

Manual Drivetrains and Axles 9th Edition

Chapter 4

Multiple Choice Quiz B

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. What is the primary fluid used in most hydraulic clutch systems?
  - A. Engine Oil
  - B. DOT 3 Brake Fluid
  - C. Transmission Fluid
  - D. Coolant
  
2. How is clutch pedal free travel typically measured?
  - A. With a ruler
  - B. By feeling
  - C. Using a caliper
  - D. With a pressure gauge
  
3. What does excessive free travel in a clutch pedal usually indicate?
  - A. Overfilled fluid
  - B. Clutch engagement issue
  - C. Proper clutch operation
  - D. Low fluid level
  
4. In a hydraulic clutch, what is a common method for bleeding the system?
  - A. Vacuum bleeding
  - B. Pressure bleeding
  - C. Gravity bleeding
  - D. Reverse bleeding
  
5. What is an indication of a clutch system needing preventive maintenance?
  - A. High fluid level
  - B. Proper clutch pedal free travel
  - C. Decreased fluid level
  - D. Excessive slippage
  
6. What is a critical check during clutch replacement?
  - A. Brake fluid level
  - B. Tire pressure
  - C. Flywheel condition
  - D. Engine oil level
  
7. What is the purpose of a pilot bearing in a clutch system?
  - A. To assist in gear shifting
  - B. To support the transmission input shaft
  - C. To increase clutch pedal resistance
  - D. To reduce fluid leakage

8. What could be a sign of a failing clutch hydraulic system?

- A. Soft clutch pedal
- B. Increased fuel efficiency
- C. Loud engine noise
- D. Reduced brake performance

9. Which component is not typically replaced during a standard clutch job?

- A. Clutch disc
- B. Pressure plate
- C. Release bearing
- D. Radiator

10. How can you measure flywheel face or axial runout?

- A. With a torque wrench
- B. Using a dial indicator
- C. With a ruler
- D. By visual inspection

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Answer Key

1. B

2. A

3. D

4. C

5. D

6. C

7. B

8. A

9. D

10. B