

Regulator Hose Replacement

First, we want to thank you for choosing Tiedemann's Diving Center to overhaul your regulator. We take this very seriously. We only use genuine original manufacturer's parts. We take apart the regulator so that every part is inspected and cleaned. The parts that are not being replaced, as part of the overhaul, are inspected for loss of chrome plating, deforming, cracking, as well as wear and tear. If any part has any problem - it is replaced.

The parts that manufacturers supply in overhaul kits are inspected and installed. Once all the parts are back together, the regulator is adjusted to manufacturer's specifications. It is then bench tested for 24 hours under pressure, for any leaks.

As part of the overhaul, the hoses of the regulator are inspected, and the "O" rings at each end are removed, and replaced.

What you need to understand, is that there is no rules about replacing hoses, on some type of time table. If we find no damage to the hose, and it passes the 24 hours leak test, we do not replace the hose.

Unfortunately, the next time you use your regulator, a hose may leak. High pressure hoses (the one on your SPG) are prone to just starting to leak. There is no warning. Has a hose gets older, the chances go up. If your high pressure hose looks like an aquarium aeration stone underwater (bubbles ever-ware along the hose), it needs to be replaced.

Fortunately, this is usually not a dangerous situation. The amount of air lost is small and the dive can safely be ended.

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We will not replace a hose (unless the customer request it), if we can not find any reason to do so. If you get your regulator overhauled and leaks soon after, you might think we did not do our job. All divers have to accept that a hose might fail at any time.

The good news is that failure, is easily handled. If a hose goes bad, there will be leakage. That dive is over, but a simple hose replacement can take about 3 minutes and it can be done on the dive boat. If you are diving with us on one of our escorted trips, the trip leader will have extra hoses. It can be lent to you for the rest of the trip. If you are working with a reputable dive facility, they can easily replace the hose at a reasonable cost. If the facility is not a reputable one, they may tell you your regulator is "bad", and that you need to "rent" one of their regulator for the rest of your trip.

Another very simple solution, to this situation, is to have extra hoses, in your spear parts kit. This way you can change the hose and continue your diving. When you purchase your extra hose, we can teach you how to do so.

Remember, Tiedemann's Diving Center has a one year overhaul guarantee. Something goes wrong, with a regulator, we overhauled in the past year, we will make it right. That includes adjustments and problems with any of the parts we replaced. If a part fails that we did not replace, we will install the new part, (which you will need to pay for), and readjust the regulator with no labor charge.

Thanks again for choosing Tiedemann's Diving Center. Want to learn more about taking care of your equipment? Consider taking our Equipment Techniques Course. In it you will learn about field repairs and how to take care of all your equipment.