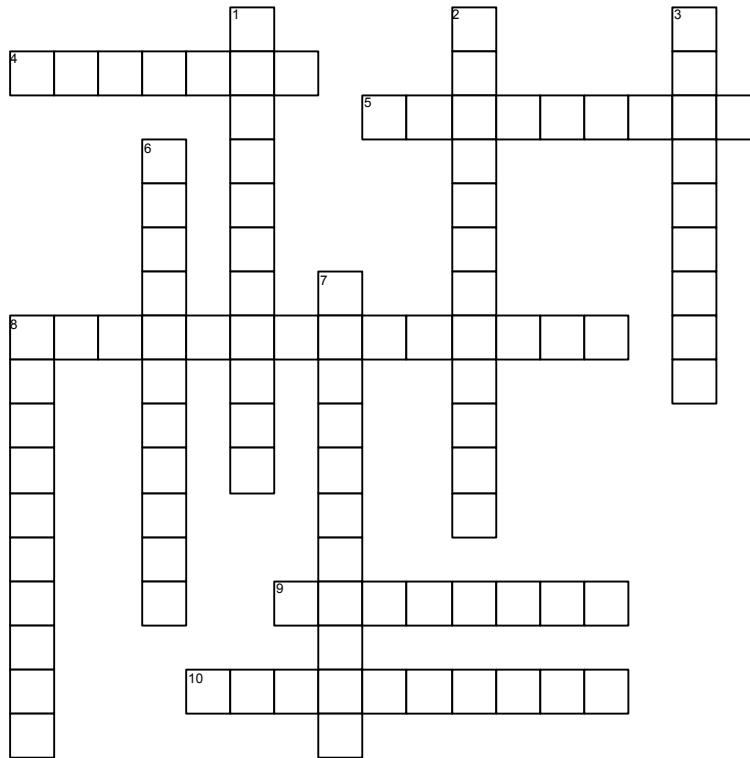


# Valve Bodies and Valve Body Service

## Chapter 16



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### ACROSS

- 4 An \_\_\_\_\_ is simply a small hole, usually in the separator plate.
- 5 A \_\_\_\_\_ is the simplest device for controlling fluid flow.
- 8 The \_\_\_\_\_ is located between the case side and the valve body side of the valve body assembly.
- 9 The largest volume of fluid flow is to the \_\_\_\_\_, which is usually a hydraulic piston.
- 10 Valve bodies have many fluid passages for the various transmission hydraulic circuits cast into them, called \_\_\_\_\_.

### DOWN

- 1 An \_\_\_\_\_ is a piston or valve that is not attached to anything because all it does is move in its own bore and is usually located in the valve body.
- 2 The \_\_\_\_\_ is a standard check for a sticking valve.
- 3 The \_\_\_\_\_ enables an automatic transmission to operate automatically and is often referred to as the "brain" of the transmission.
- 6 The \_\_\_\_\_ is the only hydraulic valve in the transmission that is controlled by the driver.
- 7 The detent cam is commonly called a \_\_\_\_\_.
- 8 A \_\_\_\_\_ is a spring-loaded spool valve that controls the transmission upshift and downshift circuits.