



# YF-3395C-1

## CW CRYSTAL FILTER UNIT

Manufactured by  
TRIO ELECTRONICS, INC., TOKYO, JAPAN

In CW operation, the YF-3395C-1 filter having a sharp selectivity is useful for QRM. A selectivity is more than 500 Hz at (-6dB) and less than 1500 Hz (at -60dB). The filter is easily mounted to TS-515 transceiver.

### INSTALLATION OF THE FILTER

The following tools will be required for installing the CW filter.

Philips screwdriver	1
3 mm nutdriver	1
Cutting nipper	1
Soldering iron and solder	1 set

Before starting the mounting of the CW filter, make sure that the power switch is at OFF.

- (1) First remove the top and bottom covers from the TS-515, referring to SECTION 5. ALIGNMENT & MAINTENANCE. And then install the CW filter next to the SSB filter on the IF unit (X48-0012-00 or X48-0012-01), located at the rear part of the transceiver and fix it with nuts and solder its pins.
- (2) Soldering should be carried out with as small as amount of solder and as quick as possible.
- (3) Cut away the jamper wires from the both sides of the CW filter using the cutting nipper (Fig 1) and make a clearance between the wires.
- (4) Disconnect the gray/white striped vinyl coated wire from the CWR terminal on the CARRIER unit (X50-0009-00), located inside the chassis, and replace it to the CWT terminal by soldering. Then cut the brown/white striped vinyl coated wire from the LSB terminal, and replace it to the CWR terminal by soldering. The installation work is now completed (Fig. 2).
- (5) Mount the top and bottom covers onto the transceiver set.

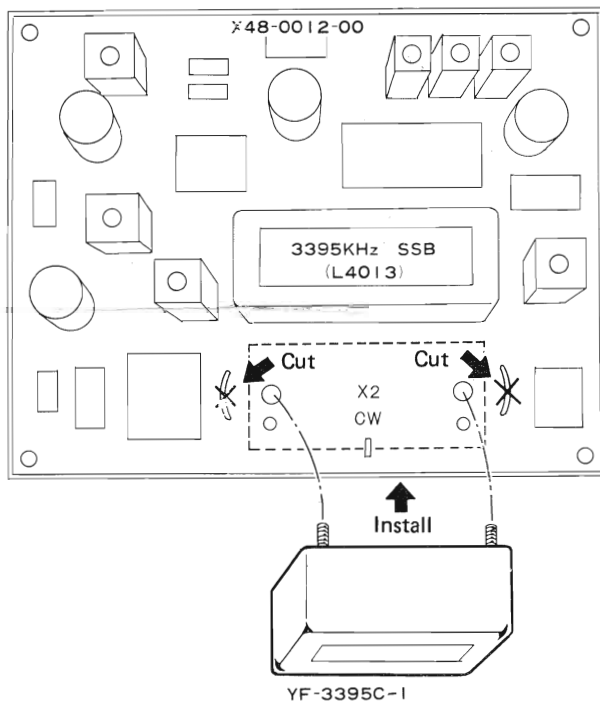


Fig. 1. Installing CW Filter

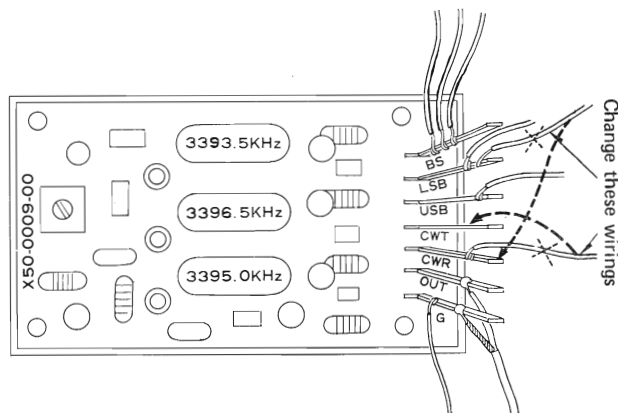


Fig. 2. Changing Wirings in CARRIER Unit