

This Anderson EL-Series Gauge has been factory calibrated to within published specifications using a pressure reference traceable to NIST. Impacts due to drops, rough handling at shipping, etc may impart an offset that can be corrected in the field. If the pointer is visibly outside of the zero band, a re-zero calibration may be desired. The below Re-zero procedures are designed to provide optimum accuracy at the normal operating pressure of the gauge.

Re-zero Procedure EL:

Mount the gauge on a test fixture with a variable pressure source and an accurate pressure reference. Raise the test pressure to the normal operating pressure at which the gauge will be used. Insert a 2.5mm or 3/32 hex wrench into the head of the re-zero shaft, located in the upper right corner of the back of the gauge. Carefully rotate the shaft to reposition the pointer to agree with the test reference. **Warning:** Adjusting more than $\pm 5\%$ of the span of the gauge may cause damage to the re-zero adjustment mechanism. Return the test pressure to zero before removal of the gauge from test fixture. Note: For offsets greater than $\pm 5\%$ of the span, return the gauge for factory recalibration or replacement. **Caution:** Return the test pressure to zero before removal of the gauge from the test fixture.

Re-zero Procedure ELH:

The EL procedure may be employed if a suitable high pressure standard is available. Otherwise a basic re-zero may be accomplished by simply adjusting the shaft as described above so that the pointer is located at the center of the zero band.



Anderson Instrument Company
156 Auriesville Road
Fultonville, NY 12072
800-833-0081
www.andinst.com