Driver Information And Navigation Systems
Chapter 57

ACROSS
1 Cold _______ ___________ ________ models are used by many vehicle manufacturers for back lighting.
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.