



APPLICATION NOTE

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Subject: Pressure Gauge Venting	Number: AN-SEN-013
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With our G25 Stainless Steel gauges there can be a condition where some gauges may reflect a reading that is slightly "off zero". This usually occurs with lower pressure gauges such as vacuum gauges up to 100 psi, and is caused by air pressure buildup inside the gauge.

To prevent this condition properly vent the pressure gauge so the internal pressure matches the atmospheric pressure by removing the fill plug and making a small hole in it after you have installed the instrument.

If the gauge accuracy is in question and there are concerns about contaminating the inside of the gauge in harsh environments, simply vent the gauge by briefly removing and then reinstalling the fill plug.

Be careful when venting liquid filled gauges. Some of the glycerin could leak out if they are not mounted with the fill plug in the 12 o'clock position.



Note: To prevent leakage with glycerin filled gauges, make sure the vent is in the 12:00 position before removing the plug.

Make a small vent hole in the fill plug to equalize the internal gauge air pressure with the outside atmospheric pressure.

Technical Assistance

If you have any questions regarding this Application Note, please contact Technical Support at 770-844-4200.