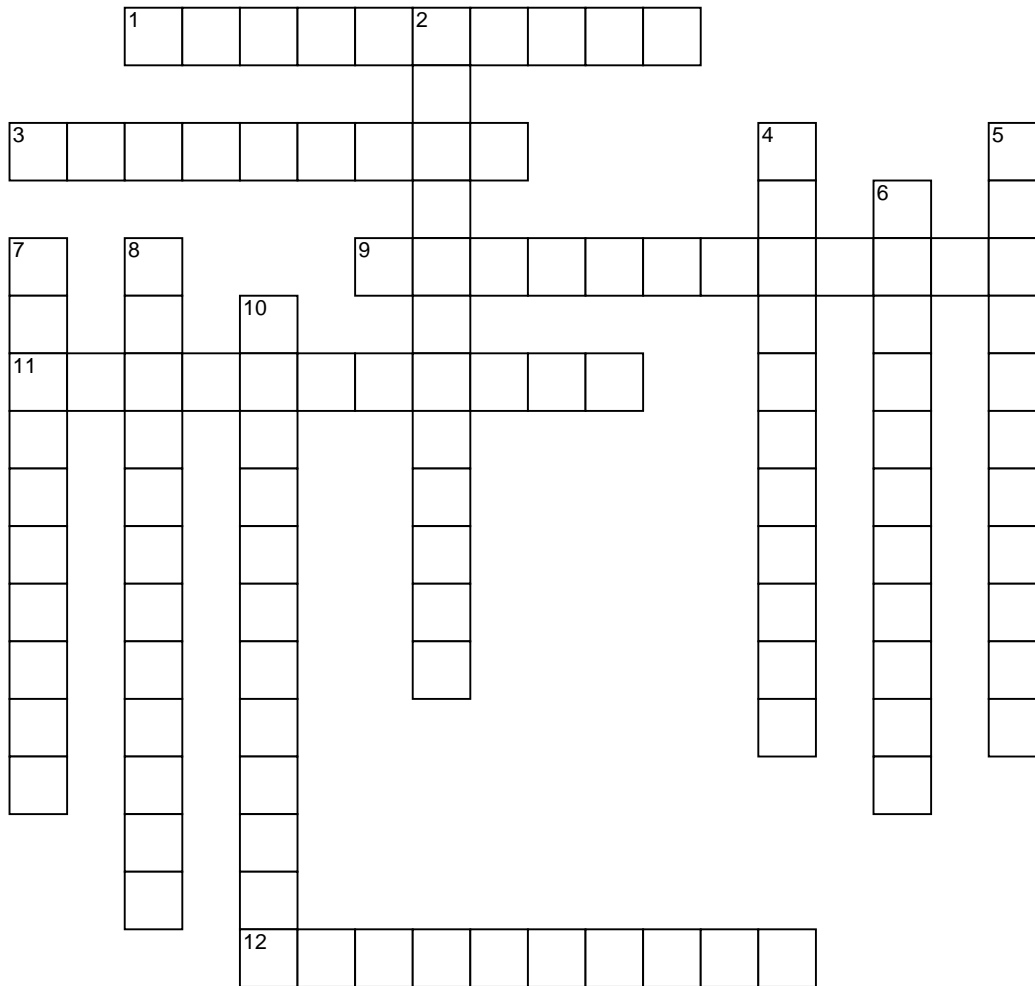


Manual Transaxle Parts and Operation

Chapter 6



<http://jameshalderman.com>

ACROSS

- 1 The _____ ring gear is mounted on the differential case.
- 3 The _____, also called a countershaft or an intermediate shaft, also includes a gear for each forward speed and these are the driven gears.
- 9 All of the gears in a transaxle, with the exception of the _____, are in constant mesh, and each of the gear pairs on the input shaft and main shaft represents the power paths for a particular gear ratio.
- 11 The differential _____ and side (axle) gears in the differential allow for speed differences when the vehicle turns a corner.
- 12 A _____ engine points across the vehicle also called East-West positioning.

DOWN

- 2 The _____ divides the power flow between the two CV joints coupled to the drive shafts and on to the wheels.
- 4 The main shaft also includes the _____ gear.
- 5 Unequal-length drive shafts can cause the vehicle to pull to one side during acceleration, which is called _____.
- 6 The input shaft is sometimes called the _____ because it is splined to the clutch disc.
- 7 The _____ is sometimes called the clutch shaft because it is splined to the clutch disc. Intermediate shaft
- 8 A _____ engine is commonly used in rear-wheel-drive vehicles and is often called North-South positioning.
- 10 The main shaft, also called a _____ or an intermediate shaft, also includes a gear for each forward speed and these are the driven gears.