

This document is for recreational PFD use only. If used for commercial use this Jacket must be serviced annually by a service agent.

- Please read this document fully and ensure that you understand what is required before you start. If you do not understand or do not feel you can complete all required tasks please take your jacket to an authorised service agent.
- During the self inspection certain replacement parts may be required. Depending on your model of jacket, gas cylinders or automatic firing cartridges may need replacing.
- If your inflatable PFD or a component fails any test listed below the PFD must be taken to an authorised service centre for further testing.

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: www.ljss.com.au.

Step 1: General/Visual Inspection

Open the valise/cover, remove the CO2 cylinder & set aside.

Inspect:

- Bladder for signs of abrasion and wear.
- Reflective tape is intact and not peeling off.
- Stitching on 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: Inspection of bladder & oral tube.

Check bladder has no signs of excessive abrasion or wear.

Pay extra attention to the folds and areas around inflation systems.

- a) Remove CO2 cylinder from the inflator head by unscrewing the cylinder anti-clockwise. The mechanism will be RED on the Single Point Indicator.
- b) Inflate bladder using the oral inflation tube.
- c) Leave bladder inflated with oral tube cap off in a room with a stable temperature of around 20°C for at least 12 hours. (Temperature changes will affect bladder pressure)
- d) After 12 hours check there is no loss of pressure and no visible damage to bladder. If bladder is damaged or pressure falls the PFD must be replaced or sent to an accredited service station for further tests. Under no circumstances should you attempt to repair the PFD yourself.

Oral Tube:

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. Do not insert anything into the valve except the inverted cap.
2. Look for any damage or cracks around or on the Tube.

Step 3: Firing Mechanism Inspection

The firing mechanism must be inspected for damage and corrosion.

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.

- a) Pull the cord so the lever is operated. Once the lever is operating the movement should be smooth.
- b) Observe the indicator stays red at this time.
- c) 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 its use by date. Skip this for manual only PFDs.

- 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.

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

Step 5: Inspection of CO2 Cylinder

Check that the size/type of CO2 cylinder is correct for the PFD. The cylinder size is displayed on the cylinder as well as on the PFD lung adjacent to the CO2 inflator head.

Check that the CO2 cylinder is not damaged, is free from rust and corrosion and has not been pierced. Replace any cylinder that is pierced, damaged or exhibiting any signs of rust or corrosion.

If cylinder is serviceable weigh the cylinder on kitchen or letter scales. The cylinders weight should correspond to MIN.GR.WT engraved on cylinder +/- 2g. Record MIN.GR.WT and actual weight of cylinder on the inspection certificate.

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: Refit CO2 Cylinder

6.1 Confirm:

- a) The CO2 cylinder being fitted has passed inspection step 5.

6.2 To refit cylinder hold the inflator head firmly and screw the CO2 cylinder clockwise into top of inflator head. Hand tighten until firm.

Do not use any tools or undue force.

Note: For the piercing cutter to work correctly the CO2 cylinder (and automatic inflation mechanism on automatic models) must be firmly hand tightened onto the CO2 inflator head.

This model uses Single Point Indicator Inflators so the PFD will be fully armed when the indicator status window is green.

Step 7: Record service inspection on PFD

7.1: If PFD has passed all applicable self service steps 1 through 6 above, sign and date in permanent laundry marker the service inspection history label located on inflator head side of lung. For self inspection prefix the service date by the letters **SI** to indicate 'Self Inspection'. The date format should be kept consistent across the PFD service inspection history.

Step 8: Repack PFD

8.1: Repack PFD according to inspections provided in your PFD owners manual. Ensure that the manual inflation pull lanyard and knob is not tangled and that it is accessible when PFD is donned.

Step 9: Certify the PFD self inspection certificate

9.1: Sign self inspection certificate and record date self inspection was completed. It is also recommended that next inspection due date is noted on the certificate. The completed self inspection certificate should be kept in boats safety equipment log for future reference.

Please find the self inspection certificate on the last page.

This self inspection certificate is for recreational use only, **NOT** commercial use PFDs. 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 accredited service centre for repairs.

DO NOT ATTEMPT ANY REPAIRS YOURSELF.

| Product Model | Serial Number* | Batch No & Date of Manufacture | Date of This Service | MM | YY |
|---------------|----------------|--------------------------------|----------------------|----|----|
| | | | | | |

***If no serial number is available use boat registration number or mobile phone with the prefix of either "ST" or name initials.**

| 1 | Visual Inspection | 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. | | |

| 2 | Oral Inflator Test | PASS | FAIL |
|---|---|------|------|
| a | Check oral inflator valve is operational. | | |
| b | Check oral tube for damage or cracks. | | |

| 3 | Bladder Test | PASS | FAIL |
|---|--|------|------|
| a | Inflate bladder by mouth, leave inflated overnight or at least 12 hours, after at least 12 hours check bladder is still firm and there is no visible loss of pressure. | | |

| 4 | Firing Mechanism Inspection | 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. | | |

| 5 | Automatic Firing Mechanism Inspection (Where Fitted) | PASS | FAIL |
|---|--|------|------|
| a | Unscrew the Cartridge/Bobbin and check that it is clean and dry. | | |
| b | Check the expiry date on the Cartridge/Bobbin and replace before this date. | | |
| c | Screw the Cartridge/Bobbin in place, hand tight only and check the indicator is green. | | |

| | | | | |
|----------|--|------------------|----------------------|-------------|
| 6 | Inspection of CO2 cylinder | | PASS | FAIL |
| a | Confirm correct size / type of CO2 cylinder fitted to PFD. | | | |
| b | CO2 Cylinder is unpierced and free from damage, rust or corrosion. | | | |
| c | Weigh and record weight of CO2 cylinder. | MIN.GR.WT | ACTUAL WEIGHT | |

| | | | |
|----------|---|-------------|-------------|
| 7 | Refit CO2 cylinder | PASS | FAIL |
| a | Confirm inspection steps 3-5 completed. | | |
| b | New or inspected (refer step 6) CO2 cylinder fitted to inflator head. | | |

| | | | |
|----------|---|-------------|-------------|
| 8 | Sign and date service inspection schedule on PFD | PASS | FAIL |
| 9 | Repack PFD according to PFD owners manual | | |

| | | |
|-----------|--|---|
| 10 | <p>I hereby certify that the PFD (identified top of page) has been inspected and serviced in accordance with Life Jacket Solutions Inflatable PFDs Instructions for Service and Annual Self Inspection and that the PFD and components have PASSED all applicable service inspection steps 1-9.</p> <p>NAME SIGNATURE DATE</p> | <p>(MM/YY)</p> <p>.....</p> <p>NEXT INSPECTION DUE</p> |
|-----------|--|---|