



Audi TT Coupé '07 - Suspension System

Self-Study Programme 381

The new TT by Audi is a thoroughbred sports car. The suspension system is one of the features key to meeting this high standard. The basic TT has a conventional steel-sprung suspension - the so-called "dynamic suspension system". The new Audi magnetic ride system is optional. It is a semi-active suspension system with magneto-rheologically controlled dampers.

Sport or comfort damper settings can be selected at the touch of a button.

The S-line suspension by quattro-GmbH has been developed to meet the growing customer demand for vehicle customisation. This suspension is sportier than the dynamic suspension and reduces vehicle ride height by 10 mm.



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Audi magnetic ride

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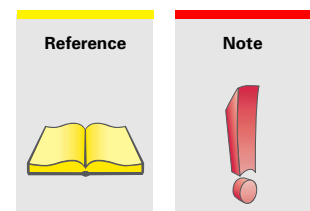
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The self-study programme teaches the design and function of new vehicle models, new automotive components or new technologies.

The self-study programme is not a repair manual!
All values given are intended as a guideline only and refer to the software version valid at the time of preparation of the SSP.

For maintenance and repair work, always refer to the current technical literature.



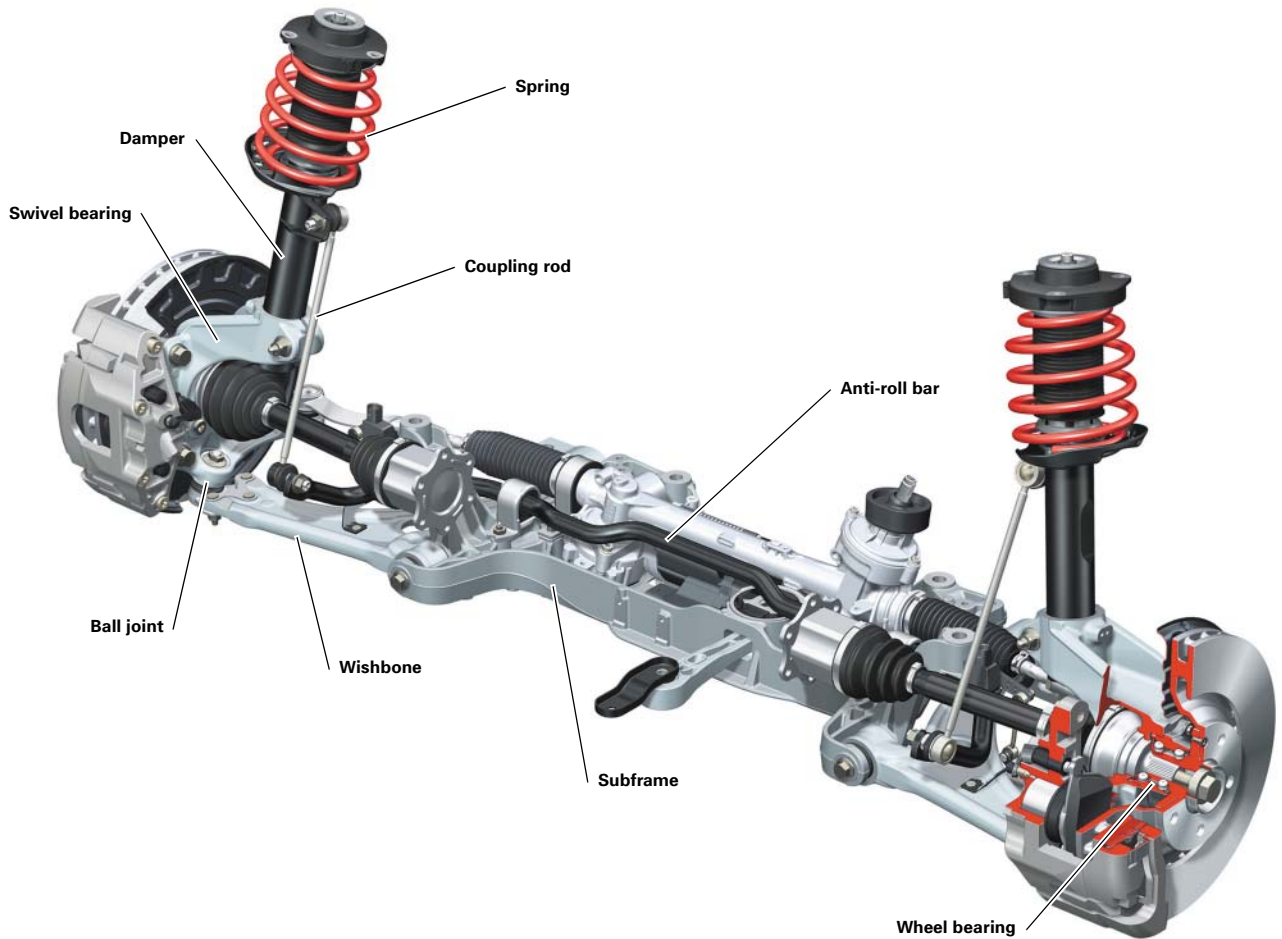
Axles

Front axle

Overview

An improved version of the McPherson suspension is employed. The design of the front axle is identical to that of the Audi A3. Track width is 13 mm wider on each side than the Audi A3.

Detail modifications have been made to reflect the particularly sporty character of the Audi TT. In addition to the tuning parts (springs, dampers and anti-roll bars), the same axle components are used in all TT suspension variants.



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