

Name _____

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

- 1) Which of the following is an advantage offered by a scroll-type compressor? 1) _____
 - A) Smooth engagement
 - B) Low engagement torque
 - C) Ability to use a small clutch
 - D) All of these

- 2) In a piston-type compressor, the pistons are driven by a _____. 2) _____
 - A) Crankshaft
 - B) Swash plate
 - C) Wobble plate
 - D) Any of the above, depending on the compressor

- 3) Technician A says that as the clutch drive hub is replaced, the air gap should be checked at three different places. Technician B says that the air gap is not important as long as the clutch coil resistance (in ohms) is correct. Which technician is correct? 3) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 4) Technician A says that it is important to position the retaining ring correctly when replacing clutch parts on a compressor. Technician B says that the air gap may be adjusted with thick spacers. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 5) A stretch-type AC compressor belt is removed using _____. 5) _____
 - A) A special tool
 - B) A knife (cut it)
 - C) By removing the compressor
 - D) By removing the tensioner

- 6) Switches found on the compressor itself may include a _____. 6) _____
 - A) Low-pressure switch
 - B) High-pressure switch
 - C) Low- and/or high-pressure switch
 - D) Any or all of the above

- 7) The basic designs of AC compressors include _____, _____, and _____. 7) _____
A) Piston, vane, and scroll
B) Radial, piston, and vane
C) Balanced, piston, and scroll
D) Fixed scroll, moveable scroll, and piston
- 8) Most newer compressors use a _____ seal on the compressor shaft. 8) _____
A) Cork
B) Ceramic
C) Lip
D) Boron
- 9) A _____ is used to seal the opening for the compressor drive shaft. 9) _____
A) Seal cartridge
B) Lip seal
C) Either A or B
D) Neither A nor B
- 10) A compressor belt tensioner is bouncing rapidly with the engine running. What should the technician do? 10) _____
A) Nothing, this is normal
B) Remove the tensioner and lubricate the dampener
C) Replace the tensioner
D) Tighten the tensioner center bolt

Answer Key

Testname: AHAC8_3B

1) D

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2) D

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3) A

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4) A

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5) B

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6) D

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7) A

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8) C

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9) C

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10) C

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