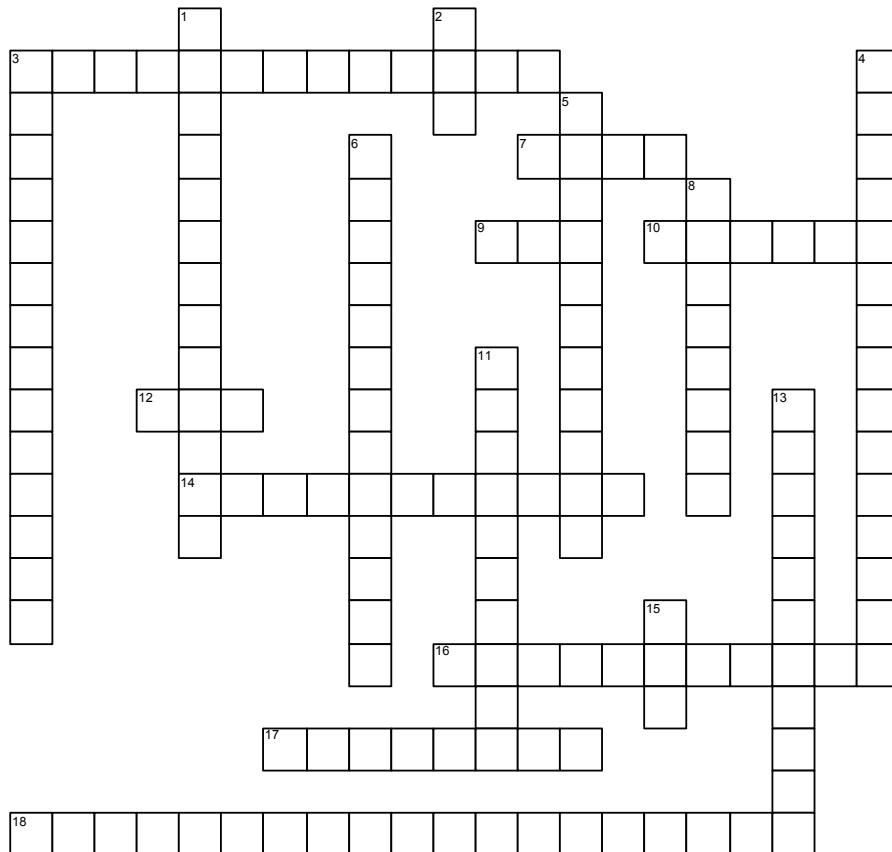


Lighting And Signaling Circuits

Chapter 32



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ACROSS

- 3 The _____ flasher is a device installed in a vehicle lighting system with the primary function of causing both the left and right turn signal lamps to flash when the hazard warning switch activated.
- 7 _____ primarily use a control module that turns on either the low or high-beam headlights or separate daytime running lights.
- 9 _____ brake lights are frequently used for high-mounted stop lamps.
- 10 _____ temperature is Celsius temperature plus 273 degrees.
- 12 A system that mechanically moves the headlights to follow the direction of the front wheels is called _____.
- 14 The trade number also identifies the size, shape, number of filaments, and amount of light produced, measured in _____.
- 16 _____ is the transmission of

light through special plastic that keeps the light rays parallel even if the plastic is tied in a knot.

- 17 Another name for a variable resistor is a _____.
- 18 _____ are constructed using a replaceable bulb and a fixed lens cover that is part of the vehicle.

DOWN

- 1 The _____ is a visual effect where an image remains on the retina of the eye for a short time after the image has been removed.
- 2 _____ headlights produce a distinctive blue-white light that is crisper, cleaner, and brighter than light produced by a halogen headlight.
- 3 The _____ have an electronic flasher control circuit to operate the internal electromechanical relay.

4 Another name for HID headlights are _____.

- 5 The number used on automotive bulbs is called the bulb _____, as recorded with the ANSI.
- 6 _____ is a generic term primarily used for interior lights.
- 8 When current that lacks a good ground goes backward along the power side of the circuit in search of a return path to the battery, this reverse flow is called _____.
- 11 The _____ is usually not noticeable unless one headlight arc tube assembly has been replaced due to a collision repair, and then the difference in color may be noticeable.
- 13 _____, also called stop lights, use the high-intensity filament of a double-filament bulb.
- 15 The US _____ regulation requires that the driver be alerted when a turn signal bulb is not working.