











Marine liferafts — Inflate/deflate valve : *Test tools and torque tools*

This Service Bulletin affects products from the brands that follow:

	Survitec Dunmurry - Belfast Northern Ireland		DSB Deutsche Schlauchboot Eschershausen Germany
RFD Beaufort Inc	RFDB Inc Sharon Centre - Ohio USA		Survitec Dunmurry - Belfast Northern Ireland
	SSPI Ohio USA		DBC Marine Safety Systems Ltd. Vancouver Canada
Survitec Safety Solutions	SSS		RFD Toyo Yokohama Japan
	Eurovinil S.p.A Grosseto Italy		Survitec Zodiac Chevanceaux France

This Service Bulletin has been technically approved by Survitec Design Authority.

Signed:



Dated: 10-Dec-2021

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Marine Technical Manager
Survitec

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1. Introduction

NOTE: This service bulletin was originally circulated as
Surviva and Beaufort Seafarer Liferafts — Alternative inflate/deflate valve.
 under the reference number which follows, which is now rescinded:
 27/07

Service Bulletin 27/07 Version 1 introduced an alternative inflate/deflate valve which was to be installed on various liferafts, including 6-person to 25-person throw-over and 12-person to 25-person davit-launched type liferafts.

This service bulletin introduces multiple brands, corrects a part number error and gives the part numbers of components which are available as spare parts.

2. Equipment affected

Each liferaft equipped with the inflate/deflate valve shown in **Figure 1**.



3. Embodiment date

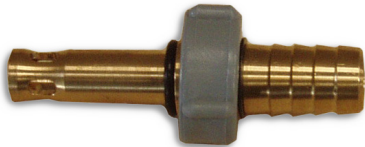
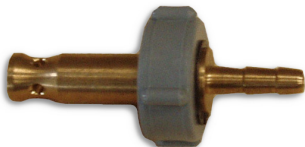
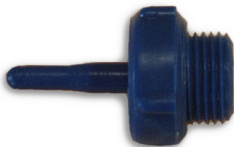
Do this service bulletin at next service.



Figure 1
Inflate/deflate valve with cap installed

4. Necessary parts

Item	Part Number	Description
①	DSB00812180	Inflate/deflate valve, complete with distance disc and nut
②	DSB00810070	Cap for inflate/deflate valve

5. Necessary equipment and tools

Test tools required		
Item	Part Number	Description
a	DSB80733040	Inflate/deflate valve adaptor (attached to airline) 
b	DSB80733050	Adaptor (for manometer/pressure testing) 
c	DSB00801800	Deflation adaptor (screws into inflate/deflate valve) 

Torque tools required		
Item	Part Number	Description
d	DSB01106810	Body torque tool 
e	DSB00724451	Nut torque tool 

6. Tasks

A. To service a liferaft equipped with this inflate/deflate valve:

- (1) Obey the correct service manual.
- (2) Use tools **a**, **b** and **c**.

B. To replace this inflate/deflate valve:

- (1) Use tools **d** and **e**.
- (2) Obey the correct service manual to open the buoyancy.
- (3) Reverse the disassembly steps. Make sure that the smooth face of the distance disc points at the nut. Refer to **Figure 2**.
- (4) Torque the inflate/deflate valve to 15 Nm \pm 1.5 Nm.
- (5) Obey the correct service manual to repair the buoyancy.
- (6) Obey the correct service manual to test, service and pack the liferaft.

WARNING:

MAKE SURE THAT EACH DEFLATION ADAPTOR **c** WAS REMOVED FROM THE INFLATE/DEFLATE VALVES. THE LIFERAFT WILL NOT INFLATE IF THIS TOOL IS INSTALLED IN AN INFLATE/DEFLATE VALVE.

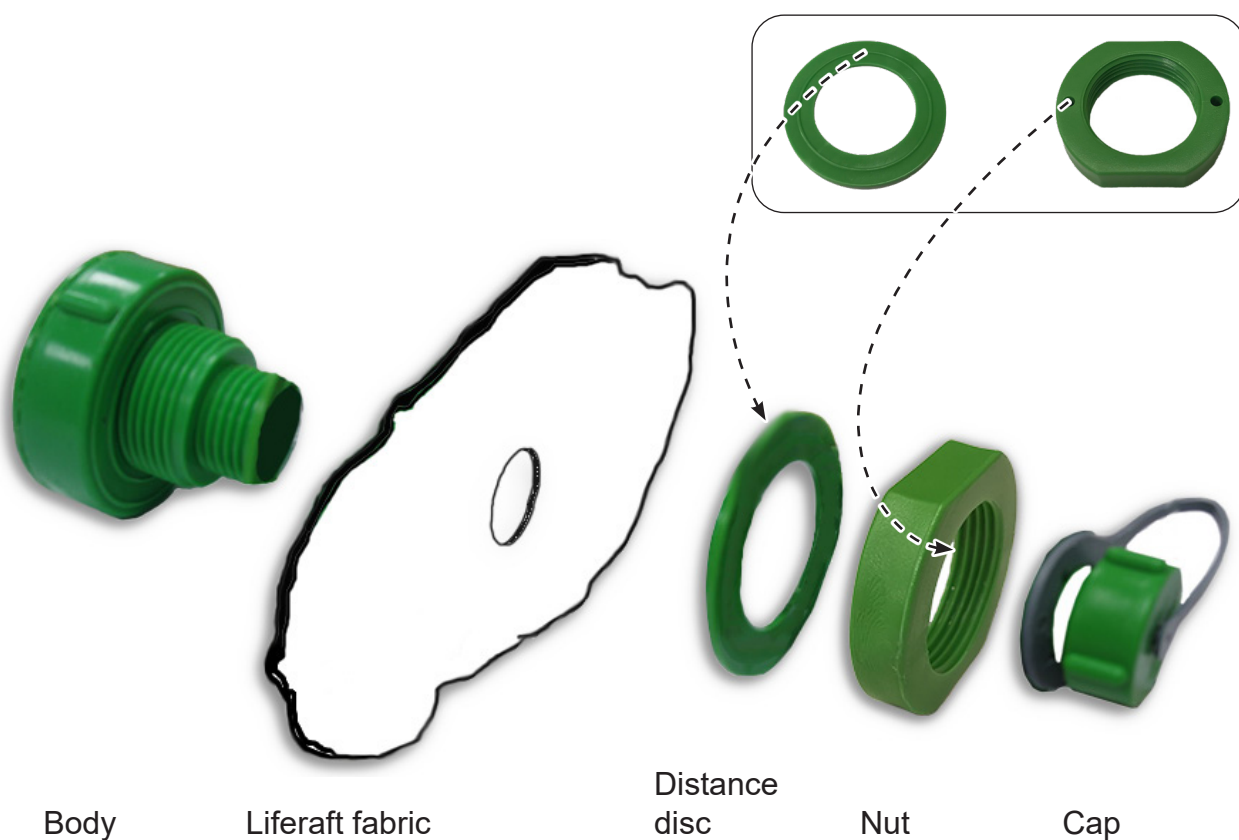


FIGURE 2
Exploded view of inflate/deflate valve
including orientation of distance disc and nut (inset)

7. Recording

None required.

8. Reporting

None required.

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Service provider: _____

Associated Publications: **None**

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When each technician has read and fully understood the publication, they must complete and sign the table below.

Keep this table with this publication.

Each person named below has read and fully understood this publication:

Signature	Name (<i>Print</i>)	Date

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