



Simplex

Assembly Instruction

SIM002 & SIM003



Content

- Safety.....3**
 - Symbols 3
 - General regulations 3
 - Warnings 3
- Overview.....4**
 - Basic design 4
 - Extension kit..... 8
 - Cabling..... 10
 - Tightening Torques 11

Safety

Symbols



WARNING!

Risk of serious injury or death.

An operation that, if not performed correctly, can lead to injuries to the operator or other persons.



CAUTION!

Risk of material damage.

An operation that, if not performed correctly, can lead to material damage.



INFO

Other important or explanatory information.

General regulations

These installation instructions, or a wheelchair-specific installation instructions, must always be followed when installing Simplex.

Warnings



WARNING!

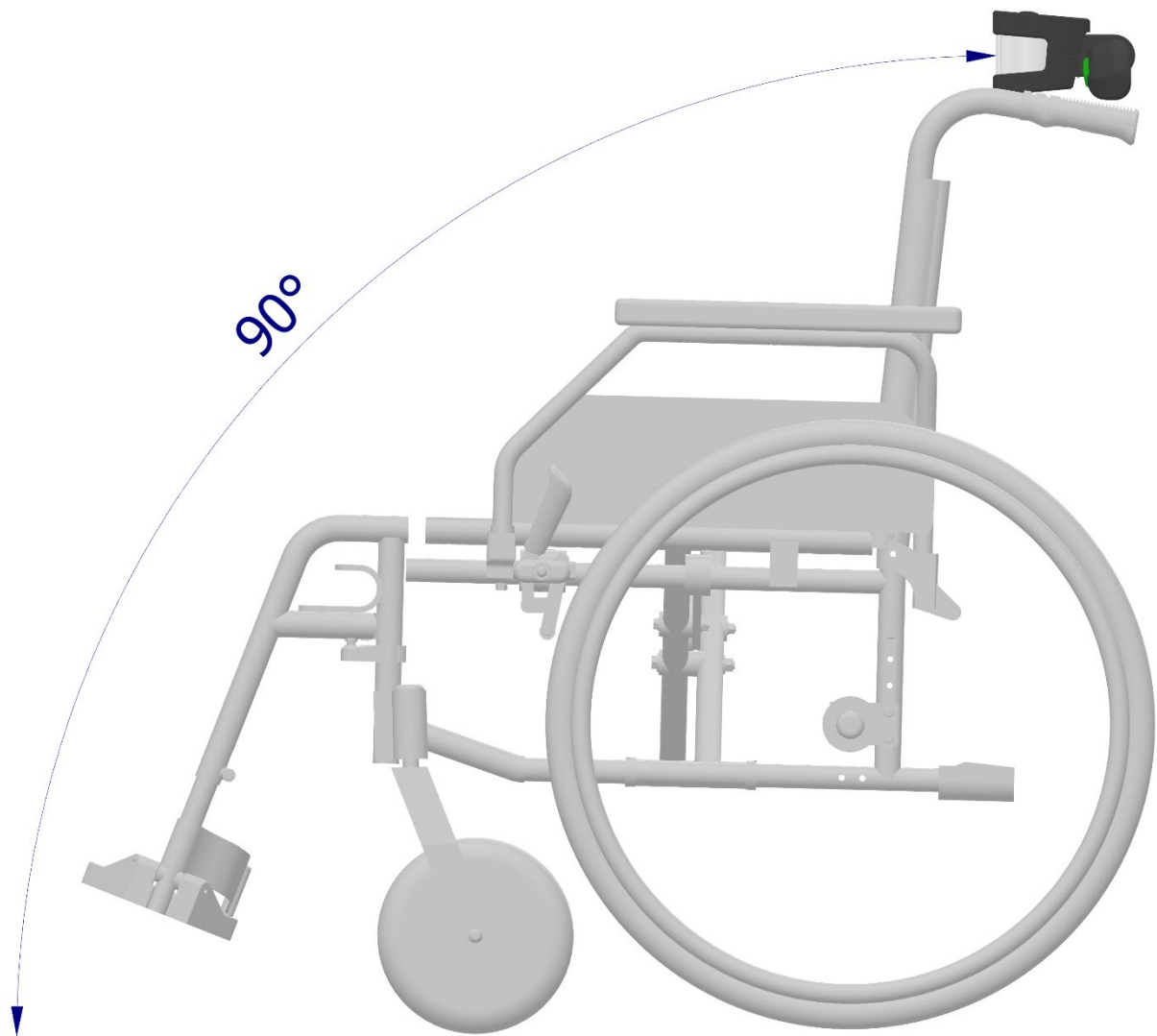
Installation and modification work described in this document may only be carried out by a trained service technician, dealer or other representative appointed by Decon.

Overview

The adapter set (**SIM002**) for mounting the Simplex attendant control is designed to be as flexible as possible. This means that you have the flexibility to mount the bracket in different ways to achieve the desired position. It's a good idea to test different options before making the final decision.

This adapter set can be mounted on a wheelchair where the distance between the attachment points is up to 510 mm. If a wider fastener is required, please refer to the accessories described in section *Extension kit* on page 8 of this assembly instruction.

In most cases, the Simplex should be mounted horizontally. Make sure to place the rear part of the Simplex close to perpendicular to the ground level, as in the image below.

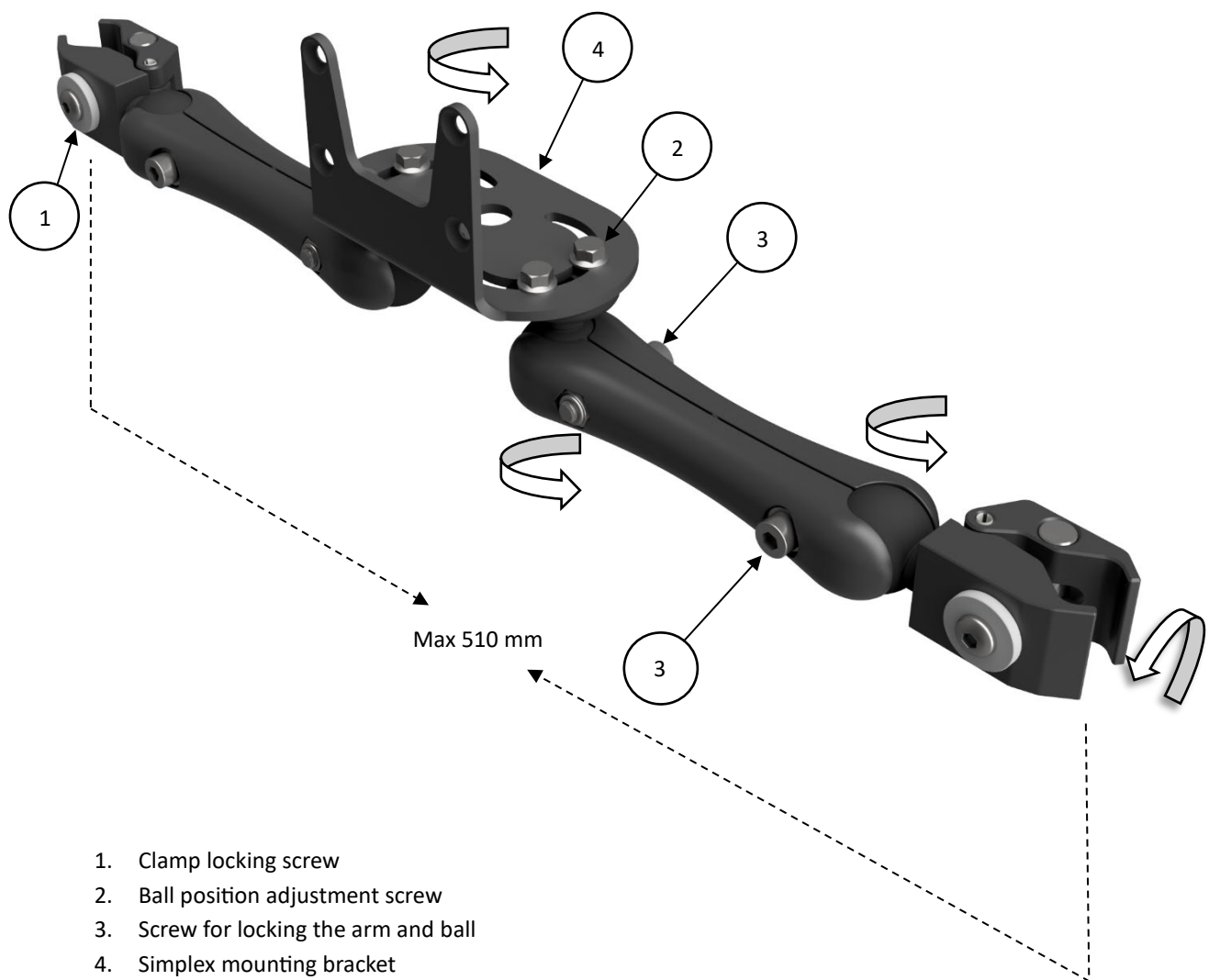


INFO

The Simplex handle is not intended for lifting or pushing down when taking obstacles. If necessary, move one or both hands to the wheelchair's regular handles.

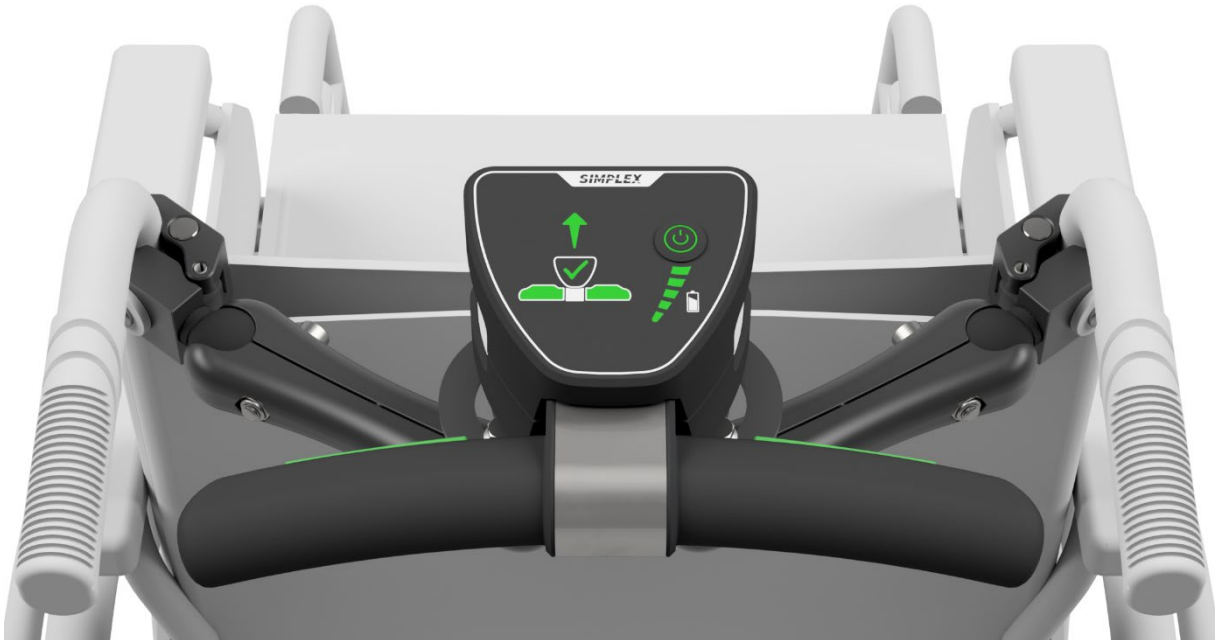
Basic design

Start by getting familiar with the adapter set and go through the different components as follows.



The universal adapter set allows for a variety of mounting options for Simplex, providing flexibility in the installation process.

Illustration of the installation against the lower part of the wheelchair's push handles. For best results, mount on stable attachment points.



How the arms connect to the Simplex mounting plate.

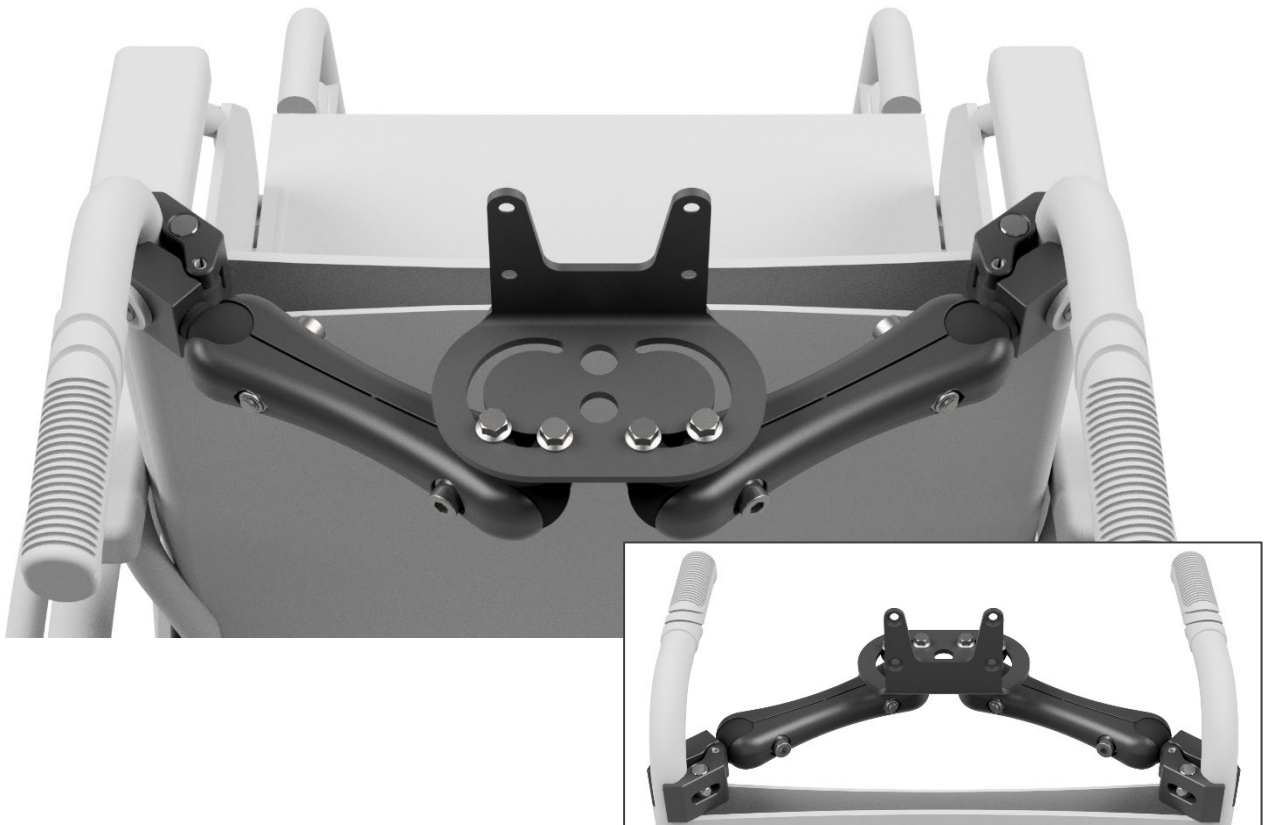


Illustration of mounting against the upper part of the wheelchair's push handle, next to the grip surface.



Example of how the inner screws is mounted.



Extension kit

When the width of the universal adapter set is insufficient, an additional accessory with item number (**SIM003**) is available (ordered separately). This article allows installation where the distance between the attachment points is up to 600 mm.

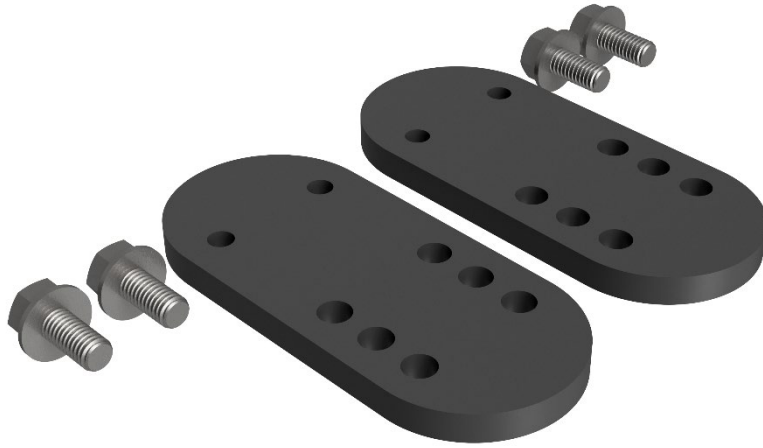
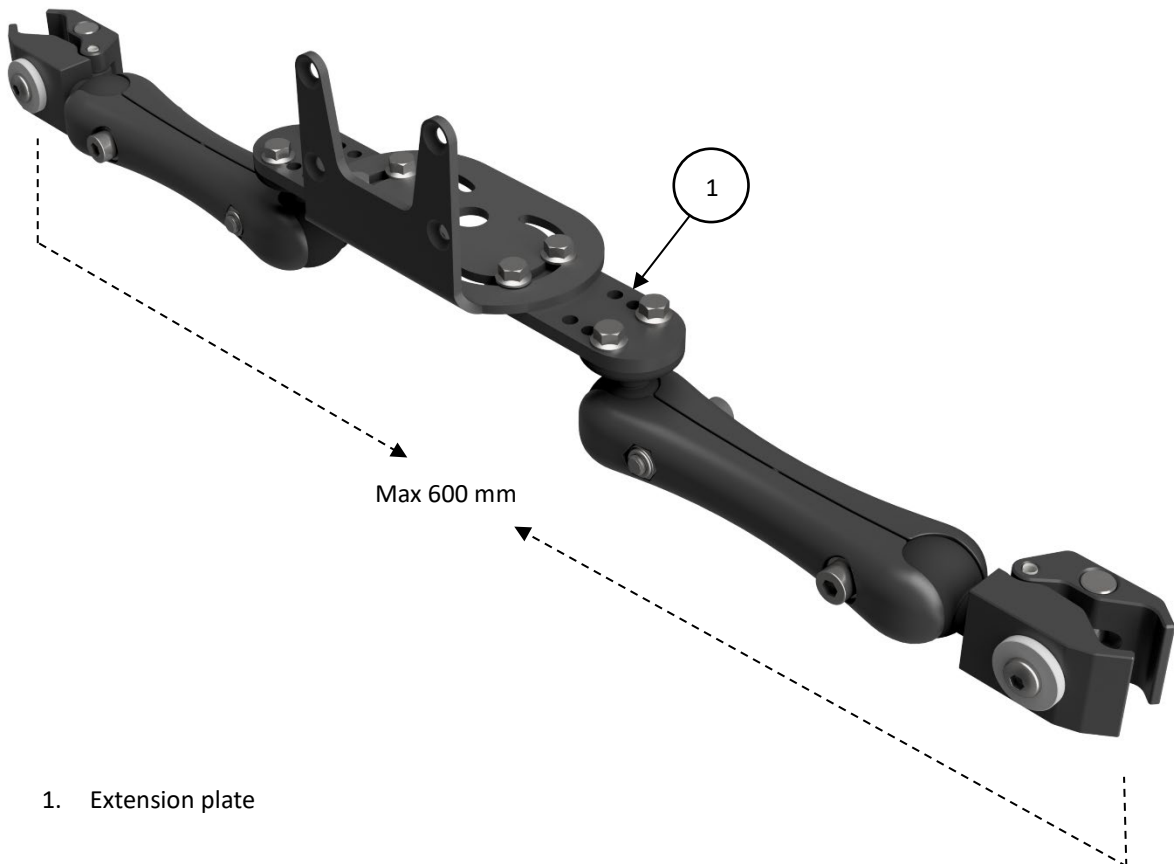


Illustration with extension kit mounted.

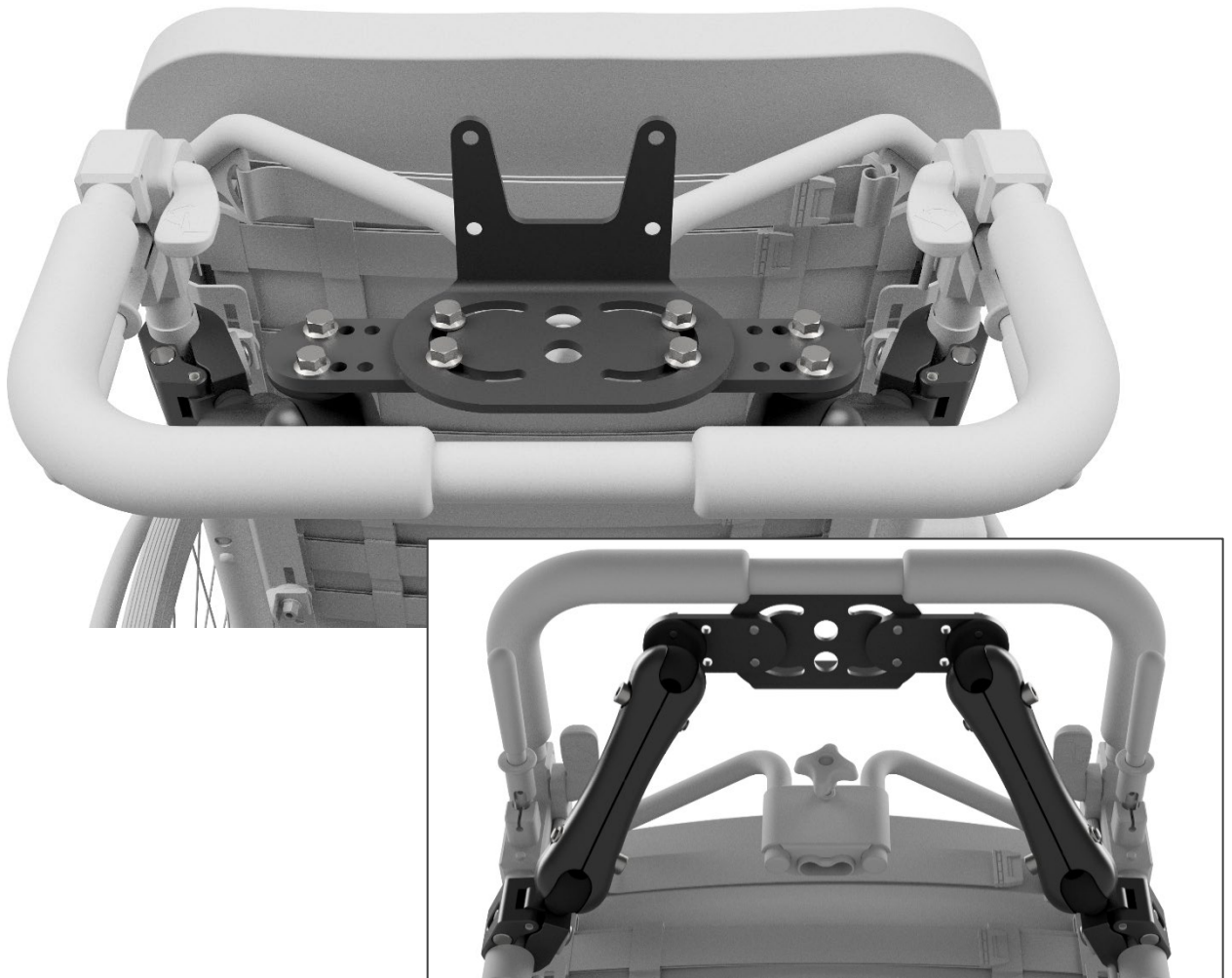


1. Extension plate

Illustration of Simplex assembled with extension kit.



Same as above but without Simplex in the picture.



Cabling

Now fasten the Simplex cable harness with cable ties so that it cannot get caught in moving parts or external obstacles.

Illustration of example.



Tightening Torques

Unless otherwise specified, use the following tightening torques.

Metric coarse threads, steel.

Thread	Torque
M3	1.2 Nm
M4	3 Nm
M5	6 Nm
M6	10 Nm
M8	25 Nm
M10	50 Nm
M12	85 Nm

Decon Wheel AB
Södra Ekeryd 119, 314 91 Hyltebruk
Phone: +46 (0)345 40880
Fax: +46 (0)345 40895
E-mail: info@decon.se