

Draeger, Inc.
7256 S. Sam Houston W. Parkway
Suite 100
Houston, TX USA 77085
+1 346-802-6000



Customer Letter
(Internal Reference: TSB PR92820)

Quality Improvement Action

- 1) Dräger Plus / PSS Series Lung Demand Valves (LDV)**
Manufactured date range: September 2017 through March 2018

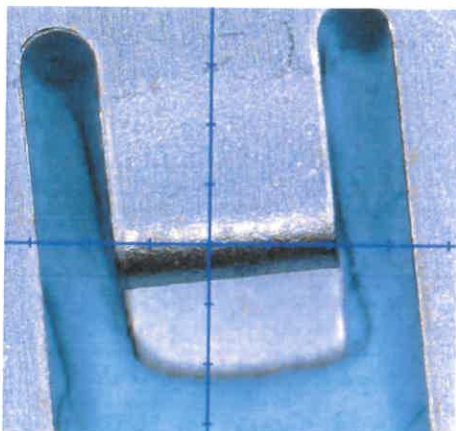
March 6th, 2020

Dear Valued Draeger Customer,

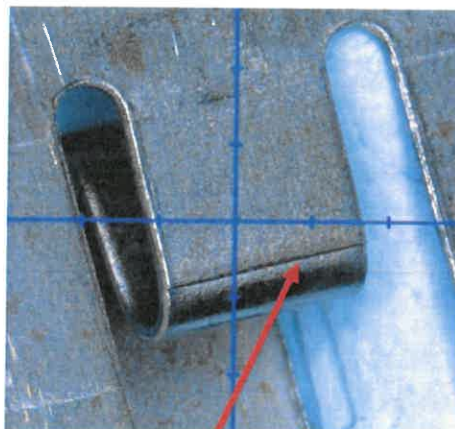
We are writing to you today because our quality monitoring and quality assurance processes have identified a number of our Dräger Plus / PSS Series Lung Demand Valves (LDV) exhibiting reduced service life of the switch-off function due to a manufacturing error with the switch-off spring.

The manufacturing error has produced a score mark on the switch-off spring. The photos below show a normal un-marked spring, and a spring with the manufacturing error score mark. The LDV section view shows the position of the switch-off spring when fitted to the LDV.

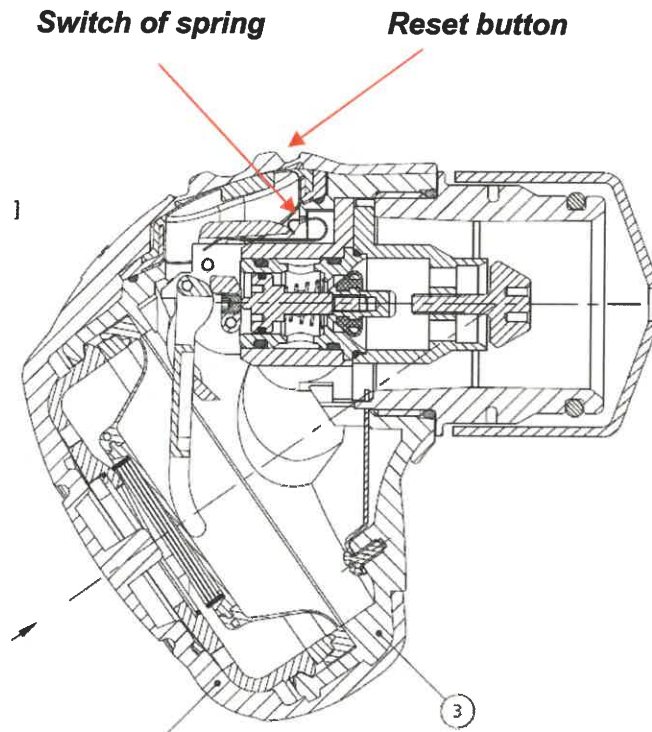
Extensive testing of the manufacturing error marked springs have shown that the score mark will eventually reduce the design specified fatigue resistance of the spring. However, the score mark error will not affect the safe function of the LDV during use. The section below will explain the effects of the error. The expected service life of the product with the manufacturing error is estimated to be at least 4 to 7 years assuming normal and typical use.



Normal Un-marked Spring



Score Marked (Error) Spring



LDV cross-sectional view

How the error may affect your unit(s):

Initially, the error will be first observed as an unintended activation of the LDV due to a minor impact to your unit. This will be evident to the user in the form of a slight loss of air prior to use of the respiratory protective device with which the LDV is used.

In extreme cases, this may progress to the condition where the user will be unable to deactivate the LDV by pressing the reset button. This will result in a loss of air once completing the pre-entry check or possibly after use, but will not occur during use, as this function of the LDV is not needed.

Solution:

The switch-off spring is not available as a spare part therefore the repair will require the replacement of the Air Transfer Block (ATB) in the LDV, as well as the corresponding clamp and clip. After replacing the ATB a full LDV function test will be required

Because the eventual manifestation of this issue is likely to take several years to occur, there is no particular urgency to have your unit(s) repaired and serviced.

For customers with a Dräger Service Contract the repair action will be carried out free of charge during your next scheduled service.

For customers without a Dräger Service Contract, our Service Team will be contacting you to schedule either on-site repair, or to arrange for you to send your units into our Service Depot for repair. This service will also be free of charge.

If you have an urgent need to have your units serviced, please contact us at the phone number below.

For Customer Service:
US-Safety@draeger.com
1-800-437-2437

We would like to apologize for any inconvenience this measure may cause, however we believe it is essential to ensure the continued safe use of PSS / Plus series Lung Demand Valves. We thank you for your co-operation in this matter.

For any questions regarding this notice, you may contact me at the following contact number:

+1-346-802-6075

Respectfully,



William Stegman
Quality Manager, Draeger, Inc.
DIHouston.Quality@draeger.com

Attachments: None