

# INSTALLATION INSTRUCTIONS



1917 OAK PARK BLVD. PLEASANT HILL, CA 94523  
(925)935-3025 FAX (925)935-2287

**Model:  
AB10K**

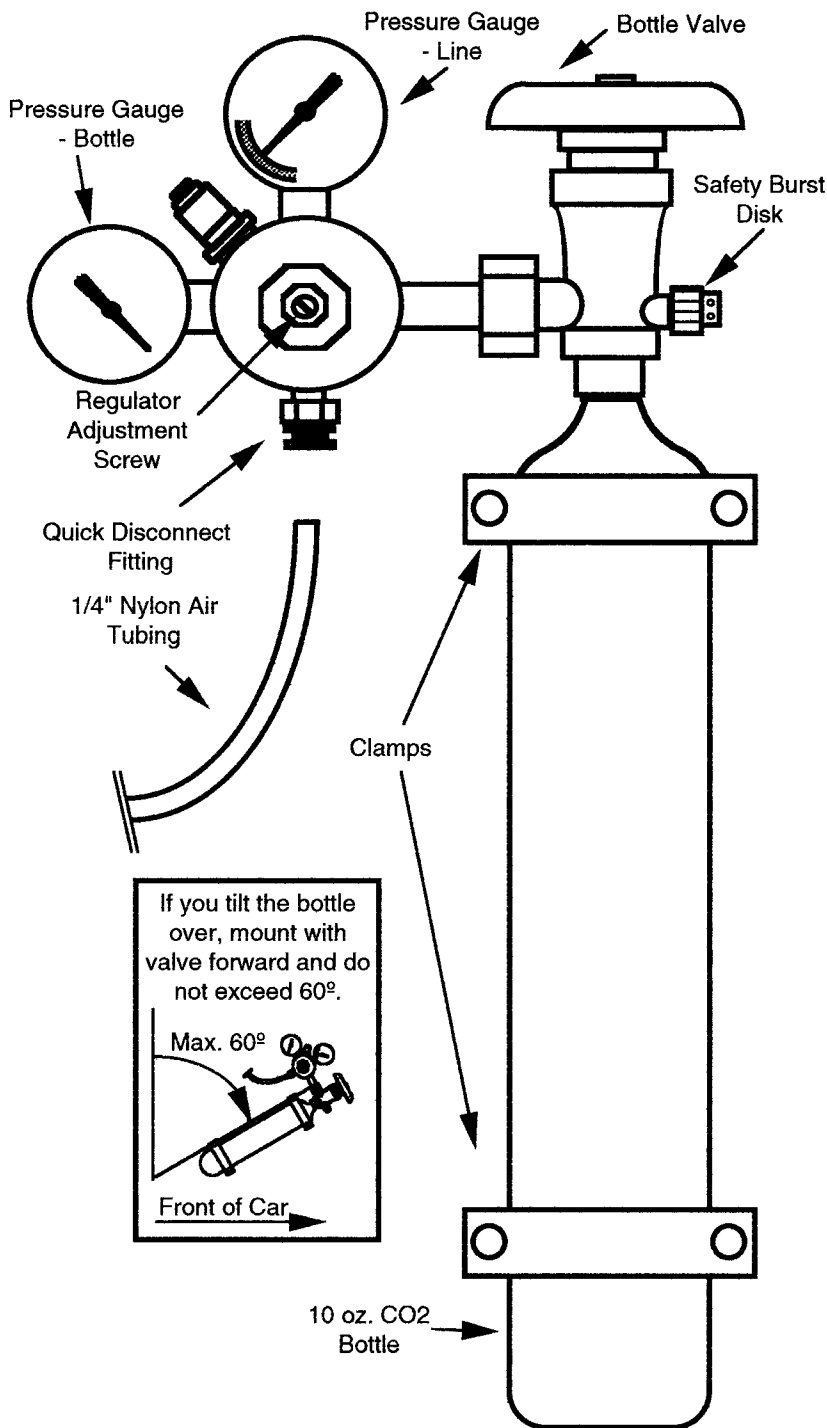
Includes: 10oz Bottle,  
Valve, Adj. Regulator,  
& 10ft 1/4"od tubing.

**VALVE INSTALLATION:** Please read the instructions enclosed with the bottle for proper valve insertion procedure.

**REGULATOR INSTALLATION:** With the bottle mounted securely in the car, attach the regulator and tighten the nut snug by hand and then with a wrench. The regulator uses a special o-ring called a quad-ring to seal to the valve and does not need to be over tightened.

**AIR LINE INSTALLATION:** The regulator uses a quick disconnect air line fitting. To install the air line simply push the line in to the fitting until seated, a quick tug on the line will ensure that it has been properly locked in place. To remove the air line, push up on the plastic lock ring and pull down on the air line. NOTE: With a quick disconnect style fitting a tubing insert is not required.

**BOTTLE FILLING PROCEDURE:** This bottle should be filled with 10 ounces of Liquid Carbon Dioxide, the same liquid CO2 that is used to dispense soda and beer (see Industrial Gases in the Yellow Pages), and is used in fire extinguishers, and CO2 "Paintball" guns (see Sporting Goods or Paintball in Yellow Pages). Make sure that you specify LIQUID CO2. Prices may vary from \$1.50 - \$10.00 depending on where you have it filled. Be sure the bottle is filled correctly and is approximately 10 oz. heavier after it has been filled. **Liquid CO2 pressure will vary greatly with the outside temperature.** At 40 degrees F it will be about 500 psi, at 72 degrees about 875 psi, and at 100 degrees F it could be as high as 1500 - 2000 psi. If the pressure drops below 300 psi at about 70 degrees, you should weigh the bottle to see if it needs to be filled. **DO NOT OVER FILL THE BOTTLE! This could cause safety pop-off disc rupture as the bottle pressure increases when exposed to sunlight / heat.** The high quality pressure regulator supplied in this kit insures that the regulated pressure remains stable no matter what the bottle pressure is. Should the bottle become over-pressurized, the safety pop-off disc on the bottle valve will rupture. These discs are available through local welding supply shop and should be installed by trained personnel in accordance with Federal Regulations and Guidelines. Dedenbear also stocks these disks under the part number: p/n ABVS.



**CO2 BOTTLE IS D.O.T. APPROVED (DOT-E7737-1800)  
AND MEETS N.H.R.A. AND I.H.R.A. SPECS.**