

CTCSS/1750Hz Module to IC-271 / IC-471 / IC-1271

First disconnect the radio from the power supply !!

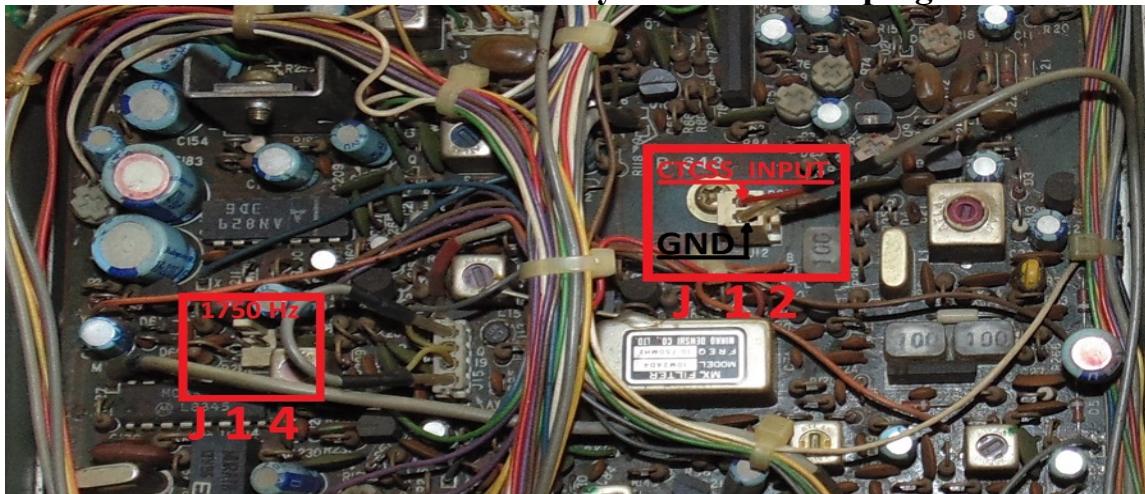
Carefull remove the radio case. Attention of the speaker wire (**disconnect**).

Disconnect wires between (B-915 1750Hz Board) and (J7 LOGIC Unit)

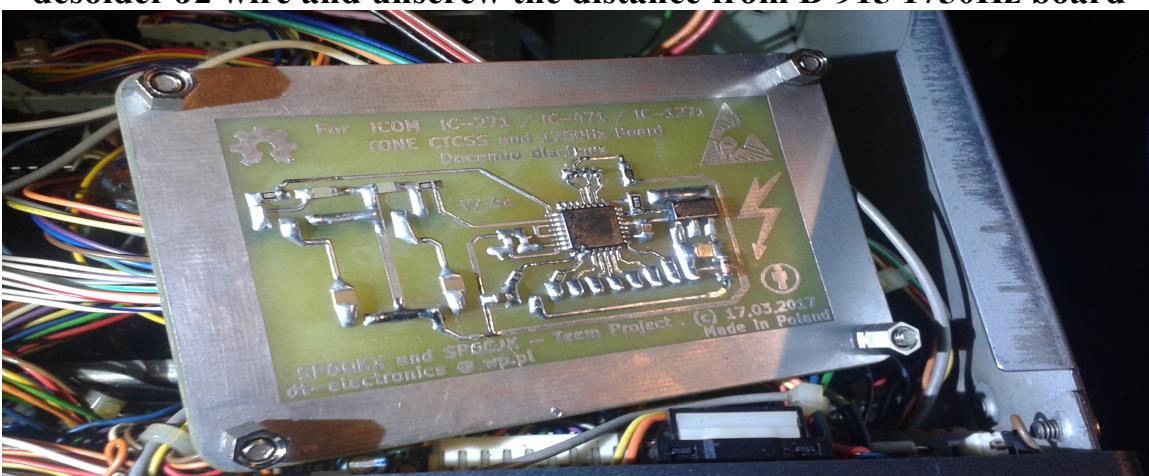
next unscrew the orginall B-915 1750Hz Unit

and desolder shielded wire from B915 - J2 connection to Main Unit J12,

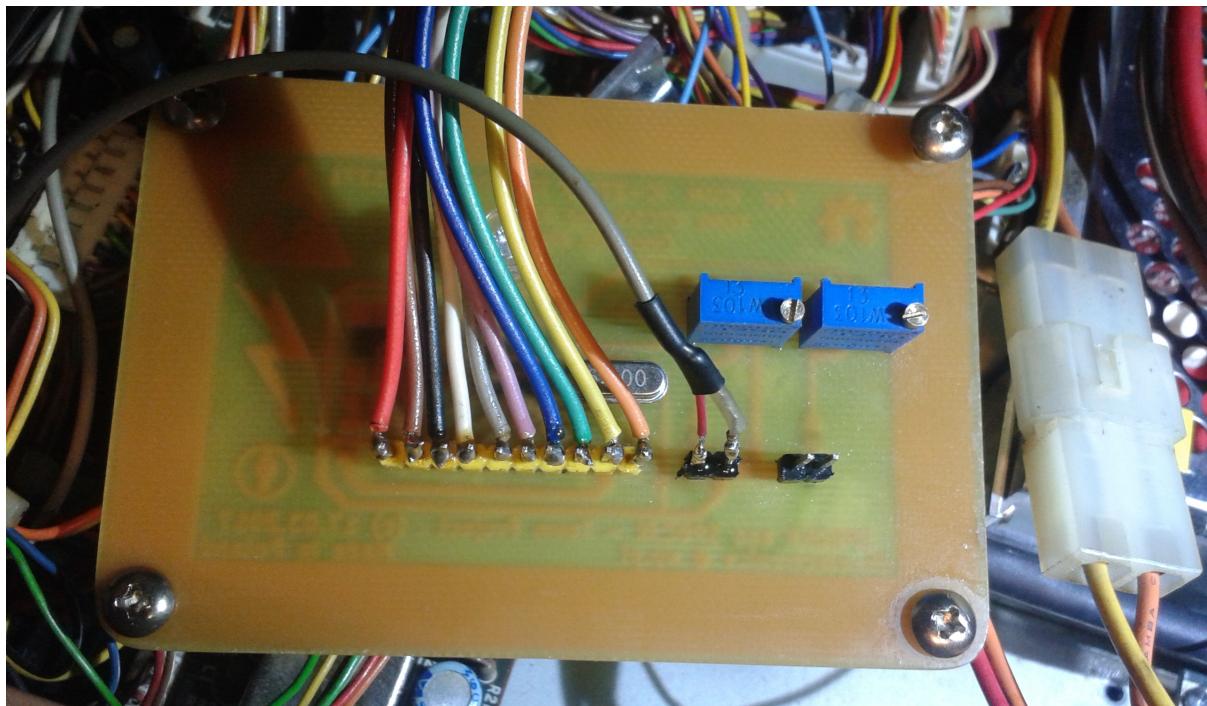
Sometimes connection to J14 then only need move the plug to wire to J12



desolder J2 wire and unscrew the distance from B-915 1750Hz board

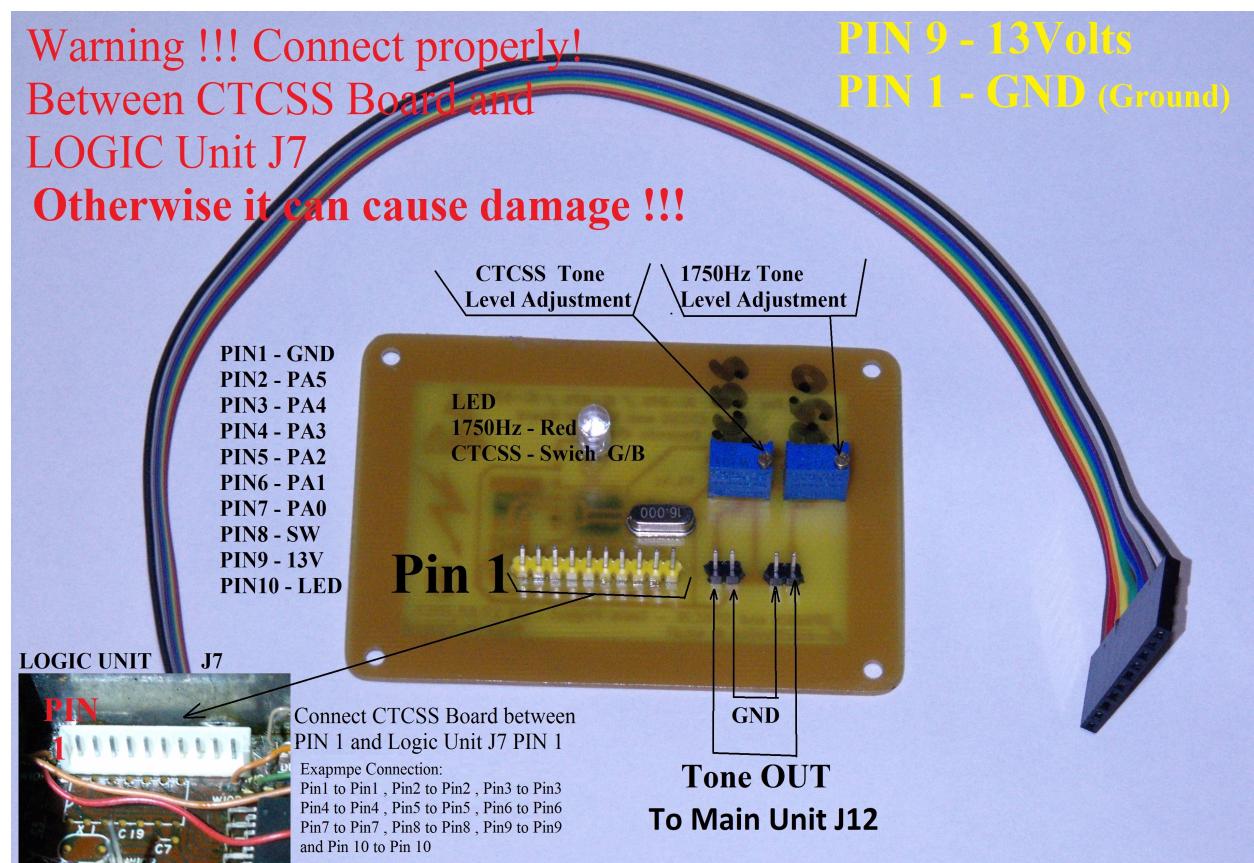


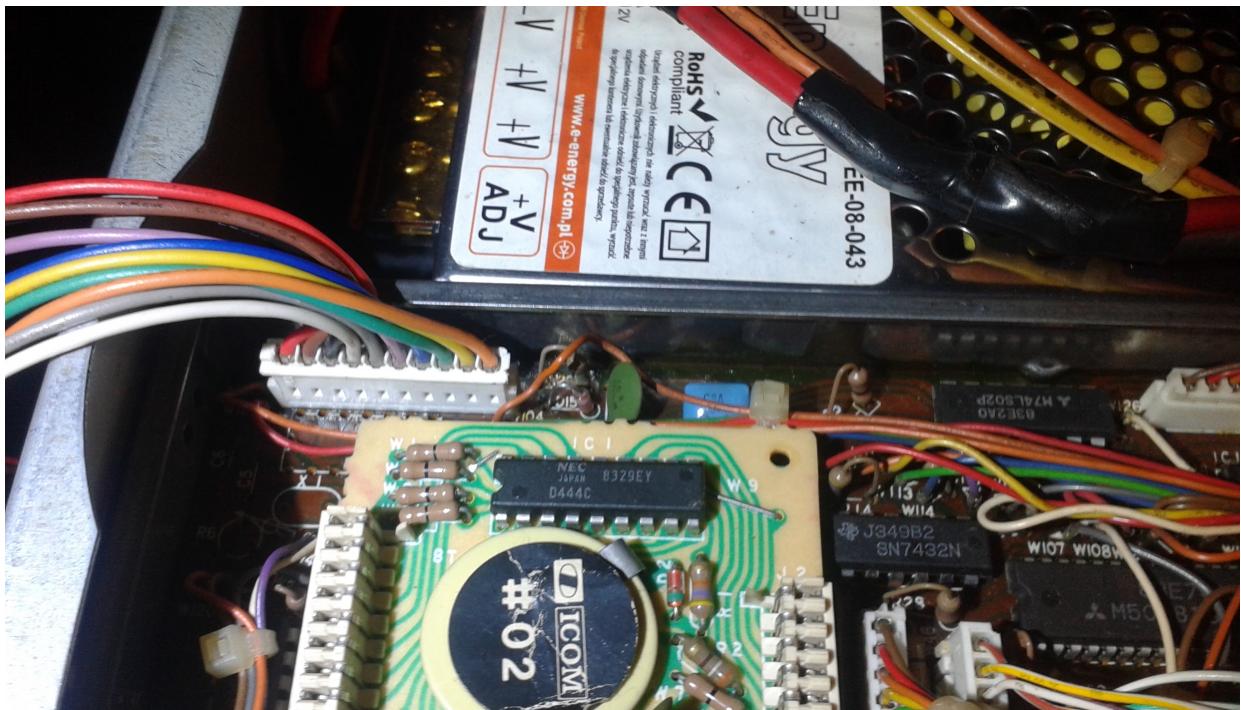
Screw on distance and install the CTCSS /1750Hz Board



Solder properly the shielded wire from Main J12 to CTCSS Module.

**Next need connecting propely and
carefull the 10 wire from CTCSS to J7 Logic Unit
Pin 1 to Pin 1 and so on Pin10 to Pin10**





**After proper instalation
Swich Power ON then LED on Board CTCSS
short time blinking for test**

**Can also adjust the level of CTCSS (about 40-60mV)
and also Tone 1750Hz about 1.2V.**

**When change tone CTCSS - LED blink from Green to Blue
- Hold the button SEL and move the Frequency Knob .**

**When Push the TONE will radio Transmit the 1750Hz Tone
on board CTCSS LED turn to RED color .**

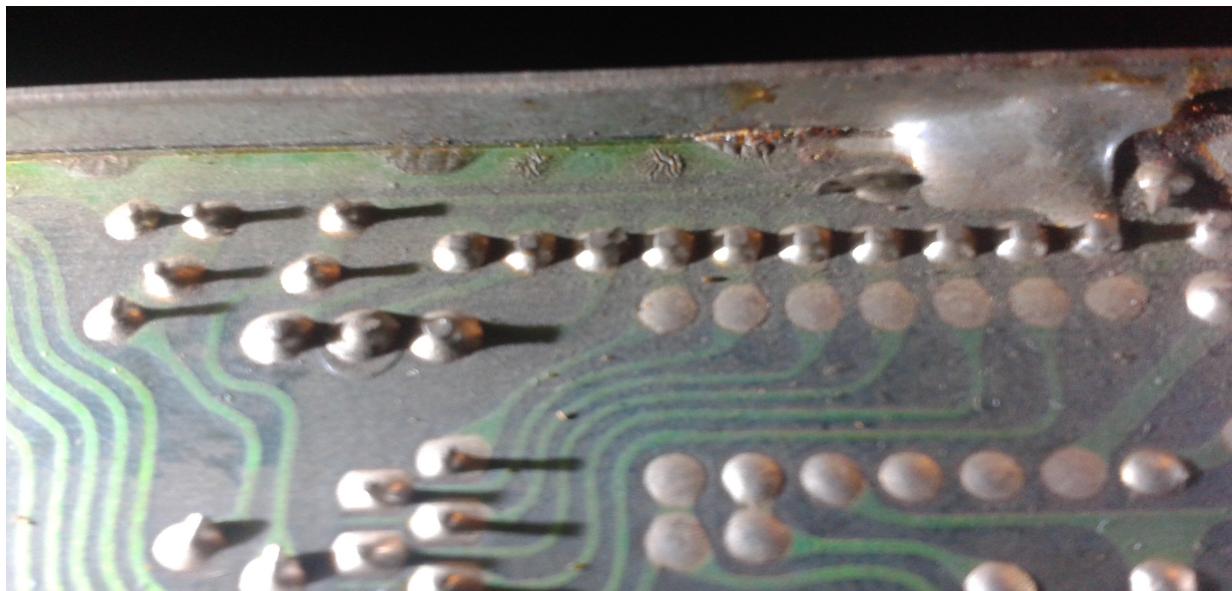
For DISABLE – OFF the Tone CTCSS set to position – 63

TONE CTCSS TABLE

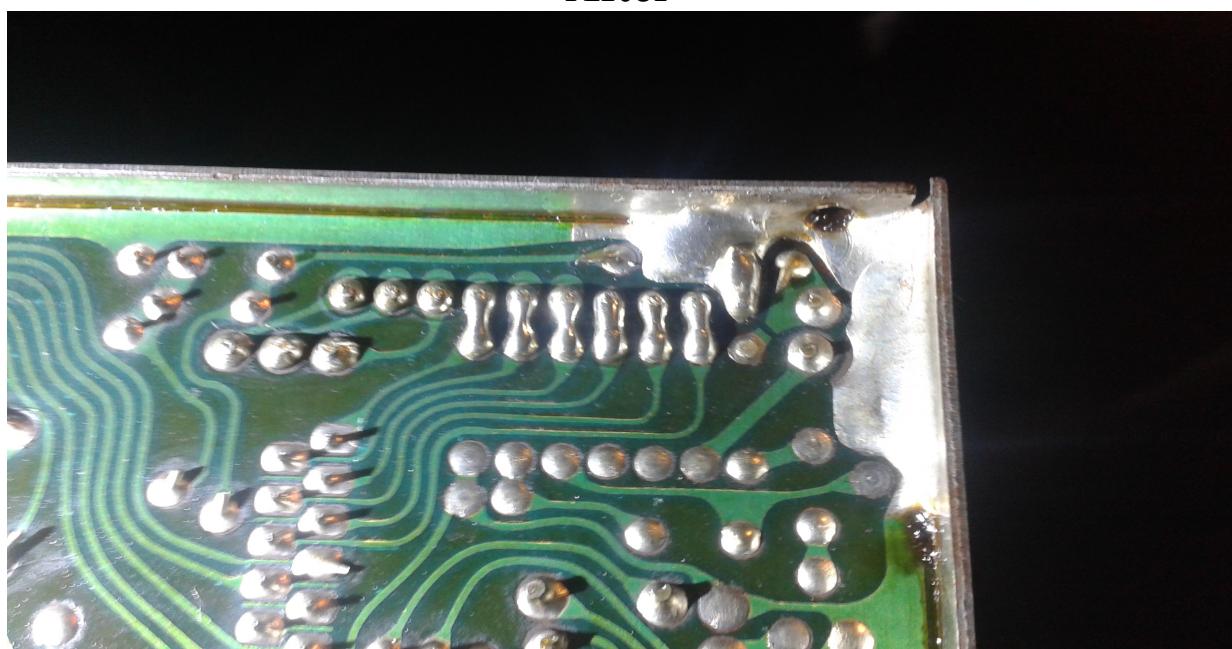
01 – 67.0 Hz	02 – 71.9 Hz	03 – 74.4 Hz	04 – 77.0 Hz	05 – 79.7 Hz
06 – 82.5Hz	07 – 85,4 Hz	08 – 88,5 Hz	09 – 91,5 Hz	10 – 94.8 Hz
11 – 97,4 Hz	12 – 100.0 Hz	13 – 103.5Hz	14 – 107.2 Hz	15 – 110.9 Hz
16 – 114.8 Hz	17 – 118,8 Hz	18 – 123.0 Hz	19 – 127.3 Hz	20 – 131.8 Hz
21 – 136.5 Hz	22 – 141.3 Hz	23 – 146.2 Hz	24 – 151.4 Hz	25 – 156.7 Hz
26 – 162.2 Hz	27 – 167.9 Hz	28 – 173.8 Hz	29 – 179.9 Hz	30 – 186.2 Hz
31 – 192.8 Hz	32 – 203.5 Hz	33 – 210.7 Hz	34 – 218.1 Hz	35 – 225.7 Hz
36 – 233.6 Hz	37 – 241.8 Hz	38 – 250.3 Hz	39 – 500 Hz	40 – 600 Hz
41 – 700 Hz	42 – 800 Hz	43 – 900 Hz	44 – 1000 Hz	45 – 1600 Hz
46 – 1700 Hz	47 – 1750 Hz	48 – 1800 Hz	49 – 1300 Hz	50 – 2000 Hz
51 – 2200 Hz	52 – 2975 Hz	53 – 2550 Hz	54 – 2295 Hz	55 – 2125 Hz
56 – 1275 Hz	57 – 1445 Hz	58 – 1100 Hz	59 – 1200 Hz	60 – 1300 Hz
61 – 1400 Hz	62 – 1500 Hz	63 – Tone OFF		

**If some problems at connecions LOGIC Unit (Cold Solder)
need cleaning and make new solder at the socket .
For better conection you can exchange socket for new one
GoldPin(10Pin 2.54mm)**

**The back side of LOGIC Unit!
Before**



After



**Thanks.
Best Regards
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