

Automotive Technology 7th Edition
Chapter 130: Hydraulic Components and Control Systems
Matching Quiz

Name: _____ Date: _____

Matching: Choose the item in column 2 that best matches each item in column 1.

- | | | |
|----------------------------------------|-------------------------------------------------------------------------------------------|-----------|
| 1. Accumulators | A. An apply device that consists of friction plates alternated with steel plates. | 1. _____ |
| 2. Valve Body | B. A valve that has ridges called "lands" and is used to direct the flow of fluid. | 2. _____ |
| 3. Transmission Bands | C. An overrunning clutch that is always a holding device. | 3. _____ |
| 4. Spool Valve | D. A highly refined oil that lubricates parts and provides hydraulic pressure. | 4. _____ |
| 5. Limp-in Gear | E. The location where most of a transmission's valves are housed. | 5. _____ |
| 6. Multiple-plate clutch | F. Mechanical or hydraulic assemblies that hold or drive members of a planetary gear set. | 6. _____ |
| 7. Pressure regulator valve | G. The forward speed used if an electronic or computer system failure occurs. | 7. _____ |
| 8. One-way clutch | H. Cushions or dampens the apply force during a shift. | 8. _____ |
| 9. Apply devices | I. A device used in every transmission to control hydraulic pressure. | 9. _____ |
| 10. Automatic Transmission Fluid (ATF) | J. Holding devices that stop one planetary gear set member from moving | 10. _____ |

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Answer Key

Answer Key:

1. H
2. E
3. J
4. B
5. G
6. A
7. I
8. C
9. F
10. D