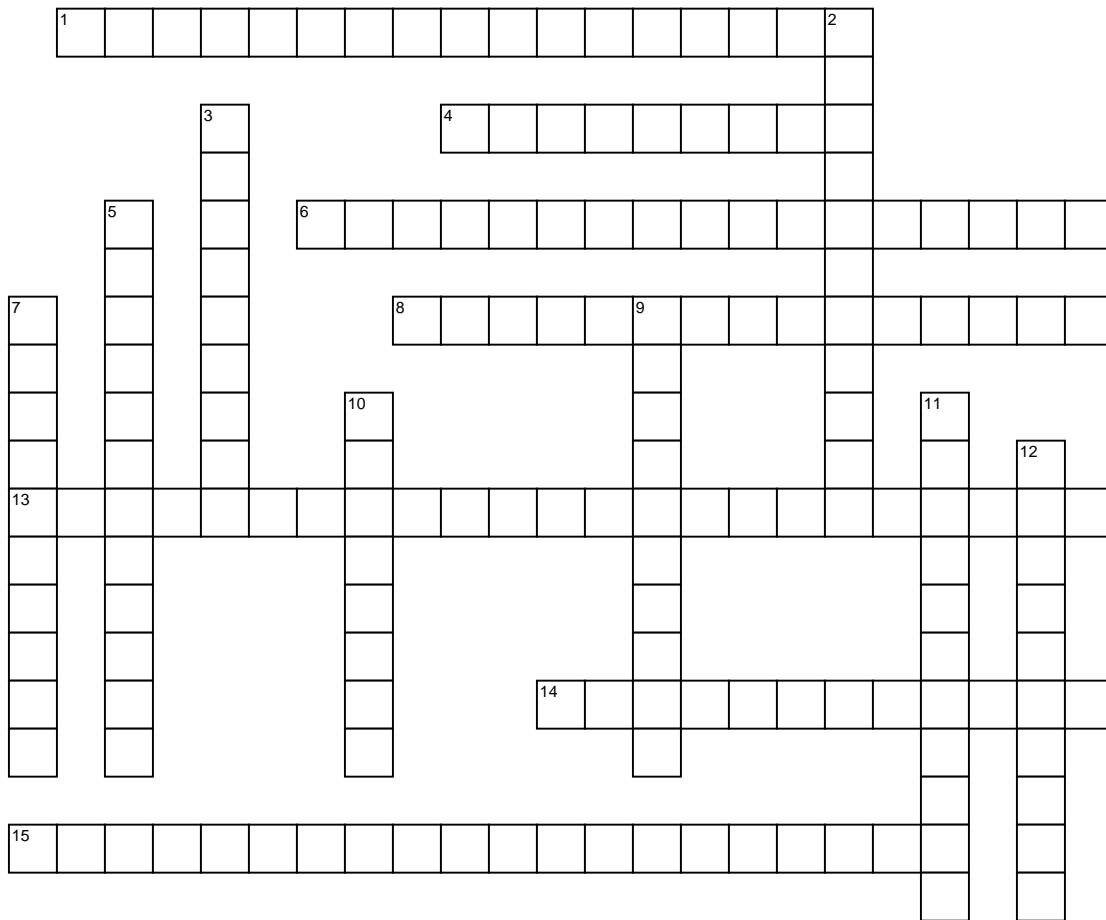


Continuously Variable Transmissions

Chapter 13



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ACROSS

- 1 The stepper motor, also called a _____, is a linear position motor that changes the position of the upper end of the pulley ratio link.
- 4 A _____ is made up of links and link pins, much like a silent chain. The ends of the link pins contact the pulley sides.
- 6 A _____ sensor (SPS) is a pressure transducer to monitor secondary pulley pressure. The pressure measured is called the secondary oil pressure (SOP).
- 8 A _____ sensor (PPS) is a pressure transducer to monitor primary pulley pressure. The pressure measured is called the primary oil pressure (POP).
- 13 A _____ sensor (TTS) is a negative temperature coefficient (NTC) thermistor used to measure the temperature of the transaxle.
- 14 A _____ solenoid (LPS) controls the line pressure to the transmission hydraulic system.
- 15 A _____ transmission (CVT) is usually found on some front-wheel-drive vehicles that use a transaxle.

DOWN

- 2 A transmission _____ is a multi-contact switch operated by the manual shift lever.
- 3 Instead of using three or more gears, a continuously variable transmission uses two variable-width pulleys, sometimes called _____, to change the gear ratio.
- 5 a Secondary pressure sensor (SPS) is a pressure transducer to monitor secondary pulley pressure. The pressure measured is called the _____ pressure (SOP).
- 7 An _____ sensor (ISS) can be a magnetic or a Hall-effect sensor.
- 9 The _____ effect is most noticeable during periods of rapid acceleration.
- 10 A _____ is made up of about 400 wedge-shaped segments that are held together by two steel bands.
- 11 An _____ sensor (OSS) can be a magnetic or a Hall-effect sensor.
- 12 Primary pressure sensor (PPS). A pressure transducer to monitor primary pulley pressure. The pressure measured is called the _____ pressure (POP).