



# SERVICE BULLETIN

1/2

from: TRIO-KENWOOD COMMUNICATIONS, INC.

TS-180

#839

SUBJECT: TS-180 VFO STABILITY

DATE 12/29/80

VFO drift characteristics may be improved by changing a capacitor value and location in the VFO.

1. Begin by calibrating the analog dial to the Digital Display at 14.000.0 MHz. DO NOT disturb this calibration while working on the VFO.
2. Turn off the main power and remove the VFO unit by two 3mm hex head bolts.
3. Withdraw out the front panel and unplug the leads.
4. Remove the VFO cover by five Phillips head screws.
5. Remove C17 from the PCB. This may be cut flush to the board.
6. Install the 18 pF yellow cap across the tank coil terminals. Position the cap near the coil.
7. To reassemble, performs steps 3, 2. Snug all VFO case screws. A later complaint of frequency jump would indicate a loose VFO shell.
8. Turn on the radio and check analog dial calibration against the Digital Display. Adjust VC1 (center of the Seal Tape) only if the zero- point has moved.
9. VFO linearity final check: The Digital readout and analog dial should agree to within +/- 2 kHz at every 100 kHz dial point.

New Part: 18pF CC45RG1H180J  
Old Part: 18pF CC45PG1H180J

JEB/yn

