Automotive Technology 7th Edition
Chapter 95: Brake Hydraulic Systems
Short Answer Quiz

Name: _____ Date: _____

1. Explain how the noncompressibility of liquids is utilized in brake systems.

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2. State Pascal's law and describe its relevance to hydraulic brake systems.

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3. Describe the function and operation of master cylinders in brake hydraulic systems.

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4. Discuss the process of diagnosing and troubleshooting issues with master cylinders.

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5. Explain the roles of different valves and switches in the brake hydraulic system, such as the fluid level switch, proportioning valve, and metering valve.

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6. Define electronic brake proportioning (EBP) and its function within the braking system.

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7. List the components that are typically included in a combination valve and their purposes.

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8. Describe the process and importance of bench bleeding a master cylinder before installation.

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9. Explain the significance of the brake pedal reserve distance and how it is tested.

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10. Discuss the implications of air contamination in a hydraulic system and how it affects brake operation.

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