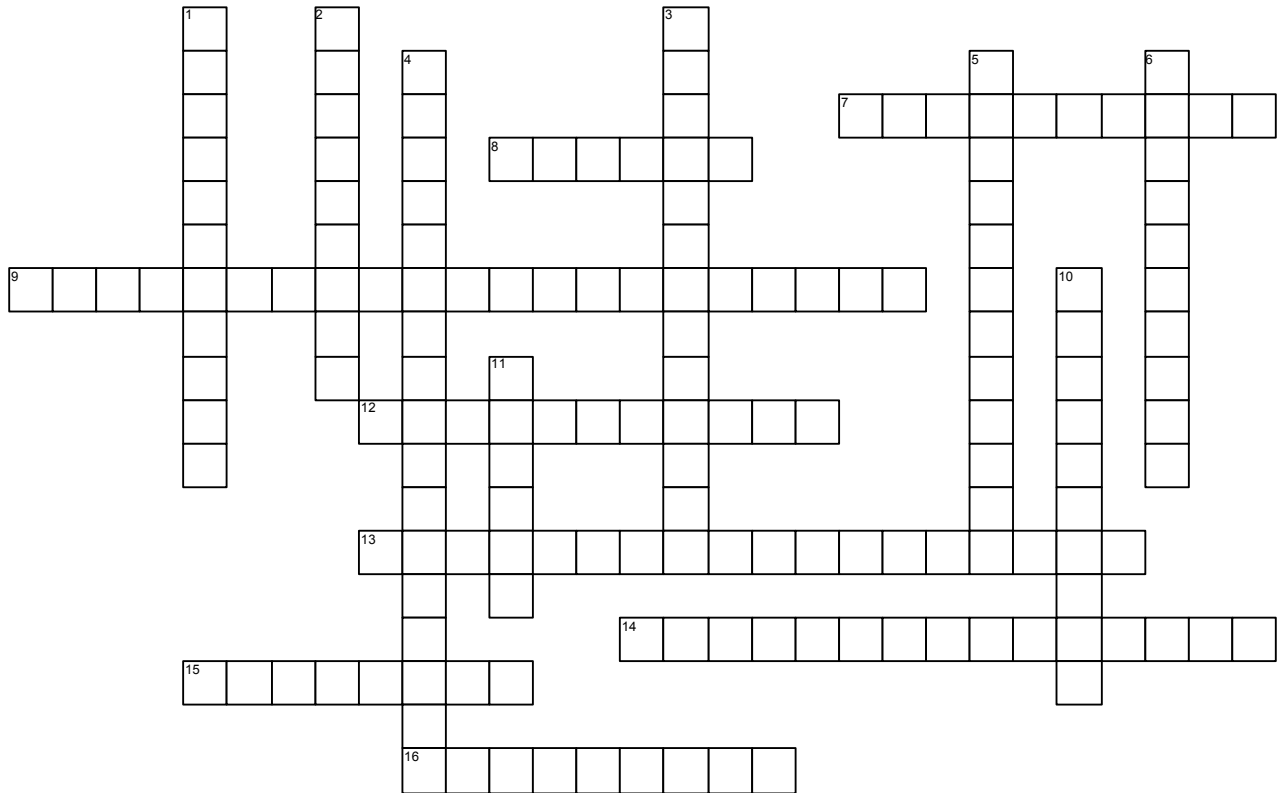


# Introduction To Drivetrains

## Chapter 3



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### ACROSS

- 7 \_\_\_\_\_ are used on nonparallel shafts.
- 8 The \_\_\_\_\_ is used to stop the power flow to allow the transmission to be shifted.
- 9 The purpose of an \_\_\_\_\_ is to provide the forward and reverse gear ratios needed without requiring the driver to make the change in gearing.
- 12 \_\_\_\_\_ are used in most drive axles and transaxes that have longitudinal mounted engines.
- 13 A \_\_\_\_\_ is constructed with a group of paths through which power can flow with each path used being a different gear ratio.
- 14 A \_\_\_\_\_ replaces the manual transmission clutch.
- 15 A gear set used with shafts that cross each other but do not intersect is the \_\_\_\_\_.
- 16 \_\_\_\_\_ are on parallel shafts with teeth cut straight or parallel to the shaft.

### DOWN

- 1 To determine horsepower, a \_\_\_\_\_ is used to measure the amount of torque an engine can produce at various points through its operating range.
- 2 When the driving gear has more teeth than the driven gear, it is called an \_\_\_\_\_.
- 3 The \_\_\_\_\_ is the diameter of the gear at the point where the teeth of the two gears meet and transfer power.
- 4 Most automatic transmissions use \_\_\_\_\_, which are a combination of gears.
- 5 \_\_\_\_\_ are the most used of all gears used in transmissions.
- 6 Two short driveshafts, called \_\_\_\_\_, are used to connect the transaxle to the front wheels.
- 10 One \_\_\_\_\_ is the power required to move 550 pounds one foot in one second.
- 11 \_\_\_\_\_ is a rotating or twisting force that may or may not result in motion.