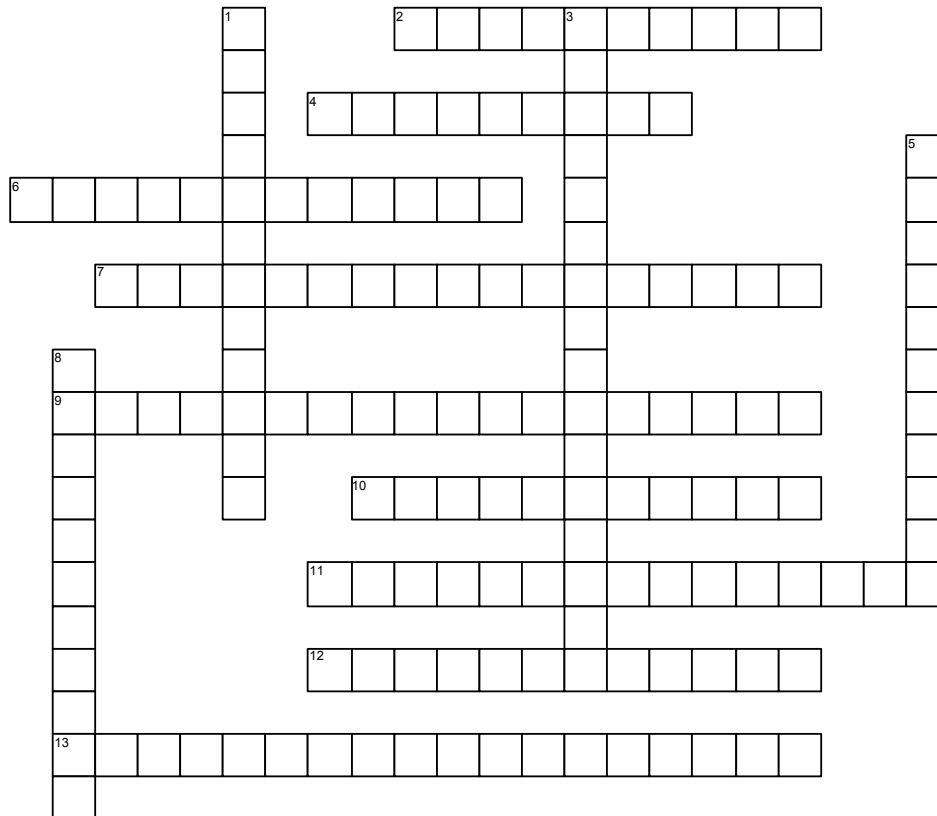


Manual Transaxle Parts and Operation

Chapter 7



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ACROSS

- 2 The driving gears are positioned on the _____, and there is one for each forward speed.
- 4 The _____ also includes a gear for each forward speed and these are driven gears.
- 6 Another name for the main shaft is the _____.
- 7 The _____ is another name for the main shaft.
- 9 A _____ is commonly used in rear-wheel-drive vehicles and is often called North-South positioning.
- 10 The differential _____ and side (axle) gears in the differential allow for speed differences when the vehicle turns a corner.
- 11 The _____ is the transmission output and the input for the final drive.
- 12 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.
- 13 The _____ is mounted on the differential case.

DOWN

- 1 The _____ divides the power flow between the two CV joints coupled to the drive shafts and on to the wheels.
- 3 A _____ points across the vehicle also called East-West positioning.
- 5 Unequal-length drive shafts can cause the vehicle to pull to one side during acceleration, which is called _____.
- 8 The input shaft is sometimes called the _____ because it is splined to the clutch disc.