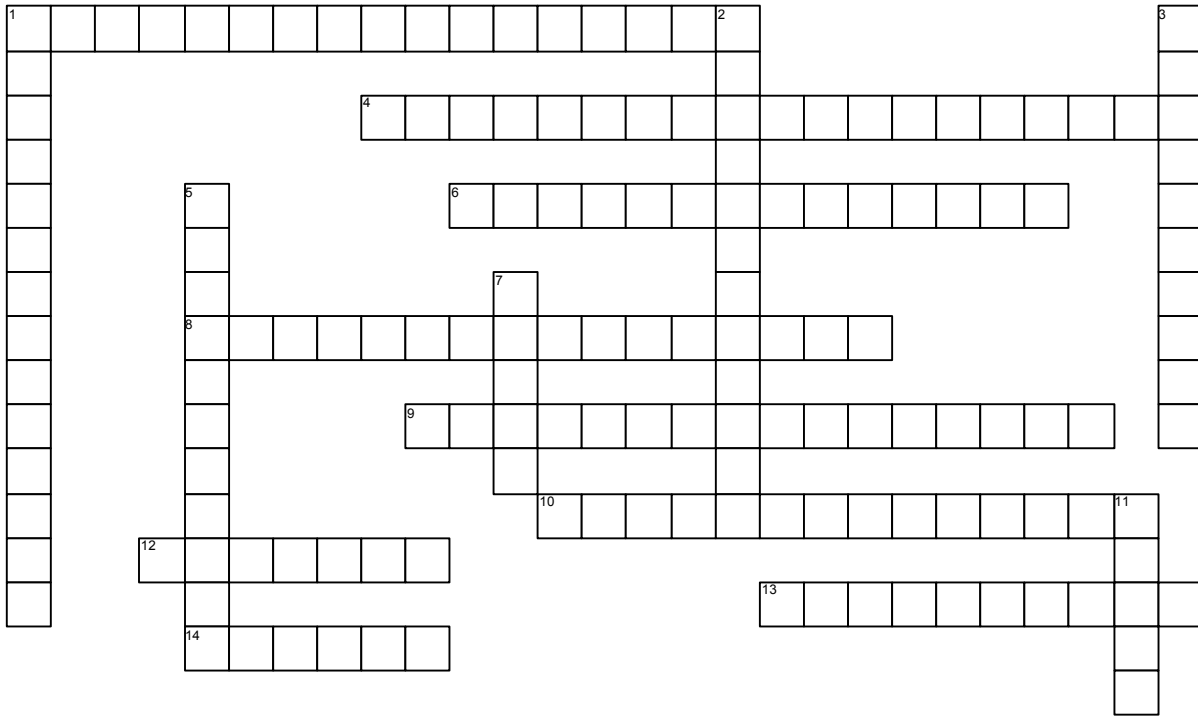


Horn, Wiper, And Blower Motor Circuits

Chapter 18



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ACROSS

- 1 A momentary contact switch, which is often part of a steering column-mounted _____ assembly, energizes the washer pump.
- 4 The _____ use an electronic circuit with a variable resistor that controls the time of the charge and discharge of a capacitor.
- 6 A typical combination wiper and washer system includes a _____.
- 8 The _____ is where one speed of a special two-speed electric motor is achieved for windshield wiper motors.
- 9 _____ are used to keep the viewing area of the windshield clear of rain.
- 10 _____ systems use a sensor located at the top of the windshield on the inside to detect rain droplets.
- 12 The _____ has an additional linkage arm to provide depressed parking for hidden wipers.
- 13 The _____ is where one speed of a special two-speed electric motor is achieved for windshield wiper motors.
- 14 Without a horn relay, the high current of the horns must flow through the steering wheel horn _____.

DOWN

- 1 The first step in _____ is to make sure the fuse or fusible link is good before attempting to troubleshoot the circuit.
- 2 Depressed wipers is another name for _____.
- 3 Most vehicles use a positive-displacement or centrifugal-type _____ located in the washer reservoir.
- 5 Another name for variable-delay wipers is _____.
- 7 _____ are electric devices that emit a loud sound used to alert other drivers or persons in the area.
- 11 Most vehicles use a horn _____ to control the horn circuit.