

HINTS/KINKS/UPDATES

CHECKED EVERYTHING AS ON PAGE 23 OF SECRET CB VOLUME 22. FOUND THAT THE CHOKE FROM GROUND PIN OF MIC PLUG TO PCB GROUND WAS BROKEN AT PCB! REMOVED BROKEN PIECE AND REPLACED. TIP: BE SURE TO SLEEVE BARE LEADS OF CHOKE SO AS NOT TO GROUND AGAINST ANY OTHER COMPONENTS. LENGTHEN ONE LEAD A BIT TO RELIEVE ANY STRESS.

THIS MODEL HAS SAME IDENTICAL CHASSIS AS THE SUPER STAR 3900, MINUS THE EXTRA COMPONENTS IN THE CLARIFIER CIRCUITRY. ALSO IS IDENTICAL IN FEATURES TO THE SS3600 LOW BAND MODEL; ALIGN AS PER SS3600 LOW BAND, BUT ONE BAND HIGHER.

COBRA-40XAUDIO

INTERMITTANT RECEIVE AUDIO.

CHECK FOR COLD SOLDER JOINTS, CRACKS, AND WIRES NOT PUSHED ALL THE WAY INTO THE BOARD.

· BROWN WIRE OPPOSITE PLL CHIP SIDE OF RADIO LABELED JJ-D201, CONNECTS TO JJ-D301.

· BROWN WIRE TO R-134 (ON/OFF-CB/PA SWITCH)

· GREEN WIRE T.M. TO T.M.

· GREEN WIRE B.L. TO B.L.

· WHITE WIRE Q.Q. TO Q.Q.

· YELLOW WIRE TO P.A. AT REAR OF BOARD

JIMMY BOOTH

· *REMEMBER, COURTESY COUNTS*

COBRA 2000GTL SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
INPUT OF FREQ CNTR TO TP13	CH19		CHECK FOR 10.240MHz
(IC1 PIN 8)			
INPUT OF SCOPE TO TP10	CH19 AM	L21	ADJUST FOR MAX RF (3-4vPP TYPICAL)
INPUT OF DC MTR TO TP9	CH40 AM	L19	ADJUST FOR 2.70 VOLTS, 1.95 ON CH 1
INPUT OF SCOPE TO TP1	CH19 AM	L20	ADJUST FOR MAX RF (190mvPP TYPICAL)
INPUT OF FREQ CNTR TO TP1	CH1 AM	L23	ADJUST FOR 34.7650 MHz, /20Hz
INPUT OF FREQ CNTR TO TP1	CH1 USB	L59	ADJUST FOR 34.7665 MHz, /20Hz
INPUT OF FREQ CNTR TO TP1	CH1 LSB	L22	ADJUST FOR 34.7635 MHz, /20Hz

INPUT OF FREQ CNTR TO TP10	CH1 AM		CHECK FOR 7.790MHz
INPUT OF FREQ CNTR TO TP3	CH19 USB	CT2	ADJUST FOR 7.8015 MHz, 5Hz, 0Hz
INPUT OF FREQ CNTR TO TP3	CH19 LSB	L30	ADJUST FOR 7.7980 MHz, 0Hz, 5Hz
INPUT OF FREQ CNTR TO TP14 (IC3 PIN 7)	CH19 AM XMIT	L31	ADJUST FOR 7.8000 MHz, /5Hz
INPUT OF FREQ CNTR TO TP15 (FET1 GATE 1)	CH19 AM		CHECK FOR 7.3450MHz
INPUT OF FREQ CNTR TO ANTENNA INPUT	CH1 AM	VR5 XMIT	ADJUST FOR 26.965 MHz

2000GTL COUNTER ALIGNMENT

INPUT OF SCOPE TO TP504 (IC512 PIN 5)	CH19 AM VOICELock MIDRANGE	L501 THEN ROTATE CORE 1/2 TURN CLOCKWISE	ADJUST FOR MAXIMUM
INPUT OF SCOPE TO TP502	CH19 USB VOICELock MIDRANGE	L502	ADJUST FOR MAXIMUM RF
INPUT OF SCOPE TO TP502	CH19 AM VOICELock MIDRANGE	CT501	ADJUST FOR 27.1850 MHz ON COUNTER DISPLAY

TECHS' NOTES