

Automotive Technology 7th Edition
Chapter 108: Tires and Wheels
Matching Quiz

Name: _____

Date: _____

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

- | | | |
|------------------|---|-----------|
| 1. Tread | A. A manufacturing defect that causes a tire to be cone-shaped, resulting in a vehicle pull. | 1. _____ |
| 2. Hydroplaning | B. The distance between a wheel's mounting surface and its centerline. | 2. _____ |
| 3. Bead | C. The foundation of the tire that grips the inside of the wheel rim. | 3. _____ |
| 4. Body Ply | D. The term for a tire after assembly but before it is placed in a mold and cured. | 4. _____ |
| 5. Green Tire | E. Fasteners that secure the wheel to the vehicle's hub assembly. | 5. _____ |
| 6. UTQGS | F. The part of the tire that contacts the road. | 6. _____ |
| 7. Tire Conicity | G. A tire designed to be driven for a limited distance without any air pressure. | 7. _____ |
| 8. Run-flat Tire | H. A rating system for tread wear, traction, and temperature resistance. | 8. _____ |
| 9. Offset | I. A condition where a tire loses contact with the road surface by riding up on a layer of water. | 9. _____ |
| 10. Lug Nuts | J. The layers of material that create the main framework or "carcass" of the tire. | 10. _____ |

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Answer Key

Answer Key:

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