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**Touratech Suspension "rear" shock absorber for BMW R1200GS/1250GS Adventure from 2017 DDA / Plug & Travel**

This **Touratech Suspension DDA / Plug & Travel shock absorber** is an absolutely top class suspension component for your BMW R1200GS/R1250GS equipped with the BMW DDC Autolevelling system. This premium shock absorber is **systematically designed for long-distance touring with lots of luggage**, on any type of road surface and even off-road. **This Touratech Suspension DDA / Plug & Travel shock absorber simply replaces the BMW DDC shock.** The existing plug connectors and switches on the handlebar are retained and used as usual. As a result, this shock absorber **becomes an integral part of the motorcycle** via the original BMW control unit. This shock absorber can be used together with the original BMW front shock absorber. **The Touratech suspension system that adapts itself to the adventurer inside you so all you have to do is ride!**



**For BMW Dynamic ESA Next Generation "Autolevelling" from model 2017**

This **Touratech Suspension DDA / Plug & Travel shock absorber** is manufactured using the same precision components and parts that have been tried-and-tested in our shock absorbers over thousands of miles of touring, under the most intense conditions. **At the heart of this shock absorber is the high-performance DDA valve, developed and patented by Tractive.** It allows the damping to adjust in fractions of a second to any riding situation. To withstand the rigorous of long distance touring, our shock absorbers have a larger piston diameter, which means a larger oil capacity. This enables better cooling with a high damping frequency. As a result, the shock absorber and damping are more stable and there is less stress on the seals.

**Key features and facts for the DDA / Plug & Travel "rear" shock absorber**

- For the rigorous of long-distance touring, we use a **larger piston diameter** and the floating<sup>^</sup> piston design allows the oil and nitrogen to work separately. This achieves optimal heat dissipation under heavy loads while giving the shock absorber extremely fine response characteristics.
- Typical for Touratech uses tried-and-tested precision components and parts.
- External reservoir provides extra compression damping adjustment. Separate high speed and low speed settings for extremely fine and effective adjustment of the semi-active Touratech DDA basic damping setup.
- All riding modes and settings options in the BMW R 1200GS/R1250GS Adventure DDC Autolevelling system are fully retained.
- This Touratech shock absorber can be used together with the original BMW front shock absorber.

### **Key features and facts for the DDA / Plug & Travel "rear" shock absorber**

- The Touratech DDA / Plug & Travel shock absorber is operated via the original BMW handlebar controls.  
In the riding mode you select, the road conditions are actively monitored as you ride.
- Your bike's suspension adjusts to maintain perfect balance. The lean angle and acceleration sensors on your BMW R1200GS/R1250GS Adventure are also actively monitored.
- The shock absorber adjusts the damping in fractions of a second via the patented DDA valve virtually in real-time and is always optimally matched to the prevailing riding conditions.
- This gives you the greatest possible comfort, finest level of feedback and fantastic ride dynamics.
- The Touratech DDA shock absorber provides the best possible safety reserves since the shock detects all riding conditions and responds optimally in near real-time.
- Any volume of luggage from a tail bag to a fully loaded luggage system, with or without a pillion passenger, can be accommodated and the suspension setup easily adjusted via the BMW handlebar controls.
- The Touratech Suspension Plug & Travel shock absorber optimally implements the selected riding mode.
- The shock absorber described here is designed for a rider's weight including luggage of up to 100 kg. Modifications are possible for much heavier loads or other unusual requirements.

#### **Important, please note:**

- With this suspension solution, we recommend replacing the rear and front shock absorbers together.
- This is the only way to achieve the best possible handling with this premium suspension system.

#### **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 supply:**

- Touratech Suspension DDA Plug & Travel "REAR" shock absorber
- Ready to fit with plug connector and wiring
- 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)

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

Use this Link please: <http://www.touratech.de/en/touratech/touratech-international.html>