



TIM'S TECH TIPS



Hydraulic Gauges

When you call the Genesis service department for assistance, we ask that you have the model and serial number of your attachment and as much detail about the maintenance and/or performance issue as possible so we can quickly resolve the problem and get your attachment back in operation.

There are also other, lesser-known items we recommend having when calling about hydraulic issues, and those are pressure gauges.

To diagnose hydraulic issues correctly and efficiently, you will need two gauges that each measure 6,000-10,000 psi. The gauges should be digital so they record minimum and maximum pressures that occur so quickly they can't be detected with dial/needle type gauges.



You will also need -04, -06 and -08 ORB diagnostic couplers and fittings, as well as Zero Leak plugs to install after the diagnostic testing has been completed.

Diagnostic fittings cannot be left on the high-pressure circuit, as decompression spikes can cause the plugs to fail and leak over time. The fittings should only be used to diagnose problems and/or set system pressure. See the [Zero Leak Hydraulic Port Plugs Tech Tip](#) for proper plug installation, and remember, they are torque sensitive.



Diagnostic fittings and Zero Leak plugs can be purchased from the [Genesis parts department](#) or your local hydraulic supplier. Gauges and quick couplers can be sourced locally or online. [Parker's Service Junior](#) is just one example of a digital pressure gauge.

Chasing hydraulic issues without a digital pressure gauge can result in wasted time and resources. It's best to always have a couple available so Tim, talseth@genesisattachments.com, 218-349-5755, and Loren, llagesse@genesisattachments.com, 715-919-8316, can readily solve your problem.

