

SERVICE BULLETIN

Charger Not Turning Off

Model #: All

Date: 01/08/2008

AFFECTED TRUCKS: Equipped with Signet HB or HBS model charger.

The Signet charger has a built in battery maintenance function. This function is intended to keep the battery charged if the vehicle is stored for an extended period.

After a charging cycle is complete, the charger continues to monitor the battery voltage. If the voltage drops below a threshold voltage, the charger will restart and run through a normal cycle.

The current maintenance function parameters are:

- Restart voltage: 2.08 volts per cell.
- Time delay: None.

This means that the charger will restart immediately after the battery voltage drops to the Restart Voltage.

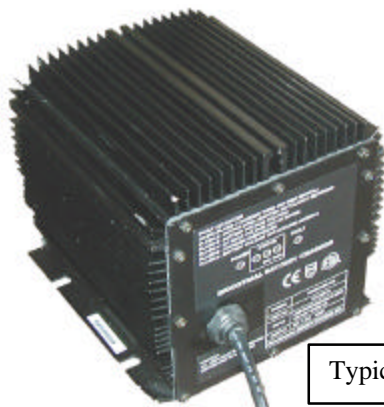
If one or more cells in the battery pack are faulty or weak, the full charge battery voltage may drop significantly after the charging cycle has terminated.

There have been isolated reports of the symptom “Charger not turning off” that has been linked to the charger restarting due to weak or faulty batteries. Since the charger was still on after one or more days, the operator assumed that it had never turned off. In actuality, the charger had restarted after completing at least one cycle.

If you suspect that the charger is not shutting off or is running too long, then the batteries and charging cycle should be tested before replacing the charger.

Refer to the vehicle service manual for procedures to test the batteries and charging cycle.

WARRANTY INFORMATION: No warranty allowance.



Typical Signet Charger