



Assembly Instructions

INFM7001, INFM7101, INFM7201

Infinity Mounting set Etac Cross / Cross 5

1. Safety

Symbols



Warning!

Risk of serious injury or death.

An operation that, if not correctly performed, may lead to injury to the operator or others.



CAUTION!

Risk of material damage.

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



INFO

Particularly important or explanatory information

General instructions

These instructions shall always be followed when placing the mounting set INFM7001, INFM7101, INFM7201 Mounting set Etac Cross / Cross 5 on a wheelchair.

To be able to connect Infinity to the wheelchair Infinity also needs to be adjusted according to the assembly instructions that is included in the delivery of Infinity.

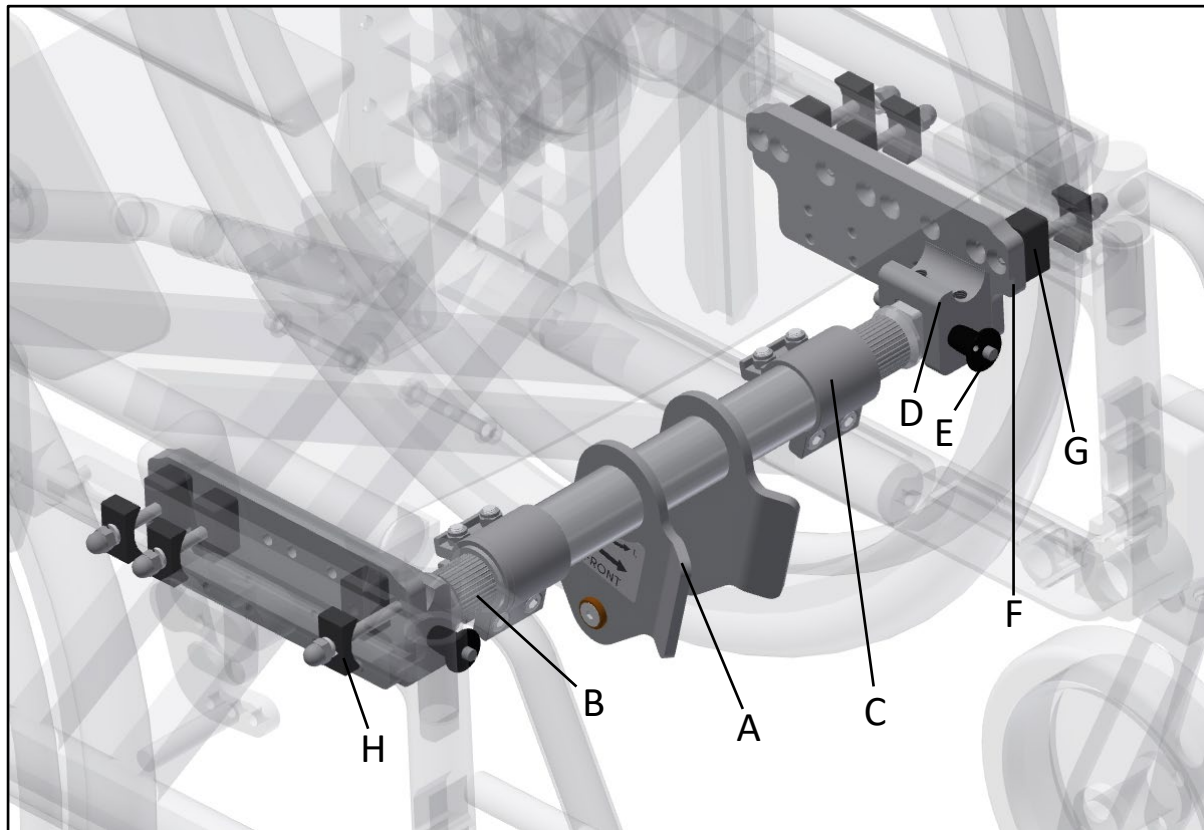
Warnings



WARNING!

Assembly work or changes made to the mounting set must be carried out by trained service technician, reseller or another person assigned by Decon.

2. Overview



- A Center pipe adapter bar
- B Outer pipe adapter bar
- C Clamp adapter bar
- D Holder adapter bar
- E QR-Pin
- F Adapter plate
- G Spacer adapter plate
- H Washer adapter plate

3. Assembly and adjustment of adaptor

First mount the adapter plate (F), spacer adapter plate (G), washer adapter plate (H). This is kept into place using screws (I) that is tightened on the outside of the frame using spring washer (J) and domed nut (K).

Tighten the domed nut (K) loosely at this point so that the complete assembly can be moved along the frame of the wheelchair.

Now mount the holder adapter bar (D) using the screws (L).

Assemble both sides.



WARNING!

When assembly on wheelchair one support point must always be in front of the wheelchairs brake.



WARNING!

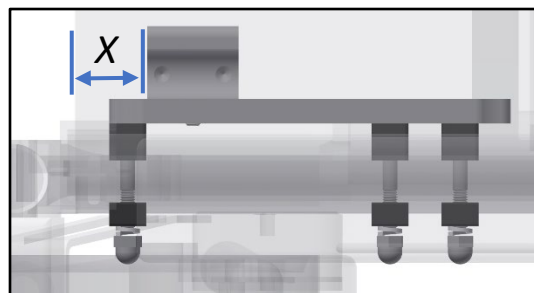
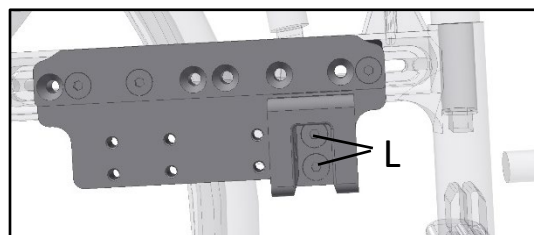
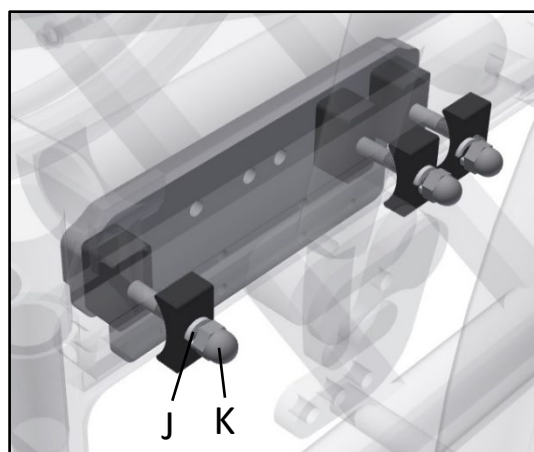
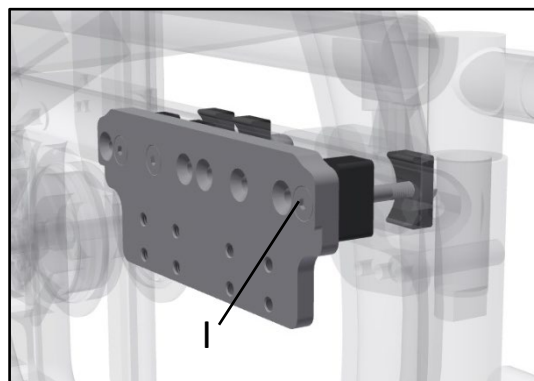
Screws (L) that holds the holder adapter bar must be tightened to 7-9Nm. Loctite 243 or eq. shall be applied to the screw before it is assembled.



INFO

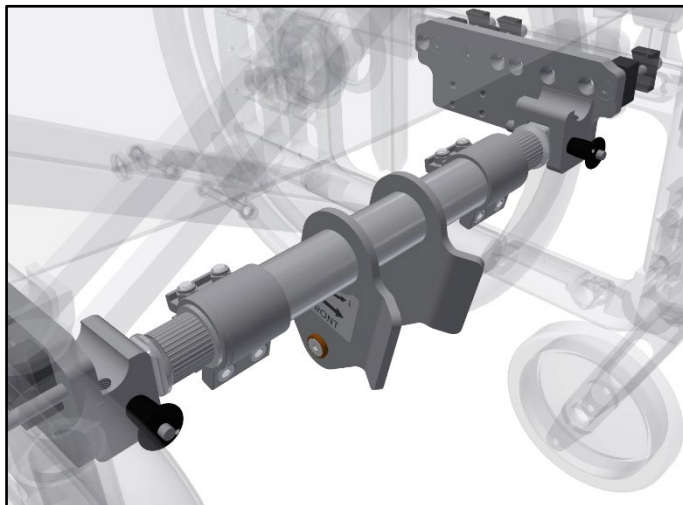
The distance, **X**, from the edge of the seating cushion to the holder (D) should be **20mm**.

The position of the wheelchair's rear wheels can affect the position of the screws (I) and holder adapter bar (D). The positioning of the assembly that pictures are showing can vary depending on the position of the rear wheels of the wheelchair.



Now mount the complete adapter bar that consists of center pipe (A), outer pipe (B) and clamp (C). The complete adapter bar is mounted into the holders (D) by using the QR-pins (E).

Make sure the ends of the outer pipe (B) are parallel otherwise it can be hard to assemble it into the holders (D). It shall be possible to move the center pipe sideways and also rotate it if correctly assembled.



Now tighten all the screws (I) that holds the adapter plate in place.



Check that the arrow on the labeling mounted on the center pipe (A) is pointing towards the front of the wheelchair. If the center pipe (A) is mounted the wrong way around it will not be possible to attach Infinity to the bar.



WARNING!

The screws (I) holding the adapter plate (G) shall be tightened to 7-9Nm of torque.

INFO

Now use the leveling tool that is included in the delivery of Infinity. Since the adapter bar have splines inside it will not be possible to get the bubble of the spirit level exactly right. Just choose the most correct position.

The leveling tool has two marks “H” and “L”. When the bubble of the spirit level is towards the “H” the castors of the wheelchair will lift higher from the ground compared to if the bubble of the spirit level is towards the “L”.

Adjustment of the angle can be done in two different manners. Both is described bellow.

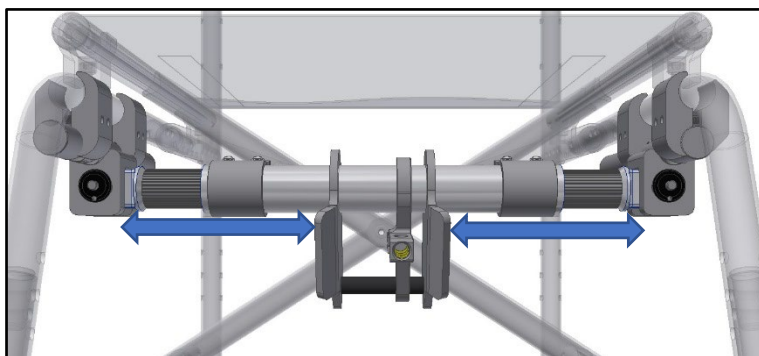
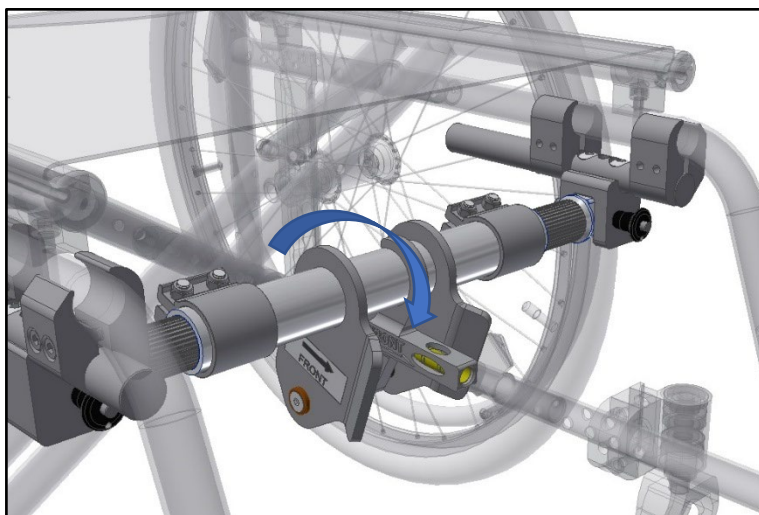
Alt1.

Using the adjustment tool that is included in the delivery of Infinity (not this mounting set), set the angle of the adaptorbar so that the spirit level is in level. Inside the pipes there are splines so when rotating you will feel and hear a clicking. When desired angle have been accomplished, check that the center pipe is centered in the wheelchair. Now tighten the screws in the clamps (C).



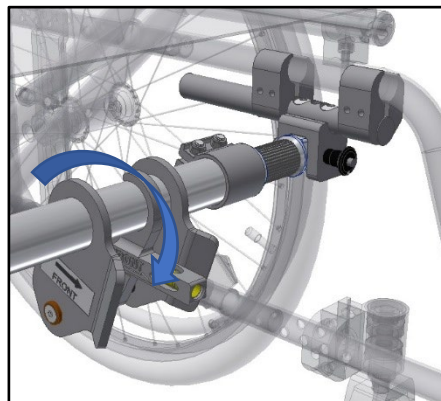
WARNING!

The screws holding the clamps (C) shall be tightened to 7-9Nm of torque.



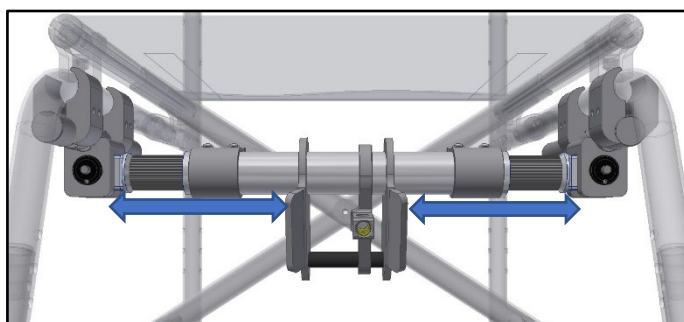
Alt.2

Using the adjustment tool that is included in the delivery of Infinity (not this mounting set), set the angle of the adaptorbar. Only mount the inner pipe on one side and then rotate the center pipe to the correct angle. Now mount the other inner pipe in the same position/angle as the first one. Check that the center pipe is centered in the wheelchair. Now tighten the screws in the clamps (C).



WARNING!

The screws holding the clamps (C) shall be tightened to 7-9Nm of torque.



Now read the assembly instructions that was included in the delivery of the Infinity unit. Assemble and adjust the Infinity according to the instruction.



INFO

Don't forget to reassemble the brakes of the wheelchair in case these were removed when mounting the adaptor. Also, if the seat cloth was loosened during mounting of the adaptor don't forget to reassemble this.

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