

## COBRA 29GTL - SLIDE (UPDATE)

RE: Vol. 13, pg. 57; How to add slide to your Cobra 29GTL.

Recenter the Delta Tune after Mod:

1. Turn Channel Selector to Channel 20.
2. Turn Delta Tune to Center (Ident).
3. Adjust L24 for 27.205MHz.  
(Test unit gave -5KHz, +6KHz slide)  
\*Special Note: I left C131 in circuit, as it gave a smoother slide this way. (This was step 6, in original article).
4. With this alignment of L24, have even 'channels' on both sides of regular channels.

For -10KHz Slide and NO up slide:

1. Turn Channel Selector to Channel 20.
2. Turn Delta Tune FULLY CLOCKWISE..
3. Adjust L24 for 27.205MHz.  
(Test unit gave a full -10KHz slide)  
\*Again, C131 was left in the circuit.

This last slide arrangement allows a full 'channel' of slide in the down range....Kit 89-1, is the correct unit for installation as will allow: 26.505-27.855MHz coverage, 136 channels-ODD/134 channels-EVEN. IF, the -10KHz slide arrangement installed..

Kit 89-1, available: Selman Enterprises...

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## UNIDEN PC33 (TC9106BP-PLL)

Had to buy some 'cheap' radio's for customer, so thought I would give these a shot. That way could do a write-up on them at the same time.

Out-of-box; 3.5W, 50%+ modulation, REJECTION-??? (I live about  $\frac{1}{2}$  mile from truck stop and that is my gauge of rejection-Ch. 19 was coming in on Ch. 26. Even a high-powered signal shouldn't do that!).

Couldn't sell to customer like that; so had 2 of my 'loaners' back for his use; and he took off for Florida. In the meantime, I wrote to Uniden for Schematic (NONE in the Owner's Manual?). One month and two letters later I received the schematic, finally! Service used to be one of main reasons for purchase from them!

No problems with 're-engineering' the units. In fact for about 8¢ per unit they should have, during production runs!

Rejection - See Vol. 16, Page 40. 'Bleed-Over Filter'..Perfect, and works like a champ. Modulation - Remove D13 (Don't use amplified microphone afterwards). Insert a slug in L10; first put a piece of rubber band in core; to prevent slug from falling to bottom (odd size).

Tune for PEAK POWER: L15, L14, L12, L11, L10, and L8. Adjust VR3 for 2 lights ON-Dead Key, 3 ON with 4th flickering when talking. (This way if all 4 come ON when dead-keying; acts as SWR meter; and something's wrong!). Had to increase value of VR3 in one unit. RX alignment: L1, L2, L4, L5. VR1-S 'lights', VR2-Sq Rng. Both units averaged out 4.7W - Deadkey, with 100% modulation.