ÖHLINS TTX RT SHOCK ABSORBER SU 789

Cavitation. Something you don’t want in your shock absorber. It’s devastating because basically it means the damping is lost. Small bubbles in the oil can never create the necessary damping forces. Traditional dampers working in extreme conditions sometimes suffers from low pressure on the piston backside.

The TTX was created by Öhlins engineers to eliminate the risk for cavitation. They succeeded. With the TTX technology a positive pressure balance is created in the shock which means the risk for cavitation is gone.

TTX stands for Twin Tube with the X illustrating how the flow through the valves in the cylinder head is designed. Thanks to the twin tube technology the pressure usually created on top of the piston is transferred through the cylinder head and the adjusters for compression and rebound, then flows through the space between the inner and outer tube to the other side of the solid piston.

These equals to a pressure balance within the shock. The outer reservoir is only used to take care of the oil displacement from the piston rod and heat expansion, which is why it can be fairly small in design. Inside the reservoir there is a dividing piston between the oil and the nitrogen gas.

PART NUMBER

SU 789

TYPE CODE

T36PR1C1LB

T: Twin tube

36: Piston diameter: 36 mm





P: High pressure gas type of shock absorber with external “piggy back” reservoir.



R1: Adjustable rebound damping. Black adjuster on TTX36 shocks / silver adjuster on TTX GP shocks.



C1: Adjustable compression damping. Gold adjuster on TTX36 / TTX GP shocks.



L: Adjustable length.



B: Integrated hydraulic spring preload adjuster. Adjuster wheel or hexagon on the adjuster.

TECHNICAL DATA

Length:	320 +3/-3 mm
Stroke:	63 mm
Rate N/mm:	90 N/mm
Mounted spring:	21040-29

FITS FOR VEHICLES

SUZUKI GSX-R600 (2006 – 2010)

ABE (Germany)

SUZUKI GSX-R750 (2006 – 2010)

ABE (Germany)

PRICE AND AVAILABILITY

1.293,99 €

1.293,99 € plus 0,0% VAT

in stock

(3 - 5 business days)

ADD TO CART

The picture shown can deviate from the product delivered.



Öhlins Europe

Gottlieb-Daimler-Straße 25
53520 Meuspath
Germany

Phone: +49 (0) 2691 - 937780
Fax: +49 (0) 2691 - 9377890
E-Mail: de_info@ohlins.com

Office Hours

Monday to Friday
08:00 AM to 12:30 PM
01:30 PM to 05:00 PM