

Automatic Transmissions and Transaxles 8<sup>th</sup> Edition

Chapter 17

Multiple Choice Quiz A

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

1. What is the primary purpose of a transmission identification number on the side of the unit?
  - A. To determine the correct fluid type
  - B. To assist in troubleshooting
  - C. To identify the correct parts for ordering
  - D. To verify the warranty status
  
2. When removing a transaxle, what is a critical safety precaution regarding the torque converter?
  - A. Ensuring it is aligned with the pump
  - B. Preventing it from sliding off its splines
  - C. Checking for leaks
  - D. Verifying its rotational balance
  
3. What is included in a "master kit" for automatic transmission parts?
  - A. Only gaskets and seals
  - B. Bearings and bushings
  - C. Solenoids and wiring harness
  - D. Friction and steel clutch plates, plus an overhaul kit
  
4. What is the recommended tool for removing a transmission pump?
  - A. A chain
  - B. Slide hammers
  - C. Steering wheel puller
  - D. A hydraulic press
  
5. What is the difference between "hard parts" and "soft parts" in transmission repair?
  - A. Hard parts are external, soft parts are internal
  - B. Hard parts are reusable, soft parts are disposable
  - C. Hard parts include major components like pumps, soft parts include gaskets and seals
  - D. Hard parts are metal, soft parts are plastic or rubber
  
6. What is the purpose of using a dial indicator during transmission disassembly?
  - A. To measure fluid pressure
  - B. To check end play
  - C. To align gears
  - D. To determine torque specifications
  
7. What does a "banner kit" typically include for transmission overhaul?
  - A. Only friction clutch plates
  - B. Bearings and bushings
  - C. An overhaul kit plus the friction clutch plates
  - D. A complete set of solenoids

8. What is a key consideration when choosing a replacement transmission/transaxle?

- A. Color and finish
- B. Weight and size
- C. Age and mileage
- D. Brand and model compatibility

9. What is typically involved in an automatic transmission overhaul?

- A. Replacement of all gaskets and seals, friction materials, worn bushings, and cleaning/inspection of planetary gears
- B. Only external cleaning and fluid change
- C. Software update and electrical testing
- D. Replacement of the torque converter and valve body

10. What is the first step usually specified by vehicle manufacturers when removing an automatic transmission (rear-wheel drive) from the vehicle?

- A. Remove the driveshaft
- B. Remove the torque converter inspection cover
- C. Disconnect the negative battery cable
- D. Hoist the vehicle

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Answer Key

1. C

2. B

3. D

4. B

5. C

6. B

7. C

8. D

9. A

10. A