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.

10. 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 ________.

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

12. 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.