

Automotive Technology 7th Edition
Chapter 100: Disc Brakes
Matching Quiz

Name: _____

Date: _____

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

- | | | |
|-------------------------|--|-----------|
| 1. Caliper | A. Avoided in disc brakes because the rotor expands toward the linings as it heats up. | 1. _____ |
| 2. Swept Area | B. A design with a V-shaped O-ring groove that pulls the piston farther back from the rotor when released. | 2. _____ |
| 3. Lining Fade | C. Uses hydraulic pressure to create the mechanical force required to move the brake pads into contact with the brake rotor. | 3. _____ |
| 4. Gas Fade | D. Mechanical or electrical devices that signal the driver when the lining material needs replacement. | 4. _____ |
| 5. Fixed Caliper | E. Occurs when excessive heat causes the friction coefficient of the lining material to drop. | 5. _____ |
| 6. Floating Caliper | F. A caliper design that is rigidly mounted to the suspension. | 6. _____ |
| 7. Brake Pad | G. The amount of rotor friction surface that moves past the brake linings with each rotation. | 7. _____ |
| 8. Mechanical Fade | H. Consists of a block of friction material attached to a stamped steel backing plate. | 8. _____ |
| 9. Low-Drag Caliper | I. A caliper design supported by bushings and/or O-rings that allow it to slide on guide pins. | 9. _____ |
| 10. Pad Wear Indicators | J. Caused by hot gases and dust from the linings becoming trapped between the pads and rotor. | 10. _____ |

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Answer Key

Answer Key:

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