

SAFETY NOTE n°17-02

POTENTIAL LOOSENING OF THE ACD YOKE SYSTEM

PRODUCTS AFFECTED: Following several feedbacks from our customers, we write the following safety note concerning the ACD yoke system mounted on the following regulators (or proposed as an option):

- CORE ACD yoke (all models)
- LEGEND ACD yoke (all models)
- TITAN LX ACD yoke (all models)

PURPOSE: In ACD yoke systems where the shutter valve (1) has not been properly tightened to the recommended torque, there is a possibility that the shutter valve (1) may loosen itself from the yoke retainer (3). This can happen while trying to remove the first stage from the cylinder while the first stage is still under pressure or while partially pressurized (always make sure the regulator is completely de-pressurized before trying to remove the first stage from a cylinder).

When the shutter valve (1) is unscrewed enough, it can disrupt the flow of gas from certain cylinder valves that have a threaded front insert.

INSPECTION: If the shutter valve (1) is loose, you may see a gap between the shutter crown (2) and the yoke retainer (3).



Picture (A) shows the correct position and picture (B) shows a loosened shutter valve (1) with a gap. The red mark characterizes the gap.

We ask you to carry out a check before each dive when connecting the regulator to the valve. If there is a gap, you will need to follow the corrective action.

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Picture A



Picture B

CORRECTIVE ACTION: If you find a gap in the shutter crown (2) then you will need to remove the yoke retainer (3) from the regulator body and re-torque the shutter valve (1) to 0.3m.Kg (3N.m) following the instructions in the maintenance manual.

WARNING: We draw your attention to the fact that when the shutter valve (1) is unscrewed enough, it disrupts the gas flow. With some valve inserts proposed by the market, whose hex is smaller than 8mm, it can lead to a gas failure underwater.

For more information, contact your Aqua Lung dealer or visit www.aqualung.com.