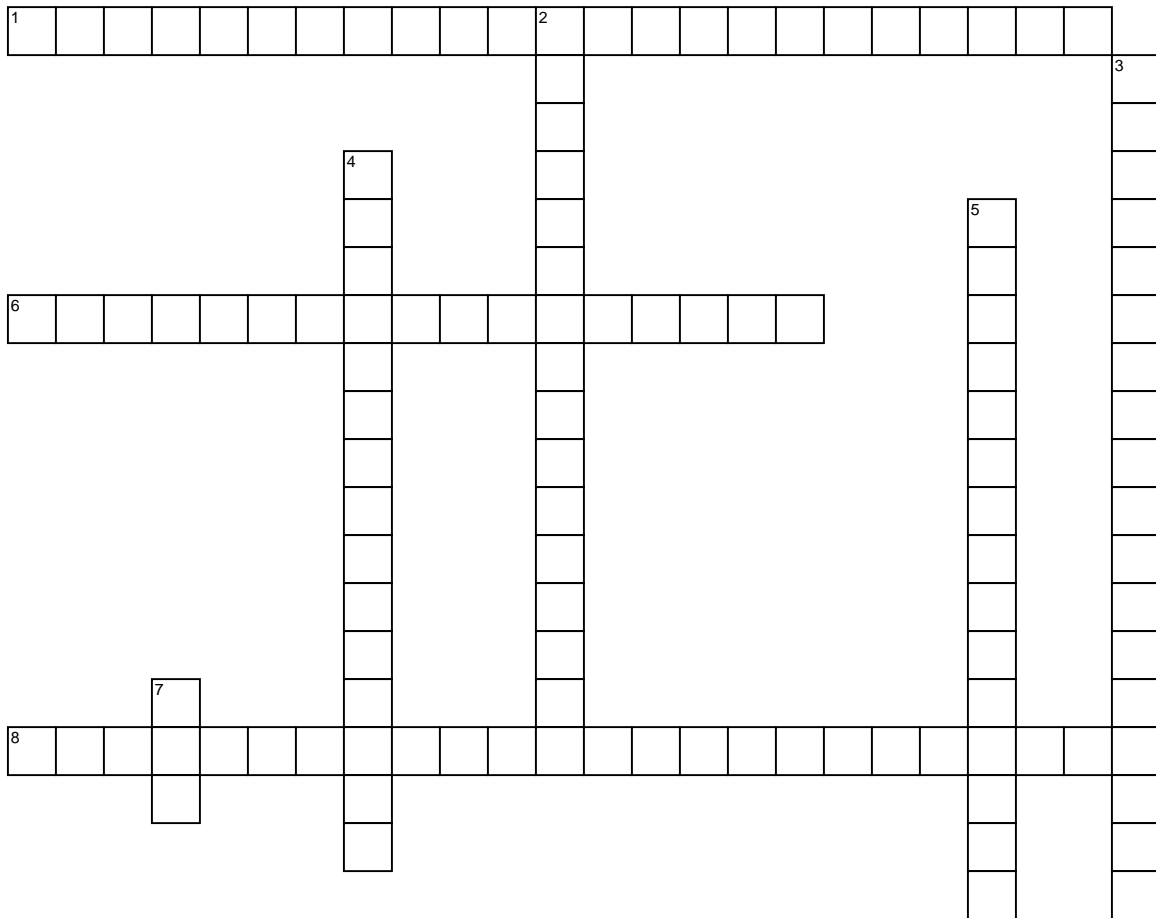


Chapter 6

Diesel Engine Condition Diagnosis



ACROSS

- 1 _____ is a test that uses the starter motor current to determine the compression values of all cylinders.
- 6 _____ is a battery electrical drain test that determines if any component or circuit in a vehicle is causing a drain on the battery when everything is off; also call an ignition off draw.
- 8 _____ is also called a power balance test, it is an automated test that a scan tool performs by turning a fuel injector off to one cylinder at a time and monitors the drop, or increase in engine speed.

DOWN

- 2 _____ is an automated test that a scan tool performs by turning a fuel injector off to one cylinder at a time and monitors the drop, or increase in engine speed; also called a cylinder contribution test.
- 3 _____ is a test that indicates low compression on one or more cylinders.
- 4 _____ is a battery electrical drain test that determines if any component or circuit in a vehicle is causing a drain on the battery when everything is off; also call a parasitic load test.
- 5 A _____ is a fundamental engine diagnostic test.
- 7 _____ is a lamp commonly labeled "check engine" or "service engine soon" that illuminates on the dash.