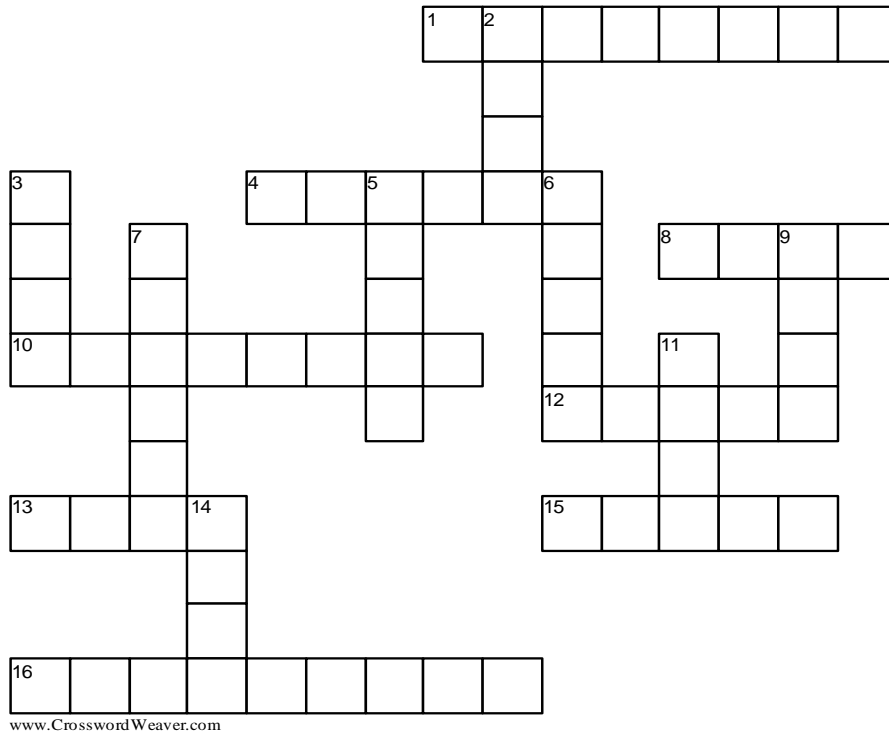


Automotive Electrical and Engine Performance 9th Edition

Chapter 8 - Wiring Schematics and Circuit Testing



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ACROSS

- 1 _____ Closed (N.C.): A switch or relay contact that remains closed (conducts current) when in its default state.
- 4 _____ schematic: A diagram showing the layout of electrical circuits and components using standardized symbols and connections.
- 8 A switch with one input and two output terminals, allowing switching between two circuits.
- 10 A metal fastener used to connect wires to other components, ensuring electrical continuity.
- 12 _____ circuit: An unintended connection between two points in a circuit, causing excessive current flow.
- 13 A simple switch with one input and one output terminal, used to turn a circuit on or off.
- 15 The number of circuits a switch can control, with each pole acting as a separate circuit.
- 16 _____ switch: A switch that returns to its default position when released, used for temporary operations like horn buttons.

DOWN

- 2 (Normally _____ (N.O.): A switch or relay contact that remains open (does not conduct current) when in its default state.
- 3 A switch with two input terminals and four output terminals, allowing two circuits to switch between two states.
- 5 An electrically operated switch that uses a low-power control signal to operate a higher-power circuit.
- 6 _____ gauge: A device used to measure the strength of a magnetic field.
- 7 The number of positions or states a switch can achieve, such as on/off or multiple positions.
- 9 A switch with two input terminals that control two separate circuits, toggling them on or off simultaneously.
- 11 A wound conductor used in relays and solenoids to create a magnetic field when current flows through it.
- 14 _____ generator tester: A device that emits a signal used to trace wires and identify connections.