

# FREQUENCY EXPANSION FOR COBRA 29GTL, 87GTL, 89GTL,

AND 1000GTL *See note below First*

1. Remove covers from unit.
2. Drill a hole and mount switch or use an existing switch.
3. Remove C87 in the Cobra 29GTL.  
Remove C79 in the Cobra 87GTL, 89GTL, and 1000GTL.
4. Solder a wire from each hole the capacitor was removed from to the switch.
5. Solder the desired crystal or crystals to the switch. If one of these crystals is not switched into the circuit, you will have regular channels.
6. Choose from the list below:

## FOR 11 METERS:

XTAL	14.455	26.060 through	26.500
XTAL	14.460	26.065 through	26.505
XTAL	14.905	26.510 through	26.950
XTAL	14.910	26.515 through	26.955
XTAL	15.805	27.410 through	27.850
XTAL	15.810	27.415 through	27.855

NOTE: 15.805 is used to obtain the Business Radio Frequencies 27.430, 27.450, 27.470, 27.490, 27.510, and 27.530.

The 14.905 may be used to obtain the Civil Air Patrol frequency 26.620.

## FOR PETROLEUM RADIO SERVICE:

XTAL	13.405	25.010 through	25.450
XTAL	13.415	25.020 through	25.460

## FOR 10 METER AMATEUR RADIO:

XTAL	16.395	28.000 through	28.440
XTAL	16.455	28.060 through	28.500
XTAL	17.360	28.965 through	29.405

## FOR FOREST PRODUCTS RADIO SERVICE:

XTAL	17.805	29.410 through	29.850
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NOTE: The 17.805 is used to obtain 29.710, 29.730, 29.750, 29.770, and 29.790.

NOTE: CORRECTION FOR THIS PRINTING. THE ABOVE INFORMATION WILL NOT WORK WITHOUT AN OSCILLATOR CIRCUIT TO SWITCH THE CRYSTALS. WE RECOMMEND SECRET CB'S ZAPPER 9000 KIT INSTEAD (CATALOG ITEM #89-1, #89-2 or 89-3.