

Automotive Technology 7th Edition
Chapter 112: Front Suspension and Service
Matching Quiz

Name: _____ Date: _____

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

- | | | |
|-------------------------------------|---|-----------|
| 1. Solid Axle | A. Incorporates the wheel spindle and steering arm. | 1. _____ |
| 2. Kingpins | B. Should never be switched from one side of the vehicle to the other. | 2. _____ |
| 3. Short-/Long-Arm (SLA) Suspension | C. A load-carrying assembly that includes the shock and the spring in one structural assembly. | 3. _____ |
| 4. MacPherson Strut | D. An assistant moves the steering wheel from side to side to help locate worn components. | 4. _____ |
| 5. Indicator Ball Joints | E. A suspension system that utilizes a short upper control arm and a longer lower control arm. | 5. _____ |
| 6. Dry Park Test | F. A main disadvantage of this design is its lack of ride quality. | 6. _____ |
| 7. Stabilizer Bar | G. Twists whenever a vehicle turns a corner or one side of the vehicle rises or lowers. | 7. _____ |
| 8. Steering Knuckle | H. These have a raised area around the grease fitting to show wear. | 8. _____ |
| 9. Strut Rod Bushing | I. Hardened steel pins that connect the steering knuckle to the front axle. | 9. _____ |
| 10. Torsion Bars | J. A common symptom of a worn or defective one is noise and a pull toward one side while braking. | 10. _____ |

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Answer Key

Answer Key:

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