

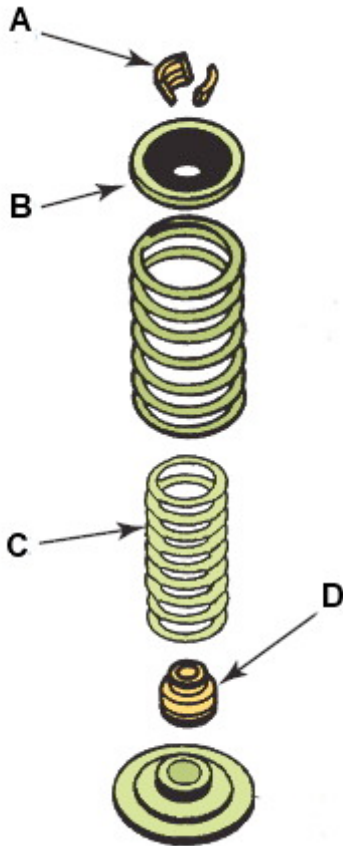
Name _____

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

- 1) Never remove more material from the tip of a valve than _____ inches. 1) _____
A) 0.001
B) 0.002
C) 0.020
D) 0.050
- 2) Valve spring inserts (shims) are designed to _____. 2) _____
A) Increase installed height of the valve
B) Decrease installed height of the valve
C) Adjust the correct valve spring installed height
D) Decrease valve spring pressure to compensate for decreased installed height
- 3) Technician A says that a pilot is placed into the valve guide to position the stone or cutter correctly for resurfacing the valve seat. Technician B says that he installed height should be checked and corrected with oversized valves, if needed. Which technician is correct? 3) _____
A) Technician A
B) Technician B
C) Both technicians
D) Neither technician

4) Which of these components is the valve seal?

4) _____



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

5) Which of these is the most common valve spring keeper?

5) _____

- A) Horseshoe
- B) Clip
- C) Split keeper
- D) Cotter pin

6) Which of these is the coolest part of the valve?

6) _____

- A) Margin
- B) Seat
- C) Stem
- D) Face

7) The proper relationship between intake and exhaust valve diameter is _____.

7) _____

- A) Intake valve size is 85% of exhaust valve size
- B) Exhaust valve size is 85% of intake valve size
- C) Exhaust valve size is 38% of intake valve size
- D) Intake valve size is 45% of exhaust valve size

- 8) The type of valve in use today is a _____ valve. 8) _____
A) Elliptical
B) Poppet
C) Aluminum
D) Rhodium
- 9) Valve stem height is most critical on which of these? 9) _____
A) Adjustable hydraulic lifter systems
B) Adjustable solid lifter systems
C) Overhead cam engines
D) Non-adjustable solid lifter systems
- 10) If an interference angle is machined on a valve or seat, the angle is usually _____. 10) _____
A) 1 degree
B) 0.005 degree
C) 1-3 degree
D) 0.5-0.75 degree

Answer Key

Testname: ENGINES9_27A

1) C

Page Ref: 384

2) C

Page Ref: 384

3) A

Page Ref: 379, 384

4) D

Page Ref: 369

5) C

Page Ref: 373

6) C

Page Ref: 370

7) B

Page Ref: 369

8) B

Page Ref: 368

9) C

Page Ref: 384

10) A

Page Ref: 378