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. Soldering should be carried out with as small as amount of solder and as quick as possible.

2. 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.

3. 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).

4. Mount the top and bottom covers onto the transceiver set.