

Grant-DX, Clarifier Mod. (Cont.)

- E. Mid Band - LSB, knob centered. Adjust L27 for 27.2035MHz, check down shift for a minimum of 5KHz. Up shift should be at least 2KHz above center frequency. IF BALANCE ADJUST NEEDED: Adjust L30 while checking for dropout on the low end. Check High Band for 27.6535MHz at knob center.
- F. Low Band - LSB, knob centered. Adjust L24 for 26.7535MHz, check for down shift of 5KHz minimum. Up shift of 2KHz above center frequency. DON'T ADJUST L30 UNLESS ABSOLUTELY NECESSARY!
6. O.K., now for 'alignment' in #5. I usually set all "Export" rigs for: -1.5KHz in LSB; center Fo in AM/FM; and +1.5KHz in USB.
- Reference to the 'Clarifier' knob at dead-center, "12 O'clock".
- (U.S. units are usually set for \pm 1KHz offset in the sidebands).
7. The only other thing I changed was C76 (1MFD/50V Electrolytic), and replaced with 3.3MFD/50VDC electrolytic. NOTE: + goes to D.C. Ground!
8. The 455KHz filter could stand 'doubling/tripling' up in series, as the rejection isn't that good!
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DE-BEEP

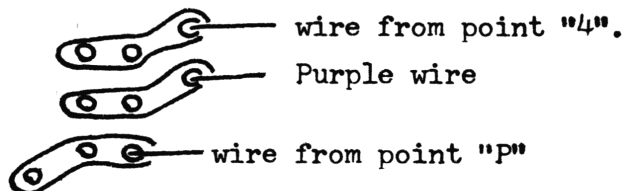
Superstar 3600FM:

Find jumper 'J-9', remove/replace with a switch. Or just hardwire the Ch. 9 sw. and use it.

Colt 160DX (Excalibur) - Export Mdl. 02A Chassis.

Locate Purple wire from microphone jack to beep board, remove at board. Solder a new wire to point '4'. Solder a new wire to point 'P', Remove the two wires on N.B. switch and hardwire permanently ON.

Use diagram below and solder wires to N.B. switch:



Wired up as above will give: Beep when NB is ON, none when OFF.