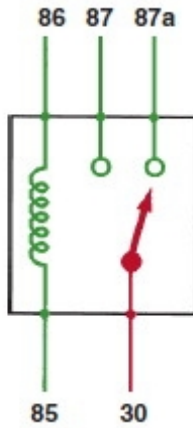


CH-9 HMWK 317

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) Ammeters should be connected _____ with the circuit being tested. 1) _____
A) In parallel B) In series C) Across a load D) None of these

- 2) This drawing is a representation of _____. 2) _____



- A) A potentiometer B) A vacuum switch
C) An ignition coil D) A relay

- 3) If an insulated wire rubbed through a part of the insulation and the wire conductor touched the steel body of a vehicle, the type of failure would be called _____. 3) _____
A) A short to ground B) A chassis ground
C) A short to voltage D) An open

- 4) Which of these is also known as electrical potential? 4) _____
A) Amps B) Volts C) Ohms D) None of these

- 5) If two power-side insulated wires were to melt together to the point that the copper conductors touched each other, the type of failure would be called a(an) _____. 5) _____
A) Floating ground B) Short-to-ground
C) Open D) Short-to-voltage

- 6) If a wire repair, such as that made under the hood or under the vehicle, is exposed to the elements, which type of repair should be used? 6) _____
A) Wire nuts and electrical tape
B) Butt connectors
C) Solder and adhesive-lined heat shrink or crimp-and-seal connectors
D) Rosin-core solder and electrical tape

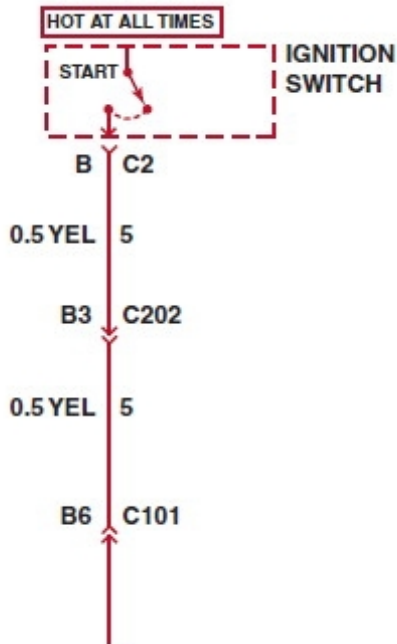
- 7) This symbol in a wiring diagram indicates _____. 7) _____



- A) A connector B) A fuse C) Both A and B D) Neither A nor B

8) An electrical conductor is an element with _____ electrons in its outer orbit. 8) _____
 A) Exactly 4 B) Less than 4 C) Less than 2 D) More than 4

9) In this diagram the number "0.5" refers to _____. 9) _____



- A) Current flow in the circuit
- B) The wire color
- C) The circuit number
- D) The size of the wire

10) Low-speed networks operate at less than _____ bits per second. 10) _____
 A) 5,000 B) 10,000 C) 2,000 D) 8,000