



Service Bulletin

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Extended maintenance of inflator unit Divator

Rescue BC and Divator BCW

Announcement

STOCKHOLM 2016

With many years of experience of Divator Rescue BC jacket, we recommend the following extended maintenance to preserve the functionality of the inflator unit. The Extended maintenance is especially suitable if the BC is used in waters containing a lot of dirt or if the inflator is showing sign of malfunctioning.

Applies to

The inflator unit delivered with Divator Rescue BC jacket.

Description

Necessities:

Silicone lubricant (P / N 331 900 269), O-ring tool kit (30042-51), American (US) hex wrench 1/4 and 3/16 socket, Metric cap screw 8mm, Service Kit (460 200 525 and 99568-01), lint-free cloth.

Note: Added is an exploded view of a slightly different inflator unit. Use the positions mentioned.

Service procedures:

The inflator must be disassembled, cleaned, dried and lubricated according to the following steps:

1. Disconnect the jacket from the cylinder, disconnect the inflator hose from the inflator unit.
2. Replace the O-ring from the hose, connecting the inflator unit (331 900 120).
3. Remove the mouthpiece (Pos. 17), visual inspection, mount back.
4. Carefully unscrew the side of the valve insert assy (Pos. 12), by using US 1/4 hex. Allowing the spring (Pos. 11) to fall out. Fixate the inflate shaft (Pos. 10) using a cap screw metric 8mm.
5. Remove the Interspiro sticker (Pos. 1) from the inflator button, unscrew this button with a small Phillips (Pos. 2 & 3). Gently push out the inflate shaft (Pos. 10) from the inflator side.
6. Carefully unscrew, on the inside of the inflator unit, the dump valve (Pos. 6) by using US 3/16 hex. Hold on to the deflator button (Pos. 16), if it becomes loose, keep turning until the spring (Pos. 14) is released at the bottom.
7. Clean the unit thoroughly, if needed the unit can be placed in the ultrasonic bath (max 3 min) rinse thoroughly after the ultrasonic. Dry the unit with a lint-free cloth.

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8. Replace all components listed in Service Kit 99568-01 (Pos. 1/5/9/10/11/12/15), lubricate the O-rings lightly with silicone lubricant. Put the unit back together.
9. If all other maintenance has been done on the jacket. Test the jacket:
 - Connect the inflator unit / inflator hose to the jacket.
 - Connect the MD pressure inflator hose to the inflator / connect the filled cylinder.
 - Inflate the jacket by using the inflator button (check if the inflator button is smooth to operate) until the pressure relief valves open up.
 - Check the complete set on any leakage.
 - Deflate the jacket via the deflator button.

