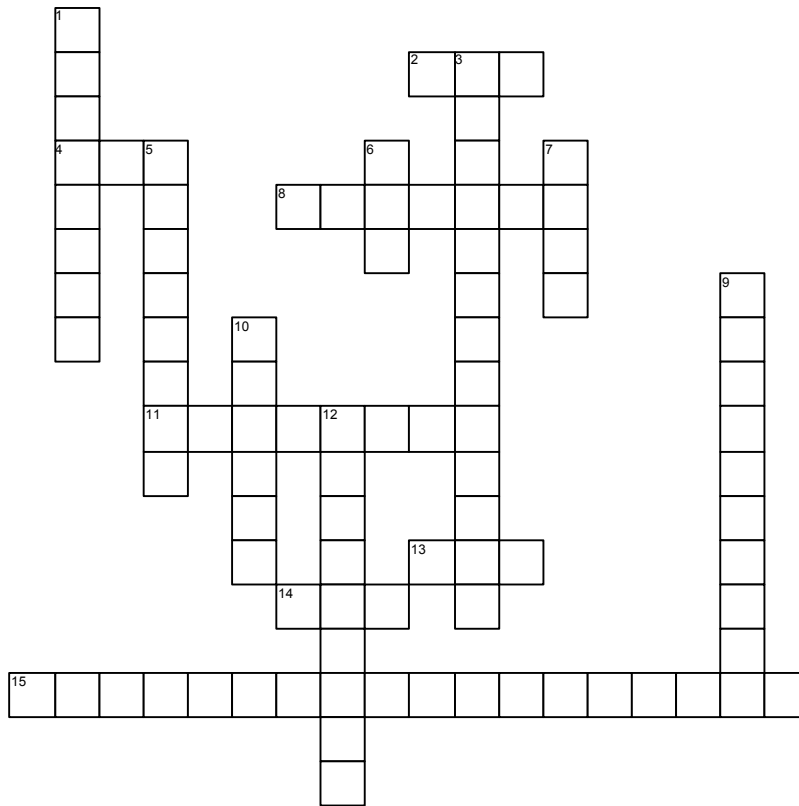


Emission Control Devices

Chapter 32



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ACROSS

- 2 ___ systems were developed to ventilate the crankcase and recirculate the vapors to the engine's induction system so they can be burned in the cylinders.
- 4 NOx reduction converters are also called ___.
- 8 One of the elements found in a catalytic convert is _____.
- 11 Another name for the SAI pump is a _____.
- 13 ___ is an emission control system that lowers the amount of NOx formed during combustion.
- 14 The ___ system provides the air necessary for the oxidizing process either at the exhaust manifold or inside the catalytic converter
- 15 A _____ is an after treatment device used to reduce exhaust emissions outside of the engine.

DOWN

- 1 One of the elements found in a catalytic convert is _____.
- 3 The _____ solenoid is normally closed and is pulsed open by the PCM during purging.
- 5 The catalytic converter uses a _____, which is a chemical that helps start a chemical reaction but does not enter into the chemical reaction.
- 6 Excessive ___ emissions are controlled by the EGR system and the catalytic converter.
- 7 The common term used to describe air pollution is _____, a word that combines two words: smoke and fog.
- 9 A _____ contains a spring-type metallic disc or reed that closes under exhaust backpressure.
- 10 _____ is the term used to describe when combustion gases are forced past the piston rings and into the crankcase.
- 12 One of the elements found in a catalytic convert is _____.