

Automotive Technology 7th Edition
Chapter 41: Automotive Wiring and Wire Repair
Matching Quiz

Name: _____ Date: _____

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

- | | | |
|--------------------------------------|---|-----------|
| 1. American Wire Gauge (AWG) | A. Conductors with plastic insulation made of many strands of copper. | 1. _____ |
| 2. Automotive Wiring | B. Indicates a high-voltage circuit. | 2. _____ |
| 3. Braided Ground Straps | C. A common type of solder used in automotive wiring. | 3. _____ |
| 4. Circuit Breaker | D. Used to protect circuits from overcurrent by melting and opening the circuit. | 4. _____ |
| 5. Fuses | E. Can be reset after an overload. | 5. _____ |
| 6. Fusible Link | F. Designed to open a circuit when excessive current flows, often a short length of special wire. | 6. _____ |
| 7. Rosin-Core Solder | G. Prevents rust and corrosion after soldering. | 7. _____ |
| 8. Adhesive-Lined Heat Shrink Tubing | H. Used to dampen radio-frequency interference (RFI) and allow engine movement. | 8. _____ |
| 9. Orange Conduit | I. A system for sizing wiring, where smaller numbers mean larger wire. | 9. _____ |
| 10. Cold Solder Joint | J. A wire repair where the solder did not flow completely around the wire. | 10. _____ |

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Answer Key

Answer Key:

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