

SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

TR-2400

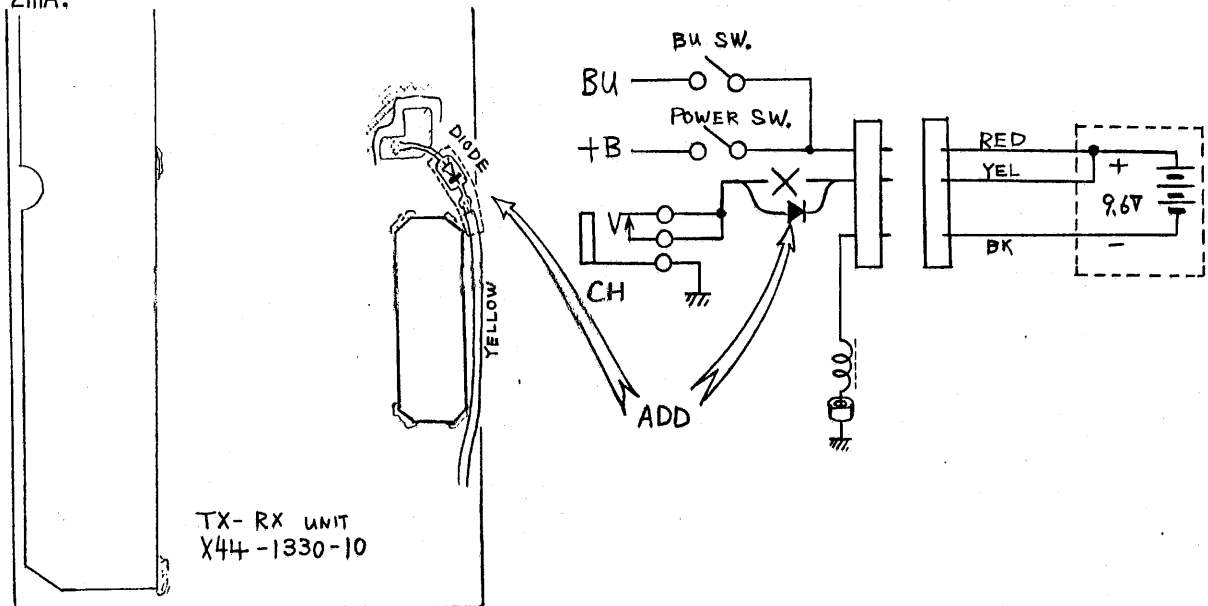
#807

SUBJECT: TR-2400 OPTIONAL CHARGE INPUT PROTECTION

DATE 2/8/80

Some users may request addition of a series diode to the Charge Jack to prevent inadvertent shorting of the battery pack if a voltmeter probe, headphone jack, or other conductor accidentally shorts across the external Charge Jack. This can be used only for the standard wall charger. The optional fast chargers require battery voltage be available at the charge jack as feedback to the charger regulator.

Add a Si diode in series with the battery charge line, at the Charge Jack. Observe battery polarity, as shown. Charging current will drop approximately 2mA.



JEB/yn

NOTE:

1. Si diode must be rated at least 200mA.
2. Install carefully-don't short the YELLOW B+ lead when reassembling.