

# **ESSENTIAL DELUXE** Self Service Instructions

Thank you for purchasing this product. When serviced correctly this PFD should provide a reliable level of performance and safety.

Please carry out the pre-wear check before each use and follow the Care & Maintenance procedures in the User Information booklet supplied with the PFD. The booklet is also available online at [bargainboatbits.com.au](http://bargainboatbits.com.au) or scan the code below to download to your mobile device.

The following instructions are for PFDs used in recreation only.  
Commercial use PFDs must be serviced by an accredited service agent.

Please read this document carefully, if you are unsure or lack confidence to complete the procedure you can have the PFD serviced by an accredited service agent.



scan for  
User  
Information  
Booklet

## Step 1 - Visual Inspection

### Visually inspect for wear and tear or damage

Open the valise (cover), remove the cylinder and set it aside

Inspect:

- bladder for signs of abrasion and wear
- reflective tape is intact and not peeling off
- harness stitching, webbing and buckles for signs of excessive wear or abrasion
- Valise (cover) intact, Velcro or zipper operational
- inflator mechanism for signs of damage
- oral tube for signs of damage
- CO2 cylinder for corrosion or damage



## Step 2 - Functional Test

### Bladder must be tested for leaks

- inflate the bladder through the oral tube until firm and leave overnight
- the next day check bladder is still firm with no obvious loss of air

Note: if the PFD fails inspection or functional test do not attempt to repair. Either send to an accredited service agent for retesting or destroy and dispose of the PFD.

## Step 3 - Firing Mechanism Inspection

### The firing mechanism must be inspected for damage and corrosion

These inflatable PFDs use UML Pro Sensor Inflators. These inflators use an active indicator system that require no clips or other break away type indicators. The cylinder is not installed for this inspection.

- pull the cord so the lever is operated. Once the lever is operating the movement should be smooth
- observe the indicator stays red at this time
- push the lever back into place with a click

Note: If the operation is not smooth or there is some damage you must send to an accredited service agent for repair.

## Step 4 - Automatic Firing Mechanism Inspection

### The automatic firing mechanism must be replaced before it's use by date. *Skip this for Manual only PFDs.*

- unscrew the cartridge and check that it is clean and dry
- check the expiry date on the cartridge and replace before this date
- screw the cartridge back in place, hand tight only and check the indicator is green

Note: If the indicator is red or the cartridge is out of date the cartridge must be replaced

## Step 5 - CO<sub>2</sub> Cylinder Inspection

### The CO<sub>2</sub> Cylinder must be weighed to ensure it is full.

- take the cylinder that was removed in step 1
- check that the end is not pierced, replace the cylinder if pierced
- note the Gross Weight stamped on the side of the cylinder
- weigh the cylinder with scales accurate to 1 gram and record the result
- if it passes the inspection refit the cylinder. The indicator on the inflator should now change to green

Note: If the cylinder is damaged, punctured or does not weigh within 2 grams of Gross Weight marked on cylinder it must be replaced.

## Step 6 - Record Inspection

### Your PFD must be marked and the self inspection certificate completed.

- mark the service grid of your PFD with SI (Self Inspection) and the date (MMYY). ie: **S I 0 2 1 3**
- you can now re-pack your PFD in accordance with the USER Information Booklet supplied with the PFD

**Please complete and sign the Inspection Certificate on the back of this page**



# ESSENTIAL DELUXE Self Service Certificate



scan for another Self Service Certificate

Please read the instructions overleaf and complete the certificate accordingly.

This Self Service Certificate is for PFDs used in recreation only. Commercial use PFDs must be serviced by an accredited service agent.

Please read this document carefully, if you are unsure or lack confidence to complete the procedure you can have the PFD serviced by an accredited service agent.

PFD DETAILS	SERIAL NUMBER	DATE OF MANUFACTURE	DATE OF SERVICE	NEXT SERVICE DUE

<b>1 Visual Inspection</b>	PASS	FAIL
a bladder for signs of abrasion and wear		
b reflective tape is intact and not peeling off		
c harness stitching, webbing and buckles for signs of excessive wear or abrasion		
d Valise (cover) intact, Velcro or zipper operational		
e inflator mechanism, no signs of damage		
f oral tube, no signs of damage		
g CO2 cylinder, no corrosion or damage		
<b>2 Functional Test</b>	PASS	FAIL
a inflate the bladder through the oral tube until firm and leave overnight		
b the next day check bladder is still firm with no obvious loss of air		
<b>3 Firing Mechanism Inspection</b>	PASS	FAIL
a pull the cord so the lever is operated. Movement should be smooth		
b observe the indicator stays red at this time		
c push the lever back into place with a click		
<b>4 Automatic Firing Mechanism Inspection (Where Fitted)</b>	PASS	FAIL
a unscrew the cartridge and check that it is clean and dry		
b check the expiry date on the cartridge and replace before this date		
c screw the cartridge back in place, hand tight only and check the indicator is green		
<b>5 CO<sub>2</sub> Cylinder Inspection</b>	PASS	FAIL
a take the cylinder that was removed in step 1		
b check that the end is not pierced, replace the cylinder if pierced		
c note the Gross Weight stamped on the side of the cylinder	GRAMS	
d weigh the cylinder with scales accurate to 1 gram and record the result	GRAMS	
e refit the cylinder. The indicator on the inflator should now change to green		
<b>6 Record Inspection</b>	PASS	FAIL
a mark the service grid of your PFD with SI (Self Inspection) and the date (MMYY). ie: S I 0 2 1 3		
b re-pack your PFD in accordance with the USER Information Booklet supplied with the PFD		

I hereby certify that this PFD has been inspected and serviced in accordance with the PFD Self Service Instructions described in steps 1 to 6

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_