Automotive Technology 7th Edition
Chapter 103: Machining Brake Drums and Rotors
Matching Quiz

Name: _____ Date: _____

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

1. Scoring	A. A variation in the thickness of a rotor when measured at different places around it.	1. _____
2. Heat Checking	B. Many small, interlaced cracks on the friction surface.	2. _____
3. Hard Spots	C. Factory-installed metal clips that keep brake drums from falling off during assembly.	3. _____
4. Bellmouth Distortion	D. A condition where the open edge of a drum has a larger diameter than the closed edge.	4. _____
5. Out-of-Round Distortion	E. An extreme form of wear with scratches and deep grooves on the friction surface.	5. _____
6. Eccentric Distortion	F. Rotors that use a steel center section and a cast-iron wear surface.	6. _____
7. Tinnerman Nuts	G. The side-to-side wobble of a rotor as it rotates.	7. _____
8. Lateral Runout (LRO)	H. Circular, bluish, glassy-appearing areas on the friction surface caused by intense heat.	8. _____
9. Thickness Variation (TV)	I. A condition where the drum's radius varies when measured at different points.	9. _____
10. Composite Rotors	J. A condition where the geometric center of the drum's friction surface is not the same as the axle's center.	10. ____

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Answer Key

Answer Key:

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