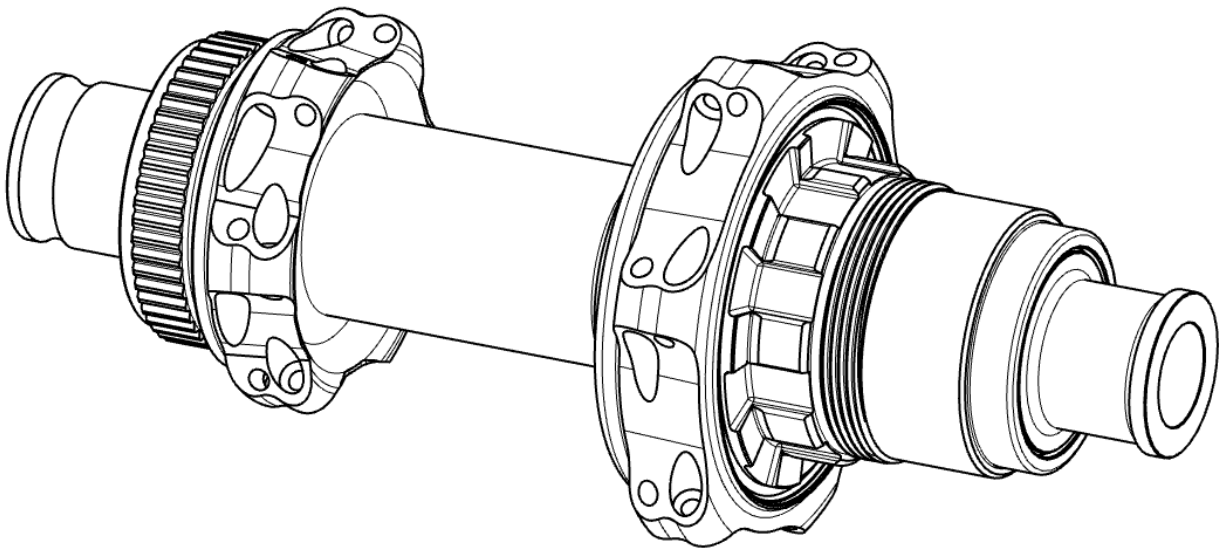
NEWMEN

HUBS

Technical Manual



Version: 1.1; Date: 12.08.2026

Contents

1 Safety and instructions for use 3
1.1 General safety tips for hubs 3
2 Warranty and crash replacement 4
2.1 Warranty summary 4
2.2 Crash Replacement summary 4
3 Technical data 4
4 Installation and Wheel Building 5
4.1 Wheel Building 5
4.2 Freewheel 5
4.3 Cassette 5
4.4 Brake disc 5
5 Maintenance 6
6 Hub Service 6

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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
- 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 • 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

1.1 General safety tips for hubs

- Before every ride, check to be sure the freewheel is functioning on the rear wheel
- Never clean the hubs with high-pressure power washers and don‘t use aggressive cleaning fluids
- Be sure there is no axial play in the hub and that the bearings are adjusted properly
- Check that the hub is properly secured in the frame. Check required torque of the axles

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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

• Material	Aluminum	
• Range of Use	Road / Gravel, MTB	
• Weight Limit	max. System Weight depends on wheel setup	
• Brake Disc	Centerlock and 6-Bolt	
• Freewheel	MTB hubs	SRAM XD / Shimano HG / Shimano Microspline
	Road hubs	SRAM XDR / Shimano HG / Shimano Microspline / Campagnolo N3W (only available as spare part)

For detailed technical information for your hub model please check the spare part drawings.

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4 Installation and Wheel Building

Danger of injury due to incorrectly laced wheels!

4.1 Wheel Building

- Hubs should only be laced by a qualified specialist.
- Depending on the type of hub we recommend the following spoke patterns for J-Bend hubs:
  - MTB J-Bend hubs (front and rear wheels, 2- or 3-cross)
  - ROAD J-Bend hubs (front wheel radial / rear wheel 2-cross)
    - Radial spokes are only permitted for hubs specially designed for that purpose.
- For straight-pull hubs, the cross pattern is predefined by the spoke holes.
- The maximum allowable spoke tension for all NEWMEN hubs is 1200 N.
- For information about pitch diameter, ERD of rims, spoke hole diameter and flange spacing please check the **flange dimension hubs** files in the download center.

4.2 Freewheel

NEWMEN freewheels bodies are made of aluminium. It is therefore possible that individual sprockets create

notches / nicks in the freewheel body. These notches on the cassette are not damages.

The burrs on the notches can be removed with a file. After doing so, remove any shavings from the freewheel.

4.3 Cassette

Install the cassette according to the manufacturer‘s instructions.

4.4 Brake disc

Install the disc according to the manufacturer‘s instructions.

- 6-hole brake disc
  - Always tighten the bolts in a cross pattern
  - Tighten the disc to 6 Nm unless otherwise specified
  - The disc brake rotor mounting bolts must achieve a minimum thread engagement depth of 6 mm in the 6-bolt hub interface
- Center Lock brake disc
  - Tighten the Center Lock nut according to the manufacturer‘s instructions. As long as nothing else is specified, tighten them to at least 40 Nm.
  - Be sure the disc doesn‘t have any axial play after installation. If this is the case, loosen the Center Lock nut and repeat the tightening process. If there is still axial play, contact your dealer. You should by no means ride if the brake discs are loose.
  - After initial installation: Check the tightening torque on the lock ring after roughly 20 km.

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5 Maintenance

The following maintenance intervals are to be followed.

Action	Interval
Hub service for normal use	Yearly
Hub service for extreme use (frequent rides in rain, mud, snow, dirt)	As needed
Service if something is wrong (e.g. bearing play, damaged spokes or freewheel body issues)	Immediately

6 Hub Service

You can have your hub or wheel serviced by us. Simply create a ticket in our service portal.

Some specialist dealers can carry out the service themselves, just contact your local NEWMEN dealer.

If you would like to service the hubs by your own, you can find all the explosion drawings with required spare parts in our download center.

You can find the corresponding drawing via the laser logo on your hub.

In the spare part drawings are listed all spare part item numbers and you get a detailed explosion view.



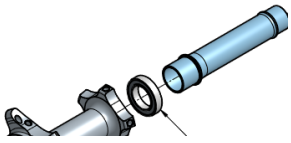
NEWMEN front hub FADE R CS 15h / 21h spare parts

POS	ITEM	Description
1	90720	NEWMEN Fade Road/Gravel Endcap Set 12mm OD 19 mm
2	90719	NEWMEN Fade Road/Gravel Endcap Set 15mm OD 19 mm
3	90286	NEWMEN Bearing Road BB CB 17x26x5 CN LLH
4	90285	NEWMEN Bearing Road BB CB 15x24x5 CN LLH

Recommended
90166 - NEWME
90153 - NEWME

spare parts are suited for rear hubs with laser logo:

FADE R CS



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