Automotive Technology 6th Edition	1
Quiz 109B	

Name	

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

 A) feeler gauge B) variable gauge C) either A or B D) neither A nor B 2) If the engine stops running, what is the most likely to occur if the vehicle is equipped with a 2)	
C) either A or B D) neither A nor B	
D) neither A nor B	
2) If the engine stops running, what is the most likely to occur if the vehicle is equipped with a 2)	
Hydro-Boost power brake system?	
A) Normal braking using the accumulator pressure	
B) Greatly reduced braking distance but a normal feeling brake pedal	
C) A high and hard brake pedal	
D) A low and spongy brake pedal	



- A) Check valve
- B) Vacuum elbow
- C) Vacuum sensor
- D) Fluid plug

4) Which of these could be caused by an improperly adjusted booster pushrod?	4)
A) Brakes to overheat	
B) A soft pedal	
C) A low pedal	
D) None of these	
5) A defective vacuum brake booster will cause a	5)
A) hard brake pedal	
B) soft (spongy) brake pedal	

- C) low brake pedal
- D) slight hiss noise when the brake pedal is depressed

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 6) 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? A) Technician A only B) Technician B only C) Both technicians D) Neither technician 	6)
 7) To provide the driver with a sense of "feel" during braking, vacuum boosters use a A) pressure restrictor B) diaphragm spacer C) return spring D) vacuum diverter 	7)
 8) The booster operation test determines if the booster is A) receiving adequate vacuum B) creating brake application force C) both A and B D) neither A nor B 	8)
 9) An accumulator, such as that used on hydraulic brake boosters 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 	9)
 10) A hydraulically operated booster unit stores fluid under pressure by means of a(n) A) boost piston B) pressure chamber C) actuator 	10)

D) accumulator

Answer Key Testname: AT6_109B

> 1) B Page Ref: 1300 2) A Page Ref: 1302 3) A Page Ref: 1296 4) A Page Ref: 1300 5) A Page Ref: 1298 6) A Page Ref: 1297 7) C Page Ref: 1297 8) C Page Ref: 1298 9) C Page Ref: 1302 10) D Page Ref: 1302