Welcome to BMW

Congratulations on your purchase of this BMW anti-theft alarm.
It acts as a deterrent for potential thieves, while at the same time being easy and straightforward to use.

Your authorised BMW motorcycle dealer will be glad to assist you in all matters relating to your motorcycle.
We hope you will enjoy familiarising yourself with these instructions for use, and we would like to take this opportunity of sending you our very best wishes.

Your

BMW Motorrad

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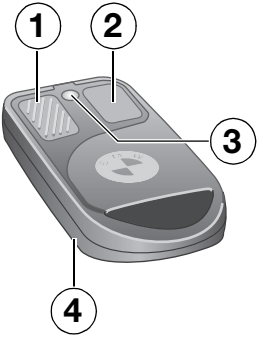
Any attempt to move the motorcycle, change its position, start it without your permission, or disconnect the battery will trigger the alarm. The sensitivity of the system is set in such a way that slight vibrations of the motorcycle will not trigger a false alarm.
Once you have activated the alarm, any attempted theft is indicated acoustically by the siren and visually by all four turn indicators flashing at the same time.

You can customise the anti-theft alarm in certain ways to suit your needs and preferences.

Note:
In order to protect the motorcycle's battery and ensure that the engine can be started, the alarm system deactivates itself automatically a certain number of days after being activated, although it always remains active for at least 7 days.



1 Left button (ribbed)
2 Right button
3 LED
4 Radio remote control unit

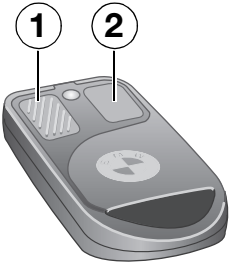
Refer to the Rider's Manual to ascertain precisely where the status LED is installed on your motorcycle.

Functions of the remote control unit

Operation	Button 1	Confirmation
Press once	Activate alarm function	Indicators flash 2x Alarm tone sounds 2x (if programmed)
Press again	Deactivate motion sensor (for transport, for example)	Indicators flash 3x Alarm tone sounds 3x

Operation	Button 2	Confirmation
Press once	Deactivate alarm function	Indicators flash 1x Alarm sounds 1x (if programmed)
Press again	–	–

Note:
The signals from your remote control unit could be disrupted by interference from other radio systems or devices transmitting on the same frequency.
If you encounter this problem, try pointing the remote control unit at the motorcycle from a different direction.



Activation with motion sensor

The alarm function is activated

- by pressing button **1** on the remote control unit once

or

- by switching off the ignition (if programmed (➠ 15))

– When you switch off the ignition, 30 seconds elapse before the activation phase

Activation is confirmed

- by the indicators flashing twice

and

- by the alarm tone sounding twice (if programmed (➠ 15))

If you decide to activate the alarm function more than one minute after switching off the ignition, you must press button **1** for longer than one second.

If it is left unprimed for longer than approximately one hour, the anti-theft alarm shuts itself down in order to minimise the power drain on the battery. If you want to reactivate the alarm function after this period of time you must switch the ignition on and then off again.

Deactivating the motion sensor

If, for example, you want to transport your motorcycle by train, it is advisable to deactivate the motion sensor. Severe movements while the motorcycle is in transit could trigger a false alarm.

You deactivate the motion sensor

- by pressing button **1** on the remote control unit for a second time within the activation phase (➠ 8)

Deactivation is confirmed

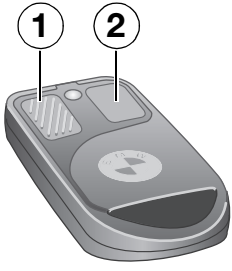
- by the indicators flashing three times

and

- by the alarm tone sounding three times

15 seconds elapse before the alarm function is fully active.

Status of the anti-theft alarm	Anti-theft alarm telltale light
Activation phase (15 seconds)	Slow flashing (0.1 sec. on / 0.9 sec. off)
Anti-theft alarm active	



Triggering the alarm

The alarm can by triggered

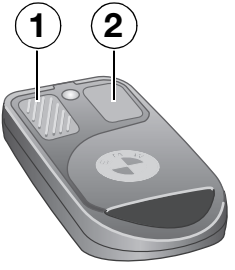
- by the motion sensor
- by an attempt to switch on the ignition with an unauthorised key
- by disconnection of the anti-theft alarm from the motorcycle's battery (the anti-theft alarm's internal battery cuts in to supply power)

Alarm

An alarm lasts for 26 seconds. The alarm is active again 12 seconds later. You can cancel an alarm at any time after it has been triggered by pressing button **2** on your remote control unit. This function does not change the status of the anti-theft alarm.

An acoustic alarm sounds and the turn indicators flash for the duration of the alarm. You can program the sound of the acoustic alarm (➠ 15).

Deactivating the alarm function



Deactivating the alarm function

The alarm function is deactivated

- by pressing button **2** on the remote control unit once (if the alarm function was activated automatically beforehand when you switched off the ignition, it is reactivated 30 seconds later)

or

- by switching on the ignition with an authorised key

Deactivation is confirmed

- by the turn indicators flashing once

and

- by the alarm tone sounding once (if programmed (➠ 15))

Note:

The alarm function can only be deactivated if the emergency stop switch is in the operating position.

Reasons for an alarm

Once you have deactivated the alarm function, the anti-theft alarm telltale light is active for a period of one minute to show you reasons for alarms, if any, that were triggered in your absence:

- Flash 1x:
  Motion sensor
- Flash 2x:
  Motion sensor
- Flash 3x:
  Ignition ON with unauthorised key
- Flash 4x:
  Anti-theft alarm disconnected from motorcycle battery

Indication of alarm activation

If an alarm has been given since the last time the alarm function was activated, this is indicated by a one-off signal that sounds when the ignition is turned on.

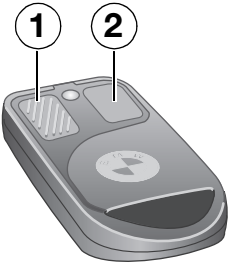
Customising the anti-theft alarm

You can customise the BMW anti-theft alarm system to suit your needs and preferences as follows:

- Acoustic confirmation after activation/deactivation of the anti-theft alarm in addition to turn indicators flashing
- Rising and falling or intermittent acoustic alarm
- Automatic activation of the alarm function when the ignition is switched off

Setting	Status
Acoustic confirmation after activation/deactivation	OFF
Type of acoustic alarm	Intermittent
Automatic activation of alarm function when ignition is switched off	OFF

Programming mode, accessing



Step	Action	Confirmation
1	Deactivate alarm function	
2	Ignition ON	
3	Press button **1** three times	1x acoustic acknowledgement
4	Switch ignition OFF within 10 seconds	
5	Press button **2** three times	1x acoustic acknowledgement
6	Switch ignition ON within 10 seconds	3x acoustic acknowledgement

The programming function is now active.

The number of times the anti-theft alarm telltale light flashes indicates the step to which you have progressed in programming.
An alarm tone sounds as confirmation when you press button **1**, whereas an acknowledgement tone sounds when you press button **2**.
The anti-theft alarm telltale light stops flashing and four acknowledgement tones sound when you complete the final step.

Step	Setting	Button 1	Button 2
1	Beep as confirmation after activation/deactivation	ON	OFF
2	Not used	Press button **1** or **2**	
3	Type of acoustic alarm	Swelling	Intermittent
4	Automatic activation of alarm function when ignition is switched off	ON	OFF

Programming mode is cancelled

- by switching off the ignition before the final step is completed

or

- automatically if more than 30 seconds are allowed to elapse between any two consecutive steps in the programming routine.

Programming is saved

- by switching off the ignition after the final step is completed

or

- automatically 30 seconds after completion of the final step

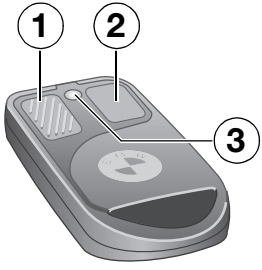
Four acknowledgement tones sound to indicate that you have exited the programming function.

Your custom settings are not saved if programming is aborted.

If you want to start using an extra remote control unit or replace a remote control unit that has been mislaid, you always have to register all the remote control units with the anti-theft alarm. You can register a maximum of four remote control units.

Step	Action	Confirmation
1	Deactivate alarm function	
2	Switch on the ignition	
3	Press button **2** three times	1x acoustic acknowl-edgement
4	Switch ignition OFF within 10 seconds	
5	Press button **2** three times	1x acoustic acknowl-edgement
6	Switch ignition ON within 10 seconds	2x acoustic acknowl-edgement

Registering the remote control unit



You can now register a maximum of four remote control units with the anti-theft alarm.

Step	Action	Confirmation
1	Press and hold down buttons **1** and **2**	LED **3** flashes
2		LED stops flashing after 10 seconds
3	Release buttons **1** and **2**	LED ON
4	Press button **1** or **2**	1x alarm, LED off
5	Repeat steps 1 - 4 for each additional remote control unit you want to register.	

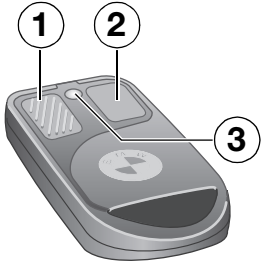
Exiting registration mode

Registration terminates

- once four remote control units have been registered
- if the ignition is switched off
- if, after ignition OFF, 30 seconds elapse without a button being pressed
- if, after a remote control unit has been registered, 30 seconds elapse without a button being pressed

The LED flashes and the acknowledgement tone sounds three times when registration ends.

Synchronising the remote control unit

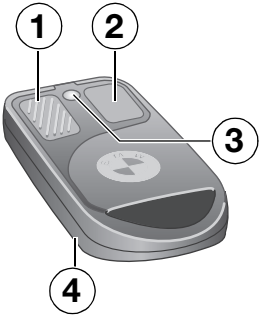


Synchronisation is necessary if the buttons on the remote control unit are pressed more than 256 times outside the range of the receiver. When this limit is reached the receiver on the motorcycle no longer reacts to signals from the remote control unit.

The procedure for synchronisation is as follows:

Step	Action	Confirmation
1	Press and hold down buttons **1** and **2**	LED **3** flashes
2		LED stops flashing after 10 seconds
3	Release buttons **1** and **2**	LED ON
4	Press button **1** or **2**	LED OFF

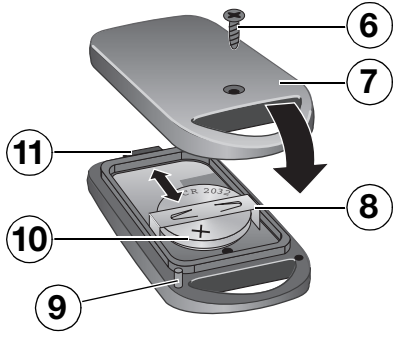
Changing the battery



Changing the batteries in the remote control units

The batteries in the remote control units are due for replacement after approx. 2–3 years. You can tell when a battery is weak if LED **3** lights up only briefly, or not at all, when a button is pressed.

Attention:
Use only 3 V type CR 2032 lithium batteries.
Take care not to reverse polarity when inserting the battery. Inserting a battery of a different type or inserting the battery with polarity reversed could cause irreparable damage to the device.



- Remove screw **6** and lift off the bottom section of the housing **7**
- Slide the spent battery **10** out from underneath the retainer **8** and insert the new battery – **making sure the positive terminal is up**
- Place the bottom section of the housing on projection **11** at the front edge and close the housing. Make sure that the two guide pins **9** are engaged. Tighten the screw

– After the battery has been changed, LED **3** remains permanently on – the remote control unit **now has to be synchronised**

- You do this by holding the remote control unit within the range of the receiver and pressing button **1** twice in succession

– LED **3** starts flashing and goes out a few seconds later
– The remote control unit is now ready for use

Anti-theft alarm	
Neutral activation time	15 seconds
Alarm duration	26 seconds
Neutral time between two consecutive alarms	12 seconds
Operating temperature	–40 °C to +85 °C (–40 °F to +85 °F)
Trigger angle of the motion sensor	±0.7°
Current consumption (idle current with system active)	< 1 mA
Operating voltage	9–16 V
Remote control unit	
Range of the remote control unit	approx. 10 m (33 ft)
Transmission frequency	433.92 MHz (Japan: 315 MHz)
Signal frequency	> 25 kHz (broadband)
Battery for remote control unit	3 V lithium battery, type CR 2032

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