



SAFETY ALERT

Technical Bulletin 07012020

Subject: High-Pressure Gauges sold between 2012 and 2018

Where used:

Sold as a stand-alone product, p/n GB01
Standard Fill Checker, p/n AC360
Deluxe Fill Checker, p/n AC365
Deluxe Cylinder Equalizer, p/n AC366

How to Identify: The GB01 HP gauges covered in this bulletin have a black face card with an outer psi scale in white, and an inner bar scale in blue. They are liquid-filled. They have 1/4" NPT threads (Fig. 1A). **DO NOT** confuse with the current GB01, 2019 – present, which has an outer psi scale in white, and an inner bar scale in yellow. It is not liquid-filled. This current gauge is **NOT** the subject of this bulletin (Fig. 1B).

The Problem: In the rare event of an internal leak, the black over-pressure (OP) relief plug (Fig. 2), located on top, should vent, allowing excess pressure to escape. It does not in all cases.

We are finding that as these over-pressure plugs age; they are becoming harder. While originally supple and pliable, some that have been in the field for many years have become hard. In some cases, we found that the plug had become too hard to properly relieve excess pressure should there be an internal leak. This can result in the glass lens shattering outward.

The Solution: XS Scuba has a replacement OP plug available, which will not harden with age. To visually distinguish the two, the upgraded replacement plug is blue, while the old plug was black (Fig. 3).

In addition, if your High-Pressure Gauge has an older style, protective rubber boot that does not have a relief hole on top, XS Scuba will provide an updated boot for you. The relief hole allows the OP plug to release without interference (Fig. 4).

Fig. 1A



This gauge, from 2012-2018, is the subject of this bulletin. It has a white and blue scale and is liquid filled.

Fig. 1B



This is the current gauge, 2019 – present. Notice the **YELLOW** scale. It is **NOT** the subject of this bulletin.

Fig. 2



Fig. 3



Fig. 4



Corrective Action: The corrective action is two-fold:

1. Replace the over-pressure relief plug.

Have the new, blue replacement OP plug available. Relieve any pressure in the gauge so that it reads zero. Peel back the black, rubber protective boot to expose the OP plug on top. While keeping the gauge vertical so as not to spill the oil inside, remove the black OP plug. You may be able to pull it out with fingernails or you may have to use a thin, blunt instrument like a small screw-driver or similar (Fig. 5). Press fit the new blue plug, barb side first into the hole (Fig. 6).

2. Upgrade the rubber protective boot (if necessary).

If the gauge's rubber protective boot does not have a 1-inch relief hole on top, centered over the OP plug, remove the boot and replace with the upgraded model (Fig. 4).

Acquiring New OP Plugs and Rubber Protective Boots:

Email a simple picture, taken with your phone, of each suspect HP gauge in your possession. Peel back the rubber protective boot, exposing the OP Plug. Shoot the gauge from the front, at a sharp downward angle (Fig. 7). The image should show the front face card, the black OP plug, and the top of the rubber protective boot.

U.S and Canada: Email the image for each gauge to service@xsscuba.com, along with your name and shipping address.

International Dealers and Distributors, please submit required quantities along with your next order.

Should you need further information, please contact XS Scuba at info@xsscuba.com or call 866.977.2822

