

TurboStart 16 Volt Wet Battery Charger Modification

This will convert the following charger for use with Turbo Start AGM Series non-spillable 16 Volt Racing Batteries.



Instructions should be read entirely before starting the modification. If installation is not performed properly permanent damage to the charger may result.

If you would like additional information on the following modification or need to order a replacement chip, please contact Brian Turk at Axion Power Battery Manufacturing, 1-877-324-9300.

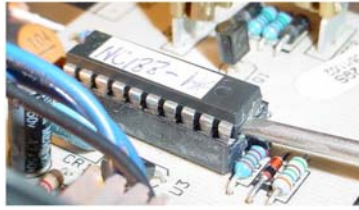
1. Unplug the charger.
2. Disconnect the leads from any battery.
3. Remove 6 screws from each side of the charger and 1 screw from the top of the charger.
4. Lift the cover off of the charger.
5. Position the charger on its back.
6. Looking in from the top of the charger the chip is located on the circuit board which is attached to the back of the charger.
7. **Note the direction of the notch on the end of the chip.**

Notch



8. The new chip must be installed with the notch in the same location as the old chip.
9. Carefully remove the old chip from the socket by inserting a small screwdriver **between** the chip and the socket , pulling the chip out of the socket. Make sure you are removing the chip from the socket and

not prying the socket off of the board.



Screwdriver Location

10. After the old chip has been removed, place the new chip on top of the socket with the notch facing in the proper direction. Ensure that all of the pins will slide into the connectors on the socket. The pins may need to be bent slightly to ensure that all 20 pins are properly aligned.

Socket with chip removed

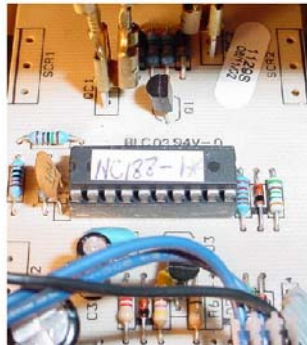


Empty socket



Pin Alignment

11. Once all of the pins are aligned gently push the chip into the socket.



Installed Chip

12. Ensure that the chip is pressed completely into the socket and all 20 pins are inserted into the socket properly.
13. Replace the cover and reinstall the 13 screws.