

**Automotive Technology 7<sup>th</sup> Edition**  
**Chapter 42: Wiring Schematics and Circuit Testing**  
**Matching Quiz**

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

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

- |                           |   |           |
|---------------------------|---|-----------|
| 1. Wiring Schematic       | A. A switch that opens or closes a circuit when power is applied to a coil.               | 1. _____  |
| 2. Terminal               | B. A component that has two states: normally open (NO) and normally closed (NC).          | 2. _____  |
| 3. SPST Switch            | C. A common type of switch used in relays.  | 3. _____  |
| 4. Relay                  | D. The fixed connections inside a connector where wires attach.                           | 4. _____  |
| 5. Coil                   | E. This describes the number of separate circuits a switch can control.                   | 5. _____  |
| 6. Poles                  | F. These are diagrams that show electrical components and wiring using symbols and lines. | 6. _____  |
| 7. Throws                 | G. A tool used to find an open circuit in wiring by detecting a signal.                   | 7. _____  |
| 8. N.C. (Normally Closed) | H. The movable part of a relay that connects to the terminals.                            | 8. _____  |
| 9. Tone Generator Tester  | I. The number of possible output connections for each pole of a switch.                   | 9. _____  |
| 10. Short Circuit         | J. An unintended path for current to flow, bypassing the intended load.                   | 10. _____ |

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**Answer Key**

**Answer Key:**

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