

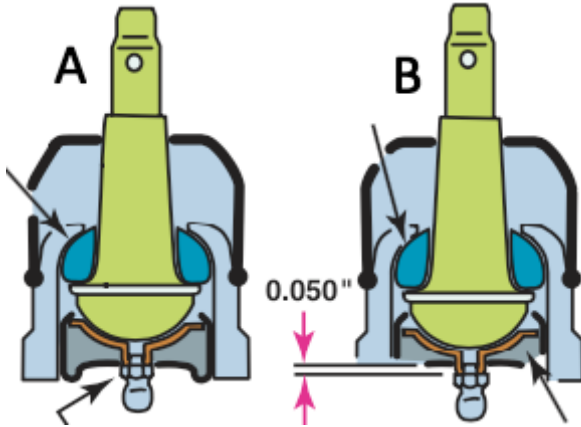
Name _____

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

- 1) Before the strut insert can be removed from a typical MacPherson strut assembly, which operation is necessary to prevent possible personal injury? 1) _____
A) The brake caliper and/or brake hose should be removed from the housing.
B) The coil spring should be compressed.
C) The upper strut mounting bolts should be removed.
D) The lower attaching bolts should be removed.
- 2) To help prevent vehicle wandering on a vehicle with torsion bars, the ride height should be within _____ side to side. 2) _____
A) 0.003 in. (0.076 mm)
B) 0.050 in. (1.27 mm)
C) 0.100 in. (2.5 mm)
D) 0.125 in. (3.2 mm)
- 3) Which of the following is NOT helpful information in diagnosing a suspension problem? 3) _____
A) If the problem gets worse in warm or cold weather
B) If the problem gets worse with a warm or cold engine
C) If the problem gets worse while turning or going straight
D) All of these are helpful hints for diagnosis.
- 4) Technician A says that a MacPherson strut typically does not include the spring as part of the strut assembly. Technician B says that a modified strut typically does not include the spring as part of the strut assembly. Which technician is correct? 4) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 5) Technician A says that it is a good idea to recommend replacing upper strut bearings when replacing MacPherson struts. Technician B says that all MacPherson struts can be serviced by replacing the cartridge inside the strut assembly. Which technician is correct? 5) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 6) What should the technician do when replacing stabilizer bar links? 6) _____
A) The stabilizer bar should be removed from the vehicle before replacing the links.
B) The links can be replaced individually, yet the manufacturer often recommends that the links at both ends be replaced together.
C) The stabilizer bar must be compressed using a special tool before removing or installing stabilizer bar links.
D) Both A and C are correct

7) Which of the ball joints in this illustration is worn out and needs replacing?

7) _____



- A) A
- B) B
- C) Both are worn out.
- D) Both are OK.

8) Defective ball joints can cause all of the following problems EXCEPT _____.

8) _____

- A) loud popping or squeaking when driving over bumps
- B) shimmy-type vibration felt in the steering wheel
- C) vehicle wander on a straight road
- D) All of these can be caused by defective ball joints.

9) Technician A says that many vehicles use lower control arms with non-removable ball joints. Technician B says that heat should be used to bend a deformed suspension component within specifications. Which technician is correct?

9) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians A and B
- D) Neither technician A nor B

10) Which tool is most often used to measure suspension component free play?

10) _____

- A) Dial indicator
- B) Vernier caliper
- C) Micrometer
- D) Telescoping gauges

Answer Key

Testname: CHASSIS8_26B

1) B

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2) D

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3) D

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4) B

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5) A

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6) B

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7) A

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8) D

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9) A

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10) A

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