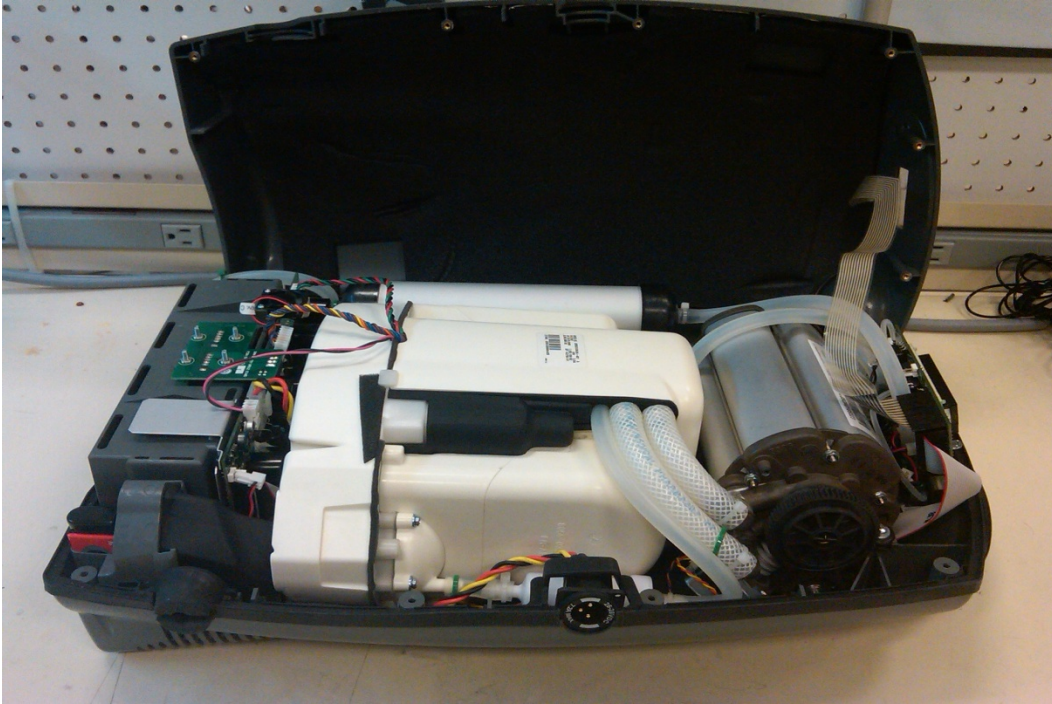


Figure 1 - Prop open the front cover

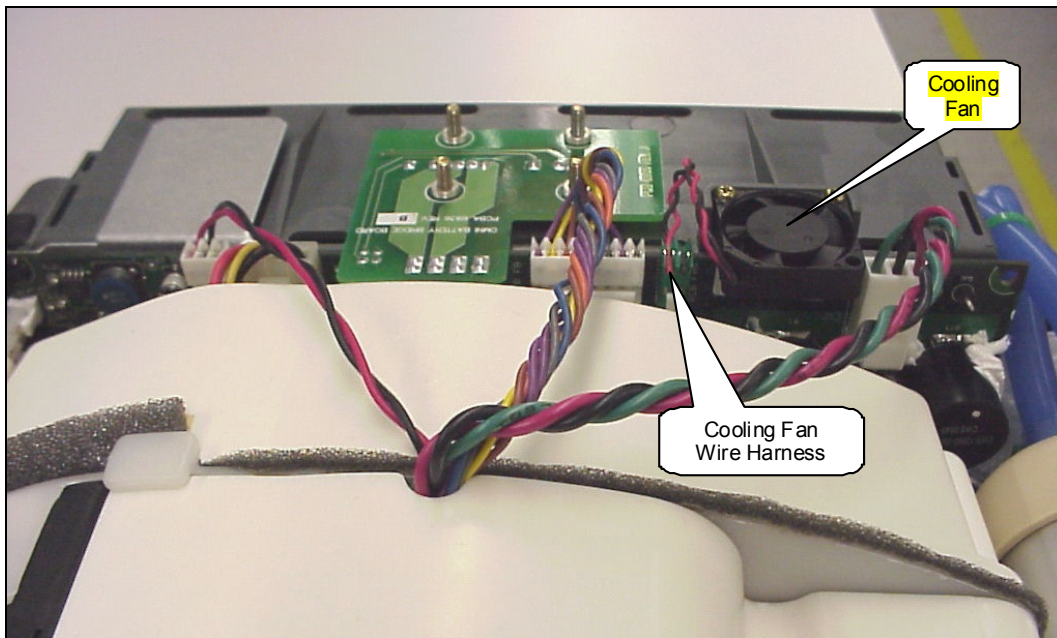


Figure 2 - Eclipse Cooling Fan

- 1) Check Cooling Fan for proper operation.
- 2) Wiggle Cooling Fan wiring and check for continued proper operation.
- 3) Close the Eclipse and ensure you still hear the Cooling Fan operating properly.

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