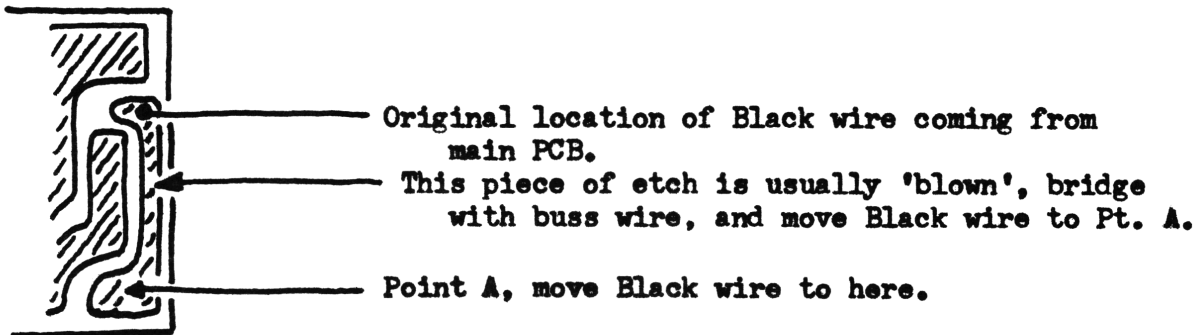


TRC-210: Chronic Problem

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.....



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.