

Name: _____ Date: _____

1. Light-duty trucks use a solid rear axle that is attached to _____ with U-bolts.
 - A. Struts
 - B. Coil springs
 - C. Torsion bars
 - D. Leaf springs

2. When axle windup is controlled by the rear leaf spring during acceleration, this system is called _____.
 - A. Trailing arm
 - B. Semi-trailing arm
 - C. Torque arm
 - D. Hotchkiss drive

3. Independent rear suspension (IRS) is being discussed. Technician A says that most trucks use this system. Technician B says IRS is used on many front-wheel-drive vehicles. Which technician is correct?
 - A. Technician A only
 - B. Technician B only
 - C. Both Technicians A and B
 - D. Neither Technician A nor B

4. A track rod is also called a _____.
 - A. Panhard rod
 - B. Control rod
 - C. Handling link
 - D. Semi-independent rod

5. A semi-trailing arm rear suspension uses _____.
 - A. Coil springs
 - B. Air springs
 - C. Struts
 - D. Any of the above

6. During a visual inspection of the rear suspension, the service technician should check for _____.
 - A. Witness marks
 - B. Cracked rubber bushings
 - C. Damaged bump stops
 - D. All of the above

7. A vehicle equipped with a coil spring front suspension and a leaf spring rear suspension “dog tracks” while driving on a straight, level road. Technician A says that a broken center bolt could be the cause. Technician B says defective rear shock absorbers could be the cause. Which technician is correct?

- A. Technician A only
- B. Technician B only
- C. Both Technicians A and B
- D. Neither Technician A nor B

8. Two technicians are discussing rear shock absorbers. Technician A says that if one shock is leaking, then both rear shock absorbers should be replaced. Technician B says that the rear axle should be supported before removing rear shock absorbers. Which technician is correct?

- A. Technician A only
- B. Technician B only
- C. Both Technicians A and B
- D. Neither Technician A nor B

9. The left front of the vehicle is higher than the right front and the right rear is lower than the left rear. What is the most likely cause of this problem?

- A. A weak right-rear shock absorber
- B. A broken track rod
- C. A broken left-front shock absorber
- D. A sagging right-rear spring

10. One rear leaf spring is broken. Technician A says that both rear leaf springs should be replaced. Technician B says the rear axle should be removed from the vehicle to replace a leaf spring. Which technician is correct?

- A. Technician A only
- B. Technician B only
- C. Both Technicians A and B
- D. Neither Technician A nor B

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Chapter 113

Multiple Choice Quiz A

Answer Key

1. D

2. D

3. B

4. A

5. D

6. D

7. C

8. C

9. D

10. A