



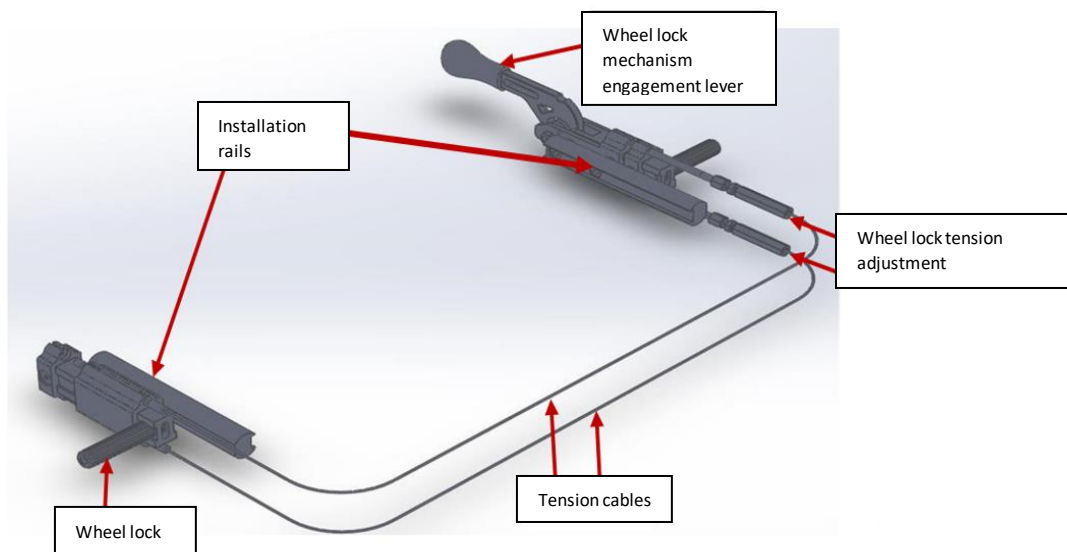
INSTALLATION INSTRUCTIONS

Unilateral wheel lock installation/replacement

i Important information:

- Check the incompatibility tables according to the different models at the end of the instruction.
- Before beginning assembly, make sure you have all the necessary parts. These parts must be ordered through your representative or through the Moton Composites customer service. Make sure to have the serial number of your wheelchair to make ordering easier.
- For more information, consult the user manual or visit motioncomposites.com.

Material(s) required :	Tool(s) required :
<ul style="list-style-type: none">• For a carbon frame	<ul style="list-style-type: none">• 4 mm Allen key• 2 X 0041017A-00-ultralight brake clamp• 2 X 0090752A-00-cylindrical headscrews (M5X8X30mm L, 22 mm thread)• 7 Nm adjusted torque wrench
<ul style="list-style-type: none">• For an aluminium frame	<ul style="list-style-type: none">• 5 mm Allen key• 2 X 0041501A-00-brake clamp-assembly• 12 Nm adjusted torque wrench
<ul style="list-style-type: none">• Depending on the width of the wheelchair (10-16") or (17-22 ")	<ul style="list-style-type: none">• 1 X 0004570A-00 @-03-unilateral wheel lock





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1. On the carbon frame, the clamp should be installed 2" from the wheel lock rail.

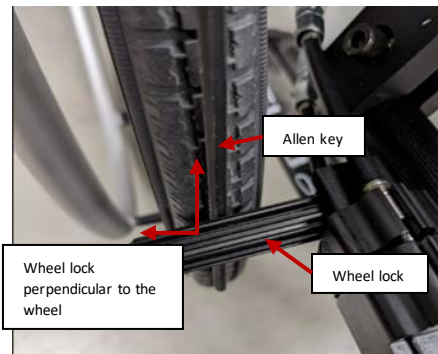


- On the aluminium frame, the clamp can be installed anywhere without restriction.

2. Pass the tension cables behind the crossbrace.



3. Press the Allen key on the wheel and press the wheel lock onto it. It must be as perpendicular as possible to the wheel.



4. Tighten the 2 screws of the clamp on the frame and finalize the installation with the torque wrench adjusted to 7 Nm for a carbon frame and to 12 Nm on an aluminium frame.



- If there is interference between the armrest and the wheel lock lever, it is possible to put the lever a little outwards.
5. Repeat the previous steps on the other side.

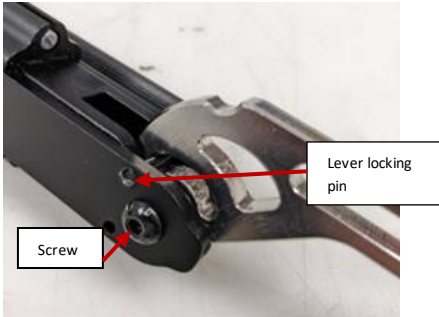


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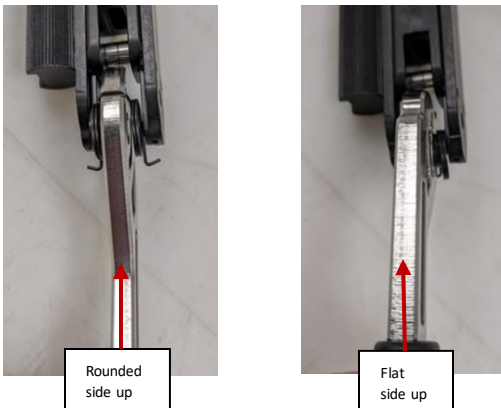
Unilateral wheel lock installation/replacement

HOW TO CHANGE A RIGHT UNILATERAL WHEEL LOCK TO A LEFT (Use an 8 mm socket and an 3 mm Allen key)

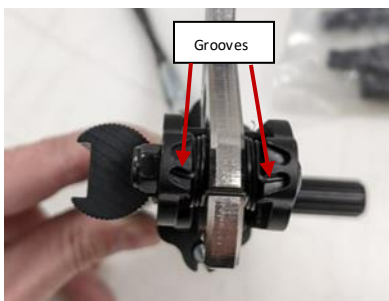
1. Remove the screw and locking pin from the lever in the non-locking position.



2. When the screw and the lever lock pin are removed, flip the lever over.



3. Make sure the spring is well in its grooves.



4. Replace the lever locking pin and the screws.



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- If the wheelchair has one or more of the specifications mentioned in the table below, it is not compatible with the unilateral wheel lock.

RESTRICTIONS
Seat depth has to be ≥ 16
Rear wheel diameter ≤ 24 inches
Camber at 0° only if T or U armrest are selected
One arm drive: No T or U armrest compatible
T or U armrest may require to space out the rear wheels
Wheel lock lever extension not available

- You will find in the following tables the configurations compatible with the unilateral wheel lock system according to the wheelchair model.

HELIO A6/MOVE		
Rear wheel diameter (in)	Seat depth (in)	COG* Compatibility range (in)
20	≥ 16	1.25 to 2.75
22	16	0.75 to 2.25
	≥ 17	0.75 to 2.75
24	16	0.75 to 1.75
	17	0.75 to 2.25
	≥ 18	0.75 to 2.75

HELIO C2/HELIO A7		
Rear wheel diameter (in)	Seat depth (in)	COG* Compatibility range (in)
20	≥ 16	1.5 to 3.75
22	16	1.0 to 2.75
	17	1.0 to 3.25
	≥ 18	1.0 to 3.75
24	16	1.0 to 2.0
	17	1.0 to 2.75
	≥ 18	1.0 to 3.75

VELOCE		
Rear wheel diameter (in)	Seat depth (in)	COG* Compatibility range (in)
20	≥ 16	1.75 to 4
22	≥ 16	2.5 to 4
24	≥ 16	1 to 4

*Center of gravity