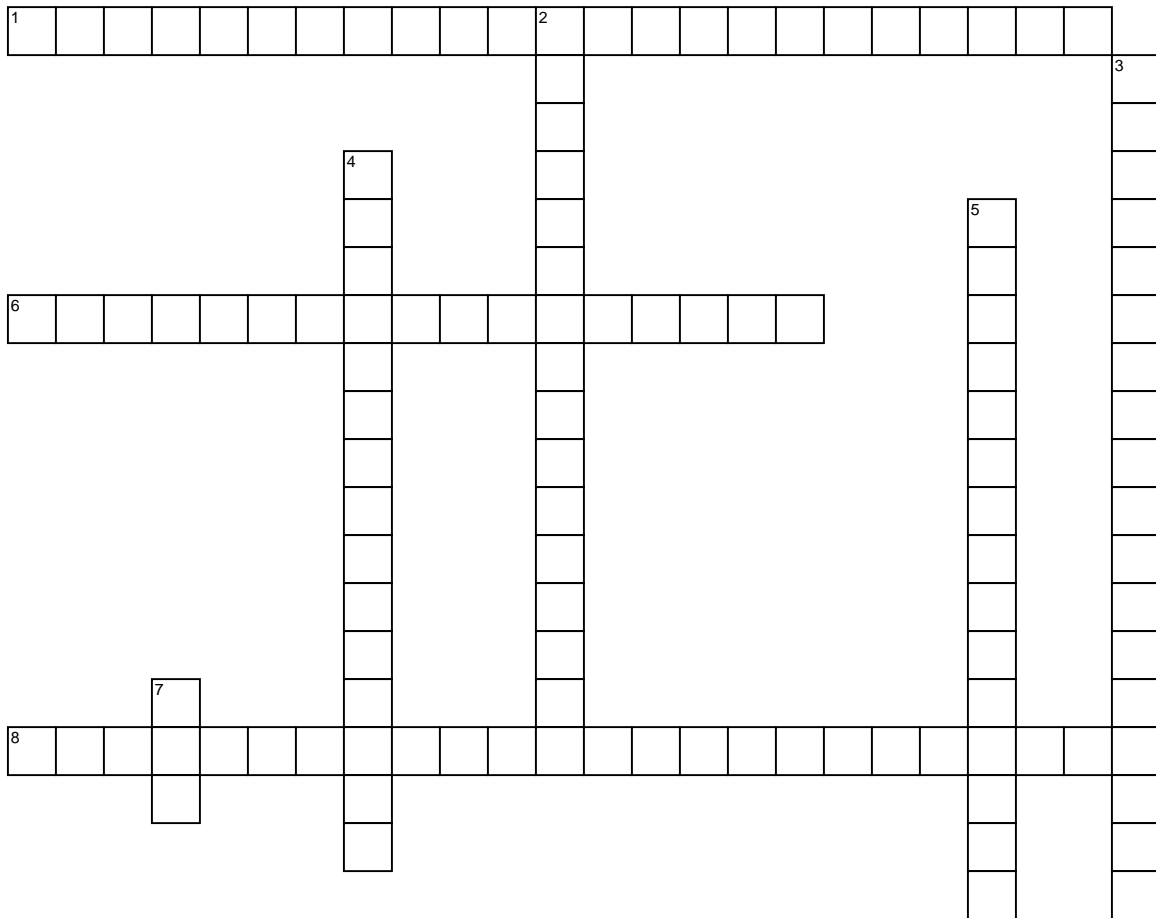


# Chapter 6

## 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.