ACROSS

4 Many automatic transmissions use a _______-sized positive displacement pump.
5 _______ displacement pumps are also positive displacement in that they will pump a certain volume on each revolution, but the displacement, and therefore the fluid volume, can be changed.
6 Transmission oil pumps are capable of creating an excessive amount of pressure quickly and therefore, every transmission uses a pressure _______ valve, or pressure control valve, to control hydraulic pressure.
7 A _______ seal is used to seal the space between two parts that are stationary relative to each other.
8 A _______ seal has a more difficult job because one of the surfaces to be sealed is moving relative to the seal.
10 Some servo valves operate switch valves, and some help _______ _______ regulator valves.
11 The _______ _______ enables an automatic transmission/transaxle to operate automatically and is often referred to as the “brain” of the transmission.

DOWN

1 The _______ _______ exerted by a valve is simply the valve land area multiplied by fluid pressure.
2 _______ often called fluid power, is a method of transmitting motion and/or force using a fluid.
3 Gaskets and _______ are used to keep pressure from escaping where fluid flows between parts.
9 The _______ valve is the only hydraulic valve in the transmission that is “manually” controlled by the driver.