

Name _____

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

- 1) A Hydro-Boost unit uses the power steering pump as a source of power. 1) _____
A) True
B) False

- 2) A hydraulically operated booster unit stores fluid under pressure by means of a(n) _____. 2) _____
A) boost piston
B) pressure chamber
C) actuator
D) accumulator

- 3) The first step in diagnosing a Hydro-Boost problem is _____. 3) _____
A) a pressure test of the pump
B) a volume test of the pump
C) to tighten the power steering drive belt
D) a thorough visual inspection

- 4) The brake assist system (BAS) is activated _____. 4) _____
A) during a panic stop
B) whenever the brakes are applied
C) only in the rain
D) only on the rear brakes

- 5) The Hydro-Boost brake booster uses what type of fluid to multiply brake pedal force? 5) _____
A) Power steering fluid
B) Brake fluid
C) Transmission fluid
D) None of these

- 6) Technician A says the vacuum supply test involves inspecting the vacuum supply hose for kinks. Technician B says the test involves checking the level of vacuum supplied by the engine or vacuum pump. Which technician is correct? 6) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

- 7) An accumulator, such as that used on hydraulic brake boosters _____. 7) _____
A) reduces brake pedal noise
B) provides higher force being fed back to the driver's foot
C) provides a reserve in the event of a failure
D) works against engine vacuum

- 8) Which of these could be caused by an improperly adjusted booster pushrod? 8) _____
- A) Brakes to overheat
 - B) A soft pedal
 - C) A low pedal
 - D) None of these
- 9) To provide the driver with a sense of "feel" during braking, vacuum boosters use a _____. 9) _____
- A) pressure restrictor
 - B) diaphragm spacer
 - C) return spring
 - D) vacuum diverter
- 10) Technician A says when the brakes are applied in a vacuum booster, the vacuum control valve is closed. Technician B says the vacuum control valve is opened. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

Answer Key

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1) A

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2) D

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3) D

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4) A

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5) A

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6) C

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7) C

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8) A

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9) C

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10) A

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