

## FAQs to the singletrailer:

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### 1. Who needs the singletrailer?

The singletrailer is for all active cyclists with a kid (s); Whether it be a mountain bike, road bike or touring. It is the only trailer on the market that is really suited for unpaved and off-road terrain. It can be used on long mountain bike tours as well as touring trips of several days to transport a child. In addition to the more active pursuits you can also use the singletrailer for a trip out shopping.

### 2. What ages is the singletrailer suitable for?

There can no general statement be made with regards to a child's age. Some customers have the singletrailer (with a baby seat) only a few months after birth, others wait 12 months and beyond. In any case, the singletrailer suspension is so soft and active that vibrations play no roll (curbs with 20 km/h are no problem). Kids can sit in the singletrailer up to approximately 5 years, but the maximum weight of 25kg is the limiting factor.

### 3. How well is the child protected if I crash with the singletrailer?

A child should always wear a helmet in the singletrailer. Nevertheless, the frame is designed for optimal protection. In quite bad accidents the singletrailer can bend and tear the cover. However, the child inside is extremely well protected, due to some give in the frame.

### 4. Why is the singletrailer attached to the seat post and not to the back wheel?

When a trailer is mounted to the back wheel it has better breaking and turning qualities, but this is not so relevant with a full suspended trailer. The back wheel hub absorbs all the bumps, so only the rear part of the trailer would be really suspended; this is not the ideal regarding riding comfort and safety. This signifies that by attaching a trailer to the rear axle of a full suspended bike, the suspension performance of the bike drastically decreases. In addition, the loads on the joint and bearings are significantly higher by a trailer attached to the back wheel.

However, there is still a much bigger problem highlighted in numerous prototype tests:

With the relatively high center of gravity of the child in the trailer (the child sits upright in singletrailer) and the long suspension travel of the singletrailer, the "BOB-style" clutch rides exceptionally badly. It is barely possible, especially on steep climbs, to hold the balance. In difficult riding situations it can affect the rider fatally. Therefore, it was clear after the first test rides that the singletrailer must attached to the seat post.

## **5. Why is the singletrailer so expensive?**

The high price comes from our use of the best quality components, the costly construction, the high-quality processing and the security equipment. The manufacture expenses of the singletrailer are clearly bigger than with a bicycle, as it requires substantially more welds. A very robust cover from [Cordura](#), a top Class suspension shock and a proper child seat are used. Tout terrain wants to ensure that your child is comfortable seated and the protection is paramount; so we will not compromise and save on the materials used.

## **6. Can you use the singletrailer later as baggage trailer and what is the trade-in value of the singletrailer?**

Yes. The singletrailer may also double as a baggage trailer. After dismantling the seat you have a baggage trailer which over other baggage trailers will already offer excellent rain protection for your baggage.

Because the children of the first "singletrailer generation" have grown out the singletrailer, there are used singletrailers offered sporadically. Second hand singletrailers have seen to be reaching a price of 1,200 €.

## **7. Is it difficultly to ride with singletrailer?**

Quite clearly, a trailer always needs getting used to. A beginner should not use the singletrailer in off-road terrain, because this can become dangerous for the rider and child due to a lack of experience. The singletrailer absorbs almost all bumps and leaves only in narrow curves the track of behind the bicycle. We have mastered some difficult issues uncovered in tests, but you still have to pay special attention to steps in diagonal positions where there is a risk that the trailer does touch down properly. At right angles you can drive down steps up to 30 cm, depending on the height the trailer is mounted to the seat post. You also need to bear in mind that the braking distance, with trailer, is increased.

## **8. Can you use the singletrailer on any bicycle?**

Yes, at least to bikes which have a seat post. We manufacture the clutch in different sizes to suit your seat post diameter. Besides this, we take into consideration the seat tube angle to optimize the steering geometry of the trailer. However, the singletrailer may NOT be used with CARBON-OR LIGHTWEIGHT CONSTRUCTION SEATPOSTS.

## **9. Can the singletrailer be repaired after a crash?**

In general damages to the cage or to the cover of the singletrailer can be repaired or replaced.

## **10. Does the singletrailer also work on unsuspended bicycles?**

Yes, however, the ride comfort of the child in the singletrailer is not as good as with a full suspended bike, but is still much better as in unsuspended trailers.

## **11. Do I need to set up my full suspension bike differently if I use the singletrailer?**

Normally not. With a 15 kg child the whole trailer weight amounts to approx. 25 kg, where approx. 25-30% lie on the bicycle, thus approx. 8 kg. This is usually tolerable, particularly as you cannot go as fast with a trailer attached.

## **12. Do baby shells/seats (Weber, Chariot etc.) also fit in singletrailer?**

tout terrain offers the Weber baby seat as an accessory. The baby seat of Chariot has also turned out to be very practicable. These can be used, without removing the seat. Feedback from current customers have told us that the "baby safe" fits also in the singletrailer, but the seat out has to be unscrewed.

## **13. Does the singletrailer have a break?**

No, the singletrailer needs to be slowed down by the brakes of the pulling bike.

## **14. Are there rebuilding modules for singletrailer?**

The singletrailer is continuously in development by us. As soon as an extension from tout terrain is available, you can find it under [www.tout-terrain.de](http://www.tout-terrain.de)