

Name _____

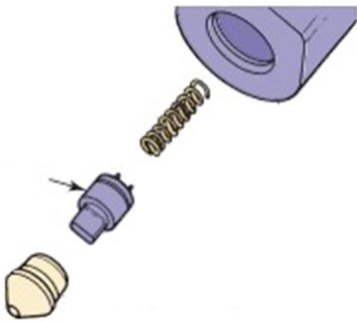
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) A typical brake pedal position sensor /switch is _____. 1) _____
A) electrically normally open
B) electrically normally closed
C) checked using an ammeter
D) checked using a special tester

2) The ratio of front to rear hydraulic system pressure supplied to the rear brakes by the proportioning valve is called _____. 2) _____
A) slope
B) split point
C) limit point
D) pressure limit

3) The metering valve delays front brake action. 3) _____
A) True
B) False

4) Identify the valve shown (arrow). 4) _____



- A) Residual check valve
- B) Metering valve
- C) Proportioning valve
- D) Take-up valve

5) Dual braking systems sometimes use a fluid level switch in place of a pressure differential switch. 5) _____
A) True
B) False

6) The metering valve blocks fluid flow to the front brakes when pressure reaches 75 to 125 psi. 6) _____
A) True
B) False

- 7) Technician A says that the red brake warning light can be turned on if a difference in pressure is detected by the pressure differential switch. Technician B says that the red brake warning light can be turned on if the brake fluid level sensor detected low brake fluid level. Which technician is correct? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 8) Which of these is a three-wire sensor, used by the electronic stability control (ESC) system? 8) _____
- A) Metering valve
 - B) Brake switch
 - C) ESC sensor
 - D) Brake pedal position sensor
- 9) A visual inspection of the metering valve includes _____. 9) _____
- A) inspection for excessive leakage
 - B) verifying that the valve stem moves when the brakes are applied
 - C) both A and B
 - D) neither A nor B
- 10) The rear brakes lock up during hard braking. Technician A says the metering valve could be the cause. Technician B says that a defective proportioning valve could be the cause. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician