

Aqua Lung America

TECHNICAL BULLETIN

May 29, 2017
No. 47

SUBJECT: Potential Loosening Of The ACD Yoke System

PRODUCTS AFFECTED:

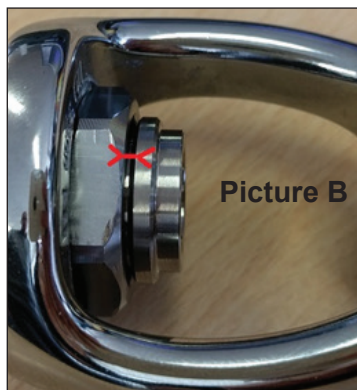
- CORE ACD yoke (all models)
- LEGEND ACD yoke (all models)
- TITAN LX ACD yoke (all models)

Dear Aqua Lung Dealer,

In June of 2011, the torque specification of the Shutter Valve (1) was changed on all ACD models to 27 in-lbs (3Nm).

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 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).

INSPECTION: If the Shutter Valve 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. If there is a gap, you will need to follow the corrective action.



CORRECTIVE ACTION: If you find a gap in the Shutter Crown then you will need to remove the Yoke Retainer (3) from the regulator body and re-torque the Shutter Valve (1) to 27 in-lbs (3 Nm) following the instructions in the maintenance manual.

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