

## MODIFICATION INSTRUCTIONS

This modification covers the installation of a 2 ppm Reference Oscillator Kit (19A705159P3) in a RANGR HB or UHF radio.

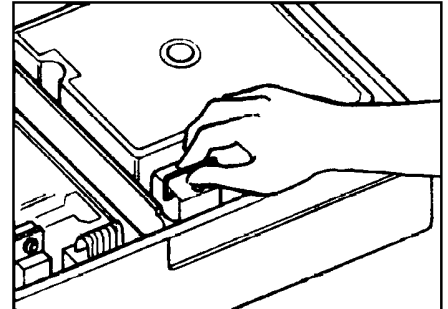
### PARTS REQUIRED

RANGR HB/UHF Modification Kit 19A705159P3 consisting of:

1. 2 ppm Reference Oscillator Unit (ID No. NJC3092C).
2. Label. (B19/MPNN22095A for HB and B19/MPNN22141 for UHF. Refer to Mechanical Layout Diagram of the appropriate Maintenance Manual.)
3. Clear label overlay.

### TOOLS REQUIRED

1. Screwdriver, TORX T-25
2. Tuning tool (supplied with the radio).



### PROCEDURE

1. Remove the top cover from the radio.
2. Remove the existing Reference Oscillator by pulling carefully on the handle.
3. Plug the replacement 2 ppm Reference Oscillator in the same location, being careful to align the contact pins with the sockets on the PC board.

**LABELING** (Only required if a 5 ppm radio is being upgraded to 2 ppm stability.)

1. On the blank label, enter the serial number and part number as shown on the existing label. Copy the existing FCC ID number with an additional digit "2". For example, FCC ID number AXA9HHTR-164-B would become AXA9HHTR-164-B2.
2. Peel the label from its backing and attach over existing label.
3. Peel the clear overlay from its backing and attach over the new label.

### TEST

1. Refer to the appropriate Maintenance Manual for the procedure to follow to set up the Reference Oscillator frequency.
2. Replace the top cover on the radio.



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