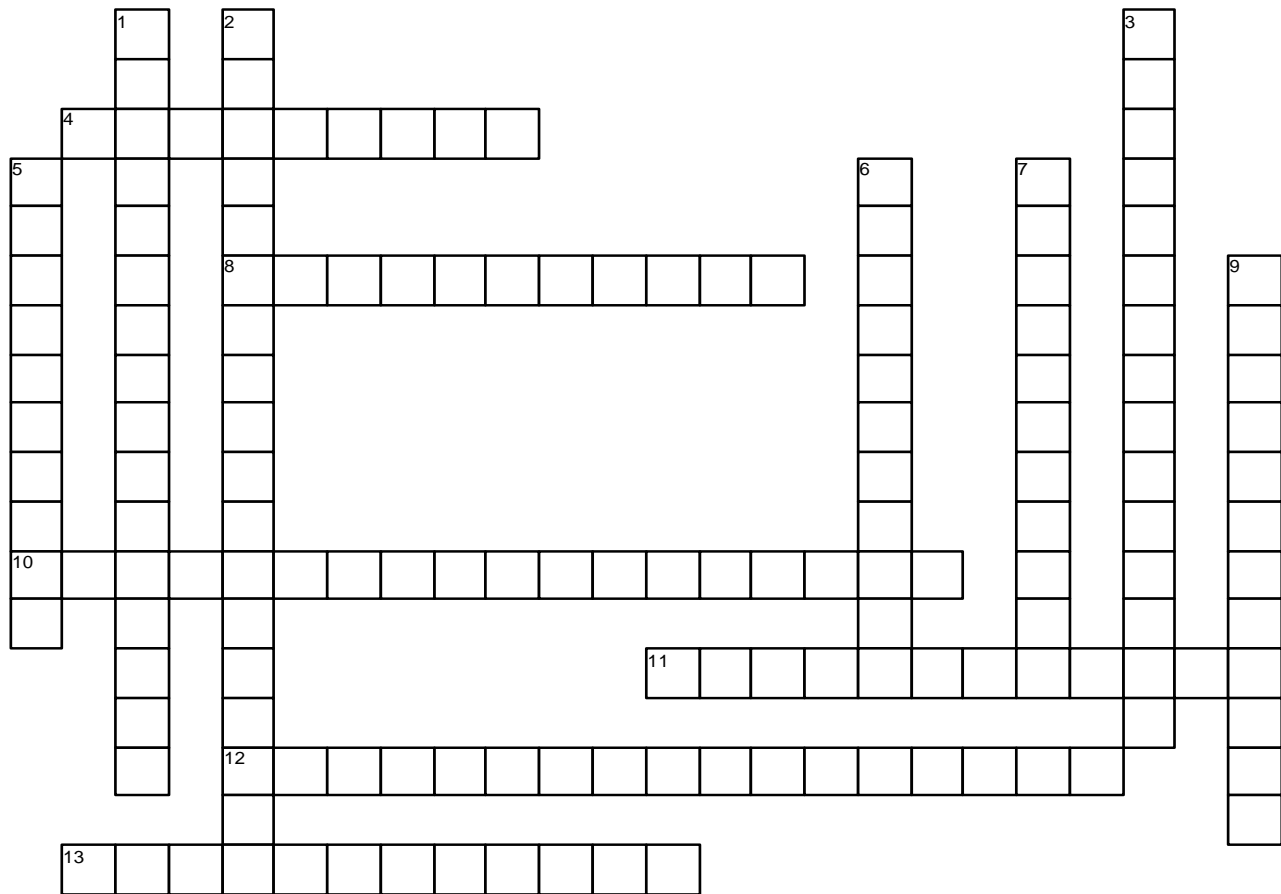


# Manual Transaxle Parts and Operation

## Chapter 7



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### ACROSS

- 4 The \_\_\_\_\_ also includes a gear for each forward speed and these are driven gears.
- 8 Unequal-length drive shafts can cause the vehicle to pull to one side during acceleration, which is called \_\_\_\_\_.
- 10 The \_\_\_\_\_ is mounted on the differential case.
- 11 Another name for the main shaft is the \_\_\_\_\_.
- 12 The \_\_\_\_\_ is another name for the main shaft.
- 13 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.

### DOWN

- 1 A \_\_\_\_\_ points across the vehicle also called East-West positioning.
- 2 A \_\_\_\_\_ is commonly used in rear-wheel-drive vehicles and is often called North-South positioning.
- 3 The \_\_\_\_\_ is the transmission output and the input for the final drive.
- 5 The driving gears are positioned on the \_\_\_\_\_, and there is one for each forward speed.
- 6 The input shaft is sometimes called the \_\_\_\_\_ because it is splined to the clutch disc.
- 7 The differential \_\_\_\_\_ and side (axle) gears in the differential allow for speed differences when the vehicle turns a corner.
- 9 The \_\_\_\_\_ divides the power flow between the two CV joints coupled to the drive shafts and on to the wheels.