BMC
SWITZERLAND

Trailsync

Seatpost Cut Instructions

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Contents

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1. General Note

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 adjusment range)

Trailsync Seat Height Calculation

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

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 adjusment range)

Trailsync Seat Height Calculation

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

based on 45mm saddle height (thickness)

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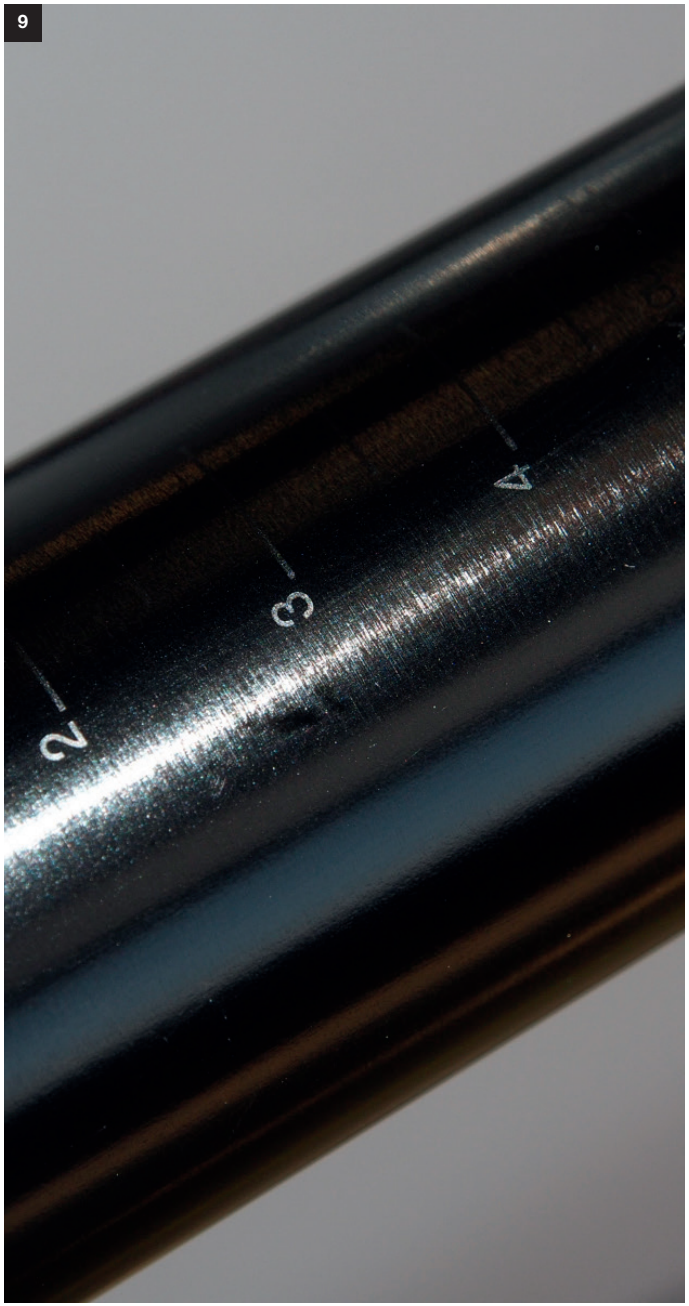
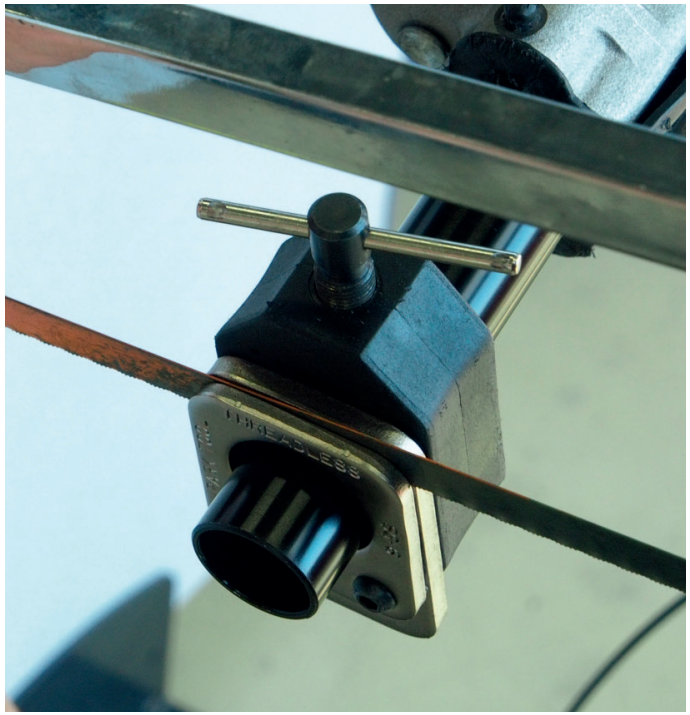
7 Push the valve inwards to protect it while cutting the tube.

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





9 Be sure to cut at the correct cut line.

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

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

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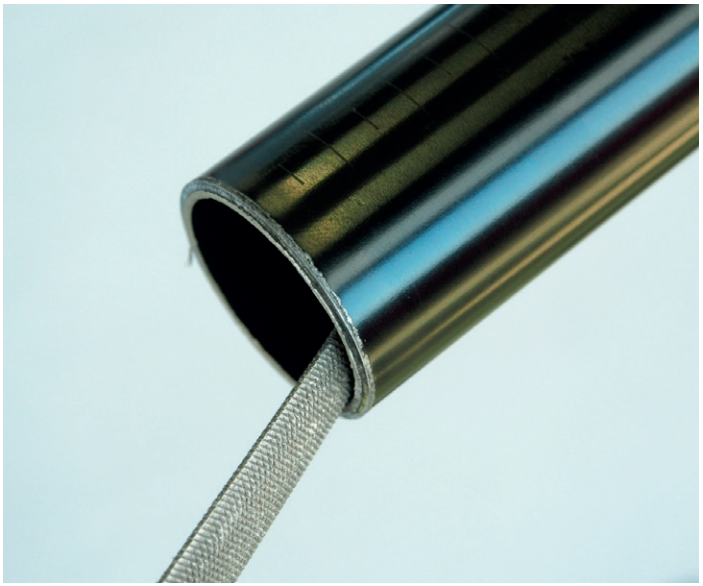
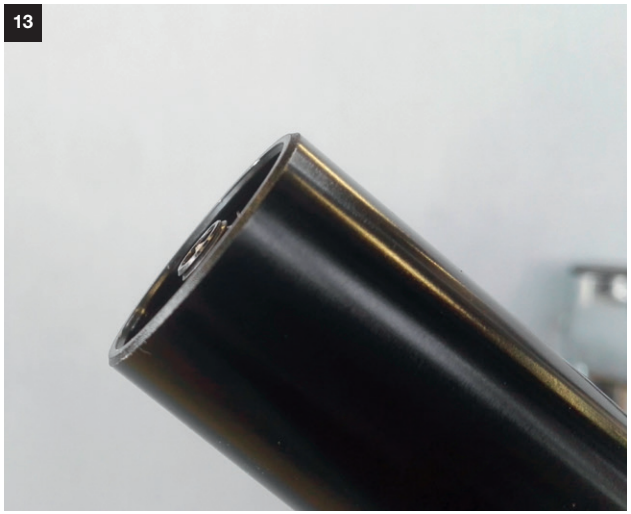


11 Remove the sharp edges (burr) using a deburring tool or a file.

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


12

12 Clean the tube.



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.

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16 Fill the air chamber with 150psi.

Attention:
max. pressure is 180psi!

17 Replace the valve cover.


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

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