



[www.touratech-suspension.com](http://www.touratech-suspension.com)

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### Touratech Suspension Cartridge Kit Extreme for KTM 790 Adventure / KTM 890 Adventure

Putting it simply, the **Touratech Suspension Cartridge Kit Extreme** is a suspension strut for the fork **and the absolute top end in terms of suspension technology. The Closed Cartridge is installed into the original fork.** This way the fork bridge/handlebar mount, brakes and wheel control and handlebar geometry are retained in full. No additional modifications to the fork are required. **This Closed Cartridge** is been developed perfectly for touring and riding with frequent and strongly differing loads and riding conditions or extreme requirements.

#### Your benefits:

The Extreme setup compensates for any volume of luggage, from the rear bag to a loaded luggage system and/or a pillion rider. Spring preload, compression and rebound can be fully adjusted top-side. The damping oil is contained in a closed cartridge which allows precise dosing of the amount of oil. Thus the Closed Cartridge offers a **significantly more refined and pleasant response behaviour of the fork.** The finely adjusted damping allows **effective and precise suspension settings to match your personal riding style** at all times, for all road conditions and intended uses, regardless of motorways/fast roads, country roads, country lanes, offroad sections, long-distance travel with big luggage or a speedy, ambitious driving style. Should exceptionally tough road conditions act on the front wheel, **the integrated "Hydraulic Endstop" prevents mechanical impacting of the fork.**

**You will experience a completely new ride with your motorbike.**

#### Features of the Touratech Suspension Closed Cartridges:

- The Closed Cartridge is installed into the original fork. This way the fork bridge/handlebar mount, brakes and wheel control and handlebar geometry are retained in full.
- No additional modifications to the fork are required
- A Closed Cartridge is an Extreme suspension strut in the fork.
- Fully adjustable top-side spring preloading (adjustment tool including with delivery) in both fork legs for optimal balance of the motorbike. 20mm via 12 clicks
- Separately adjustable rebound damping 20 clicks (1 fork leg)
- Compression damping 20 clicks (1 fork leg) for damping.
- For precise damping settings at high damping frequency and high load (poor roads, offroad with luggage).
- High damping stability and robustness through use of 35 mm piston.
- Closed design (Closed Cartridge), hence closed oil cartridge for damping and the oil in the fork is for lubrication only.
- Damping oil (cartridge) and nitrogen, in a nitrogen accumulator at the base of the cartridge.
- Extremely refined response behaviour of the fork while providing high durability and stability at the same time.

**Features of the Touratech Suspension Closed Cartridges:**

- The separation of oil and nitrogen avoids foam formation and no stickslip in the fork.
- This means reproducible damping performance at all times, even under the most extreme conditions.
- Prevents the fork from going solid. Each cartridge is fitted with an "Hydraulic endstop" against impacting.

**The basic setup is adjusted for the demanding adventure rider with luggage.**

Adaptation for exceptional requirements is possible. The suspension strut is then customised by us to your requirements using a spring with a suitable spring rate and other configurations.

**Please use our suspension check and send us the completed form.**

**Scope of delivery:**

- 2x Closed Cartridge
- with damper setting, (1x) rebound stage, (1x) compression stage.
- with spring preloading via adjustment tool (2x)
- adjustment tool
- ready for installation and ready-to-ride, fitted with pre-mounted fork spring.
- 1 litre oil (for installation of fork)
- user manual and instructions for installation
- 2x Fork protection sticker.

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

E-Mail: [suspension@touratech.de](mailto:suspension@touratech.de)

**Or choose the Touratech dealer of your country.**

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