



special cases  
&  
bags



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special cases & bags  
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The following prices and conditions apply for different airlines  
(Status December 2011, all details provided without liability 1€ = aprox. \$1.30):

Airline	One-way flight Short & medium haul	One-way flight Long haul	Comments	Registration
<b>Air Berlin</b>	50 € Pre-registration 100 € At the airport	75 € Pre-registration 125 € At the airport	Max. 32 kg. Packed in a cover or similar For topbonus Card Silver/ Gold or topbonus Service Card holders, 1 item of special luggage up to 32 kg will be transported free of charge if registered on time.	Registration during online booking necessary or subsequent registration 48 hours before departure
<b>Condor</b>	50 € Pre-registration 100 € At the airport	75 € Pre-registration 125 € At the airport	Up to 30 kg including packag- ing, handled as excess bag- gage above this weight. Only packed bikes will be trans- ported. Condor bike cases or bike bags are recommended as packaging. Tandem 50 % surcharge. Bikes with an electric motor will not be transported.	Registration during book- ing or registration subse- quently possible 8 hours before departure.
<b>Lufthansa</b>	70 €	150 €	From 15 kg to max. 32 kg or 1.41 m – 2 m.	Registration of special luggage within 24 hours after booking on service number: 01805 805 805. Registration at the airport is no longer possible.
<b>TUI fly**)</b>	50 € Pre-registration  60 € At the airport (Caution - changes possible. Dependent on airport)	50 € Registration in advance  60 € At the airport (Caution - changes possible. Depend- ent on airport)	Up to 30 kg. Charged as excess baggage above this weight. From 50 Kg, special luggage must be registered and con- firmed in writing. 1 item of special luggage is permitted per passenger. For additional sport luggage, this will be charged as excess baggage.	Registration during booking or registration subsequently required 1 day before departure.  (Caution: payment is only possible by credit card, additional fee 8.00 €. The direct debit method is possible with registration 1 week before travel)

Airline	One-way flight Short & medium haul	One-way flight Long haul	Comments	Registration
<b>Iberia *)</b>	75 € The amount can only be paid at the airport	/.	No weight limit. The bike must be packed in a transport bag or in a strong box. Bikes with an auxiliary motor will not be transported.	Registration during booking or registration subsequently up to 48 hours before departure.
<b>Ryanair</b>	40 € When booking online  50 € when booking through booking line or airport	40 € When booking online  50 € when book- ing through book- ing line or airport	Max. 30 kg.	Registration during booking or registration subsequently possible on- line up to 4 hours before departure. Registration at the airport possible up to 40 mins. before departure
<b>German- wings</b>	40 € European International flights  47.60 € Within Germany	40 €	The total weight of all items of luggage may be a maximum of 50 kg. Each individual piece of luggage may not be heavier than 32 kg.	Registration during booking or registration subsequently possible on- line up to 3 hours before departure. Up to 2 hours before departure - registration through Call Center possible.
<b>Easy Jet</b>	30 € Pre-payment  35 € At the airport	30 € Pre-payment  35 € At the airport	Max. 32 kg.	Registration during book- ing or registration subse- quently possible online up to 2 hours before the flight or contact customer services. Registration at the airport possible up to 1 hour before departure

\*) For travel destinations such as America, Nigeria, Israel or Brazil, please contact the airline to inform yourself about the possibilities of taking bikes before departure.

\*\*) TUIfly: The transport conditions for these service issues can differ for each airline. Therefore please inform yourself about the terms of the respective airline before your flight.




You can find current information on your airline's website and at  
[www.b-w-international.com](http://www.b-w-international.com)



## 1.1 Scope of delivery

1. ASF frame
2. Rear mount
3. Front mount
4. Extension
5. ASF screws
6. Adapter for front and rear quick-release levers
7. Spacer discs
8. Two wheel bags
9. bike case
10. Two keys

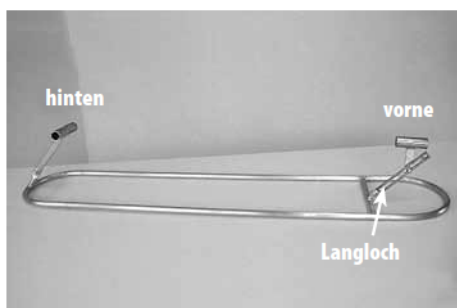


- 1.2**  *Should you require adapters for the full-floating axle system of your mountain bike, please contact us at [info@b-w-international.com](mailto:info@b-w-international.com) or +49-(0)5451/8946-0.*

## Anti Shock Frame (ASF) assembly

- 1.3** Place the bike case on the ground and open it.

Take the accessories out and place them on the floor so you have them readily available as you prepare the bike for shipment.





- 1.4** Assemble the parts of the ASF as shown in the illustration.

Please note that there are several positions for mounting the front wheel forks. By sliding the mounting element in the slotted hole on the extension, the ASF can be adjusted to different wheel bases. Do not turn the screw connectors very tightly otherwise you will need to readjust the setting when you pack the bike.

- 1.5** Insert the right adapter into the mounting element for your bike's axle system.

The mounting elements for the most widespread quick-release systems are included in the scope of delivery.

-  *Should you require adapters for the full-floating axle system of your mountain bike, please contact us at [info@b-w-international.com](mailto:info@b-w-international.com) or +49-(0)5451/8946-0.*

-  *You will need a helping hand for the first adjustment of the ASF. Ask someone to assist you otherwise damages may be caused.*

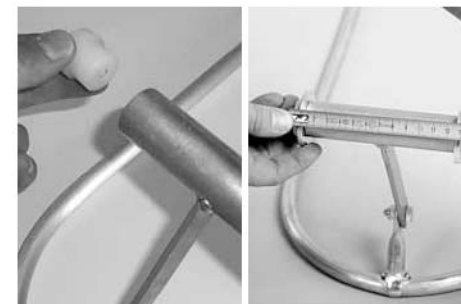
## Packing the bike

- 1.6** Switch to the large chain wheel at the front and the smallest pinion on the back. This provides some protection against the sharp edges of the chain wheel.

- 1.7** Keep a special pedal key or a long Allen wrench ready and unscrew the pedals. The right pedal has a typical right thread and is released in an anticlockwise direction. Please note that the pedals release with a jerk. Therefore use an angled wrench and position the tool so that your hands move away from the sharp teeth of the chain wheel when you turn the right pedal to release.

- 1.8** For pedals with an inner hexagon, insert the tool from the inside of the crank into the pedal axle. Make sure that the tool is fully inserted. Apply the bike brakes and step on the rear key until the pedal releases.

In contrast, the left pedal has left thread and is therefore opened in a clockwise direction.





- 1.1** Open the release lever on the brakes (Shimano, SRAM) on racing bikes or slide the pin in the gear brake handle on the handlebars (Campagnolo).



- 1.2** For mechanical calliper brakes (cantilever and V-brakes); you must initially take out the cable on the brake arm. Hold the calliper with one hand and press the brake pad or brake arm together. In this position, the mostly barrel-shaped nipples of the brake cross-tension or tension sleeve (for V-brakes) can be easily taken out.



- 1.3** For hydraulic calliper brakes from the company Magura, you open the quick-release lever on one brake side and pull the brake out of the holder.



- 1.4** For disc brakes (hydraulic or mechanical); you should first of all look where the brake pads or the points of wear (metal lug/pin) are. You can use them later to establish whether the pads are still in the right position after dismantling. Please read the instruction manual provided by the brake manufacturer.

**i** If necessary, read your general instruction manual and the chapter on "handling quick-releases" and "removing wheels".

- 1.5** Open the quick-release or full-floating axles on MTBs. If the front wheel can't be pulled out, it is due to the drop locks. These are holding pins in the wheel mount (drop end). You must open the tension nut on the quick-release slightly and remove the wheel from the locks.



- 1.6** Remove the back wheel. To make removal of the back wheel easier, pull the rear derailleur slightly back with your hand. Lift the bike slightly and then tap the wheel so that it falls out.

**⚠** Mount the transport protectors for disc brakes if you are transporting the bike without wheels.



- 1.7** Pull the brake lever and secure it with a strong rubber coating if you are transporting a bike with hydraulic disc brakes.



- 1.8** Remove the nuts on both quick-releases completely, remove the springs and remove the quick-releases from the wheel axles. Make sure that you do not lose the two little springs for each wheel.







- 1.1** Slide the quick-releases into the ASF mounting elements. Guide the springs so that the thin areas of all springs are pointing inwards on the quick-release that is on each side of a spring.



- 1.2** Lift the bike with one hand and pull the gears slightly back with the other hand. Place the rear drop end into the rear mounting so that the top chain section runs above the mounting element.



- 1.3** Guide the drop ends of the front wheel fork to the front mounting element.



- 1.4** If the fork doesn't fit, you must adjust the mounting element by loosening and sliding on the front cantilever.

- 1.5** Then fix the frame onto the ASF; use the quick-releases or full-floating axles on your bike. Close the wheel fixings as you would on the bike. Once everything is in place, tighten all screws on the ASF with a suitable torque key and a torque of 10-12 Nm.

**i** *The handlebars must be driven in 90°. For bikes with double bridge forks on which this is not possible, please order a corresponding adapter at [info@b-w-international.com](mailto:info@b-w-international.com) or contact us on +49-(0)5451/8946-0.*

- 1.6** Turn the crank parallel to the chain bar and fix the right pedal eye with a cable tie to the chain bar.



- 1.7** Also fix the chain at the point where it meets the chain wheel and where it leaves it again. This means the chain cannot fall and cause damage and the sharp edged chain wheel is somewhat defused.



- 1.8** Switch to the lowest gear with the right gear lever so that the rear derailleur is fully on the inside.





- 1.1** Place the assembled bike in front of the upright bike case and make sure that no components protrude beyond the dimensions of the bike case. Optimise the alignment of the frame on the ASF if necessary once you have loosened the screws of the ASF. Tighten the screws again with 10-12 Nm. Should this still not be sufficient, please dismantle the seat and seat post if necessary, remove the rear derailleur and turn the handlebars.



#### Removing the rear derailleur:

- 1.2** Turn the gears back slightly and continue to hold them in place with one hand so they do not fall uncontrolled due to the spring tension when you release the screws. Unscrew the connectors fully. Protect the chain bar either with air cushion film or foam tubes e.g. hot water tubes. Pack up the removed rear derailleur and bind it to the middle of the protected bar with copper wire.



#### Removing the handlebars:

- 1.3** Release the front screws on the handlebar stem by one or two turns and turn the handlebars down until the smallest possible construction width is achieved. Only turn the four screws with little force so that the handlebars are only just held in the stem.



#### Removing the seat and seat post:

- 1.4** Mark the insert depth of the seat post with sticky tapes. Stick a second piece of sticky tape to the same point on the frame and draw a vertical line. This makes a big difference when setting the seat height and aligning the seat at the destination.

- 1.5** Open the seat post clip on the clamp or on the frame by one or two turns. Pull the seat post out. This should be possible without too much force and without strongly turning it back and forth. Never apply force. If necessary, read your general instruction manual or ask your bike retailer.



- 1.6** Turn the seat post clip using little force on the tool and only as far as required so that it just securely holds the seat post.



*Turning the screw connector on the seat post clip too tightly can damage the actual clip or the frame.*



- 1.7** Protect the whole frame with insulation tubes or with air cushion film



- 1.8** Place the bike and the ASF in the opened bike case. Clean the seat post and protect it with insulation tubing. Store the seat and seat post on the base of the bike bag so that they cannot cause any damage.







- 1.1** Push the plastic hub protectors onto the axle ends. These are relatively reliable in preventing the axles pushing through the packaging or causing damages to the frame.



- 1.2** Place a cotton cloth over the sprocket and slide the ends of the cloth towards the spokes on the back. This prevents the packaging becoming dirty and the cloths are useful for taking care of the bike later.



- 1.3** Put the wheels into the wheel bags.



- 1.4** Wrap the pedals in cotton cloth and store them in the little pockets on the wheel bags.

- i** *If there is any space left in the bike case, you can slide a well packed helmet and even packed cycling shoes into the cavity.*

- 1.5** Wrap the
- tool used (pedal and Allen wrench)
  - torque key with bits (for proper assembly)
  - carbon lubricant if necessary
  - chain and penetrating oil for care (no spray cans!)
  - air pump
  - saddle bags individually in cotton cloths.

- 1.6** Store all of this together with this manual and your general bike instruction manual in a little box at the bottom of the bike case.

- i** *Insert the bottles into the holder on the frame so you do not forget them.*

- 1.7** Place the wheel bags on the bike in the bike case. The sprocket on the back wheel should point inwards and the width should be as small as possible.

- 1.8** Close the lid slowly and carefully. If the lid on the bag cannot be closed easily, check whether the wheel bags are not positioned well, whether the handlebars are too wide or whether the seat is protruding too high. Dismantle as described above if necessary. Align the wheel bags better if necessary.

Close the lid slowly and carefully again. Make sure that all lock bolts cleanly slide into the counterparts.





**1.1** Close the locks by pressing the keys.



**1.2** Open up the rotating flap and turn it until the closing anchor is open.



**1.3** Tilt the whole mechanism inwards. Turn the flap in the opposite direction and pay attention that the anchor pulls the case closed. Fold the rotating flap inwards.





**1.4** Place the bike case upright and tie a lashing strap around the bike case. This means that if the locks fail, the B&W lashing strap still holds the freight together.

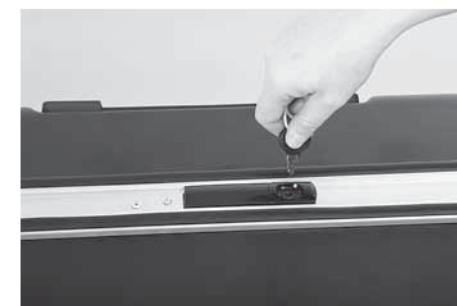
**1.5** Insert your business card or a note with your address in the little address pocket.



**1.6** Lock the bike case.

 *Please generally check before travelling by air with your bike in the bike case whether damage to the frame or other components can occur due to vibrations or gravitational forces during transport. Therefore, please do not place any loose objects or tools in the bike case and you should decide yourself whether it is necessary to use additional padding material.*


 *Please note that a bike case weighing more than 30 kg may not be transported by the airline. Inform yourself in good time before departure.*




## Assembly on arrival

Assemble the bike in the reverse order to dismantling.

**1.7** Read the information in your general bike instruction manual on setting the relevant components and especially the information on correct fixing of components (screw torque).

 *Perform the "before each ride" check after assembly.*

 *This manual cannot teach you the skills of a bicycle mechanic or fitter. If you are uncertain, please contact a local bike retailer or a training workshop.*

