

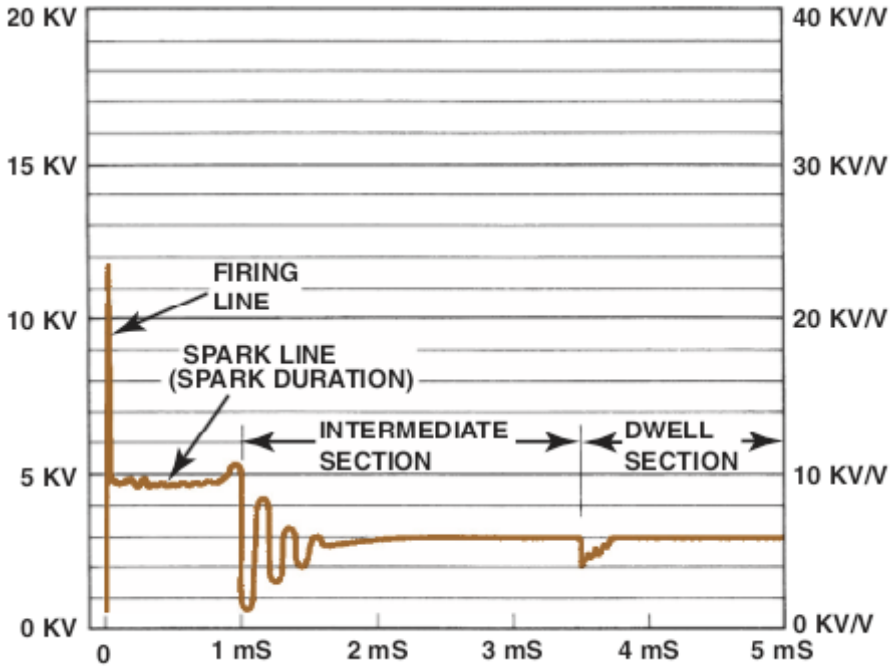
Name _____

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

- 1) Typical primary coil resistance specifications usually range from _____ ohms. 1) _____
A) 100 to 450
B) 500 to 1500
C) less than 1 to 3
D) 6,000 to 30,000
- 2) Two technicians are discussing a no-start (no spark) condition. Technician A says that an open CKP sensor could be the cause. Technician B says that a defective ignition control module (ICM) could be the cause. Which technician is correct? 2) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 3) Technician A says that primary windings should have higher resistance. Technician B says that secondary windings should have higher resistance. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B

4) Look at this typical secondary scope wave form. What is happening during the swell section?

4) _____



- A) The spark is being grounded
- B) The ignition coil is being discharged
- C) The ignition coil is grounded (turned ON)
- D) The ignition coil is un-grounded (turned OFF)

5) Which can be used to test for a fault with a cylinder on a waste-spark system?

5) _____

- A) Using a timing light to check for spark
- B) Using short sections of rubber hose attached to the coil terminals
- C) An LED test light
- D) Any of the above

6) A no-start condition is being discussed. Technician A says that a bad CKP (crankshaft position) sensor could be the cause. Technician B says that an open spark plug wire could be the cause. Which technician is correct?

6) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians A and B
- D) Neither technician A nor B

7) The spark plug threads in the cylinder head should be cleaned using a(an) _____ before installing new plugs.

7) _____

- A) wire brush
- B) tap
- C) old toothbrush
- D) thread chaser

8) Which of these components sends a pulse signal to an electronic ignition module?

8) _____

- A) Resistor
- B) Crankshaft position sensor
- C) Ignition coil
- D) Coil wire

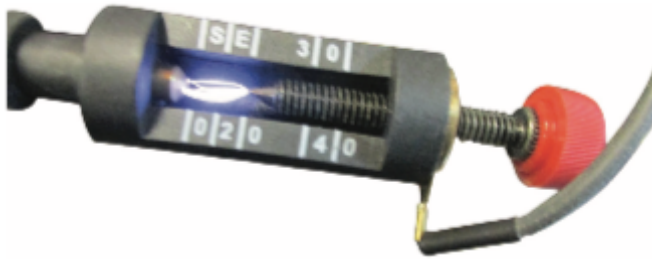
9) Which of the following could cause oil fouled spark plugs?

9) _____

- A) Defective valve stem seals
- B) Weak ignition system output
- C) Low engine temperature
- D) Short trips or excessive idling

10) What testing device is shown in this illustration?

10) _____



- A) Spark tester
- B) Spark meter
- C) Gauss gauge
- D) Ground tester

Answer Key

Testname: AEEP8_30A

1) C

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2) C

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3) B

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4) C

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5) B

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6) A

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7) D

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8) B

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9) A

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10) A

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