

## Excalibur SSB

Things to check before applying power.

1. If adapter not in box with unit, will have to buy/or change plug.
2. Switch on back to 110V; check fuse; change if needed to 2 Amp fast blow.
3. Take top and bottom covers off unit, check for the following:
  - A. Make sure large heatsink in power supply has the transistor sinked correctly with mica insulator! Note: some units will have a 2SD1046 which the 'distributor' installed.
  - B. To the left of VR1 is D12. A yellow wire is soldered to one end, make sure the insulation is in place.
  - C. ? ? Why the 'distributor' would take the time to change insulators on the power supply transistor and leave those monster size ones on Driver and Final is beyond me.... Change them!
  - D. Check bottom of PCB; if bowed at any corner/s; shim with nylon washers. Put the washers between PCB and chassis. Have found most units are bowed down in the corner where PLL chip located.

W A R N I N G - C A U T I O N: Be very careful when cutting etch and soldering to PCB, as is not that strong. Support opposite side!

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## Superstar 3600 (Low Band)

Things to check before applying power.

1. Check to see that D-77 is flush mounted on PCB, - next to mike connector.
2. Remove mike connector from chassis as a whole unit, carefully insulate the entire small PCB with electrical tape. When replacing make sure that connector nut is tight.
3. Check jumper next to D-78, make sure isn't shorting.
4. Check TR45 for bad solder joint.
5. Change insulator on Driver and Final. This particular unit had fiberglass instead of the white ones???

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SPECIAL NOTE: Serial No's on above examples - out of the box.

Excalibur SSB, S/N 300205

SuperStar Md1 SS-3600 (Low Band), S/N 104089