

# Practical example

## Perfectly fitting replacement shock absorbers

With over 18,500 vehicle-specific parts in our Jakoparts product range, we supply a comprehensive portfolio of products for Japanese and Korean vehicle models. Thanks to exact parts assignment, the shock absorbers available from the Jakoparts range are a precise fit and a perfect match for each particular vehicle. Important: worn or defective shock absorbers should always be replaced for all wheels on the respective axle. Replacement of one single shock absorber will exacerbate the difference in performance and, in turn, lead to unstable handling.

1. Loosen the nuts from the top strut mounting on the suspension-strut dome to enable these to be unscrewed by hand at a later point in time. Tip: treat rusty connections in advance with an appropriate contact spray.



00:00



2. Raise the vehicle and remove the wheel.

3. Now loosen all bolts on the shock absorber and remove the full sensor system and the brake line. Depending on the age of the vehicle, it may also be advisable to use a contact spray in this case.



4. Once you have removed all the nuts and bolts from the top strut mounting, the exposed suspension strut can be removed in its entirety. Tip: depending on the design of the vehicle, the stub axle may need to be propped up in order to prevent it from falling.

5. On the removed suspension strut, mark the position of the individual strut components with a continuous line to ensure smooth re-installation.



15:00



6. In the next step, compress the suspension strut using a spring compressor. Once the spring is sufficiently compressed by the spring compressor, the nut can be loosened from the top strut mounting, and the top strut mounting can be removed together with the spring cap.

7. Remove the exposed shock absorber from the spring.



30:00



8. Ideally replace all rubber components and install these on the new shock absorber from Herth+Buss. Important: when mounting the spring cap on the suspension strut, ensure that the guide mount sits on top of the one on the shock absorber.

9. Then screw the top strut mounting and the spring cap to the shock absorber.



Tip: on older vehicles, it is also recommended to replace the top strut mounting at the same time, as this will avoid any additional work at a later point.

10. The assembled suspension strut with the replaced shock absorber can now be installed on the stub axle again. The same applies for the previously removed sensor system and brake line.



45:00



11. Finally, tighten the nuts on the top strut mounting and shock absorber fully once more. Important: it is imperative to perform an axle alignment after replacing a shock absorber, a coil spring or a top strut mounting like the ones that are also available in the Jakoparts range!