

If your CB is not working as it should, follow the suggestion below to see if you can eliminate the problem. If you cannot, take the CB to your local Radio Shack store for assistance.

Symptom	Check & Solution
Trouble with reception.	<p>Be sure the CB is turned on.            Be sure the PA button is not pressed in.            Be sure VOLUME is turned up.            Be sure SQUELCH is adjusted properly.            Be sure the microphone is securely connected to the CB.            Be sure the antenna cable is securely connected to both the antenna and the CB.</p>
Trouble with transmission.	<p>Be sure the microphone is securely connected to the CB.            Extend the antenna to its full length.            Clean and tighten all connectors.            Be sure you are fully pressing the microphone talk button.            Be sure the antenna cable is securely connected to both the antenna and the CB.</p>
No channel selection.	<p>Be sure the PA button is not pressed in.            Be sure the CH9 button is not pressed in.</p>
CB does not work at all.	<p>Check the power supply (either automobile or 12V DC) and in-line fuse (replace only with an identical 2-amp fuse; see "Replacing the Fuse").</p>

#### REDUCING NOISE

The Automatic Noise Limiting (ANL) circuit helps keep background noise to a minimum. However, strong sources such as your vehicle's ignition, another radio, or spark plugs may be more than the circuit can compensate for.

If you operate the TRC-483 with the vehicle's engine off, you should not have problems with noise. If you use the CB with the engine on, you can determine the source of the noise by turning off the engine and operating the CB with the ignition set to ACC. If most or all of the noise goes away, the problem is in your vehicle's ignition or electrical system.

Here are a few hints to help you reduce or eliminate such noise:

Replace old ignition wires with new, high-voltage, noise-suppression wires.

Install noise suppressors on your spark plugs, or install new spark plugs that have built-in suppressors.

Be sure that the ground connection (black wire) is secure.

If the problems persist, check your alternator/generator, regulator, and gauges. Noise from these sources can be reduced or eliminated using bypass capacitors at the various output voltage points.

Your local Radio Shack store has a wide selection of noise-suppression accessories.

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