

CONVERTOR PROBLEMS

COMBINATION 110 - 12 VOLT UNITS ONLY

- AA. Unit fails to switch from battery to 110 volt operation.
1. No 110 volt power to unit:
 2. Defective transformer:
Check fuses and connections in power supply. Check transformer output. Yellow to black - approximately 14 volts. Yellow to yellow, 28 to 30 volts. If defective, replace transformer. Note: Before replacing transformer check rectifier for shorts. A defective rectifier will cause transformer to fail again.
 3. Defective rectifier:
Check with ohm meter. Place one probe on "+" terminal and touch other probe to both AC terminals, in turn. Reverse probes and repeat test. Meter should show continuity on one test, open reading on other test. If meter shows continuity or open on both tests, replace rectifier.
Apply 12 VDC to terminals A and B. Relay should switch. If defective, replace relay.
 4. Defective switching relay: