



MK20 Yoke / DIN Service Bulletin

Dear Authorized SCUBAPRO UWATEC Dealer,

This is a communication to you, our dealers, to inform you we are in the preliminary stages of an upgrade program for the MK20 first stage regulators.

Recently, we were notified that a diver had reported a crack in and around the body of a MK20 first stage regulator where the yoke retainer seats against the internal body of the regulator. We immediately conducted an internal review utilizing our **SCUBAPRO**® Engineering Team. Simultaneously, we asked the independent experts at **Exponent Failure Analysis Associates** to determine the root cause. Exponent is a leading failure analysis consultancy with technical expertise spanning a wide range of scientific and engineering disciplines.

Exponent has completed an extensive and comprehensive independent review and analysis of the MK20 design and materials, as well as detailed inspection and analysis of both the failed unit and properly working MK20s. They determined the crack occurred due to a combination over torque and exposure to an underwater environment. The crack may be initiated if exposed to over torquing and over time, a larger crack may develop when exposed to harsh environmental conditions and, in a small number of cases cause a failure.

As a result of these findings, SCUBAPRO's engineering staff and Exponent both recommend that all MK20s be updated with Universal Yoke Retainer (PN 10.103.115). This retainer transfers the mechanical load to the yoke retainer and not the body. The upgrade to this Universal Yoke Retainer and proper torque settings have been found to eliminate the stress placed on the body of the regulator at the location of observed cracking. This update, available in both Yoke and DIN, will soon be available to you so that you may update your customer's MK20 first stages. We will be mailing each Authorized Dealer more correspondence on this program within the next week.

In closing, we work hard to earn the trust of you and your customers every day, and know that our reputation is based on what we do, not what we say we will do. That is why when we first learned of a problem, even though it involved a product no longer produced or sold, we took responsibility and immediate action. At SCUBAPRO diver safety comes first.

Please feel free to contact your Sales Representative or our Technical Services Department if you have any further questions.

SCUBAPRO UWATEC
North America