

Racedata Inc. - CX-1, CO₂ bottle ON/OFF indication system

Never worry again if your air bottle is on. The Racedata Cx-1 gives users visual assurance that the air bottle is on. The Cx-1 consists of a removable sensor that attaches to any standard 10 ounce or 2.5 pound CO₂ air bottles, a small control box that attaches to power, ground and a bezel dash mount green LED indicator light.

It's simple, if the air bottle is on, then the LED indicator is also on telling you that your air bottle is on. The Cx-1 will work on both 12 and 16 volt battery systems.

The Cx-1 system includes:

Sensor and sensor clamp
Magnet
Cx-1 control box
Bezel type green LED
Wire harness
Instructions.

Installation:

1. Install the sensor clamp to your air bottle just beneath the bottle knob. Insert the sensor in the hole (you will adjust the height and clamp location later).
2. Remove the air bottle knob, turn the knob upside down, place the supplied magnet flat in one of the recesses, drizzle epoxy over the magnet and let it dry.
3. Drill a ¼" hole in your dash or other location for the LED indicator light, install it in the hole.
4. Install the Cx-1 control box close to the air bottle so as the wires will reach to connect the air bottle sensor to it.
5. Depending on your type of battery, connect either the red wire to switched 16 volt or orange wire to switched 12 volt. Connect the black wire to a good chassis ground.
6. Connect the blue and white wires to the LED indicator light.
7. Re-install the air bottle knob. (be sure the epoxy has dried)
8. Loosen the sensor clamp that you installed earlier on your air bottle.
9. Open your air bottle wide open.
10. Slide the sensor clamp so the sensor lines up with the magnet in the air bottle knob.
11. Keep the sensor height below the knob so as not to interfere with opening and closing the air bottle.
12. Once you have the sensor lined up with the magnet re-tighten the clamp.
13. Turn the power on leaving the air bottle on, the LED indicator should now be on.
14. Close the air bottle, the LED should be off.