

**Automotive Technology 7<sup>th</sup> Edition**  
**Chapter 50: Starting System Diagnosis and Service**  
**Matching Quiz**

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

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

- |                                    |                                                                                         |           |
|------------------------------------|-----------------------------------------------------------------------------------------|-----------|
| 1. Voltage Drop Test               | A. Can indicate a defective starter drive unit or damaged flywheel teeth.               | 1. _____  |
| 2. Starter Amperage Test           | B. The first step is to disconnect the negative battery cable.                          | 2. _____  |
| 3. Control Circuit                 | C. A symptom often caused by low battery voltage or corroded connections.               | 3. _____  |
| 4. Bench Testing                   | D. Determines if the starter motor itself is the cause of a slow cranking concern.      | 4. _____  |
| 5. Excessive Current Draw          | E. Can indicate a defective starter drive or improper flywheel clearance.               | 5. _____  |
| 6. Starter Solenoid "Click"        | F. Can be caused by dirty battery connections or high resistance in the battery cables. | 6. _____  |
| 7. Starter Whine                   | G. Can indicate worn starter bushings or a seized engine.                               | 7. _____  |
| 8. Grinding Noise                  | H. The usual method of testing a starter before installation by clamping it in a vise.  | 8. _____  |
| 9. Starter Removal                 | I. Measures the difference in voltage between two points while current is flowing.      | 9. _____  |
| 10. Low Amperage Draw (slow crank) | J. Includes the ignition switch, safety switch, and starter solenoid.                   | 10. _____ |

**Automotive Technology 7<sup>th</sup> Edition**  
**Chapter 50: Starting System Diagnosis and Service**  
**Matching Quiz**  
**Answer Key**

**Answer Key:**

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