

## FAQs for the Mule luggage trailer:

- 1. For whom is the Mule suitable?**
- 2. Why does the Mule have two different shock positions?**
- 3. Why is the Mule attached to the seat post and not to the back wheel?**
- 4. Can the Mule be attached to every bicycle?**
- 5. Why does the Mule have a 20" wheel?**
- 6. Does the Mule also work with unsuspended bicycles?**
- 7. Do I need to tune my full-suspension bike differently when riding with the Mule?**
- 8. Can the Mule be repaired after an accident?**

### **1. For whom is suitable of the Mule?**

The Mule is suitable for cyclists who want to transport luggage with a mountain bike or touring bicycle. Because the mule has different suspension settings it is suited equally for off road and street applications.

### **2. Why does the Mule have two different shock positions?**

It has two different suspension settings which tune the ride depending on the usage. In the street application a low center of gravity is vital. As there are no big obstacles like steps the reduced suspension makes sense. When off-road obstacles like roots, rocks and steps must be passed the ground clearance is very important, therefore the larger travel option is used.

### **3. Why is the Mule attached to the seatpost and not to the back wheel?**

The advantage of the connection in the back wheel hub, namely better brake behavior and narrower turning circle, is qualified with a suspended trailer: Because the back wheel hub is unsprung, only the rear part of the trailer is properly suspended which is not ideal with regard to ride comfort and handling. This means that by the connection of a trailer to the rear axle of a full suspended bike, the suspension performance of the wheel drastically decreases. Moreover, there are loads on the joints and bearing that much higher with a trailer connected to the rear axle.

### **4. Can be hung of the Mule on every bicycle?**

Yes, at least to every bike which has a seat post. We make the coupling in sizes to suit all seat posts. THE MULE TRAILER IS NOT TO BE FITTED TO CARBON OR ULTRA LIGHTWEIGHT SEAT POSTS.

### **5. Why does the Mule have a 20" wheel?**

Due to the bigger circumference 20" wheel rolls much better than smaller wheels. The little bigger packaging size can be accepted, because the advantages while riding are significant. Furthermore the worldwide availability of spare parts is clearly better than with 18" or even smaller tires.

### **6. Does the Mule also work with unsuspended bicycles?**

Yes, indeed, the ride comfort is not as good as with a full suspended bike. The driving behavior is still much better than with unsuspended trailer, because the wheel of the trailer rolls smoothly over the obstacles.

### **7. Do I need to tune my full-suspension bike differently when riding with the Mule?**

Normally not. With a cargo load of 25 kg the whole trailer weighs approx. 30 kg, and only approx. 25-30% of this weight act upon the bike - so around 10 kg. This extra weight should not greatly affect the suspension.

### **8. Can the Mule be repaired after an accident?**

As a rule damages to the frame of the Mules can be repaired or replaced.