

## Information on FUCHS carparts suspension springs!

FUCHS carparts has decades of experience in the development and production of high-quality suspension springs. They are made from high-quality chrome-silicon or chrome-vanadium spring steel from renowned manufacturers. Our springs are exclusively produced using the latest production options. We guarantee the consistent high quality of FUCHS carparts springs by using the most modern CNC coilers, infrared-controlled heat-treatment facilities, CNC grinders and fully automatic CNC chamfering and setting machines as well as the very latest in anti-corrosion technology.



### Please note the following information on installing the various types of springs!

The design of springs (length, coils, wire thickness etc.) for the spare parts market may deviate from that of suspension springs installed at the factory. When replaced in pairs, this has no effect on the ride height or spring properties.

Springs must always be replaced in pairs to ensure your safety and that of your vehicle. Differing ride heights and spring rates can impair handling. This often results in greater breaking distances and increased tyre wear. Springs must be installed by trained mechanics at a qualified garage. If a **single** spring is replaced on each axle, we reserve the right to reject possible complaints. Exceptions to this are material defects in the springs.



### Standard springs

The respective properties of the various springs are clearly indicated. Any application (e.g. sports suspension) that is not clearly indicated is excluded. All springs are based on the standard suspension.

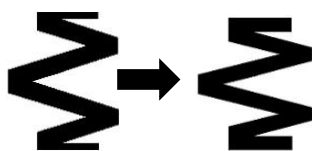
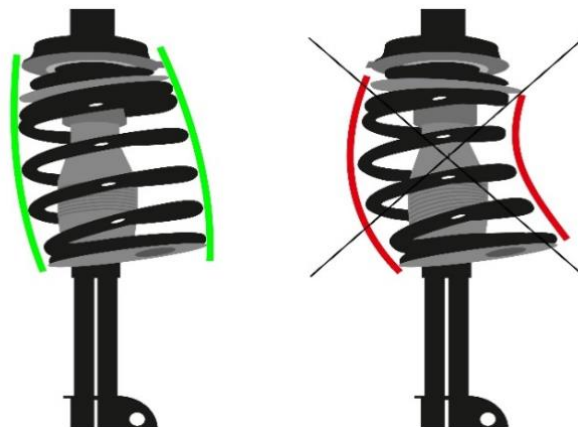


### Banana springs (Side load or C springs)

It is vital to make a note of the spring position before dismantling the strut. It is important to note which end of the installed spring points upwards - towards the strut bearing - and which points downwards - towards the shock absorber. When installing the spring, it is important that the springs' ends are positioned correctly in the spring pads.

**If springs are not installed correctly:**

- The strut bearing can be damaged
- The springs can rub against the wheelhouse
- The car may ride too high
- The service life of the shock absorber can be reduced (lateral pressure)



**Optimised miniblock springs (barrel springs)**

Optimised FUCHS carparts miniblock springs are produced from cylindrical spring steel (consistent wire diameter). They have a service life that is over three times longer than classic miniblock springs produced from conical wires with tapering cross-sections (inconsistent wire diameter). Our optimised springs look different to miniblock springs installed at the factory (length, coils, wire thickness etc). These deviations do not affect the springs' function or the ride height of the vehicle.

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**INFORMATION AND LANGUAGES!**



Your FUCHS carparts PM Team