

ROCK SHOX LEXICON:

Upper fork tubes:

The two upper tubes on suspension forks, connected to the fork bridge at the top.

Lower fork tubes:

The two lower tubes on suspension forks slide over the upper tubes. At the dropouts, at the bottom they hold the axle of the front wheel. These tubes are joined with a stabilising arched strut.

Damping:

Controls the compression and rebound of a fork or a rear shock. Generally, oil is used, which has to flow through narrow holes. The damping prevents oscillation of the suspension after it has been compressed.

Compression:

Controls the compression speed of a fork or rear shock and prevents the suspension from bottoming out. A very high compression setting has almost the same effect as locking out the fork or damper.

Rebound:

Controls the fork's or shock's rebound. It is primarily responsible for traction and should be individually adjustable.

Spring preload:

To adjust forks or rear shocks to different loads, you can adjust the preload of the springs. Roughly speaking: the higher the load, the higher the preload should be, so that the fork will not compress too far. Changing the preload does not affect a spring's hardness.



PopLoc/PushLoc:

A handlebar remote control to adjust damping. You can use it to lock a fork or rear shock. The PushLoc version can be used on the left or right and vertically or horizontally.



Motion Control DNA:

The Motion Control DNA system allows the rider to precisely adjust the compression and rebound settings for their required use. This makes cycling more comfortable and effective than with standard simple damping systems. The double helix cartridge offers a low weight and better response.



Solo Air:

This is an easy system to adjust an air fork. Positive and negative air chamber are filled simultaneously with a simple air valve. The fork system is simplified, while the Dual Air's important features and its smooth riding comfort are preserved.



TurnKey:

Reliable, simple Lock Out system with the positions "on" and "off". Easy to handle and compatible with the PopLoc lever.