

DELCO FACTORY AM/FM/CB COMBO UNIT

CBD-40, CBD-20, CBD-20A Models

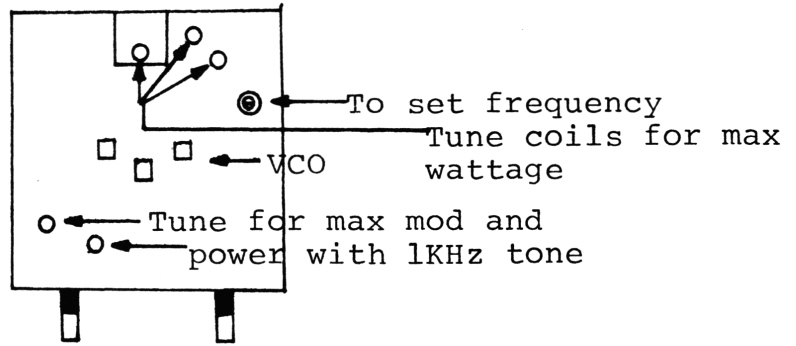
The model 40 has the am, fm, cb all in one package. This model will be described in detail here. If you have the model 20 or 20A, you will find a separate cb module with an O2A chip and looks very much like a Kraco 4020. Now let's get down to business.

1. Remove the unit from the dash.
2. Remove the top of the radio. You are now looking at the underside of the pc board. The board is labeled so you will be able to find and adjust everything directly from underneath.
3. Locate the IC labeled IC SYNC. Find pin 9. Cut this pin loose from its 5v source and you have dropped 640kc. Your range is now 26.325 thru 26.765.
4. By applying 5v to pin 10 you will go as high as 27.595.
5. Pin 14 will shift frequency 10kc for extra inner frequencies.

Adjust VCO for full coverage. Remove plate on rear of radio and two screws holding pc board and you can remove it. Figure 1, on next page, shows board removed and turned over. Figure 2 shows chip location and information.

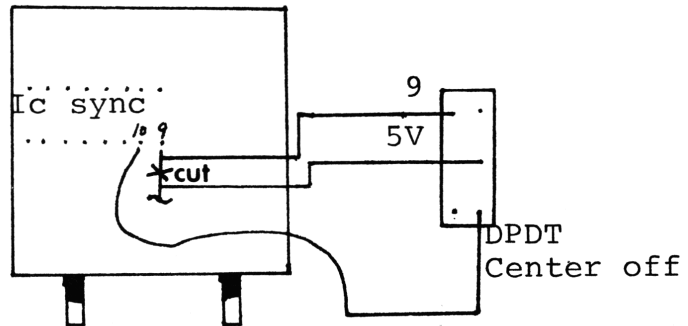
# DELCO CBD-40

Fig. 1



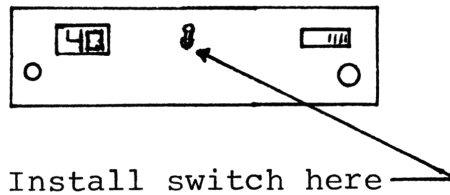
FRONT

Fig. 2



FRONT

Fig. 3



## DELCO MODIFICATION CON'T.

Wire up the DPDT Center-off switch as diagramed in Fig. 2. Install switch in front panel as in Fig. 3. Now locate the AM/FM/CB antenna splitter. (Mine was located under top of dash which was removed with only 8 screws!) The splitter has a tuneable coil for CB. I ended up getting maximum results with the core turned counterclockwise, almost all the way out. NOTE: Be careful- the coil core will screw all the way out. Works Great!

## SANKYO SCS-555 MSM5807

For more frequencies, change the value of X2 and switch with a switch.

Replace D21 with a Super Clarifier Diode for more VCO range.

T17 is VCO coil.

### Modulation-

Adjust R62 or remove Q11.

Peak out T11, T12, T13, T1.

For wider frequency coverage retune T18, T19, T20, T14, T15, T16.