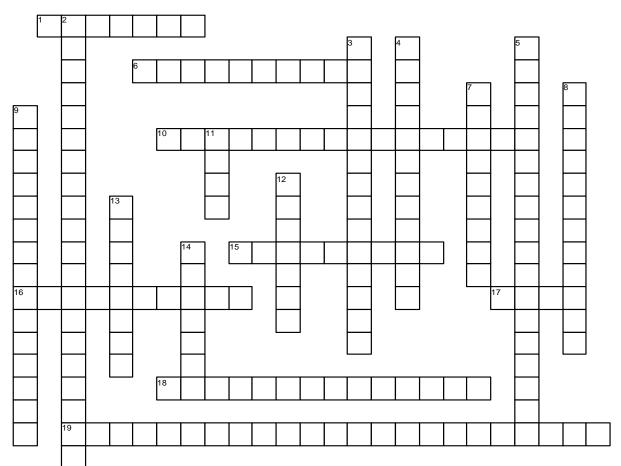
Vehicle Identification And Emission Ratings

Chapter 9



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ACROSS

- 1 Additional _____ standards have been optional since 2001, and were completely adopted in 2009.
- 6 Some of the strictest standards in the world are formulated by the ______ Air Resource Board.
- 10 ______ are usually located on powertrain control modules or other controllers.
- 15 The higher the tier number, the newer the regulation; the lower the _____, the cleaner the vehicle.
- 16 ______ drive means that the front wheels are being driven by the engine, as well as turned by the steering wheel.
- 17 The _____ label under the hood of the vehicle shows informative settings and emission hose routing information.
- 18 _____ means that the rear wheels are driven by the engine.
- 19 In the US, emissions standards are managed by the
 - _____agency as well as some US state governments.

DOWN

- 2 The fourth and/or fifth character of the vehicle ______ is commonly the model of the vehicle.
- 3 _____ can be used to check dimensions such as the cubic inch displacement and other information.
- 4 The tenth character of the VIN represents the _____
- 5 The vehicle safety certification label indicates the month and year of manufacture as well as the _____ manufacture as the ______ manufacture as the _____ manufacture as the ______ manufacture as the _____ manufacture as the _____ manufacture a
- 7 Typically a new _____ starts in September or October of the year prior to the actual new year, but not always.
- 8 ______vehicles do not have any tailpipe emissions.
- 9 The first number or letter of the VIN designates the _____
- 11 The _____ side of a vehicle is on the driver's side.
- **12** The first number in a VIN indicates the _____ the vehicle was built.
- 13 The seventh number in a VIN indicates the vehicle's _____
- 14 All vehicles sold in the US must meet _____ standards that went into effect in 1994 and are the least stringent.

