Automotive Technology 7th Edition
Chapter 97: Wheel Bearings and Service
Matching Quiz

Name: _____ Date: _____

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

1. Antifriction Bearings	A. The most common type of automotive wheel bearing, which handles both radial and axial loads.	1. _____
2. Tapered Roller Bearing	B. An axle design where the axle shafts "float" and do not support the vehicle's weight.	2. _____
3. Grease	C. Oil that has been mixed with a thickening agent to be used where a liquid lubricant would not stay.	3. _____
4. GC-LB	D. An axle design where the outboard end of the shaft retains the wheel and supports the vehicle's weight.	4. _____
5. Dynamic Seals	E. A spring that helps hold a lip seal tight against a shaft.	5. _____
6. Garter Spring	F. A classification indicating a grease meets the highest quality standards for both wheel bearing and chassis use.	6. _____
7. Full-Floating Axle	G. Bearings that use rolling parts to convert sliding friction into rolling motion.	7. _____
8. Semi-Floating Axle	H. Indentations in the bearing race caused by impact loads or vibration when the bearing is not turning.	8. _____
9. C-Lock-Type Axle	I. A type of axle retention that uses a clip inside the differential.	9. _____
10. Brinelling	J. Seals used to prevent leakage between two surfaces that move relative to each other	10. ____

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Answer Key

Answer Key:

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