

REMOVE C-42. (BESIDE THE 10.24MHZ. CRYSTAL TOWARD THE EPOXY PACK.)
REPLACE C-42 WITH A 33PF CAPACITOR LEAVING THE REAR MOST LEG RAISED.
REMOVE THE TWO JUMPER GOING TO THE CHANNEL 9 SWITCH.
ON THE PC SIDE OF BOARD, TRIM THE END OF THE 33K RESISTOR LOCATED BETWEEN THE TWO REMOVED JUMPERS, AS CLOSE AS POSSIBLE.
ON THE PC SIDE OF BOARD, INSERT AND SOLDER THE SUPPLIED VC. WHERE THE TWO JUMPERS WERE REMOVED.
ON THE COMPONENT SIDE OF BOARD, RUN TWO WIRES FROM THE VC TO THE RAISED LEG OF C-42 AND THE HOLE WHERE THE LEG WAS RAISED FROM.

THE COBRA 18 PLUS/HIGH CHANNELS WITH THE 'A' KIT

PUNCH CHASSIS AS INDICATED IN PREVIOUS PROCEDURE FOR "B" KIT.
MAKE UP THE SUPPLIED DPDT SWITCH SUPPLIED AS SHOWN BELOW AND MOUNT IT ON CHASSIS.
RAISE CATHODE END OF D-7.
REMOVE C-46 (15PF FRONT LEFT OF L-2).
REMOVE C-47 (3PF BETWEEN PINS 4 & 5 OF VCO MIXER)
SOLDER ON LEG OF 47PF CAPACITOR SUPPLIED WHERE LEG OF C-46 WENT TO PIN 4 OF THE VCO MIXER. LEAVE OTHER LEG RAISED.
CONNECT A 3" WIRE TO THE LEG OF R-56 (82 OHM RESISTOR LOCATED NEXT TO D-8.)
MOUNT EPOXY PACK ON TOP OF PLL CHIP WITH VC TO THE REAR. (USE A FAST CURING GLUE SUCH AS SCOTCH-GRIP 3M 4475 PLASTIC ADHESIVE.)
(IF TIME PERMITS A RUBBER BASE GENERAL HOUSEHOLD GLUE WILL DO).
WIRE UP SWITCH AS INDICATED.
SOLDER WIRE FROM R-56 TO RED DOT ON EPOXY PACK.
IF FULL CHANNELS ARE DESIRED, PERFORM A 5K OFFSET

THE COBRA 19 PLUS/HIGH CHANNELS WITH THE 'A' KIT.

ON THE COMPONENT SIDE OF BOARD, NOTE THE OUTLINE OF C-112.
STAND THE CAPACITOR UP AGAINST THE TANK AND DRILL AN EXCESS HOLE THROUGH THE BOARD. DO NOT GO OUTSIDE OF DOTTED LINE.
PUNCH OR DRILL THE TWO LOWER MIKE HOLES TO 1/4" IN BOTTOM COVER RIGHT SIDE. IF HALF CHANNELS ARE DESIRED PUNCH ONLY THE FRONT MOST HOLE.
MOUNT THE TWO SUPPLIED SWITCHES IN THESE CORRESPONDING HOLES.

THE COBRA 19 PLUS/LOW CHANNELS WITH THE 'B' KIT.

(SPDT SWITCH IN THE FORWARD MOST HOLE).

5KHZ. OFFSET

NOTE: THE CHANNEL 9 SWITCH APPEARS TO BE IDEAL FOR 5K OFFSET.

WARNING: THESE SWITCHES HAVE PROVEN TO BE WET CIRCUIT SWITCHES.

A DRY CIRCUIT SWITCH IS REQUIRED.

REMOVE C-208 & C-209.

CUT PC PAD AS INDICATED.

REPLACE C-209 WITH C-208.

RUN THE TWO WIRES FROM THE SPDT SWITCH, THROUGH THE BOARD AND CONNECT ONE ON EACH SIDE OF CUT.

ISOLATE PIN 20 OF THE PLL CHIP FROM THE REMAINDER OF THE CIRCUIT.

REMOVE C-222 & C-221.

REPLACE C-222 WITH 47PF CAPACITOR SUPPLIED, LEAVING THE LEG RAISED THAT IS NOT CONNECTED TO PIN 4 OF THE VCO MIXER.

AFFIX THE EPOXY PACK ON THE CHASSIS WALL JUST ABOVE THE MOUNTING BRACKET HOLE.

CONNECT DPDT SWITCH AS INDICATED.

RUN A WIRE FROM THE PIN 18 OF PLL THROUGH THE PC BOARD TO THE RED DOT ON EPOXY PACK.

LET'S HELP EACH OTHER DO A BETTER JOB

TECH'S NOTES

THE COBRA 19 PLUS/LOW CHANNELS WITH THE 'B' KIT.

ON THE COMPONENT SIDE OF THE BOARD, NOT THE OUTLINE OF C-112. STAND THE CAPACITOR UP AGAINST THE TANK AND DRILL AN EXCESS HOLE THROUGH THE BOARD. DO NOT GO OUTSIDE OF THE DOTTED LINE. PUNCH OR DRILL THE LOWER FRONT MIKE HOLES ON EACH SIDE OF THE BOTTOM COVER TO THE SIZE OF 1/4".

CUT THE BOTTOM COVER ON THE MIKE SIDE AS INDICATED BELOW.

MOUNT THE EPOXY PACK ON THE INSIDE OF THE WALL OF THE CHASSIS NEAREST THE PLL CHIP. (MAKE SPECIAL NOTE THAT THE FACEPLATE MOUNTING SCREW IS NOT TOUCHING ANY COMPONENT OF THE EPOXY PACK). MAKE UP THE SPDT SWITCH AS INDICATED IN STEP ONE OF THE PACKAGING.

MOUNT THE SPDT SWITCH ON THE SIDE NEAREST THE MIKE CONNECTION.

5KHZ. OFFSET