

Thank you for deciding to buy your new suspension seatpost from our company.

! Please check the 'Level' number on the seatpost against the adjacent table to make sure that the seatpost is suitable for the intended purpose.

! Before fitting the seatpost make sure that it is suitable for the maximum permitted overall weight of the bike. You will find the relevant information in the product description, or it can be obtained from the bicycle manufacturer.

! Before using the product please read the following assembly and safety instructions carefully. Keep these instructions in a safe place and if necessary pass them on to the next owner.

Assembly

Assembly and fitting require the relevant technical knowledge and skills. If you do not have these, please contact a specialist bicycle dealer.

■ Before assembly please check that the outer diameter of the seatpost (27.2 mm) matches the inner diameter of the seat tube.

■ If the clamping area of the seat tube is bigger, you can modify the diameter with the appropriate seatpost adapter (min. length 80 mm). For safety reasons we recommend the use of original Humpert seatpost adapters, which are available from specialist bicycle dealers.

! The end of the seat tube must be free from burrs, otherwise there is a risk of breaking!

■ Before the seatpost is inserted the clamping area of the seat tube should always be treated with water-resistant grease, because otherwise corrosion could make subsequent modification of the seating height difficult.

■ Now you insert the seatpost into the seat tube.

! For safety reasons the seatpost must be inserted into the seat tube at least to the depth which is marked (100 mm), unless the bicycle manufacturer has specified greater insertion depth. Please refer to the user information provided by the bicycle manufacturer.

■ In order to fix the seatpost within the frame, you first tighten the seatpost clamping screw or the quick release mechanism to the tightness specified by the bicycle manufacturer.

■ Before fitting the saddle please check that the seatpost and the saddle are compatible.

■ Now you place the frame of the saddle into the two guide grooves of the saddle clamp.

■ You then adjust the position of the saddle to your requirements.

■ Now you tighten the seatpost clamping screws **A** with a 5 mm hexagonal key to a tightness value of 12 Nm.

Adjustment

You can adjust the suspension individually to your bodyweight, style of riding or the road conditions.

■ For this purpose you sit on the saddle. With the right setting the seatpost should compress approx. 20 % of the suspension travel (approx. 15 mm).

■ For a harder suspension you turn the setting nut **B** at the base of the seatpost in a clockwise direction, and for a softer setting in an anti-clockwise direction.

If the standard setting is not suitable for you, a specialist bicycle dealer will be able to provide you with an appropriate elastomer, which we provide in three different hardness levels:

up to 60 kg / Art.No. 06056000 und 85-100 kg / Art.No. 06058000

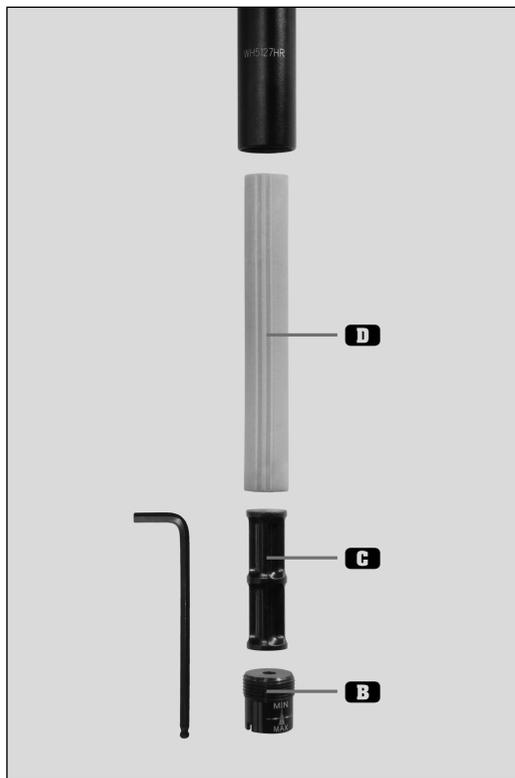
■ In order to replace the elastomer, you release the seatpost clamping screw or the quick-release mechanism.

■ Now you draw the seatpost out of the seat tube.

■ Turn the setting nut **B** out of the seatpost in an anti-clockwise direction.

■ You can now remove the spacer **C** and the elastomer **D**.

■ Assembly is implemented in the reverse sequence.



Maintenance

In order to ensure a high level of performance, safety and product life, maintenance should be carried out every approx. 200 operating hours, or at least once a year.

Greasing the bearings

■ Carefully clean the whole of the sliding tube **E** with a biologically degradable cleaning agent.

■ After that you grease the entire sliding tube **E** with an acid-free grease (obtainable from bicycle dealers).

! Always use acid-free grease, because otherwise the elastomer could be chemically modified or destroyed.

Safety instructions

The tightening value of the screws should be checked after approx. 500 km and then as part of the regular service, but at least once a year.

! This seatpost is not suitable for competitions. The extreme stresses could lead to breakage.

! You should not attach any additional equipment such as a child's seat, luggage rack or trailer to the seatpost. This could lead to excessive strain and as a result to the breaking of the seatpost.

! In order to avoid a fall or an accident, the seatpost must always be replaced if it is damaged in any way.


 Lenksystem
Steering system

 Sattelstütze
Seatpost


Mountain-Bike/Race-Bike

Safety Level

	max. 100 kg	max. 100 kg	1	2	3	4	5	6
	max. 120 kg	max. 120 kg	1	2	3	4	5	6
E-BIKE	max. 100 kg	max. 100 kg	1	2	3	4	5	6
E-BIKE 25 km/h + 45 km/h	max. 120 kg	max. 120 kg	1	2	3	4	5	6

Trekking-Bike

Safety Level

	max. 100 kg	max. 100 kg	1	2	3	4	5	6
	max. 120 kg	max. 120 kg	1	2	3	4	5	6
	max. 140 kg	max. 140 kg	1	2	3	4	5	6
	max. 160 kg	max. 160 kg	1	2	3	4	5	6
E-BIKE 25 km/h	max. 140 kg	max. 100 kg	1	2	3	4	5	6
E-BIKE 25 km/h	max. 160 kg	max. 140 kg	1	2	3	4	5	6
E-BIKE 45 km/h*	max. 140 kg	max. 140 kg	1	2	3	4	5	6
E-BIKE 45 km/h*	max. 160 kg	max. 140 kg	1	2	3	4	5	6

City-Bike

Safety Level

	max. 100 kg	max. 100 kg	1	2	3	4	5	6
	max. 120 kg	max. 120 kg	1	2	3	4	5	6
	max. 140 kg	max. 140 kg	1	2	3	4	5	6
	max. 160 kg	max. 160 kg	1	2	3	4	5	6
	max. 180 kg	max. 180 kg	1	2	3	4	5	6
E-BIKE 25 km/h	max. 140 kg	max. 100 kg	1	2	3	4	5	6
E-BIKE 25 km/h	max. 160 kg	max. 140 kg	1	2	3	4	5	6
E-BIKE 25 km/h	max. 180 kg	max. 160 kg	1	2	3	4	5	6
E-BIKE 45 km/h*	max. 140 kg	max. 140 kg	1	2	3	4	5	6
E-BIKE 45 km/h*	max. 160 kg	max. 140 kg	1	2	3	4	5	6

Jugend/Young adult

Safety Level

	max. 100 kg	max. 100 kg	1	2	3	4	5	6
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Kinderrad/Youth-Bike

Safety Level

12"-24"	1	2	3	4	5	6
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The product classification of the ergotec Safety Level corresponds to the DIN EN ISO 4210 norm for bikes and DIN EN 15194 for e-bikes. E-bike-type: pedal assist up to the indicated speed.

* Retrofitting only with the approval of a recognised certifying body and entry in the documents for the bike.

Guarantee

For **ergotec suspension seat posts** the following guarantee periods apply:

- with safety level 6 **6 years or 35,000 km**
- with safety level 5 **5 years or 30,000 km**
- with safety level 4 **4 years or 25,000 km**
- with safety level 3 **3 years or 20,000 km**
- with safety level 2 **3 years or 15,000 km**

Guarantee claims should be processed through a specialist bicycle dealer.