

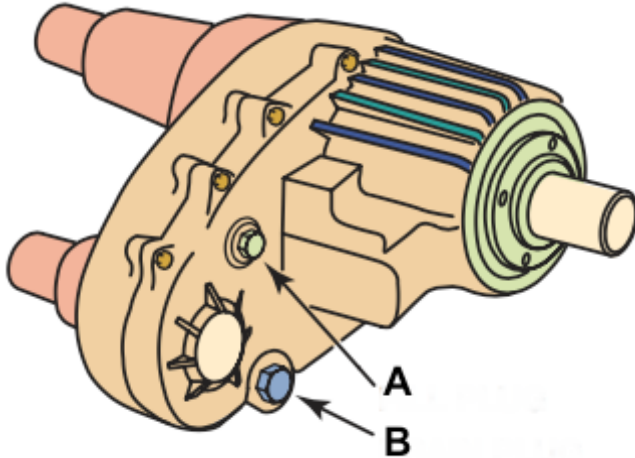
Name _____

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

- 1) Electronic transfer cases use what type of motor? 1) _____
A) AC synchronous
B) DC motor
C) Stepper motor
D) AC induction motor
- 2) Technician A uses a torch to free a seized aluminum drain plug from a magnesium transfer case. Technician B uses a hot air device to free a seized aluminum drain plug from a magnesium transfer case. Which technician is correct? 2) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 3) The lubricant in a transfer case is being checked. Technician A says that the lubricant level should be at the bottom of the filler hole. Technician B says that all transfer cases use ATF for lubricant. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 4) Transfer case binding or driveline windup can occur when _____. 4) _____
A) Driving an AWD vehicle on dry pavement
B) Unequal tire sizes are used on a full time four-wheel-drive vehicle
C) Driving a part-time four-wheel drive vehicle on dirt, mud or snow
D) Driving a four wheel drive vehicle in two wheel drive
- 5) If the transfer case fluid level is low, why should the technician also check the level of the automatic transmission? 5) _____
A) The two use the same oil pan
B) The two both used ATF
C) There may be a leaking double lip seal between the two units
D) The fluid levels are checked using the same access plug

6) Which of these is used to check the fluid level?

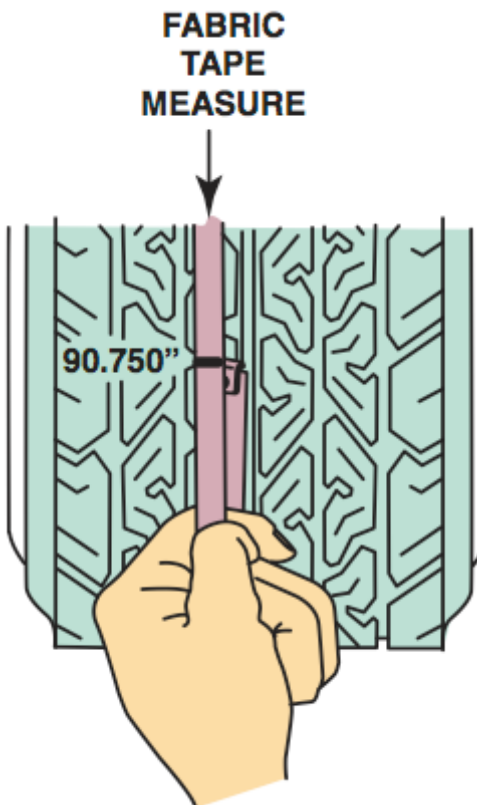
6) _____



- A) A
- B) B
- C) Either A or B can be used
- D) Both must be removed to check the fluid level

7) What is the technician doing in this picture?

7) _____



- A) Checking the tire tread for wear
- B) Measuring tire diameter
- C) Measuring tire circumference
- D) Checking for tire alignment

- 8) Which of the following is TRUE regarding driveline wind-up? 8) _____
- A) It can cause a hop of the front or rear tires when driving in 4WD mode on dry pavement
 - B) It can be corrected by lifting the vehicle off the ground
 - C) It can cause delay in shifting out of 4WD in electronically controlled systems
 - D) All of these are correct
- 9) Which of the following is TRUE regarding front hub removal? 9) _____
- A) Some front hubs are removed simply by removing the bolts and sliding the hub off the axle
 - B) Some front hubs require partial disassembly to remove a retaining snap ring
 - C) Some front hubs are fully enclosed with the wheel bearings and locking mechanism
 - D) All of these are correct
- 10) Transfer case overhaul includes _____. 10) _____
- A) Gear inspection
 - B) Bearing inspection
 - C) Bearing clearance adjustment
 - D) All of these are correct

Answer Key

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1) B

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2) B

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3) A

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4) B

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5) C

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6) A

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7) C

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8) D

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9) D

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10) D

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