

Proper derailleur hanger alignment is crucial for perfect shifting on every bicycle. Your derailleur hanger can bend easily, especially when a bicycle is dropped or crashed as well as during transport. We also suggest that you check the derailleur hanger on new bicycles or when a bent or broken hanger is replaced for a new one.

The Unior Hanger Genie is precise and easy to use tool, helping you to make sure the bike's derailleur hanger is always perfectly aligned. The rotating lower tube helps the tool to clear the frame, a rack or any other components that are in the way, without having to move the indicator. Thanks to this feature, you will never lose your measurement when checking derailleur hanger alignment against the rim in different positions.

As you'll be referencing the rim to align your derailleur hanger, it's recommended that you start with a wheel that's true and properly installed into the frame before using the Unior Hanger Genie.

To ensure the most accurate reading and adjustment it's also recommended to take readings with the indicator at the valve hole in all positions and to always take readings on the outside edge of the rim.

The hanger has to be aligned to a minimum of 4 points on the rim: 12 o'clock, 3 o'clock, 6 o'clock, and 9 o'clock. This will ensure that the hanger is aligned in all directions.



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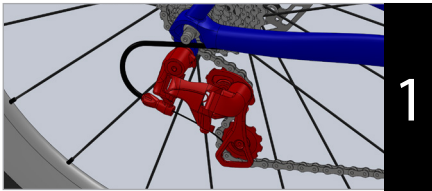
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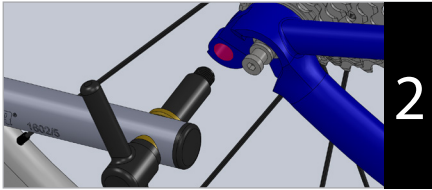
## Hanger genie - Hanger alignment tool

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BIKE TOOLS

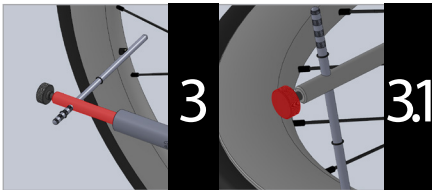
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1) Remove the rear derailleur from the hanger.



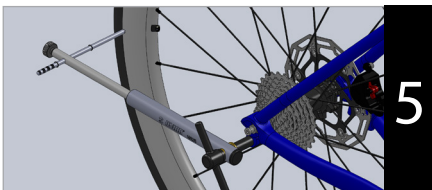
2) Install the Uniore Hanger Genie and thread it in place of derailleur by turning the handle clockwise.



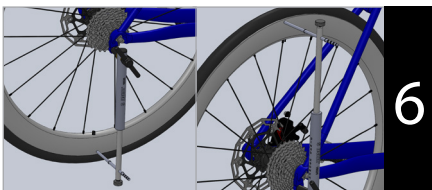
3) Once the tool is installed on to the frame adjust the length of the lower extension until the indicator is at the rim's outside edge.



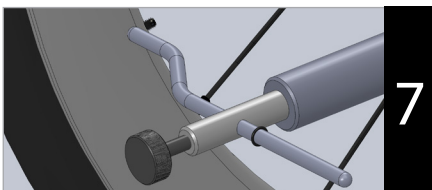
3.1) Adjust the indicator so it just makes contact with the outside edge of the rim at a 90° angle and secure it by tightening the knob at the bottom of the extension.



4) Check the horizontal alignment first by rotating the Hanger Genie towards the right side of the rim (3 o'clock position). Don't forget to rotate the wheel so that the valve hole is in line with the indicator.



5) Slightly rotate the lower extension so that the tip of the indicator swings away from the rim and rotate the tool 180° towards the left side of the rim (9 o'clock position). Spin the wheel so that the valve hole is also at 9 o'clock, and then rotate the lower extension so the indicator again is at 90° to the rim's outside edge.



The hanger is aligned if there is a gap of 3mm or less between the tip of the indicator and the edge of the rim. If the gap is larger, or if the indicator is being forced into the rim, push or pull on the Hanger Genie to bend the hanger so that the tip of the indicator is in line with the rim.

The indicator has to be reset after each adjustment. Repeat the process starting at step 4 until the gap is less than 3mm at both 3 o'clock and 9 o'clock.

6) Follow the same procedure as in steps 4 and 5 to check the alignment of the derailleur hanger at 6 and 12 o'clock. If the gap between the indicator and the rim is less than 3mm in both positions the derailleur hanger is aligned. Verify the hanger is properly aligned by checking all four points once again.

7) When using the Uniore Hanger Genie on bikes with 20" wheels an offset indicator should be used in order to reach the edge of the rim.

To install the offset indicator, simply loosen the knob at the bottom of the tool, pull the standard indicator out and push the offset indicator in place.