

Standard Wheelchair



A standard wheelchair allows mobility to persons who have restricted weightbearing through the lower extremities for whatever reason (weakness, post-surgical, balance deficits, amputations, etc). A standard wheelchair typically has a steel frame with basic vinyl sling type seat, armrests, swing-away footrests, and wheel-locks. The footrests can be removed and the wheelchair folded to allow for easier transportation. Choosing the appropriate wheelchair for the user can be a challenge, as seat widths can vary from 16" to 24" with 18" being average. When determining the overall width of a wheelchair, for access through a doorway, add 8" to the seat width. Individual features of wheelchairs may include, swing away (or removable) arm rests, anti-tippers on the back, extended brake handles and foot rests that elevate.

Operating Instructions

Folding and Unfolding Wheelchair

Unfolding

1. Tilt the wheelchair toward you
2. Place your hand on the seat rail closet to you
3. Press downward on the seat rails until the wheelchair is fully open and seat rails are fully seated in H-blocks

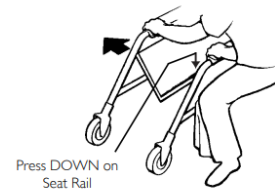


FIGURE 6 Unfolding and Folding Wheelchair

Folding

1. Swing footrests/legrests into the locked position or remove. Footplates should be in the vertical position.
2. With both hands, grasp the middle of the seat upholstery at the front and back edge and lift up.
3. Continue to close the wheelchair by pulling the armrest furthest from you towards your body

Installing/Removing Swingaway Footrest Assembly

Your foot pedals are removable, or can be swung out of the way for temporary needs. They attach to the wheelchair using a double hinge pin system.

Installing

1. Turn the footrest to the side (open footplate is perpendicular to the wheelchair)
2. Install the hinge plates on the footrest onto the hinge pins on the wheelchair frame
3. Push the footrest towards the inside of the wheelchair until it locks into place

Removing

1. Push the front rigging release lever inward
2. Rotate swingaway front rigging assembly outward
3. Lift the swingaway front rigging assembly off the hinge pins

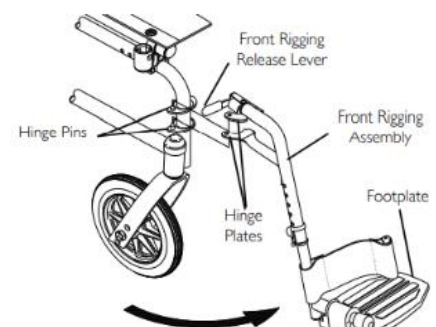
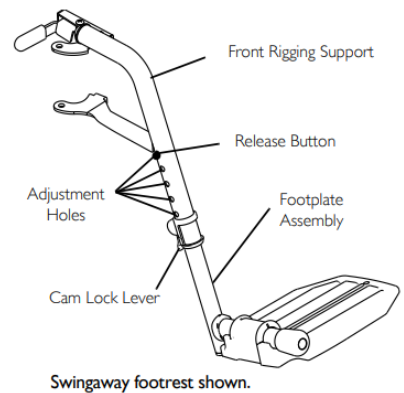


FIGURE 1 Installing/Removing Front Riggings

Adjusting Footplate Height

The foot pedal is also adjustable using the adjustment holes, as shown. In some cases you will need a wrench to loosen the bolt at the bottom of the support, then adjust the shaft length.

1. Remove the swingaway footrest assembly
2. Pull the cam lock lever up to the unlocked position
3. Push in the release buttons and reposition the footplate assembly to the desired height
4. Ensure the release buttons fully protrude from the holes on both sides of the front rigging support
5. Rotate cam lock lever down to the locked position
6. Repeat this procedure for the other footplate
7. Reinstall the swingaway front rigging assembly



Note: When using an elevating legrest, often the user will not use the actual foot pedal, rather they only use the calf pad to rest their leg and flip the foot pedal vertical (out of the way). In that position they are able to fully extend their leg. The calf pad is adjustable. Elevation angle can be adjusted by simply pushing down the the release lever.

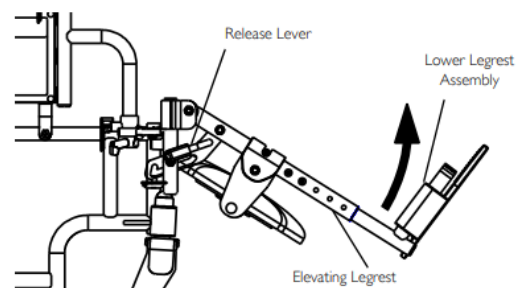
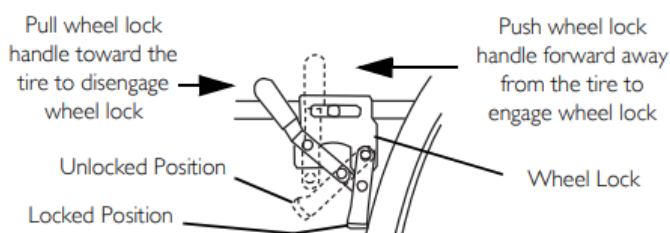


FIGURE 5 Raising/Lowering Elevating Legrest Assembly

Using Wheel Locks

Wheel locks are placed on the back wheels of the chair. They are to be used every time the patient sits down in the chair AND when they stand up to leave the chair. They are operated with either a Push-to-Lock or Pull-to-Lock method as shown below.

Detail "A" Push-To-Lock



Detail "B" - Pull-To-Lock

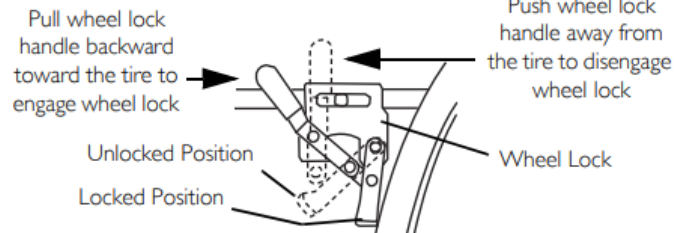


FIGURE 3 Using Patient Operated Wheel Locks