

COBRA 2000 GTL

CHANNEL MODIFICATION & FREQUENCY EXPANSION

- 1-Clarifier control MOD allows the frequency counter to follow the clarifier control on transmit and receive.
- 2-Remove the BROWN wire from R407, the fine voice lock and tape back.
- 3-Remove the YELLOW wire from VR402, the coarse voice lock at the PC board and connect it to PC ground.
- 4-Cut D52 and R44. Connect end of FVL to pin 1 of IC4, 8 V source. This completes the slide conversion.
- 5-Remove the MB8734 PLL & install replacement MB8719 PLL Chip.
- 6-Install a kit available from your favorite dealer or two SPST toggle switches or use NB ANL switches. In the radio, run a wire from the common of both switches to pin #18 and the blank terminal of each switch. Run a wire to pin #10 & pin #11. This completes the modification.

PIN 10

1	27.605	11	27.725	21	27.855	31	27.955
2	27.615	12	27.745	22	27.865	32	27.965
3	27.625	13	27.755	23	27.895	33	27.975
4	27.645	14	27.765	24	27.875	34	27.985
5	27.655	15	27.775	25	27.885	35	27.995
6	27.665	16	27.795	26	27.905	36	28.005
7	27.675	17	27.805	27	27.915	37	28.015
8	27.695	18	27.815	28	27.925	38	28.025
9	27.705	19	27.825	29	27.935	39	28.035
10	27.715	20	27.845	30	27.945	40	28.045

PIN 10 & 11

15	27.455	22	27.545	29	27.615	36	27.685
16	27.475	23	27.575	30	27.625	37	27.695
17	27.485	24	27.555	31	27.635	38	27.705
18	27.495	25	27.565	32	27.645	39	27.715
19	27.505	26	27.585	33	27.655	40	27.725
20	27.525	27	27.595	34	27.665		
21	27.535	28	27.605	35	27.675		

PIN 11

15	26.815	20	26.885	25	26.925	30	26.985
16	26.835	21	26.895	26	26.945	31	26.995
17	26.845	22	26.905	27	26.955	32	27.005
18	26.855	23	26.935	28	26.965		
19	26.865	24	26.915	29	26.975		