

Automotive Technology 7th Edition
Chapter 95: Brake Hydraulic Systems
Matching Quiz

Name: _____

Date: _____

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

- | | | |
|--------------------------|---|-----------|
| 1. Pascal's Law | A. The forward, compensating port in a master cylinder that allows fluid to expand and return to the reservoir. | 1. _____ |
| 2. Master Cylinder | B. A valve used on front-disc/rear-drum systems to hold off front brake application until pressure builds in the rear brakes. | 2. _____ |
| 3. Vent Port | C. A symptom that indicates there is air in the brake lines. | 3. _____ |
| 4. Replenishing Port | D. The rearward port that keeps the area behind the master cylinder piston filled with fluid. | 4. _____ |
| 5. Diagonal Split System | E. A single unit that contains a proportioning valve and one or more other valves. | 5. _____ |
| 6. Spongy Brake Pedal | F. A symptom that indicates an internal master cylinder leak (bypassing). | 6. _____ |
| 7. Sinking Brake Pedal | G. A brake circuit where one front brake and the opposite rear brake are on the same circuit. | 7. _____ |
| 8. Proportioning Valve | H. A valve that limits hydraulic pressure to the rear brakes during hard stops. | 8. _____ |
| 9. Metering Valve | I. States that pressure on a confined liquid is transmitted equally in all directions. | 9. _____ |
| 10. Combination Valve | J. The heart of the braking system, containing two pressure-building chambers | 10. _____ |

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Answer Key

Answer Key:

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