TO: AUTHORIZED portable electric tool SERVICE STATIONS  
factory SERVICE / SALES SUPPORT BRANCH  

DATE: January 2008  

TOOL(S) \ PRODUCT(S) AFFECTED: 2401-20 12.0V Li-Ion Compact Driver  
48-11-2401 12.0V 1.4Ahr Li-Ion Battery Pack, 48-59-2401 12.0V Charger  

SUBJECT: 48-59-2401 Charger - 48-11-2401 4V Li-Ion Battery Pack Troubleshooting -  
Flashing RED and GREEN LED’s  

LIGHT INDICATORS - LED indicators light when a battery pack is inserted into  
the Charger, these LED’s will indicate the following conditions:  

- RED LED light on Charger illuminates continuously - Battery Charging  
- GREEN LED light on Charger illuminates continuously - Battery Charged Complete  
- RED LED light on Charger flashing - Battery is too hot or too cold - Charging will begin  
automatically when battery reaches correct charging temperature - if determined not to be too hot  
or cold and both RED & GREEN LED’s flash simultaneously see “Flashing  
RED and GREEN LED”  

- Flashing RED and GREEN LED’s* - Damaged or faulty battery  

NOTE: * when battery pack is first inserted and after 3 - 5 seconds the RED and GREEN LED lights on Charger begin  
flashing simultaneously* proceed as follows:  

A. check to determine if battery pack was firmly seated in charging port.  
B. remove battery pack from Charger; RED and GREEN LED’s continue to flash simultaneously - unplug the Charger  
from the power source - required to reset Charger PCB circuitry. LED’s should stop flashing within 7 - 10 seconds.  
C. after RED and GREEN LED’s are no longer flashing, re-plug Charger power cord into ‘live’ 120VAC and reinsert  
the battery pack into the Charger...  

- if RED LED lights and stays continuously red the battery pack is charging. Battery Pack is OK - Good.  
- if RED and GREEN LED’s once again begin to flash simultaneously the battery pack is damaged or faulty  
and will need to be replaced. Remove the battery pack from the Charger and unplug the Charger from the  
120VAC power source - required to reset Charger PCB circuitry.  

This bulletin is for informational purposes. PLEASE NOTE ON SERVICE PARTS LIST: 54-04-2400, 54-42-2400