

ATTENTION!

Installation instructions strut

Please read carefully and observe!

If a hydraulic strut of the ABC system is defective, 99% of this happens due to contaminants present in the ABC system. The oil with the dirt particles ensures that plain bearings and sealing rings wear out quickly. This leads to leaks and blow sounds.

The heart of the ABC system, the hydro pump, produces metal debris and even metal shavings that enter the entire system. When installing the reconditioned or new shock absorber in poor quality hydraulic oil, it quickly recovers components of the ABC undercarriage.

The oil in the system is called hydraulic oil and has the color green. If you remove or remove your defective shocks, then check the oil color.

Green hydraulic oil is clean, brown oil is flushable and dark brown to black oil - usually with a burnt smell - must be completely removed from the system (about 15 liters).

After flushing and refilling the system (hydraulic oil A001 989 2403-10), the finer 3 micron filter must also be changed before putting the landing gear into operation (A003 184 6101).

In case of warranty, the execution of the work described above must be proven by a specialist workshop.

Now the ABC system can be put into operation. The system can be vented via the vent valves on the supply lines of the spring struts. To do this, the pressure in the expansion vessel must be between 1 - 1.5 bar.

You can use the STAR diagnosis to control the struts. There are several test options, e.g. the lifting and lowering of the stern, the front and the individual struts and the so-called Rodeotest, in which all the struts are moved cyclically. The remaining air can escape in these processes and at the same time the pressure supply of the hydraulic pump (200 bar) is tested in various working conditions.

From experience, we can say that the white or red error message in the on-board computer has not been finally eliminated after repair or replacement of the struts. The actual cause of defective struts is often the hydraulic pump, as it produces metal debris and metal chips. In most cases, you will need to have the hydraulic pump repaired or replaced to remedy the cause.



Zadow Automotive

Tel.: 033986/502480

Mail: abcteile24@icloud.com