BC205-xltODS
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Date: Fri, 26 May 89 08:51:34 edt
From: <PZS@MERCURY.MCEO.DG.COM>
Subject: Mods for BC200/205XLT

CEO file contents:

The following was received from Grove Enterprises with my friend's BC200XLT.

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BC200/205XLT CELLULAR RESTORATION

Note: It is unlawful to monitor cellular telephone conversations. It is possible to monitor signals from the deleted ranges even without conversion. Simply add 21.7 MHz to the deleted frequency and enter the higher (image) frequency. Reception is virtually identical in strength to that which would be heard on the deleted frequency.

The frequencies deleted at the factory may be restored, but the procedure must not be attempted by anyone unfamiliar with electronic circuitry. Grove Enterprises assumes no liability for damage caused by this procedure. The modification will void your warranty.

TOOLS REQUIRED: Small Phillips screwdriver, small wire cutters.

1. Slide off the battery pack and remove the antenna from the scanner.

2. Using a small Phillips screwdriver, remove the two screws from the back of the scanner, the two screws which hold the battery retaining spring at the base and the spring itself.

3. Carefully pry the bottom of the rear cover from the radio and remove the cover.

4. Locate the two small screws at the base of the circuit board and remove them. Gently pull the front panel from the mainframe at the base and separate them.

5. Locate the (64 pin quad flatpack) microprocessor IC labelled "UNIDEN UC-1147" and the 10k ohm (brown-black-orange) leadless resistor positioned above the letters "DEN" on the IC.

6. Using miniature wire cutters, cut the resistor body in two without disturbing anything else near it. If the left solder pad comes loose, it may be peeled from the board. Brush or blow away any residue. This completes the restoration.

REASSEMBLY

7. Insert the top of the front panel into the slot under the volume/squelch control panel and, noting carefully the alignment of the dual inline connector at the bottom of the board with the mating socket, press the front panel firmly into place. Be sure that the holes at the bottom of the circuit board line up with the holes in the plastic standoffs below them. Insert the two screws and gently tighten them.

8. Replace the back cover by inserting the top of the cover into the slot under the volume/squelch control panel; press the cover into place, insert and tighten the screws.

9. Reposition the battery retaining spring (slotted side toward notched hole), insert the two remaining screws and gently but securely tighten them.

10. Slide the battery pack into place; switch the scanner on to make sure the display comes on. If not, the battery is discharged or the dual-inline connector was misaligned during assembly (see step 7).

Assuming the display comes on, press: MANUAL, 845.0, E; within two seconds, the frequency 845.000 should appear on the display.