

# The new BMW R 1200 GS Adventure. Contents.



<b>1.</b>	<b>The new BMW R 1200 GS Adventure. ....</b>	<b>2</b>
<b>2.</b>	<b>Equipment for the BMW R 1200 GS Adventure. ....</b>	<b>6</b>
<b>3.</b>	<b>Power and torque of the BMW R 1200 GS Adventure. ....</b>	<b>8</b>
<b>4.</b>	<b>Technical data for the BMW R 1200 GS Adventure. ....</b>	<b>9</b>
<b>5.</b>	<b>The colours of the BMW R 1200 GS Adventure. ....</b>	<b>10</b>

# 1. The new BMW R 1200 GS Adventure.



## **A summary of the main features of the BMW R 1200 GS Adventure:**

- Even more dynamic drive and improved traction.
- Reworked transmission and short first gear if required.
- Even more universal use through optional Enduro ESA.
- Reworked design emphasising the offroad and world travel character.
- Perfect, tried and tested series equipment for extreme tours.
- Colour options: Magnesium metallic matt, plain red.
- Special equipment and tailor-made accessories in accordance with the familiar BMW standards.

## **More powerful, better for offroad use – the world-trip enduro in a new trim.**

With the new R 1200 GS Adventure, BMW Motorrad is now presenting the third version of the ultimate long-distance enduro for globetrotters and adventurers. The reworked basic model was already characterised by a unique mixture of sporty handling and suitability for touring and offroad use, but the Adventure also wins hearts and minds with improved performance and traction, additional offroad qualities and a level of long-distance comfort that has been enhanced even further. These unique qualities combine with the very extensive range of series equipment to make the new R 1200 GS Adventure suitable for world trips the moment it leaves the factory. In comparison with its predecessor, the R 1150 GS Adventure, the new model is entering the market with numerous improvements and benefits from the extensive new developments that have also been introduced in the basic version.

## **More dynamic drive and improved traction.**

The new, even more dynamic drive of the R 1200 GS Adventure even manages to outstrip the 1170 cm<sup>3</sup> engine of its predecessor model, which provided confident propulsion in any conditions. With 105 HP power at 7,000 rpm, a maximum engine speed of 8,000 rpm and an even broader engine speed range, it provides the perfect conditions for confident driving whatever the conditions, in line with the special demands that a world trip enduro has to meet.

## **Reworked transmission and short first gear if required.**

Like the basic R 1200 GS version, the R 1200 GS Adventure places its trust in a completely reworked 6-gear transmission which, with its shortened transmission ratios and a shorter secondary ratio, provides clearly improved

traction and acceleration. Combined with the reworked engine, the R 1200 GS Adventure is much more lively and dynamic in the upper half of the engine speed range, whilst still providing more traction in the lower ranges.

With enlarged bearing diameters and changed shaft distance, the completely revised six-gear transmission takes account of the often extreme demands made of a world-trip enduro. In addition, a shorter first gear is offered for the R 1200 GS Adventure as a special option – this gives additional advantages when riding over very confined, difficult terrains.

### **Even more universal usage through the optional Enduro ESA.**

In terms of the frame, the R 1200 GS Adventure, which is fitted ex factory with spring travel that is 20 mm longer, also benefits from the new Enduro ESA, available, as with the R 1200 GS, as a special option; this allows the springing and shock absorption to be modified to all sorts of different operating conditions and load states simply by pressing a button.

With the additional electrohydraulic adjustment of the spring base at the front suspension strut, the Enduro ESA is also taking account, for the first time, of the specific requirements of a travel enduro, providing greatly improved impact safety during offroad travel without any of the associated disadvantages on the road, such as reduced negative spring travel or higher seat height. The Enduro ESA distinguishes between various road and off-road modes, within which the rider can also make further modifications in line with the particular requirements by selecting particular springing and shock absorption modes.

### **Revised design emphasizing the offroad and world travel character.**

With its sturdy, masculine language and emphatically enduro attributes, the new R 1200 GS Adventure continues the successful design concept of its predecessor model. Whilst the tank section has been taken over without change from its predecessor, the newly designed upper mudguards at the front, the modified fin to the cooling air guide and the white LED rear light and white indicators combine with the new colours and surfaces to make this bike look even tougher.

Power and sportiness, dynamics and technical elegance in equal measures characterise the R 1200 GS Adventure through a deliberate contrast between black components and two new colour variants. Magnesium metallic matt underlines the technical character of the R 1200 GS Adventure, whilst a strong plain red emphasizes the sporty side. The colour-coordinated seat is another clear difference from the basic model.

**Tried and tested, perfect standard equipment for extreme touring.**

Compared with the basic R 1200 GS version, the R 1200 GS Adventure is appearing on the market with the much expanded standard equipment taken over from its predecessor model. Its 33 litre tank, for example, allows the rider to drive for much longer stages. At a speed of a constant 90 km/h, the theoretical range is around 750 kilometers. In this way, the new R 1200 GS Adventure can cover far greater distances than any of its competitors.

On fast stretches, the windscreen of the new R 1200 GS Adventure deflects air flows past the rider largely without any turbulence, thus effectively reducing the burden on the head and upper body at high speeds in particular. Additional specially shaped flaps attached behind the windscreen also reduce drafts in the lower back area. The angle of the windscreen can be adjusted, providing outstanding wind and weather protection for riders of all sizes.

Wide enduro footrests and adjustable levers for the footbake and gear shifts taken account of the often changing requirements in offroad use in particular and can be adjust both to personal driving styles and habits and to different styles of shoes.

The rough conditions on long-distance trips and over extreme terrain away from surfaced roads are taken into consideration by the new, double-buttet handlebar in alumnium, which can be mounted in two positions, depending on the intended purpose, and new hand protectors, now mounted directly on the handlebar.

As previously, a stable, sturdy pipe structure made from high-grade steel protects the tank and frame effectively from the consequences of accidental contact, especially over land. In addition, high-quality aluminium covers protect the valve covers against tough impacts.

As in the predecessor model, tough, practical luggage fixing devices are provided by the spacious, stable luggage bridge, made from high-grade steel, which will also take the aluminium topcase, available on request.

The two-part bench seat, which can be adjusted to two heights in the driver section, gives an optimum seat position, as previously. In the upper position, at 915 mm seat height, it offers the rider the comfort of a continous eat surface without level changes and allows the necessary freedom of movement over land too. In the lower position, the seat height of 895 mm gives good ground reach and a stable postion. This is also supported by the special design of the bench seat, which is particularly narrow in the front section.

**The main features of the new BMW R 1200 GS Adventure  
in comparison with the basic BMW R 1200 GS version.**

- 33-litre tank.
- Larger windscreen.
- Tank, engine and valve cover protection.
- High-grade steel luggage bridge.
- Adjustable bench seat with off-road ergonomics.
- Hand protectors.
- Longer spring travel for improved off-road suitability.
- Spoked wheels.
- Wide rider footrests, adjustable gear shift and braking levers.

## 2. Equipment for the BMW R 1200 GS Adventure.



### **Special equipment and special accessories.**

In line with its extremely wide range of applications, a wide range of equipment, tailored both to the vehicle and to specific customer requirements, is available for the new R 1200 GS Adventure. Special equipment is supplied ex factory; special accessories are installed by the local BMW motorcycle dealer.

### **Special equipment.**

- Enduro ESA.
- BMW Motorrad Integral ABS (partly integral, can be switched off).
- RDC.
- ASC
- Off-road tyres (no extra cost).
- On-board computer including oil level warning.
- Theft alarm with remote control.
- Chromium-plated exhaust.
- Heated grips.
- Short first gear.
- Aluminium case luggage holder.
- Additional headlights.
- On-board computer.

### **Special accessories.**

#### **Storage space programme.**

- Aluminium case.
- Luggage holder for aluminium case.
- Aluminium topcase.
- Topcase carrier.
- Back cushion for aluminium topcase.
- Practical inside bag for aluminium suitcase and topcase.
- Carrying handle for aluminium case (for 1 case or topcase).
- Softbag Sport large, 51 l.\*
- Softbag Sport small, 19 l.\*
- Baggage roll 53 l, watertight.\*
- Tank rucksack Adventure.

### **Design.**

- Front wheel mudguard Carbon.\*
- Splash protection rear Carbon.\*
- Telelever and fork brace.\*
- BMW badge for fork brace.\*
- LED indicator lights.\*/\*\*
- White indicator lights.\*

### **Sound.**

- Sport silencer by Akrapović®.\*

### **Ergonomics and comfort.**

- Handlebar cross strut.\*
- Padding for handlebar cross strut.\*
- Tinted windscreen.\*
- Low driver seat (820 mm) black or grey.
- High driver seat, adjustable (915/895 mm) black or grey.
- LED light for onboard socket 410 mm.\*
- Additional socket.\*
- Heated grips.\*/\*\*

### **Navigation and communication.**

- BMW Motorrad Navigator.\*
- Holder for BMW Motorrad Navigator.
- Function Navigator Bag.\*

### **Safety.**

- Large top spoiler for hand protection.\*
- Cylinder protection.
- Heavy-duty enduro aluminium underbody protection.\*
- Extra headlight.\*
- Holder for extra headlight.
- Offroad protective shield (for offroad use only).
- Theft warning with remote control.\*/\*\*
- RDC.\*

### **Maintenance and technology.**

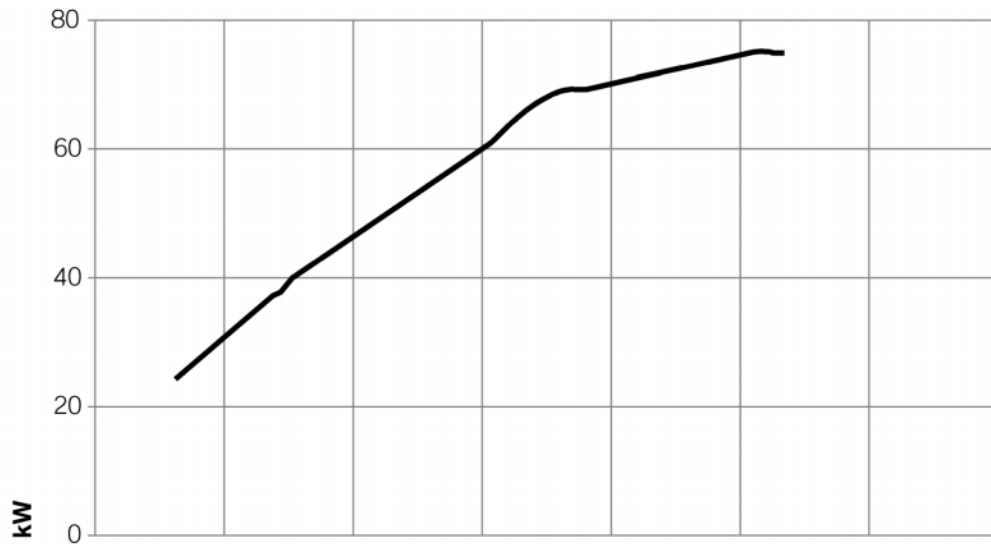
- Paddock stand.\*
- Set of on-board service tools.\*
- Add-on on-board tools.\*
- Safety screw, oil filler nozzle.\*
- Emergency kit, cylinder head.\*

\* As for R 1200 GS.

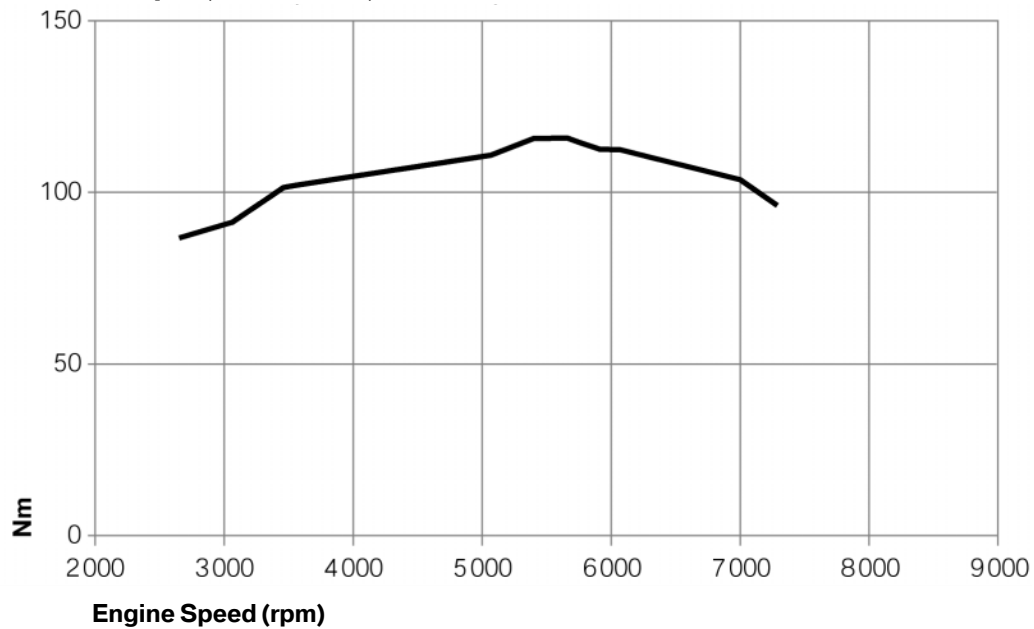
\*\* Also available ex factory as special equipment.

### 3. Power and torque of the BMW R 1200 GS Adventure.

Engine output (to 95/1/CE)



Torque (to 95/1/CE)





## 4. Technical data for the BMW R 1200 GS Adventure.

BMW R 1200 GS Adventure (77 kW)			
<b>Engine</b>			
Capacity	cm <sup>3</sup>		1170
Bore/lift	mm		101/73
Power	kW/PS		77/105
at engine speed	min <sup>-1</sup>		7500
Torque	Nm		115
at engine speed	min <sup>-1</sup>		5750
Design			Boxer
No. of cylinders			2
Compression/fuel			12.0/S
Valve/gas control			HC (high camshaft)
Valves per cylinder			4
Diam. inlet/outlet	mm		36/31
Throttle valve diameter	mm		47
Mixture preparation			Electronic manifold injection BMS-KP
Exhaust purification			Regulated three-way catalyst
<b>Electrical systems</b>			
Generator	W		720
Battery	V/Ah		12/14 maintenance-free
Headlights	W		H7
Starter	kW		1,1
<b>Power transmission/gears</b>			
Clutch			Single-disc dry coupling Ø 180 mm
Gears			dog-coupled six-gear transmission
Primary transmission			1,737
Transmission, gear stages I			2,375
II			1,646
III			1,296
IV			1,065
V			0,939
VI			0,848
Rear wheel drive			Cardan shaft
Transmission			2,91
<b>Frame</b>			
Frame design			Steel tubular frame, carrying the engine
Front wheel suspension			BMW Telelever
Rear wheel suspension			BMW Paralever
Spring travel front/rear	mm		210/220
Castor	mm		97.6
Wheel spacing	mm		1511
Headset angle	°		63,8
Brakes	front		Double disc brake, Ø 305 mm
	rear		Single disc brake Ø 265 mm
			if required: BMW Motorrad Integral ABS (partly integral, can be switched off)
Wheels			Spoked wheel
	front		2,5 x 19
	rear		4,0 x 17
Tyres	front		110/80 R 19
	rear		150/70 R 17
<b>Dimensions and weights</b>			
Total length	mm		2250
Total width with mirrors	mm		980
Handlebar width without mirror	mm		950
Seat height	mm		915/895
Dry weight	kg		223
DIN tare, full tank	kg		256
Perm. total weight	kg		475
Tank capacity	l		33
<b>Travel data</b>			
Fuel consumption	90 km/h	l/100 km	4,6
	120 km/h	l/100 km	6,1
Acceleration	0–100 km/h	s	3,9
Maximum speed		km/h	>200

## 5. The colours of the BMW R 1200 GS Adventure.

	<b>Colour</b>	<b>Seat</b>	<b>Knee cover</b>
BMW R 1200 GS Adventure	Magnesium metallic matt	Black	Black
	Plain red	Black	Black