

## PROCEDURE TO RECEIVE AND TRANSMIT

### A. PROCEDURE TO RECEIVE

1. Before turning on the radio, make sure the radio is properly installed in your vehicle and that the microphone and antenna have been connected. Make sure your antenna has been properly matched to your radio.
2. Turn unit on by turning the ON/OFF VOL knob clockwise .
3. Make sure your radio is set to CB and not PA.
4. Adjust the squelch so that any background noise is eliminated. See prior section of this manual for information on how to properly adjust the squelch.
5. Turn the channel selector to the channel you wish to monitor.
6. Turn the RF gain control fully clockwise initially, and then adjust when a signal is received.

### B. PROCEDURE TO TRANSMIT

1. Before turning on the radio, make sure the radio is properly installed in your vehicle and that the microphone and antenna have been connected. Make sure your antenna has been properly matched to your radio.
2. Turn unit on by turning the ON/OFF VOL knob clockwise.
3. Make sure your radio is set to CB and not PA.
4. Set the MIC GAIN control to maximum gain.
5. To transmit over your radio, hold the microphone approximately two inches from your mouth. Depress the push-to-talk switch on the microphone and talk in a clear voice. When you release the push-to-talk switch, the radio will be in the receive mode.

- 11 -

## MICROPHONE INSTALLATION AND SUBSTITUTES

This radio is designed for use with, and supplied with, a low impedance dynamic microphone. If you replace the microphone supplied with this radio, you should use either a low-impedance microphone, or a transistorized one.

Replacement microphones must have a four-lead cable to properly work with this radio. The microphone should be wired in accordance with the microphone wiring table and schematic below.

### 4 WIRE MIC CABLE

Pin Number	Mic. Cable Lead
1	Audio Shield
2	Audio Lead
3	Transmit Control
4	Receive Control

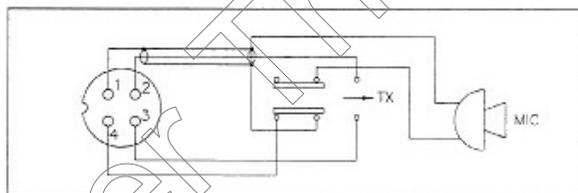


Fig. 1 Schematic of microphone

If the new microphone you are using has pre-cut leads, you must re-connect the leads in the following manner :

1. Cut leads so that they extend 7/16" beyond the insulating jacket of the cable. All leads should be approximately the same length.
2. Strip approximately 1/8" of the insulation. Tin all leads and connections before soldering.

- 12 -