
Move Ground Post from here to here.
Move X Verter In jack over 1 inch as shown

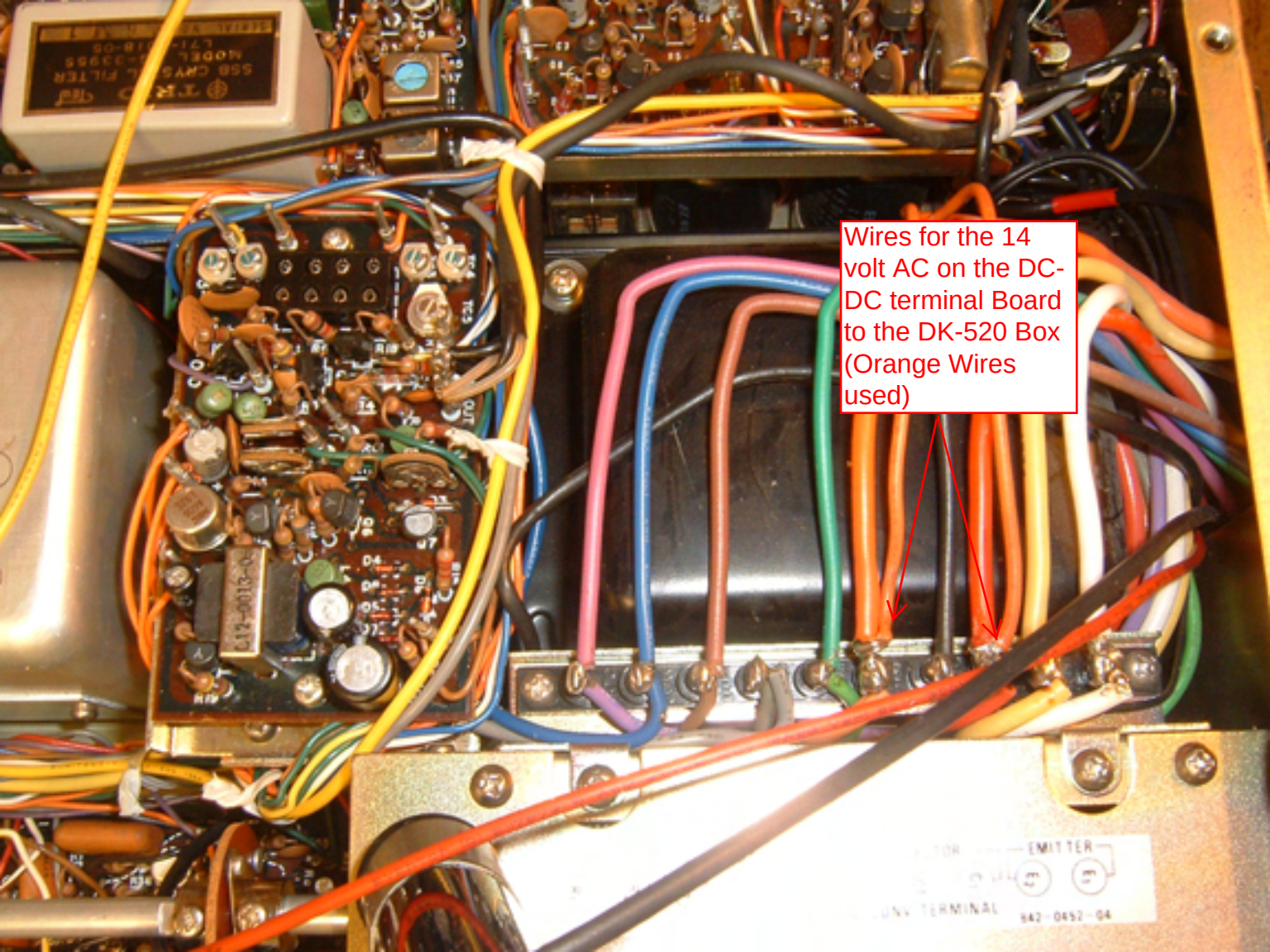

Box Base is installed using old Ground post hole using Bolt nut and lock washer.


4A
FUSE
120V
Marking the DC-DC converter cover for drilling for grommet


DK-520 Box
installed with RCA
jacks and Jones/
Cinch connectors
installed.
220V
4A
6A
120V
KENWOOD
MODEL TS-820
SSB
TRANSCEIVER

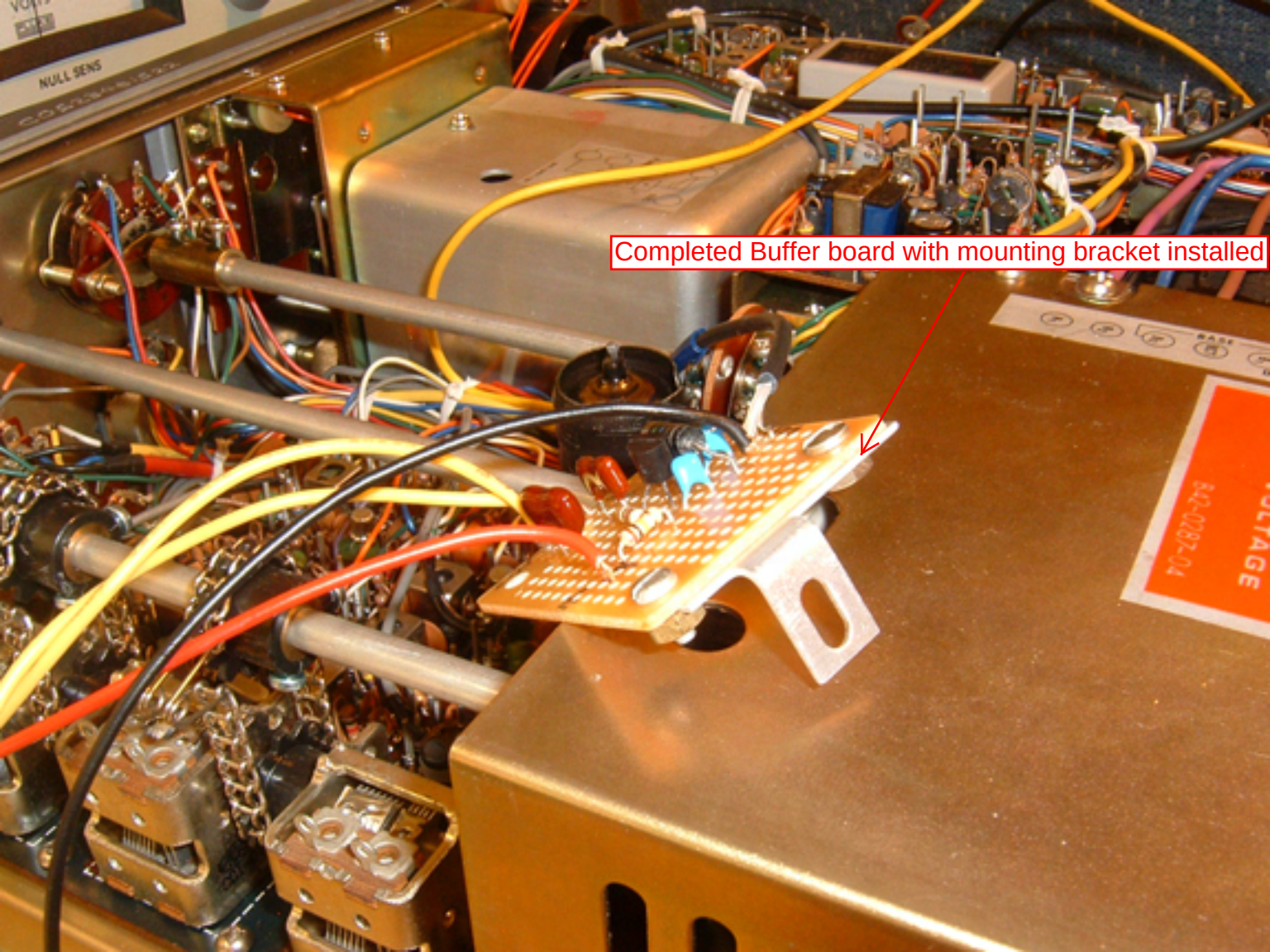

Closeup of grommet installation
220V
4A
FUSE
6A
120V

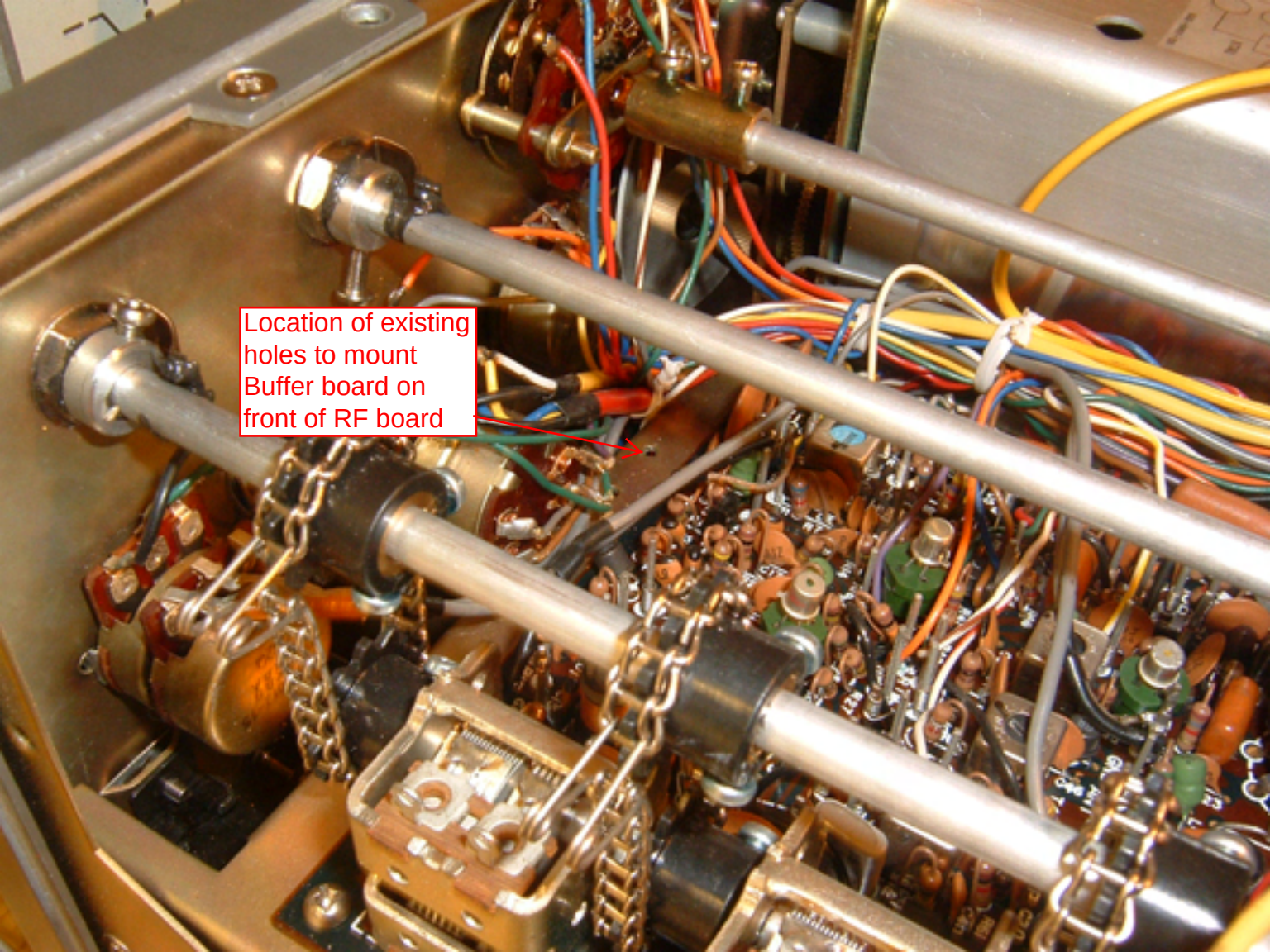

DK-520 Box wired and ready for the internal radio wiring

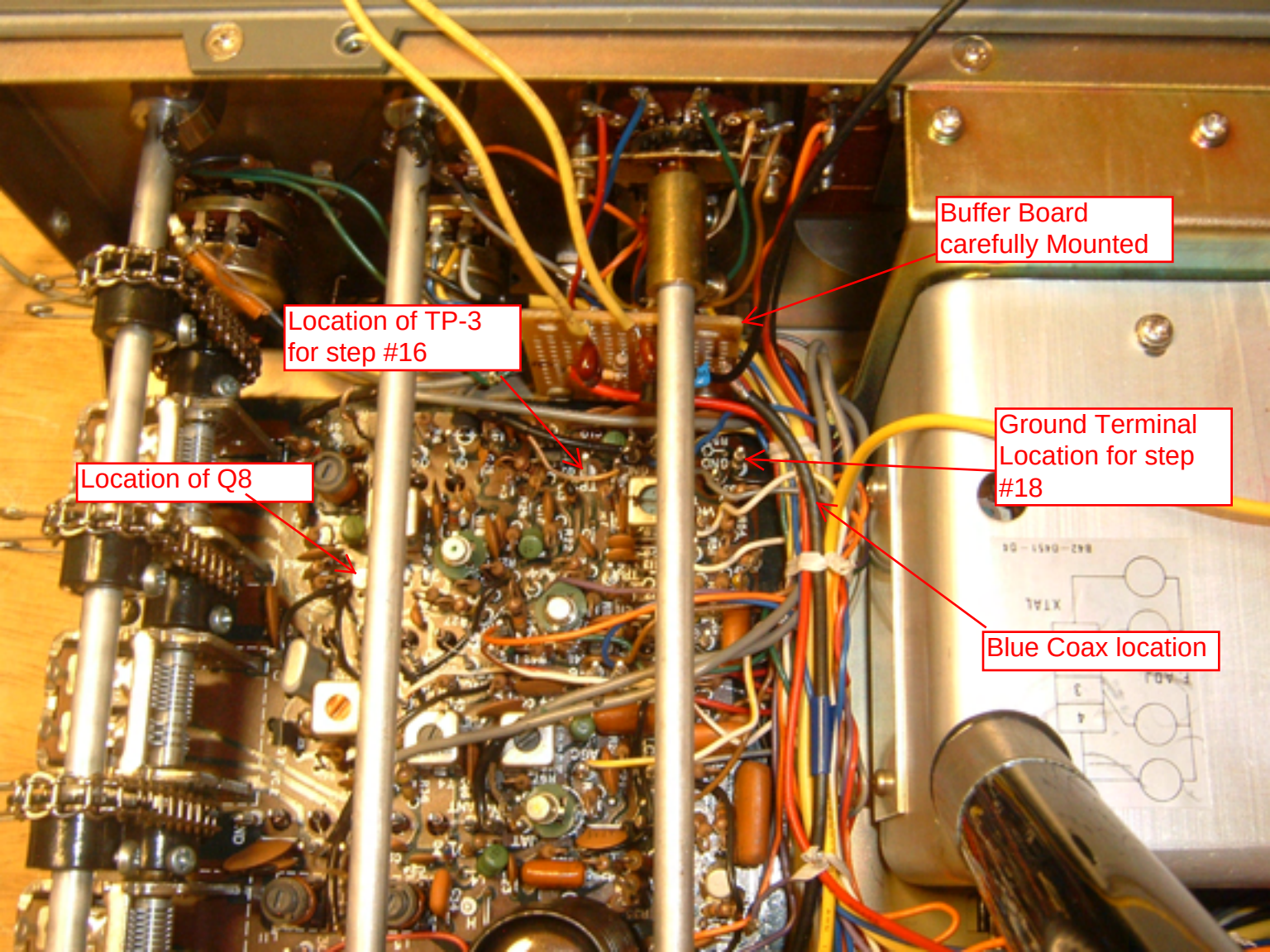

Wires for the 14 volt AC on the DC-DC terminal Board to the DK-520 Box (Orange Wires used)

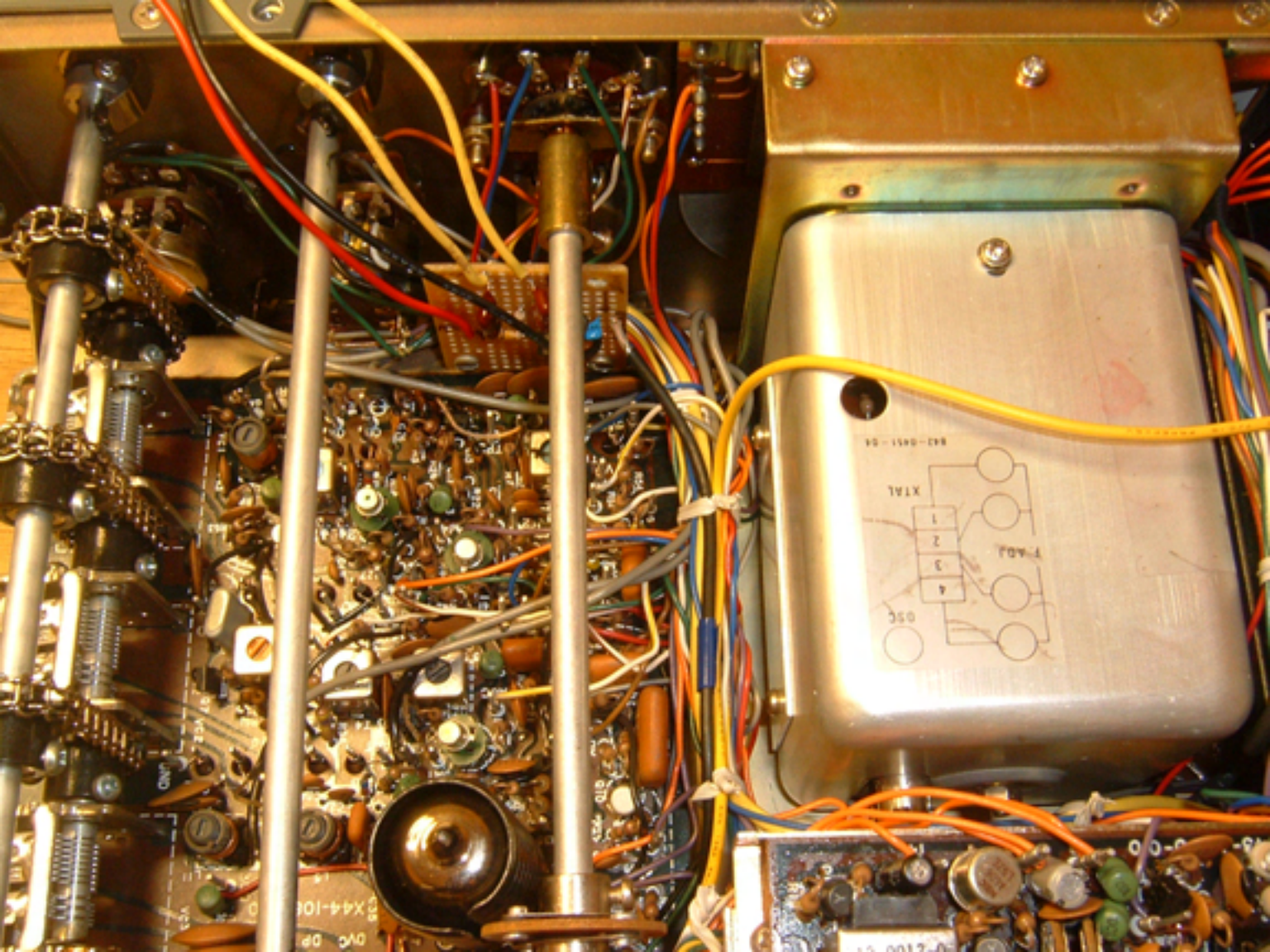

Ground Lug
location for steps
#9 and #25

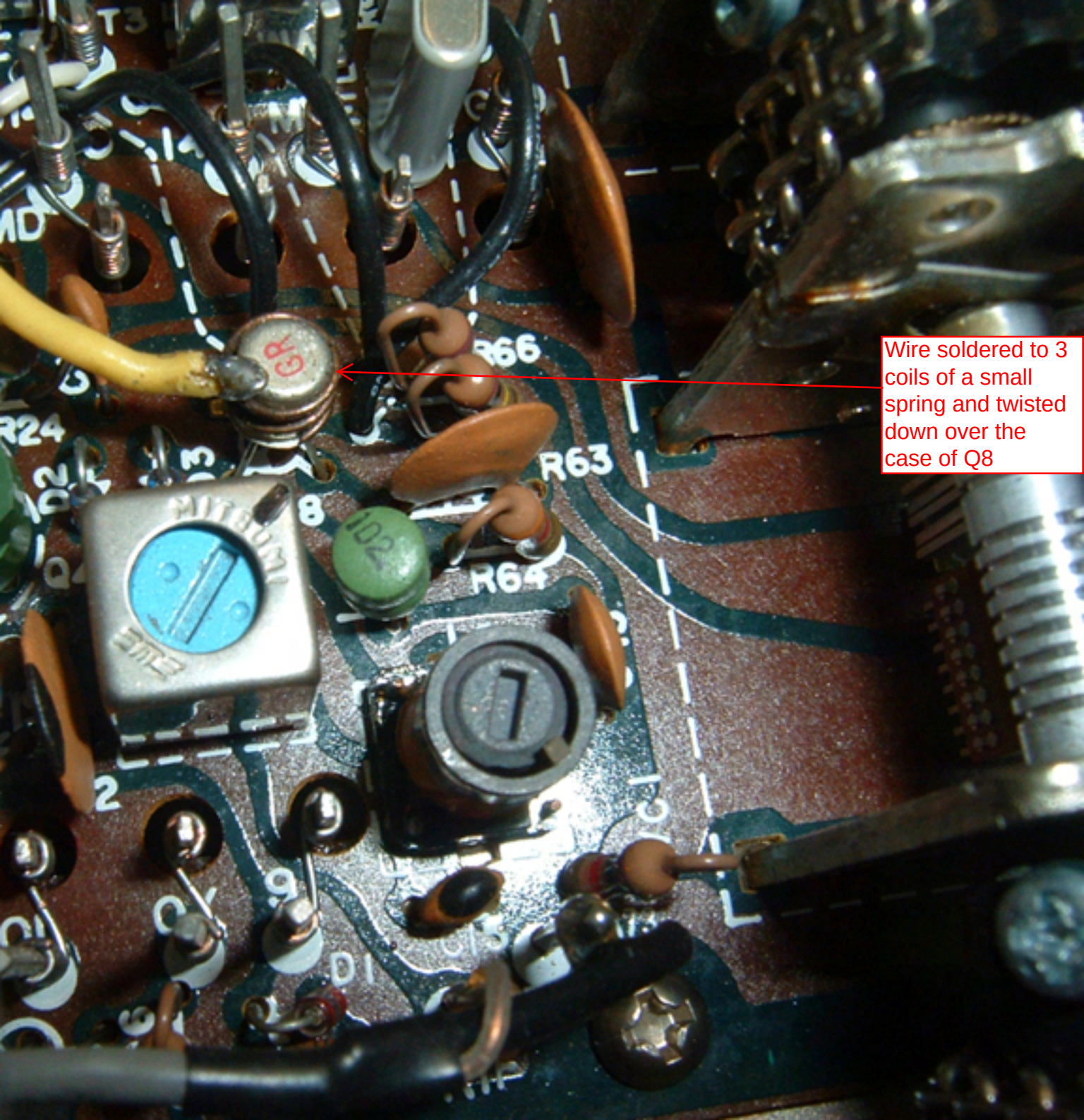

Wire RED Coax to
Remote VFO pins
1 and 2 as shown
is steps #11 and 12

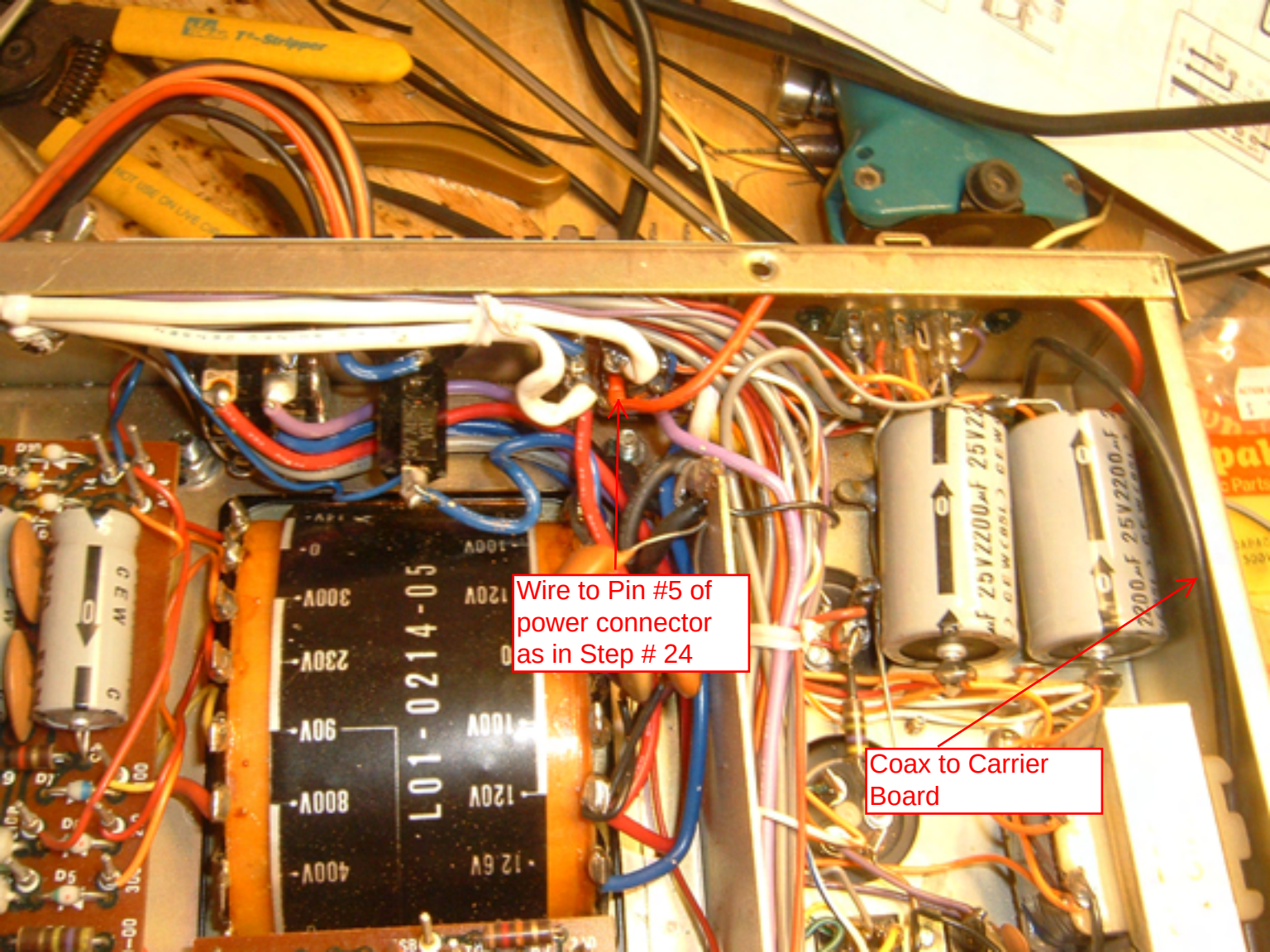

Completed Buffer board with mounting bracket installed


Location of existing
holes to mount
Buffer board on
front of RF board

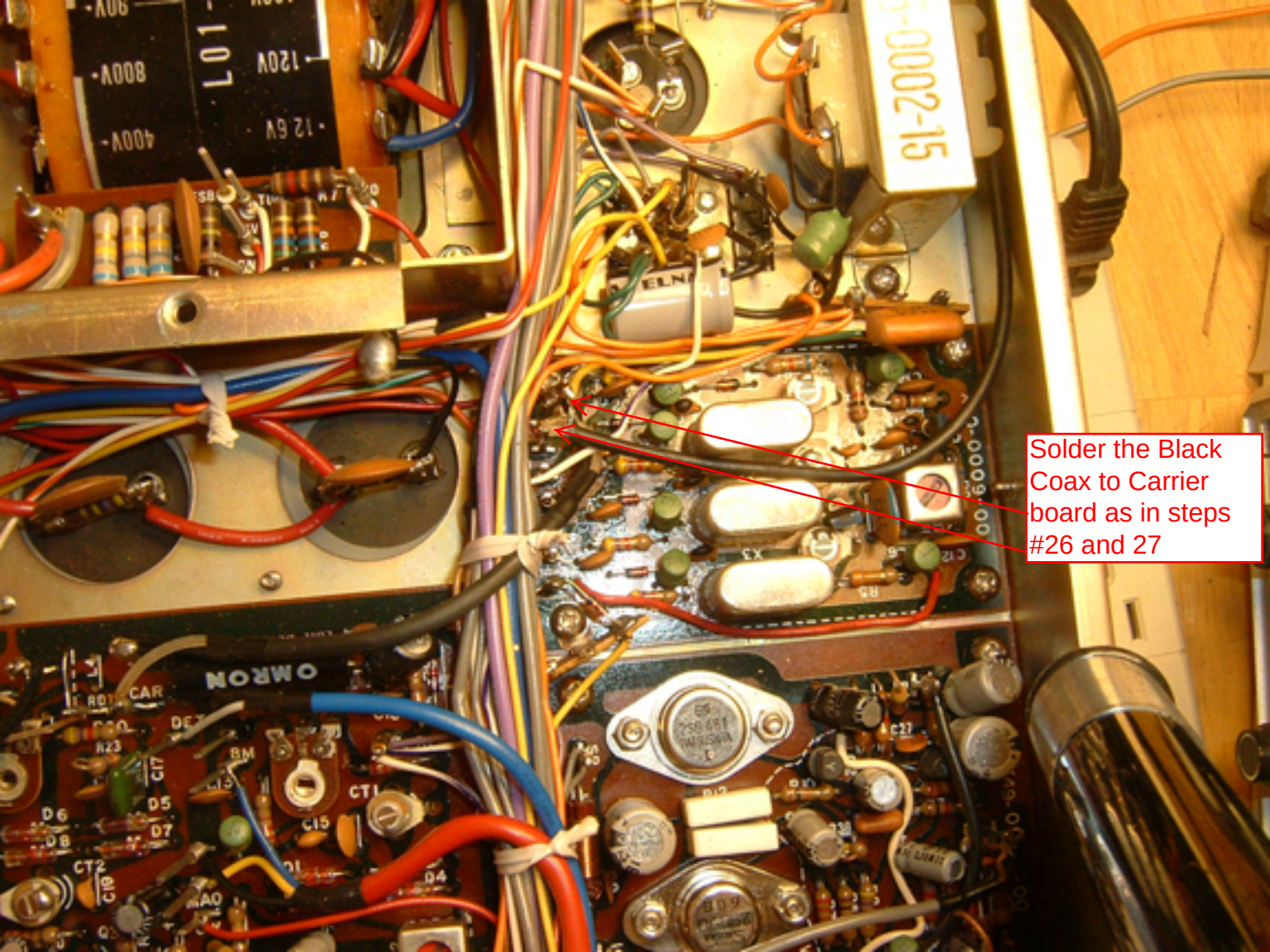

Buffer Board carefully Mounted
Location of TP-3 for step #16
Location of Q8
Ground Terminal Location for step #18
Blue Coax location

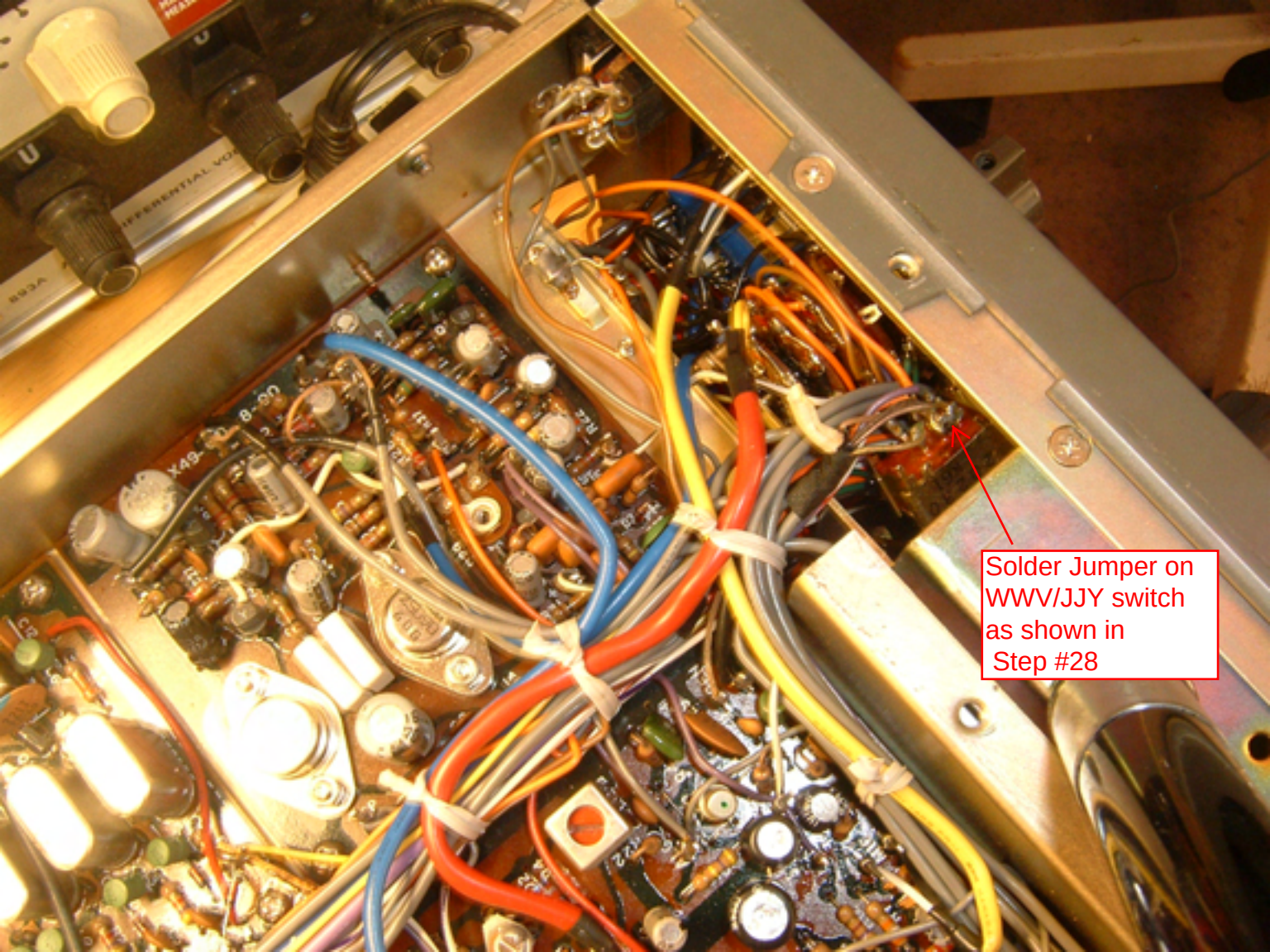

XTAL
OSC


Wire soldered to 3 coils of a small spring and twisted down over the case of Q8
R66
R63
R64
R24
GR
102


Wire to Pin #5 of power connector as in Step # 24
Coax to Carrier Board
L01-0214-05
300V
230V
90V
800V
400V
120V
100V
12V
12.6V


Cut Red wire to length and attach to terminal 14 on the Fix CH AVR board as shown in step #19


Solder the Black Coax to Carrier board as in steps #26 and 27


Solder Jumper on
WWV/JJY switch
as shown in
Step #28


Calibrating the display to WWV Carrier
10.000.0
DISPLAY
DH
COUNTER
ON OFF
KENWOOD DIGITAL DISPLAY DG-5
CH.SELECT
FIX
LSB USB
LOAD METER
RF
HV
LOAD
PLATE
RIT
DX PULL ON
MIC CAR
AF GAIN
KENWOOD SSB TRANSCEIVER
SEND
H.SW
VOX
NB
OFF
FAST
SLOW
MIC
PHONES
TUN
CW
USB
LSB
MODE
ON
OFF
JJY/WWV
TS-520
RIT
BAND
25 KHz
RMT
FIX
CAL
VFO
VFO.R
FIX.R
FIX
FUNCTION
POWER


14.182.0
DISPLAY
DH
COUNTER
ON OFF
DIGITAL DISPLAY
DG-5
Listening to QSO on 14.182 after calibration with WWV Carrier
CH.SELECT
FIX
LSB USB
LOAD METER
PLATE
RIT
DX PULL ON
MIC CAR
AF GAIN
KENWOOD SSB TRANSCEIVER
SEND
H.SW
VOX
NB
OFF
FAST
SLOW
MIC
PHONES
CW
USB
LSB
TUN
MODE
ON
OFF
JJY/WWV
TS-520
RIT
BAND
VFO
VFO.R
RMT
FIX.R
FIX
CAL
FUNCTION
POWER

Listening to QSO on 14.192 and verifying using a Frequency Generator