

## NiCd Force Battery Watering Sequence

1. Ignition key off.
  2. Plug in "Maintenance Charge" connector.
  3. Plug in vehicle (green goes off, Red 1 & 2 ON).
  4. Normal charge (~3kW, stepping down to ~1.5kW) until Ah meter reads 0.
  5. Maintenance charge, 5 hours @ 10A (NOT TO BE INTERRUPTED!!)
  6. Get water and hose \*ready\* but DON'T WATER YET!
  7. 2 hoses in rear (with barbed connectors) + 1 in front (hose connects \*inside\* the hose in the front box).
  8. Put water tank on roof (on a cloth) at rear and then on roof at front (and test water flow when valve is on).
  9. When batteries finish the maintenance charge, red 3 comes on, so red 1, 2 and 3 are all ON.
  10. 30 minutes pass for battery cooling.
  11. 2 minutes overcharge (red 1, 2 and green ON).
  12. "resting" state (red 1, 2, 3 and green all ON).
- [repeat 11 and 12 for 72 hours]
13. While in the "resting" state connect the "Watering Confirmation" connector (green goes OUT).
  14. Remove "Watering Confirmation" connector .
  15. Unplug vehicle (red 2 may stay on if cooling system running).
  16. WATER BATTERIES! Water all three strings as close together as possible.

npc - 31st October 2006