



**SERVICEINFO**

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Automotive Components

**STEERING KNUCKLE**

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## Expandable: Not every steering knuckle breaks



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Accidents with effects on the axle geometry and thus a limited steering stability as well as changed grip of the tyres cannot be seen with the naked eye.

Among the vehicle parts that are particularly affected by this are steering knuckles, which can warp. Such damage is particularly possible in the event of accidents and sometimes even unfortunate encounters of the vehicle, for example with high kerbs or potholes.

As a consequence, the axle geometry must be checked and, if necessary, axle parts replaced.

Particularly with older vehicles, the question often arises as to whether such damage can still be repaired at reasonable costs appropriate to the age of the vehicle. The answer is more and more often: Yes.



### ABNORMALITIES ON THE VEHICLE

- Limited steering stability
- Changed grip of the tyres



### CAUSE

- Collision with another vehicle
- Driving over potholes
- Driving against kerbs



### INSTALLATION NOTE

- Never heat the stub axle parts to loosen stuck screws.  
This will change the metal structure of the stub axle!
- Always check the axle geometry when replacing the stub axle and correct it if necessary.
- Check with a test drive the correct alignment of the steering wheel, as well as the steering behaviour.