

NEWMEN

# Seatpost

## Technical Manual



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# 1 Safety and instructions for use



## DANGER

Not following the below points can cause the components to fail which can cause the rider to lose control resulting in SEVERE INJURY OR DEATH.

Before and after every ride, check to see whether any of the components are damaged and that everything is still intact. If problems arise, the components should no longer be used. If you are in doubt, please see your local bicycle dealer.

- Follow the manufacturer's instructions for installing the components on the bicycle. The user manuals for all NEWMEN products can be found at [www.newmen-components.de/Downloads](http://www.newmen-components.de/Downloads)
- Follow the manufacturer's safety instructions
- Follow the maximum system weight as specified in the manufacturer's instructions
- Before every ride you should make sure that all the components are properly tightened.
- The components must be compatible with all parts of the bicycle. If in doubt consult your dealer
- The components are only to be used according to their stated purpose. See the document "classification and intended use" at [www.newmen-components.de/Downloads](http://www.newmen-components.de/Downloads) • Only use original replacement parts. Do not change or modify the components.
- All components must be serviced by a specialist dealer according to the maintenance plan in the product manual.
- Do not clean the components with high-pressure power washers.
- If there is any damage or indication of damages, then the components cannot be used without further analysis. If there is any doubt, please contact your local dealer.

MG-Components GmbH & Co KG offer first class service and crash replacement exceeding the legally required warranty. For detailed information please visit [www.newmen-components.de](http://www.newmen-components.de)

## 1.1 Safety instructions for the seat post

- Before every ride check that the seat post is functioning properly.
- Do not use any aggressive cleaning agents.
- Check that the saddle is properly secured on the seat post.
- Check that the seat post is properly secured in the frame.
- If the permissible tightening torque is exceeded, this jeopardises your safety and voids the warranty.

## 2 Warranty and crash replacement

In addition to high-quality products, we also offer firstclass service. That is why MG-Components GmbH & Co. KG provides not only the legally required warranty on all NEWMEN products, but also an additional three-year warranty on all material and manufacturing defects.

### 2.1 Warranty summary

- All components must be installed and used according to the assembly instructions.
- The respective manufacturer's warranty applies to all third-party parts.
- Improper use, not following the instructions for use, incorrect repair, assembly or maintenance, as well as damages caused by incorrect wheel assembly (spoke pattern, spoke cross, spoke tension, incorrect torque, incorrect lubrication, etc.) are not covered under the warranty.

### 2.2 Crash Replacement summary

- The offer is valid for three years from the date of purchase.
- It can also be transferred to the next owner.
- Damages must affect functionality (visual damages are excluded).
- Replacement is made with the same model. However, MG-Components GmbH & Co. KG reserves the right to replace the damaged article with an alternative product of the same value.
- You have no legal claim to the damaged product, which will become the property of MG-Components GmbH & Co. KG.
- MG-Components GmbH & Co. KG will not pay for costs related to assembly, shipping or customs.
- Crash Replacement is not a substitute for any warranty stipulations that apply in the individual countries.
- Components such as tyres, cassettes, brake discs, brake callipers, etc. must be removed.
- The following is a list of reasons why the Warranty and the Crash Replacement Service guarantee benefits may not apply.
- Damages caused by incorrect installation of the components.
- Damages caused by incorrect repairs to the components.
- Improper use, e.g. a cross-country wheelset used for downhill riding
- Modification to the components
- Maintenance or repairs that were either incorrectly done or not carried out
- Normal wear and tear from use of the components
- Transport and delivery damages
- Improper use and/or mishandling
- Damages from an accident

## 3 Technical data

- |                                   |   |
|-----------------------------------|---|
| • <b>Length</b>                   | 350 mm / 430 mm                                     |
| • <b>Diameter and Weight</b>      | 27,2 mm (215 g) / 30,9 mm (230 g) / 31,6 mm (242 g) |
| • <b>Setback</b>                  | 0 mm  |
| • <b>Max. Height Saddle Rails</b> | 9,5mm   |
| • <b>Minimum Insertion Length</b> | 100mm   |
| • <b>Material</b>                 | UD Carbon   |
| • <b>Max. System Weight</b>       | no limitation                                       |

## 4 Installation of the seat post

- Check the seat tube of your frame for ridges and sharp edges and carefully remove them using fine-grain sandpaper.

**Note:** Consult the manufacturer of your frame in order to ascertain whether such processing is permissible and seek assurances that such processing will not void the warranty.

- Do not use grease for installation under any circumstances. Use carbon assembly paste instead.
- Insert the seat post into the frame.  
Please note the minimum insertion depth for the frame and the minimum insertion depth for the seat post.

**Note:** The minimum insertion depth with the greater value is always the one that applies!

### *Example 1*

Seat post minimum insertion depth 100 mm

Frame minimum insertion depth 120 mm

In this case, the seat post must be inserted at least 120 mm into the frame.

### *Example 2*

Seat post minimum insertion depth 100 mm

Frame minimum insertion depth 80 mm

In this case, the seat post must be inserted at least 100 mm into the frame

**Note:** The warranty for the respective component is voided if the minimum insertion depth for the frame or seat post is not adhered to

- Align the seat post to the centre plane of the frame.
- Clamp the seat post with the maximum specified torque of **6 Nm**.

**Tip:** If you use carbon assembly paste to install your carbon seat post, the seat post is additionally secured against rotation without the saddle clamp being clamped too heavily and without it constricting the seat post too severely. This protects the seat post and the clamping screws of the saddle clamp.

**Tip:** When using a saddle clamp with a quick release, make sure that the clamping lever is always well lubricated. This ensures a constant clamping force and lower operating forces.

## 5 Installation of the saddle

Please also note the operating manual provided by the saddle manufacturer.

- Unscrew the front saddle clamping screw until the thread end is level with the threaded nut.
- Completely unscrew the rear saddle clamping screw from the threaded nut.  
The retaining rubber on the clamp cover prevents the threaded nut from falling out.

**Tip:** If the retaining rubber and the threaded nuts have been dismantled, ensure that the correct installation direction for the threaded nuts is adhered to during assembly.

- Thread the saddle rail onto the saddle rail support of the seat post head and screw the rear saddle clamping screw into the intended hole applying light pressure in doing so.
- Tighten the two saddle clamping screws in alternation until both screws have been screwed in to approximately the same extent and the saddle can still be moved horizontally.
- Next, adjust the saddle position by pushing the saddle backwards or forwards and adjust the angle of the saddle by screwing in the clamping screws or by unscrewing them.

- Once the saddle has been put in position, tighten the clamping screws with not more than the maximum torque specified by the saddle manufacturer. If the saddle manufacturer does not specify a maximum torque, tighten the saddle clamping screws with not more than **6 Nm**.

## 6 Shortening the seat post

- Note: Shorten carbon seat posts using a fine-toothed metal saw exclusively. Never shorten carbon seat posts using a pipe cutter!
- Once you have shortened the seat post, deburr the cut surfaces using fine sandpaper or a fine metal file and seal with clear varnish.

Only shorten the carbon seat post outdoors or in well-ventilated rooms. **It is imperative that you wear protective goggles and a dust mask.**

## 7 Maintenance intervals

The following maintenance intervals are to be followed.

Task	Interval
Check the seat post and saddle for tight fit, damage and irregularities	Before and after every ride
Clean with a soft towel and a suitable cleaning agent (no aggressive cleaning agents)	After every ride

Table 1: Maintenance intervals