



### Step One- Visual Inspection

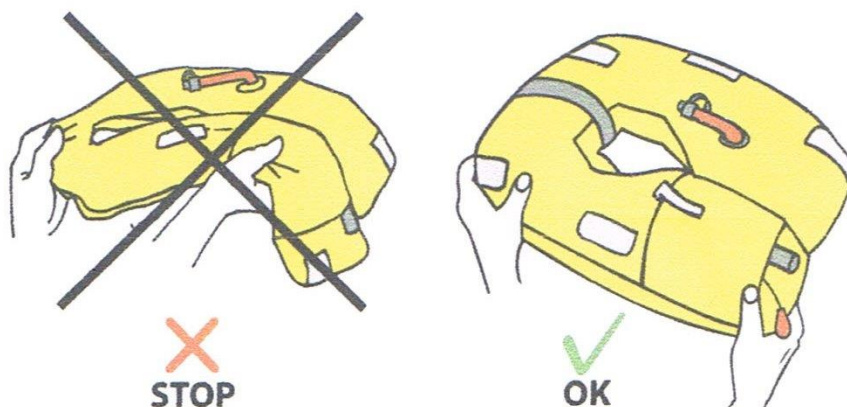
1. Open jacket inflator pocket and remove Co2 cylinder and Inspect the bottle for rust or corrosion.
2. Check all stitching, buckles and closures to see all are intact and working correctly
3. Open jacket and check yellow inner fabric is not damaged
4. Check all reflective tape is stuck down and not peeling away
5. Check oral inflator tube is not damaged.
6. If water activated SOLAS Light fitted, Check Exp date and Light is working.
7. Check whistle.



### Step two – Test Bladder

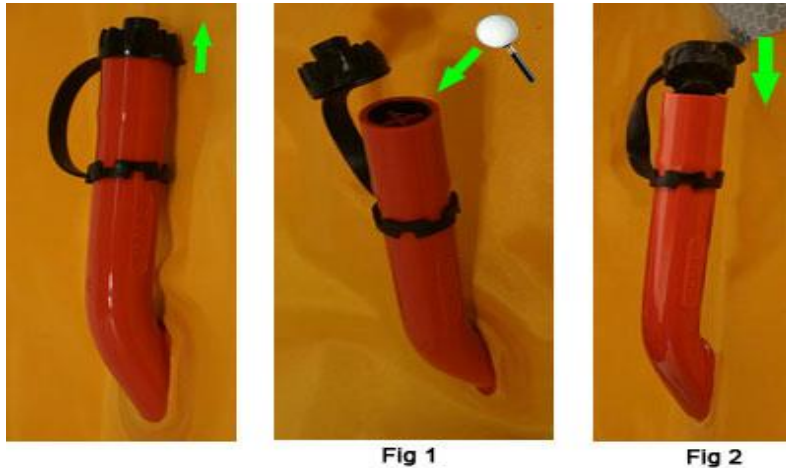
1. Inflate bladder by mouth through oral inflate tube, until bladder is fully inflated and firm
2. Leave bladder inflated overnight or for at least 12 hrs. This should be done in an area of stable temperature. Around 20 deg C is best. (If the temp drops overnight it will affect pressure, so make sure the temp remains constant)
3. After at least 12 hrs, check that the bladder is still firm and there is no visible loss of pressure.

**If bladder has lost pressure do not attempt to repair. Send jacket to an authorized service centre for proper assessment.**



### Step Three - Oral Inflator Check

1. Check inflator valve is operating correctly by blowing a small amount of air into the bladder then by inverting the cap in to the oral tube to release the valve, and expel all air (Fig 2). Do not insert anything into the valve except the inverted cap.
2. Look for any damage or cracks around or on the Tube (Fig 1).



### Step Four – Co2 Cylinder Inspection

1. Check cylinder is intact and not punctured.
2. Weigh cylinder to ensure that it is full. The cylinder must weight within 2 grams of the gross weight shown on the cylinder. This will need accurate scales that can measure down to 1 gram (supermarket and or post office scales are ideal). If it is not possible to weight cylinder this accurately then the cylinder must be replaced with a new one of the same size / weight.. Record original gross weight and the actual weight on the self-test form. If the cylinder is damaged or weight is lower than gross weight minus 2 grams then cylinder must be replaced.
3. Replacement Co2's cylinders must be purchased from PFD1 pty Ltd.

**If cylinder does not conform in any way or has been punctured, dispose of it immediately and replace with new cylinder.**



**DO NOT REPLACE CYLINDER ON JACKET YET**

**Step Five – Manual Firing Mechanism Inspection**  
**(Manual Operated jackets only)**

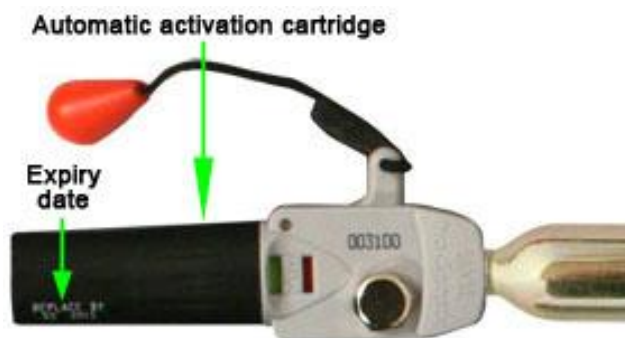
1. Check firing mechanism is working correctly, pull cord and see if cutter pin rises proud of the internal base of the mechanism.
2. UML Pro Sensor inflator. - screw checked CO2 cylinder into place and confirm the red indicator changes to green when cylinder is screwed fully in.



**UML PRO SENSOR MANUAL**

**Step Six - Auto Inflate Mechanism Inspection**  
**(Automatic Operated jackets only)**

1. Unscrew anti clockwise the automatic activation cartridge from the bottom of the inflator
2. Check cartridge is clean and dry
3. Check expiry date. If expiry date of cartridge is within the next 12 months replace with a new cartridge now
4. Once all steps above are completed, screw cartridge clockwise onto firing mechanism, making sure all threads are correct, and tighten by light hand force only.
5. Check that the lower indicator on the body of the inflator is now green. If the indicator is red, the cartridge is no good and must be replaced with a new cartridge.



**UML PRO SENSOR AUTOMATIC**

**Step Seven – Replace Co2 Cartridge.**

1. If jacket and inflator has passed all tests replace cylinder
2. When fitting cylinder hold mechanism firmly and screw cylinder into it clockwise direction, hand tighten only until firmly into position.

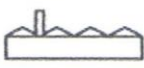
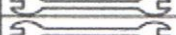

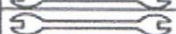






**Step Eight – Record Inspection on your PFD1**


If your jacket has passed all the self-inspection points required please record with a permanent marker, the following on the inspection certificate locate near the gas bottle or on the bladder (mechanism side) Using the prefix S/Test (Self-Test) record the date as follows S/Test-DD-MM-YY where DD-MM-YY is today’s date. If the date when you self-test is 14-07-2010 record “S/Test 140710” and your initials next to the date on the service label.

**PFD1 Ocean 150N service Label**

**PFD1 Blue Water 150N with Harness service Label**

	1	2	3	4	5	6
	7	8	9	10	11	12
	2009	2010	2011			
SERIAL NUMBER	ST 140710					
						
						
						
						
						
						
						
33g CO <sub>2</sub> Cylinder Keep Cylinder away from heat						

	1	2	3	4	5	6
	7	8	9	10	11	12
	2012	2013	2014	2015		
Serial No.						
Inspected By	Date		Spare Parts Replaced			

**Step Nine – Repack your PFD**

Repack your PFD ensuring that all the air has been removed from the bladder. Ensure that the inflator pull cord is free and not tangled.

**Step Ten – Complete Self-Test Form**

Ensure all information on the self-test form has been completed and that you have signed and dated it. Take note of the date of the next self-test and record it so that you will not forget to test your jacket. It is a good idea to place this certificate or a copy in your boat in the case that you have an on-water safety inspection. This will be your evidence that your jacket is in a serviceable condition.

**Spare Parts**

Parts are available from the retail outlet where you purchased your jacket or direct from [www.pfd1.com.au](http://www.pfd1.com.au) (freight charges will apply).

- 33gm 1/2” gas cylinder – all models \$20 inc GST
- Automatic cartridge UML Pro Sensor Inflator \$25 inc GST
- Reflective Tape Kit – 60cm (3 x 20cm self-adhesive strips) \$9.95 inc GST

**Price subject to change without notice**



# Self- Inspection Certificate

Date of Last Self—Inspection.....

Type:	Style	Colour	Size	PFD1 Serial No.
<b>PFD1</b>	<b>Yoke</b>		<b>L--XL</b>	
Passed / Failed	<b>Service Checks</b>			
	Belts			
	Buckles			
	Pocket and Zip			
	Outer Shell Front			
	Outer Shell Back			
	Bladder / Chamber: Check for wear			
	Buckles, straps			
	Lifting Strap			
	Crotch strap			
	Harness			
	Light	Expiry Date		
	Whistle			
	Reflective tape			
	Trigger mechanism checked			
	33 Gram CO2 Cylinder: <b>Check for corrosion</b>			
	Co2 Engraved Weight	Actual weight	+/- 2.0 g	
	CO2 Installed and tightened			
	Oral Inflation Tube with Cap in place			
	Water activated Auto Cartridge	Expiry Date		
	12 Hour Bladder pressure Test.			
	Signed and Dated			
Remarks	Next Self—Test Due ..... Service Centre Test Due.....			

This self-inspection certificate is for recreational use only, **NOT** Commercial use PFD's  
 Please carefully read the instructions on how to test your PFD, follow them carefully and record your results on this form. If at any stage there is a fail, you must either replace the faulty component or if that is not possible please send it to an authorised and accredited service centre.

**DO NOT ATTEMPT ANY REPAIRS**

***I hereby certify that this PFD has been inspected in accordance with the PFD1 Pty Ltd annual self-inspection instructions described in steps 1-10***

**NAME:** \_\_\_\_\_

**Date** \_\_\_\_\_