



## **Cylinder Block Caution on 2016-2018 Caterpillar C7.1 Diesel Engines**

The AERA Technical Committee offers the following information on a cylinder block caution for C7.1 Caterpillar diesel engines. Many may be familiar with the previous Caterpillar 3126 and C7 diesel engines. The C7.1 is not similar to those engines as the cylinder block is made with CGI (Compacted graphite iron).

Basically, a clean sheet was given to develop the C7.1 engine. While previous design engines required a torque plate to bore and hone, the newer CGI block with different structural integrity does not require a torque plate to bore and hone. Caterpillar now offers pistons and rings in .020" (.050 MM) & .040" (1.000 MM) oversize's to repair worn cylinder bores in these engines. AERA is currently unaware of an aftermarket supplier of pistons and rings for these engines.