

Compact Featherlight 757 Wheelchair Operating Manual

ATTENTION

Before using this Medical Device read this manual. If you are unable to understand, contact your equipment provider for technical support before attempting to use this product.



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FORWARD



Congratulations on your purchase of a Tuffcare® Compact Featherlight! Tuffcare's Compact Featherlight is a self propelled wheelchair designed specially for individuals with an active life style. Its' main frame is made of alloy steel for strength with aluminim and high impact nylon parts to reduce weight. Our Compact Featherlight has multiple size adjustment in all key locations, it a great choice with users that require to spend long period of on the chair. Quick release rear wheels and front riggings makes transporting easy.

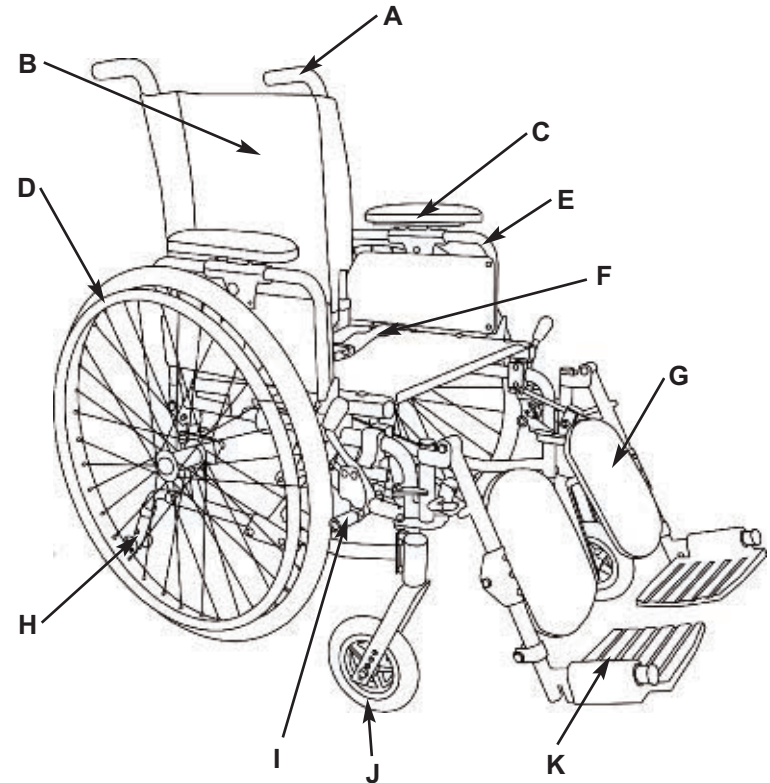
GENERAL GUIDELINES

GENERAL GUIDELINES contains important information for the safe operation and use of this Medical Device.

- ⚠ Do not operate your wheelchair until you have read and fully understood this manual.
- ⚠ Do not operate your wheelchair until its fully assembled and checked.
- ⚠ Do not leave your wheelchair unattended without locking its brakes.
- ⚠ Do not stop on a grade or ramp.
- ⚠ Do not store this product at extreme temperatures ($<0 \geq 40^{\circ}$).
- ⚠ Do not exceed weight limit or it could result in serious injury.
- ⚠ Watch out for: Uneven surfaces, cords, loose rugs, misc toys or tools on the ground, spilled water or oily surfaces.
- ⚠ Do not perform adjustment to the wheelchair while it is in use.
- ⚠ Do not move backwards without making sure no obstacle is behind you.
- ⚠ Do not make sharp turns.
- ⚠ Do not turn or reverse on an incline.(maximum 10% incline)
- ⚠ All wheels must be in contact with the floor at all times during use. This will ensure the wheelchair is properly balanced.
- ⚠ Do not lean over your wheelchair for any reason. Check before use that the product is stable, rigid and that all rivets and screws are fastened.

PRODUCT DIAGRAM

HIGH STRENGTH FEATHER LIGHT 757



- | | |
|-------------------------------------|-------------------------------|
| A. Handgrip | B. Back Upholstery |
| C. Adjustable Armrest | D. Quick Release Wheel |
| E. Wrap Around Swingback Arm | |
| F. Detachable Seatbelt | G. Front Rigging |
| H. Anti-Tipping Device | I. Wheel Brake |
| J. Front Caster Wheel | K. Footplate |

SPECIFICATIONS

Seat Width: available in 16, 18 or 20 inches

Seat Depth: 16 inches

Seat Height: adjustable in 16, 17 or 18 inches

Back Rest Height: adjustable 16, 17 or 18 inches

Front Riggings: footrests/ 16, 17, 18 or 19 inches
legrests/ 14 to 20 inches

Armrest Height from Seat: 9.25 to 12.25 inches

Armrest Length: 8 inches

Front Caster Size: 6 x 1 inch

Rear Wheel Size: 25 x 1 inch

Overall Height: 33 to 37 inches

Overall Length: footrests/ 43 inches
legrests/ 46 inches

Overall Length Without Front Riggings: 32 inches

Overall Width: 22, 24, or 26 inches

Overall Collapsed Width: 11 inches

Weight Capacity: 280 to 310 lbs

Weight Without Riggings: 16" wide - 23 lbs
18" wide - 25 lbs
20" wide - 27 lbs

Footrest Weight: 3.4 lbs

Legrest Weight: 8 lbs.

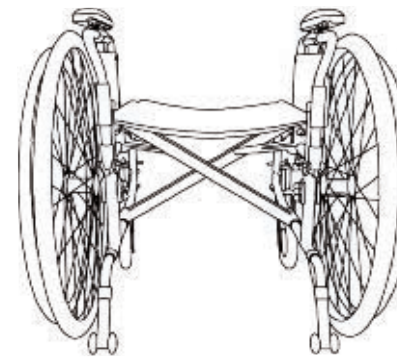
ASSEMBLY

The wheelchair comes with a pre-assembled main frame for easy assembly.

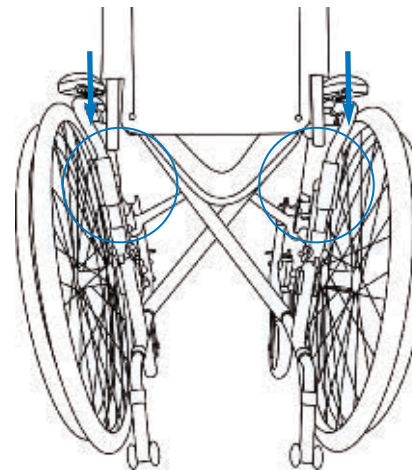
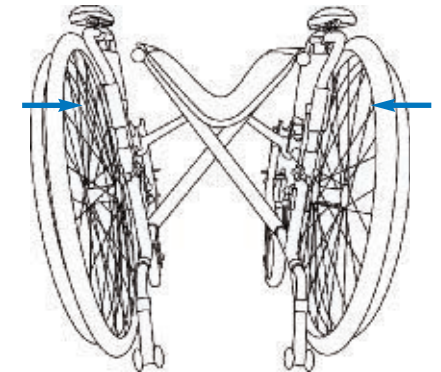
⚠ WARNING

Use only Tuffcare parts to complete this wheelchair.

ATTACHING THE BACK REST AND SEATBELT OF THE WHEELCHAIR



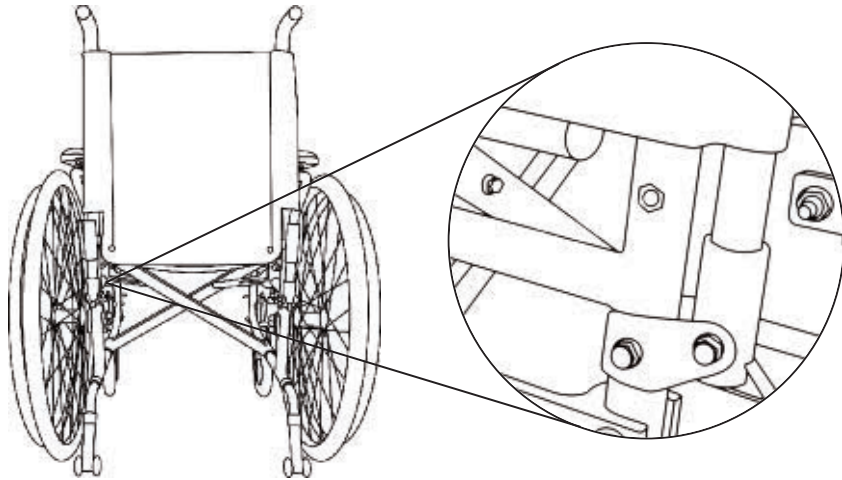
1a. To assemble the backrest section, fold the lower frame of the wheelchair horizontally, pushing the connecting pipes closer together.



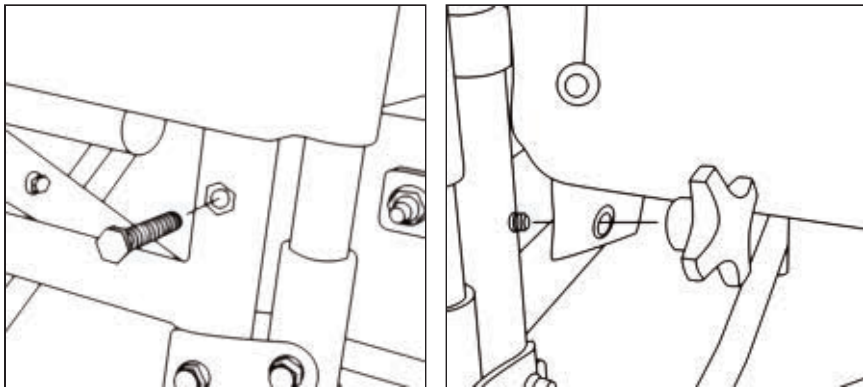
1b. After folding the chair, align the back posts with the back connecting pipes.



scan for assembly video

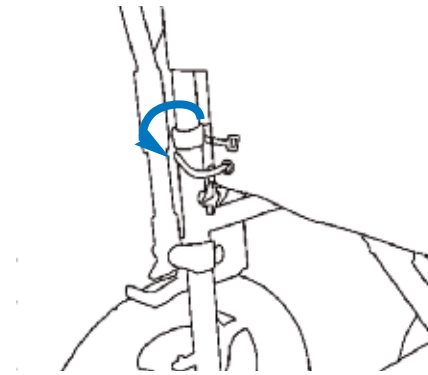


1c. Insert the back posts into the connecting pipes. Adjust the back upholstery to the user's preferred height, line up the screw holes on the back post to the hex hole on the connecting pipe.



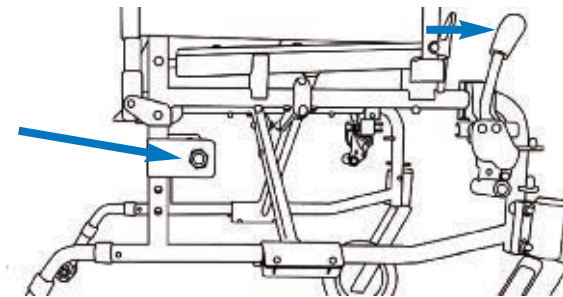
1d. Insert the mounting bolt from out side of the frame. The hole on the outside is a hexagon shape, the hexagon head of the bolt should sit in the space nicely. Secure on other side of the bolt with a black cross knob.

1e. If the seat belt is needed, insert the brass loop holes at the end of the seat belt between the backpost bolt and knob and tighten.

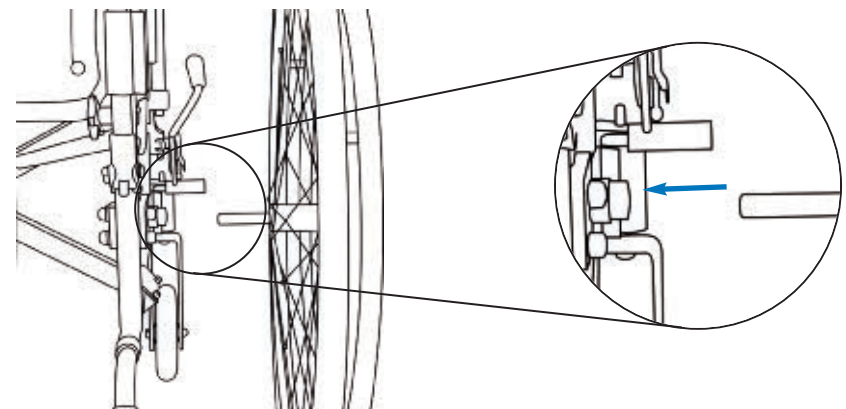


1f. To keep the lower part of back upholstery from moving, secure the bottom part of it to the frame with the two velcro cable ties provided.

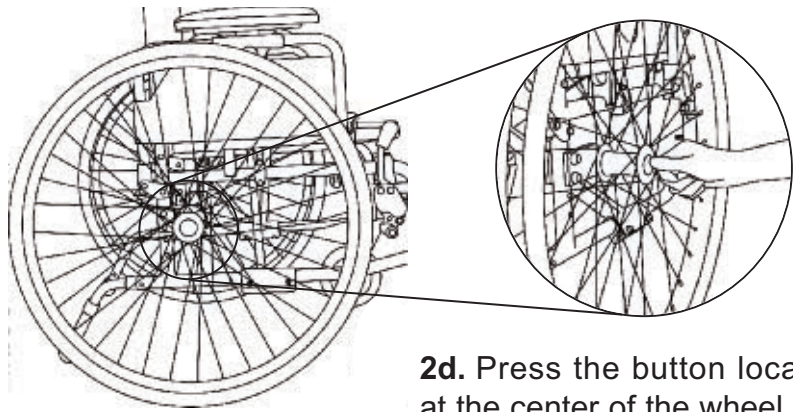
ATTACH OR DETACH THE REAR WHEELS FROM THE WHEELCHAIR



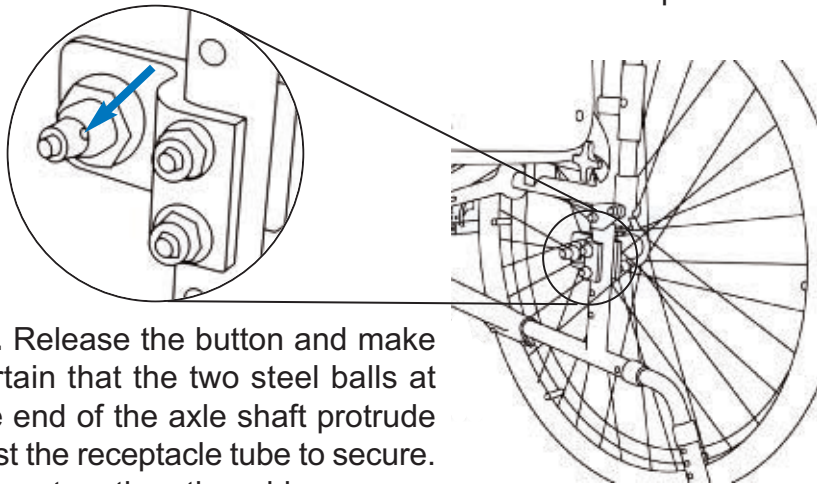
2a. Locate the rear wheel axle receptacle hole on the side of the wheelchair below the back post. * Make sure the wheel lock is disengaged to avoid obstacle to the wheel.



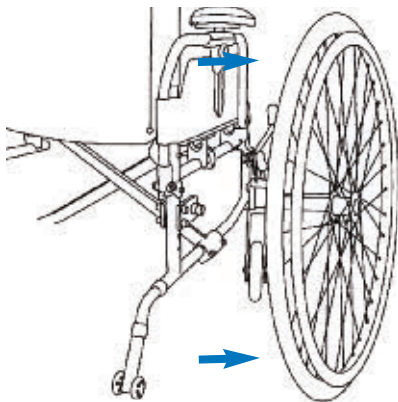
2b. Align the quick release axle with the connecting receptacle hole on the wheel mounting plate.



2d. Press the button located at the center of the wheel and insert it into the receptacle hole.

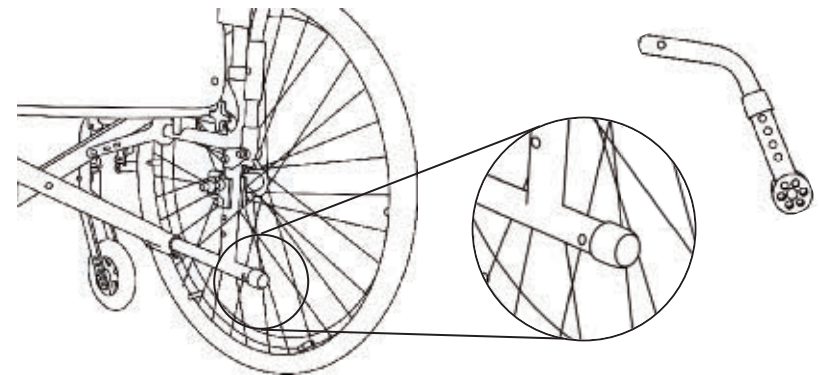


2e. Release the button and make certain that the two steel balls at the end of the axle shaft protrude past the receptacle tube to secure. Repeat on the other side.

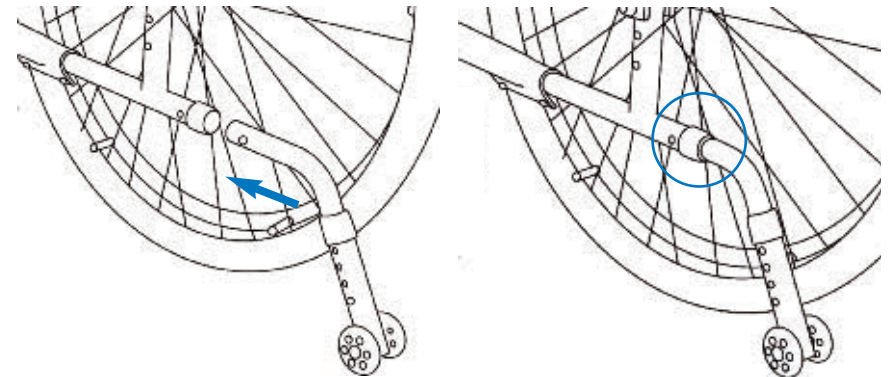


2f. Press the button located at the center of the wheel while pulling the wheel outwards to detach.

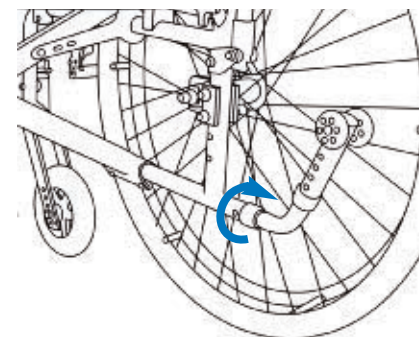
ATTACH THE ANTI-TIPPERS TO THE WHEELCHAIR



3a. Locate the end pipe of the back wheel on the back of the wheelchair.



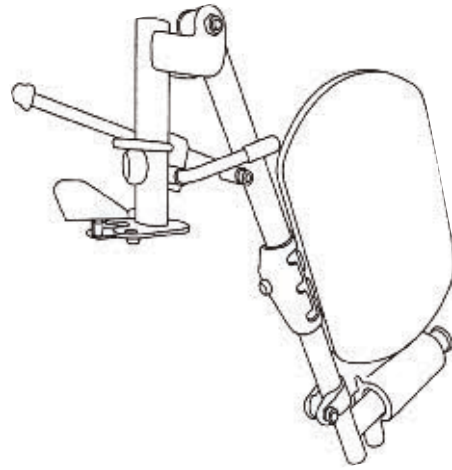
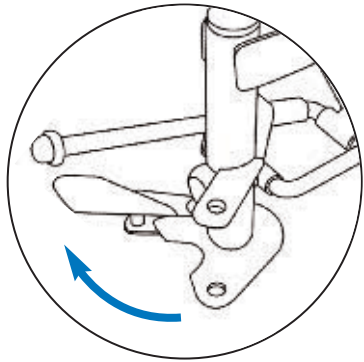
3b. Insert the anti-tipper into the end pipe until the locking pins are locked in place. Repeat on the other side.



3c. When anti-tipper is not needed, press and hold the locking pins on both sides of the end tube, rotate the anti-tipper wheels upwards to move it out of the way.

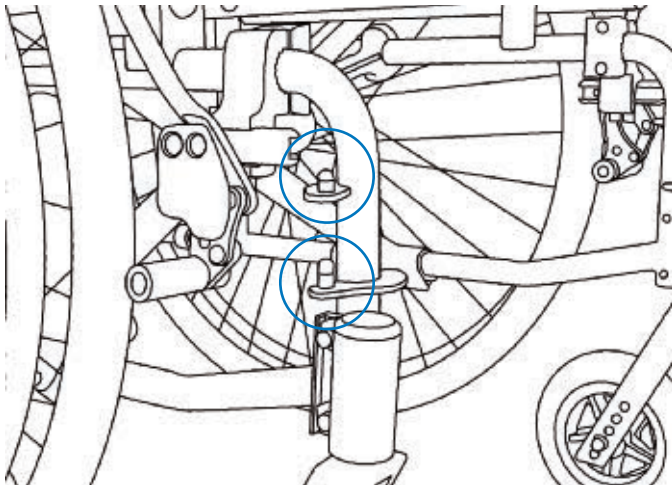
ATTACHING THE FRONT RIGGING TO THE WHEELCHAIR

4a. Locate the detachable legrest or footrest.

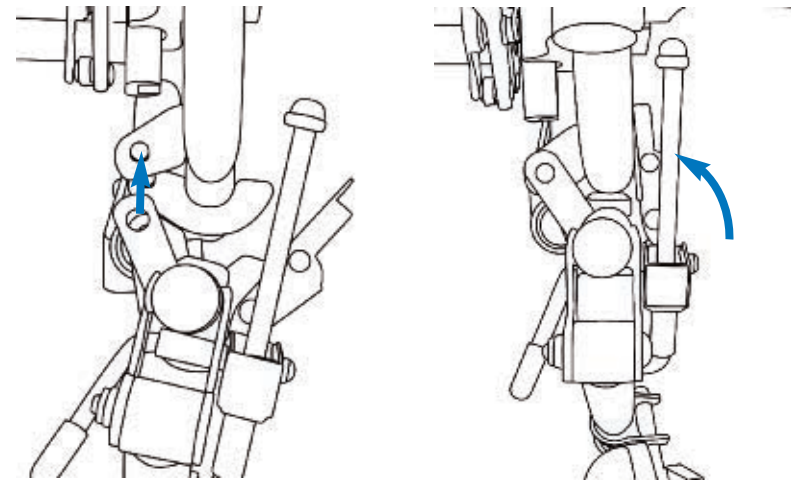


4b. Locate the connecting tab on the detachable legrest or footrest with the two connecting pin holes.

4c. Open the connecting metal tab on the front rigging.

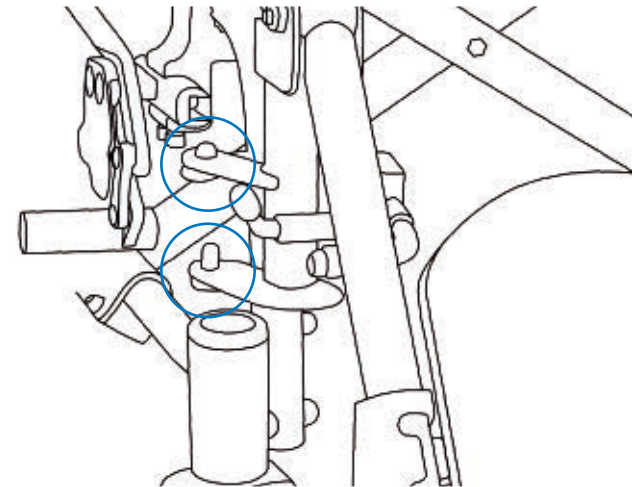


4d. Locate the two connecting pins on the wheelchair above the caster wheels.



4e. Align the pin holes on the front rigging with the connecting pins on the wheelchair main frame.

4f. Connect the pins on the wheelchair with the holes on the front rigging and close the metal tab around the wheelchair lower mounting bracket.

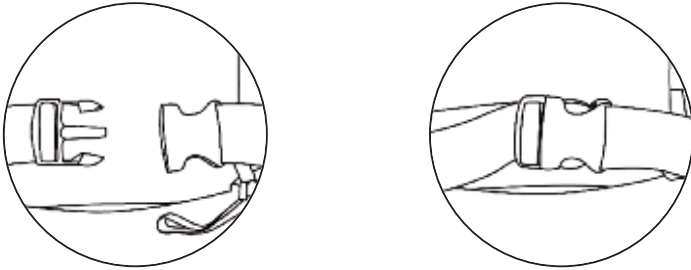


4g. Make sure the 2 mounting tabs on front rigging seat flat with the mounting bracket on the wheelchair frame, and the pin holes are inserted to the mounting pins.

ADJUSTMENTS

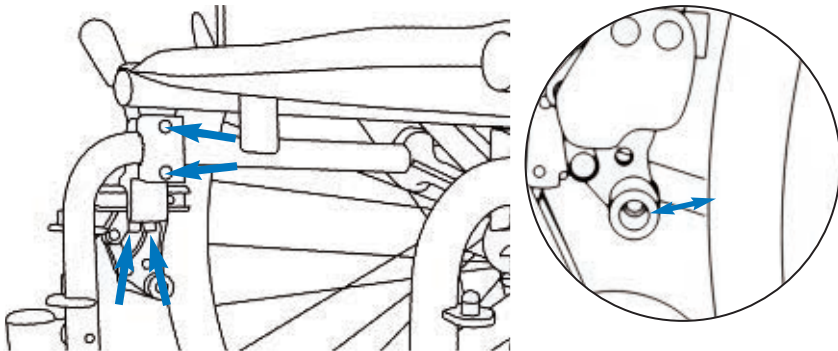
USING THE SEATBELT

To engage the seatbelt, push the fork inside the clasp. Press the fork tabs in the clasp to open the seatbelt.

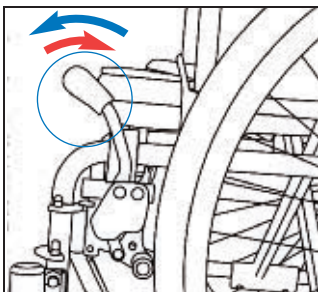


Adjust the tension of the seatbelt accordingly by pulling on the end strap on the fork side.

USING THE WHEEL BRAKES



1. Adjust the brake by loosening the holding screws on the inner side of the frame. Position the brake till the brake pad maintain a 3/4" space from the wheel, then fasten the screws.



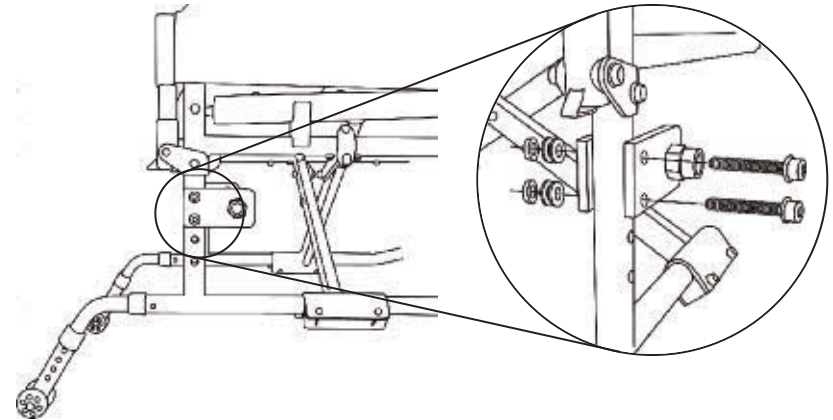
2. Locate the handles on either side of the wheelchair in front of the wheels.

3. Push the handle bar on the brake forward to activate the wheel brakes, pull back to release brake.

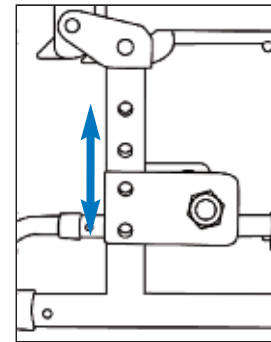
ADJUSTING THE SEAT HEIGHT

Rise the seat height by reposition the rear wheel mounting plate.

Note: When rising the seat height, front caster need to be exchange with 8" casters.

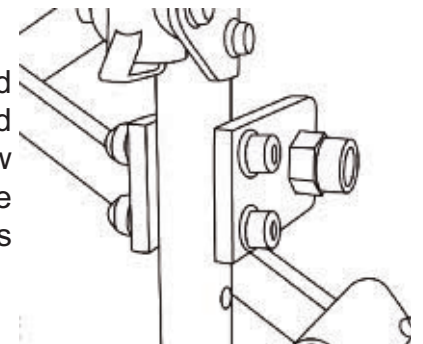


1. Locate the quick release axle mounting plate on the main frame of the wheelchair. Remove the two screws holding the mounting plate to the frame.



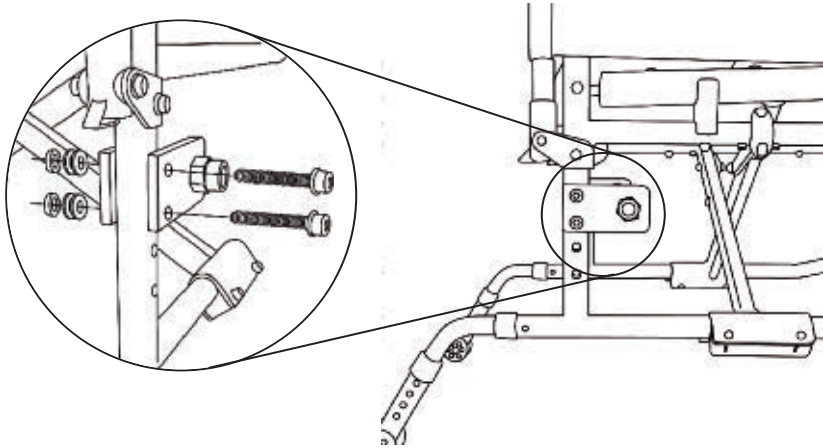
2. Adjust the plate by positioning it on the mounting tube of the wheelchair to the preferred height. The seat height is at 18" by default, moving the plate to the middle position will raise the seat to 19" , move it to the lower setting will raise the seat to 20".

3. When adjusted to the preferred height, replace the screws and tightly seal close with the screw nuts and washers. Repeat on the other side and reinsert the wheels into the knob.

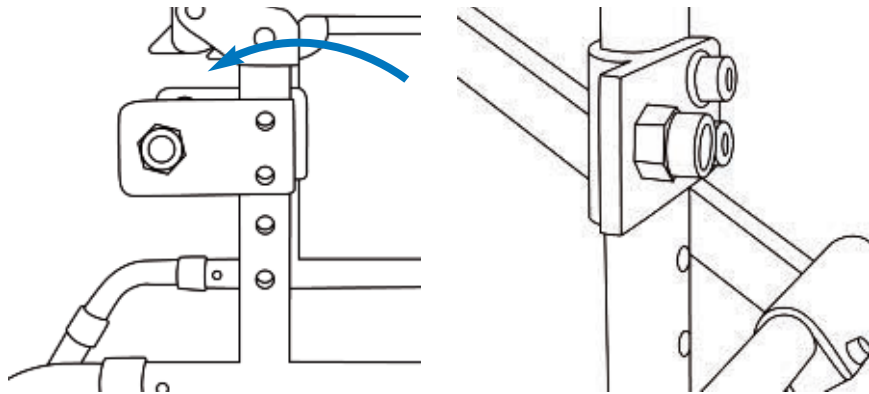


ADJUSTING REAR WHEEL FOR AMPUTEE

Note: This process adds 4" to the distance between the front and rear wheel, increase stability to the base.



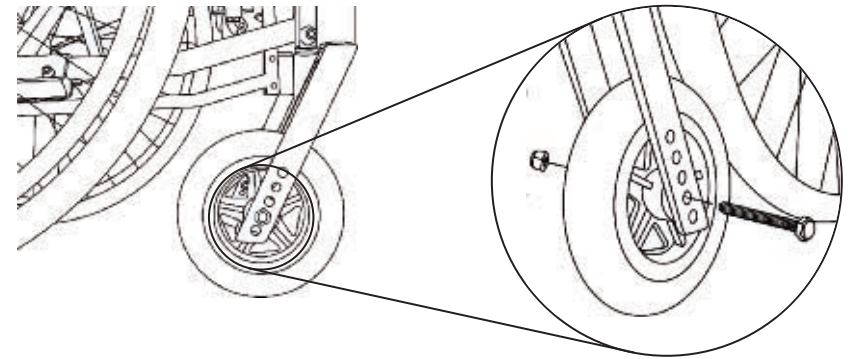
1. Locate the quick release axle mounting plate on the main frame of the wheelchair. Remove the two screws holding the mounting plate to the frame.



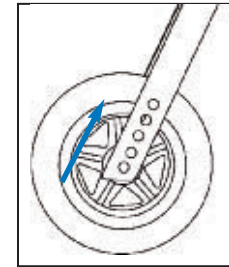
2. Flip the mounting plate facing back of the frame.

3. Then replace the screws and tightly seal close with the screw nuts and washers. Repeat on the other side and reinsert the wheels into the knob.

ADJUSTING CASTER HEIGHT OR REPLACING

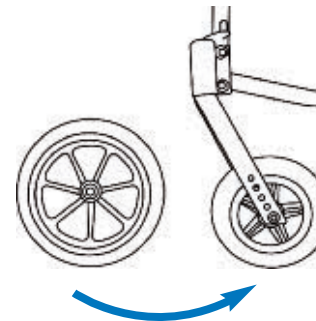
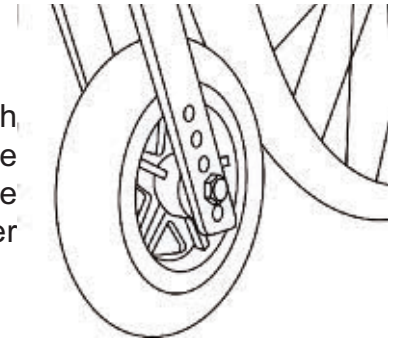


1. Locate the caster wheel in the front of the wheelchair and remove the screw nut and screw from the fork of the caster wheel.



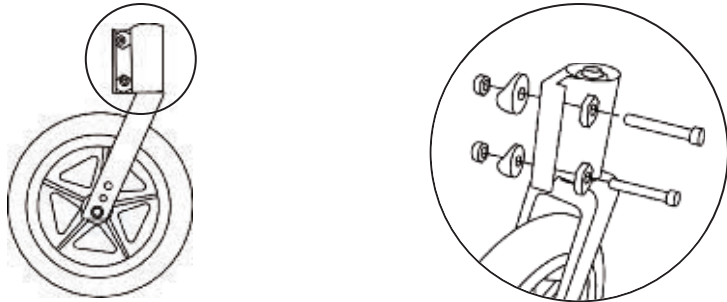
2. After removing the screw, adjust the caster wheel fork to the preferred height.

3. Line up the caster wheel fork with the caster wheel and reinsert the screw, tightly sealing it with the screw nut. Repeat on the other side.

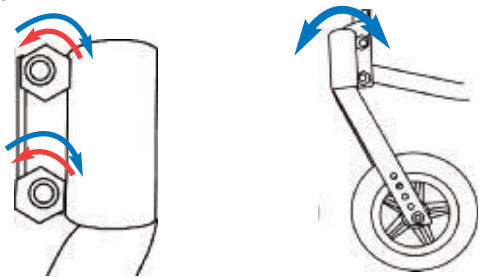


Note: When rising the seat height, replace the 6 inch front caster wheel with the optional 8 inch front caster wheel by following the previous screw removal steps.

ADJUSTING THE ANGLE OF THE CASTER WHEEL

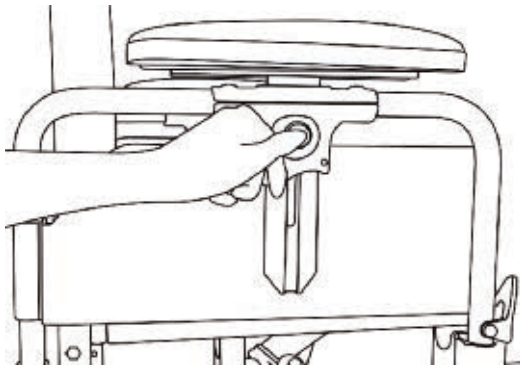


1. The degree of the caster wheel angle can be adjusted by removing the screw from the caster stem and rotating the hexagonal dial plate.

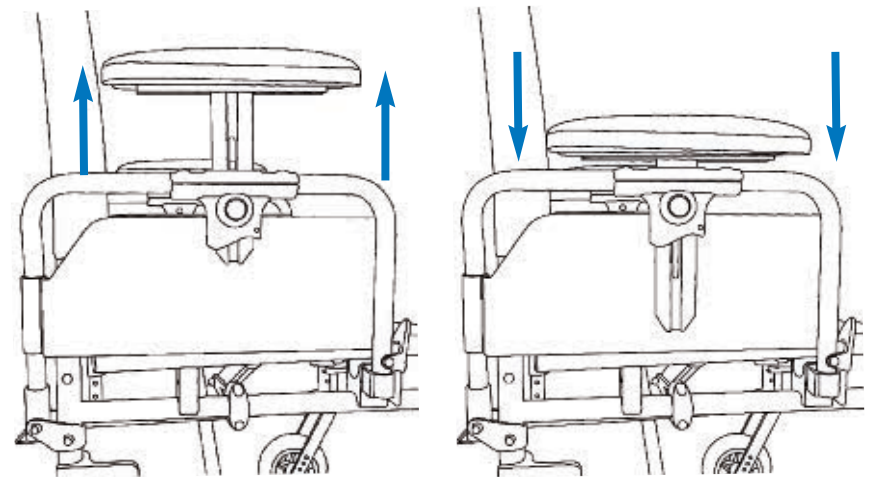


2. Rotate the hexagonal dial plate to change the caster to the preferred angle and screw tightly close.

ADJUSTING THE HEIGHT OF THE ARM RESTS

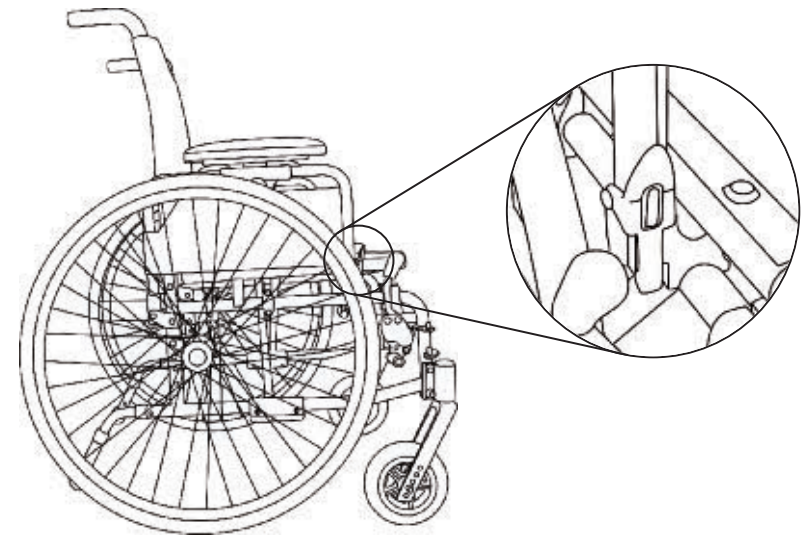


1. Locate the release button on the side of the side panel below the armrest.

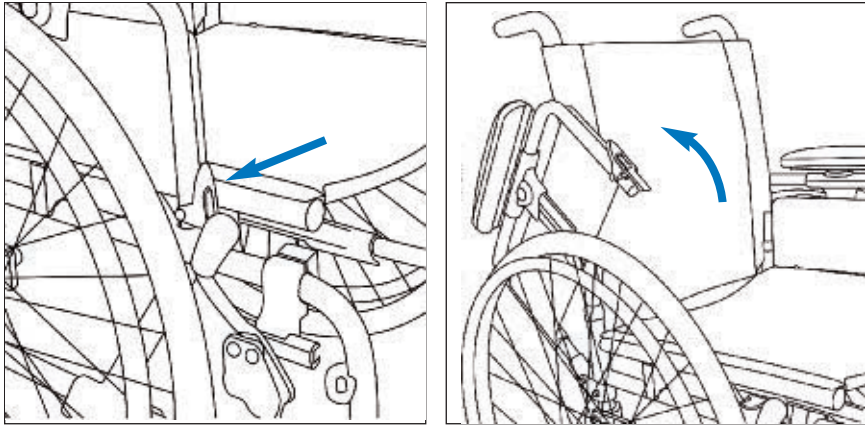


2. While pressing the button, pull up or push down the arm pad to the preferred height. Once the arm height is adjusted, release the button to secure the arm in place.

USING THE SWINGBACK ARMS



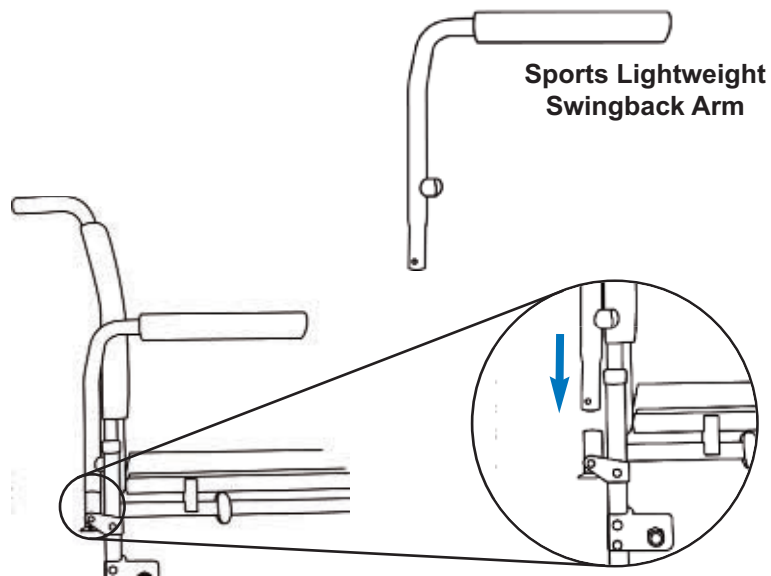
1. Locate the arm lock of the swingback arm at the bottom of the arm, in between the seat and the wheel lock.



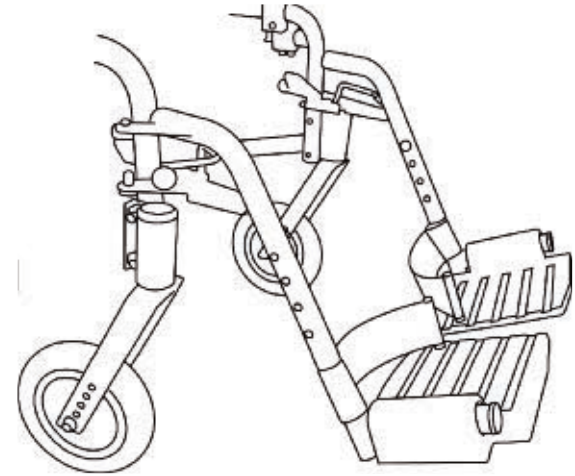
2. Press the tab around the top to release the arm from its receptacle.

3. Once the arm is released from locking, lift up the arm and swing it backwards. To put back in place, push the swingback arm back down and line up with arm receptacle and click it in place.

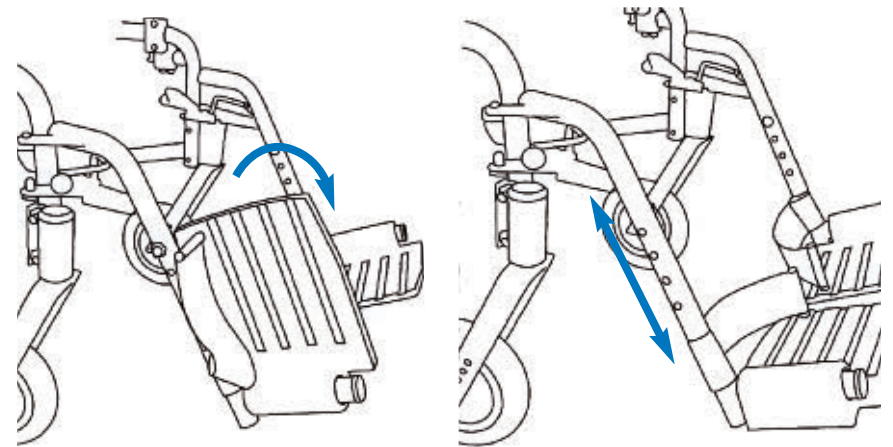
Note: The adjustable height swingback arm can be replaced with the optional sports lightweight swingback arm.



USING THE FOOTREST



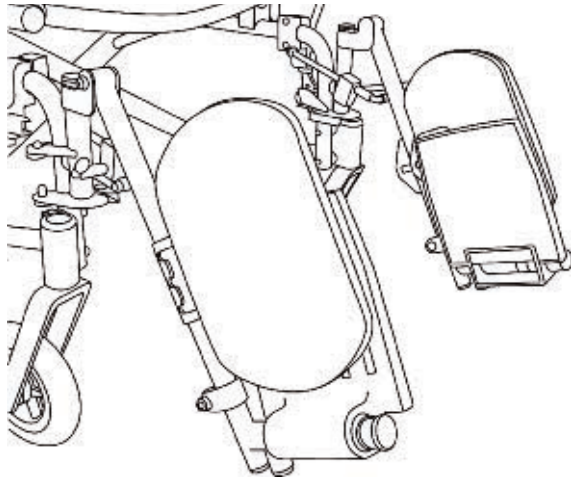
1. To use the footrest, locate the front rigging in the front of the wheelchair.



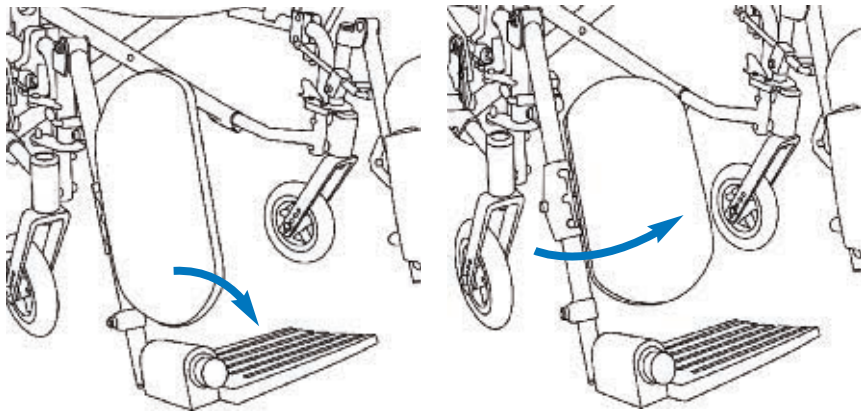
2. Flip down the footplate at the bottom.

3. Measure the user's lower leg length from knee to heel, and adjust the high of the footplate to match. Maintain one's thigh parallel to the seat for comfort.

USING THE LEGREST



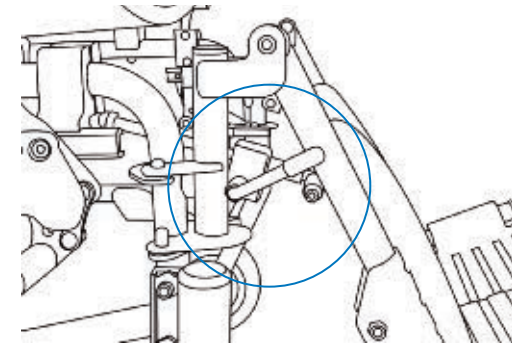
1. To use the legrest, locate the front rigging in the front of the wheelchair.



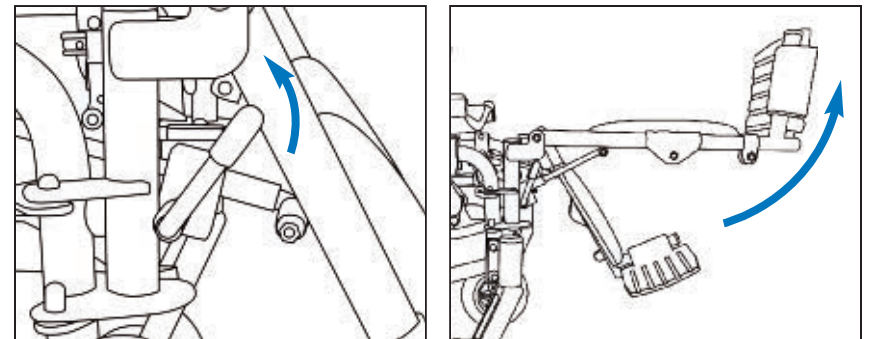
2. Flip down the footplate at the bottom, then flip open the calf pad.

3. Measure the user's lower leg length from knee to heel, and adjust the high of the footplate to match. Maintain one's thigh parallel to the seat for comfort.

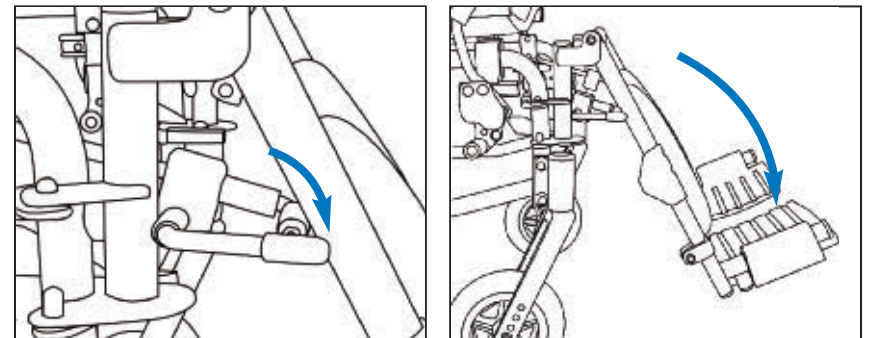
4. Adjust the height of the calf pad to sit in the middle of one's calf.



5. To elevate the height of the legrest, locate the angle lever on either side of the legrests.

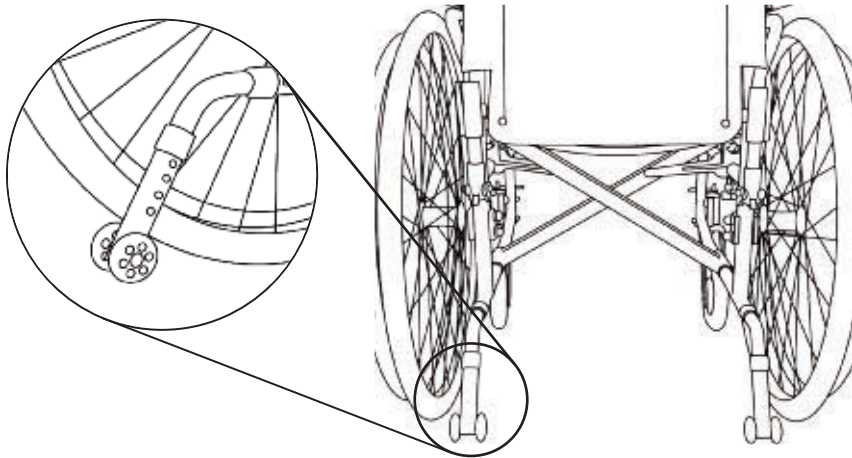


6. Pull the lever upward to lift the legrest by the footplate to the preferred angle.

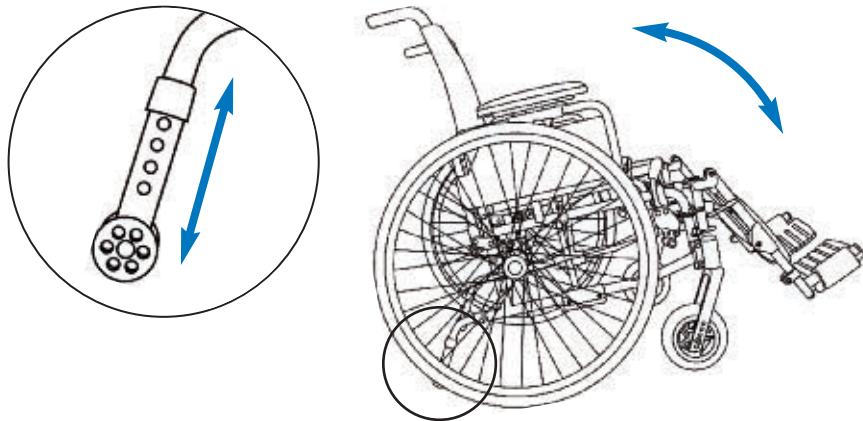


7. Push the handle downward and gently lower the legrest to the preferred angle.

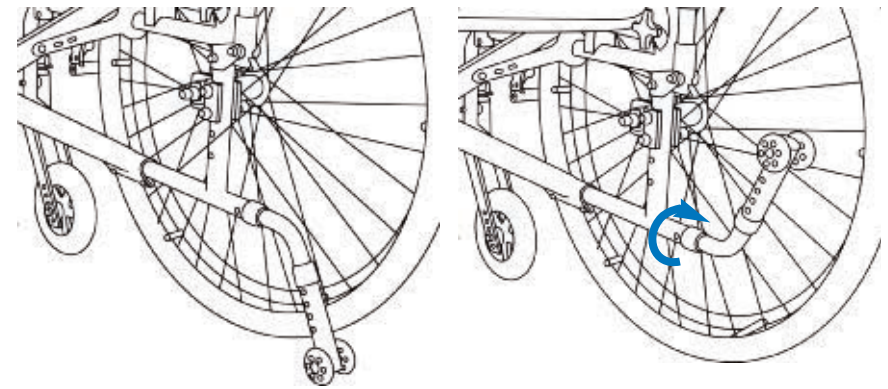
USING THE REAR ANTI-TIPPER



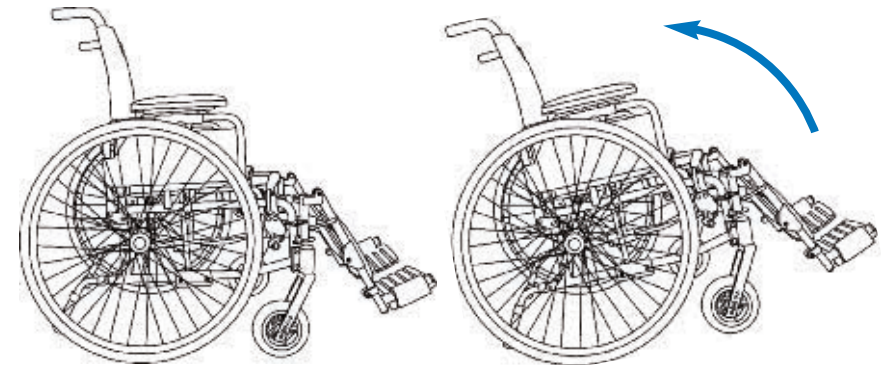
1. The anti-tipping wheels of the wheelchair are located at the back of the wheelchair, adjacent to the main wheels. These are used to prevent tipping over backwards when going up ramps or inclines.



2. To adjust the tipping height of the wheelchair, press the two release buttons on the telescoping lower tube, then adjust the height of the lower tube so that wheel is within 1-1/2" to 2" off the ground.



3. For active users who don't require the assist of the anti-tipper. Press and hold the locking pins on both sides of the end tube, rotate the anti-tipper wheels upwards to move it out of the way.



4. To use the anti-tipper when going up ramps or inclines, lean the chair backwards and balance on the back wheels. If there is no assistant for the patient, the patient must lean forward in wheelchair while using the hand bars on the wheels to go up a ramp or incline.

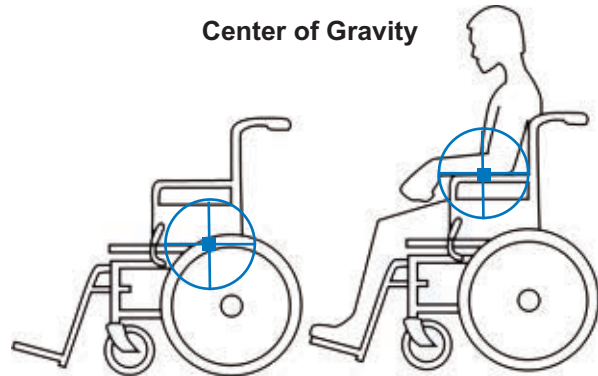
⚠ WARNING

DO NOT attempt to transfer until the user is assessed by a qualified professional. Please thoroughly read and fully understand the instructions in this Owner's Manual.

OPERATION

CENTER OF GRAVITY

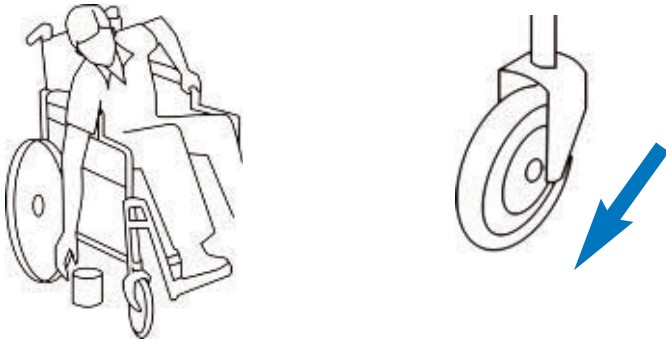
When reaching, bending or transferring in and out of the wheelchair, a change in the weight distribution will occur in the wheelchair. To assess safety limits while using the wheelchair, practice reaching, bending and transferring in the presence of an attendant before independent, active use of the wheelchair.



When performing reaching, bending, or transferring in or out of the wheelchair, it is important to use the casters to maintain stability and balance.

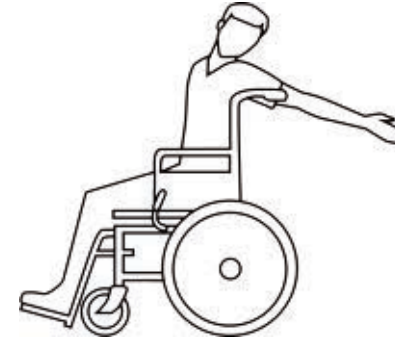
REACHING, LEANING AND BENDING (FORWARD)

Extend the casters away from the main wheels and lock the them. Do not attempt to retrieve an object if moving forward in the wheelchair seat or if reaching between your knees is necessary.



REACHING AND BENDING (BACKWARDS)

Position the wheelchair as close to the object as possible and extend the casters away from the main wheels, to create longest possible wheelbase. Only reach back as far as your arm will extend without changing your seating position.



TIPPING

When tipping the wheelchair, an attendant must grasp the back of the wheelchair. They should tell the wheelchair occupant to lean back. Make sure the hands and feet of the occupant are clear of all wheels and pinch points.



COPING WITH EVERYDAY OBSTACLES

Knowing and learning how to manage your wheelchair can help with coping with everyday obstacles. Keep in mind your center of gravity to maintain stability and balance.

KNOW YOUR OWN CAPABILITIES AND LIMITATIONS

Know your capabilities and limitations regarding strength and endurance before attempting an incline or decline on the wheelchair. Practice with a healthcare professional before you attempt any inclines, declines, curbs, or ramps. Before you proceed onto such obstacles, always inspect for hazards like holes, slippery or uneven surfaces, or other obstacles. If you cannot see the entire ramp, have someone inspect it for you.



CURBS

Curbs should only be attempted with the help of an attendant. The following are instructions are for negotiating curbs. It is important to develop safe techniques best suited to your abilities with the help of a healthcare professional. Curbs, steps and stairways are dangerous obstacles for any wheelchair user. Find alternative way around such obstacles to ensure safety of the operator. Curb cuts, ramps and designated disabled elevators are available in most areas now.



MAINTENANCE

DETECTING WEAR AND DAMAGE

With routine use, nuts and bolts on the chair can become loose. To ensure safe continuous operation of the wheelchair, it is important to inspect the product EVERY MONTH for loose nuts and bolts and re-tighten as appropriate. Check EVERY 6 MONTHS that the wheels, front forks, frame, and the upholstery are in good condition.

CHECK BRAKE FOR FUNCTIONING

Always test the brakes EVERY MONTH by applying the brakes to the locked position, and then trying to push the wheelchair. If the brakes do not lock the wheels, the brakes need to be adjusted. If adjustment does not tighten the brakes, DO NOT use the wheelchair.

LUBRICATING THE WHEELS

Make sure that ALL wheels are free of hair, lint, and other debris. A light grease lubricant may be applied to the ball bearing and swivel of the casters every three months.

CLEANING THE WHEELCHAIR

Use soapy water and a soft cloth to clean the surface of the wheelchair. Wipe off any moisture after cleaning. Using abrasive clothes or other products can cause grates.

PERFORMING REGULAR MAINTENANCE

Regular maintenance of the wheelchair and accessories is required to ensure proper operation. The casters and axle bolts are also require check-ups for proper tightness.

LIMITED WARRANTY

Keep For Your Records

Name of dealer where you purchased:

Dealer's phone number where you purchased

Serial number (if applicable):

Please keep this information for your records to help us in assisting you if you need a part replaced.

Thank you.

West Coast Distribution

East Coast Distribution

Tel 800-367-6160

Tel 800-548-6596

The warranty below has been drafted to comply with Federal Law applicable to products manufactured after July 4, 1975. This warranty is extended only to the original purchaser/consumer (or dealer non-consumer who does not buy for resale).

Tuffcare® warrants that it's Compact series wheelchairs will be free from defective workmanship and materials for three years following the date of original purchasing date with the following exceptions: All welds are warranted for the life of the wheelchair. The tires on the wheelchairs are warranted for one year. The warranty period commences on the original purchasing date. If within such warranty period any such product proven to Tuffcare® satisfaction to be defective, such product will be repaired or replaced at Tuffcare® option.

Tuffcare® sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement. This warranty does not include any labor charges incurred in replacement parts installation. Freight charges to the factory are at the expense of the consumer or seller. Return freight charges will be prepaid by Tuffcare®. For warranty service, please contact the authorized dealer from whom you purchased your Tuffcare® products. In the event that you do not receive satisfactory warranty service, please write directly to: Tuffcare®: 4977 La Palma Ave, Anaheim, California, 92807.

DO NOT RETURN PRODUCTS WITHOUT PRIOR AUTHORIZATION.

LIMITATIONS AND EXCLUSIONS: The foregoing warranty shall not apply to products subjected to negligence, abuse, misuse, improper operation, improper maintenance, improper storage or damages beyond Tuffcare® control. The evaluation will be solely determined by Tuffcare®. The warranty shall not apply to problems arising from normal wear, or failure to follow instructions, or if parts are not manufactured by Tuffcare®, or do not comply with original equipment specifications that are added to Tuffcare® product.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND SHALL NOT EXTEND BEYOND THE DURATION OF THE EXPRESS WARRANTY PROVIDED HEREIN. TUFFCARE® SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

This warranty gives you specific rights and you may also have other legal rights which vary from state to state. Some states do not allow the exclusion or limitations of incidental or consequential damage, or limitation on how long an implied warranty