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Touratech Suspension EVO WTE Expedition – SET for Yamaha Ténéré 700 World Raid from 2022

The **Touratech Suspension EVO World Travel Edition Expedition Set** for the Yamaha Ténéré 700 World Raid is **the right choice for Adventure Bike riding and Offroad -Touring use**. The Extreme shock absorber is fitted with a position sensitive damping system (PDS), which utilises a second damping piston to provide hydraulic protection against bottoming out. **Even fully laden with luggage under the most extreme off-road conditions**, the bike will not bottom out and the shock absorber is protected against mechanical overload. Damping characteristics change depending on the road surface. When riding under most conditions, the shock absorber is comfortably adjusted for a less strenuous ride, before the PDS kicks in for the last portion of the shock absorber stroke. The linear fork springs **are perfectly matched to the fork on the Yamaha 700 Tenere**. They make the fork better suited to the demands of motorcycle touring. You will also experience a **significantly improved response and greater reserves in extreme situations**.

Facts at a glance:

- This Suspension SET is configured and adjusted ready for use based on our experience with the Yamaha Ténéré 700 World Raid.
- The parameters are: vehicle weight / shock absorber pivot point / design constraints / test rides.
- With this SET, the rear and front area of the motorcycle are adjusted and in perfect balance.



Characteristics of the Touratech Suspension EVO Extreme shock absorber:

Easy situational adjustment of setup and balance

The particularly robust "EVO Preload Adjuster" ensures simple and fast adjustment of the balance of the motorcycle to the respective load condition – solo rides, or tours with a partner plus a lot of luggage. The preload of the spring can be easily adjusted over a wide range of settings at comparatively low operating pressure via the large, easy-grip hand wheel.

Damping

In line with the simple spring preload, this high-end shock absorber has the finest **rebound adjustment** ever realised in a motorcycle shock absorber. The precise coordination results in optimum ground contact of the tyre with no unpleasant juddering or sagging of the rear, ensuring maximum riding dynamics and the highest level of safety.

The **compression damping** can be adjusted over a wide range of settings. With no tools required, even those with less experience can realise individual, reproducible setups that take high and low speed damping into account.

Robust Touratech setup for tough conditions

Thanks to the special Touratech setup, EVO suspension elements for the Yamaha Ténéré 700 are suitable "out of the box" for off-road use, even with a high payload.

Service-enabled Long Life components

Like all suspension elements from Touratech Suspension, EVO shock absorbers are of course fully service-enabled. From time to time or after severe stress on long-distance journeys, the dampers can be disassembled and overhauled. After that, they are like new again. For consistent performance and sustained riding pleasure.

The facts

- Robust, slim, lightweight precision design with low unsprung masses and maximum strength
- One-piece, milled base part for maximum rigidity and low weight
- New Hyper Flow damper piston for optimum oil flow regardless of operating temperature
- Low-friction seal for exceptionally low breakaway torque and sensitive response
- Robust "EVO Preload Adjuster" with wide range of settings, easy-grip hand wheel and low operating pressure
- Newly developed EVO rebound tuning with precise and effective click-adjustment
- Simple tuning of compression damping in the high and low speed range via adjustment wheels. Exact reproducibility thanks to cleanly engaging "clicks" and numerical scale
- High-quality Uniball bearings with minimum tolerances for highest wear resistance
- Robust Touratech setup for a wide range of applications
- End stop with progressive buffer
- Fully service-enabled

The basic setup fitted here is designed for riders up to 100 kg including luggage. Modifications are possible for a heavier rider (more than 100 kg) and/or if the bike is usually ridden with a passenger / with luggage. In this case, we individually modify the shock absorber to meet your needs by fitting a spring with a higher spring rate. Please fill out our suspension check form and send it back to us.

Scope of delivery:

- Ready-to-mount EVO shock absorber Typ Extreme (01-632-5895-0)
- Replacement springs LINEAR (7N/mm) for the original fork. (01-632-5888-0)
- Suitable fork oil.
- General Operating License
- Mounting instructions / user manual ONLINE

If you have any further questions, we will be happy to advise you. Contact us.

E-Mail: suspension@touratech.de

Or choose the Touratech dealer of your country.

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