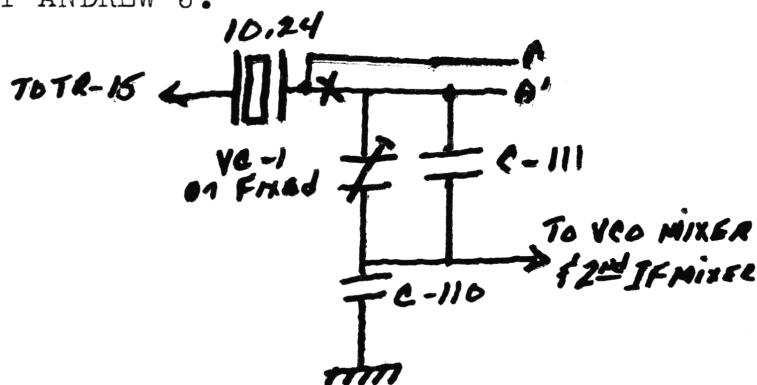
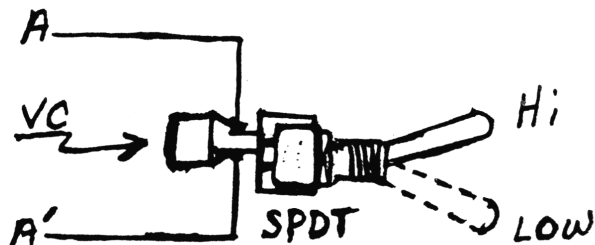
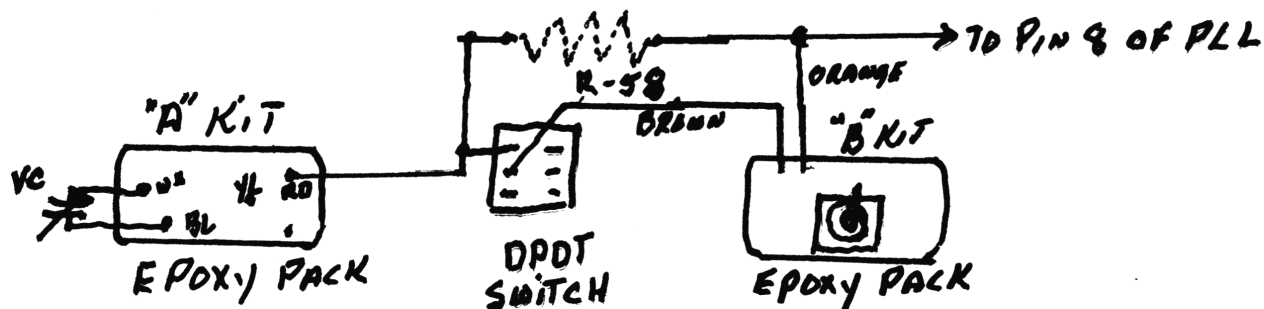


5K OFFSET



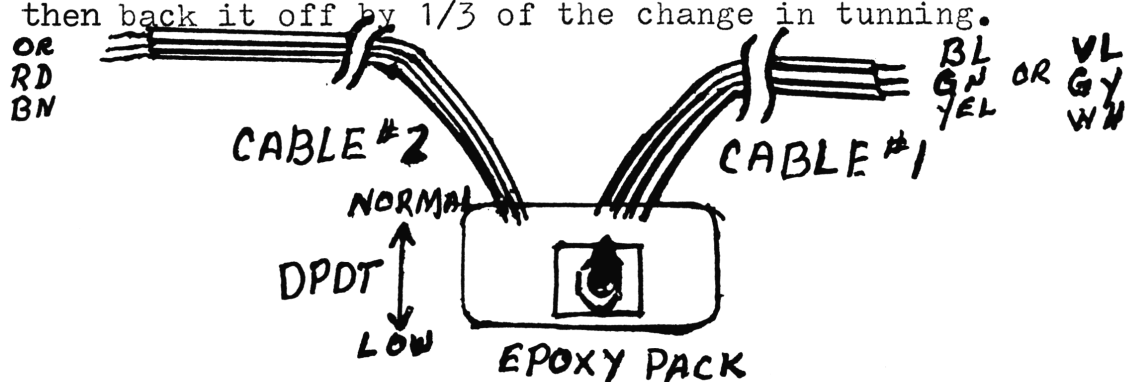
1. Wire up th SPDT switch and the variable capacitor (supplied) as shown above.
2. Cut the printed circuit trace as shown between the 10.24 crystal and C-111 and its parallel capacitance.
3. Solder the two wires from the SPDT switch on each side of the cut as shown.
4. With the channel selector on ch.10 and the SPDT switch on low position, apply power to the unit. Check the TX-frequency for a reading of 27.075. If the reading is too low adjust VC-1 or change the size of the fixed parallel capacitor to bring the reading within tolerance.
5. Switch the SPDT switch to the Hi position and adjust VC for a TX-frequency reading of 27.080.

Note: These units, being the larger units, can easily accommodate both the "A" & "B" Kits, but when using both kits we suggest that IF 5K OFFSET is to be used, use one of the existing switches.



CHANNEL CONVERSION - COBRA 21GTL & LTD, 25GTL & LTD, PRESIDENT AR44
& AX44, AR711 & AX711, PRESIDENT ANDREW J.

1. Remove CF-1 (10.7 ceramic filter). Solder cable #1 in its place. Put the white or yellow wire on the side that is connected to L13.
2. Remove R-58.
3. Separate the three wires in cable #2. Solder the orange wire to the point where R-58 was connected to pin 8 of the PLL chip. Solder the brown wire to the other point R-58 was connected. (If you are using both kits solder the brown wire to the center contact of the DPDT section that is being used for PLL T/R shift.)
4. Solder the red wire to pin 1 of the PLL chip or to the red dot of the "A" Kit epoxy pack.
5. With the channel selector on ch.10, the SPDT switch in low position and the epoxy pack switch in normal position, apply power to the unit. Peak the receiver in your normal manner. Mark the settings of L-3 & L-4.
6. Switch the epoxy pack switch to the low position. Inject a low signal level of 26.620 or use a previously modified unit on the same settings. Repeak the receiver. First use L-3. Bring it to peak and then back it off by 1/3 of the distance of the change in tuning. Now peak again using L-4. Peak it and then back it off by 1/3 of the change in tuning.



7. Mount the epoxy pack using the mounting hints.