

Automotive Technology 7th Edition
Chapter 116: Steering Linkage and Service
Matching Quiz

Name: _____ Date: _____

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

- | | | |
|-------------------------------|---|-----------|
| 1. Parallelogram Linkage | A. Four-wheel steering mode where the front and rear wheels turn in the same direction, typically for high-speed maneuvers. | 1. _____ |
| 2. Steering Dampener | B. Describes a vehicle where the steering gear is located in front of the front wheel centerline. | 2. _____ |
| 3. Zerk Fitting | C. An undesirable condition where the wheels turn on their own as the suspension moves up and down due to an unlevel linkage. | 3. _____ |
| 4. Rubber-Bonded Socket (RBS) | D. Another name for a grease or Alemite fitting. | 4. _____ |
| 5. Front Steer | E. The most common type of conventional steering linkage, which includes a center link, idler arm, and pitman arm. | 5. _____ |
| 6. Opposite-Phase Steering | F. A test that uses a spring scale to measure the effort needed to move a tie rod within its ball socket. | 6. _____ |
| 7. Same-Phase Steering | G. A type of tie rod end that uses a rubber casing around the ball stud and does not require lubrication. | 7. _____ |
| 8. Dry Park Test | H. A component similar to a shock absorber that dampens sudden motions in the linkage. | 8. _____ |
| 9. Bump Steer | I. A procedure used to check for looseness in steering components while the vehicle is on the ground. | 9. _____ |
| 10. Articulation Test | J. Four-wheel steering mode where the front and rear wheels turn in opposite directions, typically for low-speed maneuvers. | 10. _____ |

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Answer Key

Answer Key:

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