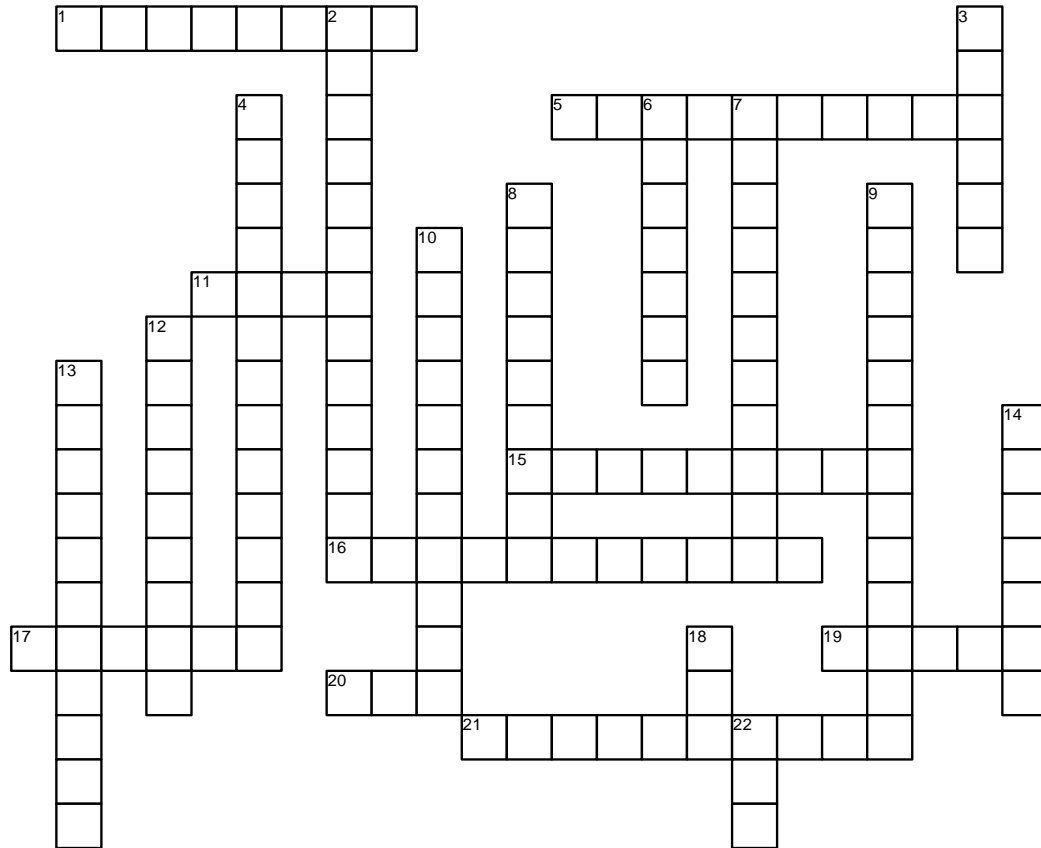


Lighting And Signaling Circuits

Chapter 24



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ACROSS

- 1 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 _____.
- 5 ____-____ flashers come in many different types and construction.
- 11 ____ primarily use a control module that turns on either the low or high-beam headlights or separate daytime running lights.
- 15 An _____ light illuminates on the dash when the high beams are selected.
- 16 The number used on automotive bulbs is called the bulb _____, as recorded with the ANSI.
- 17 According to U.S. federal law, all headlights, regardless of shape, must be able to be aimed using headlight-_____ equipment.
- 19 Another name for HID headlights are _____ headlights.
- 20 ____ brake lights are frequently used for high-mounted stop lamps.
- 21 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.

DOWN

- 2 _____ is a generic term primarily used for interior lights.
- 3 _____ temperature is Celsius temperature plus 273 degrees.
- 4 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.
- 6 Some vehicles, usually European vehicles, are equipped with ____ (red) ____ lights. These are used so that drivers behind can see the vehicle in front.
- 7 In the third stage of HID headlights operation, the ____-____ phase begins when the power requirements of the bulb drops to 35 watts.
- 8 _____ headlights are constructed using a replaceable bulb and a fixed

lens cover that is part of the vehicle.

- 9 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.
- 10 Some vehicles are equipped with _____ entry, meaning the interior lights are turned on for a given amount of time when the outside door handle or RKE fob is operated while the doors are locked.
- 12 _____ headlights automatically turn on the headlights when the light sensor detects low ambient light level.
- 13 _____, also called stop lights, use the high-intensity filament of a double-filament bulb.
- 14 _____ lights have a narrow, straight beam, and are used while off-roading or traversing dark, deserted country roads.
- 18 A system that mechanically moves the headlights to follow the direction of the front wheels is called ____.
- 22 ____ headlights produce a distinctive blue-white light that is crisper, cleaner, and brighter than light produced by a halogen headlight.