



# KYL39

# 1500

# QUICKSTART

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Thank you for choosing BOS Suspension products, developed and hand assembled in France. Please read carefully user and service manuals available for download on our website [www.bos-suspension.com](http://www.bos-suspension.com). It contains important information regarding mounting and safety, setting, using and service about your BOS product. With all of those details you will control completely your BOS suspension

### Balancing air chambers:

It is important to balance the pressure of the air chambers during each pressure adjustment to ensure optimum performance. To do this, compress and slowly release your fork for the first 10 mm of travel a dozen times.

### Air pressure:

Whatever your weight, the air pressure should be between **115** and **350 psi**.

*Note : Given pressures are for guidance only. You can adjust it  $\pm 5$  psi according to your use and your riding style.*

Usage VTT											
Rider weight (Kg/Lbs)	60/132	65/143	70/154	75/165	80/176	85/187	90/198	95/209	100/220	105/231	110/242
Pressure KYLL 39 160mm (PSI)	167	182	196	210	224	237	251	265	279	293	307
Pressure KYLL 39 170mm (PSI)	159	171	184	196	208	220	233	245	257	269	282
Pressure KYLL 39 180mm (PSI)	150	162	173	185	197	208	220	231	243	255	266
Pressure KYLL 39 190mm (PSI)	142	153	164	175	186	197	208	220	231	242	253
Usage VTAE											
Pressure KYLL 39 160mm (PSI)	195	207	219	231	243	255	267	279	291	303	315
Pressure KYLL 39 170mm (PSI)	184	196	208	220	233	245	257	269	282	294	306
Pressure KYLL 39 180mm (PSI)	173	185	197	208	220	231	243	255	266	278	290
Pressure KYLL 39 190mm (PSI)	164	175	186	197	208	220	231	242	253	264	275

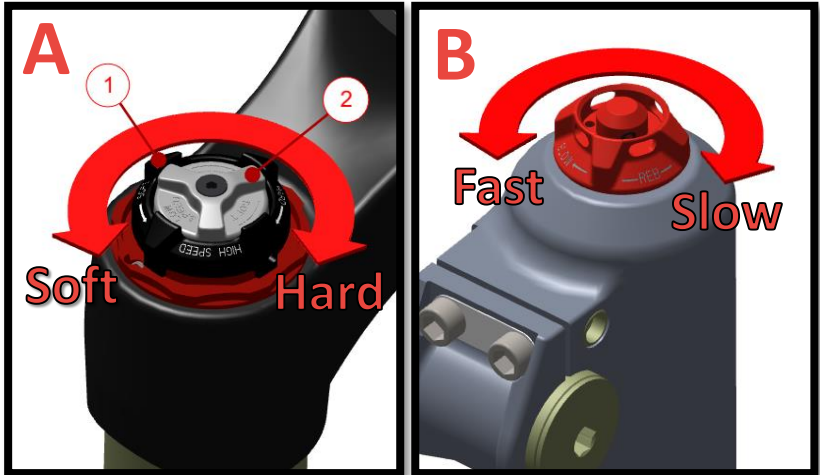
### Standard settings:

To start your adjustment, turn the knob clockwise until it stops without effort (clic = 0). Then, clicks are counted turning the knob in the counterclockwise direction.

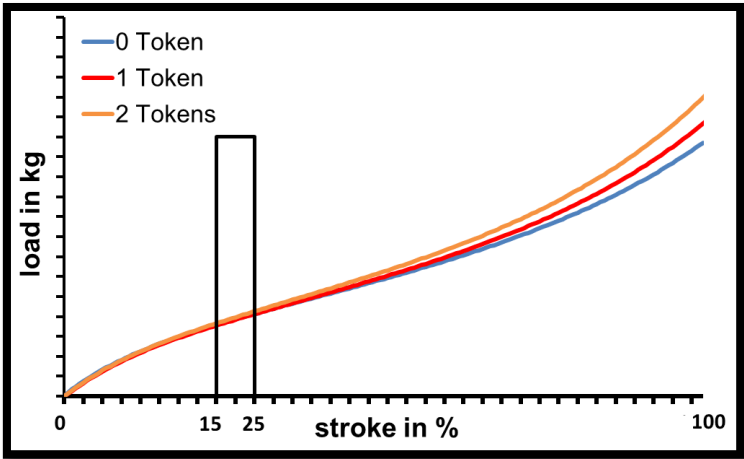
Compression (A) :

- Low speed (2): **11 clicks**
- High speed (1) : **10 clicks**

Rebound (B-1) : **10 clicks**



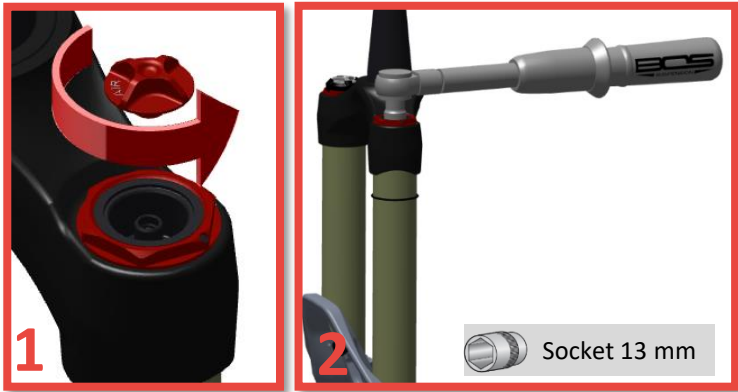
### Token Installation:



Tokens in MTB forks are small spacers inserted into the air chamber to modify the compression curve. They allow for adjusting the volume of this chamber, thereby adapting the suspension's behavior to the rider's preferences and the terrain..

**1** For installation, start by removing the valve cap located on the left stanchion, then gradually depressurize the air chamber by gently pressing on the valve using an appropriate tool, such as an Allen key or a flathead screwdriver.

**2** Once the pressure is released, use a **13 mm** socket to unscrew the black cap located at the top of the stanchion.



**The fork comes with a stock token.** You can add or remove them as needed, ensuring not to exceed a maximum of **5 tokens**. For installation, simply clip the token onto the black cap. To remove it, unclip it by gently pulling.



With **0 tokens**, the fork provides a more linear and comfortable suspension, ideal for absorbing small bumps, but with a risk of bottoming out on large impacts.



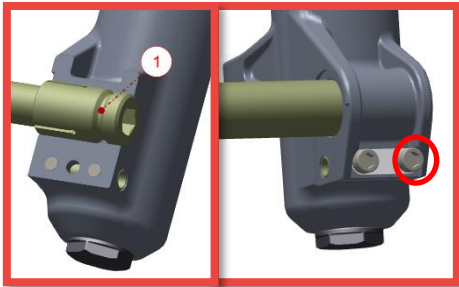
With **1 token**, it becomes more progressive, offering a good balance between comfort and support at the end of the stroke.



With **2 tokens**, it becomes stiffer towards the end of the stroke, reducing bottoming out and providing better support on big impacts, at the cost of a slight loss of sensitivity on small bumps.

Next, screw the black cap back on, ensuring a tightening torque of **7 Nm**, being careful not to damage the threads. Grease the seals to ensure proper sealing and prolong their lifespan. Reinflate the fork, balancing it to the recommended pressure based on your weight and riding style, then replace the valve cap.

### Wheel Axle :



When removing **15 mm x 110 mm** axles, make sure not to loosen the right screw (circled in red in the image) to prevent the insert **(1)** from moving. This precaution does not apply to **20 mm x 110 mm** axles. The tightening torque for each screw is **4 Nm**.