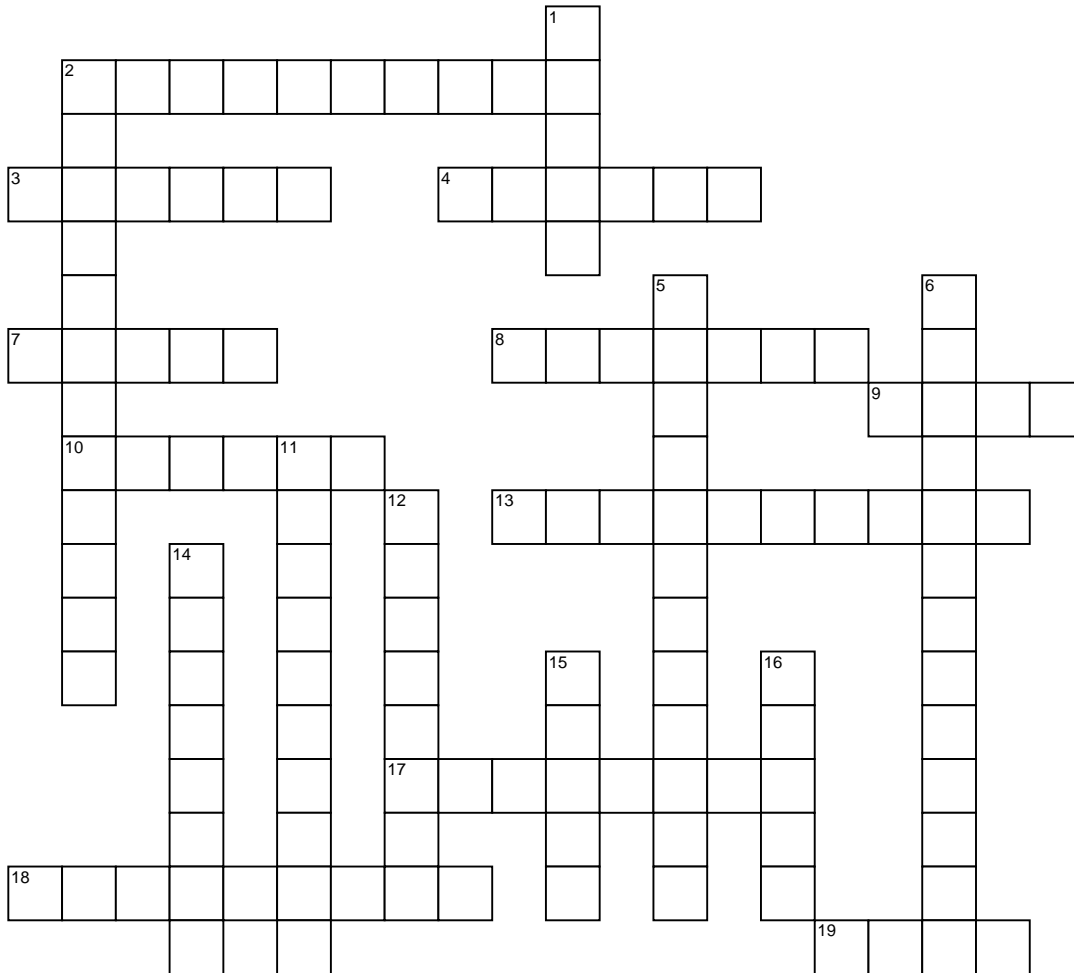


EGR Systems



Puzzle by Tony and Lara Martin. www.CrosswordWeaver.com

ACROSS

- 2 Uncontrolled combustion
- 3 A type of EGR system that uses a stepper motor
- 4 The two types of this are ported and manifold
- 7 EVP: EGR _____ Position sensor
- 8 EGR: _____ Gas Recirculation
- 9 Diagnostic Trouble _____
- 10 The EGR system interconnects the exhaust system with the _____
- 13 An important step in diagnosis is a thorough visual _____
- 17 MAP: Manifold _____ Pressure
- 18 NOx formation _____ when combustion temperatures exceed 2500 degrees F
- 19 EGR is not required when the engine is _____

DOWN

- 1 This can increase if the EGR system becomes inoperative
- 2 Engine performance
- 5 Some EGR valves require exhaust _____ to operate
- 6 NOx reacts with HC in the presence of sunlight to form _____ smog
- 11 kPa is the abbreviation for this unit of pressure
- 12 Manifold vacuum should _____ when the EGR valve opens
- 14 OBD II requires functional system tests called _____
- 15 Molecule with three oxygen atoms joined together
- 16 Chemically inactive