TRC-210: Chronic Problem

The popularity of this unit with the Trucker's is immense, and so is the hooking up backwards of external power connections. If a fuse over 1.5 Amps is used, the diode won't always 'Blow It'...

Due to design/assembly of unit the D.C. Ground 'feedback' is on an isolated thin piece of etch and 'Fries' it! Repair is simple, with a piece of Buss Wire and moving the Ground Wire. If a unit comes in just move the wire, as will not require complete dis-assembly if you are careful. The small PCB board directly behind the charge/ext. power jack is where modification is done: See drawing below....

Small PCB viewed from bottom of unit.....

Original location of Black wire coming from main PCB.
This piece of etch is usually 'blown', bridge with buss wire, and move Black wire to Pt. A.
Point A, move Black wire to here.

Make sure that a 1.5 Amp 'Fast Blow' is used in External line!

HOW TO ORDER CRYSTALS

When ordering from crystal manufacturers order by using the following:

HC18/U - will be cased with solder leads
HC25/U - will be cased for plugging into sockets (Plug in Xtal).
Accuracy - should be .005% or better
Load Capacitance - 32pf for A.M.
20pf for S.S.B.

Usually can be ordered from any of the large crystal manufacturers at an average price of $7 each. (Plus postage/handling).

*CHECK SELMAN ENTERPRISES FIRST: we do have a stock of crystals on hand; not that large a selection; but will cut down on your bench time if we do have your needs. We also special order all types & frequencies.