

**Automotive Technology 7<sup>th</sup> Edition**  
**Chapter 124: Drive Shaft and Half Shafts Service**  
**Matching Quiz**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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

- |                             |  |           |
|-----------------------------|--|-----------|
| 1. Brinelling               | A. A clunking noise that occurs when the driveshaft spline binds and then releases.                    | 1. _____  |
| 2. Inclinator               | B. Identifying a defective joint by a loud clunk when accelerating from a rest.                        | 2. _____  |
| 3. Spline Bind              | C. Removing the driveshaft to check for free, non-binding movement in all directions.                  | 3. _____  |
| 4. Working Angle Correction | D. A method of securing U-joint caps with injected plastic that must be sheared or melted for removal. | 4. _____  |
| 5. Outer CV Joint Diagnosis | E. Wear marks on a U-joint's cross-shaft surface caused by the needle bearings.                        | 5. _____  |
| 6. Inner CV Joint Diagnosis | F. A single-use locknut that must be replaced after removal.   | 6. _____  |
| 7. "Relieving the joint"    | G. Identifying a defective joint by a clicking noise that occurs while turning and accelerating.       | 7. _____  |
| 8. Prevailing Torque Nut    | H. A tool used to measure driveshaft working angles.   | 8. _____  |
| 9. U-joint Inspection       | I. Using tapered shims or wedges to change U-joint angles.   | 9. _____  |
| 10. Synthetic Retainers     | J. The act of striking a stiff, newly installed U-joint with a brass punch to free it                  | 10. _____ |

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**Answer Key**

**Answer Key:**

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