



## INSTRUCTION SHEET CASTER HOUSING INSTALLATION (A6 AND MOVE)

- i** • 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.
- The eccentric inserts chart is included at the end of this instruction.

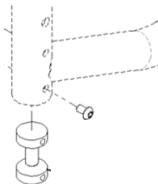
### Material(s) required: (For 1 wheel)

- 1 Right caster housing #0022524B-00 **AND/OR**
- 1 Left caster housing #0022525B-00
- 2 Eccentric caster housing inserts #22080
- 1 Threaded insert for caster housing #22081
- 1 Screw #4426
- 2 Screws #4427
- 2 Screws #90655 (whitout anchoring) **OR**
- 2 Screws #90659 (with anchoring)
- 1 Spacer #0022082

### Tool(s) required:

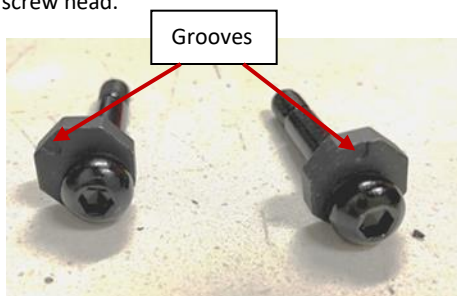
- 2 mm Allen key
- 4 mm Allen key
- Torque wrench adjusted to 7 Nm **AND** 12 Nm
- Thread locker
- Eccentric inserts chart (consult at the end of instruction)

1. Place the threaded insert (#22081) into the frame tube. The threaded hole of the insert should be towards the inside of the wheelchair. Slightly screw the small screw (#4426) to hold it in place.



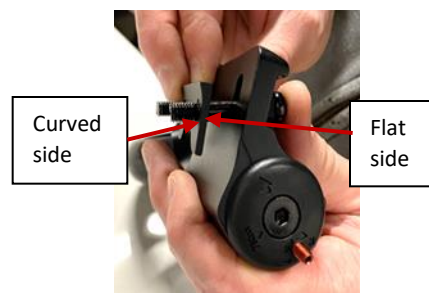
Screw inside the frame.

2. Put the eccentric inserts (#22080) on the screws (#4427) with the grooves on the same side as the screw head.



Grooves

3. Put the 2 screws (#4427) in the caster housing + place the spacer (#22082) (flat side towards the caster housing and curved side towards the wheelchair frame).



4. Put 1 drop of thread locker on the tip of each screw (#4427).
5. Slightly screw the 2 caster housing screws (#4427) on the frame of the wheelchair.





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6. Adjust the eccentric inserts (#22080) according to the chart (consult at the end of instruction) or the same way than the other front wheel.



7. Screw completely the 2 screws (#4427).
8. Unscrew the screw (#4426) towards the inside of the wheelchair, **put 1 drop of threaded locker** to the tip and screw completely.



9. Finalize the installation of the 2 screws (#4427) on the outside of the frame with the torque wrench adjusted to **12 Nm**.
10. Finalize installation of the screw (#4426) inside of the frame with the torque wrench adjusted to **7 Nm**.
11. For the remaining 2 screw locations, it is possible to install an anchor for the unoccupied transport or you can only put screws in it to plug the holes.
- If there's an anchor, finalize the installation with the torque wrench adjusted to 7 Nm.



Unoccupied transport anchors installation (screws #90659)

or

Without anchors (screws #90655)

12. To **adjust the anti-flutter** of the front wheel, tighten the set screw to the desired tension with the 2 mm Allen key.

- Tilt the wheelchair backwards, resting the push handles (or the backrest) on the ground.
- Slightly over-tension the adjustment screw and then loosen it to the required tension.



- Raise the wheel so that it's parallel to the ground. When you release it, it should not have a rocking motion.
- You may need to make a small adjustment when using the wheelchair.

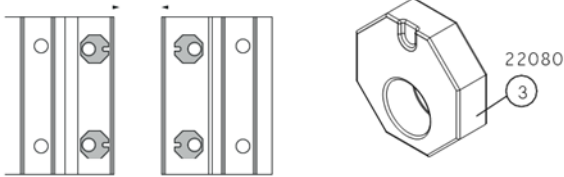


**ECCENTRIC INSERTS**  
**ADJUSTMENT**

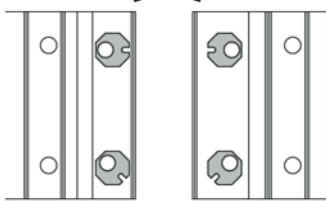
# Adjusting the caster housing

## Table of setting positions

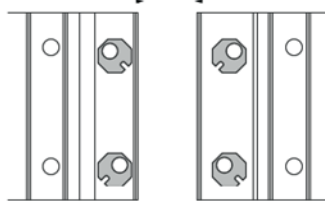
0" to 1/4" Slope



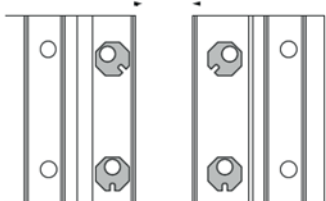
1/2" to 3/4" Slope



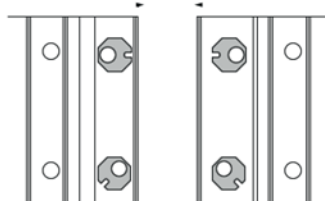
1 1/2" to 1 3/4" Slope



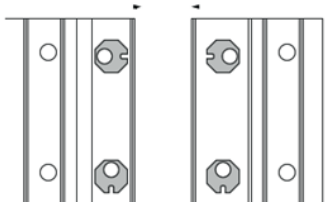
3/4" to 1" Slope



1 3/4" to 2" Slope



1 1/4" to 1 1/2" Slope



2" to 2 1/4" Slope

