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TECHNICAL INFORMATION #928

ZIB-121

To: ICOM Distributors
From: ICOM Inc. / Service Department
Date: December 3, 2002

Service handling necessary:
 Yes No

Re: Improvement of RF feedback for the IC706MK2G

This is to inform you of the method of the measure against RF feedback problem of IC-706MK2G. Some distributors have reported the symptom mentioned below. Therefore, if you receive a similar claim, please make the modification.

Model: IC-706MK2G (All versions)

Symptom

The RF feedback occurs when SWR condition get worse. This symptom appears on 18 and 21MHz bands mostly at the condition when the SWR is more than 2:1.

Procedure of this modification:

- 1) Add the following part on the FILTER board. (See the attached location.)

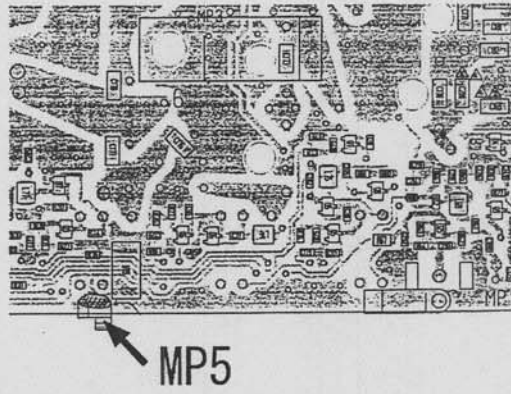
| Board | Parts Number | Parts Number (Old) | Parts Number (New) | Action Taken |
|--------|--------------|--------------------|------------------------|--------------|
| FILTER | MP5 | None | 8930055970 | Added |
| | | | SPRING 2177 GND SPRING | |

- 2) Re-adjust the position of all ground springs on the PLL board, ensure the good ground contact between PCB and chassis.

Note:

1. This modification has not been implemented in on-going products at the moment and the serial number of improved units will be announced later.
2. No need to make any alignment for modified transceivers.

FILTER Board



PLL Board

