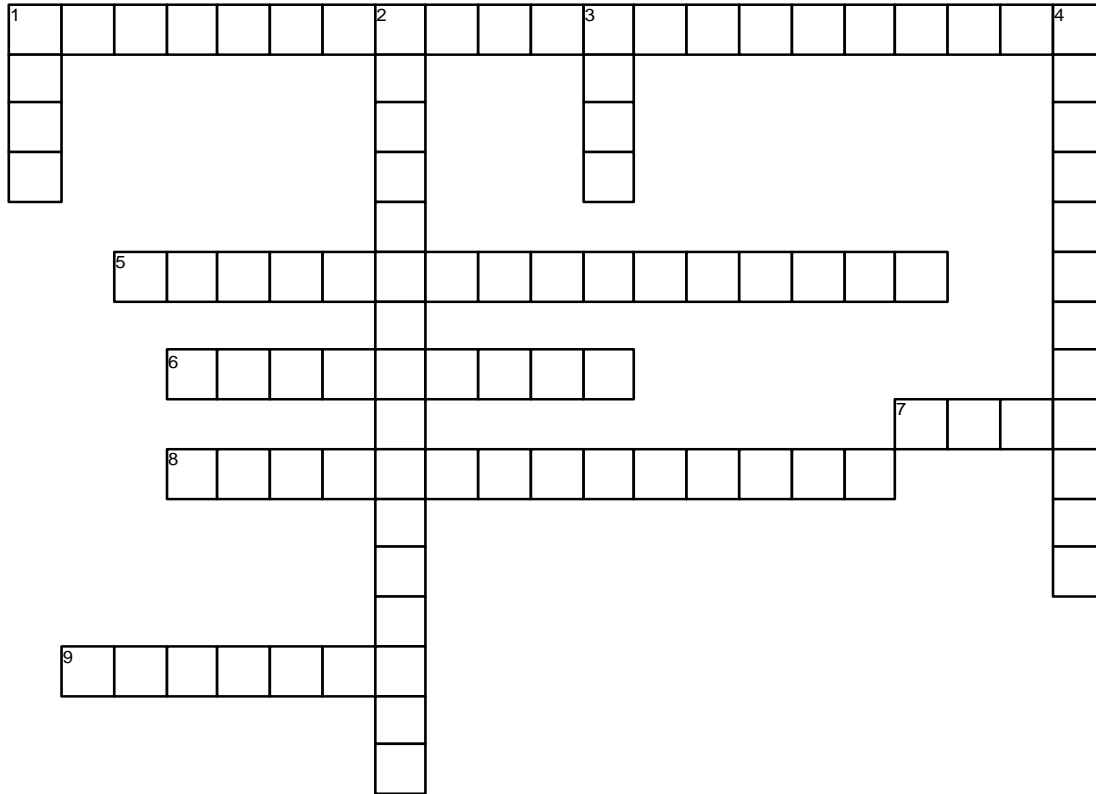


Hydraulically Actuated Electronic Unit Injector (HEUI) Systems

Chapter 14



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ACROSS

- 1 the _____ electronic unit injector (HEUI) system was one of the first systems used on modern high-pressure diesel injection technology.
- 5 A scan tool can be used to view the desired injector control pressure (ICP) and the duty cycle of the _____ regulator valve.
- 6 Because HEUI injectors use high-pressure oil for actuation, the correct grade and _____ of oil is critical for proper operation.
- 7 The HEUI injector is considered a _____ injector because all of the functions related to fuel delivery are incorporated into a single component.
- 8 The _____ module is responsible for increasing the system voltage up to the needed voltage to operate the injectors.
- 9 _____ is a mixture of soot, oil, and fuel. excessive amounts can damage the fuel injectors, the pistons, and the cylinder walls.

DOWN

- 1 _____ technology is most closely associated with the 7.3 liter and 6.0 liter Power Stroke engines made by international engine and is used in light- and medium-duty trucks made by Ford.
- 2 A high-pressure oil pump that is electronically controlled by the engine control module can deliver oil to the injectors at up to 4,000 PSI. this oil is referred to as _____ pressure.
- 3 Highpressure oil pumps have a finite delivery volume and a _____ can lead to a decrease in volume to the injectors.
- 4 The biggest _____ of a HEUI system is the need for very clean engine oil, and an oil filter that meets original equipment manufacturer (oem) specifications.