



Technical Note TN-643
**Changes to T3002
Fast Charger Contacts.**

26th October 2000

Applicability

This Technical Note only applies to the T3002 Fast Charger contacts that are currently being produced and are currently being used in the field.

1. Information.

Details

Reports from the field indicate that the T3002 charger pins are becoming bent over time. There is already a technical note in place detailing how to replace the charger contacts (TN-526), but it has been deemed necessary to develop a method of preventing the charger pins from bending at all.

When the pins in fact bend, they lose the ability to 'spring' back into its original position. The contacts then don't have connection to the battery contact next time the battery is charger.

If there is no contact between the charger and the battery, the charger will either indicate a faulty battery, or the battery will not get charged correctly.

2. Modification.

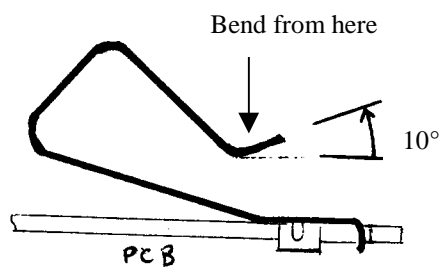
Details

Tait Mechanical engineers investigated the issue. It was reported that the end of the charger contact itself was getting snagged / caught on the gold rivet holding the charger contact in place.

The Mechanical team decided to make a modification to allow the end of the charger contact to slide over the gold rivet, thus preventing any snagging.

The modifications instructions are as follows:

- Take the existing T3002 charger contact and bend (using bull nose pliers) the indicated end up by 10°.



CSO's: Please inform any of your dealers who perform repairs to the T3002 charger contacts. Also inform Tait Sales and Technical personnel of the changes.

3. Issuing authority

Name and position of issuing officer

Barry Crates
T2000 & T3000 Customer Support Engineer