

NOTE: This change is factory installed in the Paragon,
effective with S/N 585-395.

This modification provides recharging voltage at a 3ma rate while the Paragon is turned on. When the Nicad battery is fully charged it will power the memories for approximately 150 hours. Having the Paragon powered up for 3 to 4 hours per week should keep the battery adequately charged. After modification, a standard 9v battery can still be used.

PROCEED AS FOLLOWS;

1. Remove all power from the Paragon.
 2. Remove top cover.
 3. Remove memory back-up battery, if installed.
 4. Locate (to the right of the battery holder) the logic board, P/N 81267.
 5. Remove the RAM-ROM-RTC board from the card edge connector. Also remove accessory boards if installed.
 6. Locate diode D-21 on left rear of the circuit board. See illustration on the back of this sheet.
- CAUTION. Both the PC board and the diode can be damaged by excessive heat. Use a soldering tool rated at 25 to 40 watts, with a small tip. If you are not experienced in PC board soldering, enlist the aid of someone who is experienced.
7. Parallel D-21 with a 2.2k ohm, 1/4 watt resistor by soldering the leads of the resistor to the leads of the diode.
 8. Re-install the boards.
 9. Install battery and connect battery lead connector to board mounted connector marked "+9v", adjacent to D-21.
 10. Replace top cover. If the Nicad battery is not fully charged, leave the Paragon turned on for 8 hours.

TP1
 U3
 Raw/Rob ED
 Prep
 Lowton

32.768 kHz

