

KTM/Husqvarna/GasGas Adjustable Length Pull-Rod Instructions for Use



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Please read carefully as this is vital to the performance of your new parts!

- 1) Despite what other companies may try to tell you, there is no one-size-fits-all pull-rod length. Each rider is different: different weights, heights, skill levels, etc., and each will prefer a different length pull-rod. For this reason, we've made our pull-rods adjustable in length. If you try it at one length and don't like it, all you have to do is adjust it and try again until you find a length that works well for you and your setup.
- 2) Luxon pull-rods assemble similarly to the stock pull-rods with the exception of the adjustable length feature. Refer to your service manual for the standard installation instructions and fastener torque values. The pull-rods are adjustable in length using eccentric inserts. Six total inserts are included: three matching sets. Each matching set of inserts has a flat insert and a stepped insert (to stop rotation of the bolt head when tightening) and can be flipped for a different length. Simply put the inserts into the pull-rod in the length setting you want to use, and install like normal. We recommend lightly greasing the insert surfaces when installing.
- 3) **CAUTION:** It is impossible for us to test this link with all possible OEM and aftermarket shock, knuckle, and spring combinations. Always inspect your particular setup for proper clearances through the entire shock stroke. Different springs, shocks, and especially different knuckles, may cause interference with this linkage at different lengths.



- 4) Inserts are identified by different numbers of dots on each end, and the pull-rod length is determined by the laser etched arrow pointing to the dots. Refer to the following chart for the resulting length at different adjustment positions. The image above shows the inserts installed with the arrow pointing to one dot, which results in a 154.2 mm long pull-rod.
- 5) We offer an optional adjustment kit with our linkage. The linkage comes with inserts allowing adjustments every 1 mm. The optional kit allows for adjustments every 0.5 mm. The optional inserts are marked with dots, just like the standard kit, but they also have a vertical line running through the center of the hole. The optional inserts are identified by the number of dots surrounded by dashes in the following table (for example, a **-3-** is the optional insert with three dots and a **3** is the standard insert with three dots).

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Standard Adjustment Kit



Optional Adjustment Kit



Dots	Length (mm)	Notes
- 0 -	152.7	(Optional Adjustment Kit)
0	153.2	
- 1 -	153.7	
1	154.2	KTM 2023 Stock Length
- 2 -	154.7	
2	155.2	
- 3 -	155.7	
3	156.2	
N/A	156.5	Husqvarna 2023 Stock Length
- 4 -	156.7	
4	157.2	
- 5 -	157.7	
5	158.2	

- 6) We recommend starting at 1 mm longer than your current setup. Set your sag, ride the bike and get a feel for the difference. Try adjusting to different lengths to get a feel for how the bike changes with a longer or shorter setting. Remember to reset your sag every time you make a length adjustment.
- 7) A longer length will lower the rear of the bike and slightly, effectively increasing rake (slowing, but stabilizing steering), and decrease the progressiveness of the linkage curve. You also might need to vary fork heights in the triple clamps depending on your setup goals.
- 8) It is not possible to achieve the stock Husqvarna pull-rod length with our inserts, however, the next shorter setting (with standard inserts) is only 0.3 mm shorter, and the next longer setting (with optional inserts) is only 0.2 mm longer. The difference in length with either of these options is very small and largely irrelevant; 0.25 mm is about the thickness of three sheets of paper.

WARNING

Luxon MX products are designed for closed course competition only, and do not comply with federal motor vehicle safety standards. Luxon MX products may not be used on public roads, streets, highways, or freeways. Installation of this product must be performed by a trained professional. Failure to follow the installation instructions and perform routine maintenance can result in injury or death. There are no guarantees associated with Luxon MX products and Luxon MX product is to be used at your own risk. Luxon MX, its staff, owners, employees, contractors, and associates are NOT responsible for use of this product, or its installation, and may not be held liable for any damages that occur.