

PRODUCT NEWS



13/09/2007

RACING & TOURING CAR



TTX40/46MT MkII

The Öhlins TTX40 four-way adjustable racing shock has been a tremendous success, providing top results in the LeMans, ChampCar, Indy Racing League series etc. Since the introduction of its McPherson counterpart, the TTX46MT, it has been the shock to beat in Touring Car racing as well, all over the world. Now it's time to take racing to another level. Öhlins Racing is proud to present the new TTX40/46MT MkII shock, a further improved version of our flagship.

As before, the TTX40 MkII twin tube damper features a 40 mm solid piston and a through rod shaft, eliminating the requirement of an external reservoir. The design is fully pressure balanced with a positive pressure build-up throughout the adjustment range, eliminating the risk for cavitation as well as enabling the use of low gas pressure, keeping the internal friction at bay. The top eye can easily be re-locked without opening the damper.

The TTX40 MkII is still a fully independent four-way adjustable, but due to a new design of the valves, it offers even better stability and control, especially at high damping frequencies. For increased rigidity and durability, the piston shafts are now 14 mm on the NH06 and NH08 varieties.

Accompanying the new TTX40 MkII, is the McPherson strut TTX46MT MkII. The concept features a 46 mm solid piston with a through rod of 30 mm, providing a rigid and lightweight strut. To further improve the rigidity, the outer tube is made from a special aluminium alloy. Still a four-way adjustable, it provides a wide range of adjustment without even taking the strut off the car. Of course, it has all the benefits from a positive pressure build-up.

The TTX40/46MT MkII comes with the MkII version of the well proven Valving Reference Program (VRP). This computer model of a dyno will allow you to find damping curves without a dynamometer. It will reduce building time tremendously and allow exact damping adjustment out in the pit lane. Download it for free at www.ohlins.com.



PART NO

TTX NH01	TTX40 MkII 207.6/48
TTX NH02	TTX40 MkII 243.6/56
TTX NH03	TTX40 MkII 264.6/68
TTX NH04	TTX40 MkII 321.6/80
TTX NH06	TTX40 MkII 390.6/100
TTX NH08	TTX40 MkII 480.6/130
TTX NI16	TTX46MT MkII 317/116 Universal strut
BMF 5H01	TTX46MT MkII BMW E90 Front
BMF 6H01	TTX40 MkII BMW E90 Rear
POF 5H00	TTX46MT MkII Porsche 997 Front
POF 6H00	TTX40 MkII Porsche 997 Rear

The units are delivered without springs, spring platforms* end eyes and mounting spacers and packers.

*Applies to TTX40 only.

