

Name _____

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

- 1) What type of diagnostic trouble codes will be set when an EPS system fault is detected? 1) _____
 - A) Type A code
 - B) Type B code
 - C) Type C code
 - D) Type D code

- 2) Two technicians are discussing electric power steering (EPS) systems. Technician A says that some systems operate on 12 volts. Technician B says that some systems operate on 42 volts, such as on some hybrid electric vehicles. 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) Self-park systems use what sensors and EPS to achieve the parking maneuver? 3) _____
 - A) Wheel speed sensors (WSS)
 - B) Steering wheel position sensor
 - C) Ultrasonic sensors
 - D) All of the above

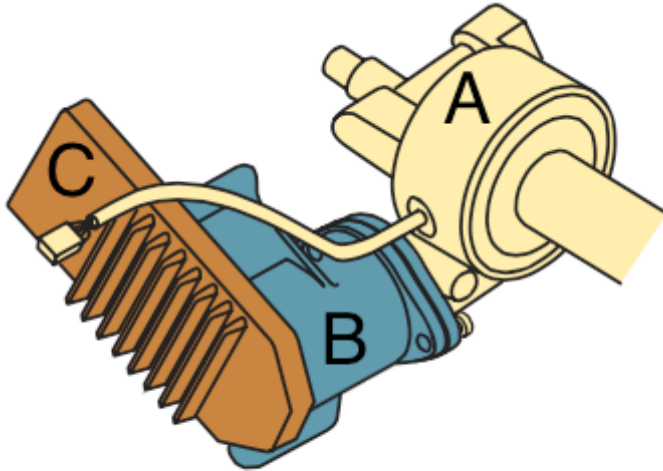
- 4) The power steering control module will enter a self protection mode in the case of a(n) _____ condition. 4) _____
 - A) high temperature
 - B) strong cross-wind
 - C) low tire pressure
 - D) icing

- 5) What diagnostic equipment is usually needed to diagnose faults or relearn the electric power steering system? 5) _____
 - A) Special electronic diagnostic equipment designed to test each specific system
 - B) Factory or factory-level scan tool
 - C) A breakout box
 - D) A 12-volt test light

- 6) Electro-hydraulic power steering systems use _____. 6) _____
 - A) an electric motor to power a hydraulic pump
 - B) a conventional hydraulic power steering gear
 - C) an engine-driven hydraulic power steering pump and an electric motor steering gear
 - D) Both A and B

7) Which of these contains the electric power steering system torque sensor?

7) _____



- A) A
- B) B
- C) C
- D) None of these

8) The two basic types of electric power steering include _____.

8) _____

- A) engine mounted and column mounted
- B) column mounted and rack mounted
- C) electro-hydraulic and rack mounted
- D) engine driven and battery powered

9) The advantages of electric power steering compared to hydraulic power steering include _____.

9) _____

- A) less weight
- B) improved fuel economy
- C) increased usable engine power
- D) All of the above

10) The electro-hydraulic power steering pump provides hydraulic power to the steering gear and _____.

10) _____

- A) brake booster
- B) valve lifters
- C) cooling fan clutch
- D) hydraulic level control system

Answer Key

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- 1) C
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- 2) C
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- 3) D
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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) B
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- 9) D
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- 10) A
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