

Rider's Manual

R 1150 RT

R 850 RT

1



**BMW Motorrad
On-board
documentation**

consisting of
Rider's Manual
and Maintenance
Instructions



Important notes



Warning:

This symbol stands for precautions and measures which are essential in order to protect the rider or other persons from possibly severe or fatal injury.



Attention:

Instructions and precautions specifically intended to prevent damage to the motorcycle. Disregarding them may render the warranty invalid.



Note:

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

Welcome to BMW

We congratulate you on choosing a new Boxer model from BMW and welcome you to the worldwide community of BMW riders.

Familiarize yourself with your new bike, so that you can ride it safely and confidently in all traffic situations.

To make sure of this, please read this Rider's Manual carefully before starting to use your new motorcycle. It contains important information on how to operate the controls and how to make the best possible use of all the motorcycle's technical features.

In addition, it contains useful hints and information on the correct equipment for machine and rider, to ensure maximum reliability and safety, and advice on how to maintain the value of your motorcycle.

If you have any questions concerning your motorcycle, your BMW Motorrad dealer will gladly provide advice and assistance.

We hope you enjoy reading this Rider's Manual and wish you many a pleasant, safe journey on your BMW motorcycle.

Best wishes

BMW Motorrad

General information and controls

General view, left side	4
General view, right side	5
Cockpit	6
Telltale and warning lights	7
Ignition switch and steering lock	8-9
Left handlebar fitting	10
Right handlebar fitting	11
Seats	12-13
System case	14-15
Adjusting the windshield	16
Hazard warning flashers	17

Safety check

Checklist	18-19
Engine oil	20-21
Fuel	22-23
Handlebar levers	24-25
Brake system	
- general	26-27
- with BMW Integral ABS	28-31
Clutch	32
Lights	33-35
Shock absorbers	36
Suspension spring preload	37
Wheels	38-39
Loads	40-41

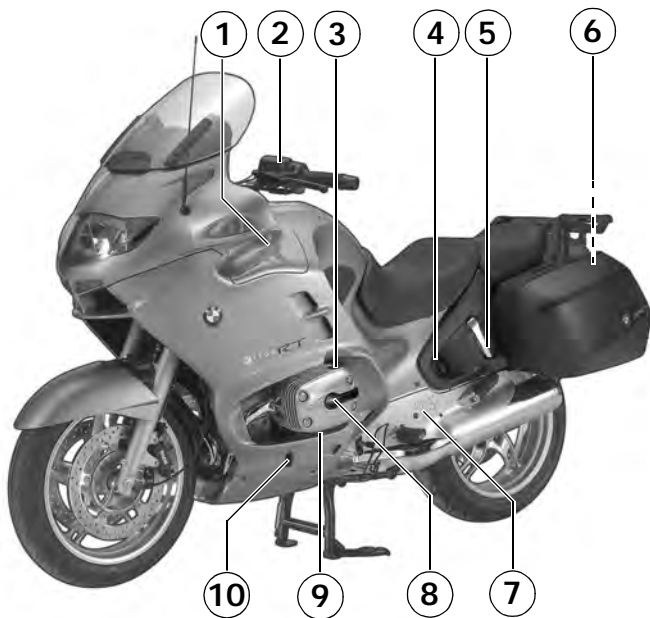
Starting – Riding – Parking

First time out	42-43
Important notes	44-45
Side stand	46-47
Centre stand	48-49
Running in	50-51
Before you start	52-53
Starting	54-55
Telltale and warning lights	56-57
Rider Information Display (RID)	58-59
Riding, gear shifts	60-61
Brake system	
- general	62-63
- with BMW Integral ABS	64-70
BMW Integral ABS fault table	71

Arrive safely

Arrive safely	72-73
Service worldwide	74
Environmental protection	75
BMW rider's equipment	76
BMW motorcycle accessories	77
Training means extra safety	78
Concluding thoughts	79

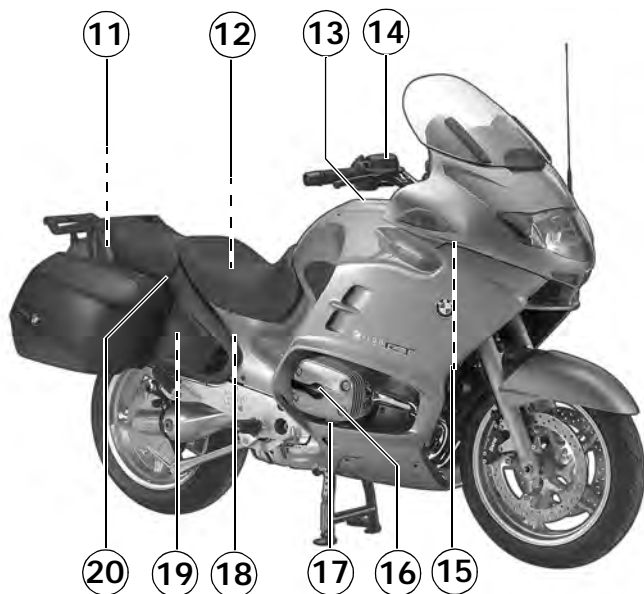
General view, left side



- 1 Storage compartment
- 2 Reservoir for clutch fluid
- 3 Engine oil filler (► 21)
- 4 Power socket, 12V
Provision for connecting additional equipment – max. load 5 A
- 5 Lifting handle (► 48-49)
- 6 Dual seat lock (► 12)
- 7 Suspension strut, shock absorber adjustment (► 36)
- 8 Primary spark plug, left
- 9 Secondary spark plug, only R 1150 RT
- 10 Oil level sight glass, engine (► 21)

() Figure in brackets ► page number for description

General view, right side



- 11** Storage compartment for toolkit (supplied)
- 12** Fuse box
- 13** Fuel filler cap (► 22)
- 14** Brake fluid reservoir, front brake (► 30)
- 15** Type plate/vehicle identification number
- 16** Primary spark plug, right
- 17** Secondary spark plug, only R 1150 RT
- 18** Brake fluid reservoir, rear brake (► 31)
- 19** Handwheel for adjusting suspension strut (► 37)
- 20** Helmet holder

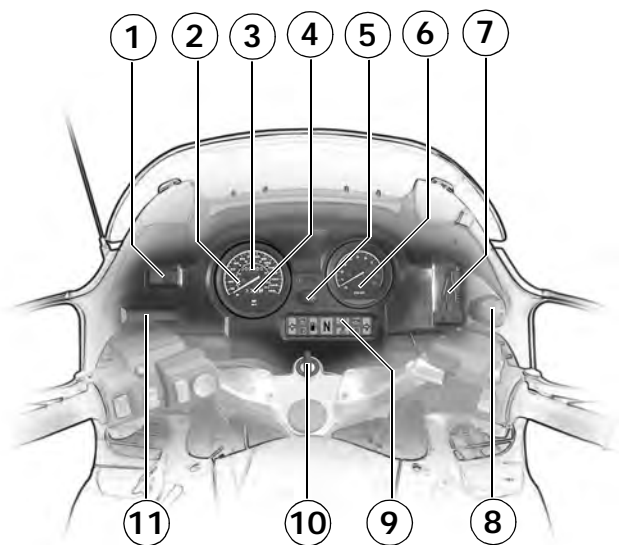
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Cockpit

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6

General information and controls



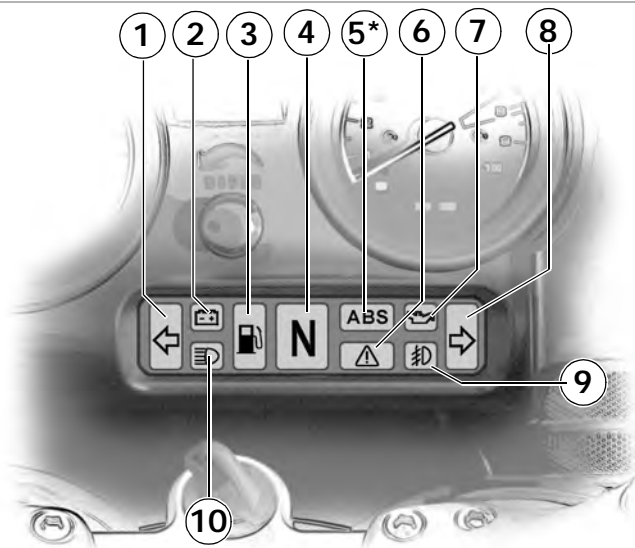
- 1 Front fog lamp switch
- 2 Speedometer
- 3 Distance recorder (odometer)
- 4 Trip distance recorder
- 5 Rotary reset knob for trip distance recorder
- 6 Revolution counter (► 50)
- 7 Rider Information Display (RID) (► 58-59)

- 8 Headlight range control rotary button
- 9 Telltale and warning lights (► 7)
- 10 Ignition switch and steering lock (► 8)
- 11 Radio display^{OE} (► Supplementary Rider's Manual)

() Figure in brackets ► page number for description

^{OE} Optional extra

Telltale and warning lights



- 1 Left turn indicator repeater **green**
- 2 Warning light battery charge **red** (➡ 56)
- 3 Warning light Tank capacity/when app. 4 litres remain in tank **orange** (➡ 23, 56)
- 4 Neutral indicator (gearbox) **green** (➡ 53)
- 5 Warning light ABS **red** (➡ 56, 68)
- 6 Warning light, general **red** (➡ 56, 68)
- 7 Warning light engine oil pressure **red** (➡ 56)
- 8 Telltale light Right turn indicator repeater **green**
- 9 Telltale light fog lamp **green**
- 10 High-beam headlight telltale **blue**

() Figure in brackets ➡ page number for description

* depending on national-market specification

Ignition switch and steering lock

1

8

General information and controls



Note:

Ignition switch and steering lock, tank filler cap lock and dualseat lock are all operated with the same key. The key also fits the storage compartment and System cases.

Keys

You will receive two master keys and one spare key. The key number is on the accompanying plastic tag.



Warning:

Only RESIDUAL BRAKING FUNCTIONALITY is available when the ignition is switched off (► 67)

Ignition switch and steering lock



Key positions



Warning:

Never turn the key to OFF or P while riding the motorcycle!

- ON** Operating position, ignition, lights and all electrical circuits switched on
- R *** Ignition and lights off, steering lock disengaged (handlebars can be turned freely to left or right)

* The key can be removed in these positions

- Turn the handlebars to full left lock.



Attention:

Engage the steering lock with the handlebars in this position only.

OFF* Ignition and lights off, steering locked

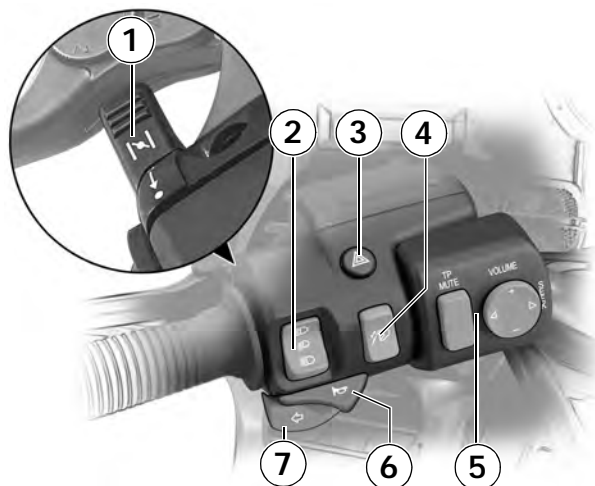
P * Parking light on, steering locked



Note:

Switch the parking light on only for limited periods. Note state of battery charge.

Left handlebar fitting



Warning:

To prevent air from entering the clutch system:

- Do not turn the fitting on the handlebar.

- 1 Cold start lever
(increased engine speed)
(➡ 54-55)
- 2 High/low (dipped) headlight switch
 - ☺ High (main) beam
 - ☺ Low (dipped) beam
 - ☺ Headlight flasher

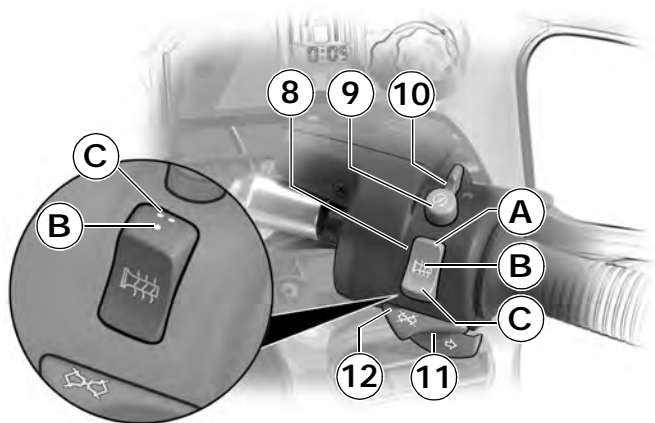
- 3 Hazard warning flasher switch
- 4 Rocker switch, electric windshield adjustment
(➡ 16)
- 5 Audio system handlebar remote control^{OE}
(➡ Supplementary Rider's Manual)
- 6 Horn button
- 7 Left turn indicator switch
 - Press
 - Turn indicators flash

To switch off:

 - Press turn indicator cancel switch **12**

^{OE} Optional extra

Right handlebar fitting



Warning:

To prevent air from entering the brake system:

- Do not turn the fitting on the handlebar.

8 Switch for heated handlebar grips^{OE}

A Heating off

B 50% (centre position)

C 100%

9 Starter button

10 Emergency off (kill) switch for ignition (➡ 52)

11 Flashing turn indicator switch, right

- Press

- Turn indicators flash

To switch off:

- Press turn indicator cancel switch **12**

12 Turn indicator cancel switch

- Press

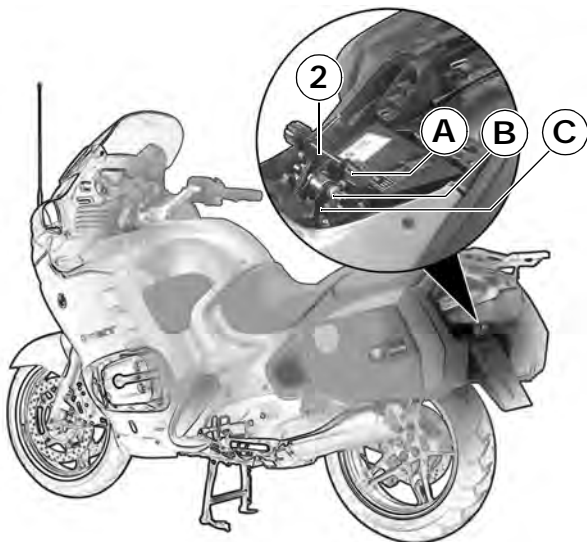
- Left/right indicators off

^{OE} Optional extra



Removing dualseat

- Turn the key in the dualseat lock to position **1** and hold it there
- Take off the rear section of the seat
 - Toolkit is then accessible
- Take off the front section of the seat
- This gives access to the fuses, and the rider's seat can be adjusted



Adjusting seat height



Attention:

When installing the dualseat, make sure that it is firmly located.

- Take off the front section of the seat
- Lift up seat holder **2**, position it to suit the rider's size and engage it in the chosen position

There are three rider's seat height positions:

A = high **B** = centre **C** = low

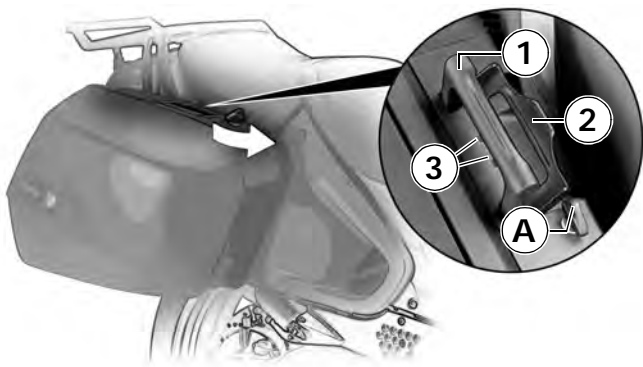
Locking the seats



Attention:

When installing the dualseat, make sure that it is firmly located.

- Push the rider's seat into its catch
- Slide the rear section of the seat into the guide and press lightly to lock it into the seat holder



Warning:

After an accident or if the motorcycle has fallen over, check that the system cases are correctly secured!

Max. load per system case:

10 kg (22 lbs).

With System cases installed, it is advisable not to exceed 130 km/h (80 mph).

Opening the system case

- Turn key in case lock to position **A**
- Pull up the carrying handle **1** and catch **2**
- The two indicators **3** turn **red**
- Opening the system case

Closing the system case

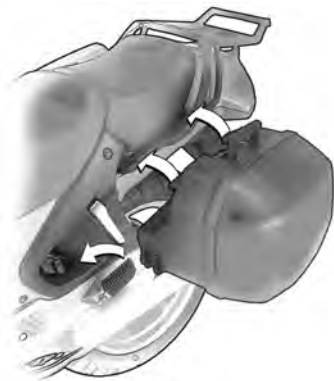


Attention:

Risk of breaking the locking tongue.

Before closing handle **1** or locking system **2**, turn the key in the case lock to position **A**.

- Turn key in case lock to position **A**
- Push down catch **2** and carrying handle **1**
- The two windows **3** will show a **black signal**
- Lock the case and remove the key



Installing system case



Attention:

Risk of breaking the locking tongue.

Before closing handle **1** or locking system **2**, turn the key in the case lock to position **A**.



Warning:

Always make sure that the cases are secured.

An incorrectly secured case could be lost and endanger other road users.

Removing System case

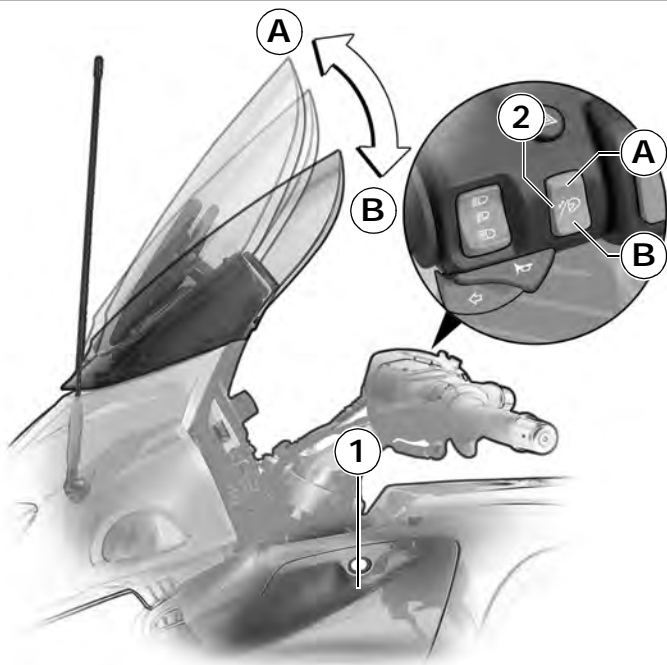
- Turn key in case lock to position **A**
- Pull up carrying handle **1**
- The two indicators **3** turn **red**
- Remove the key and lift the system case off its holder
- Insert the system case into the holder (arrows), making sure that it is firmly seated in the lower holder and the upper hook
- Turn key in case lock to position **A**
- Fold the carrying handle **1** down
- The two windows **3** will show a **black signal**
- Lock the case and remove the key

Adjusting the windshield

1

16

General information and controls

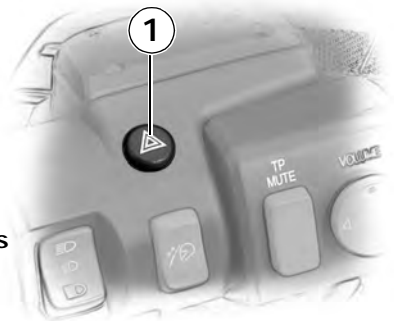


Warning:

Do not open the storage compartment 1 while riding the motorcycle – risk of accident.

Adjusting the windshield

- Switching on the ignition
- Press rocker switch 2
- Adjust windshield according to switch positions A or B



Hazard warning lights



Note:

You cannot activate the hazard warning flashers if the ignition is switched off.

Do not use the hazard warning flashers for longer than absolutely necessary.

Note state of battery charge.

Switching on the hazard warning lights

- Switching on the ignition
- Hazard warning lights switch **1** up
- Operate hazard warning lights switch **1**
- Hazard warning lights in operation
- The left/right flashing turn indicator repeater on the telltale light panel (► 7) flashes


- Switch off the ignition
- The hazard warning lights continue to operate
- The light in the hazard warning flasher switch goes out

Switching off the hazard warning lights

- Operate hazard warning lights switch **1**
- Hazard warning lights switch off
- Left/right flashing turn indicator repeater on the telltale light panel (► 7) off

Use the safety checklist – before every journey

Please perform the safety check accurately. If your motorcycle needs any routine maintenance, you can then attend to it before the journey starts

( Maintenance Instructions), or, for example have it carried out by your authorised BMW motorcycle dealer.

This is to ensure that your motorcycle corresponds with road-vehicle use and safety laws.

Your vehicle must be in perfect technical order: this is a basic prerequisite for your safety and the safety of other road users.

For this reason, check the details in the following sections before you start the journey:

- Fuel level
 - Positions of the handlebar-lever fittings
 - Brake fluid level
 - Clutch fluid level
 - Brakes
 - Warning lights and telltale lights
 - Lights
 - shock absorber settings and spring preload
 - condition of wheels and tyres, tread depth and tyre pressures
 - Load, gross weight
 - Check at regular intervals as described in the following sections (each time you stop for refuelling):
 - Engine oil level (every second or third time you stop for refuelling):
 - Brake pads
- If you encounter any problems or difficulties, it is always best to contact your authorised BMW Motorrad dealer. He will provide the necessary advice and assistance.

Checking oil level

Check oil level regularly each time you stop to refuel.

Only check the engine oil when the engine is at normal operating temperature as the oil level can vary by up to 10 mm (0.39 in) in a hot engine or a cold engine at extreme outside temperatures (-10 °C).

Wait at least five minutes after switching off the hot engine for the oil to collect in the sump.

Checking the oil level after the engine has only been used for a short time or is only just warm could lead to wrong interpretations and thereby to an incorrect oil fill because the cold, more viscous oil takes longer to flow back into the sump. This can take up to 12 hours at extreme temperatures (-10 °C).



Attention:

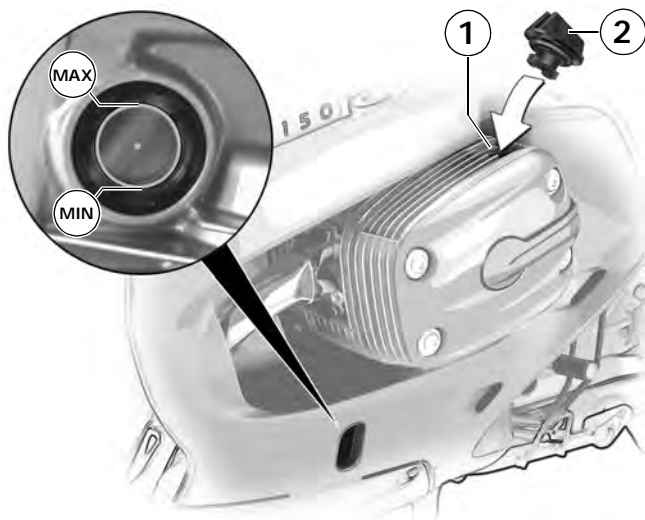
To avoid damage to the engine:

- Never exceed the maximum oil level.

Always keep the oil level above the minimum mark.

Always check the oil level with the motorcycle standing upright.

- Check the oil when the engine is at normal operating temperature
- Read the oil level at least five minutes after switching off the engine
- Make sure that the motorcycle is upright
- ensure that the surface is level and firm!



- Check oil level at sight glass:



MAX Upper edge
Ring marking

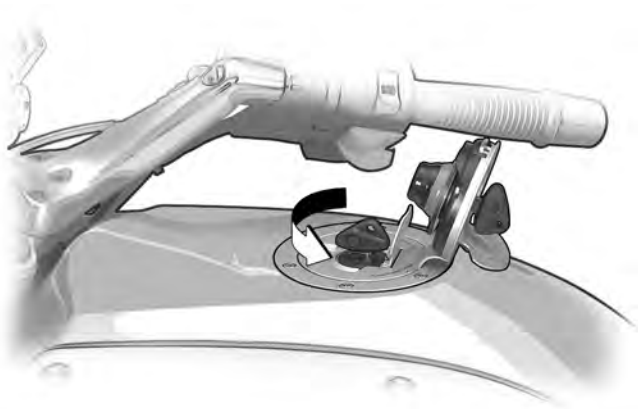
MIN Lower edge
Ring marking

- The difference between the two marks is approx. 0.5 litres (0.88 Imp. pints)
- If necessary, unscrew the oil filler screw **2** and top up the engine oil through the engine oil filler **1**
- Then retighten the oil filler screw **2**



Attention:

Warning light, engine oil pressure **red**  (7) indicates no (or very little) oil pressure in the lube-oil system; this light must not be regarded as an oil level check. Oil pressure builds up after 1-2 seconds and the warning light goes out – the **red** engine oil pressure warning light  should remain off while the engine is running



Refuelling



Warning:

Fuel is flammable and explosive. Do not smoke. Never bring a naked flame near the fuel tank.

The fuel expands when hot (for instance if the fuel tank is in the sun). For this reason, only fill as far as the lower edge of the filler neck!



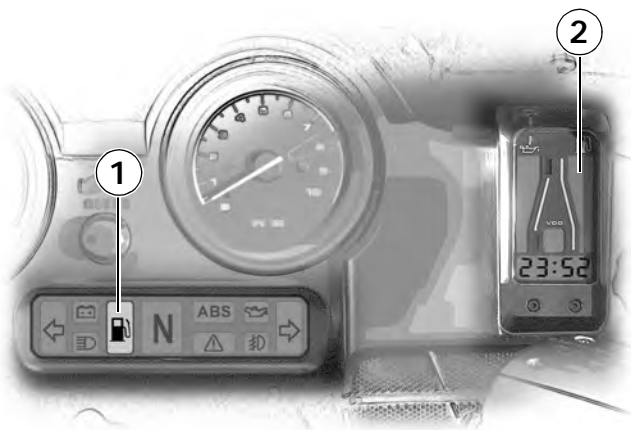
Attention:

Note that fuel containing lead will destroy the catalytic converter.

Do not run the fuel tank dry or you may damage the engine or catalytic converter.

Wipe off plastic parts immediately if they are wetted with fuel.

- Place motorcycle on centre stand
- Make sure the ground is level and firm.
- Open fuel filler cap



- Refuel
- Refuel only with super (pre-mium) grade fuel to DIN 51607 standard or equivalent, minimum octane number 95 (RON) and 85 (MON)
- Close the fuel filler cap

- Usable tank capacity 25.2 litres (5.5 Imp. gal)
- When the reserve fuel quantity is reached (approx. 4 litres/0.9 Imp. gal) the **orange** warning light **1** comes on

Fuel level display 2 in RID

Capacity



Note:

The fuel gauge and RID do not operate unless the ignition is switched on.



Note:

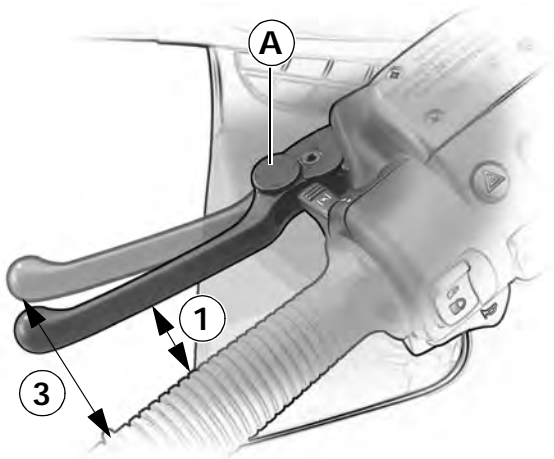
If only two bars still appear, about 4 litres (0.9 Imp. gal) of reserve fuel quantity remain in the tank (additional warning signal from **orange** light **1**).

Handlebar levers

2

24

Safety check



Adjusting clutch lever



Attention:

Sudden changes in play or spongy action indicate a fault in the hydraulic system.

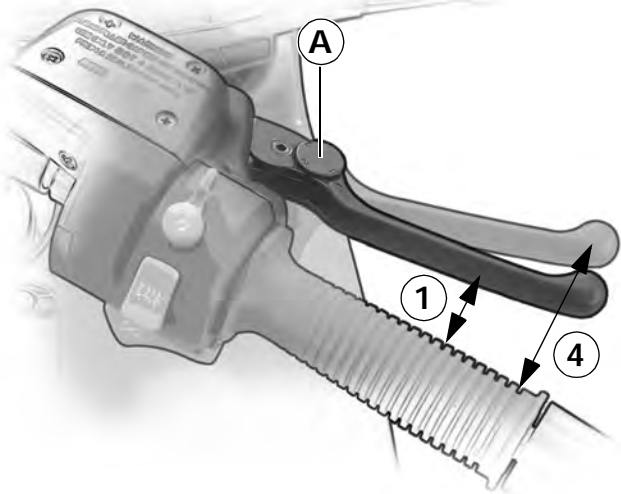
If you are doubtful about the reliability of the hydraulic clutch operating system, it is best to consult an authorised BMW Motorrad dealer.



Warning:

To prevent air from entering the clutch system:

- Do not turn the fitting on the handlebar.
- Turn knob **A** to set the most comfortable span:
 - Setting **1**: minimum distance
 - Setting **3**: maximum distance



Adjusting handbrake lever



Warning:

To prevent air from entering the hydraulic circuit of the brake system:

- Do not turn the fitting on the handlebar.

- Turn knob **A** to set the most comfortable span:
 - Setting **1**: minimum distance
 - Setting **4**: maximum distance

Checking the brake system



Warning:

Sudden changes in play or spongy action of the brake lever indicate a fault in the brake system.

Before riding off, therefore, always check the resistance of the front and rear brake levers and test operation of the brakes.

Do not ride the motorcycle if you have any doubts about the safety of the brake system.

Immediately seek the advice of a specialist workshop, preferably an authorised BMW Motorrad dealer.

Work on the brake system



Warning:

To ensure reliability have all work on the brake systems carried out by a specialist workshop, preferably an authorised BMW Motorrad dealer.

Checking brake pads



Warning:

Have the brake pads replaced before they wear to the minimum permissible thickness: have the work performed by a specialist workshop, preferably an authorised BMW Motorrad dealer.

Brake pad wear depends on your personal style of riding. To ensure reliable operation of the brakes: do not allow lining thickness to fall below minimum value (➡ Maintenance Instructions, Chapter 2).

Checking brake fluid level



Warning:

On a motorcycle equipped with BMW Integral ABS, the brake fluid level in the reservoir (► 30, 31) does NOT drop as the brake pads wear.



Warning:

If brake fluid level in the fluid reservoir (► 30, 31) has dropped below the MIN mark, have the brake system checked without delay by a specialist workshop, preferably an authorised BMW Motorrad dealer!

Changing brake fluid



Warning:

Brake fluid is subject to severe thermal loads and absorbs moisture from the atmosphere.

Consequently, the brake fluid must be changed regularly (see the Maintenance Instructions ► Chapter 1) by a specialist workshop, preferably an authorised BMW Motorrad dealer.

Residual braking function



Warning:

When the ignition is switched off, before and during self-diagnosis (➔ 68), or if the BMW Integral ABS fails, only a **RESIDUAL BRAKING FUNCTION** (➔ 67) remains available for slowing the motorcycle. When the **RESIDUAL BRAKING FUNCTION** is active, you must apply **CONSIDERABLY** higher pressure to the brake levers in question in order to apply the brakes, and lever travel is longer.

When the RESIDUAL BRAKING FUNCTION is active, the ABS function is unavailable in the brake systems in question.



Warning:

When the **RESIDUAL BRAKING FUNCTION** is active, maintain a defensive riding style and proceed immediately to the nearest specialist workshop, preferably an authorised **BMW Motorrad dealer**.



Note:

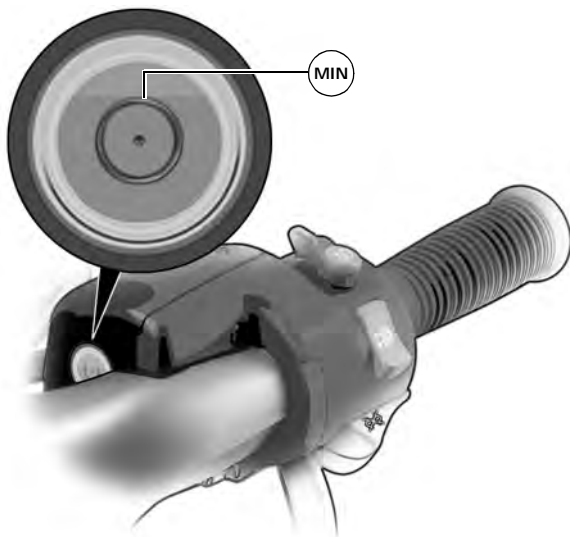
When the **RESIDUAL BRAKING FUNCTION** is active, it is advisable to set adjuster **A** (➔ 25) on the front-brake lever to position 4.

Brake system - with BMW Integral ABS

2

30

Safety check



Checking front brake fluid level



Warning:

Never permit the brake fluid level to drop below the minimum level (MIN mark)

- Place motorcycle on centre stand
 - Make sure the ground is level and firm

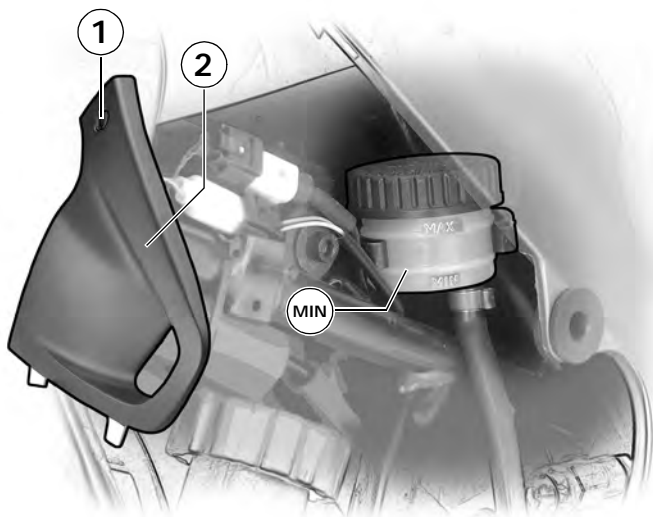
- Place the handlebars in full left lock.
- Check brake fluid level in sight glass
MIN Minimum level (top of marking ring)



Note:

The brake fluid level in the brake fluid reservoir remains constant despite wear of the brake pads.

Brake system - with BMW Integral ABS



2

31

Safety check

Checking rear brake fluid level



Warning:

Never permit the brake fluid level to drop below the MIN mark on the brake fluid reservoir

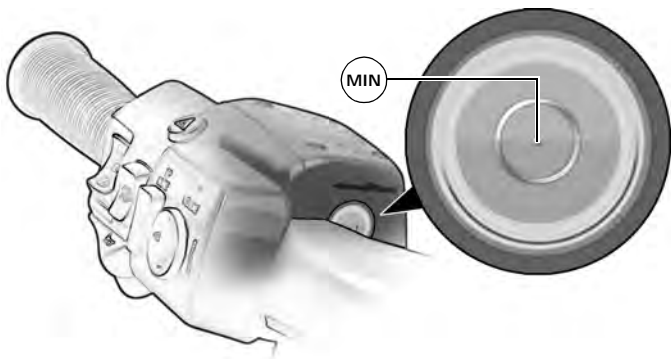
- Place motorcycle on centre stand
 - Make sure the ground is level and firm

- Slacken off screw **1**
- Take off cover **2** and check brake fluid level
MIN Minimum level



Note:

The brake fluid level in the brake fluid reservoir remains constant despite wear of the brake pads.



Checking fluid level in the clutch fitting



Attention:

If the fluid level drops, assume there is a defect in the clutch system.

Have the clutch system checked immediately by a specialist workshop, preferably an authorised BMW Motorrad dealer.



Note:

The fluid level in the reservoir rises as the clutch wears.

- Place motorcycle on centre stand
 - Make sure the ground is level and firm
 - Handlebar in straight-ahead position Check fluid level in sight glass
- MIN** Minimum level
(centre of sight glass)



Warning:

Never permit the fluid level to drop below the minimum level (MIN mark)

Checking lights



Attention:

Check that all lights are operational at the start of each journey.



Note:

If turn indicator repeater flashes at twice the usual speed: defective flasher bulb.

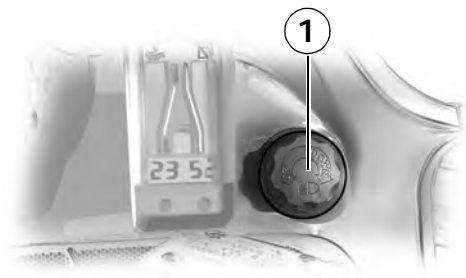
General warning light ON (☐➡ 7):

Check brake light or tail light.

If the tail light is defective the brake light is dimmed and acts as a tail light. When you apply the brakes the brake light shines at full brightness.

To change bulbs in parking lights, headlight (dipped and main beams), fog, rear, brake and indicator lights:

(☐➡ Maintenance Instructions, Chapter 2).



Have the headlight basic setting adjusted by a specialist workshop, preferably an authorised BMW Motorrad dealer.

Adjusting beam throw



Note:

When the basic setting is correct, headlight beam throw is regulated when spring preload is adjusted to suit load.



Note:

Adjust beam height so that oncoming traffic is not dazzled. Make sure that the throw of the light cone adequately illuminates the road ahead of you.

**Attention:**

Only adjust the beam range to suit the load when the motorcycle is stationary.

Normal setting

- Turn rotary button **1** anti-clockwise to the stop

Adjusting to suit load:

- Change the spring strut setting to suit the load (► 37)
 - Spring preload has an effect on headlight throw

Only with extremely high loads:

- Perform minor adjustment using rotary knob **1**

Readjust the headlight to the correct basic setting at the earliest possible opportunity.

**Headlight adjustment
Right/left-hand riding**

If the motorcycle is ridden in a country where the opposite rule of the road applies, its asymmetric dipped beam will tend to dazzle oncoming traffic.

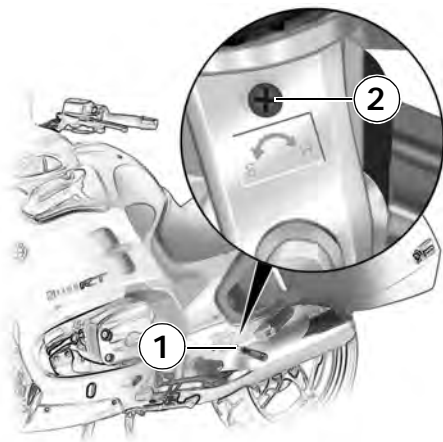
Your BMW Motorrad dealer can supply anti-dazzle masking sheets for the headlight. Please observe the enclosed instructions when applying the sheet.

Shock-absorber adjustment

2

36

Safety check



Warning:

Before the journey starts, adjust the rear shock absorber to suit the gross weight and load on the motorcycle.

- Place motorcycle on centre stand (→ 48)
- Adjust the shock absorber by inserting a screwdriver with extension through hole **1** in the footrest plate

Basic setting (solo):

- Turn adjusting screw **2** in direction indicated by arrow **H** (clockwise) as far as it will go
- Turn adjusting bolt **2** anti-clockwise through 180 degrees in the direction of the arrow **S**

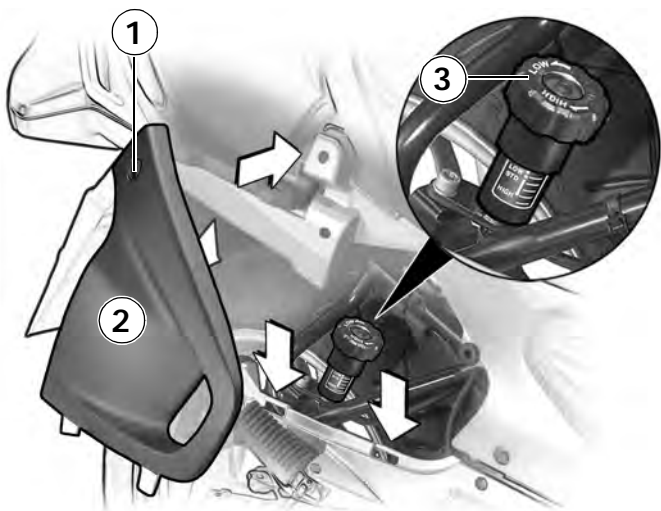
Hard setting "H":

- Tighten adjusting screw **2** fully

Soft setting "S":

- Slacken off adjusting screw **2** fully

Suspension spring preload



2

37

Safety check



Warning:

Before the journey starts, adjust spring preload according to the gross weight. If spring preload is changed, the shock absorber has to be adjusted accordingly.

Adjusting suspension spring preload

- Place motorcycle on centre stand
- Slacken off screw 1
- Remove cover 2

Basic setting, solo:

- Turn knob 3 as far as it will go counter-clockwise as indicated by the "LOW" arrow
- Turn knob 3 one turn clockwise as indicated by the "HIGH" arrow

Setting for two-up and luggage:

- Turn handwheel 3 fully to the right in the direction of the "HIGH" arrow

Checking wheel rims



Warning:

Have damaged wheel rims checked and, if necessary, replaced by a specialist workshop, preferably an authorised BMW Motorrad dealer.

Checking tyre treads



Warning:

Comply with statutory legal requirements concerning minimum tread depth. Worn tyres can impair handling.

- Measure tread depth at the centre of the tyre tread

BMW's minimum tread depth recommendation:

Front 2 mm (0.08 in)

Rear 3 mm (0.12 in)

Checking tyre pressures



Warning:

Incorrect tyre pressures have a considerable influence on handling and on tyre life.

Adjust tyre pressures to suit total weight. Never exceed either the motorcycle's gross weight or the individual wheel load limits (► 41).

– Tyres cold:

- Remove valve caps
- Check/correct tyre pressure

	Front	Rear
Solo	2.2 bar (31.3 psi)	2.5 bar (35.5 psi)
Two-up	2.5 bar (35.5 psi)	2.7 bar (38.4 psi)
Two-up with luggage	2.5 bar (35.5 psi)	2.9 bar (41.2 psi)

- Fully tighten valve caps

Screwing valve caps on tightly



Warning:

At high road speeds, tyre valves have a tendency to open as a result of centrifugal force.

Use only metal valve caps with rubber seals.

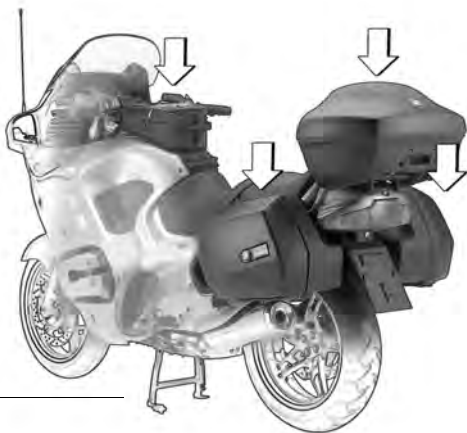
Valve caps that are screwed on well prevent air from escaping suddenly.

Accessories and loads

2

40

Safety check



Warning:

BMW cannot examine or test every product of outside origin to ensure that it does not represent a safety risk if used on or in connection with your BMW motorcycle. Even approval by an official inspection authority or an official permit (General Operating Permit) cannot always provide this guarantee. Tests conducted by these instances cannot make provision for all operating conditions experienced by BMW motorcycles and consequently, they are not sufficient in some circumstances.



Note:

BMW accessories and other products approved by BMW can be obtained from your BMW Motorrad dealer.

Correct loading



Warning:

Overloading can impair the handling of your motorcycle.

- Make sure that weight is distributed evenly between the left and right sides of the motorcycle
- Pack heavy items at the bottom of the cases
- Max. load in each case (left and right): 10 kg (approx. 22 lbs)
- Max. load on luggage grid and in tank-top rucksack^{OA}: 5 kg (approx. 11 lb) each
- Check that fastenings are correctly positioned and tight



Warning:

With cases installed, it is advisable not to exceed 130 km/h (80 mph).



Attention:

Do not exceed the gross weight limit of 490 kg (992 lb).

Do not exceed the wheel load limits of 200 kg (441 lbs) at the front and 330 kg (728 lbs) at the rear.

Reset the suspension spring preload and the shock absorbers to match the total weight (► 36, 37, 39).

The total weight consists of:

- Motorcycle with full tank
- Rider
- Two-up
- Luggage

^{OA} Optional accessories

Handling your motorcycle safely

Each motorcycle has a character all its own. It is time now for you to familiarise yourself with the way your own motorcycle behaves:

- Acceleration
- Roadholding
- Cornering
- Braking ...

These are all things you need to become familiar with.

Please remember too that if the motorcycle has not yet covered 1,000 kilometres (600 miles), the engine is not yet fully run in.



Attention:

BMW Integral ABS incorporates a brake booster, so braking efficiency is significantly higher than with conventional brake systems.



Warning:

The tyres need to cover a certain distance before they acquire their full road grip (► 51).

When riding at high speed, always bear in mind that various boundary conditions such as: settings of the spring and shock-absorber system, unbalanced loading, loose clothing, low tyre pressures, worn tyres, etc., can affect the handling of your motorcycle.

Safe motorcycling does not depend on the motorcycle alone.

Your own skill and common-sense are needed too.

The key to genuine safety on the road is a sensible balance between the motorcycle's technical features and the rider's skill, so that together they form a single efficient unit.

Riding safely in traffic calls for a sense of responsibility to your pillion passenger and to other road users.



Warning:

Do not ride the motorcycle after drinking alcoholic beverages. Even small amounts of alcohol or drugs, particularly if taken in conjunction with medicines, will adversely affect your perception and your ability to assess situations and make decisions, and also slow down your reflexes.

Take to the road now by all means, but think carefully about everything you do.

BMW Integral ABS

Motorcycle equipped with BMW Integral ABS (➡ 64)



Warning:

When the ignition is switched off or if the BMW Integral ABS fails, only a RESIDUAL BRAKING FUNCTION remains available for slowing the motorcycle (➡ 67).

Under these circumstances you must apply CONSIDERABLY higher pressure to the brake levers in order to apply the brakes, and lever travel is longer!

Risk of poisoning

Exhaust fumes contain carbon monoxide, which is colourless and odourless but highly toxic.



Warning:

Inhaling the exhaust fumes therefore represents a health hazard and can even cause loss of consciousness with fatal consequences.

Do not run the engine in an enclosed space.

Risk of fatal accident

Your motorcycle is equipped with Digital Motor Electronics (Motronic) and high-power ignition system.



Warning:

When the engine is running or the ignition switched on, never touch electrically live parts of the ignition system or the digital engine electronics.

Catalytic converter



Attention:

To avoid damage to the catalytic converter:

- Do not run the fuel tank dry
- Push-start only when the engine is cold
- Do not run the engine with a spark plug lead disconnected
- Do not exceed the engine-speed limits marked on the revolution counter
- Comply with all specified maintenance intervals
- Stop the engine at once if it misfires
- In the event of misfiring or a severe drop in engine power, consult a specialist workshop, preferably an authorised BMW motorcycle dealer

If misfiring or malfunction of the fuel-air mixture preparation system causes unburned fuel to reach the catalytic converter, there is a risk of it overheating and being damaged.

Risk of fire

High temperatures occur at the exhaust system, particularly if a catalytic converter is installed.



Warning:

Make sure that whether riding or standing still or when the motorcycle is parked, no easily flammable material (for example hay, grass, leaves, clothing or luggage etc.) can come into contact with the hot exhaust system.

Do not allow the engine to idle unnecessarily or for prolonged periods

– Risk of overheating or fire.

Ride away immediately after starting the engine.



Placing motorcycle on side stand



Warning:

For safety reasons, never sit on the motorcycle with the side stand extended.



Attention:

Stop the engine before using the side stand.

Make sure the surface under the stand is firm.

On a gradient, the motorcycle should always face uphill; select 1st gear.

- Switch off the ignition
- Keep both feet on the ground
- Hold the left handlebar grip with your left hand
- Keep your right hand on the right handlebar grip and the handbrake lever
- Hold the motorcycle upright and balanced
- Use your left foot at the extension pin to fold the side stand out fully (arrow)
- Lean the motorcycle carefully on to the stand
- Turn the handlebars to left lock
- **Check that the motorcycle is firmly supported**



Removing motorcycle from side stand



Warning:

If the motorcycle is fitted with BMW Integral ABS, only **RESIDUAL BRAKING FUNCTIONALITY** is available when the ignition is switched off (► 67). Make sure the side stand is fully retracted before you ride off.

- Riding with the side stand extended is a safety risk.

- Ignition key in the “**R**” or “**ON**” position (► 9)
 - Handbar lock disengaged
- Keep both feet on the ground
- Hold the left handlebar grip with your left hand
- Keep your right hand on the right handlebar grip and the handbrake lever
- Slowly raise the motorcycle to the upright position and keep it balanced
- Use your left foot to push back the side stand

Main (centre) stand



Placing motorcycle on centre stand



Warning:

For safety reasons, never sit on the motorcycle with the centre stand extended.



Attention:

Switch off the engine before using the centre stand.
Make sure the surface under the stand is firm.

- Switch off the ignition
- Hold the left handlebar grip with the left hand
- Hold the lifting handle with the right hand
- Place the right foot on the extension pin and press it down until the curved shoes of the stand touch the ground
- Place your right foot on the tread surface of the stand
- Apply all your body weight to the stand
- Pull the motorcycle to the rear and upwards (arrow) until it rests on the centre stand
- **Check that the motorcycle is firmly supported**



Removing motorcycle from centre stand



Warning:

If the motorcycle is fitted with BMW Integral ABS, only **RESIDUAL BRAKING FUNCTIONALITY** is available when the ignition is switched off (► 67). Make sure the centre stand is fully retracted before you ride off.

– Riding with the centre stand extended is a safety risk

- Ignition key in the “**R**” or “**ON**” position (► 9)
 - Handbar lock disengaged
- Hold the left handlebar grip with your left hand
- Hold the lifting handle with the right hand
- Push the motorcycle forwards off the stand
- Check that the stand has folded up fully

**Attention:**

Exceeding the specified engine speeds while running in will lead to increased engine wear.

**Note:**

While running in the motorcycle, vary the throttle opening and engine-speed range frequently.

Try to do most of your riding during this initial period on twisting, fairly hilly roads rather than high-speed main roads and highways.

**Running-in engine speeds
From 0 to 1,000 km (600 miles)**

- Engine speed max. 4,000 rpm and no full-load acceleration
- Do not omit the first inspection after 1,000 km (600 miles)
Make an appointment with your authorised BMW Motorrad dealer in good time, so that the work can be performed punctually.

From 1,000 to 2,000 km (600 to 1,200 miles)

- Engine speeds can be gradually increased after 1,000 km (600 miles)
- Avoid lengthy periods at full load until 2,000 km (1,200 miles) have been covered

Running in new brake pads



Warning:

New brake pads must “bed down” and therefore do not achieve their optimum friction levels during the first 500 km (300 miles).

This slight initial reduction in braking efficiency can be compensated for by exerting greater pressure on the lever. Try to avoid all unnecessary hard braking applications during this initial period.



Attention:

Comply with the notes on BMW Integral ABS (► 64-71).

Running in new tyres



Warning:

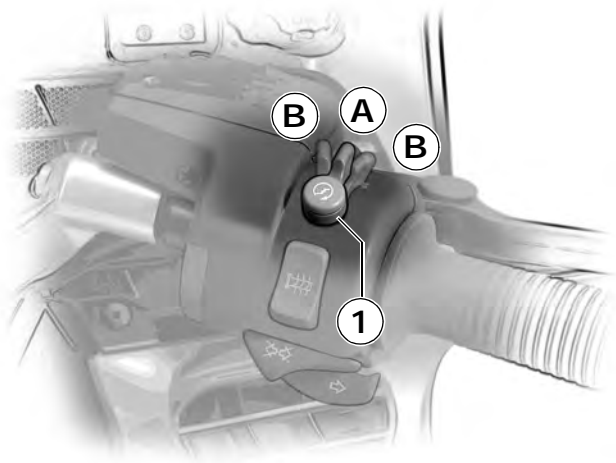
New tyres have a smooth surface. This must be roughened by riding in a restrained manner at various heel angles until the tyres are run in. This running in procedure is essential if the tyres are to achieve maximum grip.

Before you start

3

52

Starting – Riding – Parking



In an emergency only:

- Move switch **1** to the **B** position
- The electrical circuits for the Motronic, RID, fuel pump and starter motor are then out of action

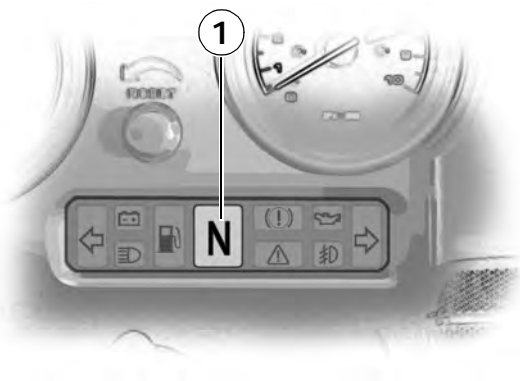


Note:

If you move the kill switch to the **B** position while the ignition is on (switch in **ON** position), the BMW Integral ABS remains operational (➡ 64-71).

Switch on the ignition

- Move the kill switch to the run position **A**
- Turn ignition key to **ON**



Fully retracting the side stand



Note:

If the side stand is extended and a gear engaged, you cannot start the motorcycle.


Select neutral

– Neutral telltale light 1 green  (➡ 7) is on



Note:

Engine does not start:

- Move the gear lever to the  position or disengage the clutch

Engine stops when first gear is engaged:

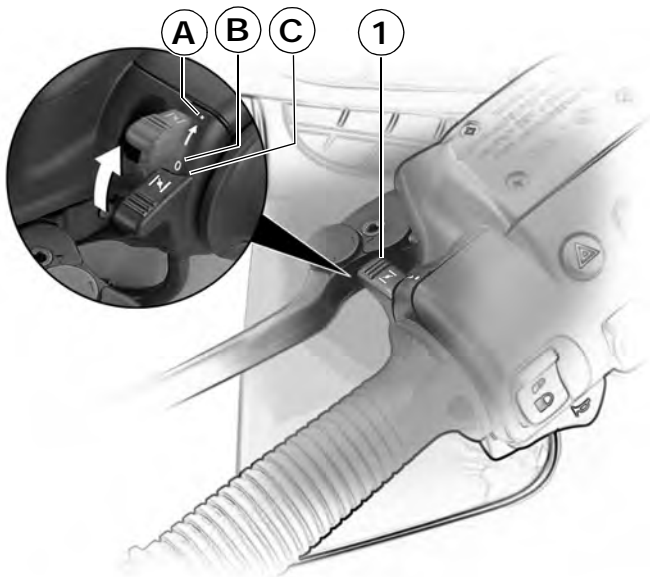
- Fully retract the side stand; if necessary, consult the troubleshooting table (➡ Maintenance Instructions, Chapter 2)

Starting

3

54

Starting – Riding – Parking



Starting



Attention:

If you attempt to start the engine when the battery is flat, you will hear the relay chattering. Further attempts will damage the starter relay and starter motor.

Before trying again: recharge the battery.



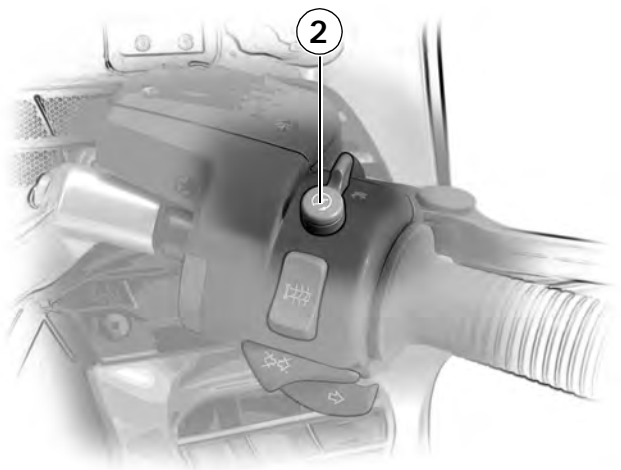
Warning:

Do not warm up the engine with the motorcycle at a standstill – risk of overheating or fire!

Ride away immediately after starting the engine.

To avoid overheating the air-cooled engine and possible damage as a result, avoid even short warm-up periods at a standstill.

Avoid high engine speeds after a cold start.

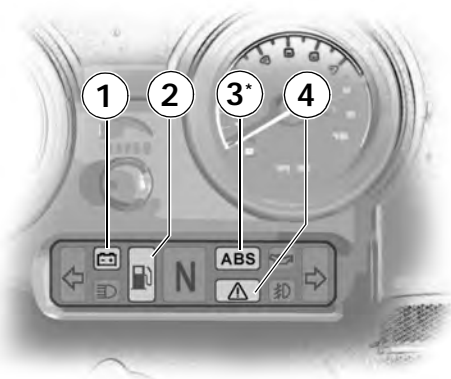
**Note:**

Do not turn the throttle twistgrip when starting the engine.

Choke

- Correct position of choke lever **1**:
 - Lever up, in position **A**: Cold start
 - Lever down, in position **C**: Engine at operating temperature
- When starting, pull lever **1** to position **A** (arrow) and hold it in this position
- Press starter pushbutton **2**
 - The engine starts
- Turn the throttle twistgrip carefully
- Release lever **1**
 - Lever **1** in position **B**
- Return choke lever **1** to position **C** as soon as possible (as soon as the engine runs smoothly)

Telltale and warning lights



Battery charge current

Telltale light **1** goes out above idle speed.



Attention:

If telltale light **1** comes on while the motorcycle is being ridden: consult a specialist workshop, preferably an authorised BMW Motorrad dealer.

Fuel level


If telltale light **2** comes on, only approx. 4 litres (0.9 gallon) of fuel remain in the tank.

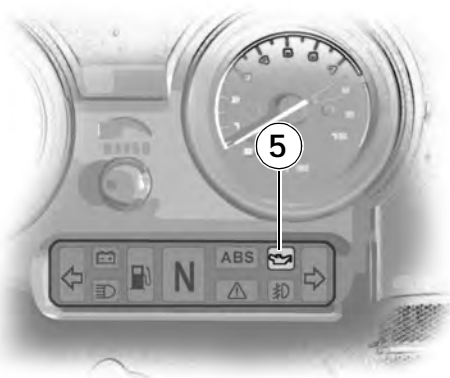
ABS warning light

The ABS warning light **3** lights up if the BMW Integral ABS develops a fault (➡ 68).

Warning light, general

General warning light **4** lights up if the BMW Integral ABS develops a fault (➡ 71), or if the tail light or brake light is defective.

*  depending on national-market specification



Engine oil pressure

Warning light **5** goes out above idle speed.



Attention:

If warning light **5** comes on during the journey, take the following action as soon as traffic conditions permit:

- Declutch
- Operate the kill switch
- Bring the motorcycle safely to a halt
- check engine oil level (➡ 21)



Attention:

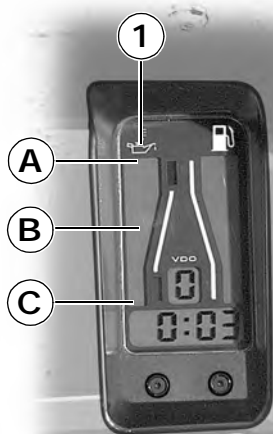
If the warning light comes on even though the oil level is correct, you must consult a specialist workshop, preferably an authorised BMW motorcycle dealer.

Rider Information Display (RID)

3

58

Starting – Riding – Parking



Attention:

Stop the engine, wait 10 minutes and then check the oil level (→ 20). If the oil level is correct, always consult a specialist workshop without delay, preferably a BMW Motorrad dealer. Avoid high engine speeds until the problem has been dealt with.

The Rider Information Display only operates when the ignition is switched on.

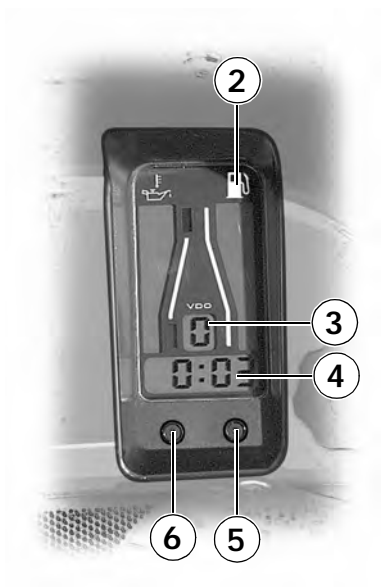
Engine oil temperature display 1

A = engine oil is overheating (**red**)

B = engine oil at regular operating temperature

C = engine oil cold (**blue**)

Rider Information Display (RID)



Fuel gauge 2



Note:

If only two bars still appear, about 4 litres (0.9 Imp. gal) of reserve fuel quantity remain in the tank (additional **orange** light (► 56)).

Gear indicator 3

1 - 0 - 2 - 3 - 4 - 5 - E

Clock 4

- To adjust, use a ball pen or similar object to press point 5 (minutes) or point 6 (hours)

Riding and changing gear

3

60

Starting – Riding – Parking



Load changes

Engine speed

Limit engine speed in accordance with engine temperature, using the highest engine speeds only when the engine has reached its regular operating temperature.

When the revolution counter needle enters the red zone on the dial, the fuel supply is interrupted in order to protect the engine against overspeeding.



Note:

The governor cuts in at 7 900 rpm.



Warning:

Try not to open or close the throttle abruptly, particularly on wet or slippery roads.

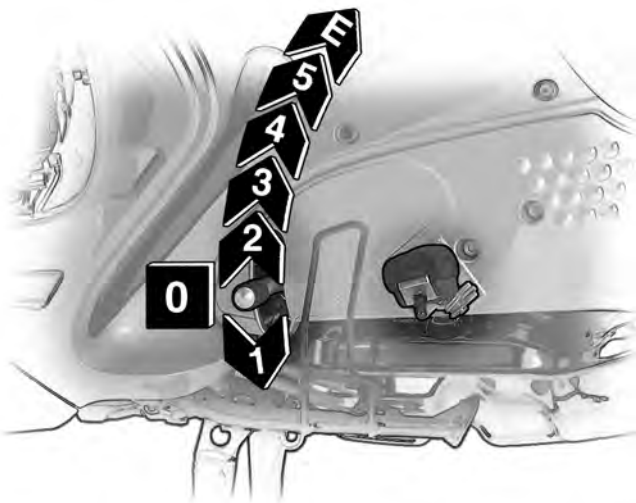
Gear shifts



Note:

Never slip the clutch excessively when changing gear. Vary your speed only by using the throttle in a suitable gear, not by slipping the clutch.

The digital gear indicator in the Rider Information Display shows which gear is selected (► 59).



Moving off and upshifts

- Pull the clutch lever in
- Press down on the gearshift lever (to select first gear) and take your foot off the lever
- Smoothly re-engage the clutch
- Increase engine speed slightly as necessary
- Accelerate when the clutch is fully engaged
- Upshift into 2nd, 3rd, 4th, 5th and E gears, in the same way, but lifting the gear lever

Downshifts

- Close the throttle (twistgrip)
- Pull the clutch lever in
- Select the next-lower gear: opposite direction to arrow
- Smoothly re-engage the clutch

Wet brakes

After the motorcycle has been washed, ridden through water or ridden in the rain, the brake discs and pads may be wet (or iced-over in winter), and may not take effect immediately.



Warning:

The brakes have to dry before they start to bite.

Salt on brakes

The full breaking effect can be delayed if the motorcycle is ridden on salt-covered roads and the brakes are not applied for some time.



Warning:

The layer of salt on the brake discs and pads must first be worn away.

Oil and grease on brakes



Warning:

Brake discs and pads must be free from oil or grease.

Dirt or mud on brakes

When riding on loose surfaces or muddy roads, the brakes may fail to take effect immediately because of dirt or moisture on the discs or brake pads.



Warning:

The brakes must first be applied until the discs and pads are clean.

Dirt on the brakes increases the rate of pad wear.



Warning:

If the brake lever can be moved right to the limit of its travel, this indicates a mechanical or hydraulic fault. The brake system is defective.

Immediately consult a specialist workshop, preferably an authorised BMW Motorrad dealer.

Sensitive electronic control

It takes skill and sensitive control of the brakes to pull up safely on a motorcycle. If the front wheel brake locks and the wheel skids, the necessary longitudinal and lateral stabilising forces are lost, and a fall can result.

For this reason, the rider seldom makes full use of available braking performance in an emergency.

BMW Integral ABS is the latest-generation BMW ABS development: by preventing both wheels from locking and optimising braking-force distribution by means of the integral function, it offers much improved braking performance (► 66).

Full use is made of technical braking capacity to minimise braking distances, even when road conditions are poor. When the motorcycle is ridden in a straight line, the BMW Integral ABS is able to handle emergency braking safely.

Safety margin

But remember: the potentially shorter braking distances which BMW Integral ABS permits must not be used as an excuse for careless riding. ABS is primarily a means of ensuring a safety margin in genuine emergencies.

- You have to familiarise yourself with the new, electronically assisted braking. Try the brakes several times when you take your motorcycle out for the first time. Find out for yourself how the brakes feel
- Never ride without due care and attention, or assume that good fortune will protect you from your own foolhardiness
- Keep within the permitted speed limits
- Take care when cornering. When you apply the brakes on a corner, the motorcycle's weight and momentum take over and even BMW Integral ABS is unable to counteract their effects.

Fully integral brakes

The integral brake function interlinks the front and rear brakes, so both wheels are braked when you operate the brake lever.

The electronic controller in the BMW Integral ABS computes the ideal braking-force distribution between front and rear wheels, and applies the brakes accordingly.

The ideal braking-force distribution depends on load and is recalculated every time the ABS controller comes into action.

In a fully integral brake configuration, the integral braking function is activated by either the handbrake lever or the footbrake lever.

Brake servo

The hydraulic pump in the BMW Integral ABS actively boosts the braking force acting on the wheel when the brakes are applied.

By boosting the braking force in this way, the BMW Integral ABS achieves higher braking efficiency than standard brake systems.

ABS anti-lock brake system

ABS prevents the wheels locking under heavy braking, thus contributing significantly to road safety.

RESIDUAL BRAKING FUNCTION

If the BMW Integral ABS develops a fault, a RESIDUAL BRAKING FUNCTION only is available in the brake circuits in question.

The RESIDUAL BRAKING FUNCTION is the braking efficiency without the hydraulic servo assistance of the BMW Integral ABS.

Under these circumstances, therefore, you must apply CONSIDERABLY higher pressure to the brake levers in question in order to apply the brakes, and lever travel is longer.

When the RESIDUAL BRAKING FUNCTION is active, the ABS function is unavailable in the brake system in question. When the RESIDUAL BRAKING FUNCTION is active, the integral braking function is partially or entirely unavailable.



Warning:

When the RESIDUAL BRAKING FUNCTION is active, maintain a defensive riding style and proceed immediately to the nearest specialist workshop, preferably an authorised BMW Motorrad dealer.



Note:

When the RESIDUAL BRAKING FUNCTION is active, it is advisable to set adjuster **A** (➡ 25) on the front-brake lever to position 4.

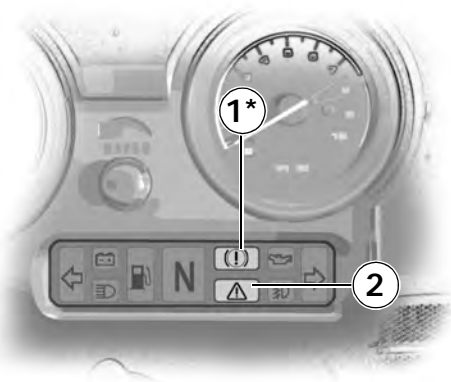
The RESIDUAL BRAKING FUNCTION is active under the following circumstances:

- Ignition off
- Before and during self-diagnosis (➡ 68)
- Fault in the BMW Integral ABS (➡ 71)



Note:

When the RESIDUAL BRAKING FUNCTION is active for both brake circuits, the noise of the pump is no longer audible when you operate the brake levers.



Self-diagnosis with pull-away test

The BMW Integral ABS performs self-diagnosis and a pull-away test to ensure its operability.

Self-diagnosis is performed automatically when you switch on the ignition.



Warning:

Self-diagnosis is not performed unless both brake levers are in their fully released positions.

Only the RESIDUAL BRAKING FUNCTION is available until self-diagnosis is completed (➡ 67).

- Release the brake levers, if necessary

- Switching on the ignition

Initially:


- ABS warning light **1**:
Flashes at 4 Hz
- General warning light **2**:
ON

➡ Self-diagnosis is in progress

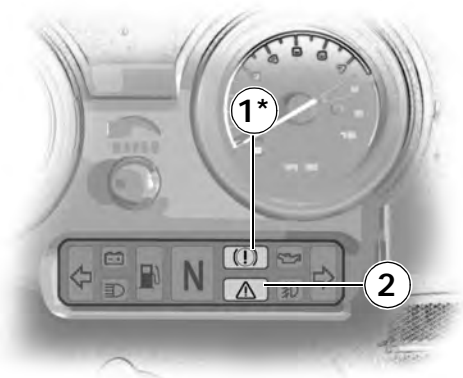
Then:

- ABS warning light **1**:
flashes at 1 Hz
- General warning light **2**:
OFF

➡ Self-diagnosis successfully completed

*  depending on national-market specification

Brake system - with BMW Integral ABS



3

69

Starting - Riding - Parking

- Start the engine.
- Move off
- ABS warning light **1**:
OFF (as of approx. 5 km/h
(3 mph) road speed)
- ➡ Pull-away test successfully
completed
- ➡ BMW Integral ABS
is available



Note:

Flashing at 1 Hz = 1 flash per
second (slow flashing)

Flashing at 4 Hz = 4 flashes per
second (fast flashing)



Note:

Starting on gradients:

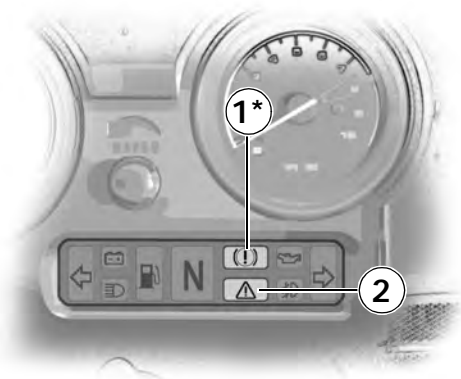
Always switch on the ignition
with gear engaged, clutch lever
released and both brake levers
released.

Self-diagnosis cannot be per-
formed if you do not follow this
procedure.

When self-diagnosis com-
pletes, apply the brakes, disen-
gage the clutch, and start the
engine.

- * depending on national-market
specification

Brake system - with BMW Integral ABS



Warning:

If the BMW Integral ABS fails in both brake circuits, a **RESIDUAL BRAKING FUNCTION** only is available! (► 67)



Warning:


If the **RESIDUAL BRAKING FUNCTION** (► 67) is active, maintain a defensive riding style and proceed immediately to a specialist workshop, preferably an authorised BMW Motorrad dealer.















Warning:

If there is a fault in the ABS system, the reserves of safety normally afforded by ABS are not available until the defect has been put right.

There is a risk of dropping the machine if the brakes are applied too hard and the front wheel locks or the rear wheel lifts clear of the ground as a result of a high level of front tyre adhesion. Have the defect rectified immediately by a specialist workshop, preferably an authorised BMW Motorrad dealer.

*  depending on national-market specification

BMW Integral ABS - Fault table

General warning light 	ABS warning light  / 	Malfunctions
OFF	ON	Only RESIDUAL BRAKING FUNCTION available in both circuits ( 67)
OFF	Flashes at 1 Hz	ABS not available Pull-away test not completed ( 68)
OFF	Flashes at 4 Hz	Only RESIDUAL BRAKING FUNCTION available in both circuits ( 67) Self-diagnosis not completed ( 68)
ON	OFF	Tail light/brake light defective ( Maintenance Instructions, Chapter 2)
ON	Flashes at 1 Hz	At least one brake circuit without ABS ( 66)
ON	Flashes at 4 Hz	At least one brake circuit in RESIDUAL BRAKING FUNCTION mode ( 67)
Alternate flashing at 1 Hz	Alternate flashing at 1 Hz	Fluid level in BMW Integral ABS too low. Check the motorcycle as follows: <ul style="list-style-type: none"> - Ignition OFF: is brake pressure OK at the brake levers? - Are the brakes acting on both wheels? - Is the brake system leaktight, no signs of brake fluid escaping? The brake system is defective if the test outcome is negative.
Alternate flashing at 4 Hz	Alternate flashing at 4 Hz	Fluid level in the BMW Integral ABS is too low, perform the checks listed above. Only RESIDUAL BRAKING FUNCTION available in at least one circuit ( 67)
		 Warning: Do not ride the motorcycle if you have any doubts about the dependability of the brake system.

Know-how...

In recent years, motorcycles' technical design features have become more and more sophisticated.

Motronic, electronic ignition, integral brakes, the catalytic converter or the use of four valves per cylinder are clear signs that far more than basic technical knowledge may be needed to solve certain problems. In addition, high-tech materials are increasingly taking the place of conventional ones, which again calls for thorough and expert knowledge if they are to be handled correctly during repair work.

To be sure of achieving the necessary standard, it is always advisable to consult your authorised BMW Motorrad dealer.

The authorised BMW Motorrad dealer employs staff who attends regular and comprehensive training courses.

Authorised BMW Motorrad dealers also receive all the current technical information and are therefore fully aware of the latest developments.

...technical features...

The authorised BMW motorcycle dealer's staff has the experience and all the necessary facts at its disposal when it comes to solving problems quickly and effectively. Workshops are equipped with the latest technical facilities, for example the special tools developed by BMW such as the **BMW** diagnosis system or exhaust emissions tester.



Regular visits to the workshop for routine servicing are strongly recommended even after the warranty period has elapsed. They are the only way to be genuinely certain that your BMW motorcycle is being kept in perfect working order.

For goodwill work after the warranty period has expired, evidence of regular maintenance by an authorised BMW motorcycle dealer is essential.

Certain signs of wear may not otherwise be noticed until it is too late to put them right at moderate cost.

The staff in the authorised BMW motorcycle dealer or workshop know every detail of your motorcycle and can take remedial action if necessary before minor faults develop into serious problems. By having the necessary repairs done properly and in good time, you save time and money in the long run.

...service

You can obtain accurate advice in all cases, and make appointments with a firm completion deadline which we will comply with punctually. But the most gratifying feeling of all is that your BMW is in genuinely good shape when it leaves the authorised BMW Motorrad dealer's workshop – and above all, safe.

BMW Service Card

A Service Card is available for all new BMW motorcycles.

A wide range of emergency-assistance services are in place to help you in the unlikely event of a problem occurring somewhere far from home.

If you have a breakdown anywhere in Europe, just call our Central Emergency Service number from any telephone. Our experts are on duty there day and night to arrange assistance for you. They can provide practical advice on what to do next and can make arrangements on your behalf, for example notifying local emergency services anywhere in Europe, recovery and transportation of the motorcycle to the nearest authorised workshop, a taxi for you, and even a replacement vehicle and hotel accommodation, if necessary.

BMW Service worldwide

And if your travels take you even further afield, you have no need to worry: we are represented in more than 100 countries of the world.



Note:

Call us if you have any questions about the BMW dealership network. You can contact us from any European country on a telephone hotline. The phone numbers are listed in the **European Service** booklet (see on-board documentation). Or if you prefer you can use the homepage address to contact us on the Internet.

Development...

Motorcyclists have an intensive relationship with nature. BMW has made sure that they continue to enjoy the best possible prospects for successful riding in the future.

For instance, your new Boxer is available with exhaust emission control by closed-loop, three-way catalytic converter.

...waste disposal...

Behind the scenes, in the repair shop, we do not neglect the pro-environmental aspects of our work either.

Wherever possible, we use environmentally acceptable biodegradable materials. We ensure strict compliance with all environmental legislation, for example the correct disposal of old oil, which is now classified as hazardous waste in many countries.

...recycling

Alongside the correct disposal of environmentally hazardous materials, recycling is another high-priority issue for BMW. For example, plastics are individually marked so that they can be returned to the materials cycle. Remember: when it comes to making repairs to your motorcycle, the authorised BMW motorcycle workshop is far better equipped to protect the environment than you are at home.



The essentials

To reach your destination safely every time, there is only one choice:

- Helmet
- Suit
- Gloves
- Boots

It is foolhardy to ride without these items of clothing. This even applies to short journeys, and to every season of the year.

Well-planned riding pleasure

Many motorcyclists have learned the hard way that the proper clothing contributes so much to riding pleasure. You must feel comfortable and relaxed – and your own safety must never be endangered. There is no doubt about it: when buying motorcycling clothing, you simply can't set your sights too high. It's good to know that the BMW brand can be trusted to supply you with safe, high-quality rider's clothing as well.

Information on the latest products is always available from your BMW Motorrad dealer.



Always an idea ahead

This is our motto – and it is one we live up to. For many years now, BMW has offered the enthusiast everything capable of enhancing the fascination of motorcycling. A unique programme that is regularly updated and offers plenty of scope for choosing items according to individual preferences.

Ask your BMW Motorrad dealer for the latest upgrades and retrofits.

Every accessory product is made to the same exemplary standards of design, function and quality as the motorcycle itself. This calls for a great deal of experience, but our engineers are themselves enthusiastic motorcyclists who know what is needed. Equipment details are included in the development programme for every new motorcycle, and their practical value and reliability thoroughly tested. This is your guarantee of the high quality you expect from BMW.

Cornering and braking need to be practiced

Develop a “sixth sense” for potentially dangerous situations. What this means: look ahead, plan how to avoid possibly dangerous situations and study other road users' behaviour with a degree of healthy scepticism.

- Take bends smoothly and rhythmically, avoiding violent braking and acceleration
- Approach bends slower than you feel they can be taken; a neat riding style will get you to your destination more safely than sheer speed
- Ride at the inner edge of the ideal line, look ahead and plan to leave the bend as smoothly as you entered it

Allow for reaction time when judging braking distances.

- At 50 km/h (approx. 30 mph), for instance, every second lost represents a further distance of about 14 metres (46 feet) before the brakes are applied
- At 90 km/h (approx. 56 mph), this distance grows to 25 metres (82 feet)

Practice applying the brakes with and without an extra load on the motorcycle, and study its reactions on various kinds of road surface.

Work up to the wheel lock limit gradually.

BMW has a worthwhile safety contribution to make in this area too – BMW Safety Training.

These programmes are a wonderful opportunity: systematic basic and follow-up training enables you to master situations close to the limit and keep your motorcycle under supreme control whatever happens.

Now it is your turn.

- Regular care is important, with all functions checked before the journey starts
- Use only genuine BMW accessories. They comply with all the relevant safety requirements and are perfectly matched to your BMW
- Your BMW Motorrad dealer is best placed to service your motorcycle
- Do not under any circumstances install unapproved extras: the use of unapproved accessories constitutes a safety risk and voids your insurance and the motorcycles permit
- Technical modification should be performed by a trained mechanic at your BMW Motorrad dealership



Note:

Your local BMW motorcycle dealer can supply you with useful items to accompany the Maintenance Instructions.

- BMW Repair Manual
- BMW set of circuit diagrams

It is good to know you have thought of everything, isn't it?

Our aim is to make your journey safer

We want you to reach your destination safely – and for riding your BMW Boxer to be the most delightful leisure pastime in the world!

A

Anti-lock brake system

Notes, 67, 70, 71

Audio system handlebar remote control, 10

B

BMW Integral ABS

Brake fluid level, checking, 28

Changing brake fluid, 28

Brake fluid level

Checking

Front brake, 30

Rear brake, 31

Brake pads, checking, 27

Brake system

With BMW Integral ABS, 28,

29, 30, 31

Brake system, checking, 26

C

Catalytic convertor

Safety instructions, 45

Choke

Cold start, 55

Cold start lever, 10

Clock (RID), 59

Clutch

Fluid level, 32, 34

Clutch lever, 24

Cockpit

Overview, 6

Cockpit instruments, 6

Cold start lever

Operation, 55

Position, 10

D

Distance recorder (odometer), 6

Dualseat, 12

Dualseat lock

Position, 4

E

Emergency ignition off

(kill) switch, 11

Engine oil, 21

Filler, 21

Temperature display (RID), 58

Engine oil filler, 21

Engine oil pressure

Telltale light, 56

F

Filler cap, 5

Fog lamp, 6

Front brake

Brake fluid level, 30

Brake fluid reservoir, 5

Handbrake lever, 25

Fuel

Capacity, 23

Octane number, 23

Refuelling, 22

Fuel filler cap, 5

Fuel gauge (RID), 59

Fuse box, 5

G

Gear indicator (RID), 59

Gearshifts, 60, 61

General view

Left side, 4

Right side, 5

H

Handlebar fitting

Left, 10

Right, 11

Handlebar levers

Clutch lever, 24

Handbrake lever, 25

Hazard warning flashers, 17

Headlight adjustment

Right/left-hand riding, 35

Heated handlebar grips, 11

Helmet holder, 5

High/low (dipped) headlight switch, 10

Hydraulic fluid

Clutch, 32

I

Ignition switch and steering lock, 6

Function, 8

Ignition, switching on, 52, 53

L

Left-hand riding

Headlight adjustment, 35

Light switch, 11

Lights

Notes, 33

Low (dipped) headlight switch, 10

M

Main (centre) stand, 48, 49

Motorcycle accessories, 77

N

Neutral (gearbox), 53

O

Octane number (fuel), 23

Oil filler, 4

Oil level

Checking, 21

Engine oil pressure, 7, 56

Overheating, risk of, 54

P

Partially integral brakes, 66

Power socket, 12 V, 6

R

Radio display, 6

Rear brake

Brake fluid level, 27

Brake fluid reservoir, 5

Refuelling, 22, 23

Remote control

Audio system

Handlebars, 10

Residual braking function, 29, 67

Revolution counter, 6

RID (Rider Information Display),

58, 59

Rider Information Display

Clock, 59

Engine oil temperature display,

58

Fuel gauge, 59

Gear indicator, 59

Rider's equipment, 76

Riding, 60

Right flashing turn indicator

switch, 11

Right-hand riding

Headlight adjustment, 35

S

Safety checklist, 18

Safety instructions

Catalytic convertor, 45

Explanation, 86

General, 44

Service worldwide, 74

Side stand, 46, 47

Speedometer, 6

Starter button, 11

Starting, 54

Storage compartment, 13

Suspension spring preload, 37

System case, 16

T

Tank capacity, 23

Telltale and warning light

Engine oil pressure, 57

Telltale lights

ABS check, 7, 56

Battery charge, 7

Battery charge current, 56

Engine oil pressure, 7, 57

Fuel level, 56

Gearbox neutral indicator, 7

High-beam headlight, 7

Right turn indicator repeater, 7

Tank capacity, 7

Turn indicator, left, 7

Toolkit, 5

Tools, 5, 12

Tread depth, tyres, 38

Trip distance recorder, 6

Turn indicator cancel switch, 11

Turn indicator repeater

Telltale lights, 7

Turn indicator switch, left, 10

Tyres

Pressures, 39

Running in, 51

Tread depth, 38

V

Valve caps, 39

W

Warning lights

ABS check, 56

Battery charge current, 56

Fuel level, 56

General, 7, 56

Warnings

Braking, 62

Wheel rims, 38

Windshield adjustment

Rocker switch, 10

Details described or illustrated in this booklet may differ from the motorcycle'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.

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