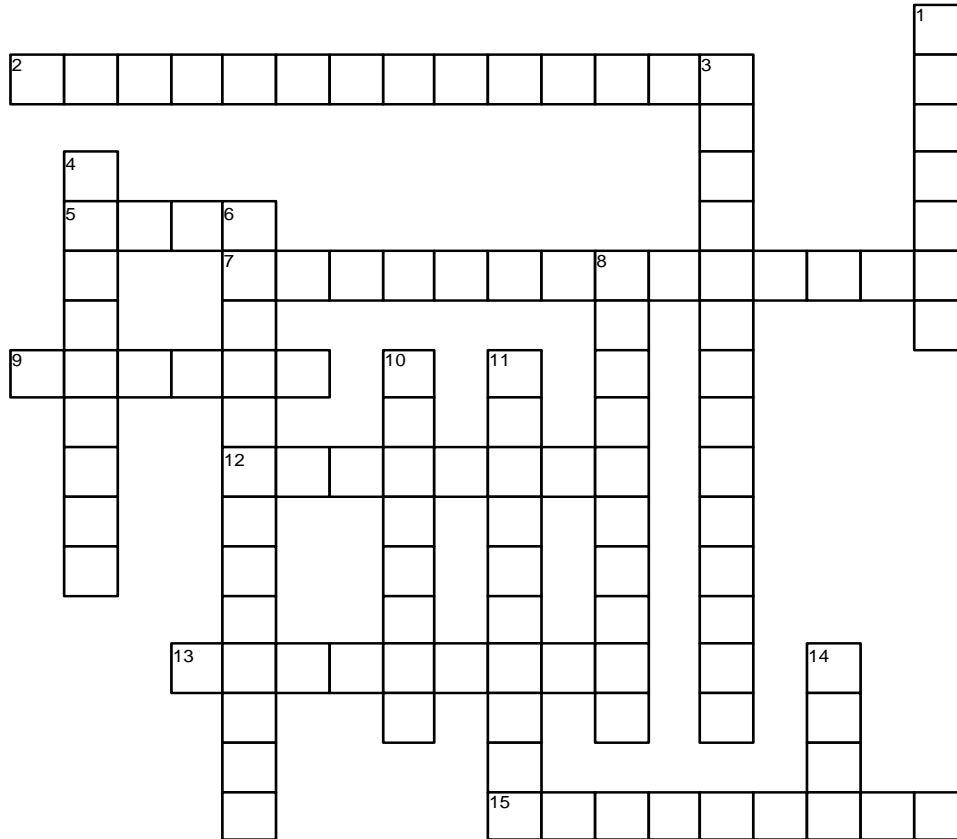


# Drivetrain Electricity and Electronics

## Chapter 14



<http://jameshalderman.com>

### ACROSS

- 2 \_\_\_\_\_ can be either an insulator or a conductor in different design applications
- 5 Resistance to the flow of current through a conductor is measured in units called \_\_\_\_\_.
- 7 \_\_\_\_\_ can be caused by corroded connections or sockets.
- 9 The \_\_\_\_\_ is the unit used throughout the world to measure current flow.
- 12 A \_\_\_\_\_ is a metal fastener attached to the end of a wire, which makes the electrical connection.
- 13 The term \_\_\_\_\_ usually refers to the plastic portion that snaps or connects together, thereby making the mechanical connection.
- 15 A wiring \_\_\_\_\_ shows electrical components and wiring using symbols and lines to represent components and wires.

### DOWN

- 1 An \_\_\_\_\_ measures the flow of current through a complete circuit in units of amperes or milliamperes.
- 3 A \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ occurs when the power side of one circuit is electrically connected to the power side of another circuit.
- 4 A \_\_\_\_\_ measures the pressure or potential of electricity in units of volts.
- 6 A \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ is a type of short circuit that occurs when the current bypasses part of the normal circuit and flows directly to ground.
- 8 \_\_\_\_\_ are materials with more than four electrons in their atom's outer orbit.
- 10 An \_\_\_\_\_ measures the resistance in ohms of a component or circuit section when no current is flowing through the circuit.
- 11 \_\_\_\_\_ are materials with fewer than four electrons in their atom's outer orbit.
- 14 The \_\_\_\_\_ is the unit of measurement for electrical pressure.