

## Steering And Suspension Systems Study Guide Teacher

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This course will cover these steering and suspension systems in depth, and their service, as well as other aspects of steering and suspension service. Subjects covered will include: • Steering system design • Diagnosing steering system problems • Inspecting and replacing steering linkage components • Steering column inspection and repair

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The steering-arm ball-joints are arranged so that movement in the suspension does not affect steering operation. 3.2 Steering Systems. The direction of motion of a motor vehicle is controlled by a steering system. A basic steering system has 3 main parts: A steering box connected to the steering wheel.

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How Car Steering Works. When it comes to crucial automotive systems, steering is right up there with the engine and the brakes. The inner workings of this important component are pretty cool. Find out all about car steering systems.

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The efficacy of the system in the real world, however, is still a bit contentious. With its complex set of linkages and complicated setup, the hub-centred steering and suspension system is also quite expensive to produce. Another issue reported with such systems is a relative lack of feel and feedback to the rider while steering the motorcycle.

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A study of the design, operating principles and service of automotive suspension and steering systems including McPherson strut and multi-link designs, solid axle and independent systems. Tire construction, wear diagnosis and service are covered and emphasis is placed on wheel alignment procedures, including computerized four-wheel alignment.

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How Does a Car's Steering Suspension System Work? | Sun ...  
Constantly correcting the steering wheel to assist the vehicle going straight is another abnormal experience. These are just two symptoms that lead to a need for a suspension system inspection. It is routine to have your tires and suspension visually checked by a mechanic when your vehicle has its regular oil change.

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