

Please note that this modification applies only to FRG-7 sets bearing the serial numbers 502001 - 505999 and 060001 - 072000. (This may be purchased as a kit).

PARTS REQUIRED:

Variable Capacitor	5 pf TSN 150SX05	(1) each
VC Spacer	003587	(1) each
Knob	FT-20	(1) each
Capacitor	33 pf, 50 WV	(1) each

MODIFICATION:

1. Remove chassis from cabinet.
2. Remove (4) screws holding the aluminum frame surrounding the front panel, and detach it from the front panel.
3. Remove all the knobs on the front panel.
4. Remove the escutcheon from the front panel.
5. Unsolder the wires from the lock lamp.
6. Remove the nuts which lock the BAND switch and the MODE switch.
7. Remove the four screws which fasten the front panel to the inside panel.
8. Drill a 14 mm hole on the front panel as illustrated.
9. Drill a 7.5 mm hole on the Inside panel as illustrated.
10. Install a variable capacitor to the inside panel through a spacer as illustrated.
11. Re-assemble the front panel and attach it back to the inside panel. Fasten the knob supplied to the variable capacitor shaft.
12. Replace C458, 51 pf capacitor on PB-1528 with the 33 pf capacitor.
13. Wire the variable capacitor installed in Step (10) in parallel with the VFO variable capacitor as illustrated.

ALIGNMENT: (A slight alignment is necessary to calibrate the VFO dial).

1. Connect a frequency counter (YC-355 or YC-500) to TP404.
2. Locate ▲ mark on the high frequency end of the VFO drum and set the dial so that the ▲ mark fits to the dial hairline.
3. Set the dial set knob at center. Set the fine tuning knob so that the capacitance is at half value.
4. Set the VFO to 1000 kHz and adjust T403 to get 2455 kHz on the frequency counter. Then, set the VFO to 0 kHz and adjust T403 to get 3455 kHz on the counter.

REPEAT THIS PROCEDURE UNTIL TRACKING IS COMPLETED.

FRG-7 Installation of fine tuning.

1. Check the
2. Check the

