

Name \_\_\_\_\_

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

1) What are three common types of automotive antifriction bearings?

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2) What is the meaning of the different colors of grease?

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3) What is the adjustment procedure for a typical tapered roller wheel bearing?

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4) What are four symptoms of a defective wheel bearing?

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5) How is the rear axle removed from a C-lock-type axle?

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## Answer Key

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- 1) Three types of automotive antifriction bearings include: ball bearings, roller bearings, and tapered roller bearings.  
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- 2) Grease is colored for identification, marketing, and for consistency of color reasons.  
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- 3) The adjustment procedure for a typical tapered roller wheel bearing includes: tightening the spindle nut while rotating the wheel, then loosening the nut (while still rotating the wheel), tighten the spindle nut by hand. Loosen the nut slightly until the cotter pin can be inserted. Install the cotter pin.  
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- 4) A defective wheel bearing usually makes a sound like a noisy tire (growl or wobble). Additional symptoms include noise, vibration, and roughness felt in the steering wheel.  
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- 5) The differential cover and pinion shaft have to be removed before allowing access to the c-clip (lock), which holds the rear axle.  
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