

**Instruction Manual**  
AirFlow2 helmet



BMW Motorrad



The Ultimate  
Riding Machine

## Motorcycle data/dealership details

### Motorcycle 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)

We congratulate you on your choice of a motorcycle helmet from BMW Motorrad and welcome you to the community of BMW riders.

Familiarise yourself with your new helmet so that you can use it safely and confidently in all traffic situations. Please read through these instructions; they contain important information on how to use, maintain and care for your helmet.

If you have questions concerning this helmet, your authorised BMW Motorrad dealer will gladly provide advice and assistance.

We hope that you will enjoy riding your BMW and that all your journeys will be pleasant and safe

BMW Motorrad.

76 31 8 531 446



## Table of Contents

You can also consult the index at the end of this manual if you want to find a particular topic or item of information.

|                                    |           |  |           |
|------------------------------------|-----------|--|-----------|
| <b>1 General instructions ....</b> | <b>3</b>  | <b>5 Care .....</b>                            | <b>19</b> |
| Safety instructions .....          | 4         | Cleaning helmet outer shell .....              | 20        |
| Abbreviations and symbols .....    | 4         | Cleaning head pad .....                        | 20        |
| Aerodynamics .....                 | 5         | Cleaning visor .....                           | 20        |
| <b>2 General views .....</b>       | <b>7</b>  | Touching up paint damage .....                 | 20        |
| Overview .....                     | 8         | <b>6 Technical data .....</b>                  | <b>21</b> |
| <b>3 Operation.....</b>            | <b>9</b>  | Helmet .....                                   | 22        |
| Donning helmet .....               | 10        | <b>7 National versions and ECE label .....</b> | <b>23</b> |
| Adjusting chin strap .....         | 10        | ECE R 22/05 .....                              | 24        |
| Adjusting air flow .....           | 11        | Warning for USA .....                          | 24        |
| Operating visor .....              | 11        | <b>8 Index .....</b>                           | <b>25</b> |
| <b>4 Maintenance .....</b>         | <b>13</b> |  |           |
| Head pad .....                     | 14        |  |           |
| Visor .....                        | 16        |  |           |

**General instructions**

Safety instructions ..... 4  
Abbreviations and symbols ..... 4  
Aerodynamics ..... 5



## Safety instructions

This helmet has been manufactured from high-strength materials in accordance with the state of the art. Bear in mind, however, that no helmet can protect you against all imaginable injuries or impacts.

This BMW motorcycle helmet is designed only for motorcycling – it is not approved for use for other purposes.

Helmet usage and environmental influences give rise to a process of ageing and wear and tear. Consequently, BMW Motorrad recommends replacing the helmet after five years.


If you are involved in a crash or if the helmet is exposed to impact, the helmet's ability to provide its design-base level of protection is no longer ensured. The hel-


met is designed to absorb impact energy in the event of a crash. The absorption of forces causes complete or partial damage to the outer shell and/or the inner shell of the helmet. This damage is generally not apparent to the naked eye - particularly in the case of damage to the inner shell. Consequently, the helmet always has to be replaced after a crash or impact. For safety reasons, it is important to render a damaged helmet completely unwearable.

Use only BMW Motorrad-approved paint to touch up this helmet. Paints that have not been approved can lead to damage or reduce the helmet's ability to provide its design-base level of protection.

Do not secure your helmet in close proximity to the exhaust and do not secure it to the engine. The high temperatures can cause invisible damage and impair your helmet's ability to provide its design-base level of protection.



## Abbreviations and symbols

 Indicates warnings that you must comply with for reasons of your safety and the safety of others, and to protect your motorcycle against damage.

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

◀ 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.
-  Item of technical data.

These fluctuations in air pressure are perceived as sound. If these fluctuations in air pressure occur at the underside of the helmet there is a sharp increase in sound level inside the helmet. The extent to which even an acoustically optimised helmet can reduce this sound is subject to constraints.

### **Aerodynamics**

The aerodynamic and aero-acoustic properties of a motorcycle helmet depend heavily on the prevailing airflow conditions. Turbulence can be experienced to a greater or lesser extent, depending on seated position and on the design of the windscreen and the fairing.

## General instructions

1

6



**General views**

Overview ..... 8



General views

**Overview**

- 1 Air-flow slots
- 2 Air-flow slider (⇒ 11)
- 3 Chin strap with buckle and adjuster (⇒ 10)
- 4 Visor (⇒ 11)



**Operation**

Donning helmet..... 10  
Adjusting chin strap..... 10  
Adjusting air flow ..... 11  
Operating visor ..... 11

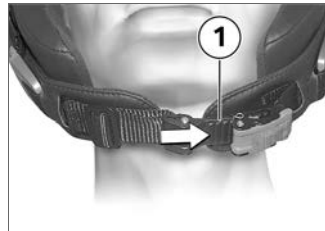



Operation

### Donning helmet

Prior to initial usage:

- Adjust the chin strap. (➡ 10).
- Hold the helmet by the chin strap at both sides, pull slightly apart and don the helmet.



 An unbuckled or slack chin strap restricts protective efficiency.

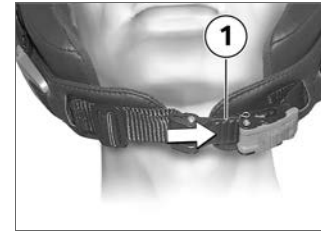
Before riding off for the first time, adjust the length of the chin strap so that with the latching tab inserted all the way into the buckle the chin strap is seated against your neck.

Always buckle the chin strap correctly before riding off and keep it buckled at all times while riding. ◀

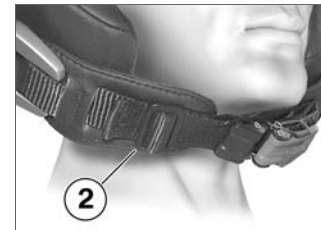
- Adjust chin-strap pad to the correct position and push latching tab **1** into the buckle until the chin strap is against your neck.
- » Insertion depth can vary, depending on the clothing situation at the wearer's neck.

### Adjusting chin strap

- Adjust to basic position before riding off for the first time wearing the helmet.



- Don the helmet and push latching tab **1** as far as possible into the buckle.

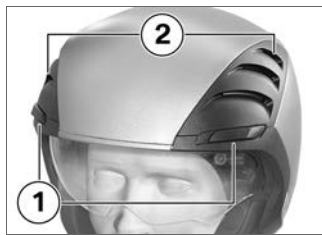


- Adjust the chin strap by shortening or lengthening the chin

strap as necessary at B-ring **2** at the helmet end.

- Adjust the length of the chin strap until the strap is seated snugly against your neck when the latching tab is fully inserted in the buckle.

### Adjusting air flow



- On left and right push sliders **1** out to open air-flow slots **2**.

► The effectiveness of the ventilation system can be noticeably less behind a high windscreen or a full motorcycle fairing.◀

- Push the sliders on left and right in to close the air-flow slots.

### Operating visor



⚠ Scratch marks on visor impair vision.

Immediately replace the visor if it becomes scratched or hazed.◀

- Using one hand at a grip edge **1**, pull the visor down or push it up.
  - » The visor latches at its limit positions.



**Maintenance**

Head pad ..... 14

Visor ..... 16

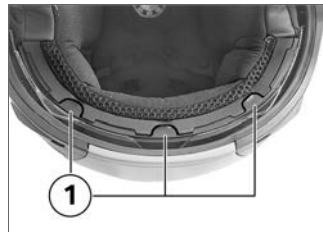
# 4

14

Maintenance

## Head pad Removing head pad

- Open the visor.



- Lift tabs **1** and disengage the head pad from the retainers.



- In the neck zone, pull the head pad out from between inner and outer shells.

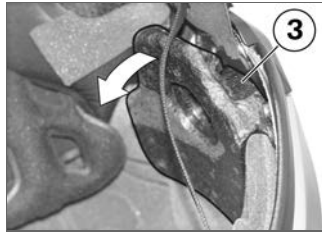


- At left and right, disengage the head pad from the rear stud fasteners at position **2**.

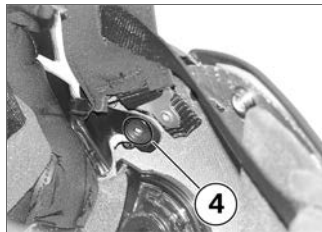


- Pull the head pad forward out of the helmet until side elements **3** of the inner shell on left and right are accessible.





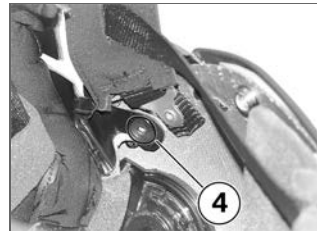
- Remove left and right side elements **3** from the inner shell by turning them inward.



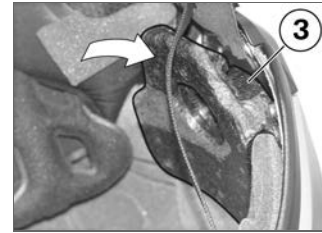
- At left and right, disengage the head pad from front stud fasteners **4**.

- Remove the head pad from the helmet.

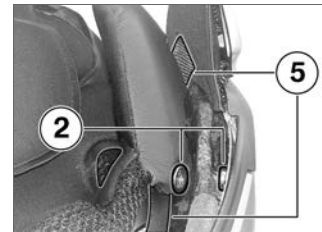
### Installing head pad



- Close front stud fasteners **4** on left and right.



- Hold side elements **3** in position on left and right and press outward and downward.



- On left and right, work neck tape **5** through the cheek pads and to the rear.

**4**

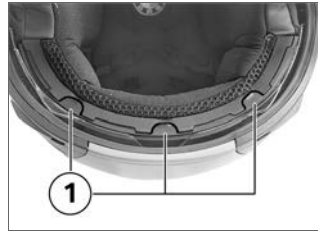
15

Maintenance

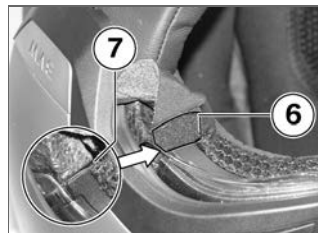
- Close rear stud fasteners **2** on left and right.



- In the neck zone, push the head pad in between inner and outer shells.



- Slip reinforced part of the head pad underneath the holder and press it into the retainers at positions **1**.



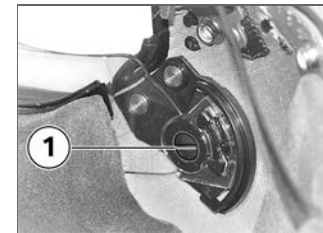
- At left and right, push reinforced ends **6** of the head pad

into gap **7** between the forehead pad and the side pads.

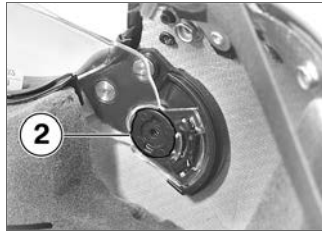
## Visor

### Removing visor

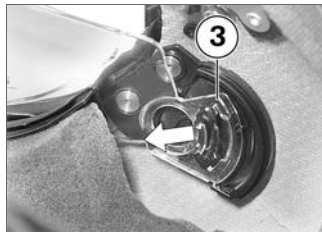
- Remove the head pad. (→ 14).



- Remove screw **1** on left and right.



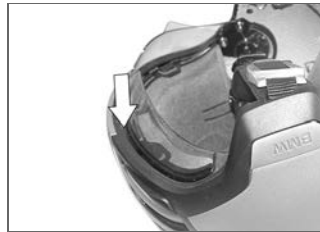
- Remove washers **2** on left and right.



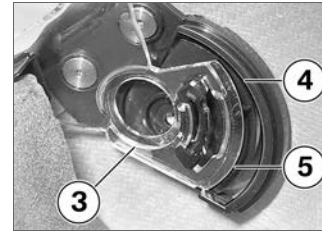
- Carefully ease left and right ends of visor **3** inward and forward to disengage them from the latches.

- Remove the visor from the helmet shell.

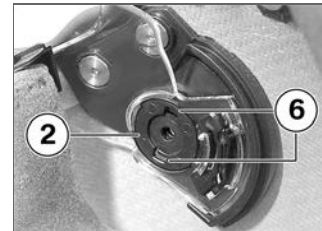
#### Installing visor



- Position the visor between the helmet shell and the head pad.

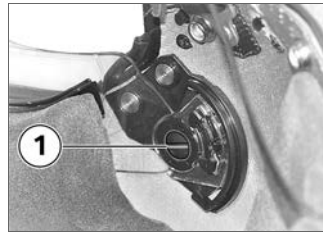


- Carefully press left and right visor ends **3** into the latches. Make sure that visor edge **5** engages underneath guide **4**.



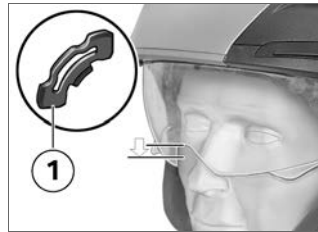
- Install washers **2** on left and right, making sure that

recesses **6** are seated in the mount.



- Install screws **1** on left and right.
- Install the head pad (→ 15).

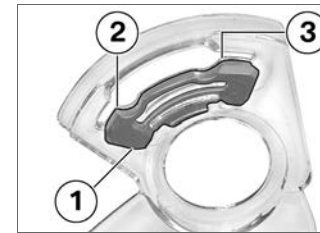
### Adjustable visor



If you find that in its bottom limit position the visor is too high for your liking, you can lower it slightly with the indexing latches **1** provided for the purpose. The visor has to be removed to permit this alteration to be made.

#### Adjusting visor limit position

- Remove the visor. (→ 16).



- On left and right, remove indexing latches **1** (grey) and substitute the alternative indexing latches (black). To make sure the left-hand and right-hand parts are installed right way round:
  - Check that sharp edge **2** is toward the bottom edge of the visor and the rounded edge **3** is toward the top edge of the visor.
- Install the visor. (→ 17).

**Care**

Cleaning helmet outer shell ..... 20  
Cleaning head pad ..... 20  
Cleaning visor ..... 20  
Touching up paint damage ..... 20

### Cleaning helmet outer shell



Risk of damage to paint finish.

Do not apply petrol or solvents to the outer shell of the helmet. ◀

- Clean the helmet outer shell with a mild solution of soap in water or with BMW helmet cleaner.



It is possible to use cleaning agents that contain alcohol. ◀

### Cleaning head pad

- Remove the head pad. (➡ 14).
- Hand-wash the head pad at max. 30 °C.
- Use only a mild solution of soap in water and then allow to dry slowly in the air.
- Install the head pad (➡ 15).

### Cleaning visor



Possible damage to anti-scratch finish (Antiscratch coating).

Do not use petrol, solvents, window or glass cleaners or other cleaning agent containing alcohol on the visor. ◀

- Clean the visor with a soft cloth and a mild solution of soap in water or with BMW visor cleaner.
- Remove stubborn foreign matter (e.g. dried remains of insects) from the visor by laying a wet cloth on the surface to soften the deposits and then wiping off.
- Use a lint-free cloth to dry the visor.

### Touching up paint damage

- Use only BMW Motorrad-approved materials to touch up minor paint damage.

**Technical data**

Helmet..... 22



Technical data

**Helmet**

|                    |   |
|--------------------|---|
| Helmet outer shell | Outer shell made of multiple layers of glass fibre reinforced plastic, extra reinforcing layers at critical load zones        |
| Helmet inner shell | 4-part inner shell made of EPS (expanded polystyrene) with different thicknesses for optimum impact-absorbing characteristics |
| Interior           | Fully removable interior made of moisture-transporting material   |
|                    | Chin strap with snap lock and neck tapes  |
| Visor              | Visor clear, scratch-resistant coating on inside and outside  |
| Ventilation        | Ventilation by slide controls at each side  |
|                    | Air discharge through openings at nape of neck  |



**National versions and ECE label**  
ECE R 22/05 ..... 24  
Warning for USA..... 24

**ECE R 22/05**

The BMW Airflow helmet is approved to the currently valid standard ECE R 22/05. This standard also applies for England (UK).

the USA or other countries not bound by the ECE standard.

**Warning for USA**

This helmet is not compliant with the applicable DOT standard and therefore cannot be worn for motorcycling in the USA.

This helmet is manufactured, tested and approved in accordance with the European ECE standard and consequently is not in compliance with the regulations and requirements that apply in the USA. Its use is permitted only in countries in which the European ECE standard applies. Use in other countries does not justify claims before courts in

**A**  
Abbreviations and symbols, 4  
Aerodynamics, 5

**C**  
Chin strap  
  Adjusting, 10

**H**  
Head pad  
  Installation, 15  
  Removal, 14  
Helmet  
  care, 19  
  Cleaning, 19  
  donning, 10  
  Overview, 8  
  removing, 10

**S**  
Safety instructions, 4

**V**  
Ventilation  
  Adjusting, 11

Visor  
  adjusting bottom limit  
  position, 18  
  Installation, 17  
  Operation, 11  
  Removal, 16

**W**  
Warnings, 4

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.

Errors and omissions excepted.

© 2011 BMW Motorrad

Not to be reproduced either wholly or in part without written permission from BMW Motorrad, After Sales.

Printed in Germany.

BMW recommends 

Order No.: 76 31 8 531 446  
12.2011

