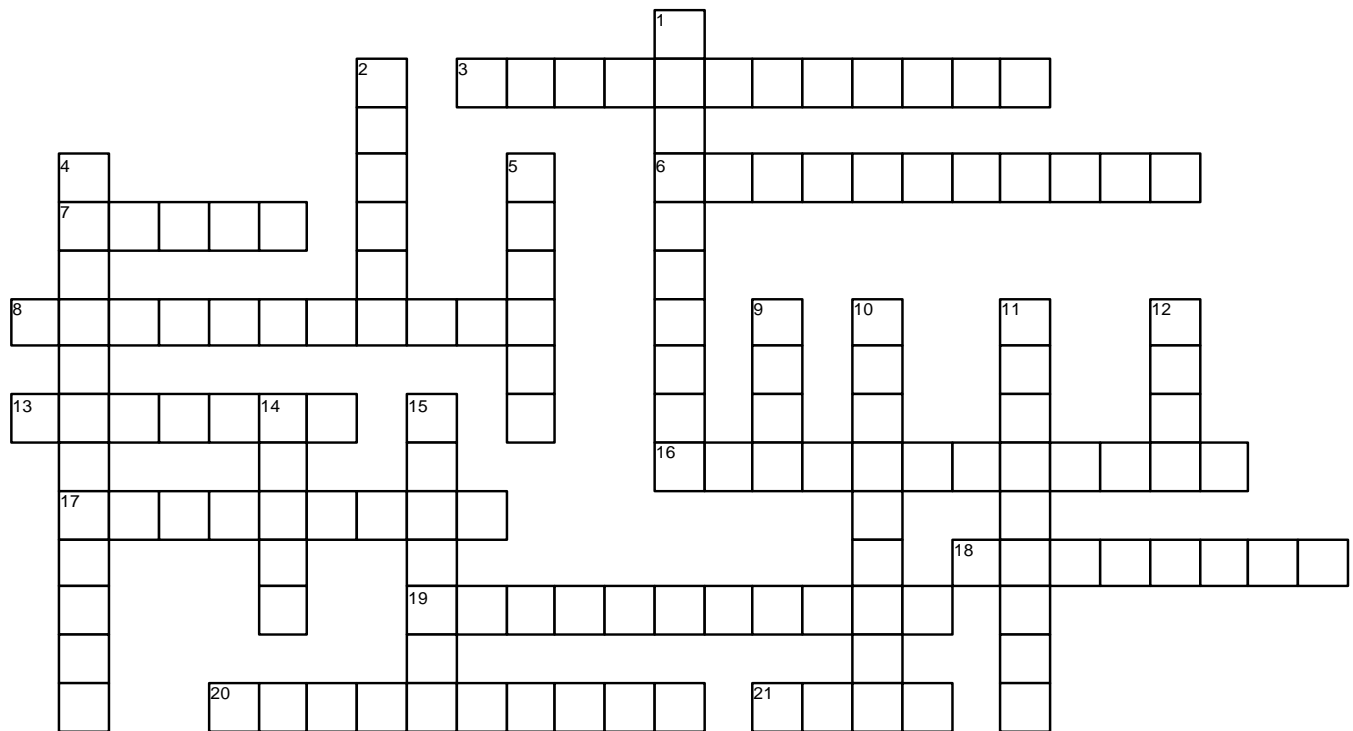


Continuously Variable and Dual Clutch Automatic Transmissions

Chapter 129



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ACROSS

- 3** The stepper motor, also called a _____ motor, is a linear position motor that changes the position of the upper end of the pulley ratio link.
- 6** A _____ temperature sensor is used to measure the temperature of the fluid leaving the clutches.
- 7** An _____ speed sensor (ISS) can be a magnetic or a hall-effect sensor.
- 8** A transmission _____ sensor (TTS) is a negative temperature coefficient (NTC) thermistor used to measure the temperature of the transaxle.
- 13** A _____ pressure sensor (PPS) is a pressure transducer that monitors primary pulley pressure.
- 16** A _____ variable transmission (CVT) is usually found on some front-wheel-drive vehicles that use a transaxle.
- 17** A _____ pressure sensor (SPS) is a pressure transducer to monitor secondary pulley pressure.

- The pressure measured is called the secondary oil pressure (SOP).
- 18** A _____ clutch design is used in a side-by-side arrangement.
- 19** The clutch _____ solenoid (CCFS) controls hydraulic oil for cooling of clutches.
- 20** because the vehicle speed slowly catches up to the engine speed, this effect is often referred to as the "_____ effect" and is most noticeable only during periods of rapid acceleration.
- 21** A _____ belt is made up of about 400 wedge-shaped segments that are held together by two steel bands.

DOWN

- 1** A _____ clutch (also called a nested-type clutch) is a design where both plates share the same vertical plane and provides a shorter assembly.
- 2** An _____ speed sensor (OSS) can be a magnetic or a hall-effect sensor
- 4** A _____ solenoid (LPS) controls the line pressure to the

- transmission hydraulic system.
- 5** A dual clutch automatic transmission/transaxle can also be referred to as _____ shift gearbox (DSG).
- 9** A dual clutch automatic transmission/ transaxle can also be referred to as _____ clutch transmission.
- 10** Instead of using three or more gears, a continuously variable transmission uses two variable-width pulleys, sometimes called _____, to change the gear ratio.
- 11** A dual clutch automatic transmission/ transaxle can also be referred to as _____ manual transmission (AMT).
- 12** A _____ chain is made up of links and link pins, much like a silent chain. The ends of the link pins contact the pulley sides.
- 14** A Transmission _____ sensor (TRS) is a multi-contact switch operated by the manual shift lever.
- 15** A dual clutch automatic transmission/ transaxle can also be referred to as _____ Doppelkupplung (PDK).