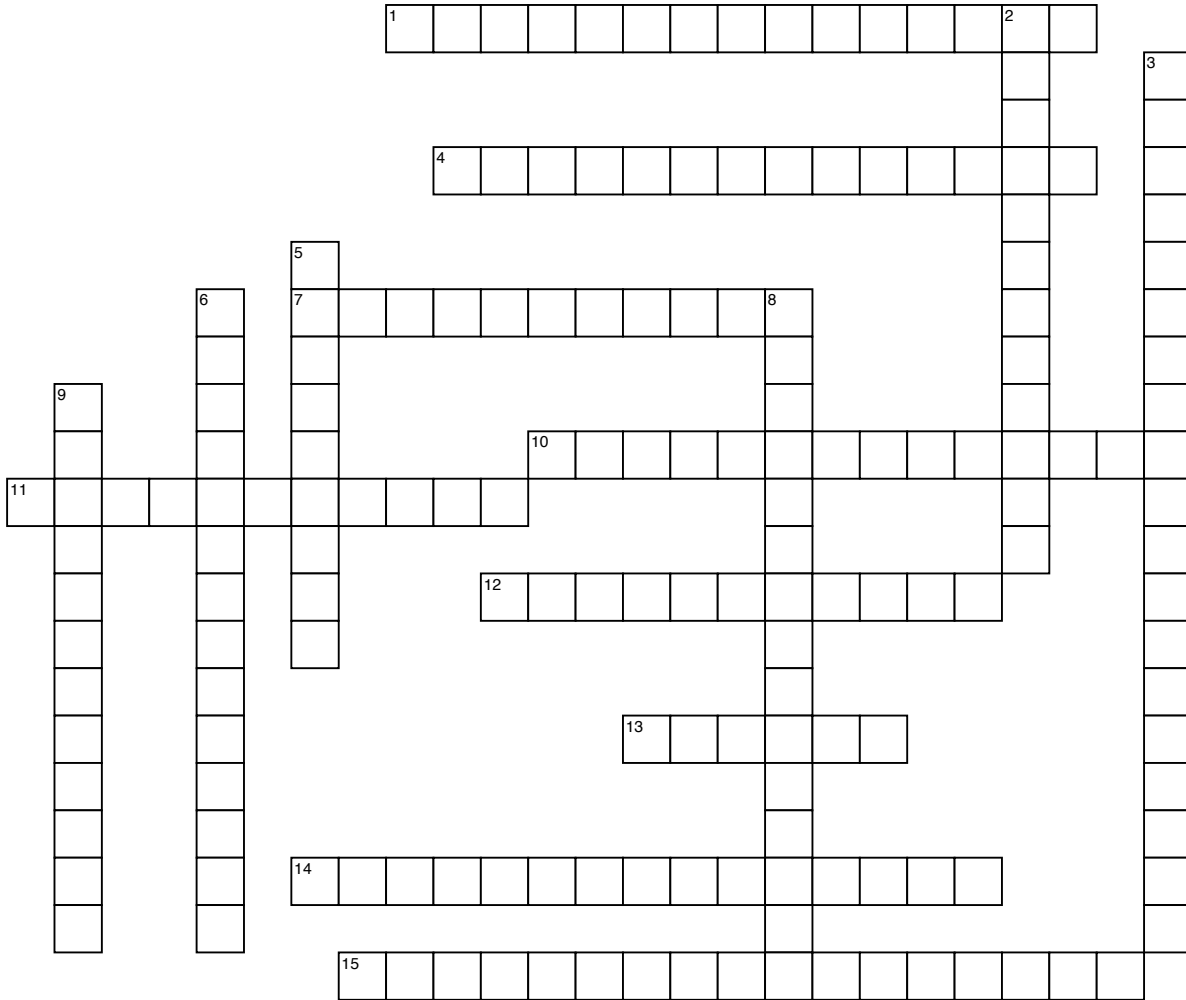


# Electronic Transmission Controls

## Chapter 9



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### ACROSS

- 1 A \_\_\_\_\_ uses spring-loaded, rectangular struts in the face of one clutch ring, the pocket plate that can engage notches in the face of another ring, the notch plate.
- 4 The \_\_\_\_\_ connect the turbine shaft from the torque converter to the elements of the planetary gear train.
- 7 An \_\_\_\_\_ is tied hydraulically to the clutch or band servo, and absorbs fluid during the pressure buildup stage when a clutch or band applies.
- 10 While the clutch is applied, there should be sufficient \_\_\_\_\_ to transfer torque without slippage.
- 11 Chrysler Corporation calls the first clutch the \_\_\_\_\_.
- 12 \_\_\_\_\_ shifting requires that one apply device be timed with the application of the apply device for the next gear range.
- 13 The unlined clutch plates are called \_\_\_\_\_.
- 14 While applying the clutch, there should be the proper \_\_\_\_\_ to get a good, smooth shift.
- 15 Ford Motor Company calls the first clutch the \_\_\_\_\_.

### DOWN

- 2 GM and Toyota call the first clutch the \_\_\_\_\_.
- 3 Some new clutch designs use friction plates with \_\_\_\_\_.
- 5 A \_\_\_\_\_ is an unlined plate that is wavy, not flat.
- 6 Plates lined with friction material are called \_\_\_\_\_.
- 8 The \_\_\_\_\_ connect a member of the gear train to the transmission case.
- 9 The neutral-to-drive and neutral-to-reverse shifts are called \_\_\_\_\_.