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MTB

PRODUCT NEWS

ÖHLINS TTX1AIR SHOCK ABSORBER

A high performance, robust air-sprung shock; the TTX1Air offers the same performance as our TTX2Air but in a more compact single can package; for bikes with a more linear shock curve with less need for bigger air volume. The TTX1Air also features a new slimmer fit end-eye design to fit more frame designs. The TTX1Air's compact design weighs 60 grams less than the TTX2Air for a 210x55mm shock. A specific wiper seal and air sleeve lubrication reduces friction and delivers consistent performance between service intervals.

The TTX1Air combines the superior damping function of the TTX system together with a new air spring design; delivering both improved performance as well as strength. Öhlins brought the TTX concept into the MTB market and the technology set a new standard in damping function. TTX-Air damping clickers adjust the pressure area on the shims instead of increasing preload, allowing enhanced damping adjustment for added control; without resulting in an unwanted harsh ride feel.

The TTX1Air improves on an already proven package in terms of damping performance and making personalised tuning simple. The metric system design has also allowed an increased bushing overlap, delivering a robust design with improved side load management. A versatile and ideal choice for more linear trail bikes through to eMTB applications, especially for riders who are looking for a lighter or slimmer shock and also seek the possibility to tune it to their bike and riding style.

To keep a high level of suspension performance it is important to follow the service intervals. The 100-hour air spring service can be performed by the rider or by using an Öhlins authorized service enter.



FEATURES

- > TTX highly adjustable compression valve technology
- > Race proven setting bank
- > Single can design optimized for varied kinematic designs and tighter fitment
- > Compact end eye design allows fitment to a broader range of frame designs
- > Adjustable HSC (High-Speed Compression), LSC (Low-Speed Compression) and Rebound damping
- > 5 compression and 6 rebound click settings to choose from, to suit any type of linkage design
- > Climb mode
- > Air spring volume spacers included as standard in the shock kit
- > Available in Standard Metric 190/210/230 mm lengths
- > Also available Metric Trunnion format in 165/185/205 mm lengths
- > Maximum air pressure up to 300 PSI
- > 390 grams (190x45mm)

Do you want to know what suspension that fits your bike?

Use Öhlins Performance Suspension Guide, it will also recommend a personal set up. <https://www.ohlins.com/performance-suspension-guide/>

Watch our instruction and service videos on YouTube

<https://www.youtube.com/c/Ohlins/search?query=ttx%20air>