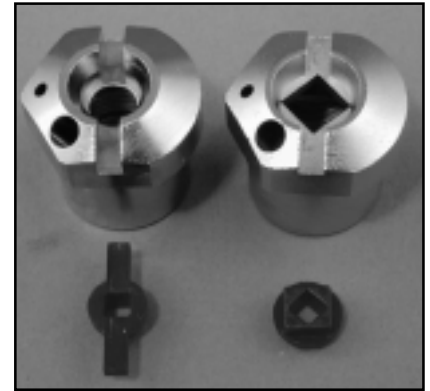


**XLC Second Stage Retrofit Service Advisory**

**Attention all Authorized Aqua Lung Dealers:**

In 1998, Aqua Lung introduced the XLC Second Stage. This second stage can be found on the Cousteau (104100), Titan (103100) and Calypso (105100) regulators. It also comes in an Octopus configuration (104160 & 104180).

The XLC has a black poppet bearing associated with the valve insert. The first units released in 1998 had a poppet bearing that loaded from the front of the valve insert. At the beginning of 1999, a design change was incorporated that featured a rear-loaded bearing instead (see illustration).



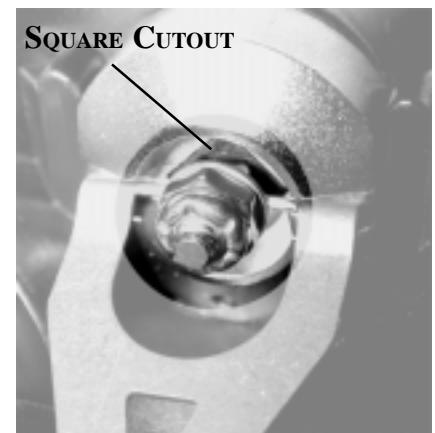
**OLD STYLE (1998)      NEW STYLE**

Since early 1999, utilizing our many field training seminars, repair manual and schematic update, we have asked you, our authorized dealers and service centers, to please upgrade the 1998 units that had the front-loaded poppet bearing to the new rear-loaded poppet bearing whenever you came across one. To give you incentive to retrofit those 1998 units, we have been providing, free of charge, the new style valve insert and bearing in each XLC service kit, 900010. Hopefully, by now, most units have been converted.

We now want to step up the efforts to get the remaining older style inserts and bearings out of the field. We have recently discovered that in rare cases, a spike in intermediate pressure from a poorly performing first stage can lead to the removal of the lever in XLCs that have the older configuration. If the lever were to become dislodged during a dive it would terminate the air supply and cause the diver to use their alternate air source or turn to their buddy for air.

If you maintain records or have the ability to contact customers that may have XLC second stages, we ask that you contact them and have the regulators brought in for inspection. We are also asking that you inspect all unsold inventory and rentals.

To determine if a regulator may have an early revision valve insert / poppet bearing, please look at its serial number. The second stage serial number is found on top of the second stage adjacent to the leading edge of the mouthpiece. All XLC second stages that were manufactured with the original design had a serial number which began with the letter(s) "F", "GA", "GB" or "GC". If you find any XLC second stages where the serial number begins with these, please pull off the top cover and diaphragm and observe which version it is. The square cutout of the new style insert can be viewed by depressing the lever (see photo inset).



If you find an older version, please service the unit with the 900010 XLC service kit. This service kit contains the new style valve insert / bearing. Please call our Customer Service Dept toll free at 877-253-3483 and we will be glad to replace, free of charge, any kits you use.

If you or any member of your staff have any questions regarding this retrofit, please call our Customer Service Dept. at 877-253-3483 and speak to one of our professional repair technicians.