Introduction To Drivetrains
Chapter 1

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 transaxles 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.