

Instruction for Use - Caster Readjustment Instructions for MAC Medical Stretchers

These instructions deal with periodic maintenance adjustments that may be necessary for Casters and Wheels on MAC Medical Stretchers.

MAC Medical stretchers come equipped with two types of Casters:

- Total Locking Casters (3)
- Directional Locking Casters (1).

Over time, constant usage of the locking mechanisms can cause degradation in the function of the locking mechanisms themselves.

Detailed below are steps for adjusting the locking mechanism on both types of casters.

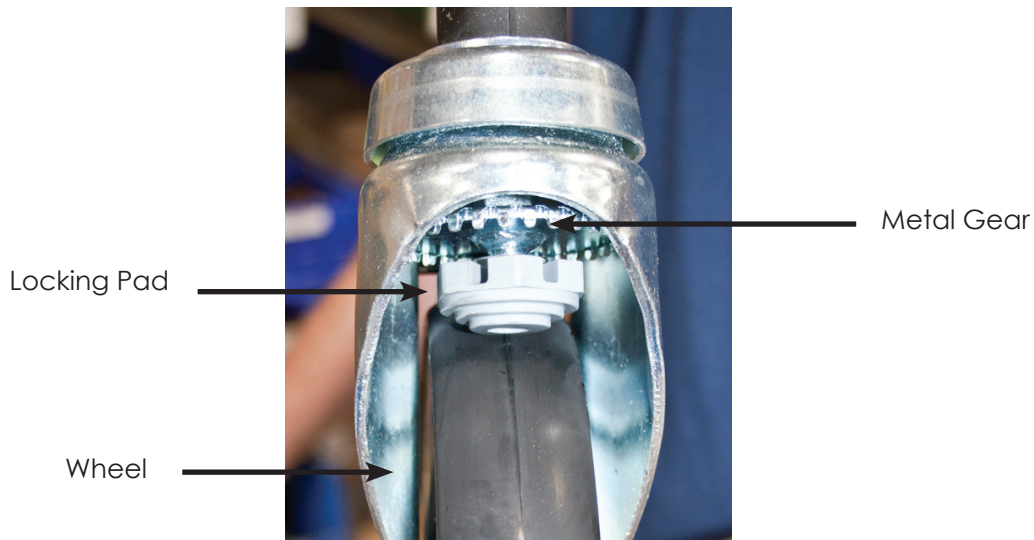


Fig. 1: Caster adjustment components



Fig. 2: Wheel Lock Pedal

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Total Locking Caster adjustment



Fig. 3: Adjusting the Locking Pad

With repeated use the Locking Pad of the Total Locking Caster can become worn an loose contact with the Wheel, resulting in failure to lock adequately.

- 1) To reajust the locking mechanism, insert a flat-head screwdriver into one of the slots in the Locking Pad (Fig 3), and turn to the right. This will lower the Locking Pad to increase contact with the Wheel.
- 2) After making the adjustment, press the red Wheel Lock Pedal to ensure that the Wheel locks normally.

NOTE: Do not lower the Locking Pad to far, or the Locking Mechanism will not work. If you depress the red Wheel Lock Pedal and the pedal immediatly springs back up, you have over-tightened the mechanism. Repeat Step 1, but turn the Locking Pad slightly to the left to decrease contact with the Wheel, and depress the red Wheel Lock Pedal again. You may have to do this procedure several times until the desired lock is achieved.

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Directional Locking Caster adjustment

With repeated use, the multi-toothed Metal Gear in the caster can become worn resulting in failure of the Directional Caster to lock correctly.

- 1) Using a 13mm Socket Wrench, remove the two Hex Bolts from the frame above the Directional Caster you wish to adjust (Fig. 4), and make sure the Wheel is unlocked (Fig. 5).
- 2) Grasping the body of the stretcher, move the stretcher to rotate the Directional Caster you are adjusting a full 360 degree Horizontally in a Counter-Clockwise direction (Fig. 6).
- 3) Replace the Hex Bolts in the frame and test the Directional Locking Caster by depressing on the red Wheel Lock Pedal. If the Directional Caster still does not lock correctly, repeat step 1. NOTE: You may need to repeat these steps several times until the lock functions correctly, depending on the amount of wear on the caster.

Hex Bolts



Fig. 4: Hex bolts to be removed.



Fig. 5: Bolts removed and wheel unlocked



Fig. 6: Rotate wheel counter clockwise 360 degrees.