



TECHNICAL NOTE 01-95

MOBILE MAP PLUS DISPLAY

INSTALLATION OF REPLACEMENT ACKNOWLEDGE SWITCHES

INTRODUCTION

The following information is provided to help install replacement acknowledge switches on Mobile Map Plus Display Units. The acknowledge switch is mounted on the top of the Mobile Map Plus Display. There are two versions of the acknowledge switch. Earlier models have a yellow colored lighted switch. Later models have an unlighted red switch, some with and some without a protective bezel.

REPLACEMENT

1. Disconnect all power to the display unit. Remove the graphic faceplate by removing the four screws in accordance with the instruction manual. Carefully move the graphic faceplate to the side protecting the display wiring.
2. Locate the wiring coming from the existing acknowledge switch. The yellow lighted switch has four wires and two 2-pin connectors into the circuit board. The red switch has two wires and one 2-pin connector. The new switch is wired like the red switch with one connector plugging into the board.
3. Unplug and remove the old switch. Install the new switch in its place. Tighten the switch so it cannot be rotated in the hole. Note that the hole is square but the new switch will "screw" neatly into the hole.
4. Connect the 2-pin connector to the appropriate mating connector on the circuit board. The connector is marked J5 on the older boards (location: left edge of board). The connector is marked P15 and labeled Alarm ACK on the newer boards (location: bottom edge of board).
5. Carefully reinstall the graphic faceplate taking care to be sure the lamp wiring is not twisted or pinched. Reinstall the four faceplate screws.
6. Reinstall and power up the display. Send an alarm and verify that the acknowledge switch properly silences the audible alarm.

If you have any questions, please do not hesitate to call the factory at **CDT**.