

Corpus II/Trax

Seat for electric wheelchair Trax

Owner's manual



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General Introduction

The Corpus II/Trax is a flexible seat which is designed for users up to a maximum of 265 lbs. It can be adjusted in many ways and can rapidly be adapted to meet various requirements.

The seat is modular. The seat frame constitutes the nucleus, which can be supplemented with a selection of cushions, back rests and arm rests. The modular system makes it easy to replace and reuse the various parts.

In order that you can derive the greatest possible benefit from the seat, it is important that it is used in the manner intended in accordance with the present Instructions for Use. We would therefore like you to read through the Instructions for Use carefully and keep them together with everything else which belongs to the seat.

Safety instructions

Before you use the seat on the wheelchair for the first time, it is important that you read the Instructions for Use of the wheelchair, in particular the safety instructions.

Specially adapted product

If your wheelchair is marked with the decal "specially adapted product", it has been adapted to your requirements and wishes. This means that its design and functions may differ from the text in the present Instructions for Use or from the design and functions of other seats of the same type.

The seat may also contain parts which are unique to your seat, are not available as spare parts and must be manufactured if they need to be replaced. This may affect the time it takes to repair your seat.

All the information and specifications contained in the present Instructions for Use were valid at the time of delivery of this seat.

As development and improvement take place continuously at Permobil, we reserve the right to make changes without prior notification.

Design and function

General

The seat consists of a seat frame with a seat and back rest and arm rests. Other style seating systems may also be fitted on the seat frame.

The picture below shows the Corpus II/Trax seat without the chassis.



Figure 1. Seat

1. Seat
2. Back rest
3. Neck rest
4. Arm rest

Seat

The seat's cushions are covered with fabric or imitation leather. The seat is available in various widths.

Back rest including cushion

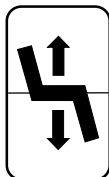
The back rest and cushion are available in various heights and widths.

Arm rests

The height and angle of the arm rests can easily be adjusted and the arm rests can be folded up. The arm rests are covered with fabric or imitation leather and are available in various lengths.

Seat lift

The Corpus II/Trax can be fitted with an electrically operated seat lift. An adjustment device which is controlled from the maneuvering panel makes it possible to raise the seat up to 8 inches in order to adapt the height comfortably to tables, benches, etc. If the seat lift is raised from its lowest position, the maximum speed of the wheelchair is reduced to 5 miles/h.



Seat lift symbol

Accessories

Below is a selection of the accessories which are available for the Corpus II/Trax. For a complete list of accessories, contact Permobil Inc.



Head support



Trunk rest with adjustable width



Thigh support



Table



Arm rest bag

Head support

The head support consists of a mounting which is screwed in place in the back rest and a head support which is inserted in the mounting. The height/depth of the head support can be adjusted and its angle to the back rest can also be adjusted. The head support is made with foam rubber and is covered with fabric or imitation leather.

Trunk rest

The trunk rest is attached to a mounting on the back rest. Its width can be adjusted. The trunk rests support the trunk at the sides.

Thigh support

The thigh support is attached to the seat frame. The thigh support can be adjusted to achieve the required width. The thigh supports, support the legs midline.

Table

Several different tables are available, including:

- Adjustable-angle table
- Tray with center mounted joystick
- Table for mounting to the arm rest, to carry essentials.

Arm rest bag

A bag which is attached to the arm rest.

Adjustments

Arm rest

Adjusting the angle

1. Loosen the two nuts; see the figure to the right.
2. Adjust to the desired height/ angle.
3. Tighten the nuts again.

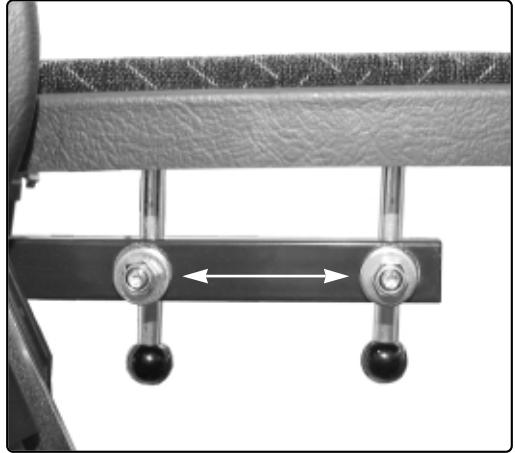


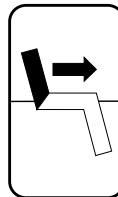
Figure 2. Arm rest angle

Back rest

Adjusting the angle of the back rest

Electric back adjustment

1. If your seat is fitted with electric back adjustment, you adjust the angle via the seat control panel; see symbol to the right.



Electric back adjustment symbol

Manual back adjustment

1. If your seat is fitted with manual back adjustment, you adjust the angle of the back using the strut located on the back.

Undo the screw in the center of the strut; see figure 3. Adjust to the desired back angle.

2. After adjustment, tighten the screw well.

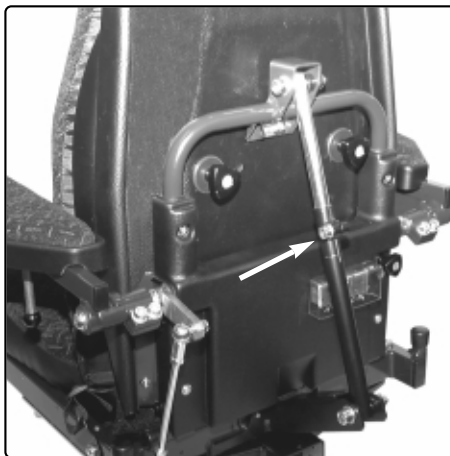


Figure 3. Manual back adjustment

Control panel*Adjusting the height*

1. Loosen the screw; see figure 4.
2. Adjust the panel to the desired position on the retractable panel arm.
3. Tighten the screw again.

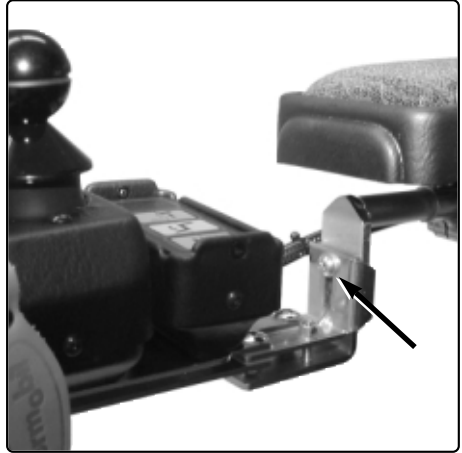


Bild 4. Adjusting the height with retractable hardware

Control panel*Adjusting the longitudinal position of the control panel*

1. Loosen the screw; see figure 5.
2. Adjust the position.
3. Tighten the screw again.

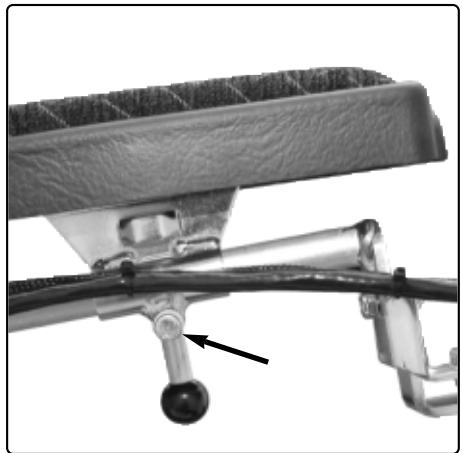


Figure 5. Adjusting the longitudinal position of the control panel

Support for the curve of the back

Adjusting the height/depth

1. Remove the back cushion.
2. Adjust the support for the curve of the back as required.
3. Replace the back cushion.

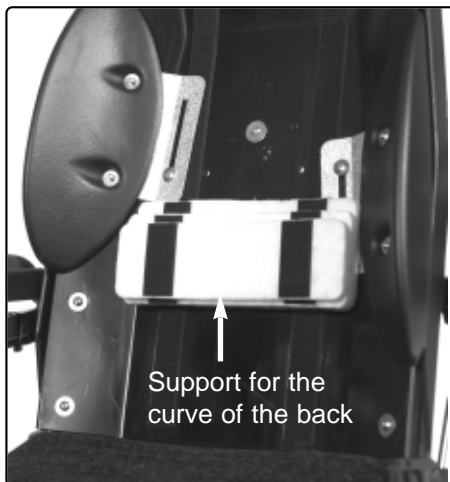


Figure 6. Adjusting the support for the curve of the back

Integrated trunk rest

Adjusting the height

1. Loosen the knob on the back of the back rest; see figure 7.
2. Adjust by moving the entire trunk rest up or down.
3. Tighten the knob again

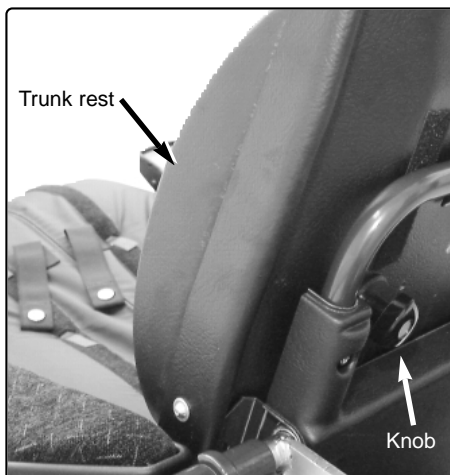


Figure 7. Trunk rest adjustment

Accessories, adjustment

Trunk rest

Adjusting the width

1. Loosen both locking handles.
2. Adjust the trunk rests to the desired width.
3. Tighten the locking handles again.

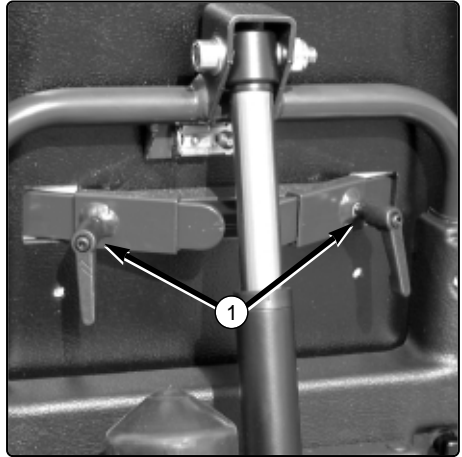


Figure 8. Adjusting the trunk rest

Accessories, adjustment

Head support

Adjusting the height

1. Loosen the knob, see fig. 9.
2. Adjust to the desired height.
3. Tighten the knob again.



Figure 9. Adjusting the height

Forward/backward adjustment

1. Loosen the locking handle.
2. Adjust as required.
3. Tighten the locking handle again.

You can also rapidly remove the neck rest by unscrewing the locking handle, see figure 10, and then moving the neck rest to the right.



Figure 10. Adjusting the angle

Thigh support

1. Longitudinal direction

Open the zipper on the thigh support cover. Loosen the screw (figure 11:1), adjust to the desired position and tighten the screw again.

2. Thigh support angle

Loosen the screw (11:2), adjust to a suitable angle and tighten the screw again.

3. Width adjustment

Loosen the screws (11:2/3), adjust the width and tighten the screws again. Re-zip the cover when done.

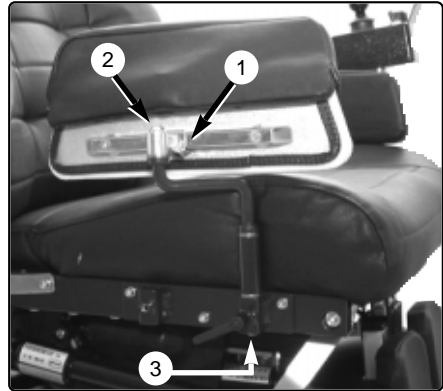


Figure 11. Adjusting the thigh support

Table

Adjusting the depth

1. Loosen the screw, figure 12:1.
2. Loosen the knob, figure 12:2.
3. Adjust to the desired depth.
4. Tighten the screw and knob again.

NB!

You can also adjust the angle of the table by adjusting the angle of the arm rest; see page 10.

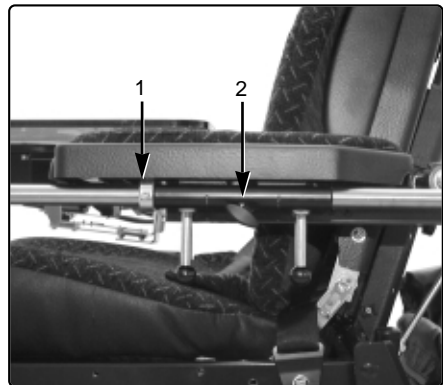


Figure 12. Adjusting the table

Maintenance

Checking the positioning belts

Check the condition of the positioning belts regularly to ensure that the positioning belts have not been damaged and are not worn.

Upholstery washing instructions

Refer to the label on the cushion. The cover may be removed if desired for easier washing.

Transport

To make it easier to transport the seat, the back rest can be folded forwards.

Folding the back rest forwards

1. Loosen the cotter, figure 13:1.
2. Loosen the knobs on the right and left sides of the back; see figure 13:2.
3. Lift up the back rest and mounting plate and fold the back forwards.

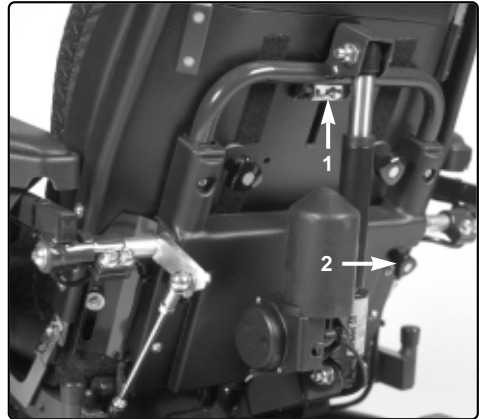


Figure 13. The mounting of the back

Removing the neck rest

You can also remove the neck rest by unscrewing the locking handle in figure 14 and then moving the neck rest to the right.

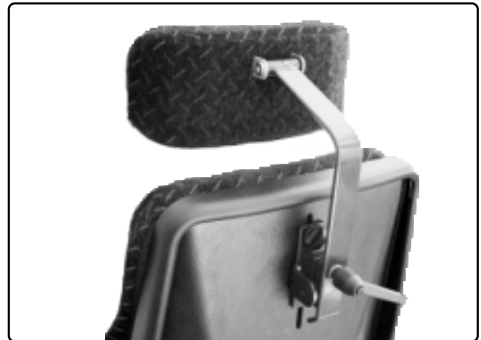


Figure 14. Locking handle

Removing the seat from the chassis

1. Remove the innermost plastic plug from the seat plate; see figure 15.
2. Use a 19/21 mm seat sleeve to remove the seat.
3. **NB!** Disconnect the cables from the back before lifting off the seat.

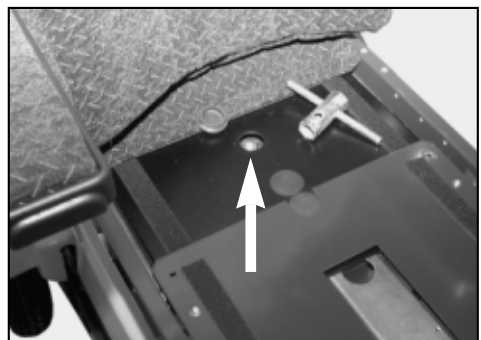


Figure 15. Seat plate

Data

Chair adjustments

A: Back rest height.....	26"
B: Seat depth	18"
C: Seat width	17"
D: Distance between arm rests	16"
G: Arm rest height	*10" - 12"
H: Joystick height	*10" - 12"
I: Joystick - arm rest hinge	16" - 24"
K: Back rest inclination.....	0° - 45°

* With arm rest profile on the top, articulated shaft: 12" - 14".

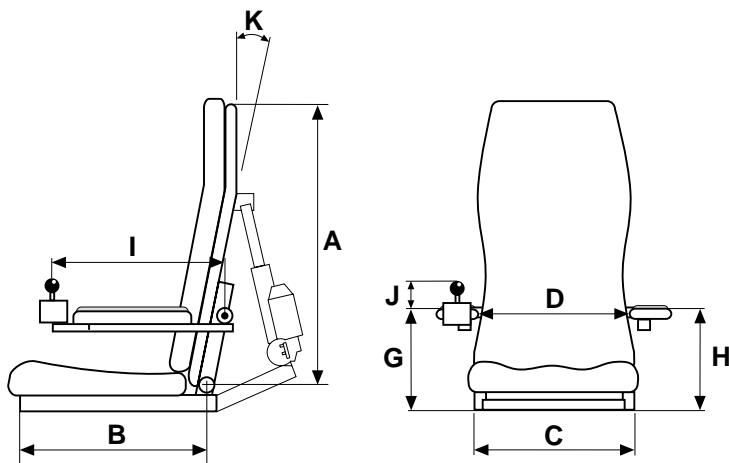


Figure 16. Chair adjustments

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