



extrawheel

HARKLOWA _ POLAND _ 49°28'36.836" N _ 20°10'16.503" E



ADAPTERS GUIDE

**Fitting the Extrawheel trailer to
different types of bikes using the
ready adapter kits.**

—
How to choose the right adapter kit

5 YEAR
GUARANTEE

EN 2019

DESIGNED & MADE
IN POLAND WITH ♥



#extrawheel
#keepwheeling

We offer the following solutions for attaching the Extrawheel trailer to a bicycle depending on the type of frame and wheel hub.

To choose the appropriate Extrawheel adapter, first check what type of rear axle your bicycle has.

1. 5 mm Quick Release in Standard and XL (LONG) sizes
2. 5 mm axle with M5 nut set
3. 12 mm Thru Axle
4. Nuts with metric and inch sizes for a standard full axle
5. M5 threaded nuts for other bicycle types (some multi-speed hubs) and due to the shape/geometry of the bicycle frame.
6. Use the drop-out spacer if:
 - a) The derailleur rubs against or blocks the movement of the bicycle's fastening fork or drawbar
 - b) The grip of the bicycle frame's rear axle has a non-standard shape.

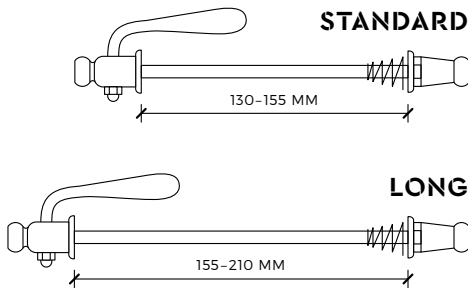
When bought, the standard Extrawheel trailer set includes a Standard size 5mm quick release skewer.

Other adapters, i.e.: XL (LONG) size quick release skewer, 5 mm axle with M5 nut set, 12 mm Thru Axle, Nuts with metric and inch sizes, and Drop-out spacers must be purchased separately.



1. ADAPTING A BICYCLE WITH A 5 MM QUICK RELEASE SKEWER IN STANDARD OR XL (LONG) SIZES

We offer two sizes of quick release skewers depending on the width of the bicycle hub.



1. Remove the quick release skewer from the bicycle
2. Fit the desired Extrawheel quick release skewer

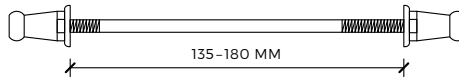


Adjust the width of the fork or drawbar according to the instructions.
The kit is ready to go.

2. ADAPTING A BICYCLE TO A 5MM AXLE WITH M5 NUTS

Axle designed for all 5mm (anti-theft) hubs. The axle is also an excellent alternative to quick release skewers for standard or wider hubs.

For hubs of width 130-180 mm.



1. Remove the axle or quick release skewer from the bicycle
2. Fit the Extrawheel axle using a 17 mm wrench
3. Important. There is threading on both sides of the axle. When fitting, ensure that the nut on one side is screwed at least 6 mm into the axle, i.e. 6 full rotations of the nut.



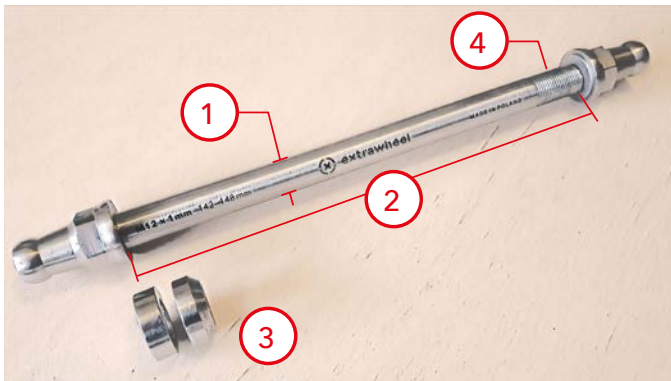
Adjust the width of the fork or drawbar according to the instructions.
The kit is ready to go.

3. ADAPTING A BICYCLE USING A 12 MM THRU AXLE



Check the parameters below for your Thru Axle. Manufacturers usually state them in full or in part:

1. Axle diameter
2. Axle length
3. Axle geometry (straight or conical)
4. Thread pitch of the axle (please ensure that the thread on your axle is properly identified, contact the bicycle seller or consult our instructions - <http://extrawheel.com/manuals/thru-axle>)



3. ADAPTING A BICYCLE USING A 12 MM THRU AXLE (continued)

We offer the Thru Axle in 5 sizes:

- **Extrawheel Thru Axle Adapter M12×1 mm** 135-142mm (includes one conical pad for a Syntance axle) - for the Thru Axle with a total shaft length of 150-165mm
- **Extrawheel Thru Axle Adapter M12×1 mm** 142-148mm (includes one conical pad for a Syntance axle and one reduction pad when the shaft length has to be reduced) - for the Thru Axle with a total shaft length of 164-172 mm
- **Extrawheel Thru Axle Adapter M12×1.5mm** 142-148mm ((includes one reduction pad when the shaft length has to be reduced) - for the Thru Axle with a total shaft length of 170-180 mm
- **Extrawheel Thru Axle Adapter M12×1.75mm** 142-148mm ((includes one reduction pad when the shaft length has to be reduced) - for an axle with a total shaft length of 170-180 mm
- **Extrawheel Thru Axle Adapter M12×1.75mm** 157+mm ((includes one reduction pad when the shaft length has to be reduced) - for an axle with a total shaft length of 180-200 mm

Replacement and assembly

1. Unscrew the axle from the bicycle and check the axle parameters, size and thread pitch.
2. If you do not have the above information, contact your seller or check our instructions, then fit the appropriate adapter by yourself - <http://extrawheel.com/manuals/thru-axle>
3. If necessary, use an additional conical pad designed for the Syntance axle (only included with the M12×1mm 142-148mm and M12×1mm 135-142mm sets.
4. If the shaft of the Extrawheel is too long, a reduction pad must be used. The pad is included.
5. Attach and screw on the Extrawheel Thru axle using a 17mm wrench - screw home a maximum of 15 Nm.
6. Attach and screw on the second nut - screw home a maximum of 15 Nm.

Adjust the width of the fork or drawbar according to the instructions. The kit is ready to go.



4.

ADAPTING A BICYCLE WITH A STANDARD FULL AXLE



We offer the following Extrawheel nut thread sizes:

Total size 3/8" on 26 coils (~9.5mm × 1mm),
Total size 13/32" on 26 coils (~10.5mm × 1mm),
Metric size M10mm × 1mm
Metric size M10mm × 1mm



Please ensure that the threading on your bicycle's axle has been properly identified. It is best to contact your seller or ask at a local bicycle repair service.

You can also check the thread size by yourself. Use a calliper to identify the thread size. Measure the diameter of the axle. If the axle diameter is exactly 10mm, then the metric thread will be M10mm × 1mm. If it measures approximately 9.5mm, then the thread size is 3/8" per 26 coils, then the measurement is 10.3mm, and the relevant thread size will be in inches - 13/32" per 26 coils.

Adjust the width of the fork or drawbar according to the instructions. The kit is ready to go.

5. ADAPTING BICYCLES USING M5 NUTS

M5 threaded nuts for other bicycle types (some multi-speed hubs) and due to the shape/geometry of the bicycle frame.

Use Extrawheel M5 nuts when the adapters cannot be fitted directly to the bicycle axle.



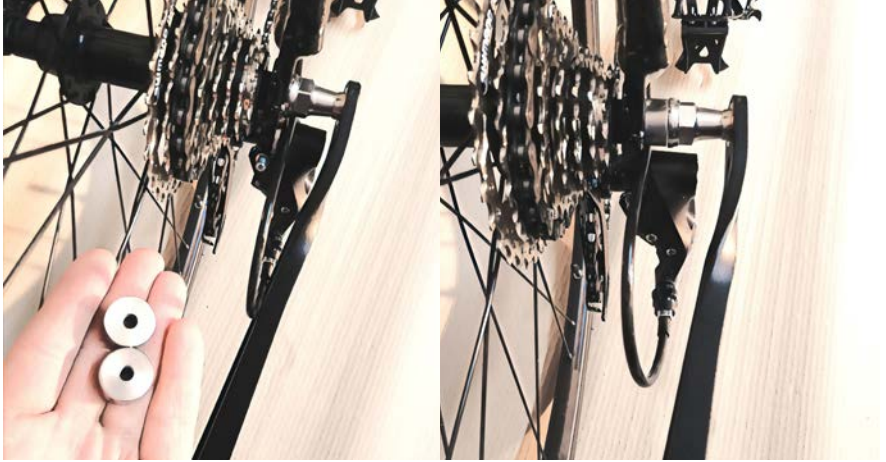
1. Find the technical holes, as shown on the diagram below, on the frame above the axle. Note - not all frames have such holes.
2. Use an M5 thread screw of the appropriate length and screw in along with the Extrawheel nut.

Adjust the width of the fork or drawbar according to the instructions.
The kit is ready to go.

6. ADAPTING A BICYCLE WITH A DROP OUT SPACER

Use a DROP OUT SPACER if:

a) The derailleur rubs against or blocks the bicycle's fastening fork or drawbar



b) The grip of the bicycle frame's rear axle has a non-standard shape.





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