

The Construction Forms In-Line Pressure Gauge gives you the ability to see the pressure levels on the concrete at any point in the pipeline. An indicator needle on the gauge displays the maximum pressure reading.



Figure 1: Pressure Gauge

Pressure Gauge Contents

The pressure gauge includes an in-line pressure pipe and a pressure gauge with maximum pressure indicator (Figure 1). The pressure pipe is available in several diameters and end configurations. Check the information tag on the pressure pipe to find the rated

Warning: Exceeding the rated pressure limit can result in serious injury.

working pressure.

Installation of the Pressure Gauge

The pressure gauge pipe can be installed anywhere in the pumping line using the same gaskets and couplings as a typical pipe. The gauge is not affected by orientation, so the pipe can be installed vertically or horizontally. The gauge requires daily maintenance, so the pipe should be installed in an area that can be easily accessed.

Inspection and Maintenance

The pressure gauge should be inspected for damage daily. A damaged gauge should be replaced immediately.

Grease application is required daily. Connect a grease gun to the grease zerk and fill the pressure gauge extension (Figure 2). Con Forms recommends using a general purpose marine grease. Filling the pressure gauge extension tube with grease daily protects the gauge from concrete infiltration and is critical to proper operation of the pressure gauge.

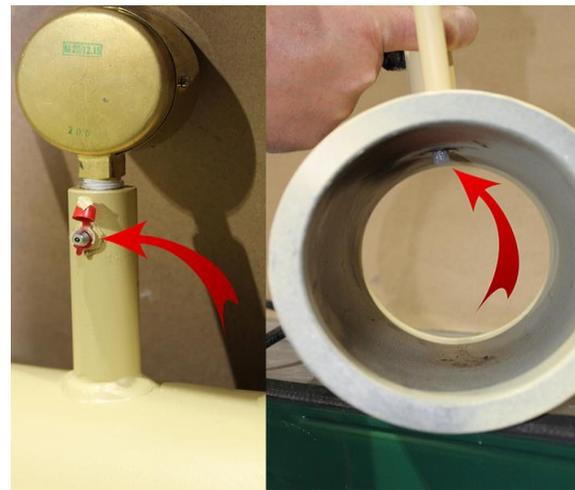


Figure 2: Grease Application

Troubleshooting

Under high pumping pressures and large volumes, concrete can infiltrate the pressure gauge extension tube and, once cured, create a plug in the tube. Typically the plug can be expelled by slowly pumping grease into the extension tube. You will see pressure on the pressure gauge until the plug is expelled. Continue adding grease until the pressure gauge reads 0 psi. **NOTE: Do not exceed 3000 psi when trying to free a blockage in the tube. Exceeding this pressure could damage the pressure gauge or the extension tube.**

Replacement Parts

If you need replacement parts for your In-Line Pressure Gauge, or any other components for your concrete pumping pipeline, please contact a Con Forms Sales Representative at our toll free number, 800-223-3676.



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