DAYTON

HALLIWELL BERNARD J

1980A/B-2

SERVICE NOTE

Supersedes:
None

1980A/B OSCILLOSCOPE MEASUREMENT SYSTEMS

All Serial Prefixes

PROPER LINE FUSING

Design of the 1980A/B Oscilloscopes incorporates a circuit which protects the instrument from overvoltage on the line input and/or from overtemperature operation. This circuit activates a triac device to "crowbar" the +15V secondary winding thereby blowing the line input fuse.

It thus becomes imperative that we *use only a fast blow fuse* for the line input. If slow blow fuses are used in early units, the triac device will be destroyed and P.C. board traces burned open. Later units may not burn board traces but the triac will probably be destroyed.

No internal damage should result if the proper value fast blow line fuse is used. These are:

2 Amp for 200-240V inputs

3 Amp for 100-120V inputs

Also, the -12V supply fuse was changed from 3 amp to 7 amp. The early boards are still labeled 3 amp however.

RM/mc/WN

10/80-08

HEWLETT PACKARD