

# BULLSEYE® CO2 Leak Detector



**Step 1.** Remove electronic leak detector from kit and turn on unit, allow unit to warm up the CO2 sensor tip. When unit is ready the red light will shut off and the green ready light will turn on, this will take about 90 seconds. For best results the leak detector CO2 sensor should be allowed to fully warm up for about 5 minutes.



**Step 2.** Using the electronic leak detector go around the system to identify the leak site area. While moving the CO2 probe tip around the system it is best to keep the CO2 sensor face perpendicular to the surface being tested. **Note: If tip is bumped against the surface being tested the detector may momentarily go off, this false alert will go off right away. If the leak detector senses CO2 gas the alert will stay on for 10 to 40 seconds.**

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**Step 3.** When CO2 gas is detected the LED display bar is activated along with the audio alert (loud beeping noise). Once the detector has sensed CO2 the alerts will continue for about 10 to 40 seconds;  
**Note:** Remove sensor from leak site area and let the unit stop beeping on its own. Once the detector has stopped beeping you can now retest the leak site area with the CO2 detector.



**WARNING!** <http://www.atnsm.com/assets/bullseye-5-t>  
Do not allow coolant or coolant vapor to get on CO2 sensor at end of yellow flex tube! This will damage CO2 sensor and will require the CO2 sensor to be replaced. Do not hold probe over radiator neck or coolant neck bottle while engine is running. This will allow coolant vapor to get on CO2 sensing probe.  
**Note:** Never directly hit or drop the leak detector on the CO2 sensor tip, this will cause the sensor to become damaged!

**Check out these links online to discover additional uses for the Bullseye Leak Detector:**

<http://www.atnsm.com/assets/bullseye-1-air-conditioning.pdf>

<http://www.atnsm.com/assets/bullseye-2-auto-evap.pdf>

<http://www.atnsm.com/assets/bullseye-4-cooling.pdf>

<http://www.atnsm.com/assets/bullseye-3-smart-control.pdf>

<http://www.atnsm.com/assets/bullseye-5-tires.pdf>

<http://www.atnsm.com/assets/bullseye-6-air-ride-suspension.pdf>

<http://www.atnsm.com/assets/bullseye-commercial-residential-ac.pdf>