

Aqua Lung America

TECHNICAL BULLETIN

July 1, 2008
No. 22

SUBJECT: Recall Notice of Titan/Conshelf DIN Handwheel Retainer

Affected units:

- DIN Titan 1st stages with S/N's below 6062501
- Titan DIN adaptors P/N 103172 with "300 BAR MAX" stamped on Handwheel Retainer.
- Conshelf DIN adaptors P/N 107455 with "300 BAR MAX" stamped on Handwheel Retainer.
- DIN Handwheel retainer P/N 106056 stamped 300 BAR MAX.

Aqua Lung is issuing a recall on Titan / Conshelf DIN Handwheel Retainers (p/n 106056 in America, p/n 124606 elsewhere in the world). Please reference the diagram below. The suspect part, which was made of brass, was used prior to June 2006. The new part, made of stainless steel, will be stamped "300 BAR MAXI". The old part made of brass was stamped "300 BAR MAX" The difference being the letter "I" on the new part (see image below).

In 2006, we learned that the part had the potential of cracking if it were over-torqued by a technician upon installation. At that time, we issued a Technical Bulletin (reference Technical Bulletin No. 16 dated March 27, 2006) advising technicians to change out the brass part for a stronger stainless steel part when regulators were brought in for service. Since then, we have concluded that this bulletin, has not been effective as the change outs have not been occurring regularly. In addition, we have now learned that an over-torqued retainer can break under pressure as well. Because of this, we are formalizing the change out procedure as a recall. To ensure that all Titan / Conshelf DIN handwheel retainers are inspected, Aqua Lung has issued this notice to Authorized Dealers and consumers. The consumer is requested to return their Titan / Conshelf DIN first stage to an Authorized Dealer where the DIN handwheel retainer will be inspected and replaced if needed at no charge to the consumer.

Should you find a brass retainer during annual service, please contact our customer service department at: (877) 253-DIVE for a replacement.

The replacement handwheel retainer will come with (2) o-rings pre-installed.

The torque specification for the stainless steel Titan/Conshelf DIN Handwheel Retainer has been changed to 18 ft/lbs (24.5 Nm).

For future reference, please make torque corrections in the following literature:

- Titan First Stage Technical Maintenance Manual (pg.11)
- 2008 Spare Parts List (pg. 8,10 & 12)

