

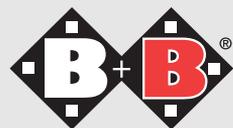
Bischoff & Bischoff

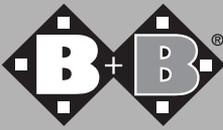
Operating manual

Pyro start plus+



Enjoy mobility.





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1. 1. Preliminary note

Dear User

By purchasing your Bischoff & Bischoff Pyro start plus+ folding wheelchair, you are getting a top German product that sets new standards in term of its flexibility.

The wheelchair was designed to offer you a lot of benefits and to meet your needs. The many varied setting options and the optimum adjustability in terms of seat height, seat angle and lower leg length means the Pyro start plus+ can be adjusted to your individual body size.

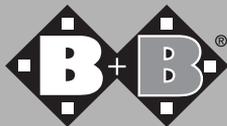
The Pyro start plus+ is intended both for indoor and outdoor use.

This operating manual is to help you become more familiar with the operation and use of the wheelchair.

1.1 Important safety instructions

In order to avoid toppling and dangerous situations, you should practice handling your new wheelchair in a flat, easily manageable area. We recommend that someone accompanies you in this situation.

- The person accompanying you should be physically and mentally capable of operating a wheelchair
- Before using the wheelchair, please check whether all fitted parts are properly fixed.
- Never lift the wheelchair by parts that are not securely fixed (armrests or legrests).
- Make sure that the quick-release axles are seated properly in the axle holders, otherwise there is a danger of injury.
- Please note that the risk of tipping is increased by shifts in weight (e.g. strong upper body movements or negotiating obstacles).
- Steps and larger obstacles may only be negotiated with the help of at least two accompanying people. Use lifting points 1 and 2 for this (see overview of the wheelchair). If equipment such as access ramps, lifts or step climbing aids are available, these should be used.
- When using on a slope, it must be noted that there is a risk of tipping as from 12% (7°). Use of anti-tip protection is recommended.
- The seat materials comply with the flammability resistance requirements of EN 1021-1 and EN 1021-2. Nevertheless, you should exercise the necessary caution when smoking and you should not put the cigarette down on the wheelchair.



- Avoid running into obstacles without braking (steps, kerbs) or "jumping down" from one level to another.
- Avoid using on uneven, loose surfaces.
- Someone should be asked to accompany you when negotiating obstacles (steps, etc.). Use the tip assist (see overview of the wheelchair) to tip the wheelchair in an appropriate way.
- When getting into or out of the wheelchair, apply both locking brakes.
- Make sure your tyres have sufficient tread depth.
- Always follow the road traffic regulations when on the road.
- The passive lighting (reflectors) on your wheelchair must always be visible to other road users.
- The locking brake must not be used to brake when moving.
- When braking from fast speeds or on long downward slopes by using the push rims, fingers and palms get hot. Caution, risk of burning!
- We recommend the use of leather gloves outdoors. These increase grip as well as protecting your fingers and palms from dirt and injury at the same time.
- Please note that upholstery parts which are exposed to direct solar radiation heat up and can cause injury to the skin on contact. You should therefore cover these parts or protect the wheelchair from solar radiation..
- When transferring between wheelchair and bed, please always ensure that:
 - both locking brakes are applied
 - the side part on the side for getting in / out is swung back.

- the foot plates are folded upwards (for getting in / out), are swung inwards/outwards, or if necessary removed.

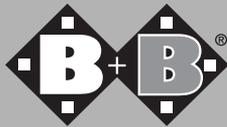
2. Indication / Contraindication

Inability to walk or severe walking disability as a result of:

- paralysis
- loss of limbs
- meromelia/limb deformation
- joint contractures/joint damage
- other ailments

Use of the wheelchair is not suited for:

- perception disorders
- severe disturbances of equilibrium
- loss of limbs on both arms
- contractures/damage to joints on both arms
- inability to sit
- reduced or insufficient eyesight



3. Purpose

The wheelchair is made solely to increase mobility and to transport people with impaired mobility in accordance with the above-mentioned indications.

To be noted:

We are only able to provide a warranty if the product is used in accordance with the specified conditions and for the intended purposes

4. Declaration of conformity

As manufacturer of the product, B&B declares that the „Pyro light plus+“ wheelchair fully complies with the requirements of the 93/42/EEC directive.

5. Scope of supply and checking the delivery

The scope of supply in the special box includes:

- 1 wheelchair, folded
- 1 air pump (only for pneumatic tyres)
- 1 operating manual
- 1 set of tools (3 Allen keys, SW3, SW4 and SW6, 1 cross-head screwdriver, 2 ring spanners, SW10 and SW13)

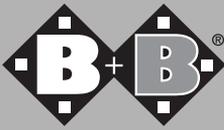
All B+B wheelchairs are subjected to a proper final in-house inspection and provided with the CE mark.

B+B wheelchairs are supplied folded in a special box. Supply, assembly and training in use of the wheelchair are carried out by the qualified medical supplies retailer.

If shipped by rail or a forwarding agent, the goods are to be checked with regard to transportation damage at once in the presence of the delivery company.

If there is any damage, the following points are to be adhered to:

- Recording the facts of the case
- Producing a declaration of assignment; all claims arising from the damage are assigned to the delivery company.
- Returning the record of the facts of the case, waybill and declaration of assignment to B+B.



In the event of transport damage...

1. Leave the goods and packaging unaltered in any case and do not use the goods yet.
2. Report the damage in writing to the transport company as shown below.
3. Then contact our customer service department (+49 (0)700/6000 7070)
4. To be able to register claims for compensation with transport insurance firms, representatives of the transport company making the delivery must be informed about any damage in good time.

Damage or loss visible externally must be certified on the accompanying documentation by the deliverer before accepting the shipment.

Hidden damage which only becomes visible when unpacking must be reported to the transport company immediately in writing.

Specific timescales must be adhered to:

- Parcel services and post within 24 hours
- Rail within 7 days
- Shippers within 4 days of receipt of the shipment.

6. Overview of the wheelchair

To make the use of your B+B wheelchair as simple as possible, we have provided detailed illustrations in addition to the written instructions.

The following illustrations should help you to identify the individual assemblies and how they interact. (see Figs. 1a and 1b)

Please note the sections of text that are specially marked.



Back cover

Armrest upholstery

Seat cushion

Combi side part

Locking brake knee lever

Lifting point 1

Castor bushing

Legrests

Foot plate

Steering wheel

Fig. 1a

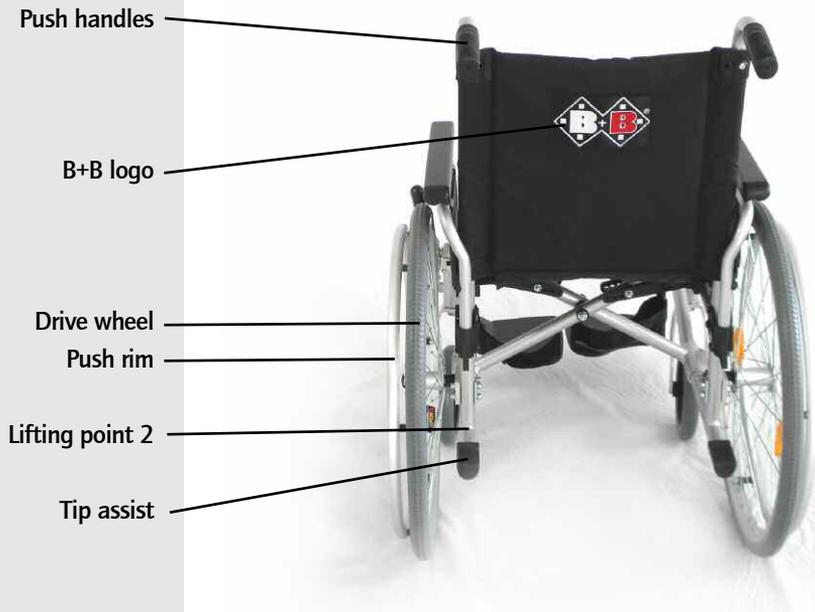
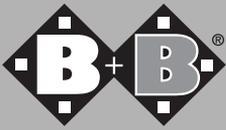


Fig. 1b

7. Assembly / adjustments

7.1. Folding and unfolding

Delivery

Your new B+B wheelchair is delivered fully assembled and folded in an original B+B box.

To avoid damage during transport, plug-in attachable parts are delivered under separate packaging (Fig. 2).

Unfolding

Place your wheelchair next to you. Tip it towards you until the load is taken off one drive wheel (Fig. 3).

Now press on the seat tube nearest to you with the flat of your hand so as to unfold the wheelchair (Fig. 4).



When unfolding, please make sure your fingers remain on the seat belt. Otherwise there is a risk of trapping them!



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8

Folding

Place your B+B wheelchair next to you. Tip it by pulling the backrest towards you, until the load is taken off the opposite drive wheel.

At the same time, pull the seat cushion upwards until the chair is completely folded (Fig. 6).



To avoid injuries, do not hold the wheelchair by the armrest while tilting. If legrests are fitted, the foot plates should first be folded up.

7.2. Legrests

7.2.1 Legrests with foot plate

Both legrests are supplied with the foot plates fitted. The foot plates on both legrests can be folded upwards in the sitting position.

7.2.2 Angle-adjustable foot plates

The angle of the foot plates can be adjusted:

- To do so, unscrew the Allen screw (Fig. 8). Adjust the foot plate to the required position by rotating the toothed ring.
- Tighten the Allen screw (Fig. 8) again.

7.2.3 Fitting the legrests

- Hold the upper part of the legrest so that it points outwards. Activate the handle and now push the legrest with the guide profile into the hole in the frame (Fig. 9).
- The legrest is now simply folded forward which locks it automatically into place.



Check the legrests are firmly attached before setting off!

7.2.4 Removing the legrests

To transport your wheelchair as compactly as possible, you can completely remove the legrests, along with the foot plates (Fig. 10).

- Pull the handle in order to open the locking mechanism.
- Swing the legrest 90° outwards and pull it upwards (Fig. 10).

7.2.5 Swinging the legrests away

To make it as easy as possible to get into and out of your B+B folding wheelchair, if necessary you can simply swing the legrests away either outwards or inwards, without having to remove them (Fig. 10).

- Pull the handle. This opens the locking mechanism.
- Now you can swing the legrest away, outwards or inwards.
- If necessary, fold the foot plates upwards first.



Fig. 9



Fig. 10

To return to the original position, simply swing the legrest forwards until it locks into place.

When standing up from the wheelchair, you must not stand on the foot plates under any circumstances!

7.2.6 Adjusting the legrest length

The standard adjustment which can be made to the legrest length is a total of 80 mm in 5 x 20 mm steps. To do so, remove the socket head screw (4 mm Allen screw) and adjust the legrest as required (Fig. 11).



Fig. 11

7.3. Side parts

In order to be able to get in / out more easily, both side parts and the arm rests can be swung backwards.

Activate the locking lever using light finger pressure (Fig. 12) and swing the side part away backwards at the same time.



Fig. 12



Do not use the side parts to carry the wheelchair!

To lock the side part, fold it forwards and allow it to click into place with light pressure on the armrest (Fig. 13).



Fig. 13



When swinging the side parts, ensure that no articles of clothing or other items can become jammed. Check the side parts are firmly attached before starting to use!

- The arm supports for the side parts (desk/long) are fitted as desk (short) on delivery.
- You can change the arm supports to the long setting in just a few steps. First, remove the fixing screws on the underside. You can then push the arm supports forwards and fix them again once they are in the required position (Fig. 14).
- For the height adjustment of the armrests, first remove the fixing screws (Fig. 14). The height can be adjusted in four stages by using adapters. In the lowest setting (Fig. 15), all the adapters are fixed under the support. The more adapters you attach above the support, the higher the armrest is. In the highest setting, all the adapters are above the support (Fig. 16).



Fig. 14



Fig. 15



Fig. 16



Fig. 17

7.4. Seat

7.4.1 Seat height

You can adapt the seat height to your individual needs in just a few steps.

1. Height of the driving wheel

There are 4 positions to allow the seat height to be adapted to the user's requirements. For the lowest one, the castor bushing must be turned and fitted on the other side.

Driving wheel and steering wheel must be in the same position in each case. TOP – MIDDLE – BOTTOM

- Take the driving wheels off using the quick-release axles.
- Loosen the screws on the adapter (Allen key, SW 4 and ring spanner SW 10) and pull them out completely.
- Place the adapter at the required seat height.
- Insert the screws into the adapter again and tighten up the screws again.



Place the steering wheel in the same hole position as the drive axle. This is the only way to ensure the directional stability of the wheelchair

2. Height of the front wheel

- First, remove the masking on the optional drill holes.
- Loosen the axle (Allen key, SW 4) and take it out completely.
- Place the steering wheel in the right position for the required seat height.
- Reinsert the axle into the steering fork and tighten it up again.



Fig. 18

3. Angle of the steering wheel axle

By changing the height of the driving wheel or front wheel, the angle of the steering wheel axle can also be altered. However, this should always be at the correct angle (90°) to the floor (see Fig. 19). First, loosen the locking mechanism by loosening both screws on the inside (see Fig. 20). Move the front wheel to the required position and then tighten the fixing screws up again.



Fig. 19

4. Adjusting the knee lever brake

When the driving wheel height is changed, the knee lever brake must be readjusted (see 7.6).



Fig. 20

7.4.2 Seat angle

If you incline the seat of the wheelchair backwards, this means you are seated more deeply and firmly in the chair. To lean the seat backwards, you have to move the quick-release axle to a higher position. If you want to incline the seat forwards, fix the quick-release axle in a lower position. The quick-release axle is fixed in the same way as in 7.8. .

7.5. Wheelbase



Caution, risk of tipping! If you move the driving wheel forwards or the backrest backwards, this significantly increases the risk of tipping. Anti-tip rollers or an extended wheelbase are then necessary. Check the settings first with a helper. Only use settings that you feel safe with.

Extending the wheelbase increases the stability and equilibrium of the wheelchair. On the other hand, if the wheelbase is reduced, this then improves manoeuvrability. A reduction of the wheelbase is only advisable for practised drivers. To adjust the wheelbase, loosen the wheel suspension which is fixed with two screws and then attach it again the other way round. Make sure that all screws are firmly tightened.



When the wheelbase is changed, it is absolutely essential to adjust the knee lever brake afterwards!

7.6. Brake

Operating the knee lever locking brake (compact brake)

To lock the brake, simply push the brake lever forwards until it clicks into place (Fig. 21). To release the locking brake again, simply pull the brake lever backwards (Fig. 22).

Adjusting the knee lever locking brake (compact brake)

If you notice that the available braking efficiency is no longer sufficient or is uneven, you must do as follows:

- Check the tyre tread depth. At the same time, check for even wear of the tyres. If the tread depth in the middle of the tyre is < 1 mm, the tyre must be changed. If you have the necessary technical knowledge, you could change the tyre yourself. If you do not feel confident to do this yourself, your specialist retailer will be able to help you.
- Now check the adjustment of the brake. This must be set so that the gap between the surface of the wheel and the braking bolt is 15 mm with the brake off (Fig. 23). The braking bolt must be aligned horizontally, that is parallel to the ground surface.
- To adjust the gap, loosen the two Allen screws on the brake mounting (Fig. 24).
- You can then push the braking system along the mounting into the correct position.



Fig. 21



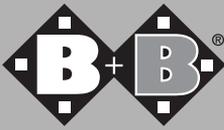
Fig. 22



Fig. 23



Fig. 24



- Then tighten both Allen screws up again.
- Make sure that the brake fully locks into place when the lever is operated and does not snap back.

The compact brakes only operate on one driving wheel each!

With pneumatic tyres, always ensure that both driving wheels have the same tyre pressure to achieve good directional stability!

After completion of the setting process, retighten the loosened bolts and test the brakes!



Adjustment of the brakes should be carried out by specialist trained staff. However, if you have enough experience, you can also carry out this work yourself. Nevertheless, please bear in mind that incorrectly adjusted brakes may have life-threatening consequences.

7.7. Wheels and tyres

The spoked wheels are attached to the frame by means of a quick-release axle (Ø12mm) (Fig. 23). The Pyro start plus+ model comes with quick-release axles as standard. (For quick-release axles see section 7.8)

Check that the wheels are securely fixed each time they are fitted!

Driving wheels

PU tyres (puncture-proof, no valve) size 24"x13/8" are fitted as standard on your Pyro start plus+. Pneumatic tyres are available as an option. If they become worn or defective, the authorised specialist retailer should be asked to carry out the repair.

To ensure the optimum operating safety of the brakes or wheelchair, there must be a tyre pressure of 300-400 kPa (3-4 bar) with pneumatic tyres.

Steering wheels

PU tyres (puncture-proof, no valve) size 8"x11/4" are fitted as standard on your Pyro start plus+. Pneumatic tyres are available as an option. If they become worn or defective, the authorised specialist retailer should be asked to carry out the repair.

To ensure the optimum operating safety of the wheelchair, there must be a tyre pressure of 200-250 kPa (2-2.5 bar) for swivel-wheels with pneumatic tyres.

Push rim

The push rim attached to the driving wheels can be fitted a little further outwards, so that you can grip it better.

Changing the push rim position increases the risk of your fingers getting trapped or crushed.

First loosen the four screws (Fig. 25) used to attach the push rim to the driving wheels. Then fasten the push rim in a position that is further out and tighten the screws again.



Fig. 25



Fig. 26

7.8. Quick-release axles

To make the transport of your wheelchair considerably easier, the wheels are equipped with quick-release axles as standard:

- Press the locking button of the quick-release axle with your finger and pull the wheel off (Fig. 26).
- When refitting the wheel, simply push the wheel back onto the mount. At the same time, press in the locking button as well.

When attaching, make sure that the quick-release axle is inserted right up to the stop! After attaching, check that the wheel is securely fixed by pulling it towards you without operating the locking button of the quick-release axle!



Fig. 27

7.9. Tip assist

The tip assist can be used to make it easier for an accompanying person to negotiate obstacles such as kerbs. Hold the wheelchair firmly by the push handles with both hands. You then press one of the tip assists with one foot (Fig. 27), while at the same time pushing downwards with your hands.

8. Accessories

8.1. Anti-tip protection / anti-tip rollers



Always use the anti-tip protection as a pair.

To fit the anti-tip protection, please proceed as follows:

- Pull the rubber profiles off the tip assist.
- Push the round profile for the anti-tip protection onto the side frame tube at the bottom.
- Fix the anti-tip protection with the M6x35 bolt and M6 self-locking nut in the hole in the frame provided (Fig. 28).

The anti-tip protection can also be used to assist tipping when the anti-tip rollers are raised.

8.2. Safety belt

If required, a safety belt is available as an accessory. This is fitted onto the side frame of the wheelchair with the side part either temporarily removed or swung away (Fig. 29). Take the open end of the belt once around the side frame tube and then fix it with the belt buckle.

You also use the belt buckle to adjust the length of the belt. Adjust the belt length so that the belt is tight, but does not apply pressure.



Fig. 28



Fig. 29



Fig. 30

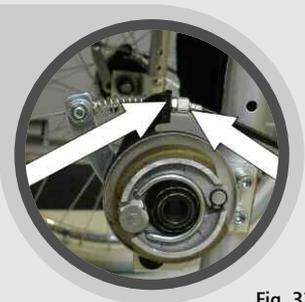


Fig. 31

8.3. Drum brake

As an option, the Pyro start plus+ can be equipped with a drum brake, which should only be operated by an accompanying person via the brake lever on the push handles.

The drum brake should be used as both a locking brake and also as a service brake. When used as a service brake it provides well-regulated deceleration. The locking brake function is used for parking.

- To lock the brake, simply pull the brake lever and push the locking lever upwards (Fig. 30).
- To release the locking brake again, simply pull the brake lever briefly. (The locking mechanism releases automatically.)

To achieve optimum braking efficiency, the braking power is set using the adjusting screw (Fig. 31). The braking power is increased by unscrewing the adjusting screw and reduced by tightening it.

- Please unscrew the adjusting screw until you notice friction noises on the wheel when it is turning.
- Then tighten the adjusting screw until the friction noises disappear. The wheel then runs freely.
- After completing the setting, the adjusting screw is fixed by tightening the locknut.

9. Use

9.1. Getting in and out from the side

- Move the wheelchair and the current or future seat as close beside one another as possible.
- If you want to move from another wheelchair or indoor frame, secure this by activating the locking brakes.
- Secure the Pyro start plus+ to prevent it rolling away unintentionally by activating the brake lever on the left and right hand sides of the wheelchair.
- Swing away the arm cushion to the back.
- Fold the foot plates to the side or remove the legrests.
- Now slide sideways onto the other seat.
- Make sure that you sit as far back as possible in the seat.
- Finally, return the legrests to their original position.

9.2. Getting in and out from the front

- First swing the foot plates up or remove the legrests.
- Move the Pyro start plus+ and the current or future seating as close as possible facing one another.
- If you want to move from another wheelchair or indoor frame, secure this by activating the locking brakes.
- Now slide onto the seat with a turn of the body.
- Finally, return the legrests to their original position.



Fig. 32



Never climb on the foot plates!
RISK OF TIPPING!

9.3. Negotiating stairs and high steps



Where the steps are high and where there are stairs with more than 3 steps, 2 accompanying people must help.

- The helpers must only take hold of securely fitted parts of the frame (Figs. 32 and 33).
- When going up stairs the helper behind the wheelchair pulls the wheelchair over the step holding it by the securely fitted handles.
- The helper who is below takes hold of the front frame tubes and stabilises the position. At the same time, they push the rear wheels of the wheelchair against the steps.



Fig. 33

- When going down stairs, the helper who is below brakes by pushing the wheelchair right against the steps. The helper who is above holds the wheelchair by the push handles, secures it and holds it in the right position. The wheelchair should roll down step by step.



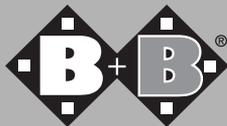
The frame and the push handles are only places where you can get hold of the wheelchair to transport it. Armrests must not under any circumstances be used to lift the wheelchair!

10. Driving

Sit in your B+B wheelchair. Make sure you are sitting as far back as possible.

The push rims on the drive wheels are used to move the wheelchair. Practice moving the wheelchair carefully at first until you are familiar with it and the way it behaves.

Wheelchairs have only a limited ability to resist tipping and sliding. Particular care is necessary when braking and moving onto or turning on inclines. Leaning a long way out of the wheelchair increases the danger of tipping. For increased safety, all wheelchairs can be fitted with a safety belt (not standard).



To get over obstacles more easily, the assisting person must position the wheelchair at the correct angle to the obstacle by pressing on the tip assist (Fig. 27).

Before getting in or out, the locking brake must be put on. Use outside of the home should only be undertaken with sufficient experience. Where possible, somebody should accompany you.

The static stability of the base model is 7° (approx. 12%).



According to STVZO 66/1 (German Road Traffic Act) of 01.01.1981, hand propelled wheelchairs require permanently attached lighting to participate in public road traffic (including on footpaths).

This consists of (passive):

- two red reflectors to the rear
- two amber reflectors on both sides.

If the wheelchair is used after dark, the following are necessary in addition (active):

- one white light forwards
- one red light backwards.

These lights must work from an electrical circuit independent of the movement (batteries) power.

11. Technical data

Dimensions and weights

Max. load (kg):	125
Seat width (cm):	37 / 40 / 43 / 46 / 49 / 52
Seat depth (cm):	40 / 42 / 44
Seat height (cm):	42.5 / 45 / 47.5 / 50
Seat angle (°):	2 -3.5
Overall width:	Seat width + 20 cm
Overall length with / without legrests (cm):	100 / 79
Overall height (cm):	86 - 94
Backrest height (cm):	42 / 44
Lower leg length (cm):	30 to 42
Backrest angle (°):	5 (without adjustment)
Foot plate angle (°):	15 (adjustable as required)
Knee angle (°):	115 (without adjustment)
Height of armrest (cm):	18.5 - 23
Length of armrest (cm):	34
Unladen weight (kg):	from 14.6
Dimensions when folded (L/W/H) cm:	101 / 33 / 91

Tyres

Driving wheels (inches):	24 x 13/8" (puncture-proof)
Steering wheels (inches):	8 x 1 1/4" (puncture-proof)

12. Transport

12.1 Transporting the wheelchair

To make the wheelchair as convenient as possible to transport, all detachable parts (footrests, wheels, slot-in accessories) must be removed and the wheelchair folded.

12.2 Seat in disabled vehicle

You can check whether your wheelchair is licensed as a seat in a disabled vehicle by the symbols on the frame (Fig. A and Fig. B).

All wheelchairs authorised by B+B as seats for use in vehicle are tested to ISO 7176-19: 2008.

- The securement points are marked with a symbol (Fig. A). Other attachment points are not authorised by the manufacturer.
- Where possible, use a fixed fitted car seat and its seat-belt system. Stow the folded wheelchair in the boot.
- The person responsible for transportation should be familiar with the current regulations on transportation and use of the disabled vehicle and restraint system.
- 4-point restraint systems anchored to the vehicle must be used to restrain the wheelchair.



Fig. A: Wheelchair suitable as seat in disabled vehicles / anchor points



Fig. B: Wheelchair not suitable as seat in disabled vehicles

- Detachable parts and accessories on the wheelchair, such as trays and bags, should, where possible, be removed and safely stowed in the boot. If attachments are not detachable they must be folded away and secured by the user or adequately padded.
- When used as a seat in a disability vehicle, a 3-point safety belt must always be worn. Other fixation systems and straps may be used in addition.
- If your wheelchair has an adjustable backrest or seat, these must be placed in as vertical a position as possible and the locking mechanism checked.
- Products that have been involved in an accident must be replaced and are no longer licensed to transport people.

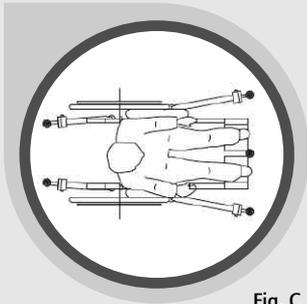


Fig. C

Positioning of wheelchair

- Position the wheelchair facing forwards (Fig. C).

Check whether the straps conform to the angles in Fig. D.

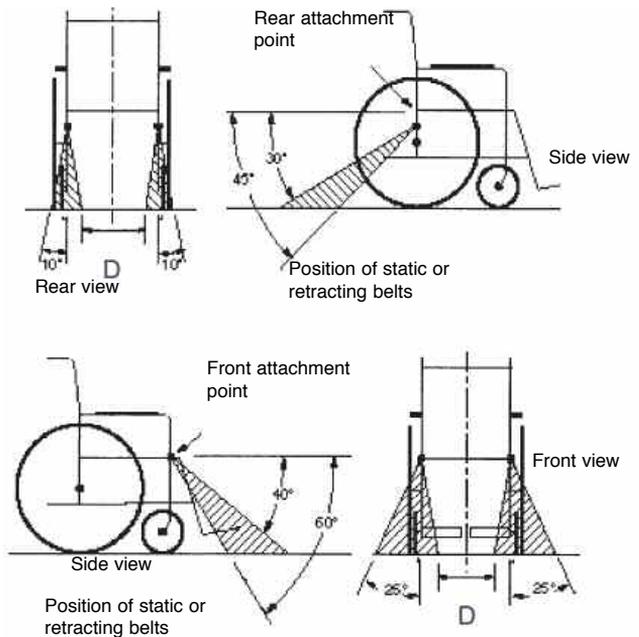


Fig. D

- Stipulated angles and positions of straps from wheelchair to vehicle floor. Front straps should be arranged so that the angle ensures optimum lateral stability ($D = 300\text{mm}$).
- The hatched area indicates the range within which the straps must be attached to the floor!
- Wheelchair must not be placed in front of an active air-bag Deactivate air-bag or have it deactivated!

Attachment to vehicle floor

Rails (Fig. E)

Insert fitting into rail at an angle and then pull in side-ways. Detach the fittings by pulling on the snap ring.

Mono System (Fig. F)

Place mono-fitting flat on the base plate and pull over the base plate. Detach the mono-fittings by pulling down from the base plate.

Attachment to wheelchair

Attachment to the wheelchair may be by securement points (Fig. G) or tie-down system (Fig. H) to the labelled points.

Under no circumstances attach the strap to the footrests or other detachable parts.

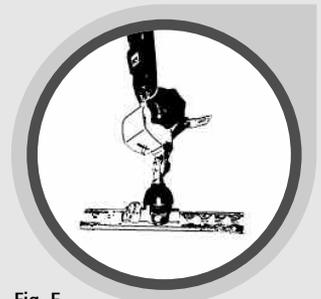


Fig. E

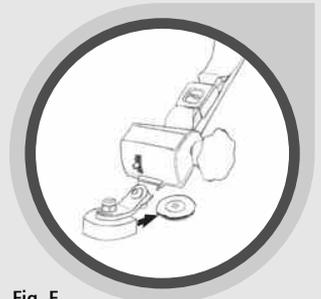


Fig. F

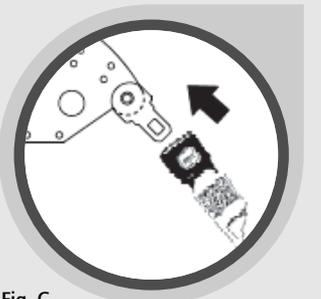


Fig. G

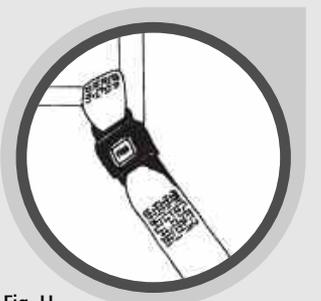


Fig. H

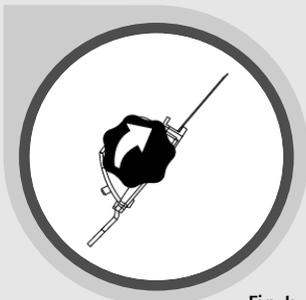


Fig. I:
open

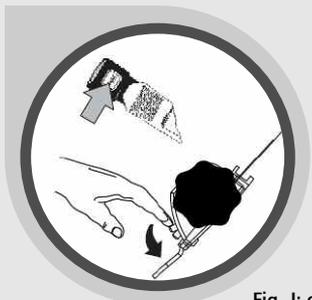


Fig. J: close

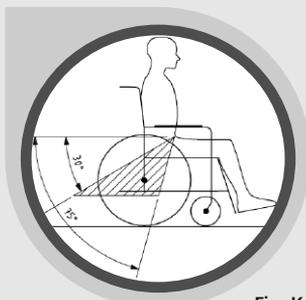


Fig. K

Tensioning and loosening the straps

- Tension using handle (Fig. I)
- Loosening using lever or alternatively by releasing the belt tongue from the belt buckle (Fig. J).

Safety belt

The safety belt must run at an angle of between 30° and 75° to the horizontal (Fig. K), with a larger angle being preferable. It must fit low on the pelvis.

Make sure that the belt lies flat and is not twisted at any point.

The lap belt must be attached on both sides to the rear securement points. To close the lock, insert the tongue into the buckle. It clicks into place. The lock is opened by pressing the large button.

The safety belt should fit firmly but not cut in. To tighten the belt pull on the loose end of the belt. You can further adjust the belt by pushing the clasp forwards in the open position.

The shoulder belt hooks into the lap belt. It must fit close to the body across the pelvis, chest and over the shoulder.

Place the clasp in front of the occupant's body, not on the pelvic bone! The clasp must be positioned in such a way that, in the event of an accident, it cannot be accidentally released by attachments.

Belts must not run across wheelchair attachments such as armrests or wheels! (Fig. L & Fig. M)

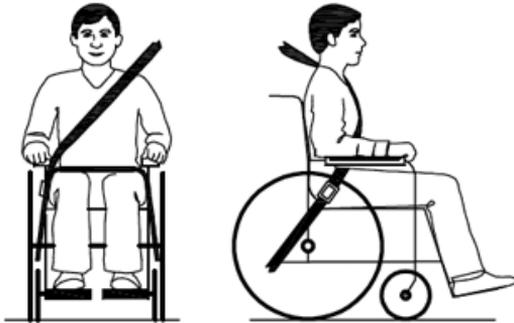


Fig. L



Fig. M

In order to be able to remove the belt quickly in the event of an accident, a seat belt cutter like this (Fig. N) should be kept in every vehicle.

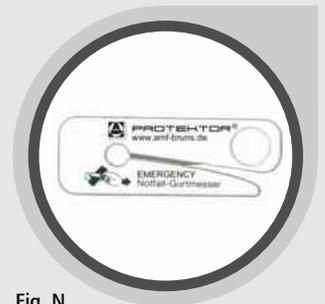
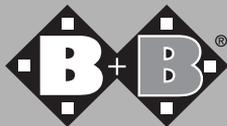


Fig. N



13. Storage / shipping

If the wheelchair is to be stored or shipped, all attachable and unsecured parts, apart from the driving wheels, must be removed and packed individually in appropriate cartons. The individually packed parts can then be packaged together in a larger carton. We recommend keeping the original packaging and storing it for this purpose, so that it is available if required. Your wheelchair then has optimum protection against environmental influences during storage and transport

Information on Re-use

The Pyro light start plus+ wheelchair is suitable for re-use. For further use, the wheelchair must first be thoroughly cleaned and disinfected in accordance with the attached care and maintenance instructions. Subsequently the product has to be inspected to establish its general condition and any wear or damage by an authorised specialist and repaired if necessary.

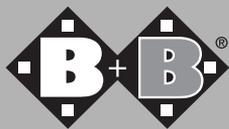
15. Repair

Repairs and maintenance may only be carried out by authorised partners (medical suppliers or specialist retailer). You can find a partner near you by telephoning our customer service:

Tel: + 49 (0)700/6000 7070.

16. Disposal

Even a wheelchair that can no longer be used represents valuable material that can be recycled into the industrial process. Therefore, never throw away your wheelchair for disposal in the household Id waste, but have it disposed of professionally in an official waste-disposal centre. Your local waste service will be pleased to advise you. The environment will thank you.



17. Appendices

Useful life

If used as intended, in accordance with the safety, care and maintenance instructions, the anticipated useful life of the wheelchair is up to 5 years. Beyond this period, if the wheelchair is in a safe condition, it can continue to be used.

Care, hygiene and maintenance information for the Bischoff & Bischoff operating instructions

Like all technical products, patient vehicles, mobile walking aids and patient beds, should be subject to a regular check and maintenance by authorised professionals. These checks should primarily ensure the safety of the user. Beyond this, regular care of the product should guarantee proper functioning even after long use. We have prepared some care tips, a hygiene plan and a maintenance table for you below. We hope to have provided a good overview of the most important care, hygiene and maintenance work for your Bischoff & Bischoff product.

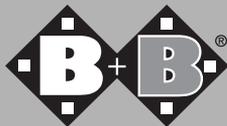
a) Care instructions

Cleaning of the seat and back covers can be undertaken with warm water and a sponge or soft brush. For stubborn stains, standard detergent can be added to the water.

Please note: Never use aggressive cleaning agents such as solvents, abrasive agents or hard brush.

Plastic parts can best be cleaned with a standard plastic cleaner. Take note of the product information on the cleaning agent.

Due to the high-quality surface coating, optimum corrosion protection has been achieved. Should the coating be damaged by scratches or similar, you can make good the defective area with a paint pen. Chrome parts are initially wiped with a dry cloth. Dull areas and stubborn dirt can be removed most easily with the appropriate standard cleaning agent.



Hygiene plan and risk evaluation of B+B medical products before preparation

In accordance with: the second amendment to the medical products act (2. MPG-ÄndG) of 13 December 2001 here: Article 11 Section 4 Para.2, amendment to the medical devices operator ordinance

Date: 29.04.2005

1. Product

wheelchair Pyro light plus+

2. Risk level

Non-critical medical product

Medical product that only comes into contact with unbroken skin

3. Hygiene frequency

At least at every change of user

4. Type of process

Wipe disinfection

With standard disinfecting agent in accordance with EN 12720

5. Pre-treatment of the product

Not necessary

6. Disinfection

1. Put on protective gloves before preparing the product
2. Spray the areas to be treated with disinfection agent
3. Wipe dry treated areas with paper towel. Repeat if necessary
4. Dispose of protective gloves and paper towels

7. Special identification

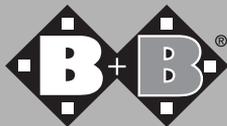
Not necessary

8. Sterilisation

Not necessary

9. Critical process steps, special requirements

*Replacement of the seat and back covers recommended



Maintenance table

When

Before each journey

What

Functional check of the brakes

Operate the brake to the full extent of its travel. The braked wheels must not be able to move any more in normal use.

Check for wear in the pressure brake

Move the brake lever sideways. Tightness of all bolts and screws.

Check of the tyre pressure

Standard tyres front: max. 2 - 2.5 bar

Standard tyres rear: max. 3 - 4 bar

Smooth-running tyres: max. 6 - 7.5 bar

Check of the tyre profile

Every 4 weeks (depending on frequency of use)

Oil moving parts

- All moving points of the cross-brace
- Moving parts on the side parts
- Brake lever bearings
- Legrest bearings

Check of bolts and screws for tightness

Please note

Check to be carried out by the user or an assistant.

If brakes are defective, have them repaired by an authorised specialist workshop.

Check to be carried out by the user or an assistant. If the brake play is too great, have it corrected by an authorised specialist workshop.

Check to be carried out by the user or an assistant. Use a tyre pressure gauge.

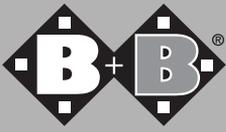
Caution!

Tyre pressures that are too low have a negative effect on braking behaviour.

Visual check by the user. With worn-out tyre treads or damage to a tyre, have them replaced by an authorised specialist workshop.

To be carried out by the user or an assistant. Before oiling, clean old oil from the parts first. Remove excess oil.

Check to be carried out by the user or an assistant.



Maintenance table

When

Every 6 months (depending on frequency of use)

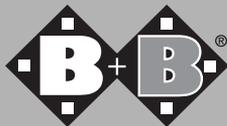
What

Checks

- Cleanliness
- General condition

Please note

Take note of the care and hygiene information. In the event of any defects, have the necessary repair work carried out only by authorised specialist workshops, as only these are trained in the necessary work and generally have sufficient trained personnel.



18. Warranty

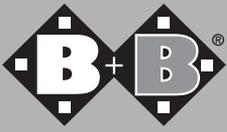
This warranty covers all defects in the wheelchair that are shown to be caused by material or production defects.

In the case of any complaint, please return the product together with the warranty certificate completely filled in. We provide a guarantee of 5 years on the frame and folding mechanism of our Pyro light Optima folding wheelchair, whereas we assume a warranty of 2 years on all other mounted parts.



Non-observance of the instruction manual as well as servicing not carried out properly and in particular technical modifications and additions (fittings) without the approval of Bischoff & Bischoff result in both the warranty and the product liability in general lapsing.

In case of queries, please contact the B+B Customer Service at phone no. +49 (0)700/6000 7070.



Warranty certificate

(Please note our general business terms and conditions)

Model: Pyro start plus+

Model Nor:

Serial Number:*

(to be filled in by the specialist retailer)

Specialist retailer:

Date and stamp

*Information plates can be found on the side frame

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