MODEL CR-100

AVI-X TRANSMITTER CODE READER

OPERATING INSTRUCTIONS

I. General

The CR-100 Code Reader is a device that is used to identify the codes assigned to Model AVI-X Automatic Vehicle Identification transmitters. The three components of the Code Reader are a hand-held control unit, a locating wand, and a telephone handset cord.

II. Indicators and Controls

i. Power Pushbutton

The red pushbutton on the control unit labeled **POWER** is used to activate the device.

ii. Battery Condition LEDs

The control unit has two LED indicators. The green LED indicator labeled **GOOD** provides an indication of adequate battery voltage. The red LED indicator labeled **BAD** indicates low battery voltage. If the red LED is illuminated, the nine volt battery inside the unit should be replaced.

iii. AVI Code Display

The Code Reader incorporates a six character LED display that is used to provide an indication of the code assigned to the AVI-X transmitter being read. The Code Reader is capable of reading and displaying valid codes ranging from **0** to **19,683**.

III. Operating Instructions

1. Ensure that the AVI-X transmitter you are trying to identify is active. It must be properly connected to 12 volt DC power source.

2. The Code Reader comes with a nine volt battery that must be installed prior to use. To install the battery, slide open the battery compartment cover on the back of the control unit and connect the battery to the battery clip. Replace the battery compartment cover. To check the battery condition, press and hold the **POWER** button. If the green LED in the **BATTERY CONDITION** box labeled **GOOD** is illuminated, the battery voltage is adequate. If the red LED labeled **BAD** is illuminated, the battery voltage is low and the battery should be replaced.

3. Connect the locating wand to the control unit using the telephone handset cord.

4. To identify a coded AVI-X transmitter, position the loop on the end of the locating wand below the transmitter. Press and hold the **POWER** pushbutton and read the code on the LED display.

**CR-100 In Use
(Code 9841 Being Read)**

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