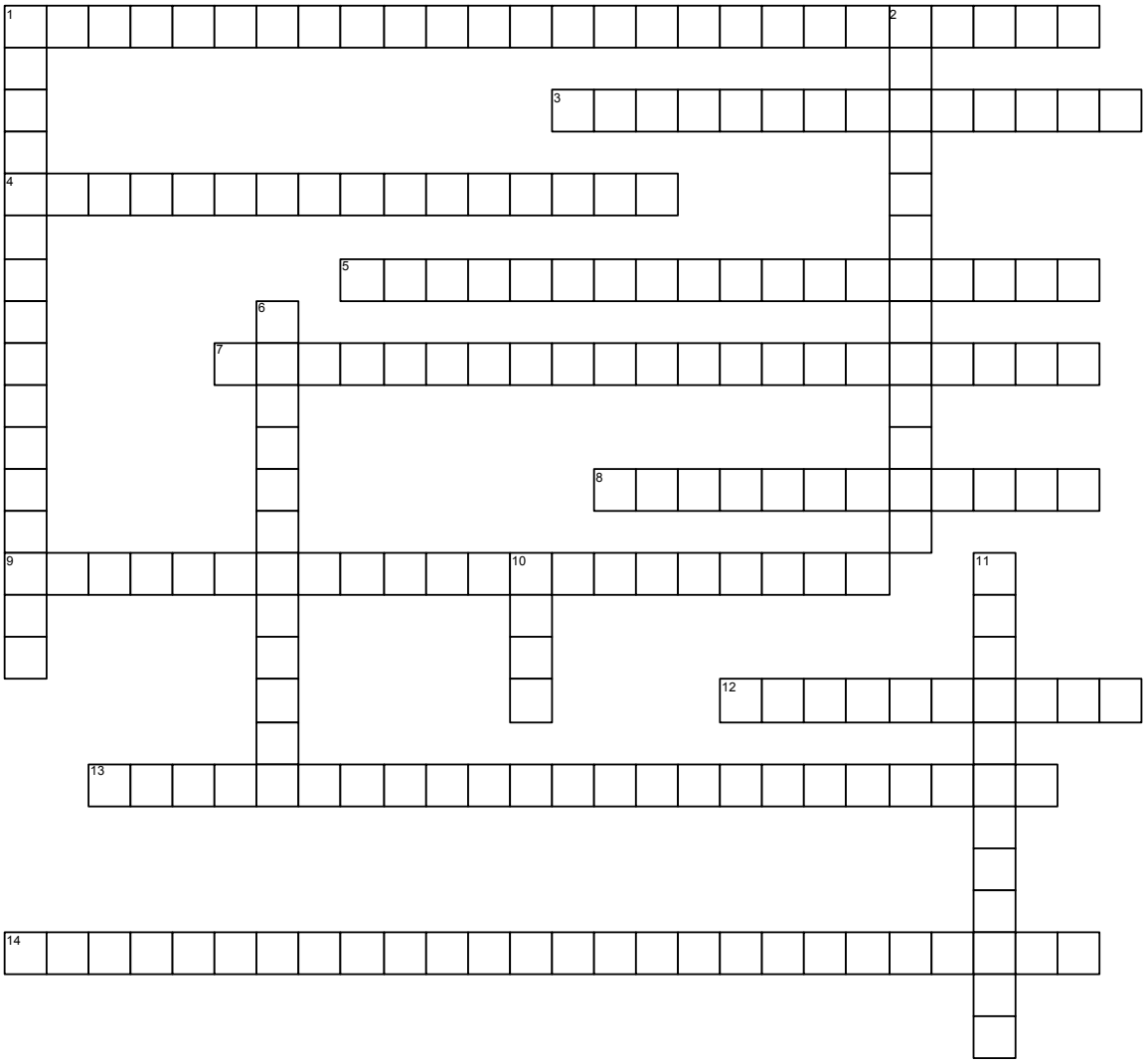
Driver Information And Navigation Systems

Chapter 57



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ACROSS

1 Cold _____ _____ _____ models are used by many vehicle manufacturers for backlighting.

3 A _____ _____ dash display, which is similar to a television tube or LCD display, permits the display of hundreds of controls and diagnostic messages in one convenient location

4 Electronic _____ _____ use the voltage changes from variable-resistance sensors, such as that of the fuel gauge, to determine fuel level.

5 All diodes emit some form of energy during operation; the _____ _____ _____ is a semiconductor that is constructed to release energy in the form of light.

7 The _____ _____ _____ display is a popular automotive and household appliance display because it is very bright and can easily be viewed in strong sunlight.

8 Speed sensors are commonly called _____.

9 _____ _____ _____ can be arranged into a variety of forms, letters, numbers, and bar graph displays.

12 When a vehicle equipped with a digital dash is started, all segments of the electronic display are turned on at full brilliance for 1 or 2 seconds, this is commonly called the _____.

13 The _____ _____ uses 24 satellites in orbit around the earth to provide signals for navigation devices.

14 The switch that operates the warning lamp is called a _____ _____.

DOWN

1 The pressure differential switch is usually the center portion of a multipurpose brake part called a _____.

2 The ____-_____ is a supplemental display that projects the vehicle speed and sometimes other data, such as turn signal information, onto the windshield.

6 A _____ is used to display the area at the rear of the vehicle in a screen display on the dash when the gear selector is placed in reverse.

10 The ____ uses cameras to detect if the vehicle is crossing over lane marking lines on the pavement.

11 A _____ is a type of electric motor that is designed to rotate in small steps based on the signal from a computer.