

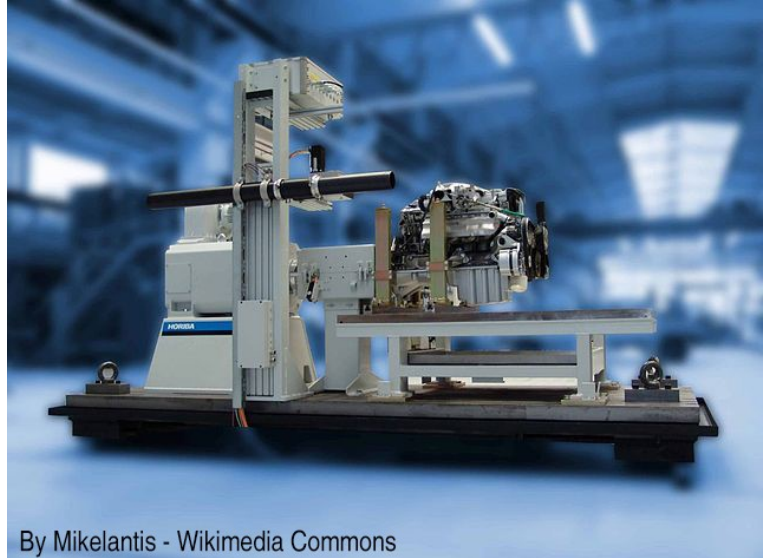
Test engine compression for wear

APPLICATION C185

Type of Company: [Automotive Manufacturer](#)

Location: [Michigan](#)

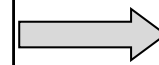
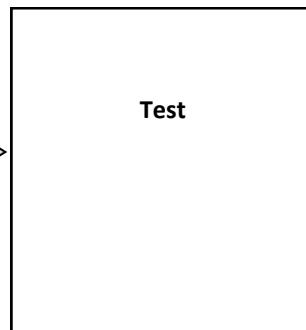
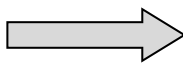
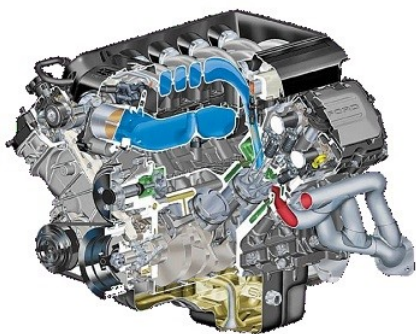
An engine test is used to diagnose any long-term problems in the engine and improve engine performance. An engine is installed on a test stand and a durability test can be run for several weeks at a time. During this test, the engine needs to be periodically shut off and have various compression and cylinder tests performed to accurately monitor the engine condition.



By Mikelantis - Wikimedia Commons

The Engineering Issue

- The engineer requires an accurate visual indication of the compression for each cylinder: the technician must verify that the cranking compression value for each cylinder match one another to the best of the technician's ability.
- The gauge needs to be portable, rugged, accurate and have an easy-to-read visual indication of the pressure.



The engineer used a Cecomp Ultra-Ruggedized F16B gauge. This gives the technician an accurate visual readout of the cylinder compression.

Problem. Solved.