

Manual Drivetrains and Axles 9th Edition

Chapter 4

Multiple Choice Quiz A

Name: _____ Date: _____

1. What is a common indication of clutch problems?
 - A. Excessive slippage
 - B. Unusual noise
 - C. Grab and chatter
 - D. All of the above

2. What is typically required in a typical clutch job?
 - A. Reuse of the release bearing
 - B. Replacement of the side mounted pressure plate
 - C. Replacement of the pilot bearing
 - D. All of the above

3. What should be checked whenever replacing a clutch?
 - A. The flywheel
 - B. The bell housing
 - C. Clutch disc alignment
 - D. Both A and B

4. What is the limit for bore runout in a bell housing?
 - A. 0.010 inch (0.25 mm)
 - B. 0.015 inch (0.38 mm)
 - C. 0.020 inch (0.5 mm)
 - D. 0.025 inch (0.63 mm)

5. What is the proper method for measuring clutch disc facing thickness?
 - A. Using a micrometer
 - B. Using a vernier caliper
 - C. Using a ruler
 - D. Using a dial caliper

6. What is the first step in major service work on a clutch system?
 - A. Disconnecting the negative battery cable
 - B. Checking the clutch fluid level
 - C. Inspecting the clutch pedal free travel
 - D. Removing the transmission assembly

7. What is a symptom of excessive clutch pedal free travel?
 - A. Clutch not releasing completely
 - B. Clutch engaging too quickly
 - C. Increased clutch pedal effort
 - D. Clutch slipping

8. What is used to align the clutch disc during installation?
- A. A commercial clutch disc alignment tool
 - B. An old transmission shaft
 - C. A plastic dummy transmission shaft
 - D. Any of the above
9. What is the recommended bolt grade for mounting a pressure plate?
- A. Grade 6
 - B. Grade 7
 - C. Grade 8
 - D. Grade 9
10. What is a crucial step when installing a new clutch kit?
- A. Tightening the mounting bolts at least two times
 - B. Lubricating the clutch disc
 - C. Aligning the clutch disc to the pilot bearing
 - D. Checking the clutch fluid level

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Answer Key

1. D

2. C

3. D

4. A

5. B

6. A

7. A

8. D

9. C

10. A