

Name _____

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

- 1) HEUI-type diesel fuel injection was last used by Ford in _____. 1) _____
 - A) 2006
 - B) 1993
 - C) 2014
 - D) 2012

- 2) The engine control module fails to communicate with the injection control module. Which of the following codes are likely to be set? 2) _____
 - A) P0611
 - B) U0105
 - C) P0128
 - D) Both A and B

- 3) The Ford 6.0 Liter Power Stroke engine uses the _____ diesel injector. 3) _____
 - A) HEUI-A
 - B) HEUI-B
 - C) HEUI Gen II
 - D) Common rail

- 4) On a diesel engine using HEUI-type injectors, a _____ is responsible for injection timing. 4) _____
 - A) Cam lobe
 - B) Injection pump plunger
 - C) Solenoid
 - D) Rocker arm

- 5) The injector driver module _____. 5) _____
 - A) Provides the voltage needed to operate the injectors
 - B) Controls the high-pressure oil pump
 - C) Both A and B
 - D) Neither A nor B

- 6) In a HEUI- type diesel fuel system, the _____ is responsible for injection pressures as high as 30,000 PSI. 6) _____
 - A) High-pressure pump
 - B) Common rail
 - C) Engine camshaft
 - D) Injector piston

- 7) In a HEUI-design diesel injection system, a _____ controls injection timing. 7) _____
 - A) Solenoid
 - B) Plunger
 - C) Cam
 - D) MAP sensor

- 8) Which of these HEUI injectors operates with a 20 ampere current draw? 8) _____
- A) HEUI-A
 - B) HEUI-B
 - C) HEUI Gen II
 - D) All of these operate on 48 volts
- 9) Which of these is an advantage of the HEUI system when compared to a mechanical injection system? 9) _____
- A) Thinner fuel can be used
 - B) Fuel system can more easily adjust fuel delivery
 - C) Idle speeds can be lowered
 - D) Oil change intervals can be extended
- 10) The operating voltage of a HEUI-A injector is _____. 10) _____
- A) 12 volts
 - B) 115 volts
 - C) 48 volts
 - D) None of the above

Answer Key

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1) A

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2) D

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3) C

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4) C

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5) A

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6) D

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7) A

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8) C

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9) B

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10) B

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