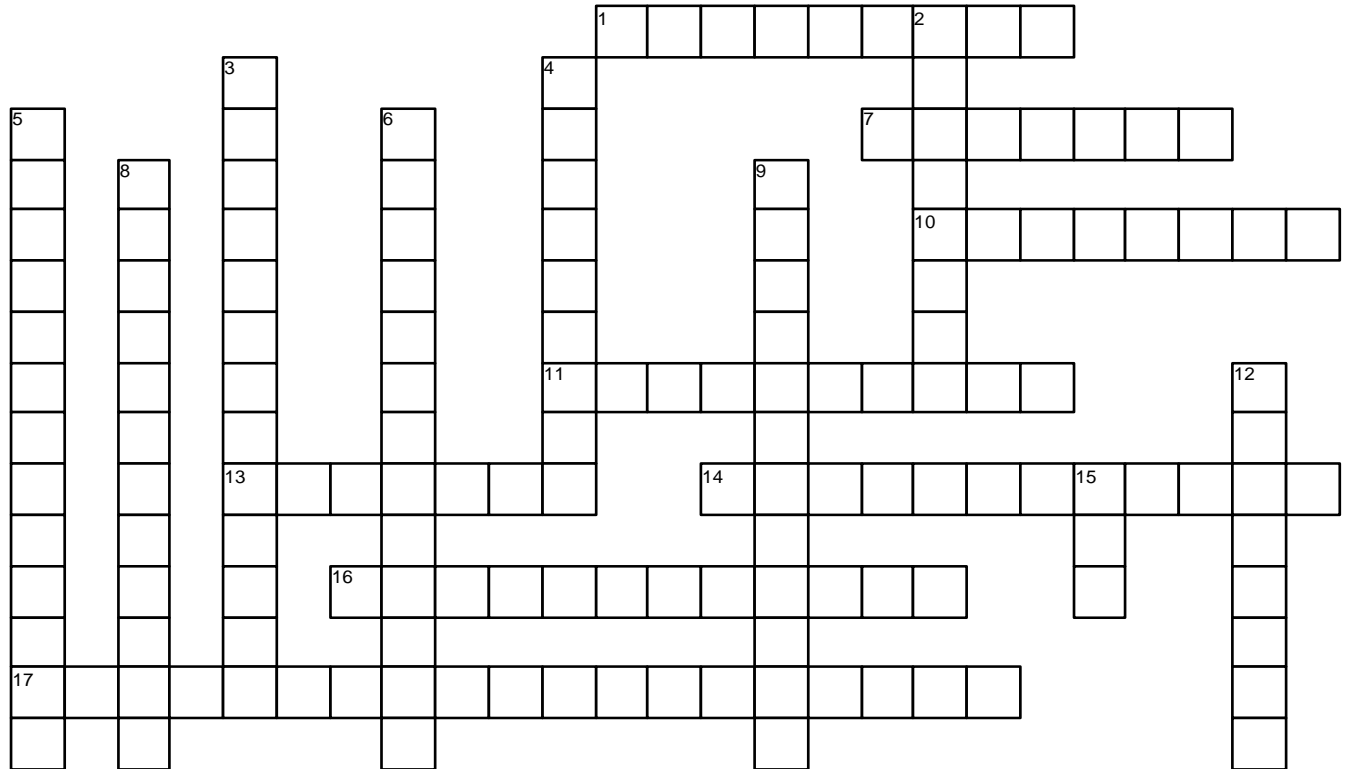


Electronic Stability Control Systems

Chapter 107



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ACROSS

- 1 Some, but not all, vehicle manufacturers install an _____ to temporarily disable or limit the ESC functions.
- 7 The _____ sensor provides information to the suspension control module and the EBCM.
- 10 The _____ position (TP) sensor indicates the position of the throttle, which is the driver command for power.
- 11 The VS sensor is used by the _____ brake control module to help control the suspension system.
- 13 The function of the _____ acceleration sensor is to provide the suspension control module with feedback regarding vehicle cornering forces.
- 14 _____ is when the rear of the vehicle tends to move outward or break loose, resulting in the vehicle spinning out of control.
- 16 A _____ range switch determines which gear the driver has selected so that the PCM can take corrective action.
- 17 The stability control system offered for Jeep is named the _____ Program (ESP).

DOWN

- 2 _____ control can be separate or used as part of the electronic stability control system.
- 3 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.
- 4 Another name for the steering wheel position sensor is the _____-_____ position sensor.
- 5 The function of the _____ position sensor is to provide the computer with signals related to steering wheel position, speed and direction.
- 6 _____ is when the front of the vehicle tends to continue straight ahead when turning, a condition that is also called plowing or tight.
- 8 The _____ sensor is a magnetic sensor and generates an analog signal whose frequency increases as the speed increases.
- 9 When tires lose traction during acceleration, it is called _____.
- 12 The standardized test used to determine if an electronic stability control system functions normally is called the _____ dwell test.
- 15 _____ is a system designed to help drivers maintain control of their vehicles in situations where the vehicle is beginning to lose control.