

# Aqua Lung America

## ***TECHNICAL BULLETIN***

June 15, 2013  
No. 39

**SUBJECT: LEVER HEIGHT ON LEGEND LX  
AND LEGEND LUX**

**PRODUCTS AFFECTED: All Legend Regulators with MBS System**

- **129620 Legend LX ACD**
- **129630 Legend LX ACD DIN**
- **129640 Legend LUX ACD**
- **129650 Legend LUX ACD DIN**
- **129680 Legend LX Supreme ACD**
- **129690 Legend LX Supreme ACD DIN**
- **129700 Legend LUX Supreme ACD**
- **129710 Legend LUX Supreme ACD DIN**
- **129770 Legend LX ACD TWILIGHT**
- **129780 Legend LX Supreme ACD DIN TWILIGHT**

We were notified of a few instances where the lever height on a Legend LX and a Legend LUX had lowered from its original setting, thus compromising the strength of the purge function. These regulators continued to work and breathe; they just had poor purge function.

After our investigation, we found that the problem was being caused by a unique set of circumstances all coming together at once.

- 1. If the regulator was not under pressure, and***
- 2. The regulator had an AquaFlex hose from a specific supplier, and***
- 3. The second stage hose protector was pushed towards the second stage in a clockwise, twisting motion, then***

It was possible for the hose, which travels through the second stage swivel nut, to penetrate far enough into the second stage for the hose fitting to interfere with the crown orifice and turn it inwards. This, in turn would lower the lever.

The hoses that can allow this situation to occur have a swivel nut on them with smooth sides as shown here:

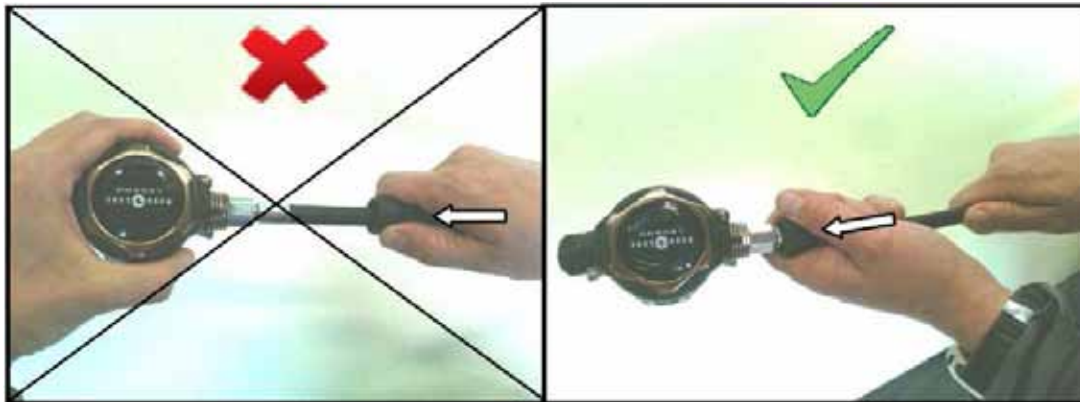


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If you are aware of a Legend LUX or Legend LX with this situation, we ask you to readjust the lever height by using the procedures described in the Legend LX and Legend LUX repair courses and repair manuals AND put the second stage hose protector in place following the procedure below:

Do not push and rotate the Hose Protector by holding the second stage in your hand.



To eliminate this possibility in the future, we have corrected the hose, given it the p/n 129807, and have identified it by adding ribs to the swivel nut as seen here:



Hoses with this style swivel nut are not concerned with the above issue.

We believe that the issue outlined above is extremely rare. It cannot occur during a dive. Should you come across this situation, Aqua Lung would like to hear about it.

We thank you for co-operating with us.

**Should you have any questions regarding this issue,  
please contact our customer service department at:  
(877) 253-DIVE**