Electronic Stability Control Systems
Chapter 108

ACROSS

2 The standardized test used to determine if an electronic stability control system functions normally is called the ______.

4 The ______ provides information to the suspension control module and the EBCM.

5 The name of GM's stability control system is _________.

7 Some, but not all, vehicle manufacturers install an ______ to temporarily disable or limit the ESC functions.

8 The function of the ______ is to provide the suspension control module with feedback regarding vehicle cornering forces.

9 The VS sensor is used by the ______ to help control the suspension system.

10 When tires lose traction during acceleration, it is called _________.

11 The ______ is a magnetic sensor and generates an analog signal whose frequency increases as the speed increases.

12 Another name for the steering wheel position sensor is the _________.

13 The function of the ______ is to provide the computer with signals related to steering wheel position, speed and direction.

15 The ESC lamp, called a ________, is required to remain on for as long as a malfunction exists, whenever the ignition is in the “On” position.

DOWN

1 ________ is when the front of the vehicle tends to continue straight ahead when turning, a condition that is also called plowing or tight.

3 ________ is when the rear of the vehicle tends to move outward or break loose, resulting in the vehicle spinning out of control.

6 ________ can be separate or used as part of the electronic stability control system.

14 ________ is a system designed to help drivers maintain control of their vehicles in situations where the vehicle is beginning to lose control.