LIBERTY *FT*

USER INSTRUCTION MANUAL & WARRANTY

Ki Mobility

I. INTRODUCTION

Thank you for purchasing a Liberty FT wheelchair!

Please do not use this wheelchair without first reading this entire manual. BEFORE riding, you should be trained in the safe use of this chair by an Assistive Technology Practitioner (ATP) or clinical professional.

If you have any questions or concerns about any aspect of this wheelchair, this manual, or the service provided by us or your retail supplier, please do not hesitate to contact us by telephone at:

715-254-0991

In writing at:

Ki Mobility
5201 Woodward Drive
Stevens Point, WI 54481
U.S.A

Via email at:

sales@kimobility.com

Or via our Authorized EU Representative:

James Leckey Design
19C Ballinderry Road
Lisburn
BT28 2SA
Phone: 0800 318265 (UK) or 1800 626020 (ROI)
www.leckey.com

Ki Mobility
Better by Design

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III. NOTICE - READ BEFORE USE

A. Your Safety and Stability

Ki Mobility manufactures many different wheelchairs that might meet your needs. You should consult an Assistive Technology Professional when selecting which model would best meet your particular requirements and how the wheelchair should be set up and adjusted. Final selection of the type of wheelchair, options and adjustments rests solely with you and your medical professional. The options you choose and the set-up and adjustment of the wheelchair have a direct impact on its stability. Factors to consider that affect your safety and stability are:

a. Your personal abilities and capabilities including strength, balance and coordination.

b. The types of hazards and obstacles you might encounter during your day.

c. The specific dimensions, options and set up. In particular, the seat height, seat depth, seat angle, back angle, size and position of the rear wheels and size and position of the front casters.

IV. WARNINGS

A. Signal Words

Within this manual you will find what are referred to as “Signal” words. These words are used to identify and convey the severity of varying hazards. Before using this chair you, and each person who may assist you, should read this entire manual. Please note the Signal word and consider any warnings, cautions or dangers. Make sure to follow all instructions and use your chair safely. The Signal word refers to a hazard or unsafe practice that may cause severe injury or death to you or to other persons. The “Warnings” are in two main categories, as follows:

WARNING – Warning indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.

CAUTION – Caution indicates a potentially hazardous situation which, if not avoided, could result in injury or damage to your wheelchair.

These signal words will be placed throughout the manual, where appropriate to highlight the hazardous situation. Refer to the following list for hazardous situations that will apply to the general use of this wheelchair.

⚠ WARNING ⚠

WARNING: Failure to comply with all of the instructions in this manual or using the wheelchair in a manner not stated in this manual could result in serious injury or death.

IV. WARNINGS

B. General Warnings

⚠ WARNING ⚠

WARNING: Do not exceed weight limit of chair:

	Standard
Liberty FT	250 lbs (113 kg)

Limits refer to combined weight in pounds of user and all items carried. Exceeding weight limit may damage your chair or may increase your risk of falling or tipping over. A tip-over or fall could result in serious injury or death.

- Do not use chair for weight training. The movement of the additional weight alters the chair's center of gravity increasing your risk of tipping over. A tip-over could result in damage to your chair or in serious injury or death.
- Keep tires inflated to correct tire pressure. Using a chair without properly inflated tires may affect its stability, increasing your risk of tipping over. A tip-over could result in damage to your chair or in serious injury or death to you or others. Correct tire pressure is indicated on the side wall of the tire. Your wheelchair provider can determine if your tires are inflatable if you are unsure.
- Underinflated tires may cause your wheel locks to not function properly. Failure of the wheel locks to hold your chair may result in a loss of control or fall. This can result in serious injury or death.
- Avoid ramps or slopes inclined more than 9 degrees. Steep slopes increase your risk of falling or tipping over. A tip-over or fall could result in damage to your chair or in serious injury or death to you or others. Do not use chair on ramps or slopes tilted more than 9 degrees (about 2 inches rise/drop per linear-foot): neither up/down nor across.
- Avoid inclined surfaces slick or coated with ice, oil or water. Slippery inclines could result in falling or tipping over. A tip-over or fall could result in damage to your chair or in serious injury or death.
- Avoid leaning over the side or back of your wheelchair to extend your reach. Leaning over chair could change its center of gravity and cause an unstable situation resulting in a fall or tip-over. A tip-over or fall could result in damage to your chair or in serious injury or death.
- Do not lift wheelchair by its removable parts while occupied. Lifting a wheelchair by removable parts - e.g. armrests or footrests - while occupied could cause user to fall or lose control. A fall or loss of control could result in damage to your chair or in serious injury or death.

⚠ CAUTION ⚠

CAUTION: Avoid overtightening bolts and hardware that attach components to the frame. Over-tightening could cause damage to the chair; affecting its durability and performance.

NOTE: If you are unsure how to properly tighten bolts or hardware, consult your authorized supplier.

IV. WARNINGS

C. Positioning Belts or Harnesses

⚠ WARNING ⚠

WARNING: Never leave a user who cannot maintain their own seated posture unattended when using positioning belts or harnesses. The user may slide down and become entangled in the belt or harness which may result in severe injury or death.

Positioning belts are designed to assist with proper positioning within the wheelchair. They are not designed as seat belts. Use positioning belts ONLY to help support the user's posture. Misuse of positioning belts may result in severe injury or death.

- Ensure the user does not slide underneath the positioning belt in the wheelchair seat. If this occurs, the user's breathing may be hampered causing death or serious injury.
- The positioning belt should have a snug fit; tight enough to hold their position, but not so tight as to restrict breathing. You should be able to slide your hand between the positioning belt and the user.
- NEVER Use Positioning Belts:

  a. As a restraint. A restraint requires a doctor's order.

  b. On a user who is unconscious.

  c. As an occupant restraint in a motor vehicle. A positioning belt is not designed to replace a seat belt that is attached to the frame of a vehicle, which would be required of an effective seat belt. During a sudden stop, with the force of the stop, the user would be thrown forward. Wheelchair seat belts will not prevent this, and further injury may result from the belts or straps. See Transit Use (V. Set Up & Use of Your Wheelchair - Section B).

D. Riding Your Wheelchair

Your chair is designed for use on solid, flat surfaces such as concrete, asphalt and flooring. Use caution if you push your wheelchair on a wet or slick surface.

⚠ WARNING ⚠

WARNING: Avoid pushing or using your chair in sand, loose soil or over rough terrain. Use over such surfaces could cause a loss of stability and result in a fall or loss of control. A fall or loss of control could result in damage to your chair or in serious injury or death.

- Avoid using your wheelchair on a public road. Use of a wheelchair on a public road could result in serious injury or death. Wheelchairs are not legal for use on public roads in most states. If you find you must use a chair on a public road, be alert to the danger of motor vehicles.
- Avoid obstacles and road hazards. Obstacles and hazards - e.g. potholes, broken pavement - could cause a fall, tip-over or loss of control. A fall, tip-over, or loss of control could result in damage to your chair or in serious injury or death.
- Do not ride your wheelchair on an escalator. Use of a wheelchair on an escalator could cause a fall, tip-over or loss of control. A fall, tip-over or loss of control could result in damage to your chair or in severe injury or death.

IV. WARNINGS

D. Riding Your Wheelchair (Continued)

To minimize these risks:

1. Keep a lookout for danger-scan the area well ahead of your chair as you ride.
2. Make sure the floor areas where you live and work are level and free of obstacles.
3. Remove or cover threshold strips between rooms.
4. Install a ramp at entry or exit doors. Make sure there is not a drop off at the bottom of the ramp.
5. To Help Adjust Your Center of Balance:
    a. Lean your upper body FORWARD slightly as you go UP over an obstacle.
    b. Press your upper body BACKWARD as you go DOWN from a higher to a lower level.
6. If your chair has anti-tip tubes, lock them in place before you go UP over an obstacle.
7. Keep both of your hands on the handrims as you go over an obstacle.
8. Never push or pull on an object (such as furniture or a doorjamb) to propel your chair.
9. Do not operate your wheelchair on roads, streets or highways other than marked cross walks.
10. Do not attempt to push over obstacles without assistance.

E. Power Drives

⚠ WARNING ⚠

WARNING: Do not attach unapproved external power drive systems to your chair. Use of an unapproved external power drive system could result in mechanical failure of the chair or cause a fall, tip-over or loss of control. A fall, tip-over or loss of control could result in damage to your chair or in severe injury or death.

Ki Mobility does not recommend the installation of power drive systems on any Liberty FT wheelchair.
Liberty FT wheelchairs have not been designed or tested as power wheelchairs. If you add a power drive system to a Liberty FT wheelchair, be sure the manufacturer of the power drive system has validated and approved the combination of the power drive system and Liberty FT wheelchair as safe and effective.

F. Ascending Stairs

NOTE: Have at least two people, who have sufficient strength and skill to handle the weight of the user and wheelchair, assist when trying to go up a set of stairs in this wheelchair.

- Move the wheelchair and user backwards up the stairs.
- Position one person behind the user, one person in front. The person in front must hold onto a non-removable part of the wheelchair.
- The rear attendant tilts the chair back and they both lift together. Take one step at a time.
- This may require the anti-tips be flipped up or removed. Make sure the anti-tips are reattached or flipped back down before using the wheelchair.

IV. WARNINGS

G. Descending Stairs

NOTE: When descending a set of stairs the user should be facing forward.

- A person behind the user, who has sufficient strength and skill to handle the weight of the user and the wheelchair, should tilt the chair backward and let the chair down the stairs one step at a time on the rear wheels.
- This may require the anti-tips be flipped up or removed. Make sure the anti-tips are reattached or flipped back down before using the wheelchair.

H. Transfers

⚠ WARNING ⚠

WARNING: Be trained and assured that you can transfer on your own or have a person assist you. It is dangerous to transfer on your own. It requires good balance and agility. Be aware there is a point during every transfer when the wheelchair seat is not below you. Failure to perform a transfer properly can result in a fall that could result in severe injury or death.

A transfer requires good balance and stability. You should receive training from your therapist before attempting to do a transfer on your own.

NOTE: Before transferring out of your wheelchair every caution should be taken to reduce the gap between the two surfaces.

- Engage the wheel locks to lock the rear wheels.
- Rotate the casters forward to increase the wheelbase of the wheelchair.
- Remove or swing away the footrests.
- Have someone assist you unless you are well experienced in transfers.

I. Your Wheelchair and the Environment

⚠ CAUTION ⚠

CAUTION: Exposure to water or excessive moisture may cause the metal in the wheelchair to rust or corrode and the fabric to tear. Dry your chair as soon as possible if exposed to water.

- DO NOT USE YOUR WHEELCHAIR IN A SHOWER, POOL OR BODY OF WATER. This will cause your wheelchair to rust or corrode and eventually fail.
- Do not operate your wheelchair in sand. Sand can get into the wheel bearings and moving parts. This will cause damage and eventually will cause the wheelchair to fail.
- Make sure any ramp, slope or curb cut you may attempt to ride on is compliant with ADA guidelines. Riding across, up or down any slope that is too great may cause a loss of stability.

ADA Guidelines and more information about accessible design are available at:
http://www.ada.gov/

IV. WARNINGS

J. Modifying your Wheelchair

⚠ CAUTION ⚠

CAUTION: Your wheelchair was engineered and manufactured under strict design controls. An integral part of this process is ensuring the various components work together correctly; they have been tested to various standards to ensure quality and are approved to work together. NO ONE SHOULD MODIFY THIS WHEELCHAIR EXCEPT BY ADJUSTING IT ACCORDING TO THIS MANUAL OR BY ADDING KI MOBILITY APPROVED OPTIONS. THERE ARE NO APPROVED OPTIONS THAT INVOLVE DRILLING OR CUTTING THE FRAME BY ANYONE OTHER THAN A TRAINED KI MOBILITY ASSOCIATE. Contact Ki Mobility or an authorized Ki Mobility supplier before adding any accessories or components not provided by Ki Mobility.

K. Wheelchair Stability

⚠ WARNING ⚠

WARNING: Assure chair is stable throughout the range of tilt angle change before using. This chair is equipped with a system to vary the tilt angle of the seat frame. Make sure the chair is stable throughout the range of tilt angle change to avoid instability and a possible tip-over. A tip-over could result in damage to your chair or in serious injury or death.

NOTE: Wheelchair set up should be done only by a qualified technician.

- During set up, include any accessories you use daily.
- Chair should be readjusted with changes in your weight or how you sit.
- Use anti-tips while you acclimate to changes in your chair set up.

To ensure proper stability of your wheelchair, you must make sure the center of gravity and the wheelchairs base of support is correct for your balance and abilities. Many factors can affect these two elements:

- Seat height
- Seat depth
- Back angle
- Seat angle
- Size and position of rear wheels
- Size and position of front casters
- Any seating system components
- Tilt position

Generally, the most important factor is the position of the rear wheels for rearward stability. There are other actions than can have an adverse effect on your stability. You should consult with your wheelchair provider and clinicians familiar with your needs and capabilities in determining how this affects your use.

⚠ WARNING ⚠

WARNING: Take care when shifting your weight in your chair, adding weight to your chair or making changes to your chair. Changes to your Center of Gravity could change and affect the stability of your chair, which could result in a tip-over or a fall. A tip-over or fall could result in damage to your chair or in serious injury or death to you or to others. Changes to your Center of Gravity during your daily activities - such as dressing, carrying or reaching for objects, pushing up an incline - may occur many times a day. You should be aware of these activities and take precautions to minimize the risk of a fall, such as the use of anti-tips.

IV. WARNINGS

K. Wheelchair Stability (Continued)

⚠ WARNING ⚠

WARNING: Attempting a wheelie to get over a curb or obstacle is a hazardous maneuver. Do not attempt a wheelie unless you have been trained. This maneuever could lead to a fall. A fall could result in serious injury or death.

Some strategies to minimize your risk of falling

- Ensure anti-tips are in place and lean forward.
- Have an attendant behind you to provide assistance.

L. Aftermarket Seating

⚠ WARNING ⚠

WARNING: The installation of a cushion on a wheelchair could affect the center of gravity of the wheelchair. Changes in your center of gravity may affect your stability in your wheelchair, resulting in tipping over or falling from your wheelchair which may result in serious injury. Always review the instructions for use of your wheelchair to see if changes to the wheelchair may be needed to provide sufficient stability after adding a cushion.

- The integrity of your skin can be affected by many aspects of your daily life and medical condition, including the use of this product. Be sure to follow any skin care regimens established by your clinician. Consumers of this product should make sure their skin is inspected routinely for changes as directed by their clinician. Failure to do so could result in serious injury or death.

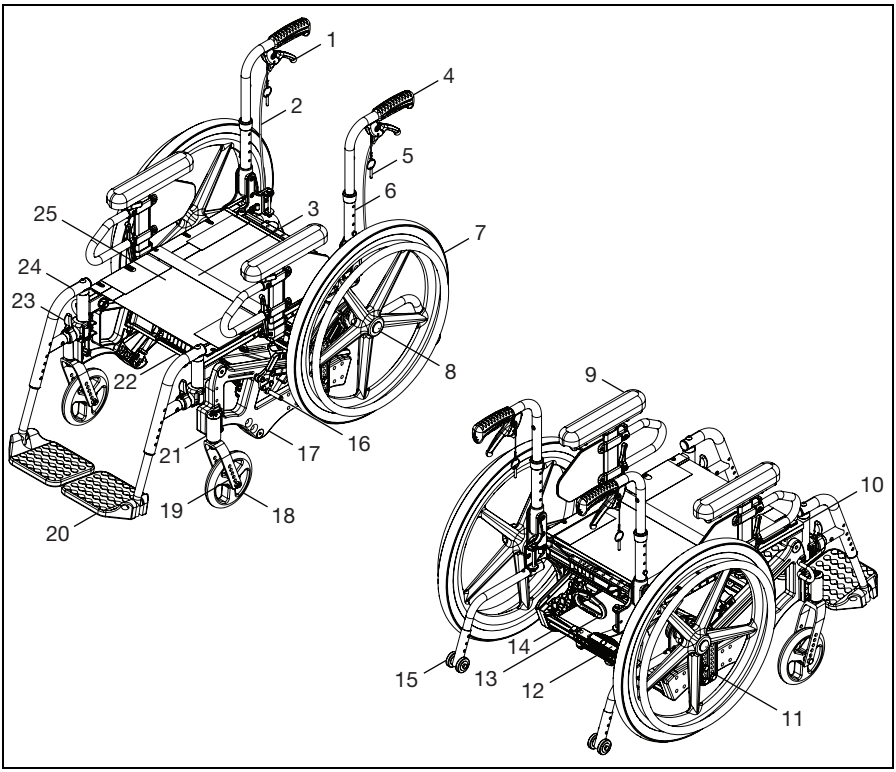
Selecting the Proper Seating Product

Ki Mobility recommends that you consult with a licensed clinician (i.e. Physician or therapist) trained in wheelchair seating and positioning before selecting any seating and positioning product. This will help ensure you receive the right product for your specific needs.

V. SET UP & USE OF YOUR WHEELCHAIR

A. Your Liberty FT & It's Parts

1. Inspect and maintain this chair. See Maintenance on page 30.
2. If you detect a problem, contact your authorized supplier immediately.
3. Have a complete inspection, safety check and service of your chair performed by an authorized supplier annually.



1. Tilt Lock Trigger
2. Tilt Cable
3. Folding Strap
4. Push Handle
5. Trigger Lock Pin
6. Back Cane
7. Rear Wheel
8. Quick Release Axle
9. Armrest
10. Base Frame
11. Axle Plate
12. Foot Pad
13. Folding Pull Handle
14. Back Brace
15. Anti-Tip
16. Wheel Lock
17. Side Frame
18. Caster Wheel
19. Caster Fork
20. Footrest
21. Caster Arm
22. Front Brace
23. Swing Away Lever
24. Swing Away Hanger
25. Seat Upholstery

V. SET UP & USE OF YOUR WHEELCHAIR

B. Transit Use

⚠ WARNING ⚠

WARNING: Never use this wheelchair as a seat in a motor vehicle unless it has been equipped with the Transit Option. It is always safest to transfer out of your wheelchair onto a seat in a motor vehicle with appropriate seat and shoulder belts. Using this wheelchair as a seat in a motor vehicle, if not equipped with the transit option, could result in serious injury or death.

The Liberty FT wheelchair equipped with the Transit Option has been tested to and passed the RESNA WC-4:2012, Section 19: Wheelchairs used as seats in motor vehicles and ISO 7176-19:2008 Wheelchairs -- Part 19: Wheeled mobility devices for use as seats in motor vehicles. RESNA and ISO standards are designed to test the structural integrity of the wheelchair as a seat for use in a motor vehicle. These standards are also designed to create compatibility with Wheelchair Tie-down and Occupant Restraint Systems (WTORS).

Not all configurations of the Liberty FT wheelchairs are compatible with the Transit Option. Ki Mobility manages the configuration and does not offer the Liberty FT wheelchair except in compatible configurations. If you make changes to your Liberty FT wheelchair after you receive it, you should contact your wheelchair provider or Ki Mobility to make sure it is appropriate to continue to use your wheelchair as a seat in a motor vehicle.

Aftermarket seating may have replaced the original equipment seat and back support designed and tested as part of the Transit Option. Your wheelchair provider should tell you if the seating they provided is original equipment or replacement aftermarket seating. A complete system of wheelchair frame, seating, Wheelchair Tie-down and Occupant Restraint Systems and a properly equipped motor vehicle, that have all complied with the standards mentioned in this section, should be in place before using a Liberty FT wheelchair equipped with the Transit Option as a seat in a motor vehicle.

When using your wheelchair as a seat in a motor vehicle you should always observe the following instructions:

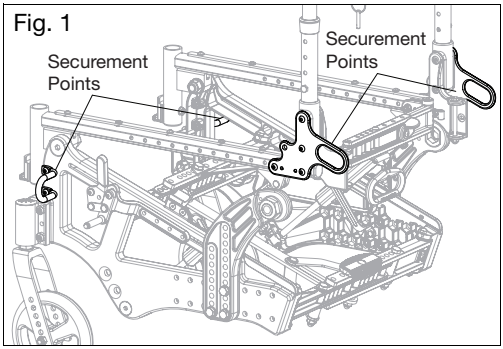
- The rider must be in a forward-facing position.
- The rider and all items carried must not weigh more than 250 lbs (113 kg).
- Backpacks and pouches should be removed and secured separately in the motor vehicle. In the event of an accident these items can become dangerous projectiles, which may injure or kill you or other occupants of the motor vehicle.
- The rider must use a Wheelchair Tie-down and Occupant Restraint System that complies with RESNA WC-4:2012, Section 18: Wheelchair tie-down and occupant restraint systems for use in motor vehicles or ISO 10542-1:2012 Technical systems and aids for disabled or handicapped persons -- Wheelchair tie-down and occupant-restraint systems -- Part 1: Requirements and test methods for all systems.

V. SET UP & USE OF YOUR WHEELCHAIR

B. Transit Use (Continued)

- Attach wheelchair tie-downs to the four securement points (two front, two rear) on the Liberty FT wheelchair with the Transit Option (Fig. 1) in accordance with the wheelchair tie-down manufacturer's instructions and **RESNA WC-4:2012, Section 18 or ISO 10542-1:2012 - Part 1.**

Fig. 1



- Attach occupant restraints in accordance with the occupant restraint manufacturer's instructions and **RESNA WC-4:2012, Section 18 or ISO 10542-1:2012, Part 1.**
- Use of lap belts, chest straps, shoulder harnesses, any other positioning strap system or positioning accessory should not be used, or relied on as an occupant restraint, unless it is marked as such by the manufacturer in accordance with **RESNA WC-4:2012, Section 18 or ISO 10542-1:2012, Part 1.**
- Use of headrests, lateral supports or other positioning accessories should not be used, or relied on as an occupant restraint, unless it is marked as such by the manufacturer in accordance with **RESNA WC-4:2012, Section 18 or ISO 10542-1:2012, Part 1 or RESNA WC-4:2012, Section 20: Wheelchair seating systems for use in motor vehicles or ISO 16840-4:2009 Wheelchair seating -- Part 4: Seating systems for use in motor vehicles.**
- After being fitted and adjusted, the top of the original equipment back upholstery should be within 4 inches (2.54 cm) of the top of your shoulder.
- Any aftermarket seating should be tested to comply with **RESNA WC-4:2012, Section 20 or ISO 16840-4:2009 - Part 4.**
- Attach the seating to the wheelchair frame in accordance with the seating manufacturer's instructions and **RESNA WC-4:2012, Section 20 or ISO 16840-4:2009 - Part 4.**
- Aftermarket accessories such as trays, oxygen tank holders, oxygen tanks, IV poles, back packs, pouches and items not manufactured by Ki Mobility should be removed and secured separately in the motor vehicle. In the event of an accident, these items can become dangerous projectiles which may injure or kill you or other occupants of the motor vehicle.
- If the wheelchair has been involved in an accident, you should not continue to use it, as it may have suffered fatigue that may not be visible.

V. SET UP & USE OF YOUR WHEELCHAIR

B. Transit Use (Continued)

⚠ WARNING ⚠

WARNING: Remove and secure any items temporarily attached to the chair while in a motor vehicle. Leaving items attached to the vent tray, battery tray or oxygen tank holder and not securing them properly and separately in a motor vehicle could result in these items becoming dangerous projectiles in the event of an accident. Additionally, oxygen tanks contain a highly pressurized gas that vigorously accelerates combustion.

- When using this wheelchair as a seat in a motor vehicle, you must remove any items attached to the vent tray, battery tray or oxygen tank holder and properly secure them separately.
- If the chair is equipped with an oxygen tank holder never use the wheelchair as a seat in a motor vehicle.

NOTE: To obtain copies of RESNA or ISO standards please contact the standards organizations below:

RESNA
1700 N Moore St Ste 1540
Arlington, VA 22209
Phone: 703-524-6686
Fax: 703-524-6630
Email: technicalstandards@resna.org

ANSI/RESNA Standards:

RESNA WC-4:2012, Section 18:
Wheelchair tie-down and occupant restraint systems for use in motor vehicles.

RESNA WC-4:2012, Section 19:
Wheelchairs used as seats in motor vehicles.

RESNA WC-4:2012, Section 20:
Wheelchair seating systems for use in motor vehicles.

International Organization for Standardization (ISO)
BIBC II
Chemin de Blandonnet 8
CP 401
1214 Vernier, Geneva
Switzerland
Phone: +41 22 749 01 11
Fax: +41 22 733 34 30
Email: central@iso.org

ISO Standards:

ISO 10542-1:2012 Technical systems and aids for disabled or handicapped persons -- Wheelchair tie-down and occupant-restraint systems -- Part 1:
Requirements and test methods for all systems.

ISO 16840-4:2009 Wheelchair seating – Part 4:
Seating systems for use in motor vehicles.

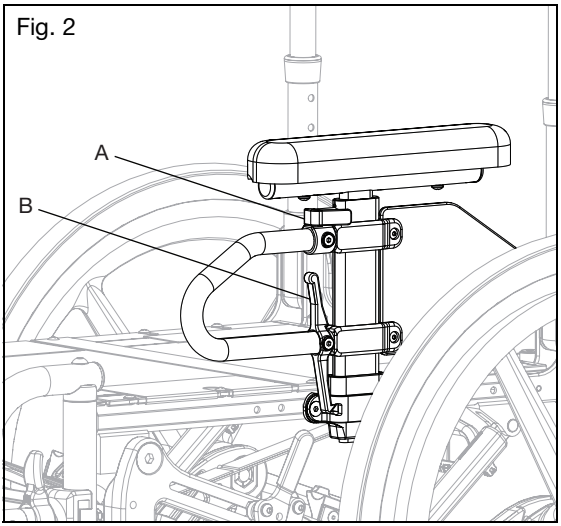
ISO 7176-19:2008 Wheelchairs – Part 19:
Wheeled mobility devices for use as seats in motor vehicles.

V. SET UP & USE OF YOUR WHEELCHAIR

C. Height Adjustable T-Arms

1. Installation
   a. Slide the outer armpost into the receiver mounted to the wheelchair frame.
   b. The armrest will automatically lock into place. Check to make sure the locking lever is as shown (Fig. 2:B).
2. Height Adjustment
   a. Rotate release lever (Fig. 2:A).
   b. Slide armrest pad up or down to desired height.
   c. Return lever to locked position against arm post.
   d. Push arm pad until upper arm locks firmly into place. Check to make sure the locking lever is as shown (Fig. 2:A).
3. Removing Armrest
   a. Squeeze release lever (Fig. 2:B) and remove the armrest.

Fig. 2



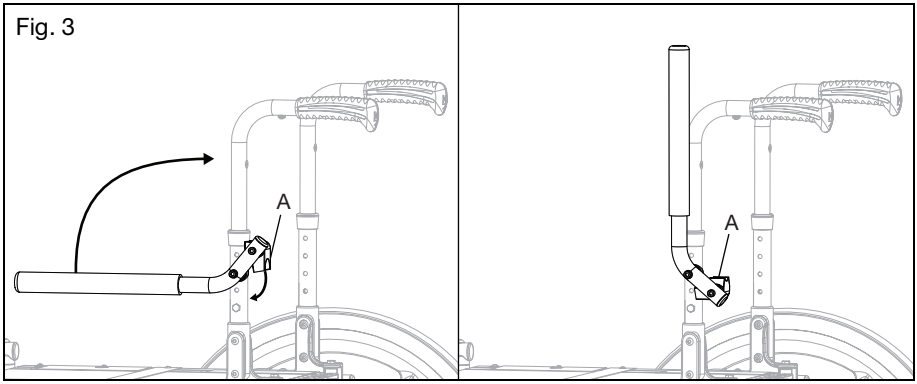
V. SET UP & USE OF YOUR WHEELCHAIR

D. Tubular Flip Up Armrest

⚠ WARNING ⚠

WARNING: Do not use tubular flip up armrests to support your weight for pressure relief or during a transfer. The tubular flip up armrests are for resting your arms on only and using them to support your weight could result in a fall and serious injury.

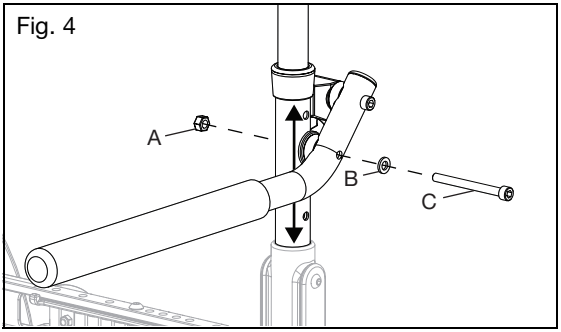
1. Flip Up
   a. Lift armrest up until stop block (Fig. 3:A) rests against backrest cane.
2. Flip Down
   a. Lower armrest down until top section of stop block (Fig. 3:A) rests against the backrest cane.



3. Height Adjustment
   a. Remove screw (Fig. 4:C), washer (Fig. 4:B) and nut (Fig. 4:A) using a 5mm Allen wrench and a 10mm wrench.

NOTE: The saddles in between the armrest and the backrest tube will drop once hardware is removed. Save saddles for later use.

   b. Move the armrest to the hole on the backrest tube that matches your armrest height preference.
   c. Reinstall hardware from step A and repeat on opposite side, using same holes so armrests are level.



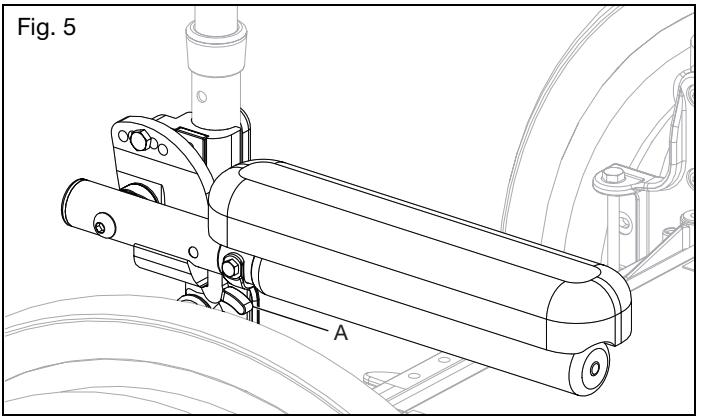
V. SET UP & USE OF YOUR WHEELCHAIR

E. Angle Adjustable Locking Flip Up Extendable Armrest

Use

1. Press the release lever (Fig. 5:A) up to release the armrest and swing it upwards.To return the armrest to the operating position, push the armrest down until the lever clicks and locks.

Fig. 5



V. SET UP & USE OF YOUR WHEELCHAIR

F. Swing Away Hangers

⚠ WARNING ⚠

WARNING: Ensure hangers are locked in place before using or riding wheelchair. Unlocked hangers while using or operating the chair could result in a fall or loss of control.

1. Installation
   a. Place swing away pivot saddle into the receiver on front frame tube with the footrest facing either inward or outward from the frame (Fig. 6).
   b. Rotate the footrest so that it aligns with the frame until it locks into place in the latch block (Fig. 7).
2. Swinging the Footrest Away
   a. Push release latch toward the frame.
   b. Rotate footrest outward or inward as desired.
3. Removal
   a. To remove footrest, push release latch toward the frame.
   b. Lift the footrest straight upward to remove. You may also swing the footrest inward or outward before lifting it off.

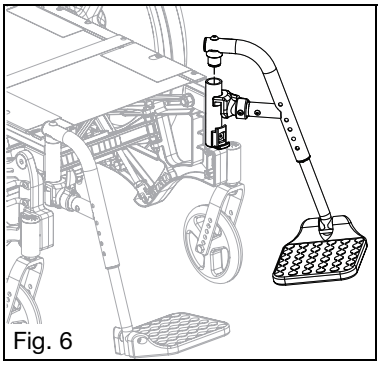


Fig. 6

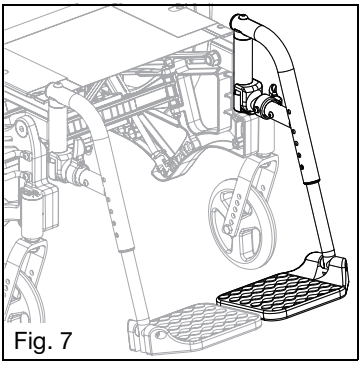


Fig. 7

G. Swing Away Hangers with 4-Way Latch

1. Installation
   a. Place swing away pivot saddle into the receiver on front frame tube (Fig. 8:A).
   b. Rotate the footrest so that it aligns with the frame and locks into place in the latch block (Fig. 8:B).
2. Swinging the Footrest Away
   a. Push or pull on release latch.
   b. Rotate footrest outward or inward as desired.
3. Removal
   a. To remove footrest, push or pull release latch.
   b. Lift the footrest straight upward to remove. You may also swing the footrest inward or outward before lifting it off.

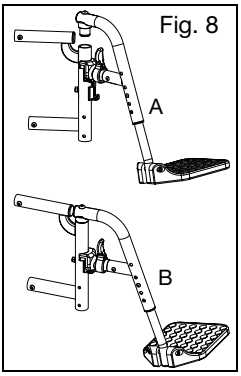


Fig. 8

V. SET UP & USE OF YOUR WHEELCHAIR

H. Extension Tubes

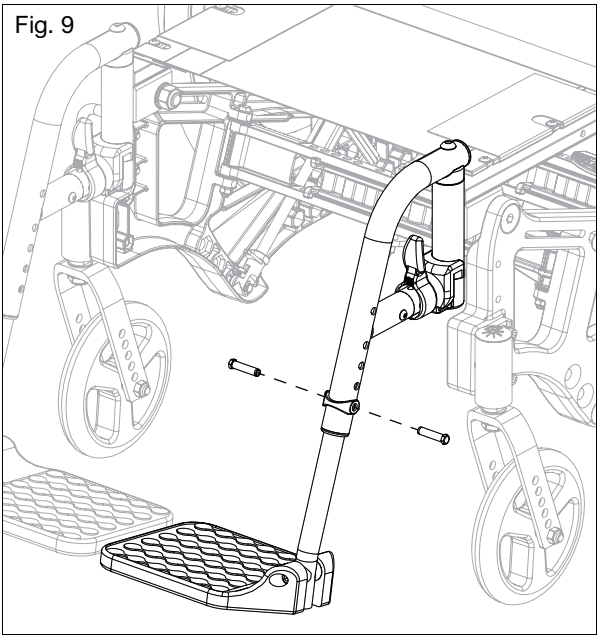
1. Adjustment
   a. Remove mounting fasteners from each side of the hanger tube.
   b. Slide footrest extension tube to the desired height.
   c. Line up holes and reassemble fasteners in desired hole through hanger and extension tube.
   d. Follow same procedure on opposite side (Fig. 9).

At the lowest point, footrests should be AT LEAST 2 ½ INCHES (6.35 cm) off the ground. If set too low, they may "catch" on obstacles you would expect to find in normal use. This may cause the chair to stop suddenly and tip forward.

⚠ WARNING ⚠

WARNING: Avoid tripping or falling when you transfer. Ensure your feet do not get caught in the space between the footrests and avoid putting weight on the footrests as the chair may tip forward. A trip or fall could result in serious injury.

Fig. 9



V. SET UP & USE OF YOUR WHEELCHAIR

I. Elevated Leg Rest

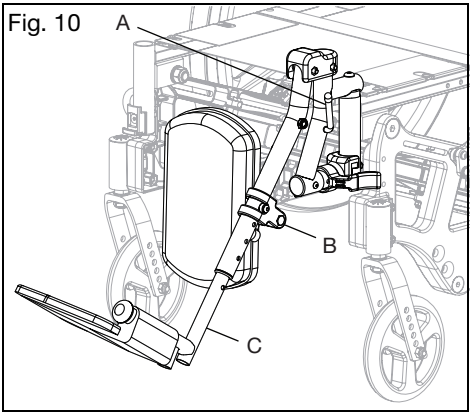


Fig. 10

1. Installation
   a. Place swing away pivot saddle into the receiver on front frame tube with the footrest facing either inward or outward from the frame. Similar to swing away footrest pictured in Fig. 6 and 7.
   b. Rotate the footrest so it aligns with the frame until it locks into place in the latch block.
2. Removal
   a. To remove footrest, push release latch toward the frame.
   b. Rotate footrest outward and lift.
3. Extension Tube Adjustment
   a. Remove mounting bolt that is threaded into the leg rest tube in the center of the pad bracket (Fig. 10:C). In some circumstances this bolt may be inserted in the tube below below the pivot bracket.
   b. Slide footrest extension tube to the desired height.
   c. Line up holes and replace the bolt through the leg rest tube and extension tube.
   d. Follow same procedure on opposite side.
4. Angle Adjustment
   a. To raise, lift up on the rear of the extension tube (Fig. 10:A). The rod will slide through the ratchet in this direction. Stop at desired position.
   b. To lower, firmly hold the leg from behind the extension tube (Fig. 10:A). Pull forward on the lever (Fig. 10:B) and while holding the lever, lift the leg rest. Releasing the lever will cause the leg rest to lock into position.

At the lowest point, footrests should be AT LEAST 2 ½ INCHES (6.35 cm) off the ground. If set too low, they may "catch" on obstacles you would expect to find in normal use. This may cause the chair to stop suddenly and tip forward.

⚠ WARNING ⚠

WARNING: Avoid tripping or falling when you transfer. Ensure your feet do not get caught in the space between the footrests and avoid putting weight on the footrests as the chair may tip forward. A trip or fall could result in serious injury.

V. SET UP & USE OF YOUR WHEELCHAIR

J. Pro Elevated Leg Rest

Installation

NOTE: The Pro ELR is mounted onto the chair the same way as a swing away hanger.

1. Place swing away pivot saddle into the receiver on front frame tube with the leg rest facing either inward or outward from the frame.
2. Rotate the leg rest so that it aligns with the frame and locks into place in the latch block.

Adjusting Height of Calf Pad

1. Loosen nut (Fig. 11:A) using a 10mm wrench.
2. Slide calf pad arm up or down to desired location. Retighten nut.

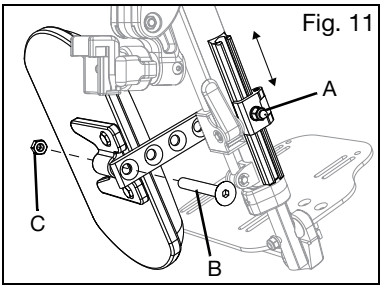


Fig. 11

Adjusting Depth of Calf Pad

1. Remove screw (Fig. 11:B) and nut (Fig. 11:C) on calf pad arm using a 5mm Allen wrench and a 13mm wrench.
2. Pick the desired location based on the four predrilled holes and reinstall screw and nut.

Adjusting Length of Footrest

1. Loosen set screw (Fig. 12:A) with a 4mm Allen wrench.
2. Slide extension tube in or out to get to desired length and secure by tightening set screw.

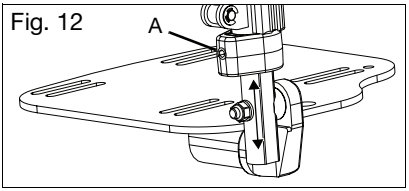


Fig. 12

Use

1. To raise the Pro ELR, lift the leg rest tube (Fig. 13:A) to desired angle of elevation.
2. To lower the Pro ELR, press and hold the lever lock (Fig. 13:B) while pushing the leg rest tube (Fig. 13:A) down.

NOTE: Remove the Pro ELR from the chair or remove weight from the Pro ELR while lowering to avoid a sudden drop when the lever lock is pushed.

NOTE: The calf pad can swing outward to clear the front of the chair for transfers.

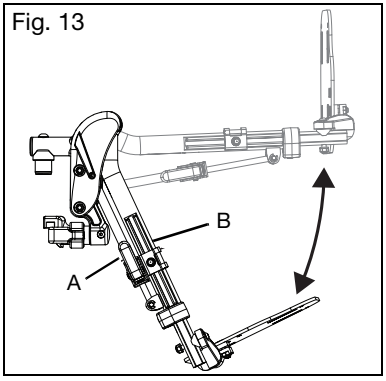


Fig. 13

Removal

1. To remove leg rest, push or pull release latch.
2. Lift the leg rest straight upward to remove. You may also swing the leg rest inward or outward before lifting it off.

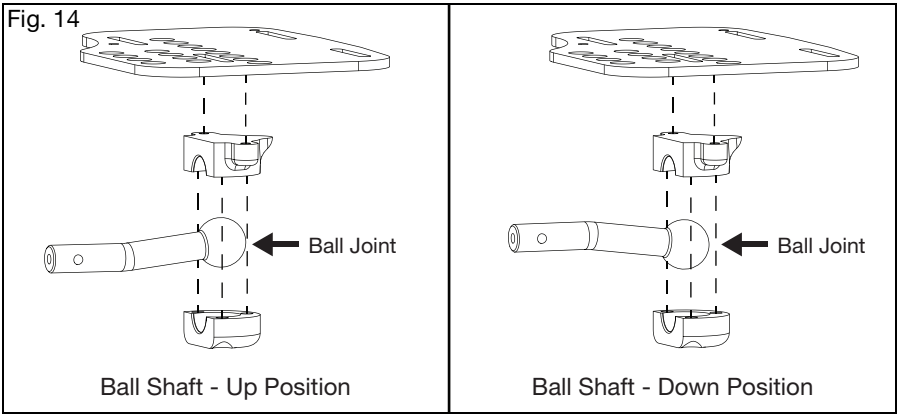
V. SET UP & USE OF YOUR WHEELCHAIR

K. Multi-Angle Footrest

1. Changing Footrest Angle (Fig. 14)

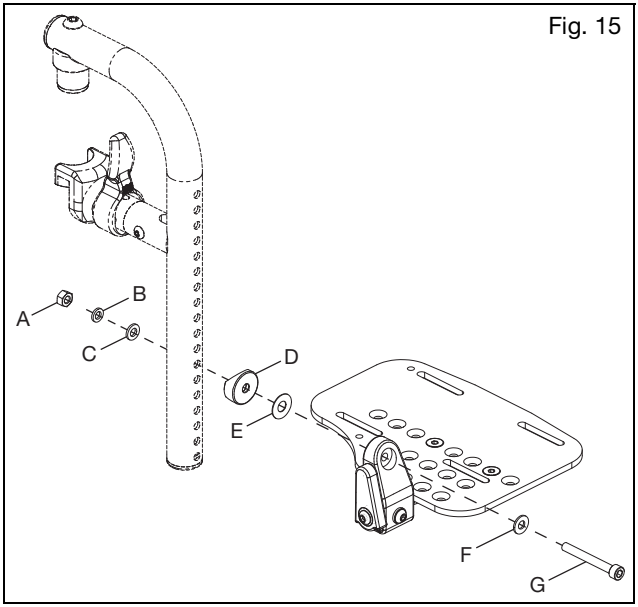
The Multi-Angle Footrest utilizes a ball joint which allows the footrest to be set in a variety of angles just by applying pressure to different areas on the top of the footplate.

Fig. 14



2. Changing Footrest Height
   a. Remove footplate assembly from hanger by removing screw (Fig. 15:G), washer (Fig. 15:F), washer (Fig. 15:E), saddle spacer (Fig. 15:D), washer (Fig. 15:C), washer (Fig. 15:B) and nut (Fig. 15:A) using a 5mm Allen wrench and a 10mm wrench.
   b. Slide the footplate assembly to desired height and reinstall hardware in nearest hole.

Fig. 15



V. SET UP & USE OF YOUR WHEELCHAIR

L. Backrest

⚠ WARNING ⚠

WARNING: Do not lift or tilt chair by center strut while occupied. Lifting or tilting chair by holding center strut that joins the Adjustment Height Back push handles or center strut that joins Removable Stroller Handle push handles could cause them to break, which could result in a fall or loss of control. A fall or loss of control could result in serious injury or death to occupant.

1. Folding Angle Adjustable Backrest Down
   a. If chair is equipped with a fold down backrest, push levers (Fig. 16:A) toward the front of the chair to disengage the latches. If backrest seating is attached, both latches must be disengaged simultaneously in order to allow the backrest to fold.
   b. Push forward on the backrest to rotate it downward. Once it begins to rotate forward, the latch levers may be released.
2. Angle Adjustment
   a. Using a 4mm Allen wrench and a 10mm wrench, remove button head screws (Fig. 17:A) with their washers and nuts.
   b. Rotate backrest to desired angle. Each hole represents 5° of rotation. The upper row of holes correspond to -5°, 5°, 15° and 25° and the lower row of holes correspond to 0° (vertical), 10° and 20° (Fig. 18).
   c. Replace button head screw and tighten with washer and nut.
   d. Repeat for opposite side of chair.

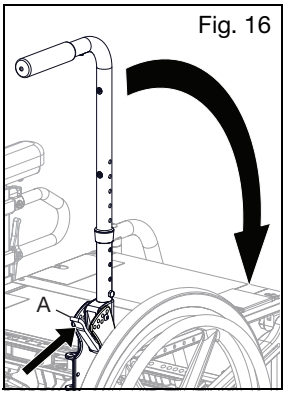


Fig. 16

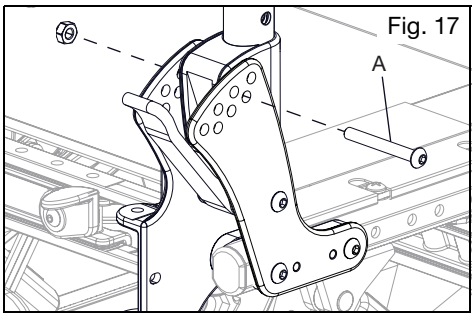


Fig. 17

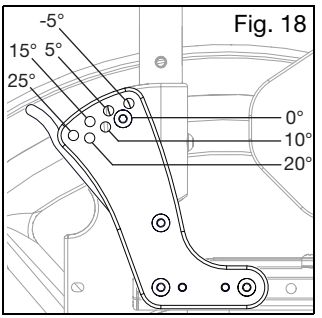


Fig. 18

3. Removable Stroller Handle
   a. Depress buttons (Fig. 19:A) on both sides of chair toward lower end of stroller tubes to disengage locking tabs.
   b. Pull handle out of receivers to remove or push stroller handle in to receivers to install. For best results, insert both sides at the same time.
   c. Verify snap buttons are engaged in receivers.
4. Dynamic Back

See instructions for this back provided separately with chair.

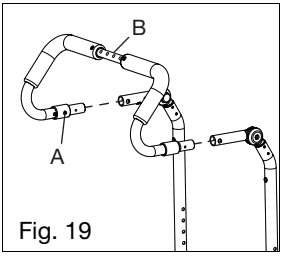


Fig. 19

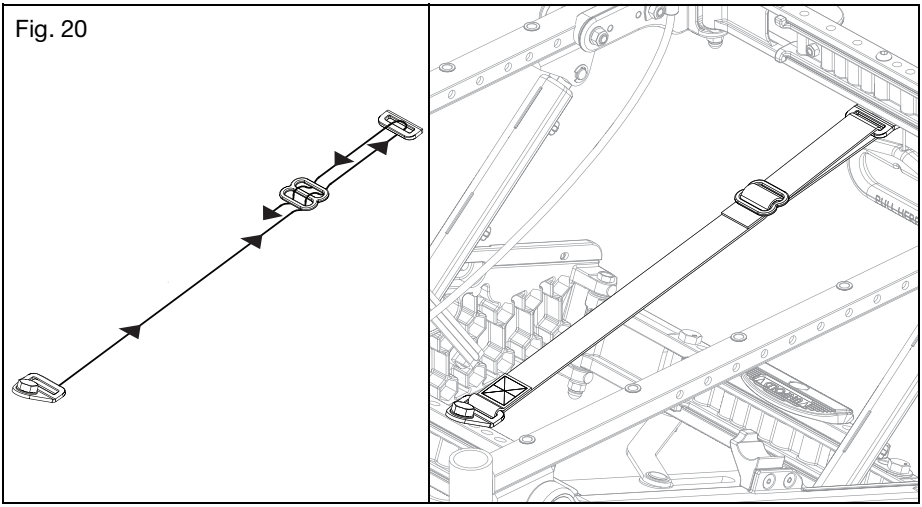
V. SET UP & USE OF YOUR WHEELCHAIR

M. Adjusting/Installing Strap

Strap Routing

1. Strap is attached to one bracket. Take the opposite end of the strap and go under, over and under the middle clip. Take the end of the strap up through the end bracket and out. Route the strap back to the middle clip and go under, over and under again. See Fig. 20 for help with strap routing.

Fig. 20

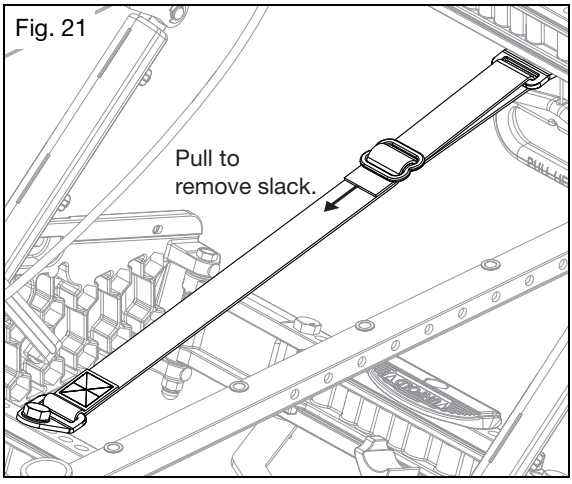


Strap Adjustment

1. Remove all slack in strap by pulling the end of the strap. You may need to help push slack through the middle clip and then pull the end of the strap to remove the slack in some cases.
2. Verify that chair folds and unfolds properly.

NOTE: All three cross struts should go over center during folding when adjustments are correct.

Fig. 21



V. SET UP & USE OF YOUR WHEELCHAIR

N. Folding and Unfolding Chair

⚠ WARNING ⚠

WARNING: Avoid pushing on parts other than the red lockout tab and footpad during the folding process. Pushing on parts other than the red lockout tab and footpad can cause pinch points in the moving crossing braces. Pinch points can result in injury.

1. Folding Your Chair
   a. Ensure wheel locks are engaged.
   b. Removal of hangers is optional, but suggested (footplates will restrict minimum fold width).
   c. Always remove O2 tanks, IV poles and accessories and store appropriately.
   d. Push red lockout tab (Fig. 22:B) down and push forward to begin the folding process of the upper cross brace (Fig. 22:A).

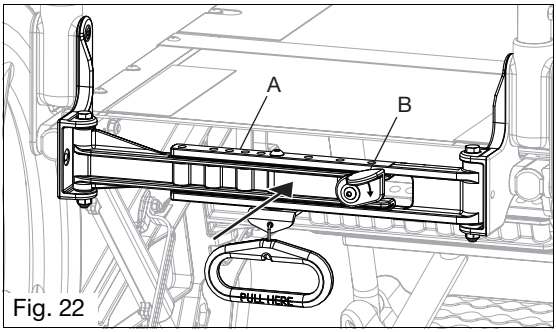


Fig. 22

   e. Push on the red footpad (Fig. 23:A) found on the rear lower crossbrace (Fig. 23:B) with your foot to begin the folding process of the lower crossbrace.

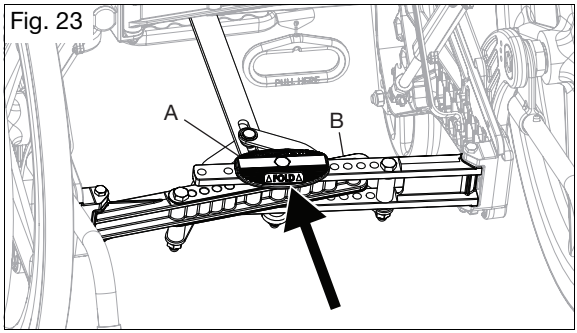


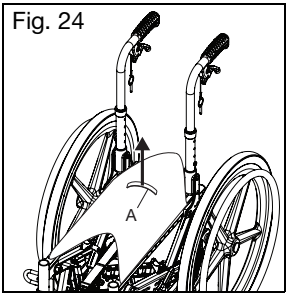
Fig. 23

V. SET UP & USE OF YOUR WHEELCHAIR

N. Folding and Unfolding Chair (Continued)

f. Pull up on the folding strap (Fig. 24:A) in the center of the seat until the chair is fully folded. Pulling upward at a slight angle will help one side of the chair to remain on the floor and the other side to move more easily.

g. Fold down back canes if equipped with Fold Down Back (See Section N, Step 1).

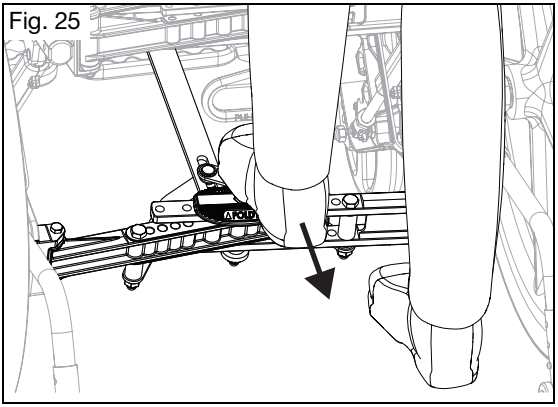


2. Unfolding Your Chair

a. Confirm wheel locks are engaged.

b. Separate the sides of the chair as far as possible by slightly pulling sideways on the wheel or handrim.

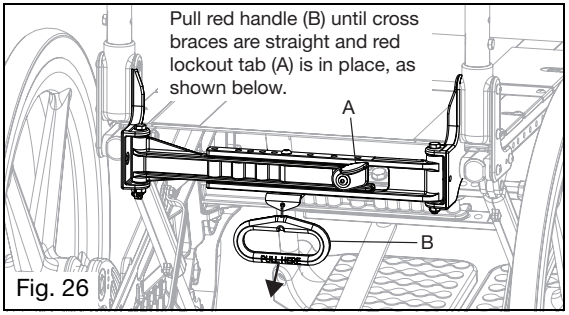
c. Use your foot to pull back the lower cross brace until straight. See Fig. 25.



d. Pull the red handle (Fig. 26:B), found under the seat, until the upper rear cross brace is straight and the red lockout tab (Fig. 26:A) springs upward and clicks into place.

⚠ WARNING ⚠

WARNING: Verify cross braces are aligned and red lockout tab is engaged prior to transferring into the chair. Failure to verify that the cross braces are aligned and the red lockout tab is engaged can result in a fall or injury to yourself.



e. Confirm red lockout tab (Fig. 26:A) is in place to prevent the crossbrace from folding inward.

V. SET UP & USE OF YOUR WHEELCHAIR

O. Tilt Mechanism

⚠ WARNING ⚠

WARNING: Keep fingers away from seat frame and out from under the chair when tilting. Fingers can get caught in pinch points on the seat frame and under the chair during the tilt process which can result in injury to yourself.

NOTE: A side guard at the lowest setting may interfere with the final few degrees of maximum tilt.

1. Hand Operated (Dual Trigger) Tilt
   a. Tilting Seat Frame
      i. Squeeze triggers (Fig. 27:A).
      ii. While keeping triggers depressed, raise or lower the rear of the seat frame to desired position.
      iii. Release triggers to lock into place.
   b. Cable Adjustments
      i. Unlock jam nut (Fig. 27:C) from cable adjuster body (Fig. 27:D) using a 10mm and 3/8" (10 mm) open ended wrench.
      ii. Thread cable adjuster (Fig. 27:B) in or out until slack in cable is eliminated such that the trigger has an 1/8" (8 mm) of play before it begins to pull the cable.
      iii. Verify function of the cable. Tilt mechanism should lock at all locations.
      iv. Once cable is adjusted, repeat on opposite side and verify that tilt is functioning properly. Relock the jam nut against the cable adjuster body (both cables) by tightening the nut only, not the male adjuster or the adjuster body.
   c. Locking Triggers

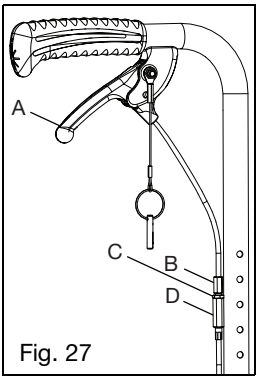


Fig. 27

⚠ WARNING ⚠

WARNING: Do not utilize the locking pin to maintain an unlocked tilt mode. This may lead to serious injury or death.

i. To secure the triggers in the locked position:
   a. Make sure the chair is locked by pushing on the back handles.
   b. Insert the pin attached to the trigger by a lanyard into the hole on the trigger mount. See Fig. 28.
   c. Make sure the trigger no longer releases the tilt locks by gently squeezing the trigger and pushing on the back canes to tilt the chair.

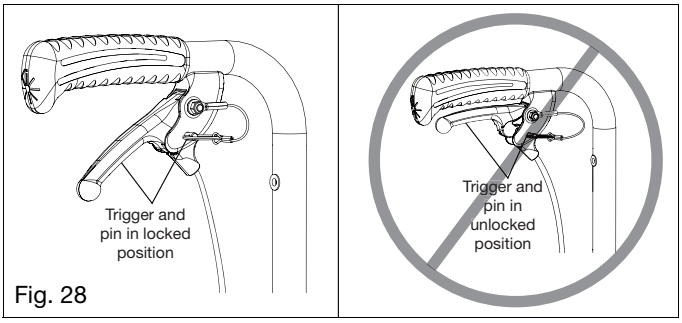


Fig. 28

V. SET UP & USE OF YOUR WHEELCHAIR

P. Rear Wheels

⚠ WARNING ⚠

WARNING: Before operating chair, assure the push button is completely extended and locking balls on the inside are fully engaged. Failure to do so may result in the wheel falling off, which could cause a fall or tip-over. A fall or tip-over could result in serious injury or death to you or others.

1. Installing Wheels
   a. Push in the quick release button (Fig. 29:C) on the axle to allow the locking balls (Fig. 29:B) to retract. Make note of the difference between the extended and depressed position of the axle release button and its effect on the locking balls on the other end of the axle.
   b. Insert the axle into the bearing housing on the wheel if it's separate.
   c. Push on quick release button again and slide axle into axle sleeve (Fig. 29:A).
   d. Release the button to lock axle in sleeve. If release button does not fully extend and the locking balls do not move into the locked position after releasing the button, the axle length needs to be adjusted (Fig. 30).

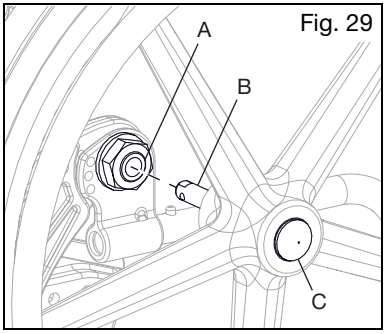


Fig. 29

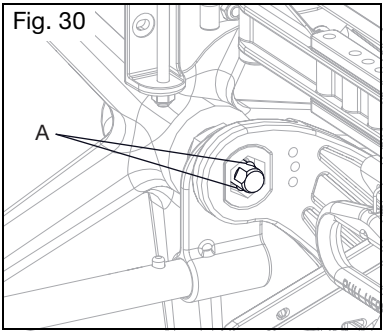


Fig. 30

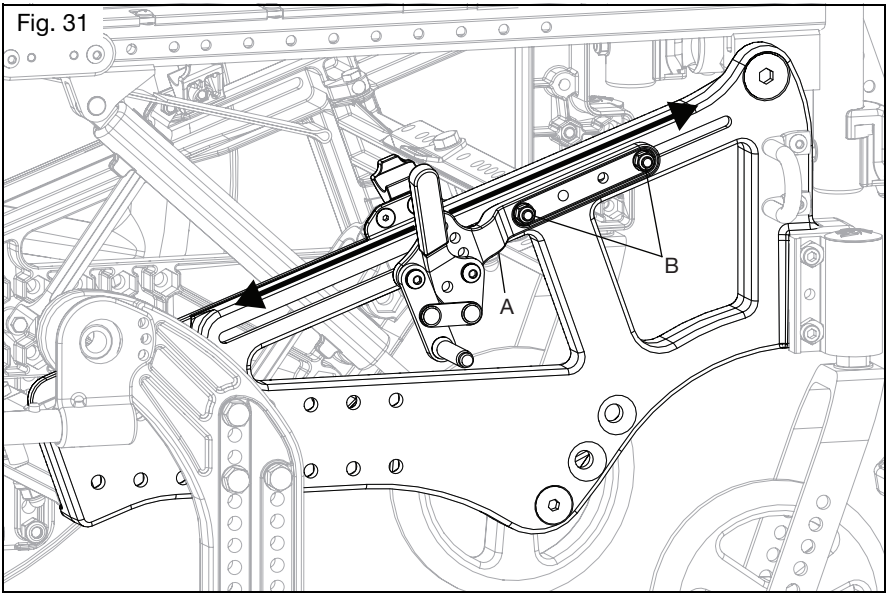
2. Removing Wheels
   a. Hold the wheel close to the hub and push in the button on the outside end of the axle.
   b. While still holding the button, pull the wheel and axle out of the axle sleeve.

V. SET UP & USE OF YOUR WHEELCHAIR

Q. Wheel Locks

1. Adjusting Wheel Locks
   a. Use a 10mm wrench or socket to loosen (do not remove) hex bolts (Fig. 31:A) on the mount plate (Fig. 31:B).
   b. Slide mount plate forward or rearward to achieve proper locking.
   c. Retighten hex bolts.

Fig. 31



NOTE: Always loosen and tighten wheel hardware by alternating between the two bolts while loosening/tightening a little at a time. This prevents overclamping on one set of hardware which can lead to binding of the fasteners and increased difficulty in removal.

V. SET UP & USE OF YOUR WHEELCHAIR

R. Anti-Tips

1. Flipping Anti-Tips Up
   a. Depress buttons (Fig. 32:A) on anti-tips.
   b. Flip anti-tips up until the depressed buttons click into the hole on the bottom of the receiver.
2. Removing Anti-Tips
   a. Depress buttons (Fig. 32:A) on anti-tips.
   b. Pull anti-tip straight back to remove anti-tip from receiver.
   c. To reinstall, press buttons in and push anti-tips back into receivers, aligning holes in receiver with front detent button.
3. Setting for Seat Height
   a. Depress lower button (Fig. 32:B) on anti-tip.
   b. Pull anti-tip down or up to the height desired.
   c. Ensure lower button clicks into one of the height setting holes.
   d. Repeat for opposite side of chair. Ensure anti-tips on both sides of chair are set up identically.

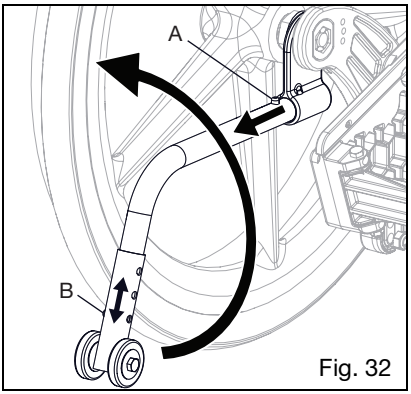


Fig. 32

S. Oxygen Tank Holder

⚠ WARNING ⚠

WARNING: Oxygen tanks can be dangerous if not used properly. Ensure you have been provided proper instructions for using an oxygen tank by the supplier of your tank. You must heed all warnings and follow all instructions for use that have been provided by the supplier of your oxygen tank. Failure to follow all the instructions for use, and heed all warnings, for oxygen tanks can result in serious injury or death.

1. Instructions for Use:

This oxygen tank holder has been designed to secure D cylinders to your wheelchair. Make sure that the bottle is well seated in the bottom of the holder and that the clamp is tightened to the point that the cylinder cannot be pulled out.

Oxygen tanks can be dangerous, make sure you follow all instructions for use from the tank's provider.

VI. MAINTENANCE

A. Inspecting Your Wheelchair

Regular and routine maintenance will extend the life of your wheelchair while improving its performance. Wheelchair repairs and the replacement of parts should be done by a qualified technician of an authorized Ki Mobility supplier.

1. General Inspections:

   a. Clean your chair at least once per month. You may need to clean your chair more frequently if you operate it in dirty environments, such as a worksite.

   b. Check to be sure that all fasteners are tight. Unless otherwise noted, fasteners should be tightened to 40 in./lbs (4.51 N*m).

⚠ CAUTION ⚠

CAUTION: Replace worn tires. Wheel locks may not grip properly on smooth, worn tires, which may allow unintended movement of the chair when on a slope.

   c. Check tires and casters:
      - Check the tire for tread wear. Replace the tires if they have flat spots, visible cracks or if the tread is worn off.
      - If you have inflatable tires with a valve stem, check the pressure and set to the pressure listed on the tire sidewall.

   d. Check spoke wheels for loose spokes.

   e. Check your wheel locks. As tires wear the wheel locks should be adjusted. See Section Q. Wheel Locks.

VI. MAINTENANCE

B. Routine Maintenance

1. Weekly:
   a. Check wheel locks to be sure they are adjusted correctly.
   b. Check axle sleeves to ensure the axle sleeve nuts are tight.
   c. Check for broken, bent or loose spokes.
   d. Check that casters spin freely.
   e. Inspect tires and casters for wear spots.
   f. Check pneumatic tires for proper inflation.
   g. Ensure hand grips do not rotate or pull off.
2. Monthly:
   a. Inspect rear wheel axles and tighten if necessary.
   b. Inspect caster housing bearings for hair build up and remove if necessary.
   c. Inspect wheel locks to be sure assembly is tight. Make sure wheel locks properly engage the tires.
   d. Check that all fasteners are tight and secure.
   e. Inspect frame for any deformities, defects, cracks, dimples or bends. These could be signs of fatigue in the frame which could result in a failure of the chair. Discontinue use of the wheelchair immediately and contact your authorized Ki Mobility dealer.
3. Annually:
   a. Have wheelchair checked and adjusted by a qualified technician.

⚠ CAUTION ⚠

CAUTION: Before using chair after adjustments are made, ensure all fasteners are tight and secure.

⚠ CAUTION ⚠

CAUTION: Do not overtighten fasteners as this could damage the frame.

VI. MAINTENANCE

C. Cleaning

1. Axles and Wheels:
   a. Clean around the axles and wheels WEEKLY with a damp rag.
   b. Hair and lint will lodge in the caster housing. Disassemble the caster housing every six months to remove entangled hair.

NOTE: Do not use WD-40 or any other penetrating oil on this wheelchair. This will destroy the sealed bearings.

NOTE: Do not use any chemical cleaning agents on casters or tires.

D. Storage

1. When not in use, keep your chair in a clean, dry area. Failure to do so may result in your chair rusting and/or corroding.
2. If your chair has been in storage for more than a few weeks you should make sure it is working properly. You should inspect and service, if necessary, all items in Section A. Inspecting Your Wheelchair.
3. If your chair has been in storage for more than two months, it should be serviced and inspected by your authorized supplier before you use it.

VII. WARRANTY

Ki Mobility warrants the frame, cross braces, hangers and quick-release axles of this wheelchair against defects in materials and workmanship for the life of the original purchaser. All other Ki Mobility-made parts and components of this wheelchair are warranted against defects in materials and workmanship for one year from the date of first consumer purchase.

Limitations to the Warranty

1. We do not warrant:
   a. Wear items: Upholstery, tires, armrest pads, tubes, armrests and push-handle grips.
   b. Damage resulting from neglect, misuse or from improper installation or repair.
   c. Damage from exceeding weight limit.
2. This warranty is VOID if the original chair serial number tag is removed or altered.
3. This warranty is VOID if the original chair has been modified from its original condition and it is determined the modification resulted in failure.
4. This warranty applies in the USA only. Check with your supplier to find out if international warranties apply.

Ki Mobility's Responsibility

Ki Mobility's only liability is to replace or repair, at our discretion, the covered parts. There are no other remedies, expressed or implied.

Your Responsibility

a. Notify Ki Mobility, via an authorized supplier, prior to the end of the warranty period and get a return authorization (RA) for the return or repair of the covered parts.

b. Have the supplier send the authorized return, freight pre-paid, to:

   Ki Mobility
   5201 Woodward Drive
   Stevens Point, WI 54481

c. Pay any charges for labor to repair or install parts.

rehabhire & sales

320 Lorimer Street Port Melbourne Victoria 3207

t: 03 9646 7200 | **e:** contact@rehabhire.com.au | www.rehabhire.com.au

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