Electronic Transmission Controls
Chapter 27

ACROSS

2 Adaptive control is also known as _______ _______.

4 The _______ _______ is normally closed, which results in high regulated pressure.

6 The _______ _______ is another name for the input speed sensor.

8 The _______ _______ switch signals the TCM that the brake is applied, and the TCC should be released.

9 Chrysler refers to the adaptive control as the _______ _______, which is the length of time it takes to fill the clutches with fluid.

10 GM calls their adaptive control _______ _______.

11 _______ _______ keeps shift duration within a certain time period as determined by the driver's habits.

12 The _______ _______ is usually a thermistor, a type of variable resistor that changes electrical resistance relative to temperature.

13 Another name for the output speed sensor is the _______ _______.

14 The _______ _______ is used as an input to the PCM/TCM, which indicates the drive range requested by the driver.

15 An automatic transmission can be controlled by its own computer, called a _______ _______.

DOWN

1 The _______ _______ is used by the PCM for speedometer and cruise control operation as well as for transmission/transaxle operation and shift-related fault detection.

3 _______ _______ is another name for the electronic pressure control.

5 Altering the ignition timing during the shift decreases the load on the transmission and increases transmission life; this is called _______ _______.

7 _______ _______ measures the speed of the input shaft, which is the same or almost the same as the engine speed.