



***Owners manual  
MX 5018 shock absorber  
Length and Sag***

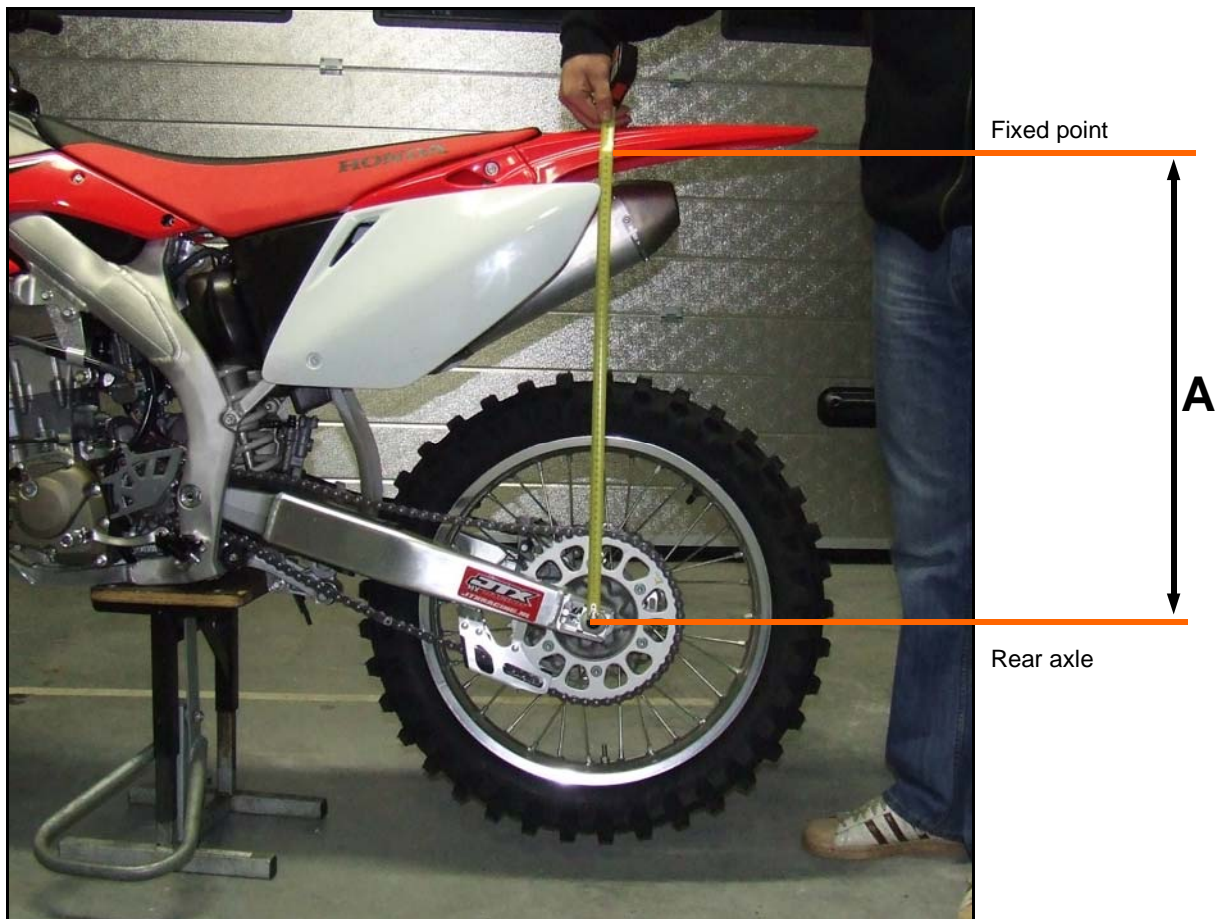


## MX shock sag setup

The length of the WP TRAX shock, is shorter then the original shock and cannot be compared between each other. This is because of the construction of the TRAX damper, with the trax mechanism itself, and the top-out spring.

If the sag setting is followed as described in this manual, the final riding height (while you are driving!) will be the same as original.

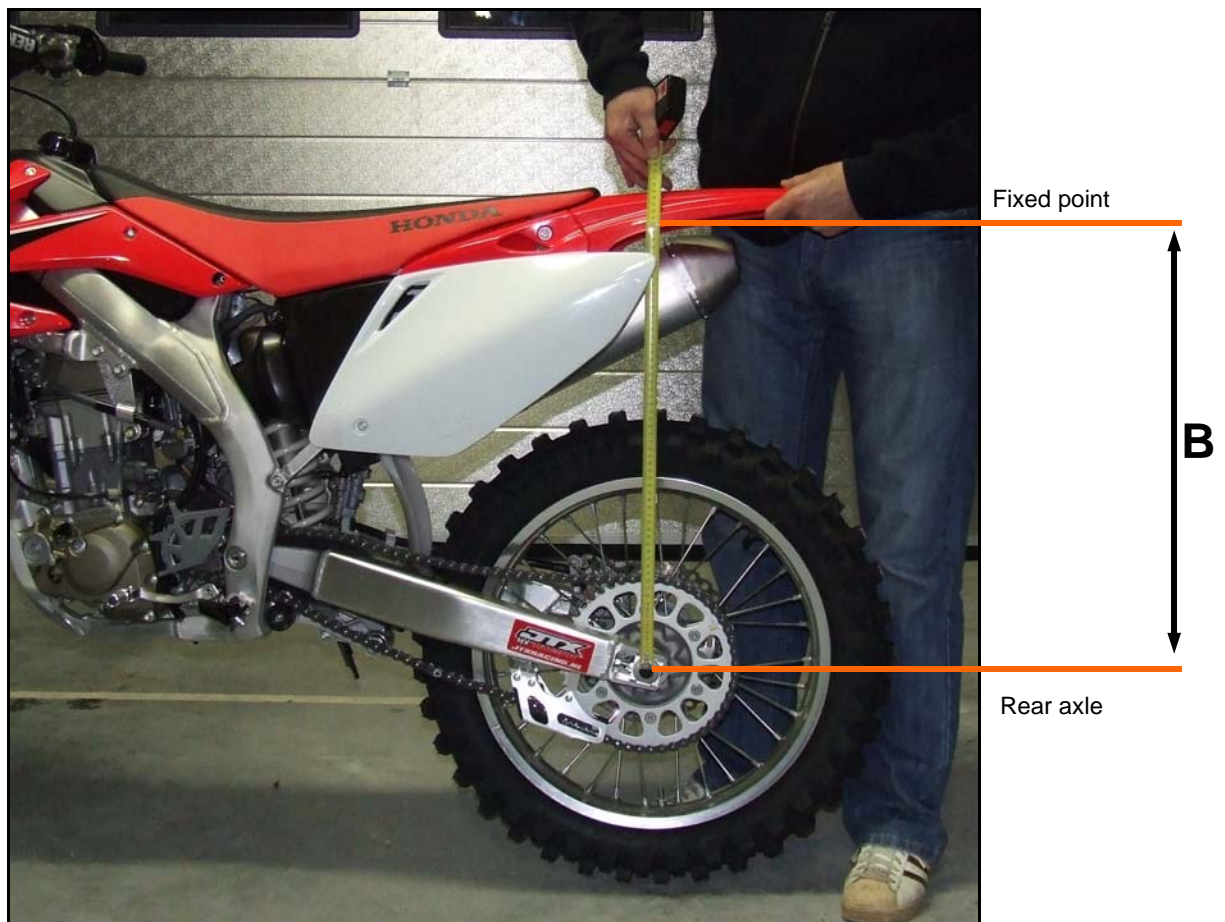
Due to the fact that the shockabsorber has an internal top-out spring, the entire procedure has to be repeated every time the spring pre-load is adjusted !



### Basic suspension setup for the weight of the driver

- Jack up the motorcycle until the rear wheel no longer touches the ground.
- Measure the distance between the rear wheel axle and the fixed point and write it down as dimension A.

## MX shock sag setup



### Determining the static sag of the shock absorber

The static sag should be as close as possible to 35mm.

- Place the motorcycle on the ground.
- Ask a helper to hold the motorcycle.
- Push a few times on the seat.
- Measure the distance between the rear wheel axle and the fixed point and write it down as dimension B.
- The static sag is the difference between dimension A and B.

Dimension     A  
Dimension     - B

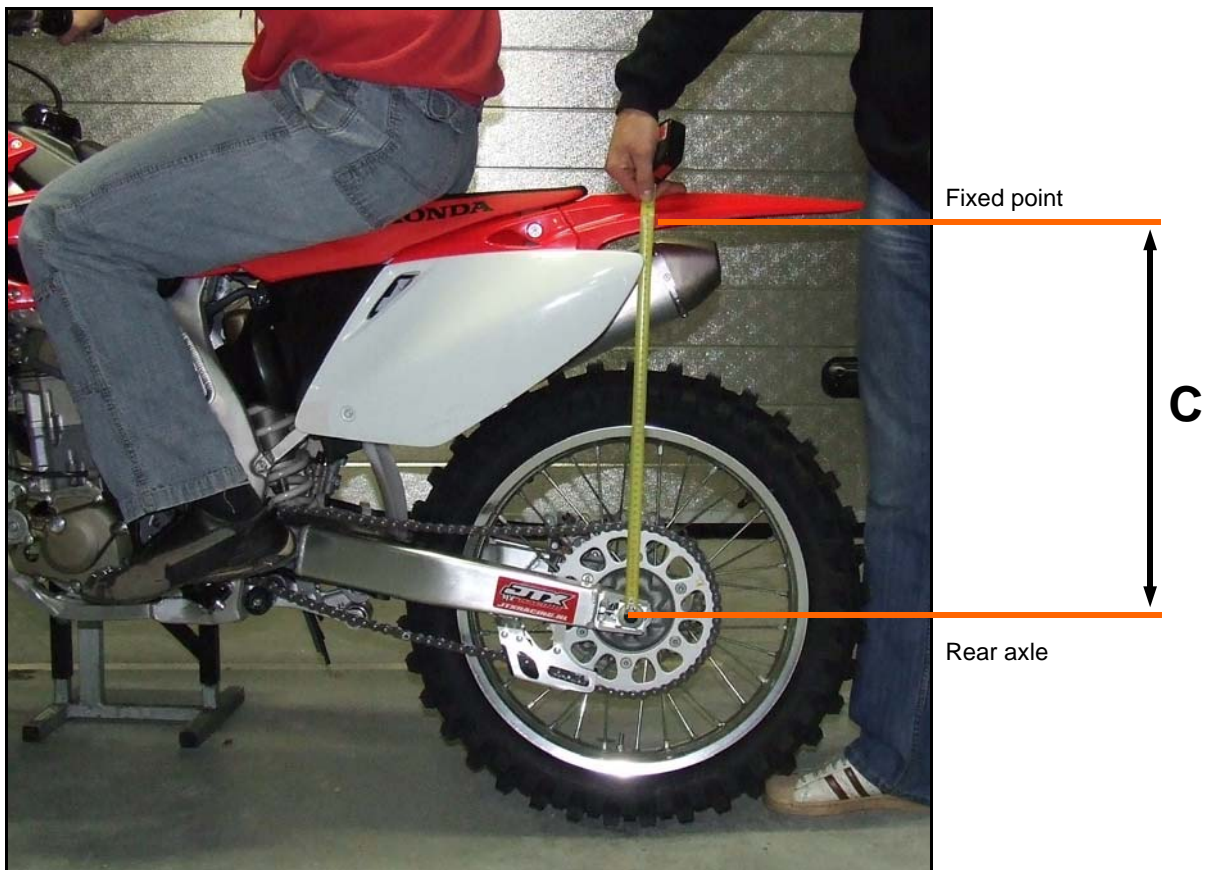
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Static sag = xx mm

for KTM models the sag should be set between 30 and 35mm  
for other models 25 to 30mm

If the static sag is lower, the spring preload must be reduced.  
If the static sag is higher, the spring preload must be increased.

## MX shock sag setup



### Determining the riding sag of the shock absorber

- Sit on the bike in a normal seating position.
- Ask a helper to hold the motorcycle.
- Bounce up and down a few times to allow the rear wheel suspension to become level.
- Stay on the bike with your feet on the footpegs and have another person measure the distance between the rear wheel axle and the fixed point and write it down as dimension C.
- The riding sag is the difference between dimension A and C .

Dimension A

Dimension - C

Riding sag = 95mm (for example)

The riding sag must lie between 100mm and 110mm.for the KTM models  
The riding sag must lie between 90mm and 105mm.for the other models

If the riding sag is less than mentioned, the spring is too hard.  
If the riding sag is more than mentioned, the spring is too soft.  
In these cases, the spring must be changed to get maximum performance.

***Due to the fact that the shockabsorber has an internal top-out spring, the entire procedure has to be repeated every time the spring pre-load is adjusted !***