
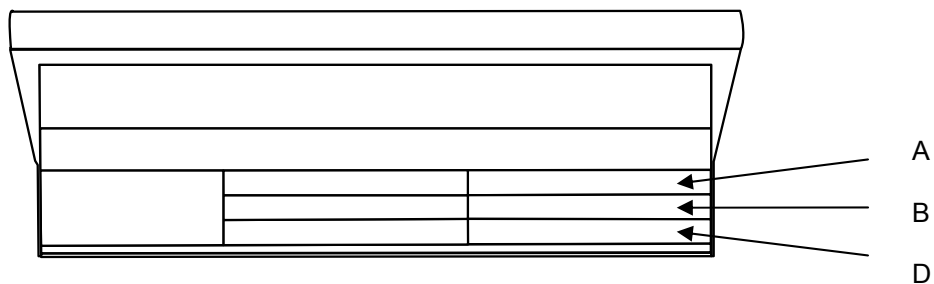


**Aim:** To replace the surface cooling fan.

**Tools:**  T10, T15, T20.  5.5mm

**Requirements:**  Assistant required.

**1. Remove modules or blanks from slots A, B & D. Service document 2.10**



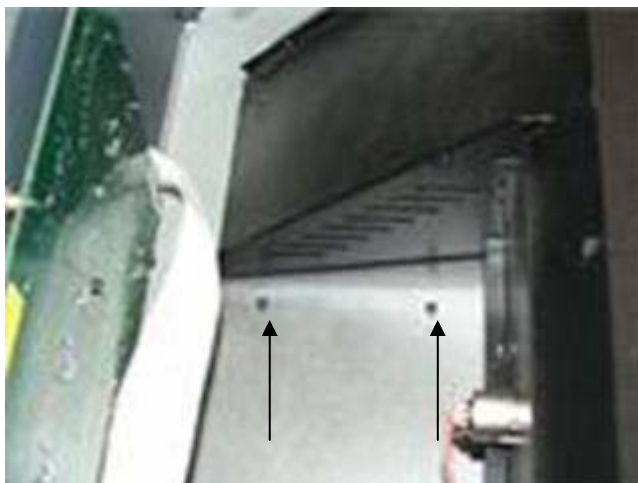
**2. Remove the base panel. Service document 3.02**

**3. Remove lower two T15 screws that secure the card guide.**



**4. Open the upper processor panel. Service document 2.02**

5. Remove upper two T15 screws that secure the card guide



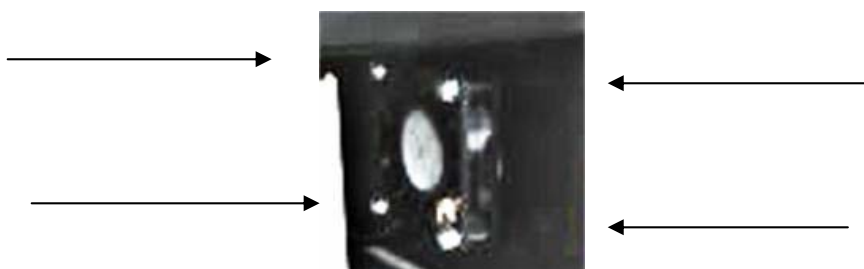
---

6. The card guide can now be withdrawn

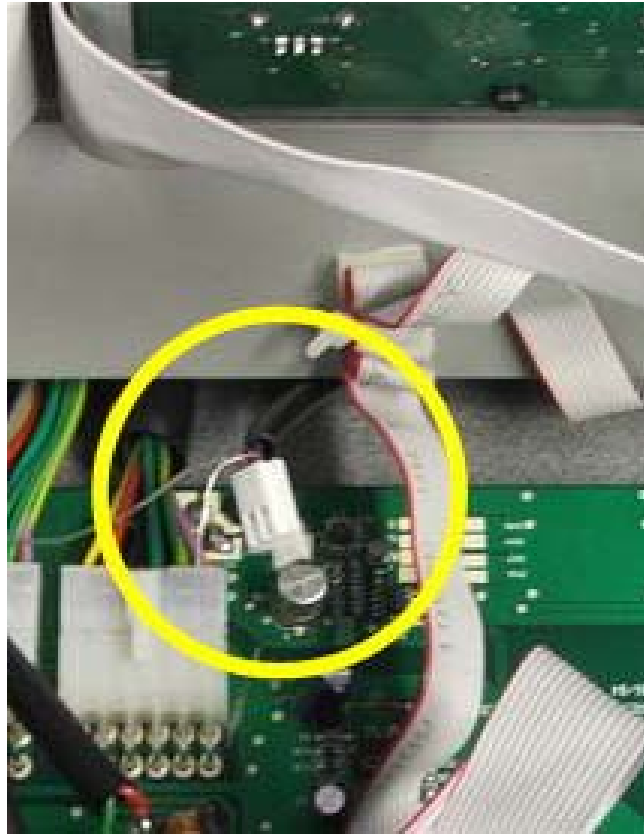


---

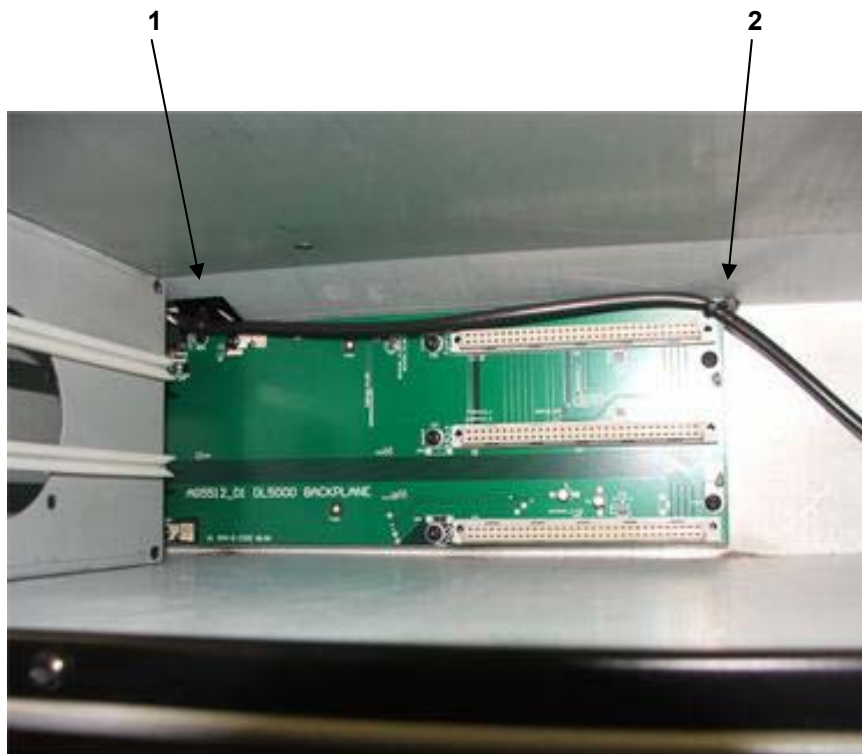
7. Remove 4x 5.5mm nuts and T20 screws from the fan housing



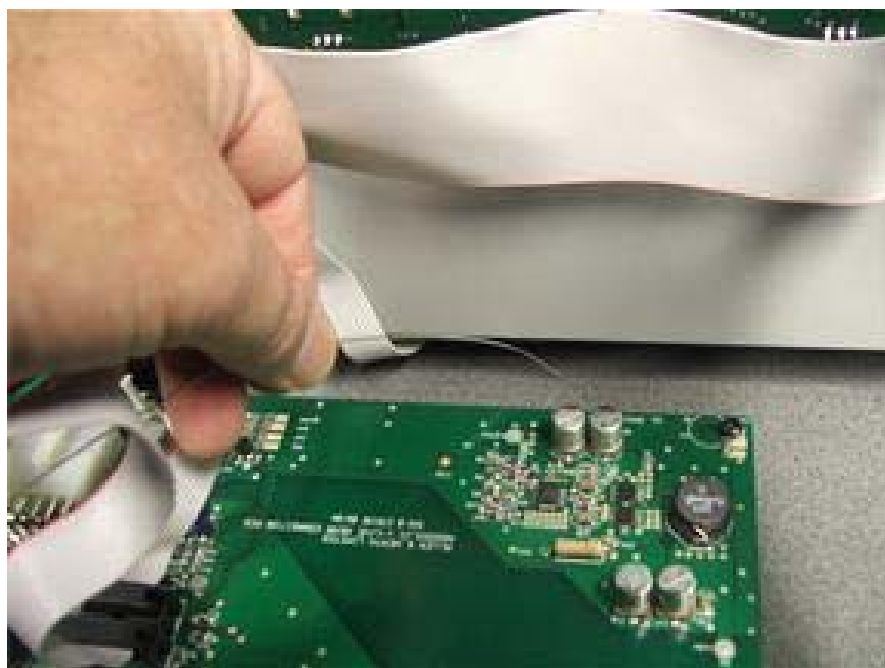
8. Disconnect the fan DC cable from the rear connector PCB



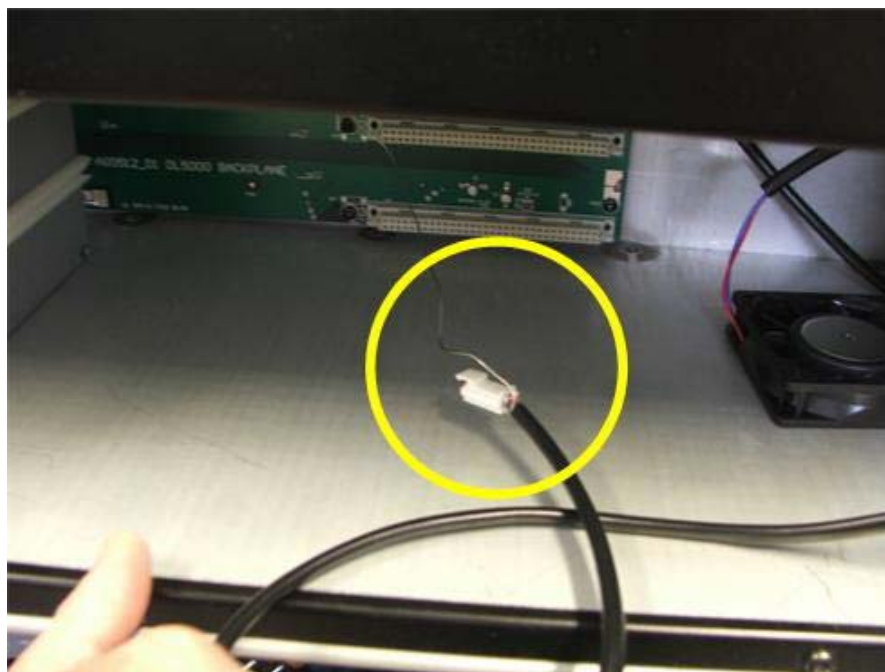
9. Cut two cable ties 1 & 2 and withdraw the fan and cable from the iLive



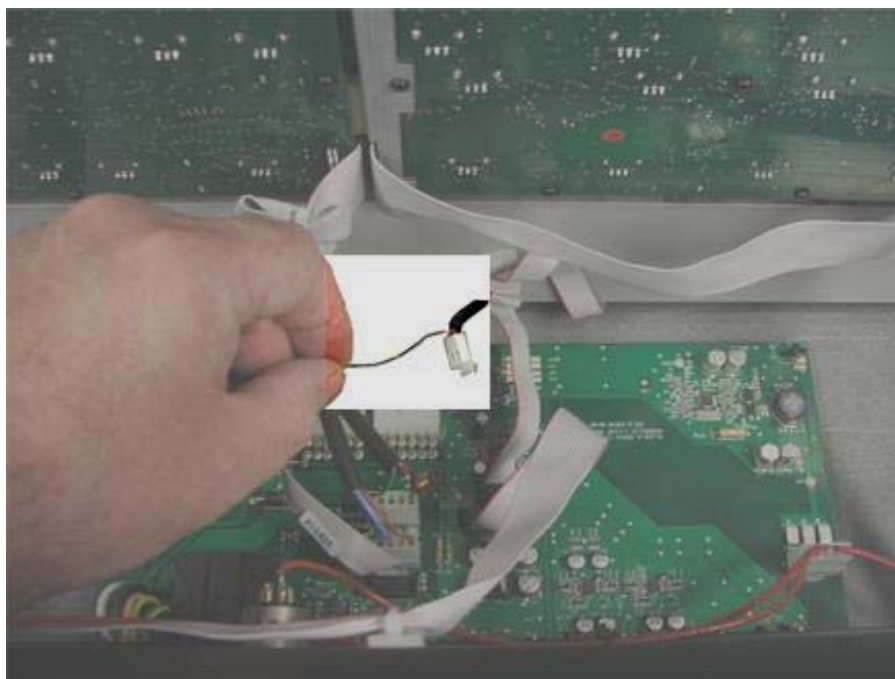
10. Thread a length of solder wire down through the fan DC cable hole in the chassis



11. Attach the solder wire to the DC cable on the replacement fan



12. Use the solder wire to pull the DC cable through the hole

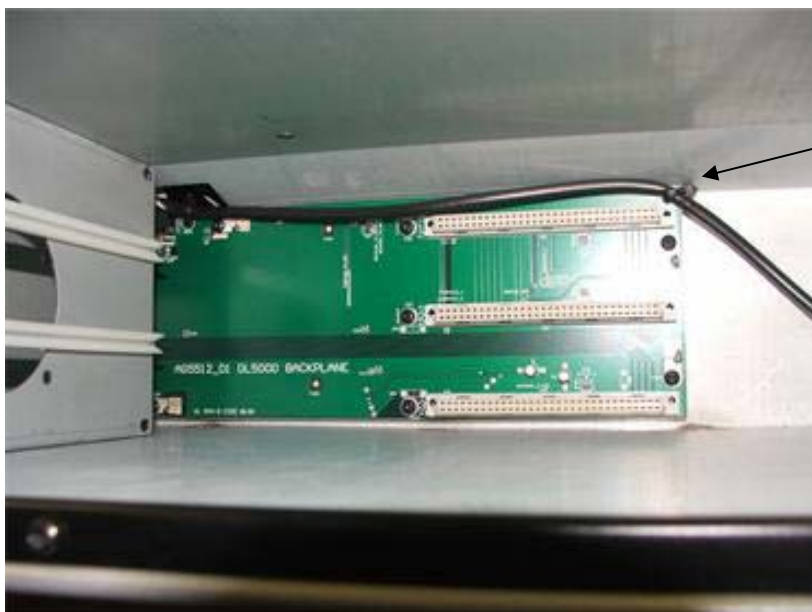


---

13. Connect fan DC cable to rear connector PCB

---

14. Fit a cable tie at position 2 (it is not possible to fit a cable tie at position 1)



**15. Fit the replacement fan 4x bolts and screws**

**16. Fit the card guide**

**17. Close the upper processor panel**

---

**18. Fit the i/o modules or blanks in slots A, B & D**



Orientation of blank module

---

**19. Replace base panel**