



BMW Motorrad

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The Ultimate
Riding Machine

Supplementary rider's manual

R 1200 GS Rallye

Vehicle data/dealership details

Vehicle data

Model

Vehicle Identification Number

Colour code

Date of first registration

Registration number

Dealership details

Person to contact in Service department

Ms/Mr

Phone number

Dealership address/phone number (company stamp)

Welcome to BMW

We are delighted that you have opted for the Rallye style variant for your R 1200 GS by BMW Motorrad and welcome you to the circle of BMW riders. Familiarise yourself with your new vehicle so that you can use it safely and confidently in all traffic situations.

View this equipment range

Read this rider's manual before you start your new BMW. This document includes important information on how to operate your vehicle and fully benefit from the technical advantages of your BMW featuring the Rallye style variant.

In addition, you will find information on servicing and care that will help with safety in use and on the road, and will ensure that your vehicle keeps its value.

Proof of maintenance work completed is a prerequisite for treating claims as goodwill.

Make sure you also pass on the rider's manual of your BMW should you decide to sell it one day. It represents a vital element of your vehicle.

Suggestions and criticism

If you have any questions surrounding your vehicle, do not hesitate to contact your authorised BMW Motorrad Retailer at any time.

We hope you enjoy your BMW and wish you a safe and pleasant journey.

BMW Motorrad.

01 40 8 389 371



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General instructions

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Overview

An important aspect of this Rider's Manual is that it can be used for quick and easy reference. Consulting the extensive index at the end of this Rider's Manual is the fastest way to find information on a particular topic or item. To first read an overview of your motorcycle, please go to Chapter 2.

When the time comes to sell your BMW, please remember to hand over this Rider's Manual; it is an important part of the motorcycle.

Abbreviations and symbols



CAUTION Low-risk hazard. Non-avoidance can lead to slight or moderate injury.



WARNING Medium-risk hazard. Non-avoidance can lead to fatal or severe injury.



DANGER High-risk hazard. Non-avoidance leads to fatal or severe injury.



ATTENTION Special notes and precautionary measures. Non-compliance can lead to damage to the vehicle or accessory and, consequently, to voiding of the warranty.



NOTICE Specific instructions on how to operate, control, adjust or look after items of equipment on the vehicle.



Indicates the end of an item of information.



Instruction.



Result of an activity.



Reference to a page with more detailed information.



Indicates the end of a passage relating to specific accessories or items of equipment.



Tightening torque.



Technical data.

NV

National-market version.

OE

Optional extras.

The vehicles are assembled complete with all the BMW Motorrad optional extras originally ordered.

OA	Optional accessories. You can obtain BMW Motorrad optional accessories through your authorised BMW Motorrad dealer; optional accessories have to be retrofitted to the vehicle.
ABS	Anti-lock brake system.
ASC	Automatic Stability Control.
D-ESA	Electronic chassis and suspension adjustment.
DWA	Anti-theft alarm (Diebstahlwarnanlage).
EWS	Electronic immobiliser.
RDC	Tyre pressure monitoring.

Equipment

When you purchased your BMW motorcycle, you chose a model with individual equipment. This Rider's Manual describes the optional extras (OE) offered by BMW and selected optional accessories (OA). This explains why the manual may also contain equipment specifications which you have not ordered. Please note, too, that your motorcycle might not be exactly as illustrated in this manual on account of country-specific differences. If your motorcycle contains equipment that has not been described, its description can be found in a separate manual.

Technical data

All dimensions, weights and power ratings stated in the Rider's Manual are quoted to the standards and comply with the

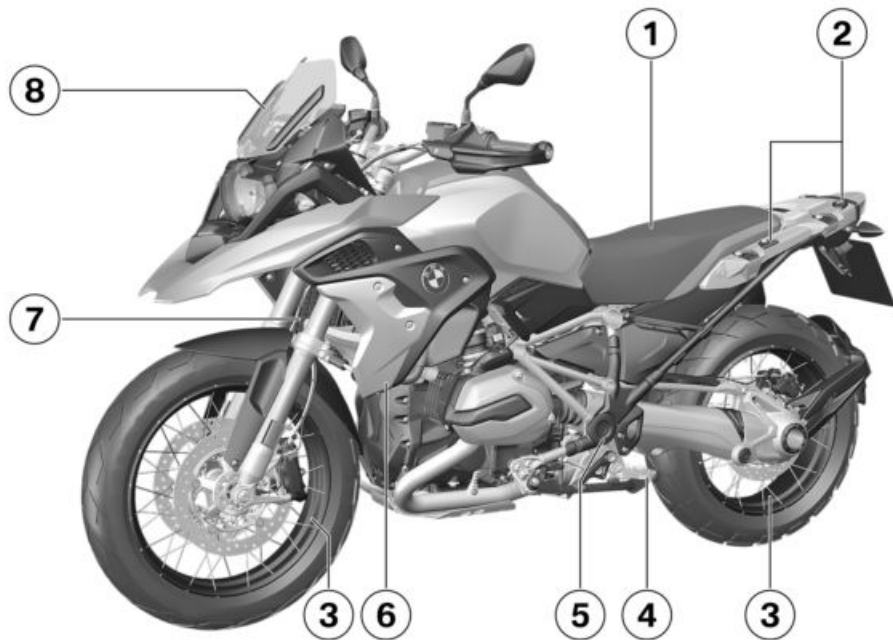
tolerance requirements of the Deutsches Institut für Normung e.V. (DIN). Versions for individual countries may differ.

Actuality

The high safety and quality level of BMW motorcycles is ensured by continuous development work on design, equipment and accessories. Because of this, your motorcycle may differ from the information supplied in the Rider's Manual. Nor can BMW Motorrad entirely rule out errors and omissions. Consequently no claims can be derived from the information, graphics or descriptions.

General views

Overall view	9
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Overall view

- 1** Rallye motorcycle seat
(low) (➡ 14)
- 2** Protective caps (➡ 18)
- 3** Cross-spoked wheels
(➡ 32)
- 4** Enduro footrest
- 5** Frame guard (➡ 15)
- 6** Stainless steel radiator
cowl
- 7** Radiator guard (➡ 25)
- 8** Sports windshield (➡ 16)

Introduction

Rallye style variant	12
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Rallye style variant

The Rallye style variant underlines the sporty character of the R 1200 GS. Colour design in Lupin Blue Metallic, clear-coated labels on the sides of the fuel tank in BMW Motorsport colours and most of all the powder-coated Cordoba Blue frame already visually describe the sportiest standard GS of all times.

The equipment of the R 1200 GS Rallye has been consistently geared towards an increased off-road performance.

The Rallye style variant consists of:

- **Rallye motorcycle seat**, perfectly ergonomically shaped for maximum freedom of movement and good levels of comfort, also with a passenger.
- Low-cut **sports windshield** for an unrestricted view of

rough terrain ahead and freedom of movement when riding while standing up.

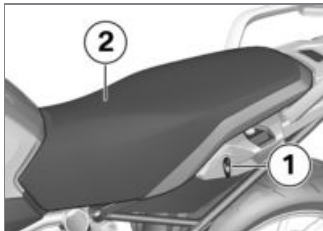
- **Radiator cowls** made of durable stainless steel.
- **Radiator protective grilles**, protect from stone chipping when riding closely behind vehicles ahead.
- **Enduro footrests**, wide version for stability.
- **Cross-spoked wheels**, optionally with off-road tyres.
- Enclosed **frame guard**, protects the frame from wear caused by heavy-duty contact with boots.
- Enclosed **protective caps** for the sporty, slim rear when the luggage carrier has been removed.

Operation

Rallye motorcycle seat	14
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Sport suspension	16

Rallye motorcycle seat

Remove the Rallye motorcycle seat



- Unlock the seat lock **1** clockwise using the ignition key and keep hold of the ignition key.
- Lift the motorcycle seat **2** at the rear and let go of the ignition key.
- Remove the motorcycle seat and put it to one side on a clean surface with the upholstery facing down.

Note height adjustment

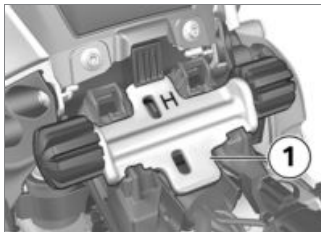


WARNING

Incorrectly installed motorcycle seat

Risk of coming off, component damage

- Make sure the motorcycle seat has been securely mounted during installation.
- Observe the correct height adjustment setting ◀

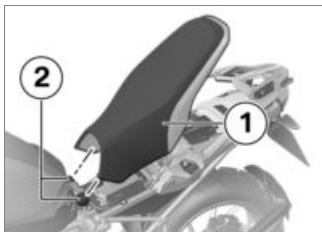


- The front height adjustment **1** must always be adjusted to the high position (H identification).



- The rear height adjustment **1** must always be adjusted to the low position (L identification).

Installing the Rallye motorcycle seat



- Insert the Rallye motorcycle seat **1** into the fixtures **2** on the left and right and subsequently press the rear of the seat forwards and downwards until the lock audibly engages.



NOTICE

See the rider's manual of the vehicle for instructions on how to remove and install the seats with Comfort package optional equipment. ◀

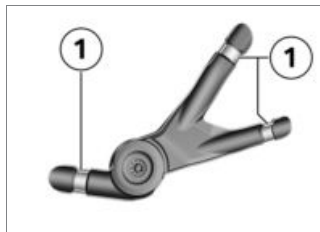
Installing the frame guard

Requirement

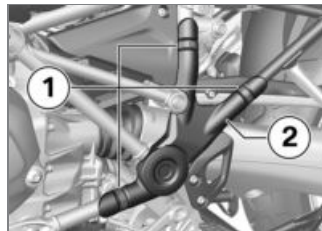
The frame guard was not installed upon vehicle handover.

Requirement

The bonding areas must be dry and free from dust as well as grease.



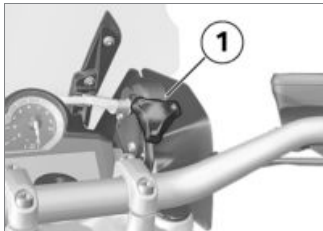
- Pull off the protective films from the foam strips **1** on the inside.



- Position the frame guard **2** and press it on at the bonding areas.
- Install the rubber bands **1**. Position the sealing area on the inside of the frame to prevent the rubber bands from being opened by coming into contact with boots.
- Install the frame guard on the opposite side in the same way.

Windscreen

Adjusting windscreen



WARNING

Adjusting the windscreen while riding.

Risk of falling

- Do not attempt to adjust the windscreen unless the motorcycle is at a standstill.◀
- Turn knob **1** clockwise to lower the windscreen.
- Turn knob **1** counter-clockwise to raise the windscreen.

Sport suspension

– with sport suspension^{OE}

Thanks to optimised suspension geometry the sports suspension generates more agility, improved handling and leeway when riding off road. Harder springs, longer spring struts and an extended spring travel enable improved off-road performance.



Additional spring travel

20 mm



NOTICE

The sports suspension's range of adjustment corresponds to that of the standard chassis and suspension. Refer to the rider's manual of the vehicle.◀

Off-road use

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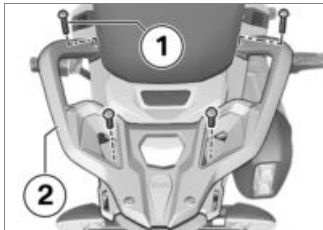
Conversion

Removing the luggage carrier



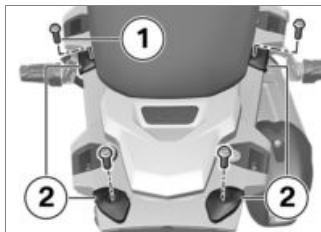
NOTICE

Always install the rear footrests and grab handles for two-up mode. ◀



- Installing the rear-wheel stand (▶ 30).
- Remove the screws **1** and detach the luggage carrier **2**.

Installing the luggage carrier covers



- Installing the rear-wheel stand (▶ 30).
- Position the luggage carrier covers **2**.
- Install screws **1**.



Grab handle bore trim on rear frame

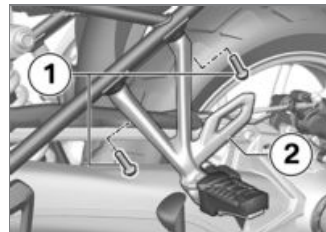
8 Nm

Removing the rear footrest brackets



NOTICE

Always install the rear footrests and grab handles for two-up mode. ◀



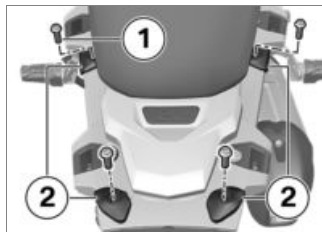
- Installing the rear-wheel stand (▶ 30).
- Remove the screws **1** and remove the left-hand rear footrest bracket **2**.
- It is necessary to remove the rear silencer before removing the right-hand rear footrest bracket.

- Removing the rear silencer (➡ 20).



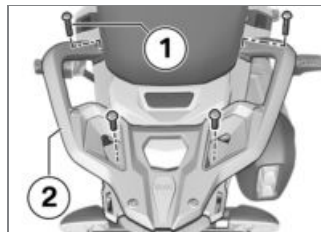
- Remove the screws **1** and remove the right-hand rear footrest bracket **2**.
- Installing the rear silencer (➡ 21).

Removing the luggage carrier covers



- Installing the rear-wheel stand (➡ 30).
- Remove screws **1**.
- Remove the luggage carrier covers **2**.

Installing luggage carrier



- Installing the rear-wheel stand (➡ 30).
- Clean the threads.
- Position the luggage carrier **1**.
- Install **new microencapsulated screws 1**.

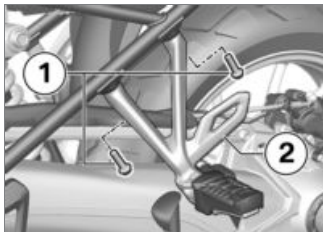


Luggage carrier on rear frame

Thread-locking compound:
Micro-encapsulated

19 Nm

Installing the rear footrest brackets



- Installing the rear-wheel stand (➡ 30).
- Clean the threads.
- Position the left-hand rear footrest bracket **2** and install it using **new microencapsulated screws 1**.



Footrest bracket to rear frame

Thread-locking compound:
Micro-encapsulated

38 Nm

- It is necessary to remove the silencer before installing the right-hand rear footrest bracket.
- Removing the rear silencer (➡ 20).



- Clean the threads.
- Position the right-hand rear footrest bracket **2** and install it using **new microencapsulated screws 1**.



Footrest bracket to rear frame

Thread-locking compound:
Micro-encapsulated

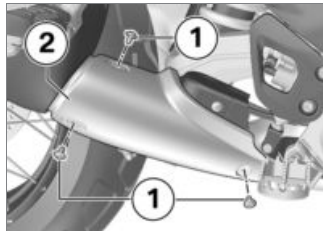


Footrest bracket to rear frame

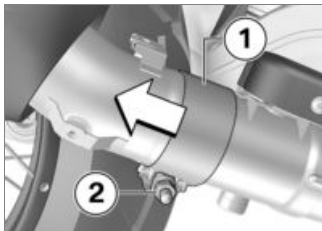
38 Nm

- Installing the rear silencer (➡ 21).

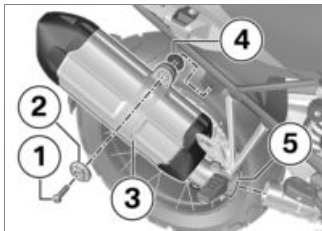
Removing the rear silencer



- Installing the rear-wheel stand (➡ 30).
- Remove screws **1**.
- Remove the silencer cover **2**.



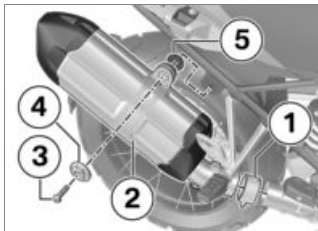
- Loosen the nut **1** and slide the clamp **2** towards the rear.



- Remove the screw **1** and the washer **2**.

- Remove the rear silencer **3** including chafing protection washer **4** and clamp **5**.

Installing the rear silencer



- Installing the rear-wheel stand (▶▶ 30).
- Thinly lubricate the inside of the clamp **1** and slide it onto the rear silencer.
- Thinly coat the inner diameter of the rear silencer **2** and slide it on up to the limit position.



Lubricant

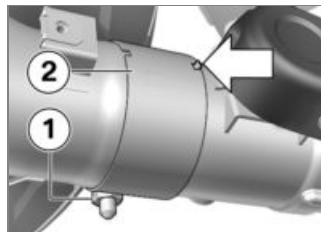
Copper paste

- Install the screw **3** including washer **4** and chafing protection washer **5**.



Silencer to rear frame

19 Nm

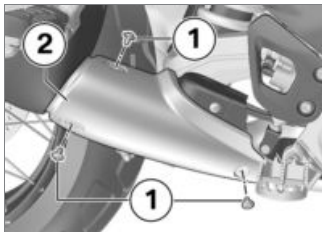


- Position the clamp **1** with the recess in the lug **arrow**.
- Tighten nut **2**.



Clamp to silencer and exhaust manifold

22 Nm



- Position the cover **2** and install the screws **1**.



Cover on silencer/exhaust manifold

Tightening sequence: 1. exhaust manifold, 2. silencer (top), 3. silencer (bottom)

5 Nm

Riding

Riding with off-road tyres

The R 1200 GS can be equipped with off-road tyres for off-road applications.



NOTICE

It is possible to adapt the tyre pressure accordingly when riding with off-road tyres in rough terrain. ◀

We recommend you switch off RDC when you have changed the tyre pressure to prevent incorrect on-board computer notifications.

Maximum speed with knobbly tyres or winter tyres



DANGER

Maximum speed of the motorcycle is higher than the permissible maximum rated speed of the tyres

Risk of accident due to tyre damage at high speed

- Comply with the tyre-specific speed restrictions. ◀

Always bear the maximum permissible speed of the tyres in mind when riding a motorcycle fitted with knobbly tyres or winter tyres.

Affix a label stating the maximum permissible speed to the instrument panel in the rider's field of vision.

Deactivate the RDC for off-roading

– with riding modes Pro^{OE}

Requirement

The motorcycle should be driven with reduced tyre pressure when off road.

Requirement

Either the ENDURO or ENDURO PRO riding mode has been set in order to be able to switch the RPA off.

- Switch on the ignition.



- Repeatedly press button **1** briefly until the top display line **2** shows SETUP ENTER.
- Press and hold button **1** to start the SETUP menu.



- Press button **1** briefly to go to the next menu item RDC.
 - » In the top display line **2**, RDC is displayed.
 - » The bottom display line **3** shows the preset value.
- Press button **4** briefly in order to change the set value.
 - » The following settings are possible RDC Enduro:
 - ON: The RDC warning symbol in the display does not show. Only a tyre pressure that is outside the permitted tolerance is displayed.



OFF: The RDC warning symbol is shown in the display and the tyre pressure outside of the permitted tolerance is shown.

After off-roading

BMW Motorrad recommends checking the following after riding the motorcycle off-road:

Tyre pressure



WARNING

Lowering the tyre pressure for off-roading during operation on road.

Risk of accident due to impaired handling characteristics.

- Always check that the tyre pressures are correct.◀

Checking the tyre pressure
(➡ 31)

Brakes



WARNING

Riding on unsurfaced roads or dirty road surfaces.

Delayed braking effect due to dirty brake discs and brake pads.

- Apply the brakes in good time until the brakes have been cleaned.◀



ATTENTION

Riding on unsurfaced or dirty roads

Increased brake pad wear

- Check the thickness of the brake pads more frequently and replace the brake pads in good time.◀

Spring preload and shock-absorber settings



WARNING

Changed values for spring preload and spring-strut damping for riding off-road.

Impaired handling characteristics on surfaced roads.

- If you have been off-roading, be sure to correct spring preload and spring-strut damping characteristics before you return to surfaced roads.◀

Rims

BMW Motorrad recommends checking the rims for damage after off-roading.

Checking the wheel rims (➡ 32)

Air filter element



ATTENTION

Dirty air filter element

Engine damage

- If you ride in dusty terrain check the air filter element for clogging at shorter intervals; clean or replace as necessary.◀

Checking and if necessary, renewing the air cleaner (➡ 34). Operation in very dusty conditions (desert, steppes, or the like) necessitates the use of air filter elements specially designed for conditions of this nature.

Cleaning

Cleaning after having been off road

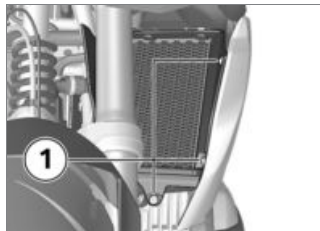


NOTICE

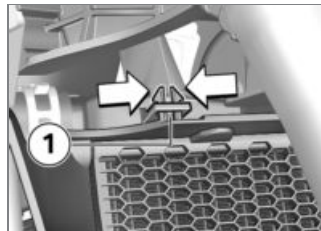
Refer to the rider's manual of the vehicle for general notes on cleaning.◀

Remove the parts described in the following to simplify cleaning your R 1200 GS featuring the Rallye style variant after having used it off road.

Removing the radiator protective grille



- Installing the rear-wheel stand (➡ 30).
- Remove screws **1**.

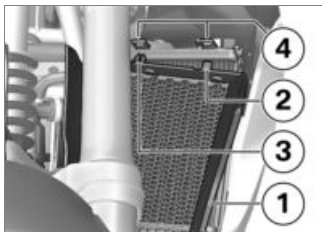


- Press together the retaining hook **1**.

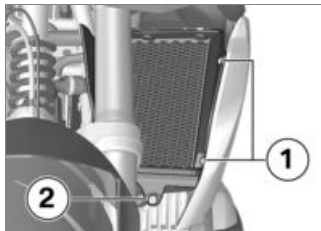


- Remove the radiator protective grille **1** towards the bottom.

Installing the radiator protective grille

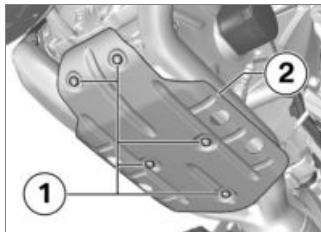


- Installing the rear-wheel stand (→ 30).
- Insert the radiator protective grille **1** with the retaining lug **2** and the retaining hook **3** in the fixtures on the radiator **4**.



- Install screws **1**.
- Install screw **2**.

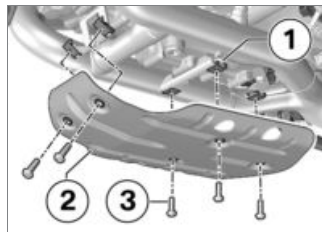
Removing engine guard



- Installing the rear-wheel stand (→ 30).

- Remove the screws **1** and remove the engine guard **2**.

Installing the engine guard



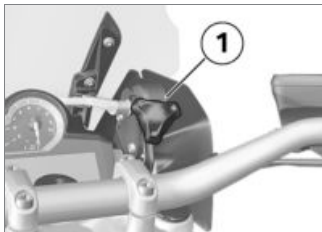
- Installing the rear-wheel stand (→ 30).
- Make sure the flat nuts **1** have been positioned correctly.
- Position the engine guard **2**.
- Install screws **3**.



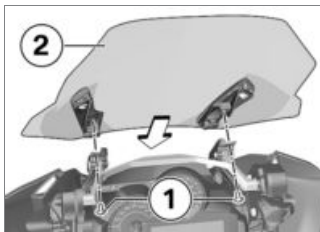
Engine guard to bracket

8 Nm

Remove windscreen

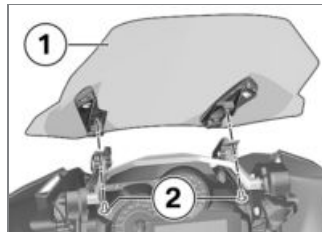


- Installing the rear-wheel stand (➡ 30).
- Turn the adjuster knob **1** anti-clockwise and adjust the windshield to maximum height.



- Remove screws **1**.
- Loosen the windshield **2 towards the bottom** and remove it.

Fit windscreen



- Installing the rear-wheel stand (➡ 30).
- Place windscreen **1** in position.
- Install screws **2**.



Windscreen to wind-screen adjuster

4 Nm

Maintenance

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Tyres	31
Rims	32
Maintenance work after off-road riding	33

General instructions

The "Maintenance" chapter describes straightforward procedures for checking and replacing certain wear parts.

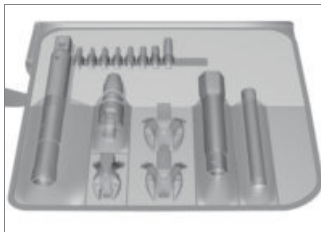
Special tightening torques are listed as applicable. The tightening torques for the threaded fasteners on your vehicle are listed in the section entitled "Technical data".

Further information on maintenance and repair work is available from your BMW Motorrad authorised dealer in the form of a DVD.

Some of the work requires special tools and a thorough knowledge of the technology involved. If you are in doubt, consult a specialist workshop, preferably your authorised BMW Motorrad dealer.

Service toolkit

– with service tool kit^{OA}

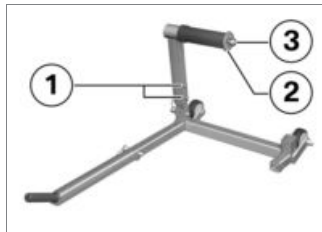


BMW Motorrad has assembled a service toolkit that is ideal for carrying out extended service work (e.g. removing and installing wheels) on this motorcycle. You can obtain the tools set from your authorised BMW Motorrad dealer.

Rear-wheel stand

Installing the rear-wheel stand

- Place the motorcycle on its stand on firm, even ground.
- Use the rear-wheel stand with rear axle adapter. The rear-wheel stand and its accessories are available from your authorised BMW Motorrad Retailer.



- Use screws **1** to set the rear-wheel stand to the desired height.

- Remove retaining disc **2**. To do so, press release button **3**.



- Slide the rear-wheel stand into the rear axle from the left.
- Connect the lock washer from the right. For this purpose, press the release button.



ATTENTION

Vehicle topples to side when being lifted on to stand

Risk of damage to parts if vehicle topples

- Secure the vehicle to prevent it toppling, preferably with the assistance of a second person.◀
- Hold the motorcycle upright and at the same time press the handle of the stand back until both rollers of the stand are on the ground.
- Then press the handle down to the ground.

Tyres

Checking tyre pressure



WARNING

Incorrect tyre pressure

Impaired handling characteristics of the motorcycle, shorter useful tyre life

- Always check that the tyre pressures are correct.◀



WARNING

Tendency of valve inserts installed vertically top open by themselves at high riding speeds.

Sudden loss of tyre pressure.

- Install valve caps fitted with rubber sealing rings and tighten firmly.◀
- Place the motorcycle on its stand on firm, even ground.

- Check tyre pressures against the data below.



Tyre pressure, front

2.5 bar (tyre cold)



Tyre pressure, rear

2.9 bar (tyre cold)

If tyre pressure is too low:

- Correct tyre pressure.

Checking tyre tread depth



WARNING

Riding with badly worn tyres

Risk of accident due to impaired handling

- If applicable, have the tyres changed in good time before they wear to the minimum tread depth permitted by law.◀

- Place the motorcycle on its stand on firm, even ground.
- Measure the tyre tread depth in the main tread grooves with wear marks.



NOTICE

Wear indicators are built into the main profile grooves on each tyre. The tyre is worn out when the tyre tread has worn down to the level of the marks. The locations of the marks are indicated on the edge of the tyre, e.g. by the letters TI, TWI or by an arrow.◀

If the tyre tread is worn to minimum:

- Replace tyre or tyres, as applicable.

Rims

Checking rims

- Place the motorcycle on its stand on firm, even ground.
- Visually inspect the rims for defects.
- Have damaged rims inspected by a specialist workshop and replaced if necessary, preferably by an authorised BMW Motorrad dealer.

Checking spokes

- Place the motorcycle on its stand on firm, even ground.
- Use a screwdriver handle or similar object to brush over the spokes and pay attention to the sequence of sounds.

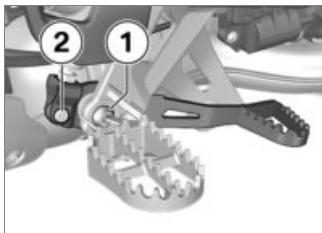
If the sequence of sounds is irregular:

- Have the spokes checked by a specialist workshop, preferably by an authorised BMW Motorrad Retailer.

Maintenance work after off-road riding

Checking the footbrake lever's ease of movement

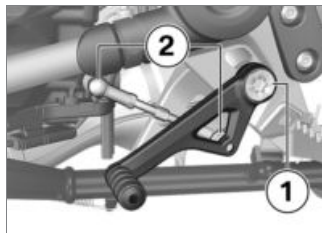
- Place the motorcycle on its stand on firm, even ground.



- Check the gearshift lever mount **1** and deflection point **2** for ease of movement.
- In the event of stiff movement:
- Have the footbrake lever checked by a specialist workshop, preferably by an authorised BMW Motorrad Retailer.

Checking the gearshift lever's ease of movement

- Place the motorcycle on its stand on firm, even ground.



- Check the gearshift lever mount **1** and deflection points **2** for ease of movement.
- In the event of stiff movement:
- Have the gearshift lever checked by a specialist workshop, preferably an authorised BMW Motorrad Retailer.

Check the side stand's ease of movement

- Installing the rear-wheel stand (→ 30).
- Check the side stand's ability to move by folding it in and out.

If the side stand is stiff:

- Have the side stand checked by a specialist workshop, preferably by an authorised BMW Motorrad Retailer.

Checking the side-stand switch function

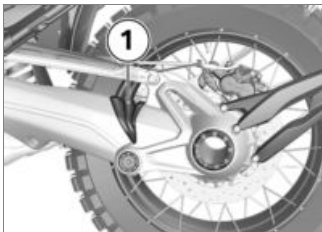
- Switch off the engine and fold out the side stand.
- Operate and hold the clutch, switch on the ignition and start the engine.
 - » The engine starts.
- Engage first gear.
 - » The engine stops.

If the engine fails to stop:

- Have the side-stand switch checked by a specialist workshop, preferably by an authorised BMW Motorrad Retailer.

Checking the gaiter

- Place the motorcycle on its stand on firm, even ground.



- Check the gaiter **1** is positioned correctly and has not developed cracks.

If the gaiter has come loose or there are cracks:

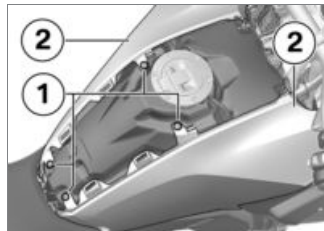
- Have the gaiter checked by a specialist workshop,

preferably by an authorised BMW Motorrad Retailer.

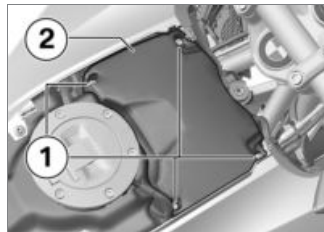
Checking the air filter element, replacing it if necessary



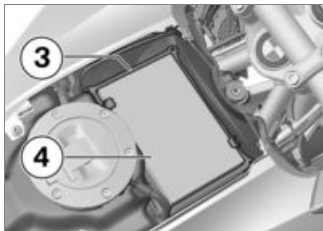
- Installing the rear-wheel stand (➔ 30).
- Remove the Rallye motorcycle seat (➔ 14).
- Remove screws **1** and **2**.
- Remove the centre trim panel.



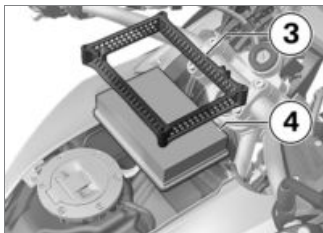
- Remove screws **1**.
- Loosen the cover **2** on both sides.



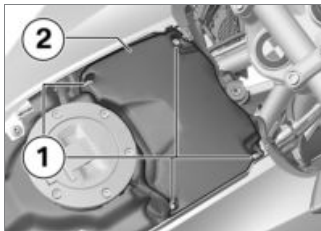
- Remove screws **1**.
- Remove the air filter cover **2**.



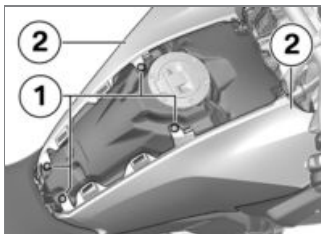
- Remove the frame **3**.
- Removing the air filter element **4**.



- Clean and (if necessary) renew the air filter element **4**.
- Insert the air filter element **4** and frame **3**.



- Fit the air filter cover **2**.
- Install screws **1**.



- Position the cover **2** on both sides.
- Install screws **1**.



- Attach the centre trim panel **1**.
- Press the right and left clamps **3** and **5** into the fixtures **4** and **6** while watching for the retaining lugs **2**.



- Install screws **1** and **2**.

- Installing the Rallye motorcycle seat (➡ 15).

Accessories

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General instructions



CAUTION

Use of other-make products

Safety risk

- BMW Motorrad cannot examine or test each product of outside origin to ensure that it can be used on or in connection with BMW vehicles without constituting a safety hazard. Country-specific official authorisation does not suffice as assurance. Tests conducted by these instances cannot make provision for all operating conditions experienced by BMW vehicles and, consequently, they are not sufficient in some circumstances.
- Use only parts and accessories approved by BMW for your vehicle. ◀

BMW has conducted extensive testing of the parts and ac-

cessory products to establish that they are safe, functional and suitable. Consequently, BMW accepts product liability. BMW accepts no liability whatsoever for parts and accessories that it has not approved.

Whenever you are planning modifications, comply with all the legal requirements. Make sure that the vehicle does not infringe the national road-vehicle construction and use regulations applicable in your country. Your BMW Motorrad dealer can offer expert advice on the choice of genuine BMW parts, accessories and other products. To find out more about accessories go to:

**[bmw-motorrad.com/
accessories](http://bmw-motorrad.com/accessories)**



NOTICE

Always install the rear footrests and grab handles for two-up mode. ◀

Accessories for Rallye style variant

For the Rallye style variant BMW Motorrad offers additional optional accessories which allow the R 1200 GS to be customised even more towards the driver's personal tastes and the vehicle's usage profile.

Please contact your authorised BMW Motorrad Retailer to purchase and install these optional accessories as well as obtain additional information.



Rallye style variant accessories

- 1** LED flashing turn indicators (11111 42)
- 2** Sport suspension (11111 16)
- 3** Handlebar levers, milled (11111 42)
- 4** Hand protectors (11111 43)
- 5** Preparation for navigation system (11111 45)
- 6** Headlight guard (11111 42)
- 7** Enduro engine guard (11111 43)
- 8** Crash bars (11111 43)
- 9** Cylinder-head cover guard (11111 44)
- 10** Front footrests, adjustable (11111 44)
Footbrake lever, adjustable (11111 44)
- 11** Off-road tyres (11111 45)
- 12** Sports silencer (11111 45)

LED flashing turn indicators



Attractive flashing turn indicators on stalks with state-of-the-art, non-wearing LED technology.



NOTICE

The LED flashing turn indicators described here must not be installed in the US and Canada.◀

Headlight guard



Protects the headlight lens against stone chipping when riding off road.

Snap-lock system for straight-forward, speedy installation and removal.



NOTICE

Use the headlight guard only when off-roading. Riding on public roads with the headlight guard fitted to the motorcycle is prohibited.◀

Handlebar levers, milled



Milled clutch and brake levers made of a high-strength aluminium alloy, with anodised grey finish to protect from corrosion. Individually adjustable distance between the hand lever and the handlebar grip.

Hand protectors



Protection for the rider's hands and the controls against wind and adverse weather, and a deflector for bushes, twigs and flying stones encountered when off-roading.

Crash bars



Effectively protecting cylinders and heads from damage in minor mishaps. Less risk of rider suffering burns (from the exhaust headers) if the motorcycle is dropped.

Enduro engine guard



Protects the bottom of the engine against flying stones and contact with the ground. Considerably wider and longer than the standard engine guard.

Cylinder-head cover guard



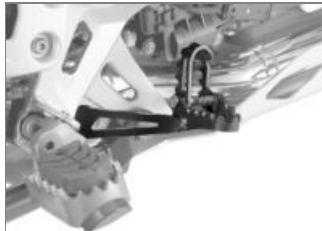
Comprehensively protects the cylinder head cover from scratches and stone chipping. Outer plastic contact guard, replaceable.

Front footrests, adjustable



High-quality, forged footrests, anodised gold finish, three height settings. Spring-loaded footplate for comfortable spring shock absorption during seated riding. When the rider stands on the footrests the extra weight presses the footplate down flush with the footrest. The serrated outside contour exposed in this way offers a better stance and therefore more control over the motor-cycle.

Footbrake lever, adjustable



Brake-lever pedal now wider and height-adjustable at the hinge mechanism. The footbrake is easier to use and control when the rider is standing on the pegs.

Sports silencer



Slip-on silencer for throaty sound and sporty looks.

Completely made of titanium, end cap and heat shield made of CFRP.

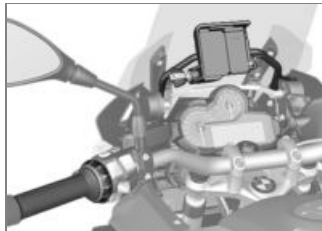
Increased torque in the bottom and mid-range engine speed range.

Off-road tyres



In conjunction with Enduro Pro ride mode, the off-road tyres keep you powering ahead in off road terrain.

Preparation for navigation system



Consisting of a navigation system bracket, Advanced Mount Cradle featuring lock barrel and Multi-Controller to operate the BMW Motorrad Navigator using the handlebars.

Case system



Optionally available case holders allow the installation of durable, off-road-capable aluminium cases. These can be locked, are watertight as well as dustproof and also visually underscore the suitability of the R 1200 GS for use as an enduro.

Technical data

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Frame

Frame type	Tubular steel frame with supporting drive unit, steel pipe rear frames
Type plate location	Frame, front left at steering head
Position of the Vehicle Identification Number	Frame, front right, on steering head

Chassis and suspension

Front wheel

Type of front suspension	BMW Telelever, with anti-dive top fork bridge, leading link pivot-mounted on engine and telescopic forks, central spring strut supported by leading link and frame
Design of front wheel suspension	Central shock absorber with helical spring
– with Dynamic ESA ^{OE}	Central shock absorber complete with torsion spring and header tank, electrically adjustable decompression and compression-stage damping
Spring travel, front	190 mm, at wheel
– with style 1 ^{OE}	210 mm, at wheel
– with sport suspension ^{OE}	
– with lowered suspension ^{OE}	158 mm, at wheel

Rear wheel

Type of rear suspension	Cast aluminium single swinging arm featuring BMW Motorrad Paralever
Type of rear suspension	Central spring strut with coil spring, adjustable rebound stage damping and spring preload
– with Dynamic ESA ^{OE}	Central spring strut with coil spring and reservoir, electrically adjustable rebound-stage and compression-stage damping, electrically adjustable spring preload
Spring travel at rear wheel	200 mm
– with style 1 ^{OE}	220 mm
– with sport suspension ^{OE}	
– with lowered suspension ^{OE}	170 mm

Wheels and tyres

Recommended tyre combinations	An overview of currently approved tyres is available from your authorised BMW Motorrad Retailer or on the Internet at bmw-motorrad.com .
Speed category, front/rear tyres	V, required at least: 240 km/h
Front wheel	
Front wheel type	Cross-spoked wheel
Front wheel rim size	3.00" x 19"
Tyre designation, front	120/70 R 19
Load index, front tyre	min. 60
Permissible front-wheel imbalance	max 5 g
Rear wheel	
Rear-wheel type	Cross-spoked wheel
Rear wheel rim size	4.50" x 17"
Tyre designation, rear	170/60 R 17
Load index, rear tyre	min. 72
Permissible rear-wheel imbalance	max 45 g

Tyre pressures

Tyre pressure, front	2.5 bar, tyre cold
Tyre pressure, rear	2.9 bar, tyre cold

Dimensions

Length of motorcycle	2207 mm, via spray guard
Height of motorcycle	1430...1490 mm, via windscreen at DIN unladen weight
– with style 1 ^{OE}	1312...1372 mm, via windscreen at DIN unladen weight
– with style 1 ^{OE} – with sport suspension ^{OE}	1332...1392 mm, via windscreen at DIN unladen weight
– with style 1 ^{OE} – with sport suspension ^{OE} – with passenger package ^{OE}	1450...1510 mm, via windscreen at DIN unladen weight
– with lowered suspension ^{OE}	1405...1465 mm, via windscreen, lower position at DIN unladen weight
Width of motorcycle	952 mm, with mirrors
Front-seat height	850...870 mm, without rider at unladen weight
– with comfort seat ^{OE}	825...845 mm, without rider at unladen weight
– with comfort seat, high ^{OE}	850...870 mm, without rider at unladen weight

– with low rider's seat ^{OE}	820...840 mm, without rider at unladen weight
– with style 1 ^{OE}	860 mm, without rider at unladen weight
– with style 1 ^{OE}	880 mm, without rider at unladen weight
– with motorcycle seat, extra high ^{OE}	
– with style 1 ^{OE}	850...870 mm, without rider at unladen weight
– with passenger package ^{OE}	
– with style 1 ^{OE}	880 mm, without rider at unladen weight
– with sport suspension ^{OE}	
– with style 1 ^{OE}	900 mm, without rider at unladen weight
– with sport suspension ^{OE}	
– with motorcycle seat, extra high ^{OE}	
– with style 1 ^{OE}	870...890 mm, without rider at unladen weight
– with sport suspension ^{OE}	
– with passenger package ^{OE}	
– with lowered suspension ^{OE}	800...820 mm, without rider at unladen weight
Rider's inside-leg arc, heel to heel	1870...1910 mm, without rider at unladen weight
– with comfort seat ^{OE}	1880...1900 mm, without rider at unladen weight
– with comfort seat, high ^{OE}	1920...1940 mm, without rider at unladen weight
– with low rider's seat ^{OE}	1820...1860 mm, without rider at unladen weight
– with style 1 ^{OE}	1880 mm, without rider at unladen weight

<ul style="list-style-type: none"> – with style 1^{OE} – with motorcycle seat, extra high^{OE} 	1920 mm, without rider at unladen weight
<ul style="list-style-type: none"> – with style 1^{OE} – with passenger package^{OE} 	1870...1910 mm, without rider at unladen weight
<ul style="list-style-type: none"> – with style 1^{OE} – with sport suspension^{OE} 	1920 mm, without rider at unladen weight
<ul style="list-style-type: none"> – with style 1^{OE} – with sport suspension^{OE} – with motorcycle seat, extra high^{OE} 	1960 mm, without rider at unladen weight
<ul style="list-style-type: none"> – with style 1^{OE} – with sport suspension^{OE} – with passenger package^{OE} 	1910...1950 mm, without rider at unladen weight
<ul style="list-style-type: none"> – with lowered suspension^{OE} 	1790...1830 mm, without rider at unladen weight

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Details described or illustrated in this booklet may differ from the vehicle's actual specification as purchased, the accessories fitted or the national-market specification. No claims will be entertained as a result of such discrepancies.

Dimensions, weights, fuel consumption and performance data are quoted to the customary tolerances.

The right to modify designs, equipment and accessories is reserved.

Errors and omissions excepted.

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bmw-motorrad.com

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