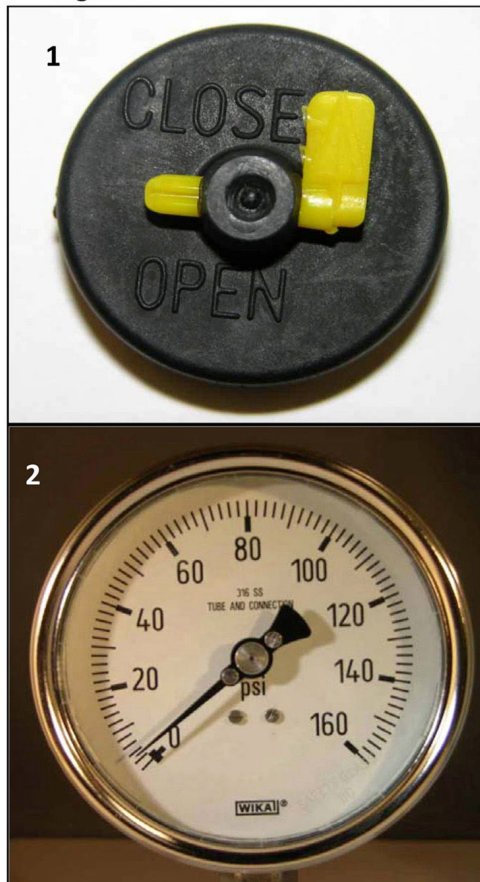


# TECHNICAL BRIEF

For pressure gauges with full-scale ranges of 300 psi and below (including vacuum and compound ranges of 30" Hg-0-200 psi and below), case venting after the gauge is installed is necessary to preserve the accuracy. Temperature fluctuations during shipment and in the process application cause the liquid filling to expand and contract which, in turn, increases or decreases case pressure. As a result, the internal case pressure will cause a shift in the span of the gauge, creating a pointer offset. The pointer may not return to zero properly until the gauge is vented to the atmosphere (Figures 1 and 2). To vent a WIKAI gauge, move the valve to the open position. This will release any pressure or vacuum built up in the case (Figures 3 and 4). If the gauge is installed in an upright position, the lever can stay in the open position. The vent lever plug allows for mounting positions other than upright. Please consult the factory for details.

Figures 1 & 2: Vent Lever Closed



Figures 3 & 4: Vent Lever Open

