

**THIS CARD IS MAINTAINED TO PROVIDE PROCEDURAL
TEXT ONLY AND IS NOT REPORTED TO ACMS**

CEINUM ALL ASSETS

1 MD 3183V34 CG AUXILIARY PFD INSP/ACCPT

REFERENCES:

MPC [KB0107.0](#)

TOOLS/TEST EQUIPMENT:

NONE

EXPENDABLES:

NONE

CONSUMABLES:

Accessory Pocket, Orange, P/N: MA6000-OR, CAGE: 1LV23, NIIN: N/A (2)

Braided Dacron #130 White (Lanyard), P/N: R007-R, CAGE: 64249, NIIN: N/A (If required)

Cord, Fibrous (Lanyard), P/N: MIL-C-5040, CAGE: 81349, NIIN: 002402154 (If required)

Marker, Tube Type (Permanent), P/N: 7520-00-973-1059, CAGE: 83421, NIIN: 009731059 (Or equivalent)

United SAR Bobbin, P/N: 14057-100, CAGE: 756R8, NIIN: N/A (Optional)

A INSPECT PFD

1. Apply locally generated serial number to the yellow portion of the right inflation cell using permanent marker, P/N: 7520-00-973-1059, (Refer to [Figure 1](#)).
2. Attach an accessory pocket, P/N: MA6000-OR, to each side of the Personnel Flotation Device (PFD) waist strap, (Refer to [Figure 1](#)).
3. Complete Steps [2 A 1.](#) through [2 A 11.](#) to inspect PFD.
4. Complete Steps [2 B 1.](#) through [2 B 9.b.](#) to leak test PFD.

B ATTACH SURVIVAL EQUIPMENT

1. Inspect the following survival equipment and pyrotechnics, (Refer to MPC [KB0107.0](#)):
 - a. Signal whistle.
 - b. Strobe light.
 - c. Personal Locator Beacon (PLB).
 - d. Signal mirror.
 - e. Survival knife.

Distribution Statement D: Distribution authorized to the DHS/CG/DoD and their contractors Administrative/Operational use, 10/23/19. Other requests shall be referred to the appropriate asset product line.

DESTRUCTION NOTICE: For classified documents, follow the procedures in DoD 5200.22-M, National Industrial Security Program Operating Manual, Section 5-705 or DoD 5200.1-R, Information Security Program Regulation, Chapter VI, Section 7. For unclassified, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.



NOTE: An overhand knot is no longer required to be tied with the bowline but remains acceptable if present.

2. Attach the following equipment to the webbing loop inside the corresponding accessory pocket using a sear cut lanyard, P/N: MIL-C-5040, or, P/N: R007-R, secured with a bowline at each end, (Refer to [Figure 2](#)):

NOTE: Units are authorized to wind the lanyard on the United SAR bobbin if desired. The bobbin is not required equipment. Add 2 inches to each listed lanyard length if using the bobbin.

- a. Attach lanyard to United SAR bobbin, P/N: 14057-100, (Optional).

NOTE: Finished length of line from knot to knot for each item below shall be 36-46 inches.

- b. Signal whistle (left accessory pocket).

NOTE: Sirius LED strobe lights are furnished with a manufacturer installed 42 inch lanyard. The manufacturer installed lanyard is acceptable for use until no longer serviceable.

- c. Strobe light (left accessory pocket).

(1) Replace lanyard using a sear cut lanyard secured with a bowline at each end, (If required).

- d. PLB (right accessory pocket).

- e. Signal mirror (left accessory pocket).

3. Attach survival knife sheath to the webbing strap located in the left accessory pocket survival knife pouch.

NOTE: Finished length of line from knot to knot for each item below shall be 36-46 inches.

4. Attach survival knife to the webbing strap located in the survival knife pocket using a sear cut lanyard secured with a bowline at each end.

- a. Place survival knife into sheath.

5. Notify EO, EPO, or Supervisor of any discrepancies, repairs, or future actions.

6. Document any discrepancies.



2 SEMI-ANNUAL MD 3183V34 INFLATABLE PFD LEAK TEST

REFERENCES:

MPC [KB0107.0](#)

TOOLS/TEST EQUIPMENT:

NONE

EXPENDABLES:

NONE

CONSUMABLES:

Accessory Pocket, Orange, P/N: MA6000-OR, CAGE: 1LV23, NIIN: N/A

Leak Test Compound, P/N: MIL-PRF-25567E, CAGE: 81349, NIIN: 006211820 (Or equivalent)

Life Preserver, Vest, P/N: MD3183-34, CAGE: 1LV23, NIIN: N/A (If required)

Repair Kit, HIT Window, P/N: RE0013, CAGE: 1LV23, NIIN: N/A (If required)

A INSPECT PFD

WARNING

VARIOUS STEPS IN THIS PROCEDURE EMPLOY ITEMS ON THE HAZARDOUS MATERIALS LIST. BEFORE EXECUTING THIS MPC, REFER TO THE APPLICABLE MSDS/SDS FOR FULL SAFETY AND HANDLING PROCEDURES.

1. Check PFD over its entire surface for the following:

- a. Cuts.
- b. Tears.
- c. Seam separation.
- d. Loose stitching.

2. Remove PFD from service if any of the above discrepancies are noted.

NOTE: Repairs are authorized only to the limits of the unit's capabilities. Repairs are to be made using nylon upholstery thread the same color as the mesh and must not detract from the neat appearance and proper function of the gear. Unit level repairs to the inflatable bladders are not authorized.

- a. Repair PFD if within unit capabilities.
- b. Send PFD to repair facility if repair cost does not exceed the replacement cost.
- c. Replace PFD, P/N: MD3183-34, if repair cost exceeds the replacement cost.

NOTE: A damaged or missing Hydrostatic Inflator Technology (HIT) window does not affect the performance of the PFD's hydrostatic inflator. The PFD need not be removed from service solely for damaged or missing HIT window. The HIT window may, but is not required to be, replaced at the discretion of the unit. Replacement kits are available through Mustang Survival, (Refer to [Figure 1](#)).

3. Inspect PFD for damaged HIT window.

- a. Replace HIT window, P/N: RE0013, (If required).



4. Check the attached D-ring for the following:
 - a. Corrosion.
 - b. Damage.
 - c. Security of attachment.
5. Inspect the PFD waist/chest buckles for proper operation.
6. Inspect required PFD markings for legibility.
7. Remove PFD from service if any discrepancies in Steps [2 A 4.](#) through [2 A 6.](#) are noted.
 - a. Send PFD to repair facility if repair cost does not exceed the replacement cost.
 - b. Replace PFD if repair cost exceeds the replacement cost.
8. Check PFD accessory pockets for the following:
 - a. Cuts.
 - b. Tears.
 - c. Operability of slide fasteners.
9. Replace accessory pocket(s), P/N: MA6000-OR, if any of the above discrepancies are noted.
10. Inspect unit serial number marking on the yellow portion of the right inflation cell for legibility.
 - a. Restore serial number marking, (If required).
11. Inspect inflator assembly for the following, (Refer to [Figure 3](#)):

NOTE: If plastic cover over actuator is missing or damaged the PFD is still serviceable.

 - a. Damage.
 - b. Lanyard fraying.
 - c. Cap expiration date lapsed.
12. Complete Steps [3 B 1.](#) through [3 B 5.](#) to replace inflator assembly if any of the above discrepancies are noted.
13. Inspect single point status indicator located on the inflator cap, (Refer to [Figure 3](#)).
 - a. Complete Steps [3 B 1.](#) through [3 B 5.](#) to replace inflator assembly if indicator shows red.

B LEAK TEST PFD

1. Inflate PFD manually.
 - a. Unzip both PFD zippers.
 - b. Inflate the PFD until firm through the oral inflation tube, (Refer to [Figure 4](#)).

WARNING

AVOID EYE CONTACT, INHALATION, AND PROLONGED SKIN CONTACT WITH LEAK TEST COMPOUND. USE IN A WELL VENTILATED AREA. FAILURE TO COMPLY MAY RESULT IN PERSONAL INJURY.

2. Apply leak test compound, P/N: MIL-PRF-25567E, to the oral inflation tube and the CO2 INFLATION valve.



CAUTION

DO NOT SUBMERGE THE PFD IN WATER TO CHECK FOR LEAKS.

NOTE: If leaks are present, the leaking area will begin bubbling or foaming within 5 seconds and continue for about 2 minutes.

3. Inspect inflated PFD for signs of leakage.
4. Remove PFD from service if leaks are found.
 - a. Check inflator assembly for proper installation if leaks are found at the CO2 INFLATION valve, (Refer to [Figure 4](#)).
 - b. Reinstall inflator assembly if installed incorrectly, (Refer to [Figure 5](#)).
 - c. Complete Steps [2 B 1](#). through [2 B 3](#). to leak test PFD.
 - d. Send PFD to repair facility if leaks are found at any other location provided the repair cost does not exceed the replacement cost.
 - e. Replace PFD if the repair cost exceeds the replacement cost.

NOTE: The PFD must be set aside undisturbed for 2 hours before proceeding.

5. Inspect inflated PFD for signs of deflation or pressure loss after 2 hours.
6. Remove PFD from service if it shows loss of pressure.
 - a. Send PFD to repair facility if under warranty or repair cost does not exceed the replacement cost.
 - b. Replace PFD if repair cost exceeds replace cost.
7. Deflate PFD by inverting the oral tube dust cap, (Refer to [Figure 4](#)).

CAUTION

TO PREVENT DAMAGE TO THE PFD DO NOT WRING OR TWIST IT WHILE DEFLATING.

8. Squeeze the inflated bladder gently until all air is expelled.
9. Pack PFD.
 - a. Fold PFD panels, (Refer to [Figure 6](#)).
 - b. Secure two-step zippers, (Refer to [Figure 7](#)).

C INSPECT SURVIVAL EQUIPMENT

1. Inspect the following attached survival equipment, (Refer to MPC [KB0107.0](#)):
 - a. Signal whistle.
 - b. Strobe light.
 - c. PLB.
 - d. Signal mirror.
 - e. Survival knife.
2. Verify survival equipment is attached in the correct location, (Refer to [Figure 1](#)).



3. Inspect lanyards attaching all survival equipment to the accessory pockets for the following:
 - a. Cuts or frays.

NOTE: Finished length of line from knot to knot shall be 36-46 inches.
 - b. Correct length.
 - c. Security of lanyard attachment to equipment and accessory pocket.
4. Complete Steps **1 B 2.** through **1 B 4.** to replace or retie lanyards, (If required).
5. Ensure HAZMAT created or used during the MPC is properly stored, segregated, or disposed of IAW all applicable local, state, and federal regulations prior to completion of this procedure.
6. Notify EO, EPO, or Supervisor of any discrepancies, repairs, or future actions.
7. Document any discrepancies.



3 5 YEAR MD 3183V34 INFLATOR ASSEMBLY REPLACE

REFERENCES:

NONE

TOOLS/TEST EQUIPMENT:

NONE

EXPENDABLES:

NONE

CONSUMABLES:

Re-Arm Kit, P/N: MA7214, CAGE: 1CJ91, NIIN: N/A

A INSPECT

NOTE: Leak test will be completed after inflator replacement satisfying the requirements for the semi-annual insp/leak test.

1. Perform Steps [2 A 1.](#) through [2 A 10.a.](#) to complete semi-annual PFD inspect.
2. Perform Steps [2 C 1.](#) through [2 C 4.](#) to complete semi-annual survival equipment inspection.

B REPLACE INFLATOR ASSEMBLY

1. Lay out the PFD in a clean area free of obstructions.
2. Remove inflator assembly, (Refer to [Figure 8](#)).
 - a. Hold the CO2 cylinder through the PFD fabric cover with one hand.
 - b. Insert the metal key from the re-arm kit between the black locking ring and the labeled yellow cap.
 - c. Turn key counterclockwise.
 - d. Turn the black locking ring counterclockwise.
 - e. Lift off the inflator cap.
 - f. Squeeze the PFD sealing ring to elongate for CO2 cylinder removal.
 - g. Remove the CO2 cylinder through the sealing ring.
3. Install new inflator assembly, P/N: MA7214, (Refer to [Figure 5](#)).
 - a. Insert new CO2 cylinder pointing upwards into the PFD.
 - b. Hold the CO2 cylinder through the PFD fabric.
 - c. Position cap with WATER INLET valve to the right.
 - d. Press the cap firmly onto the CO2 cylinder sealing ring.
 - e. Turn the black locking ring clockwise while pressing on the cap into the "LOCKED" position.
 - f. Pull on the cap to ensure it has locked onto the inflator body.
4. Snap the beaded manual inflation lanyard in place.
5. Complete Steps [2 B 1.](#) through [2 B 9.b.](#) to leak test PFD.
6. Notify EO, EPO, or Supervisor of any discrepancies, repairs, or future actions.
7. Document any discrepancies.





MD 3183V34 PFD

Figure 1

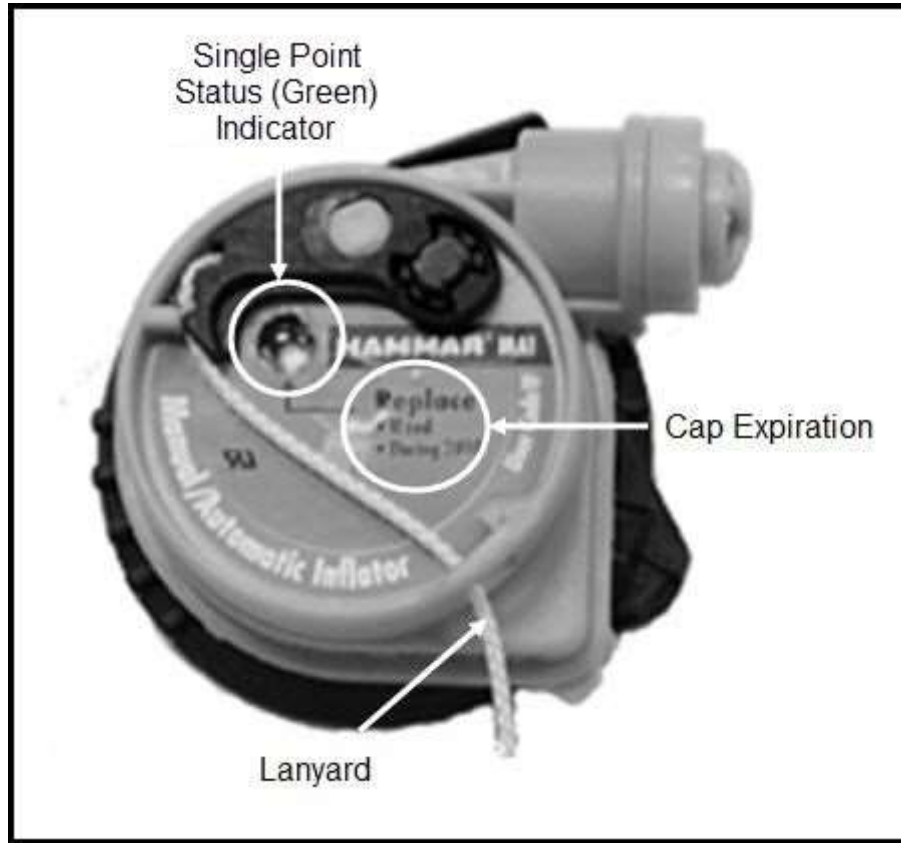


<p>Signal Whistle (Removes Split Ring)</p> <p>Attach Lanyard To Eye (Remove & Discard Split Ring)</p> 	<p>Strobe Light ACR Firefly 3/Firefly Pro SOLAS</p>  <p>Attach Lanyard To Webbing Slot</p>	<p>Strobe Light Sirius LED</p>  <p>Manufacturer Installed Lanyard</p>	<p>Signal Mirror</p> <p>Attach Lanyard To Eye</p> 
<p>Survival Knife</p>  <p>Sheath Webbing Loop</p> <p>Knife With Lanyard</p> 	<p>McMurdo Fastfind/Fastfind Plus/Fastfind Max-G</p>  <p>Lanyard Securing Tag</p>	<p>ACR ResQLink</p>  <p>Attach Lanyard To Velcro Strap Bracket</p>	<p>McMurdo Fastfind 220</p>  <p>Attach Lanyard To Eye</p> <p>Route Lanyard Through Buoyancy Pouch</p>

SURVIVAL EQUIPMENT

Figure 2

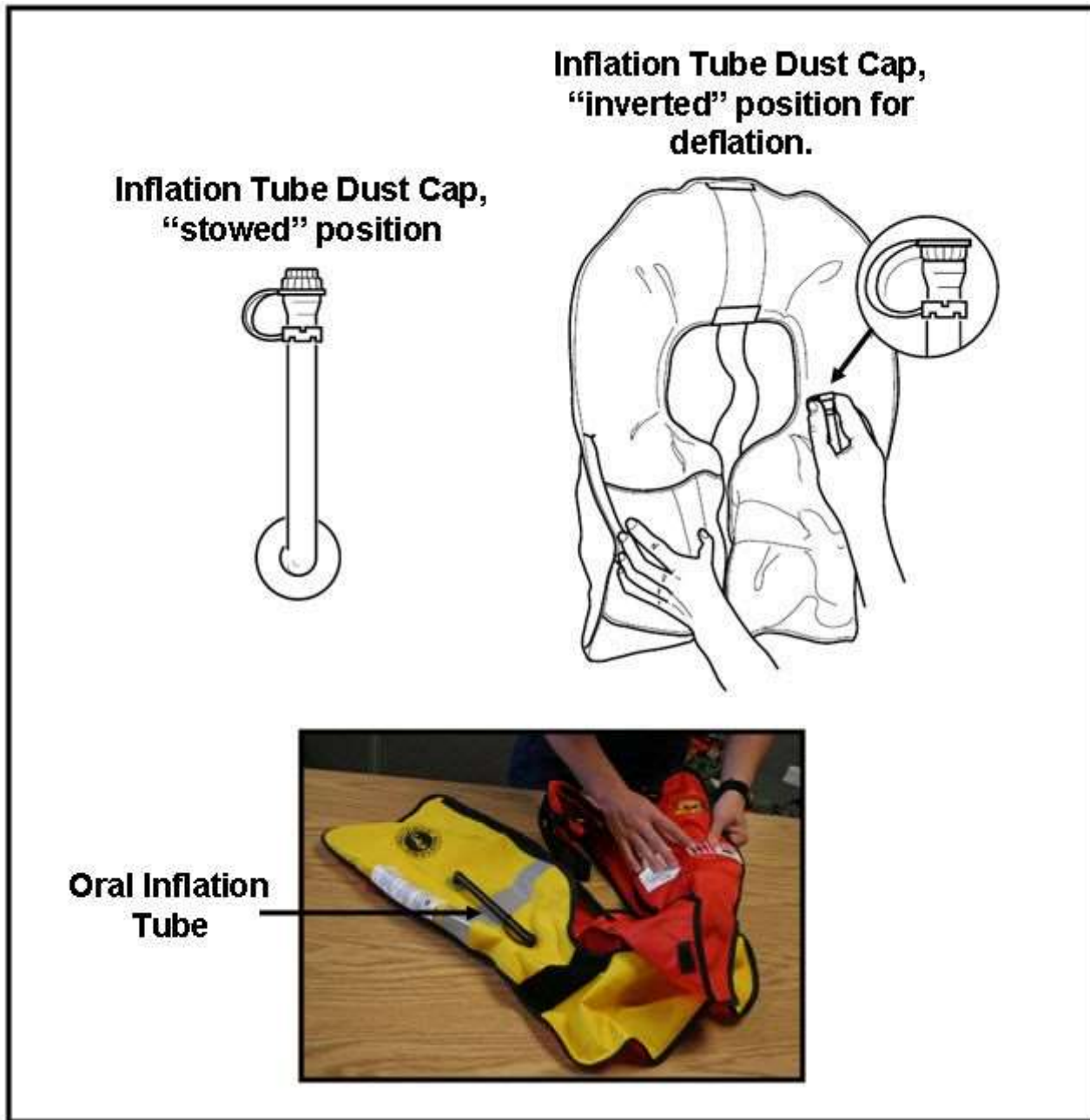




SURVIVAL EQUIPMENT

Figure 3

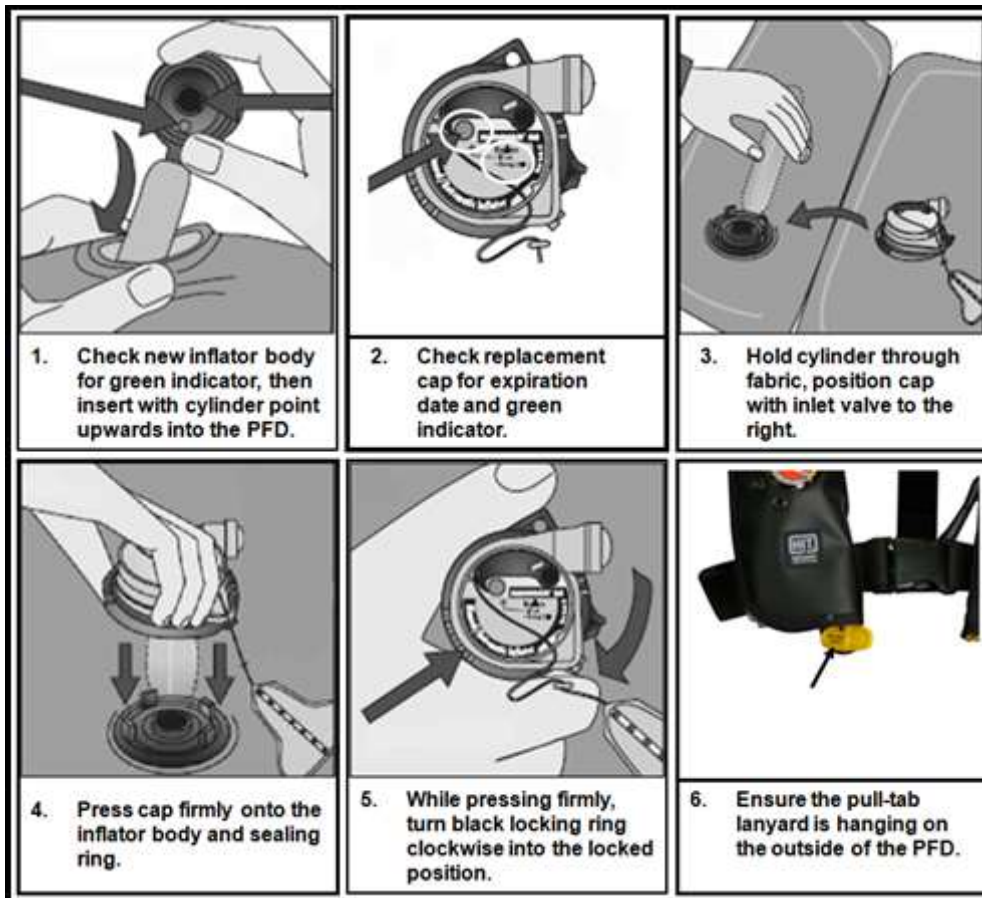




ORAL INFLATION TUBE

Figure 4

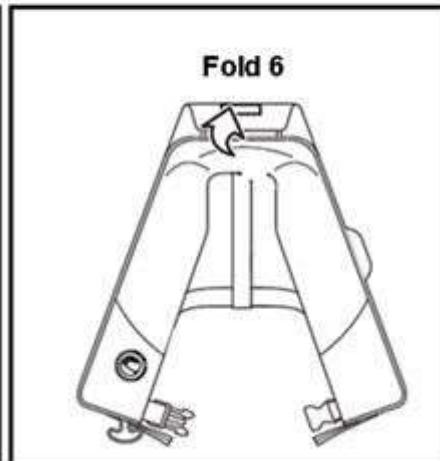
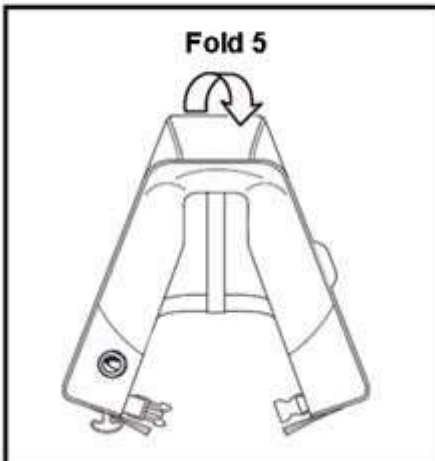
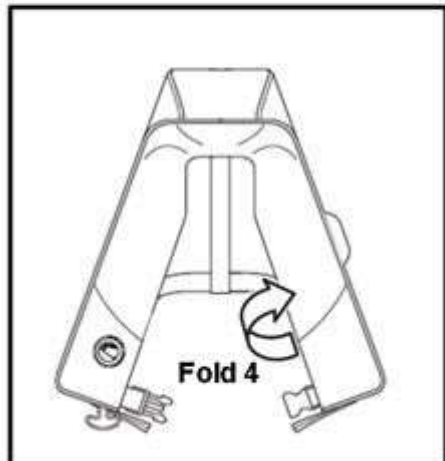
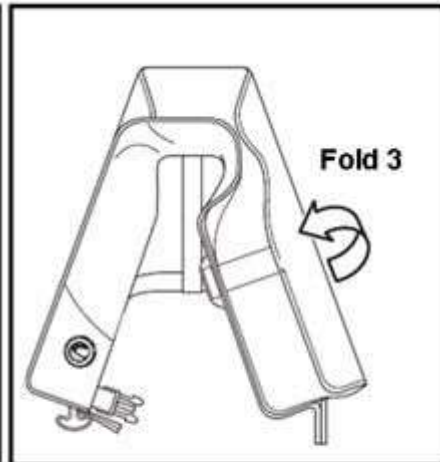
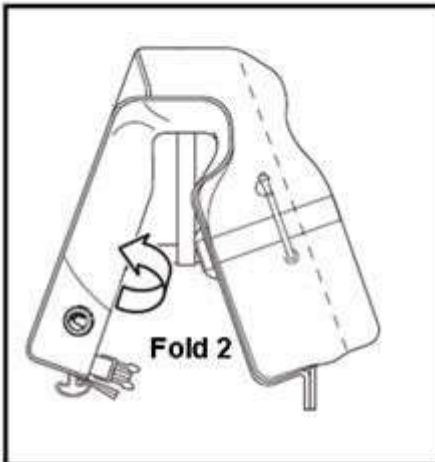
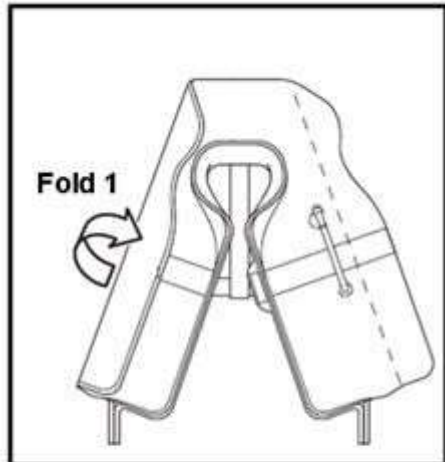




INFLATION ASSEMBLY INSTALLATION

Figure 5

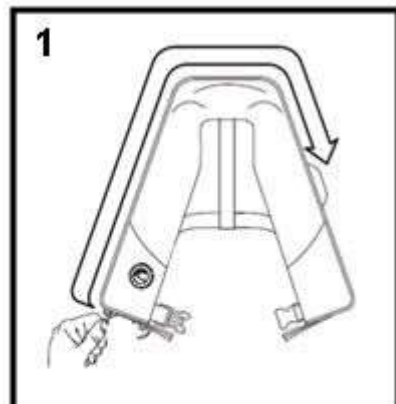




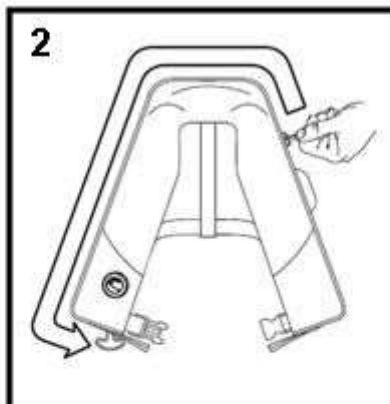
RE-PACKING MD 3183V34

Figure 6

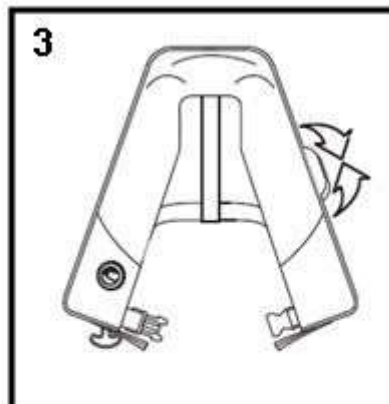




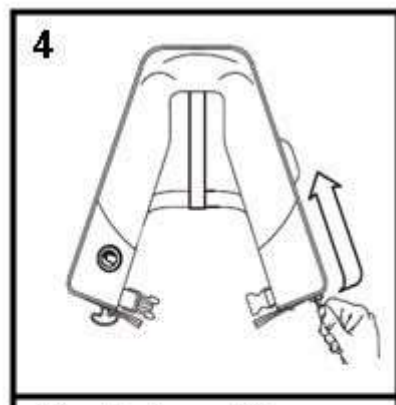
1
Reset zipper 1 by pulling the slider around the top to the velcro tab.



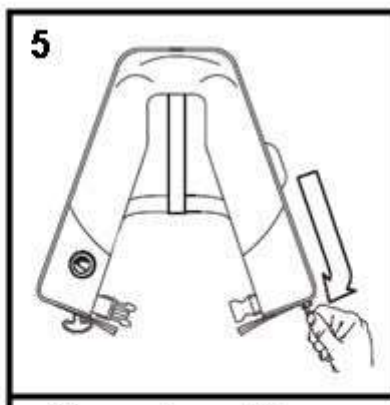
2
Close zipper 1 by pulling the slider in the opposite direction to the end of the zipper.



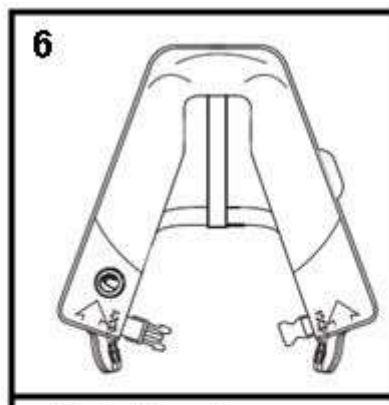
3
Fasten velcro tab to keep the zipper closed.



4
Reset zipper 2 by pulling the slider to the velcro tab.



5
Close zipper 2 by pulling the slider in the opposite direction to the end of the zipper.

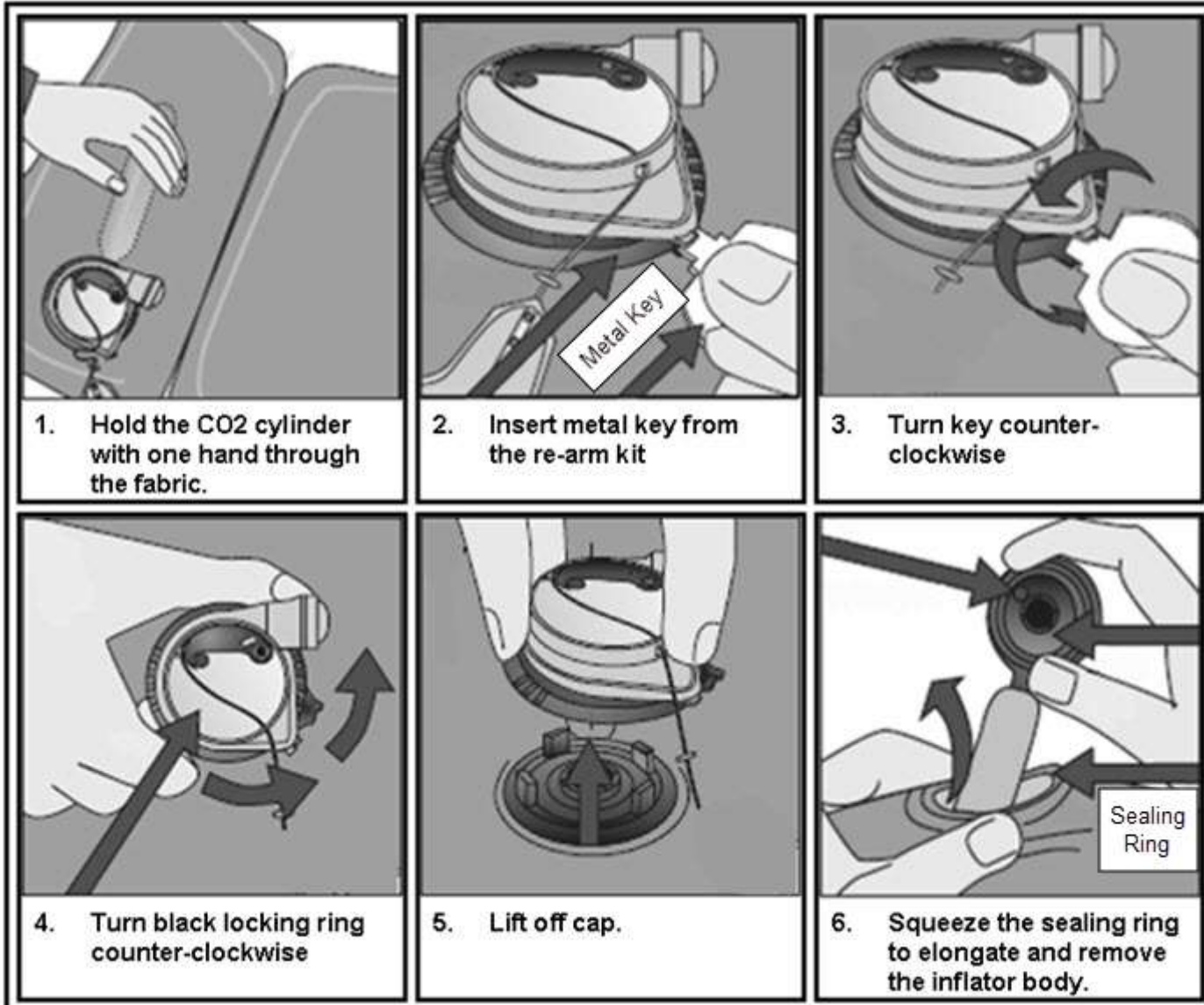


6
Push the zipper ends into the openings at the bottom of the PFD.

TWO STEP ZIPPERS

Figure 7





INFLATION ASSEMBLY REMOVAL

Figure 8

