

WITH A FREQUENCY COUNTER ATTACHED TO READ THE TRANSMIT FREQUENCY.

1. APPLY POWER AND SELECT CHANNEL 1.
2. CHECK POSITION C ON THE SELECTOR SWITCH TO ASSURE REGULAR CHANNELS ARE OPERATIONAL AND ON FREQUENCY.
3. NOW SELECT THE OTHER GROUPS OF FREQUENCY AND ADJUST THE RELATED TRIMMER CAPACITOR ON THE SWITCH PC BOARD TO READ THE FREQUENCY ON CHANNEL 1 AS MARKED ON THE CRYSTAL.
4. USING A 40HZ OR ABOVE SCOPE ON TP-2 ADJUST L-9 AND THE TWO TANKS ON THE EPOXY PACK FOR THE CLEANEST SIGNAL AT THE CENTER OF THE FREQUENCY SPAN. (ANY POSITION OTHER THAN C)
5. TOUCH UP AND BALANCE THE TRANSMITTER AND THE RECEIVER AT BOTH ENDS OF THE FREQUENCY SPAN.

## **COBRA 29 PLUS/EXTRA CHANNELS USING THE TECH'S CHOICE KIT**

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THE MODIFICATION ON THE 29 PLUS IS THE SAME AS THE 21 & 25 PLUS EXCEPT FOR A FEW COMPONENT NUMBER DIFFERENCES AND LOCATIONS.

*NOTE: BEFORE STARTING THE MODIFICATION, REMOVE C-38 FROM THE BOARD AND PUT TWO 2' EXTENSION WIRES ON IT. AFTER YOU COMPLETED THE MODIFICATION, USE 3M 4475 PLASTIC ADHESIVE TO REMOUNT IT ON TOP OF THE PLL CHIP.*

### STEP TWO

2. DRILL A 1/8" EXCESS HOLE 1/4" TO THE REAR OF THE FT-1 MARKING.
4. REMOVE C-102 AND C-134. REPLACE C-102 WITH A 47PF. CAPACITOR
6. RUN A JUMPER FROM THE 1" JUMPER LOCATED JUST TO THE REAR OF THE PLL CHIP TO THE RED DOT ON THE EPOXY PACK.

### FINISHING TOUCHES

THERE ARE TWO DECALS IN EACH KIT. USING AN X-ACTO KNIFE, CUT A CENTER HOLE USING A WASHER FROM THE SELECTOR SWITCH, IN THE CENTER OF THE PAPER BACKED ONE AND PLACE IT OVER THE SWITCH AFTER THE COVERS ARE ON. THE SECOND DECAL IS STUCK IN THE INSIDE PACKING BLISTER. AGAIN WITH THE X-ACTO KNIFE, CUT BELOW AND ABOVE THE WORDS, TECH'S CHOICE (1/4" TOTAL WIDTH) LIFT

## **SOMETHING ABOUT THE TECH'S CHOICE SSB KIT**

THIS 1/4" STRIP AND TRANSFER IT TO THE UNIT HALFWAY BETWEEN COBRA AND #PLUS.

LET'S HELP EACH OTHER DO A BETTER JOB

NEXT MONTH WE WILL BE FEATURING THE TECH'S CHOICE SIDEBAND, (T.C.S.B.) KIT. AGAIN THE SAME SPECIAL TOOLS AND EQUIPMENT WILL BE ALMOST A MUST. THE TECH'S CHOICE KITS ARE NOT DESIGNED FOR THE HOBBYIST BUT ESPECIALLY FOR TECHNICIANS. THE SPECIAL TOOLS AND EQUIPMENT NEEDED MAKES THAT DIFFERENCE.

HAND PUNCH SETS; 3/32" TO 9/32" ORDER #937102 \$39.00

5/32" TO 17/32 ORDER #927105 \$108.00

MSC INDUSTRIAL SUPPLY CO. 151 SUNNYSIDE BLVD. PLAINVIEW IL, NY 11803 PH (800) 645-7270.

A 40MHZ. OR ABOVE SCOPE SUCH AS THE B&K 1540.

HERE'S WHY

THESE NEW T.C. KITS OPENS UP A WHOLE NEW FIELD OF SERVICE FOR THE TECHNICIANS. IF YOUR SHOP IS AT OR NEAR A TRUCK STOP, THE T.C. AM GIVES YOU A RENEWED SOURCE OF CUSTOMERS BECAUSE YOU CAN SUPPLY A UNIT THAT IS MORE VERSATILE, EASIER TO MAINTAIN, MORE RELIABLE AND CHEAPER THAN THE EXPORT UNITS. THE T.C.SB (TECH'S CHOICE SIDEBAND) KIT WILL HAVE THE SAME ADVANTAGES PLUS IT WILL BE A UNIT THAT YOU WOULD WANT TO SHOW TO YOUR LOCAL HAMS. NOT ONLY CAN THEY HAVE A VERY EASILY MAINTAINED 10 METER SET BUT A CB HAM COMBINATION. THE T.C.SB WILL HAVE TEN CRYSTAL POSITIONS WHICH MEANS YOU CAN COVER EVERY 5K FOR 2MHZ. OR 400 CHANNELS. COUNTING THE USB AND LSB THAT IS 1,200 TRANSMIT FREQUENCIES THE BEST PART IS OF COURSE "YOU GET THE CREDIT FOR MAKING THE UNIT DO ALL THIS".

## **SOMETHING ABOUT THE TECH'S CHOICE SSB KIT**

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THIS KIT IS THE EASIEST TO INSTALL AND ALIGN KIT EVER DEVISED FOR A SSB UNIT. IT TOO IS THE MOST VERSATILE. YOU ARE NOT LOCKED IN TO A GIVEN SET OF FREQUENCIES. YOU ARE ONLY LIMITED BY THE BAND PASS OF THE TRANSMITTER AND RECEIVER, WHICH IN THE CASE OF THE COBRA 146GTL IS ABOUT 3MHZ.

THIS MEANS YOU CAN MAKE THIS UNIT UP FOR A HAM AND GIVE HIM/OR HER A HAM/CB COMBINATION. IT BEING A MOBILE HE/OR SHE MIGHT NOT BE INTERESTED IN THE CW FREQUENCIES SO YOU CAN SKIP OVER THEM AND STILL COME WITHIN THE 3MHZ. SPAN. THERE IS NO LIMIT TO THE COMBINATIONS AND POSSIBILITIES.

WHY EVEN SELL AN EXPORT UNIT, COSTING YOU \$250.00 AND UP, WHEN YOU CAN BUY A UNIT FOR ABOUT \$125.00 WITH EASY MAINTENANCE GOOD PARTS SUPPLY AND PROVEN RELIABILITY. THIS UNIT TOO WILL GIVE YOU TWICE THE NUMBER OF TRANSMITTING FREQUENCIES. NO LONGER WILL YOU HAVE TO MODIFY THE CLARIFIER