

Service Bulletin 31130A01 Overhaul of the DIVATOR Hatch (P/N 96962-51)

LIDINGÖ February 2, 2010

ANNOUNCEMENT

When diving in waters that are contaminated with sand and mud the DIVATOR Hatch could be difficult to open and close, and this is caused by dirt that is deposited on the moving parts of the valve.

This problem can easily be remedied by cleaning and lubricating the Hatch, as described below.

APPLIES TO

This cleaning and servicing recommendation applies to all DIVATOR Full Face Mask fitted with the Hatch.

DESCRIPTION

Consumable Materials: Silicon lubricant (p/n 331 900 269), or Krytox (p/n 331 900 540).

Service Procedure:

The problematic valve is to be cleaned, dried and lubricated according to the following steps:

1. Open the Hatch and rinse it with water in order to clean the valve from sand, mud or other dirt. Open and close the valve a number of times while rinsing it, to make sure all possible deposits comes off.
2. Blow the Hatch valve dry using compressed air, and wipe the outside of the valve (D) dry with a lint-free cloth.
3. Check that the screw (A) is screwed tight - the top of the screw head should be level with the knob's top surface. (Tighten slightly by hand.)
4. Check that the pin (E) is properly secured onto the screw (A). (Tighten slightly by hand.)

Generously lubricate the O-ring (B), the valve inside (C) and the outside (D), using Silicone lubricant. Open and close the valve 5 to 6 times to ensure that the lubricant is evenly distributed.

Note:

To further reduce the friction between the valve housing and the O-ring, the Silicone lubricant can be replaced with Krytox.

5. Now wipe off any surplus lubricant from the outside of the valve (D). This to reduce the amount of dirt/deposits that otherwise easily could stick to the new layer of lubricant.

