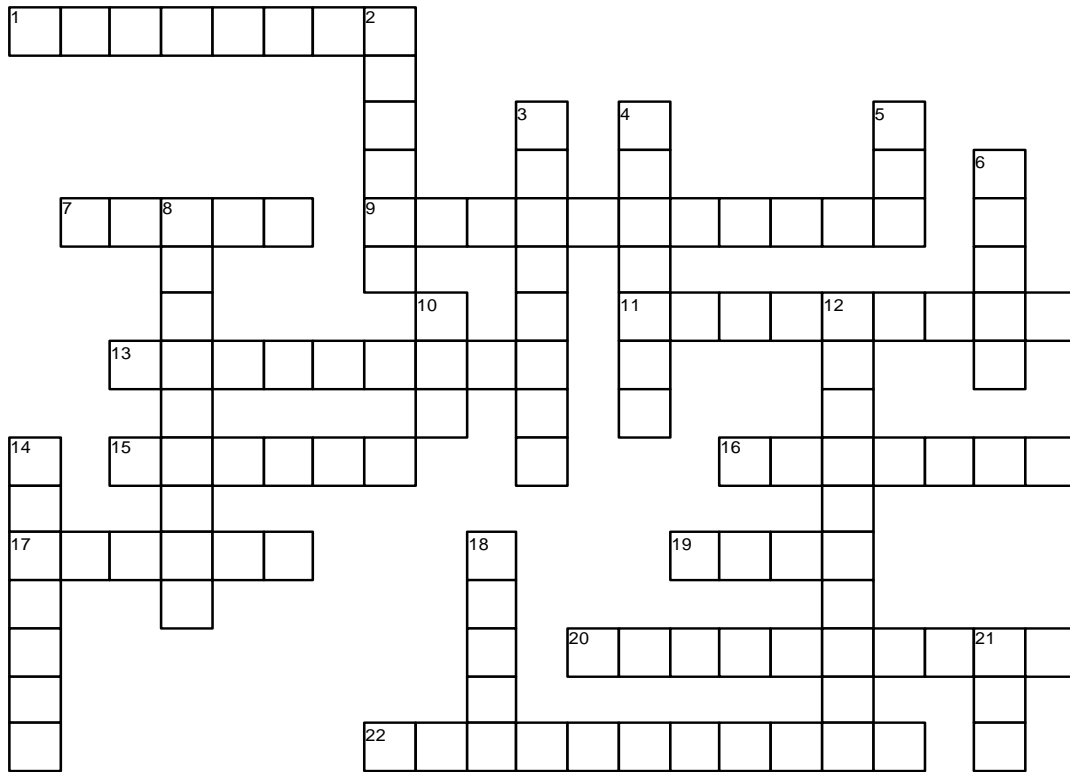


Lighting And Signaling Circuits

Chapter 53



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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 _____.
- 7 _____ lights, also called stop lights, use the high-intensity filament of a double-filament bulb.
- 9 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.
- 11 An _____ light illuminates on the dash when the high beams are selected.
- 13 _____ headlights are constructed using a replaceable bulb and a fixed lens cover that is part of the vehicle.
- 15 The _____ warning 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.
- 16 The _____ effect is a visual effect where an image remains on the retina of the eye for a short time after the image has been removed.
- 17 According to U.S. federal law, all headlights, regardless of shape, must be able to be aimed using headlight-_____ equipment.
- 19 _____ primarily use a control module that turns on either the low or high-beam headlights or separate daytime running lights.
- 20 _____ flashers come in many different types and construction.
- 22 In the third stage of HID headlights operation , the _____

_____ phase begins when the power requirements of the bulb drops to 35 watts.

DOWN

- 2 _____ temperature is Celsius temperature plus 273 degrees.
- 3 _____ light is a generic term primarily used for interior lights.
- 4 _____ lights have a narrow, straight beam, and are used while off-roading or traversing dark, deserted country roads.
- 5 _____ brake lights are frequently used for high-mounted stop lamps.
- 6 Another name for HID headlights are _____ headlights.
- 8 _____ headlights automatically turn on the headlights when the light sensor detects low ambient light level.
- 10 _____ headlights produce a distinctive blue-white light that is crisper, cleaner, and brighter than light produced by a halogen headlight.
- 12 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.
- 14 Some vehicles, usually European vehicles, are equipped with _____ (red) _____ lights. These are used so that drivers behind can see the vehicle in front.
- 18 The number used on automotive bulbs is called the bulb _____ number, as recorded with the ANSI.
- 21 A system that mechanically moves the headlights to follow the direction of the front wheels is called _____.