

Date: 03/10/04

Log #: TS-0402

## 9p23 RACK CHARGER RC23 POLARITY

### General

The 9p23 rack charger has a DC plug with a polarized connector. Inserting the connector the wrong way will prevent the charger from powering up and will result in blown fuse on earlier versions of the charger (see below).

### Improvement

A diode has been added to the board to protect the board against damage of incorrect connection of the DC plug. This will prevent the fuse from getting blown even if the plug is inserted the wrong way, but the charger will not power up.

Rack chargers with serial number **5363648** and later has the above protection. Serial numbers prior to **5363648** does not have this protection and an incorrect connection will result in blown fuse on these units.

**Note:** It is still mandatory to properly connect the charger to the power supply as shown in Figure 1.

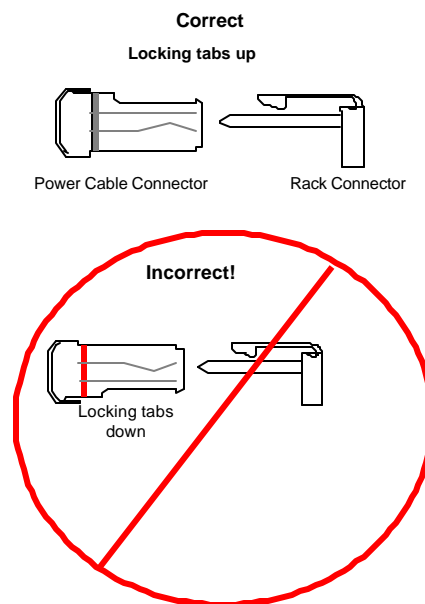


Figure 1