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## **Touratech Suspension lowering shock (-35 mm) for Husqvarna Norden 901 from 2022 Type Extreme**

This shock absorber is perfect for reducing the seat height **(-35mm)** on the **Husqvarna Norden 901**. Your **Husqvarna Norden 901** stays well tuned and ideally suited to touring use. This shock absorber is perfectly suited to touring and riding with frequent dramatic changes in loading and riding conditions, and the most extreme demands. 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.

### **Most important features:**

- The shock absorber is configured on the basis of our experience with the **Husqvarna Norden 901** and is set "ready-to-ride".
- Parameters include weight of the vehicle / pivot of the shock absorber / constructional conditions / test rides.
- The shock absorber described here is designed for up to 100 kg weight of the rider including travel luggage.
- The rear and front sections of the motorcycle should be adjusted for all chassis solutions.
- If only one component is changed, optimal handling will not be achieved.
- IMPORTANT: We seriously advise against sliding the fork tubes up in the fork clamp. This has an extremely adverse effect on the motorbike's handling.

### **Please note:**

*To ensure the parked stability of your Husqvarna Norden 901 after it has been lowered, we recommend using shorter kick stand and/or the centre stand.*

### **Characteristics of the Touratech Suspension Extreme shock absorber:**

- The shock absorber body is made of aluminium. This keeps its weight to a minimum.
- All assemblies and components are designed for intense use on heavy touring motorcycles.
- Special low-friction seals are fitted. As a result, there is very little wear and the shock absorber has a long service life.
- Strong stainless steel bushings for the securing bolts are fitted to the spring eye. They make sure the securing bolt is seated firmly with no play even under maximum loads.
- Floating piston design. The floating piston separates the damping fluids – oil and nitrogen – allowing them to work separately. As a result, the shock absorber response is finer. Precise, high-performance damping even with very high damping frequency (bad roads, dirt tracks). Shock absorber cools better. Minimal restrictions for the shock absorber's fitting position on the motorbike.
- Hydraulic Extreme preload via an easily accessible, well positioned hand wheel. Race Team.

**Characteristics of the Touratech Suspension Extreme shock absorber:**

- The damper settings were developed in line with Touratech's experience and requirements. They are based on many miles travelled and experiences gained from use by the Touratech
- Extreme compression damping adjustment always has separate high speed and low speed settings. This allows highly individual compression/rebound adjustment. Perfect adaptability to changing requirements.
- Separate Extreme external reservoir in the shock absorber's damping assembly. Means shock absorber system cools better when riding. Gives the shock absorber greater resilience and a longer service life.
- QR barcode on the shock absorber contains individual shock absorber data. Simply scan with a smartphone to access the specific information for the shock absorber. Information on the shock absorber's factory settings is always available. Can be reset if incorrectly adjusted.

**Scope of supply:**

- shockabsorber ready to mount.
- Technical approval
- Mounting instructions / User –Manual

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

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

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