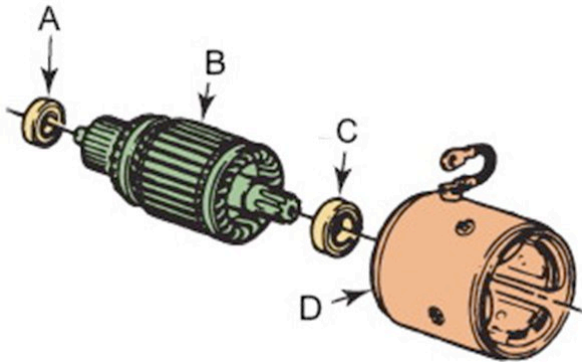


Name \_\_\_\_\_

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

- 1) After installing the starter, the technician should perform which of the following? 1) \_\_\_\_\_  
A) Attach the negative battery cable  
B) Check the starter for proper operation  
C) Perform a starter voltage drop test before starting the engine  
D) Both A and B

- 2) Which of these components is the armature? 2) \_\_\_\_\_



- A) A
- B) B
- C) C
- D) D

- 3) Bench testing of a starter should be done \_\_\_\_\_. 3) \_\_\_\_\_  
A) after reassembling an old starter  
B) before installing a new starter  
C) after removing the old starter  
D) both A and B

- 4) What component or circuit can keep the engine from cranking? 4) \_\_\_\_\_  
A) Antitheft  
B) Solenoid  
C) Ignition switch  
D) All of the above

- 5) A cranking system voltage drop test is being done. Technician A says that the higher the voltage drop, the lower the resistance in the circuit. Technician B says that a high voltage drop in the cranking circuit wiring can cause slow engine cranking. Who is right? 5) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician

- 6) Which of these can cause a starter grinding noise? 6) \_\_\_\_\_  
A) An over-tightened flywheel  
B) Neutral safety switch  
C) Defective starter drive  
D) Seized engine
- 7) Technician A says that the cranking circuit should be tested for proper amperage draw. 7) \_\_\_\_\_  
Technician B says that an open in the control circuit will not prevent starter motor operation.  
Who is right?  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 8) All of these can cause a starter not to rotate, EXCEPT \_\_\_\_\_. 8) \_\_\_\_\_  
A) defective starter drive  
B) shorted field coils  
C) defective armature  
D) seized engine crankshaft
- 9) Which one of these would NOT be a diagnostic step when diagnosing a "no crank" customer concern? 9) \_\_\_\_\_  
A) Check the condition of the engine oil.  
B) Check the operation of the theft deterrent system.  
C) Check the battery with a load test.  
D) Test for proper operation of the starter enable relay.
- 10) What should be done first before removing the starter motor from the vehicle? 10) \_\_\_\_\_  
A) Remove battery  
B) Remove starter solenoid  
C) Disconnect starter relay  
D) Disconnect negative battery cable

## Answer Key

Testname: AT6\_53B

1) D

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2) B

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3) D

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4) D

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5) B

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6) C

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7) A

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8) A

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9) A

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10) D

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