

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) What are the disadvantages of a solid rear axle?

2) What is the purpose of a track rod?

3) What is meant by "dog tracking"?

4) What must be done to ensure safety when replacing the rear shock absorbers?

5) What is the purpose of a torque arm?

Answer Key

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- 1) Solid rear axles have the following disadvantages: high unsprung weight, side-to-side shock transference, and reduced tire adhesion.
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- 2) The purpose of the track rod is to keep the rear axle centered under the vehicle. The suspension may use either coil springs or struts.
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- 3) When one side of the rear axle is behind the other side, the vehicle will dog track. Dog tracking refers to the sideways angle of the vehicle while traveling straight.
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- 4) When replacing rear shock absorbers, the rear axle must be supported by tall safety standards to prevent the rear axle from dropping when the shocks are removed.
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- 5) A torque arm absorbs engine torque and reduces axle windup.
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