

TECHNICAL SERVICE BULLETIN

To: All Dealers and Service Centers

From: Minuteman Technical Support

Date: 01/29/2010

Subject: TSB for ECN PR09-0507 – The 957760 and 957761 Charger Fault Codes

957760 and 957761 Charger Fault Codes

RED LED BLINKS ONCE AND REPEATS: OUTPUT CONNECTION ERROR.

1. Check for loose or corroded connections between the charger and the batteries.
2. The output may be shorted due to improper connection to the batteries or pinched wires.
3. The output may be connected in reverse polarity to the batteries.
4. The battery voltage may be too high (higher than a 24V battery pack). This condition can also occur, if the charger is restarted immediately after charging. Allow batteries to cool down before restarting the charger.

Note: The charger is not damaged by any of these problems except when connected to batteries totaling 48 volts or more.

RED LED BLINKS TWICE: CHARGER HAS TIMED-OUT

The charging progress timer has elapsed before charging was complete and charger has stopped charging. Possible causes:

1. The batteries are extremely discharged – Unplug the AC cord connection for 30 seconds minimum. Let batteries cool down if hot. Reconnect the AC cord to start a new charge cycle.
2. The electrolyte is low in one or more cells – Correct by adding distilled water.
3. Batteries are weak, old, or have one or more bad cells. Batteries will still charge but capacity will be reduced. Replace the batteries, if needed.
4. If batteries are new, the batteries may need to be conditioned by charging and discharging them. Some batteries may need to be cycled several times in order to condition them to their full potential.

For further assistance, questions, or comments contact Technical Support at 800-982-7141 (USA)