

wear an inflatable under any clothing because inflation could restrict breathing, injure you or destroy the clothing. Make sure your clothing is compatible with this inflatable and that the "Jerk-to-Inflate" pull tab is accessible in case you fall in the water. Clothing that develops air pockets or has inherent buoyancy can alter the in-water performance of this PFD.

The gas contained in the CO₂ cartridge expands with hot weather and contracts with cold weather. At -30°F (-33°C) the CO₂ cartridge creates approximately 87% of the CO₂ gas volume that is created at 70°F (22°C). Under freezing conditions you get less buoyancy from the CO₂ gas and it will fill the PFD more slowly. Under freezing conditions you may want to partly inflate the PFD with 1 to 2 breaths of air to compensate.

FREEZING TEMPERATURES

At or below 40°F (4°C) inflation time with CO₂ gas will be longer. Wearing a partially inflated PFD in these conditions will provide some initial buoyancy while the PFD fully inflates.

Caution: Do not fully inflate orally and then inflate with the CO₂ cylinder. Repeated CO₂ inflation after oral inflation will damage the PFD to the point it will not hold air or float.

It's Mandatory that the User Check the Status of the CO₂ Cylinder and the Inflator Before Each Outing

INSPECT THE CO₂ CYLINDER

Make sure that the CO₂ cylinder has not been used before, has no leaks and is tightly screwed in. Hand tighten only. If the CO₂ cartridge has been discharged, the cap on the threaded end will be pierced as shown in Figure 3. If a small scale (like a postal scale) is available, it is recommended that the cartridge be checked by weighing it. The minimum gross weight of the cartridge is printed on the cartridge which includes the gas charge.

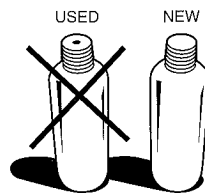


Figure 3

IMPORTANT

World Class models use a **38 gram** CO₂ cylinder with 1/2 inch threading. The **Sport** model uses a **24 gram** CO₂ cylinder with 1/2 inch threading. Be certain to use the correct size CO₂ cylinder for your particular PFD. These cylinders are **not** interchangeable, and **use of the wrong CO₂ will damage your PFD or fail to inflate it properly.** Be sure to only use a rearming kit approved for your PFD (see rearming kits on page 13).

INSPECT THE INFLATOR

Refer to Figure 4 below for a description of the inflator status indicators.

- A. An unbroken green tab, locked lever and green arming indicator shows this unit is **"ready."**

The following examples show the inflator is **"not ready"** and must be serviced:

- B. Exposed red semicircle and lever indicate that CO₂ cylinder may be empty.
- C. Exposed lever means unit is not properly armed, and exposed red spring means bobbin is missing and/or the clear cap is not hand tightened.
- D. Exposed red semicircle indicates that the CO₂ cylinder may be empty. Exposed red spring means the bobbin is missing and/or the clear cap is not hand tightened.

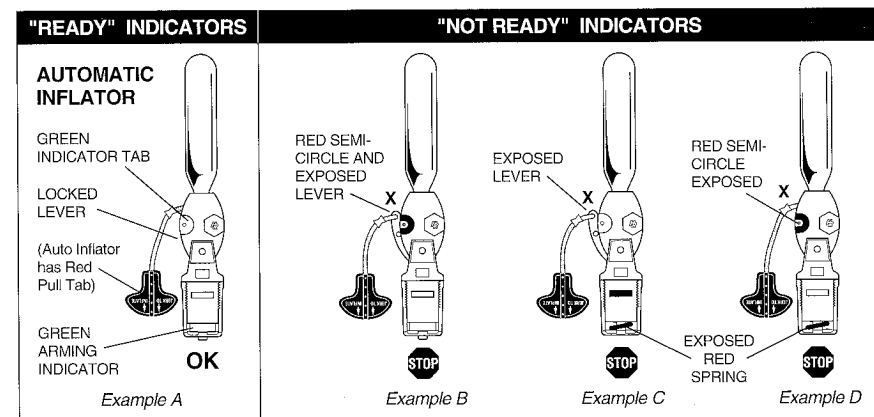


Figure 4

INSPECTING THE INFLATOR WHEN ARMED IN THE MANUAL-ONLY MODE WITH YELLOW CAP

Refer to Figure 5 at right.

An unbroken green tab and yellow cap shows that the unit is **"ready."** Also inspect the CO₂ cylinder to ensure that it has not been used. If green tab is broken or missing, inflator must be serviced. Slip the "manual" tag through the edge of the PFD cover so it is visible on the outside of the PFD.

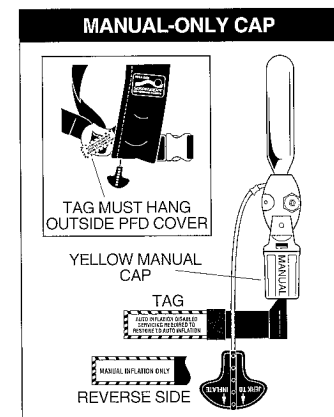


Figure 5