

„Seidel“ Water tank



I chose a biological plastic tank for my water storage that is often used by producers of juice and distillates. It has a capacity of 100 litres. This is enough for about 10 days (10l / day) if the water is used economically. In cases of emergency even longer. I did not distinguish between drinking water and raw water as I do not want to be involved in such discussions as which water to use for example doing the dishes. Everything that comes out of my tap is drinking water (filtered in 3 steps). The main reason for my choice was price. A biological plastic tank costs around 100 CHF (100 USD) and is relatively simple to install. Stainless steel tanks can cost up to five times more. Also base frame tanks (under the vehicle) have considerable disadvantages (can be damaged in rough ground). In addition, plastic is flexible and adjusts to a certain degree to shocks and vibration. I also heard from stainless steel tanks that their welding seam started to leak after some time. Something that I cannot have on offroad tours. Plastic tanks have further advantages. Holes for hose and fittings can be drilled much easier than on steel tanks and it has a big opening on top for maintenance that is ideal for the annual cleaning (debris, mainly through the use of silver iodide). In case of any failure in the system, it also allows to manually scoop water from the tank. As the plastic is semi-transparent, I always see the exact water level and do not need additional measurement equipment.

So far, I am fully satisfied with my choice. The water tank is now installed in my Zebra vor several years and it never caused any problems. However, it is important that the tank does not rub against the metal cage as its wall thickness is only about 1 cm (<1/2 inch). I therefore secured the critical spots with some rubber pad. Only disadvantage is that it is installed inside the vehicle and uses considerable space. As a compensation it increases stability (middle of vehicle, low mass center).

Unfortunately I haven't found any provider of the tank in the Internet but some do-it-yourself shops carry this article regularly in autumn (e.g. „Coop Bau und Hobby“).