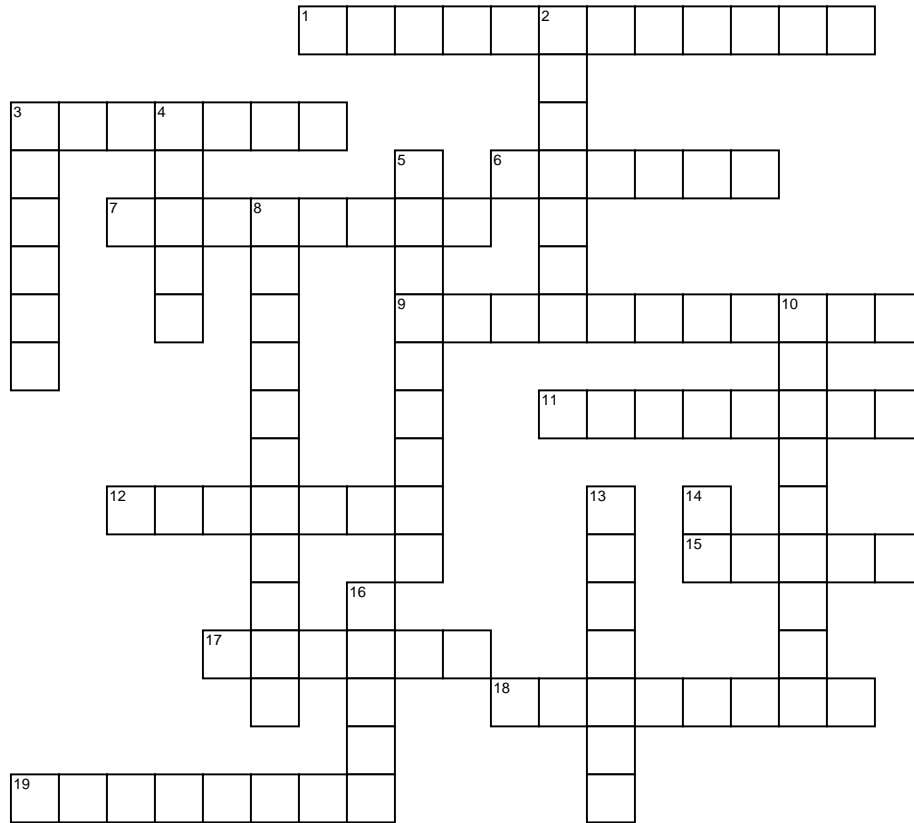


PCV and AIR Systems



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

ACROSS

- 1 Intake manifold vacuum goes high during vehicle _____
- 3 A _____ PCV system can cause oil leaks
- 6 _____ dioxide
- 7 AIR: Air Injection _____
- 9 Positive Crankcase _____
- 11 A type of valve used to direct flow from the air pump
- 12 A PCV valve can also be a calibrated _____
- 15 PCV valves are often located in the valve _____
- 17 The PCV system will apply a slight _____ to the crankcase
- 18 TWC: Three way _____
- 19 The PCV valve will close when this happens

DOWN

- 2 Air pump output is directed to the _____ manifold when the engine is cold
- 3 Combustion gases leaking past the rings
- 4 A type of valve that only allows flow in one direction
- 5 Catalytic _____
- 8 Type of air filter used on belt-driven air pumps
- 10 PCV valves should be replaced according to recommended _____
- 13 Tests performed on the PCV system by the PCM
- 14 AIR systems are designed to reduce _____ and CO emissions
- 16 One type of air pump is known as a _____-air driven pump