

COBRA 2000GTL, A DIFFERENT WAY

REFER TO FIGURE 1. YOU WILL NEED A SPST SWITCH.

1. FIND A CONVENIENT MOUNTING SPOT FOR THE SPST SWITCH AND MOUNT SAME.
2. SOLDER A WIRE TO EACH PIN ON THE SWITCH MAKING SURE THERE IS ENOUGH LEAD TO REACH THE PLL IC.
3. SOLDER THE FIRST WIRE TO PIN 13 OF IC801.
4. SOLDER THE SECOND WIRE TO PIN 14 OF IC801.

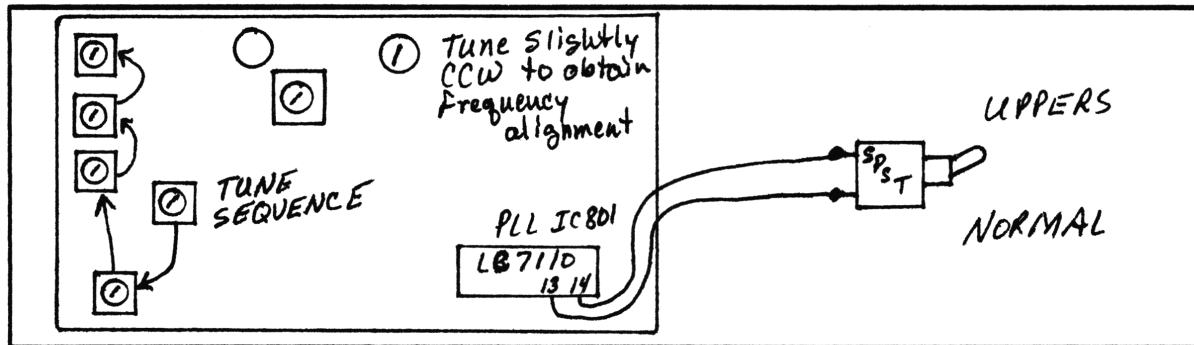


FIGURE 1. GE 5-5804A

1-11 = NORMAL FOURTY. FREQUENCIES COME OUT AS FOLLOWS:

12-27.745	22-27.865	32-27.965
13-27.755	23-27.895	33-27.975
14-27.765	24-27.875	34-27.985
15-27.775	25-27.855	35-27.995
16-27.795	26-27.905	36-28.005
17-27.805	27-27.915	37-28.015
18-27.815	28-27.925	38-28.025
19-27.825	29-27.935	39-28.035
20-27.845	30-27.945	40-28.045
21-27.855	31-27.955	00-000000

- *EDITORS NOTE: 28MHz FREQUENCIES BELONG TO AMATEUR RADIO. HOBIEST WOULD BE WELL ADVISED TO REMAIN CLEAR OF THESE FREQUENCIES!*

COBRA 2000GTL, A DIFFERENT WAY

• *RON ROUSH*

THE FOLLOWING IS A DIFFERENT WAY TO INSTALL KIT # 27. IT ELIMINATES THE GREEN WIRE ALTOGETHER.

1. DISCONNECT THE GREEN WIRE FROM PIN 14 AND DO NOT REUSE.
2. CUT AND CONNECT ANOTHER PIECE OF WIRE (INDEPENDENTLY) FROM PIN 14 TO A SPST SWITCH.

3. CONNECT THE OTHER SIDE OF THE SPST SWITCH TO GROUND.
4. CUT THE TRACE FROM PIN 16 AND BRIDGE WITH A 4.7k RESISTOR.
5. CONNECT A WIRE FROM PIN 16 TO ANOTHER SPST SWITCH.
6. CONNECT THE UNUSED SIDE OF THIS SWITCH TO GROUND ALSO.

THE SWITCH CONNECTED IN STEP 5 YIELDS A 10kc DROP! THE KIT, AS INSTALLED, YIELDS 26.855-28.045MHZ. BY USING THIS METHOD, YIELDS 26.815-28.085MHZ.*

**SEE EDITORS NOTE ON PREVIOUS PAGE*

HINTS/KINKS/UPDATES

COLTBLACKSHADOW

I HAVE FOUND THAT IN THE COLT BLACK SHADOW, COLT 485 MOBILE, AND ALL SIMILIAR CIRCUITS, THIS WILL INCREASE THE AUTOMATIC NOISE LIMITING AND NOISE BLANKING 60-70% AND ALSO HELP BLEEDOVER CONSIDERABLY!!

DIRECTIONS: PEAK RECEIVER TO MAXIMUM, ACCORDING TO APPLICABLE SAMS, WITH THE NOISE BLANKER "OFF". THEN CHANGE C128, A .0047uf TO A .02uf. NE.T, CHANGE C133, A 220pf TO A .01uf. NOISE BLANKER SWITCH MAY NOT HAVE ANY EFFECT, BUT IT'S DARN WELL WORTH IT!.....STEVEN L. PRINCE

COBRA 148GTL-DXRECIEVER

REF: SECRET CB VOLUME 19, PAGE 37; "148GTL-DX (LATE) 'PRE-AMP/WIDE-BAND MODIFICATION", STEPS 3 & 4.

I'VE FOUND THAT OCCASIONALLY THIS MOD KICKS THE RECEIVER JUST ATAD TOO HARD, RESULTING IN RECEIVER OSCILLATION. IT'S HAPPENED TWICE, AND BOTH WERE RUSH JOBS SO I COULDN'T TAKE THE TIME TO PLAY WITH THEM THAT I WOULD HAVE LIKED. UNFORTUNATELY, MY SUPERSTAR 360FM "GUINEA PIG" DOESN'T HAVE THIS PROBLEM, SO I HAVEN'T FOUND A TRIED AND TRUE SOLUTION.

IN THE ABOVE TWO CASES, I REPLACED R75 WITH A 470ohm 1/4w 5% (IN THE ORIGINAL R75 LOCATION), WHICH SEEMED TO PROVIDE SOME ADDITIONAL GAIN WITHOUT OSCILLATING - BUT I WON'T EVEN SWEAR TO THIS MOD MAKING TOO GREAT OF A DIFFERENCE OR EVEN WORKING IN EVERY PB-010 BOARD.

ONE FINAL NOTE ON THE PB-010: IF TALK-BACK HAS BEEN ADDED, BE SURE IT'S OFF BEFORE PUTTING ON THE TONE GENERATOR TO ALIGN THE TRANSMITTER, OTHERWISE C167 AND C172 WILL GO UP IN SMOKE. THEY'RE ONLY 10WVDC PARTS!! RECOMMEND REPLACING THEM WITH 16WVDC UNITS, THEN SMOKE IS NO LONGER A PROBLEM.....ART

SUPERSTAR 3600 W/HI BAND SQUEAL PROBLEM