



# Trailsync

Seatpost Cut Instructions

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## Seatpost Cut Instructions

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# 1. General Note

**Standard  
Trailsync Head**



**Long  
Trailsync Head**



This manual provides specific instructions on how cut the Trailsync seatpost's main tube, if necessary.

A longer head is available as a replacement part, which extends the adjustment range by 30mm.

# Tools necessary:

Work Stand:



Shock Pump:



Torque Wrench:



Allen Keys:



Clean Rags:



Tube Cutter:



Deburring Tool  
or File:



10–15 Minutes



## 2. Step by Step instructions



1 Loosen the M5 screw on the seatpost head.

2 Remove the seatpost head, together with the saddle, from the tube.



3 Remove the valve cover.

4 Using a small tool, release all air.

5 Loosen the bolts.

**Attention:**  
*Be sure to release all air from the air chamber!*



6 Mount the frame on a bike stand.

Ensure the frame is held in a stable position.

**Attention:**  
*Do not clamp the carbon frame!*

*Take note of the frame size and the saddle height, the measurement should be taken from center of BB to top of the saddle (middle point):*

*In the next page cutting instructions are provided based on saddle height and frame size.*

## Standard Head (35mm adjustment range)

### Trailsync Seat Height Calculation

Cut Line		Small 27.5"	Small 29"	Medium 27.5"	Medium 29"	Large 29"	XLarge 29"
0	max	760	770	780	790	835	855
0	min	725	735	745	755	800	820
1	max	750	760	770	780	825	845
1	min	715	725	735	745	790	810
2	max	740	750	760	770	815	835
2	min	705	715	725	735	780	800
3	max	730	740	750	760	805	825
3	min	695	705	715	725	770	790
4	max	720	730	740	750	795	815
4	min	685	695	705	715	760	780
5	max	710	720	730	740	785	805
5	min	675	685	695	705	750	770
6	max	700	710	720	730		
6	min	665	675	685	695		
7	max	690	700	710	720		
7	min	655	665	675	685		
8	max	680	690				
8	min	645	655				
9	max	670	680				
9	min	635	645				

Choose your frame size and your desired seat height (center of B/B to top of Saddle).

On the left side of the table you will find the matching cut position.

**Example:**  
for a frame size 29" Medium,  
a saddle height of 740mm  
would have to be cut on cut  
line 2.

based on 45mm saddle  
height (thickness)

## Long Head (65mm adjustment range)

### Trailsync Seat Height Calculation

Cut Line		Small 27.5"	Small 29"	Medium 27.5"	Medium 29"	Large 29"	XLarge 29"
0	max	790	800	810	820	865	885
0	min	725	735	745	755	800	820
1	max	780	790	800	810	855	875
1	min	715	725	735	745	790	810
2	max	770	780	790	800	845	865
2	min	705	715	725	735	780	800
3	max	760	770	780	790		
3	min	695	705	715	725		
4	max	750	760	770	780		
4	min	685	695	705	715		
5	max	740	750				
5	min	675	685				
6	max	730	740				
6	min	665	675				

based on 45mm saddle  
height (thickness)





7 Push the valve inwards to protect it while cutting the tube.

8 Place it slightly deeper than the cut line you have chosen.

9



10



9 Be sure to cut at the correct cut line.

**Attention:**  
*Do not cut further than the max. cut line as indicated in the picture!*

10 Use a proper tube cutter or saw to cut the tube.





- 11 Remove the sharp edges (burr) using a deburring tool or a file.

**Attention:**  
*Ensure that the inner and outer edges are very clean!*

- 12 Clean the tube.



13



14



13 Position the valve flush with the tube.

14 We recommend using a shock pump to place the valve flush with the tube as shown in the picture right.

15 Tighten the bolts, alternating step by step, to 2.5 Nm

**Attention:**  
Ensure screws are  
tightened to 2.5 Nm.

15







16 Fill the air chamber with 150psi.

**Attention:**  
*max. pressure is 180psi!*

17 Replace the valve cover.



18 Re-assemble the saddle head and set the seat height.

19 Align the saddle and tighten the seatpost head with the recommended torque.