

NEOX CONNECTION












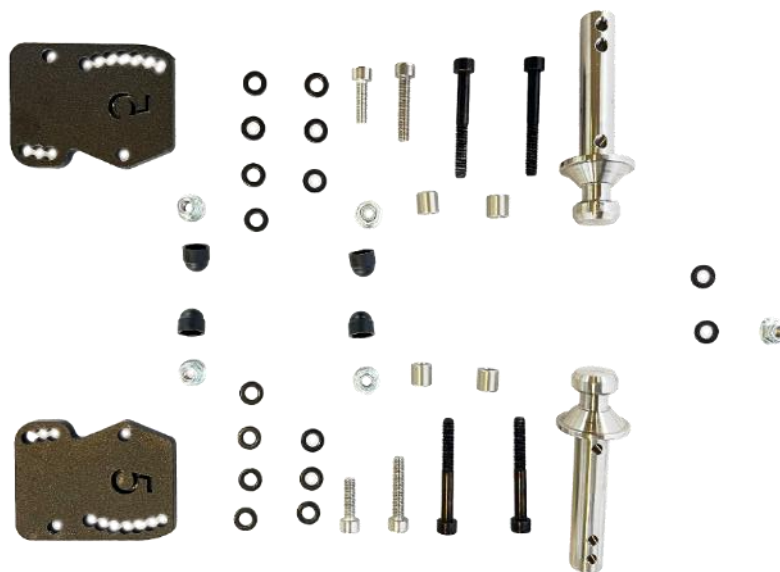
Tools



1. Hexagonal socket 10 mm
2. Allen Key 5 mm
3. Allen Key 6 mm
4. Dynamometric Wrench (4-20 Nm)
5. H6 torque spanner adapter
6. H5 torque spanner adapter
7. Flexometer (Meter)
8. Spirit level

Material supplied

CODE	IMAGE	QUANTITY	NOTES
Conical pin RTE-1006(56)		2	
Plate N5 1012-26-011		2	
M6x50 cylinder head screw ISO 4762 code		4	
M6x30 cylinder head screw ISO code 4762		2	
M6x20 cylinder head screw ISO code 4762		2	
M6 washer DIN 125		14	+2 extra
INOX spacers 10mm 1012-138-001		4	
M6 self-locking flange nuts DIN 6926		4	+1 extra
Nut Covers		4	



Assembly instructions

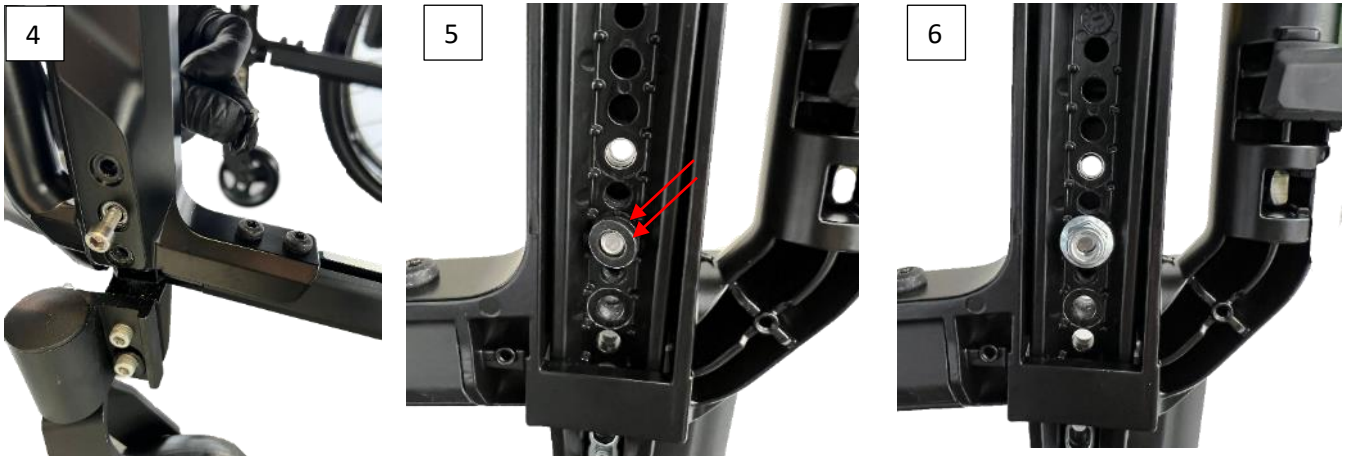
ATTENTION PROCEED ONE SIDE AT A TIME

SIDE 1

1. Unscrew and remove the original front fork fixing screws, then remove the original threaded plate



2. Insert the M6x30 screw from the outer side into the centre hole (fig. 4). Insert two washers on the opposite end on the inside (fig. 5), then lightly screw in the M6 flange nut (fig. 6).



3. Insert the M6x50 screw with a washer from the inside into the top hole (Fig. 7)
On the other end, outer side, insert the washer (fig. 8) and the spacer (fig. 9).



4. Insert the m6x50 screw (fig. 10) into the lower centre hole of plate No. 5 and on the side opposite the plate, insert the spacer with a washer (fig. 11)

10



11



5. Insert the screw just inserted into the lower hole of the fork into the plate (fig. 12), tighten the central M6x30 screw, then position the plate by inserting the threaded part of the upper screw into the central hole of the plate (fig. 13). Lightly tighten the nut of the lower screw (fig. 14).

12



13



14



6. Insert the conical pin with the tip pointing forwards, matching the first hole with the m6x50 screw (fig. 15). Then position the pin in level (fig. 16) and secure the position with the m6x20 screw to the corresponding hole (fig. 17).

15



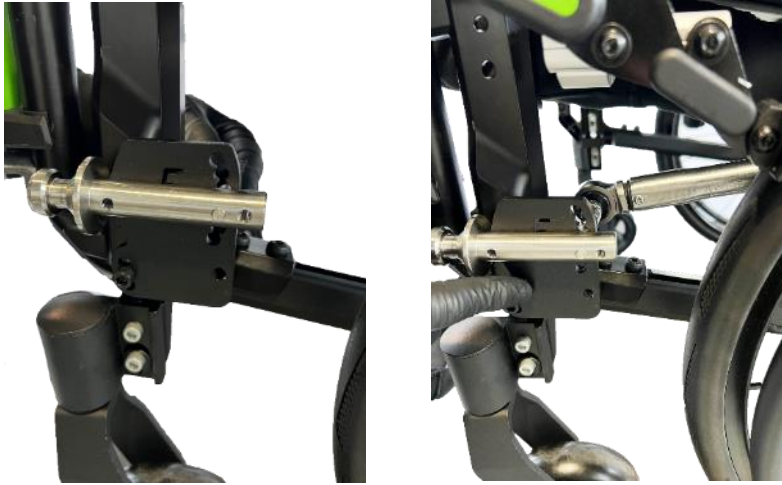
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17






7. Tighten all M6 screws with a torque spanner to a torque of 12 Nm

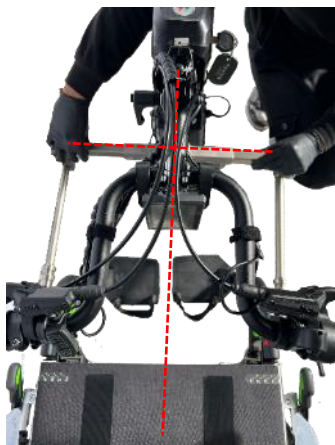


8. **SIDE 2** Carry out the same steps for the opposite side

9. **Arm assembly**

Wheel size	Arm code	Photos	Taper pin installation height (H)
EP3 12"/10"	Raised 1012-128-000		33^{+0}_{-1} cm
EP3 14"/14.5"	Straight 1012-147-000		33^{+0}_{-1} cm
EP3 16"	Lowered 1012-147-000		33^{+0}_{-1} cm

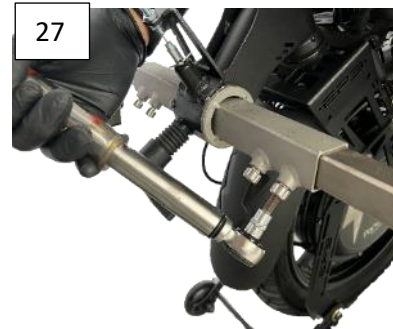
Insert each arm into the shaft, facing upwards or downwards depending on the EP3 model, provisionally adjusting the width of the arms to the width of the wheelchair without tightening the screws on the shaft.



10. Check that both Conical Pins enter and exit the respective depth adjusters freely by moving the thruster away and towards each other (fig. 22,23). Then tighten the side clamping levers (fig. 24).



11. Check that the width of the arms is the same on each side (fig. 25,26). Then tighten the shaft screws to a torque of 12Nm (fig. 27).



12. If necessary, turn the depth adjuster grub screws to adjust the distance of the handlebar from the user, bringing the adjuster closer to or further away from the user, then tighten to a torque of 12 Nm.

