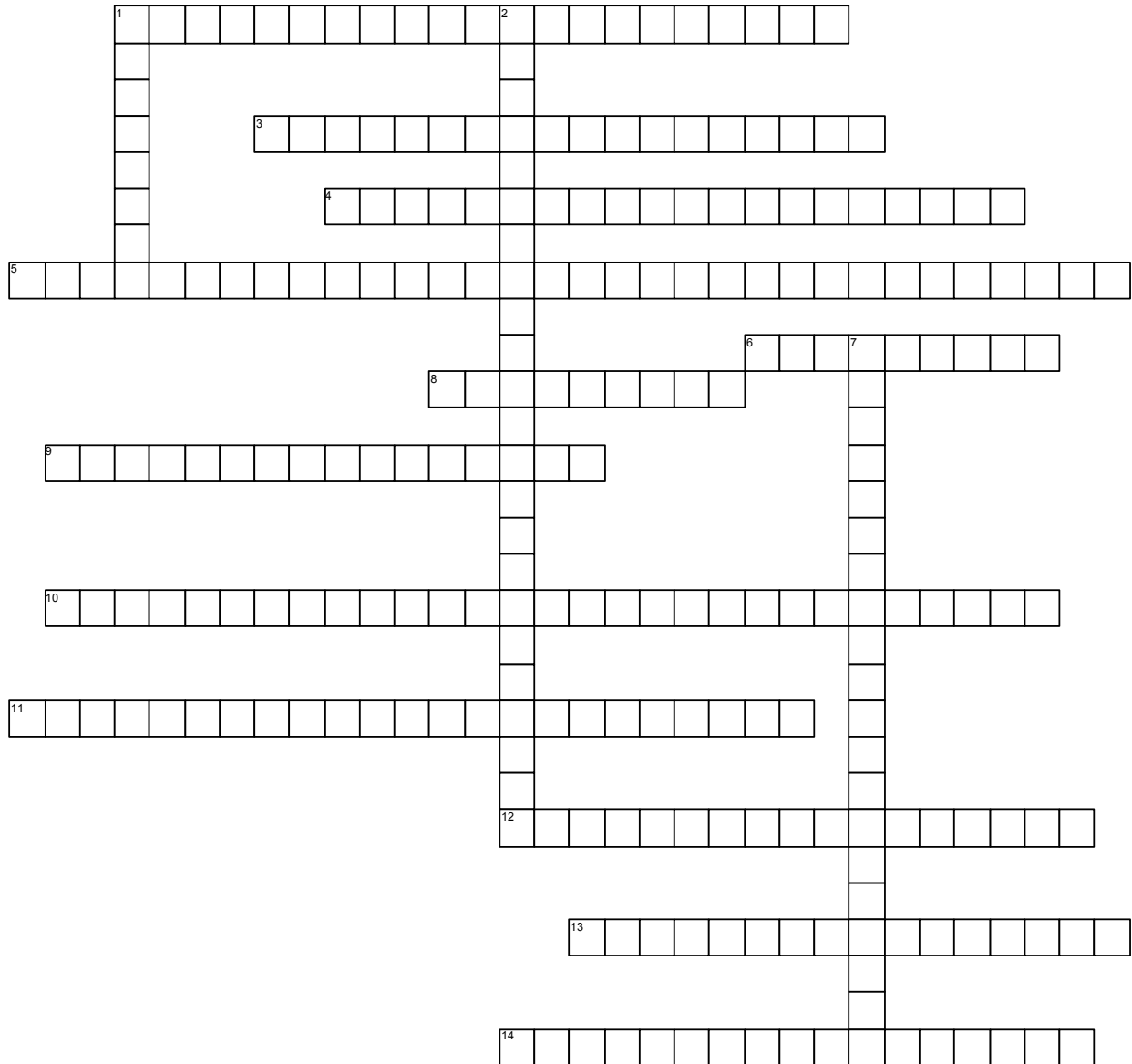


# Continuously Variable Transmissions

## Chapter 11



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### ACROSS

- 1 A \_\_\_\_\_ is a pressure transducer to monitor primary pulley pressure.
- 3 The PPS measures \_\_\_\_\_.
- 4 The SPS measures \_\_\_\_\_.
- 5 A \_\_\_\_\_ varies the gear ratio in a continuous manner instead of a series of steps or fixed gear ratios.
- 6 \_\_\_\_\_ is made up of links and link pins, much like a silent chain.
- 8 Instead of using three or more

gears, a CVT uses two variable-width pulleys, sometimes called \_\_\_\_\_, to change the gear ratio.

- 9 An \_\_\_\_\_ can be a magnetic or a Hall-effect sensor.
- 10 A \_\_\_\_\_ is a negative temperature coefficient thermistor used to measure the temperature of the transaxle.
- 11 A \_\_\_\_\_ is a multi-contact switch operated by the manual shift lever.
- 12 The \_\_\_\_\_ is a linear position motor that changes

the position of the upper end of the pulley ratio link.

- 13 When the vehicle speed slowly catches up to the engine speed, this effect is often referred to as the \_\_\_\_\_ and is most noticeable only during periods of rapid acceleration.
- 14 An \_\_\_\_\_ fault could set a either P0721 or a P07122 DTC.

### DOWN

- 1 \_\_\_\_\_ is made up of about 400 wedge-shaped segments that are

held together by two steel bands.

- 2 The \_\_\_\_\_ is a pressure transducer to monitor secondary pulley pressure.
- 7 The \_\_\_\_\_ controls the line pressure to the transmission hydraulic system.