

Important Safety Bulletins

- **CO2 CYLINDER CONTENT WARNING-** Never assume the CO2 inflation gas is in the cylinder. The burden of inspection of the cylinder is on you, the user. In order to know if the gas is in the cylinder the first step is to remove the cylinder from the inflation system or package and look at the narrow end; the puncture surface. This surface is where the inflation system penetrates and allows the gas to fill your inflatable. If this surface has any puncture marks, holes, or any sign that is has been pushed in DISCARD IMMEDIATELY.

Every CO2 cylinders has a 'Minimum gross weight' marked on the side of the cylinder. This marking is the sum of the empty steel cylinder AND the weight of CO2 that is supposed to be contained in the cylinder. Ultimately, weighing is the only accurate method known to ensure that the full CO2 charge is in the cylinder. A scale, such as a digital postage scale, may be used if it is accurate enough for the intended measurement. For example: A cylinder with a marked minimum gross weight of 62.5g MUST weigh 62.5g OR GREATER, never less. If you weigh a cylinder and the actual weight is less than the marked weight, remove it from service and either discard it or use it to test your inflatable.

Typically, CO2 filled cylinders do not loose their charge unless: punctured, rusted, crushed, overheated or altered.

SPECIAL NOTE FOR CYLINDERS FITTED WITH A BLACK PLASTIC BAYONETT: The method for inspecting a cylinder fitted with a bayonet is the same as above. However, the bayonet has a ring which should be attached, not loose. This is an indicator ring which tells the user that the inflation system has either punctured the cylinder or has attempted to puncture the cylinder. Discard any bayonet fitted cylinder if the ring is loose, broken, missing or appears to be damaged.

- **GREEN INDICATOR PINS** are used on Halkey Roberts inflation product models V85000 (automatic) and 840AMU series (manual). These delicate pins break very easily if not handled carefully. The intent of the pin is to keep the metal lever arm in place and to indicate status of the system. Placing an indicator in the hole on the side of the inflator should only be done after properly re-arming the entire inflation device. This tells the user with just a glance at the inflation system that it is ARMED. Refer to you user manual for complete information.
- **WATER SENSING BOBBINS-** For many years these were made from a red plastic material. Currently YELLOW is the color and these are a directly compatible replacement for the older red bobbins. The storage of these water sensing bobbins is critical; keep from high humidity or potential water spray. Bobbins have a manufactured date on them and it is best to replace them every three years or sooner if they have been subjected to a wet environment. Using a

dated or moist bobbin will likely cause your inflation system to inflate inadvertently thus requiring a new re-arming kit for your PFD.

- **24 HOUR INFLATION TEST** – Your inflatable may ultimately save your life. You will likely use it for many years and hopefully, like a seat belt, never need it. But don't become complacent! Use the oral inflation tube on your inflatable and blow it up firmly. Leave it inflated for 24 hours and re-check the firmness. If it feels softer or loses air, you need to remove it from service and get it repaired or replaced.

DISCLAIMER: We have over 30 years experience in the boating and aviation industries supplying cylinders for inflation. While we attempt to provide you with credible and reliable information, however, the burden of properly selecting, using, re-arming and inspecting your inflatable device is up to you. The US Coast Guard Office of Boating Safety may be contacted regarding safety issues related to equipment used in boating.