



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

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### **Touratech Suspension DDA / Plug & Travel SUSPENSION-SET for BMW R1200GS / R1250GS from 2017**

This **Touratech Suspension DDA / Plug & Travel suspension system** 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 suspension system 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.



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

#### **Key features and facts for the DDA / Plug & Travel suspension system**

- For the rigorous of long-distance touring, we use a larger piston diameter and the floating 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. Example application: Ideal adjustment for long off-road rides with heavy luggage. Ideal damping adjustment for journeys on country roads and/or a sporty riding style. Enables finer response from semi-active suspension system even with very high damping frequency (bad roads, off-road) while still maintaining high shock absorber life expectancy.
- **All riding modes and settings options in the BMW R 1200GS (LC)/R1250GS DDC Autolevelling system are fully retained.**
- The Touratech DDA / Plug & Travel suspension system 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 R 1200GS /R1250GS are also actively monitored.
- The suspension system 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.

### Key features and facts for the DDA / Plug & Travel suspension system

- This gives you the greatest possible comfort, finest level of feedback and fantastic ride dynamics.
- The Touratech DDA suspension system provides the best possible safety reserves since the suspension 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 pillion passenger, can be accommodated and the suspension setup easily adjusted via the BMW handlebar controls.
- The Touratech Suspension Plug & Travel suspension system optimally implements the selected riding mode.
- The suspension system 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.



**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 front shock absorber
- Touratech Suspension DDA Plug & Travel rear shock absorber
- Ready to fit with plug connector and wiring

**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>