Little Wave Tyke

USER INSTRUCTION MANUAL & WARRANTY

Ki Mobility
by Etac

2022-01-28

I. INTRODUCTION

Thank you for purchasing a Ki Mobility mobility base!

⚠WARNING⚠

WARNING: Do not use this without first reading this entire manual. Use without first reading this entire manual could result in serious injury to the child and/or attendant.

Ki Mobility recommends training by an Assistive Technology Professional (ATP) or other competent clinical or technical professional in the safe use of this mobillity base prior to use.

If you have any questions or concerns about any aspect of this mobility base, this manual or the service provided, do not hesitate to contact your authorized supplier, an authorized representative or Ki Mobility. Ki Mobility can be reached at:

(1)715-254-0991

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

www.kimobility.com

Ki Mobility
Better by Design

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III. NOTICE - READ BEFORE USE

A. Intended Use

The Little Wave Tyke is a manually operated device that can be used for medical purposes to assist moving a seating disabled person.

B. Your Safety

Any serious adverse events or injuries related to the use of your mobility base or its accessories must be reported immediately if the incident directly or indirectly leads to serious health decline or death of the child or other person. Report any serious events and/or injuries to Ki Mobility and, if required by local regulation, the competent health authority where the child and/or other person legally reside.

Do not use this mobility base without first reading this entire manual. BEFORE riding, you should be trained in the safe use of this mobility base by an Assistive Technology Professional (ATP) or other competent clinical or technical professional. The recognized best practice for selecting a mobility base is to consult with an ATP or other competent technical professional and an experienced clinical professional such as a physical therapist, occupational therapist or physician. Final selection of the type of mobility base, options and adjustments rests solely with you and your technical and clinical professionals. The options chose, and the set-up and adjustment of the mobility base have a direct impact on its performance, stability and its ability to meet the rider needs. Factors to consider that affect safety and stability are:

a. The personal abilities and capabilities of the user 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.

C. 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 mobility base you, and each person who may assist you, should read this entire manual. Please note the Signal word and consider any notes, cautions or warnings. Make sure to follow all instructions and use your mobility base 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 three main categories, as follows:

NOTE – Note indicates a potentially hazardous situation which, if not avoided, could result in a decline in the performance of the mobility base or damage to your mobility base.

⚠CAUTION⚠

CAUTION: Caution indicates a potentially hazardous situation which, if not avoided, could result in damage to your mobility base and injury to you.

⚠WARNING⚠

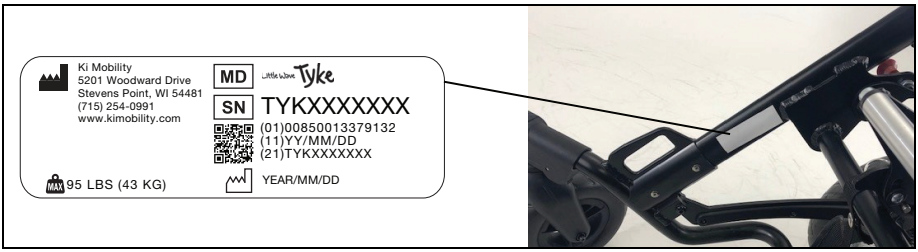
WARNING: Warning indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.

These signal words will be placed throughout the manual, where appropriate to highlight the hazardous situation. Refer to Section F. for hazardous situations that will apply to the general use of this mobility base.

III. NOTICE - READ BEFORE USE

D. Serial Number Identification

The serial number label provides important information about your mobility base and the serial number is used as the unique identifier for your specific mobility base. See image below on where to find the serial number on the mobility base.



E. Symbol Glossary

SYMBOL	DEFINITION
	Indicates the medical device manufacturer.
	Date of manufacture (YEAR/MM/DD).
	Indicates the need for the user to consult an instruction for safety reasons such as cautions and warnings. If presented on the medical device or packaging, it indicates the need for the user to consult the instructions for safety reasons such as cautions and warnings.
MD	Indicates the item is a medical device.
SN	Indicates the manufacturer's serial number so that a specific medical device can be identified.
EC REP	Indicates the authorized representative in the European Community.
CE	Indicates the manufacturer's declaration that the product meets the requirements of the applicable EC directives.
	Indicates the need for the user to consult the instructions for use.
www.kimobility.com	Indicates the need for the user to consult the listed website for instructions for use in an electronic format.
	Indicates a website where a user may obtain additional information about the medical product.
MAX	Indicates a specified maximum weight limit (lbs/kg).
	Indicates a transit securement point.
	Indicates a potential pinch point.
	Indicates the entity importing the medical device into the locale.

III. NOTICE - READ BEFORE USE

F. General Warnings and Cautions

⚠WARNING⚠

	Standard
Little Wave Tyke	95 lbs (43 kg)

WARNING: Limits refer to combined weight in pounds of the rider and all items carried. Do not exceed weight limit of mobility base. Exceeding weight limit may damage the mobility base or may increase the risk of falling or tipping over. A tip-over or fall could 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 the mobility base or in serious injury or death to you, the caregiver or attendant, the user or others. Do not use mobility base 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 an inability to control the mobility base on the surface and result in a tip-over or fall. A tip-over or fall could result in damage to your mobility base or in serious injury or death.**

⚠ **Avoid leaning over the side or back of your mobility base to extend your reach. Leaning over mobility base 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 the mobility base or in serious injury or death.**

⚠ **Do not lift mobility base by it's removable parts while occupied. Lifting a mobility base by removable parts while occupied could cause child to fall or lose control. A fall or loss of control could result in damage to your mobility base or in serious injury or death.**

⚠ **Packaging material must be kept out of the reach of children. Improper handling of packaging materials and the neglect of the duty to supervise children could result in suffocation and serious injury or death.**

⚠ **Do not expose the mobility base and components to any extreme temperatures (e.g. sunlight, sauna, extreme cold). Hypothermia or burns through contact with the mobility base and components can occur and/or failure of components.**

⚠ **Any body part that presses against a wheelchair frame or other wheelchair components may create skin deformation that results in a high pressure point. High pressure points negatively affect the tissue under stress and can cause you to develop a pressure injury or skin breakdown. If your skin develops redness, or any other symptoms of a pressure injury or skin breakdown, discontinue the use of this product immediately and consult your clinician. Continuing to use the wheelchair after skin changes are present can result in serious injury or death.**

⚠CAUTION⚠

CAUTION: Avoid overtightening bolts and hardware that attach components to the frame. Overtightening could cause damage to the mobility base; affecting its durability and performance. Damage to the mobility base could result in injury to the child.

NOTE: Information about tightening hardware can be found in the maintenance section of this manual. If you are unsure how to properly tighten bolts or hardware or lack the tools necessary, consult your authorized supplier.

III. NOTICE - READ BEFORE USE

G. Positioning Belts or Harnesses

⚠WARNING⚠

WARNING: Improper use of positioning belts can cause the child to slide underneath the positioning belt in the mobility base. If this should happen, chest compression or suffocation due to pressure from the belt can occur. If this occurs, the child's breathing may be hampered causing serious injury or death.

⚠ **Improper use of positioning belts could cause body parts to become entangled which can restrict mobility and movement, which could result in serious injury or death.**

Ki Mobility recommends the use of pelvic positioning belts. Pelvic positioning belts can reduce the risk of falling from your mobility base.

Positioning belts, such as pelvic positioning belts and anterior trunk harnesses and straps, are designed to assist, retain and support proper positioning and posture in the mobility base.

- Ensure the child does not slide underneath the positioning belt in the mobility base.
- The positioning belt should have a snug fit; tight enough to hold their position, but not so tight as to restrict breathing. An open hand should be able to fit between the belt and the child.
- Proper use of cushions can contribute to pelvic stability and reduce sliding.
- NEVER Use Positioning Belts:
  a. As a restraint. A restraint requires a doctor's order.
    i. Unless you can remove the belts easily in an emergency. If you cannot do this, consult with your health care advisor for other options to help with your posture.
  b. On a child who is unconscious or agitated.
  c. As an occupant restraint or safety belt 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 child would be thrown forward. Mobility base seat belts will not prevent this, and further injury may result from the belts or straps. Reference Transit section of this manual for further information.

H. Riding The Mobility Base

⚠WARNING⚠

WARNING: Avoid pushing or using your mobility base on soft, rough, uneven, or slick surfaces (including but not limited to ice, sand, loose soil, grass, gravel, potholes, cracks, and broken pavement). Use on such surfaces could cause the mobility base to lose stability causing it to tip unexpectedly resulting in a fall or loss of control. A fall or loss of control could result in damage to your mobility base, serious injury or death.

⚠ **Always look ahead for potential obstructions or surface transitions that could cause the front caster wheels to catch causing your mobility base to abruptly stop. Failure to do so could cause the mobility base to tip unexpectedly resulting in a fall or loss of control. A fall or loss of control could result in damage to your mobility base, serious injury or death.**

III. NOTICE - READ BEFORE USE

H. Riding The Mobility Base (Continued)

⚠ **Always look ahead for objects or obstructions that your mobility base could potentially strike. Striking an object or obstruction could cause your mobility base to tip unexpectedly resulting in a fall or loss of control. A fall or loss of control could result in damage to your mobility base, serious injury or death. In addition, striking an object or obstruction could cause damage to your mobility base. The risk of injuries and damage to your mobility base when striking an object or obstruction increases with your rate of speed.**

⚠ **Using your mobility base on public roads is extremely hazardous and is not recommended. Mobility base users must obey pedestrian traffic rules. Review the traffic laws in your own state, some states do not permit mobility base use on public roads.**

⚠ **Your balance is affected by the slope of the surfaces you ride on. Because balance is affected, your mobility base will be less stable when it is at an angle. This is especially true when riding on a slope sideways. Riding your mobility base on a slope could cause the mobility base to tip unexpectedly and/or the child to lose stability resulting in a fall or loss of control. A fall or loss of control could result in damage to your mobility base, serious injury or death.**

⚠ **When using your mobility base in public or private areas (including but not limited to crosswalks, sidewalks, neighborhoods, parking lots and parks) be alert to the danger of motor vehicles. Due to your low position:**

•When lighting is poor use reflective tape on your mobility base and clothing.

•If you have the right-of-way always yield until the driver of the motor vehicle has seen you.

⚠ **Do not ride your mobility base on an escalator. Use of a mobility base 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 mobility base, severe injury or death.**

⚠ **Ki Mobility recommends using accessories such as heel loops and calf straps. When used properly, heel loops and calf straps can aid in preventing your legs and feet from accidentally slipping off the footplate or footrest potentially causing your feet to become entangled in the mobility base and its components or strike the ground. Use of a mobility base without accessories such as properly fitted heel loops and calf straps can result in a potentially hazardous situation which, if not avoided, could result in injury.**

When using your mobility base always:

- Scan the area well ahead of the mobility base as you are pushing.
- Ensure the surfaces are level and free of obstacles.
- Remove or cover threshold strips between rooms.
- Never push or pull off an object to move forward.
- Make sure there is not a drop off at the bottom of ramps.
- On an up-slope, make sure the mobility base is stable and that you have a solid footing on the surface below and on the mobility base to prevent tipping backwards.
- On a down-slope, make sure the mobility base is stable and that you have a solid footing on the surface below and on the mobility base to prevent tipping forwards.
- Ensure all ramps, slopes or curb cuts you attempt to navigate over are compliant with ADA (Americans with Disabilities Act) guidelines or the equivalent accessibility guidelines in your region.

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

III. NOTICE - READ BEFORE USE

I. Your Mobility Base and the Environment

⚠CAUTION⚠

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

⚠ **DO NOT USE YOUR MOBILITY BASE IN A SHOWER, POOL OR BODY OF WATER. This will cause your mobility base to rust or corrode and eventually fail.**

⚠ **Do not operate your mobility base in sand. Sand can get into the wheel bearings and moving parts. This will cause damage and eventually will cause the mobility base to fail.**

J. Modifying your Mobility Base

⚠WARNING⚠

WARNING: NO ONE SHOULD MODIFY THIS MOBILITY BASE 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. Your mobility base 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. Contact an authorized supplier or Ki Mobility before adding any accessories or components not provided by Ki Mobility. Unapproved modifications or options could lead to fall and cause serious injury or death.

III. NOTICE - READ BEFORE USE

K. Mobility Base Stability

⚠WARNING⚠

WARNING: If the mobility base is equipped with a system to vary the tilt angle of the seat frame, confirm it is stable throughout the range of angle changes before use. If the mobility base is not stable throughout the range of tilt angles a fall or tip over is imminent. Falling or tipping over could result in damage to your mobility base, serious injury or death.

Strategies to minimize the risk of falling:

- Lean forward when pushing up an incline.
- Lean back when pushing down a decline.
- Have an attendant behind you to provide assistance.
- Mobility base set up should be done only by an authorized technician.
- Always use the accessories provided.
- Your mobility base should be adjusted by an authorized technician when there are changes in your weight or how you sit.

To ensure proper stability of your mobility base, you must make sure the center of gravity and the mobility base's 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
- Seating system components
- Tilt position (If applicable)

There are additional actions that can have adverse effects on the stability of your mobility base. You should consult with an assistive technology professional or clinical professional that is familiar with your needs and capabilities to determine what you are able to do safely while maintaining the stability of your mobility base.

L. Aftermarket Seating

⚠WARNING⚠

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

You should consult with a licensed clinician (i.e. Physician or therapist) trained in mobility base seating and positioning before selecting any seating and positioning product. This will help ensure you receive the right product for your specific needs.

III. NOTICE - READ BEFORE USE

M. Transfers

⚠WARNING⚠

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

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

1. Engage the wheel locks to lock the rear wheels.
2. Rotate the casters forward to increase the wheelbase of the mobility base.
3. Remove or swing away the footrests.
4. Have someone assist you unless you are well experienced and able in transfers.

N. Transit Use

⚠WARNING⚠

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

The mobility base equipped with the transit option has been tested to and passed the RESNA WC-4, Section 19: Wheelchairs used as seats in motor vehicles and ISO 7176-19 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 every mobility base configuration is compatible with the transit option. Ki Mobility manages the configuration and does not offer this mobility base except in compatible configurations. If you make changes to your mobility base after you receive it, you should contact your mobility base provider or Ki Mobility to make sure it is appropriate to continue to use your mobility base as a seat in a motor vehicle.

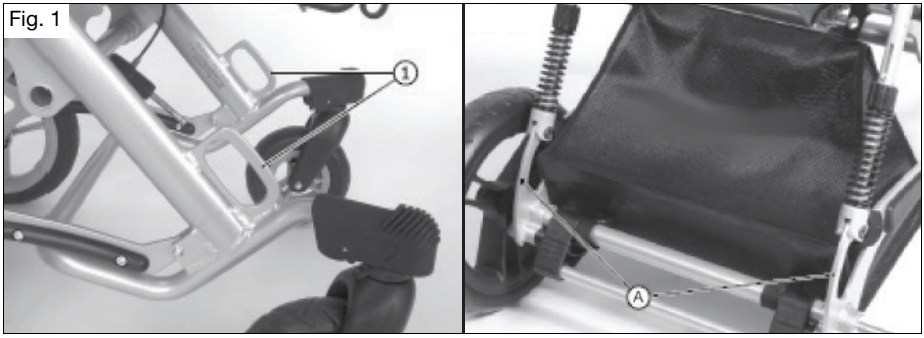
Aftermarket seating may have replaced the original equipment seat and back support designed and tested as part of the transit option. Your mobility base provider should tell you if the seating they provided is original equipment or replacement aftermarket seating. A complete system of mobility base frame, 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 mobility base equipped with the transit option as a seat in a motor vehicle.

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

N. Transit Use (Continued)

- The rider must be in a forward-facing position.
- The rider and all items carried must not weigh more than 95 lbs (43 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, Section 18: Wheelchair tie-down and occupant restraint systems for use in motor vehicles or ISO 10542-1 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.
- Attach the mobility base tie-downs to the four securement points (two front, two rear) on the mobility base with the transit option (Fig. 1) in accordance with the mobility base tie-down manufacturer's instructions and RESNA WC-4, Section 18 or ISO 10542-1, - Part 1.

Fig. 1



- Attach occupant restraints in accordance with the occupant restraint manufacturer's instructions and RESNA WC-4, Section 18 or ISO 10542-1, 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, Section 18 or ISO 10542-1, 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, Section 18 or ISO 10542-1, Part 1 or RESNA WC-4, Section 20: Wheelchair seating systems for use in motor vehicles or ISO 16840-4 Wheelchair seating -- Part 4: Seating systems for use in motor vehicles.
- Any aftermarket seating should be tested to comply with RESNA WC-4, Section 20 or ISO 16840-4 - Part 4.
- Attach the seating to the mobility base frame in accordance with the seating manufacturer's instructions and RESNA WC-4, Section 20 or ISO 16840-4 - 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 mobility base has been involved in an accident, you should not continue to use it, as it may have suffered fatigue, or damage, that may not be visible.

III. NOTICE - READ BEFORE USE

N. Transit Use (Continued)

⚠WARNING⚠

WARNING: Remove and secure any items temporarily attached to the mobility base 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. These factors could lead to serious injury or death to the child and/or anyone else in the vehicle.

- When using this mobility base 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 mobility base is equipped with an oxygen tank holder never use the mobility base as a seat in a motor vehicle.

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

RESNA
www.resna.org

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

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

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

International Organization for Standardization (ISO)
www.iso.org

ISO Standards:
ISO 10542-1 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 Wheelchair seating – Part 4:
Seating systems for use in motor vehicles.

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

IV. MOBILITY BASE USE & CONFIGURATION

A. Your Tyke & Its Parts

IMPORTANT CONSUMER INFORMATION

NOTE: This manual contains instructions for use with the Little Wave Tyke mobility base product. This information must be provided to the consumer of this product, which is the caregiver or attendant of the product. Do not remove this manual before delivery to the consumer of this product, which is the caregiver or attendant of the product.

Supplier: This manual must be given to the consumer of this product.

Consumer: Read the entire user instruction manual prior to using this product and keep on-hand for future reference. Follow all safety instructions in this manual to prevent injuries and damage to the product.

NOTE: Check all parts for shipping damage. In case of damage, DO NOT use. Contact the supplier or Ki Mobility for further instructions.

Little Wave Tyke Features

1. Plug-On Rear Wheel	6. Adjustable Push Bar
2. Swiveling Front Wheel (Option)	7. Release Handle, Folding Mechanism
3. Swivel Lock	8. Separate Seat Angle Adj. on Frame
4. Front Tie Down	9. Rear Tie Down
5. Seat Adapter	10. Suspension

MAXIMUM USER WEIGHT: 95 lbs (43 kg)

MAXIMUM BAG WEIGHT: 15 lbs (7 kg)

IV. MOBILITY BASE USE & CONFIGURATION

B. Attaching the Rear Wheels

1. If wheel locks are engaged: disengage wheel locks.
2. Depress the locks on the wheels (Fig. 2:A).
3. Push the rear wheels onto the axle until the lock clicks into place audibly.

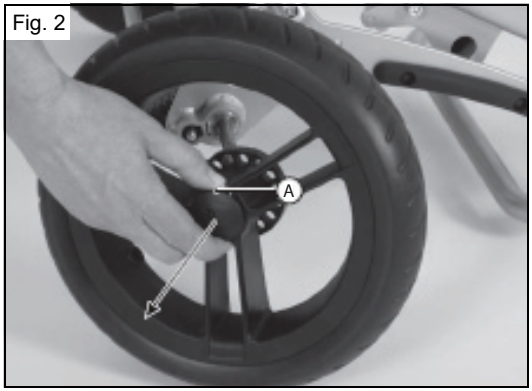


Fig. 2

C. Unfolding the Mobility Base (when seating unit is detached)

1. Unfold the push bar (Fig. 3:A).
2. Fold out the mobility base by pulling the push bar (Fig. 3:B)

NOTE: The release handles of the folding mechanism click into place automatically after folding out (Fig. 3:C).

Fig. 3

IV. MOBILITY BASE USE & CONFIGURATION

D. Adjusting the Tilt-Limiting Mechanism after Rotating Seat

The seat adapter is equipped with a tilt-limiting mechanism that ensures the seat angle of the seating unit cannot be adjusted forward or rearward beyond the permissible limits. The tilt-limiting mechanism must be adjusted every time the seating unit is rotated.

1. Activate the seat angle adjustment and move the seating unit forward until it reaches the stop (The seat is now tilted forward approximately 10°).
2. Remove the seating unit so the seat adapter is now freely accesible.
3. Pull the key ring (Fig. 4 & 5:A) to release the locking pin.
4. Move the limit hook (Fig. 4 & 5:B) into the desired position depending on the direction in which the seating unit was installed. A seat mount facing forward will have the limit hook down (Fig. 4) and a seat mount facing rearward will have the limit hook up (Fig. 5).
5. Ensure the locking pin clicks fully/audibly into place after adjustment.
6. Mount the seating unit.
7. Ensure that the tilt-limiting mechanism is functioning properly by moving the seating unit forward and back.

NOTE: The adjustment range of the seating unit must not exceed approximately 10° to the front and 35° to the rear. If the adjustment range is outside of limits, the limit hook is not in the correct position and must be adjusted properly.

Fig. 4

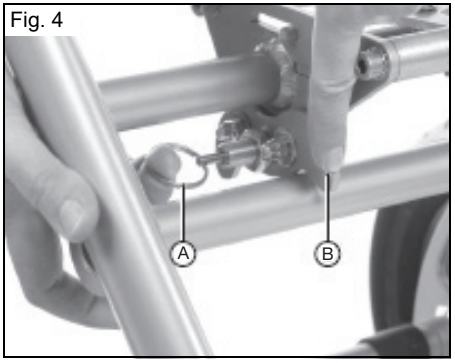
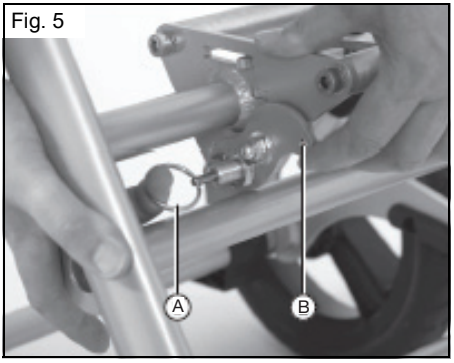


Fig. 5



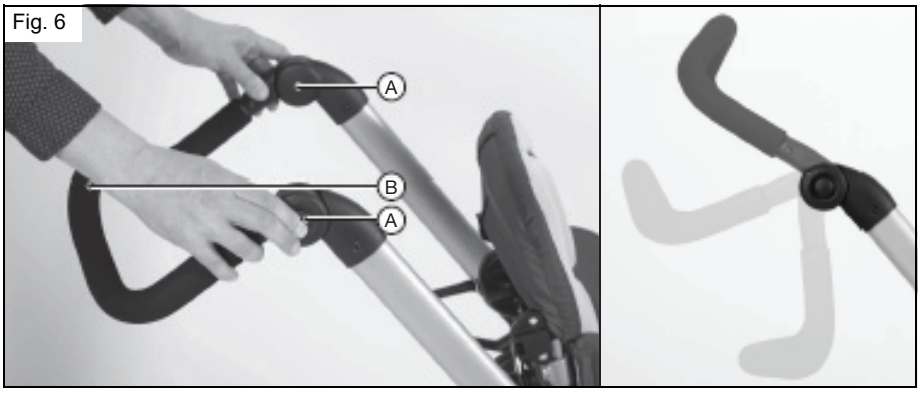
IV. MOBILITY BASE USE & CONFIGURATION

E. Adjusting the Push Bar

The push bar can be adjusted to the desired height:

1. Press both buttons on the setting joints on both sides at the same time (Fig. 6:A).
2. Move the push bar to the desired position (Fig. 6:B).
3. Release the buttons.
4. Move the push bar up or down slightly until the joints click audibly into place.

Fig. 6

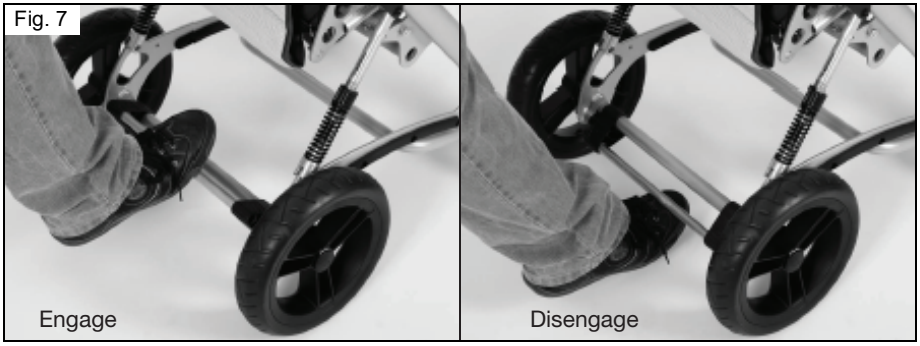


F. Using the Wheel Lock

The wheel lock should be used when getting in or out of the mobility base and on uneven ground. To engage the wheel lock:

1. Press the brake down with the tip of your foot (Fig. 7).
2. To disengage, pull the brake bar up with the tip of your foot (Fig. 7).

Fig. 7



IV. MOBILITY BASE USE & CONFIGURATION

G. Adjusting Suspension

The suspension can be adjusted continuously according to the user's weight and the conditions of the road/surface:

1. Twist the adjustment rings on both sides of the frame equally (Fig. 8:A).

NOTE: Turning the adjustment rings CLOCKWISE will make the suspension TIGHTER. Turning the adjustment rings COUNTERCLOCKWISE will make the suspension SOFTER.

2. Ensure the adjustment rings are in the same position on both sides. The four marks can be used for orientation (Fig. 8:B and Fig 9:A).

Fig. 8

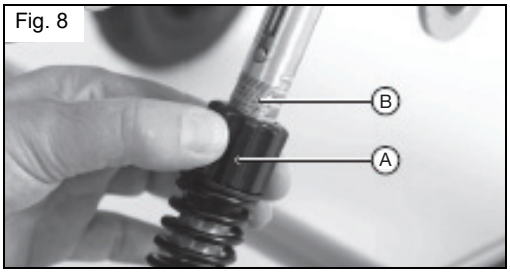
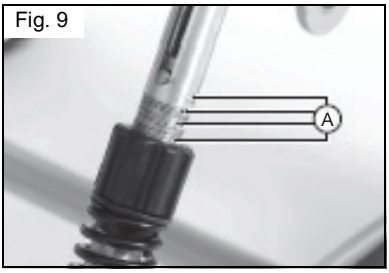


Fig. 9



The chart below shows the recommended settings for the spring tension:

User Weight	Marking*
Up to 22 lbs (Up to 10 kg)	Up to 1st marking from the top
Up to 44 lbs (Up to 20 kg)	Up to 2nd marking from the top
Up to 66 lbs (Up to 30 kg)	Up to 3rd marking from the top
Up to 88 lbs (Up to 40 kg)	Up to 4th marking from the top
*Reference Point: Upper edge of the plastic adjustment nut. Reference Fig. 9.	

H. Front Wheels with Integrated Swivel Lock

The Little Wave Tyke can be equipped with swiveling front wheels to make steering easier and increase directional stability on uneven ground. If needed, the caster wheels can be locked with the integrated swivel lock.

Activating the Caster Swivel Lock

1. Pull the caster swivel lock casing forward (Fig. 10).
2. Push the mobility base forward until the caster wheels click audibly into the lock casings.

Deactivate the Caster Swivel Lock

1. Push the caster swivel lock casing towards the seat (Fig. 10) to release the caster wheels.

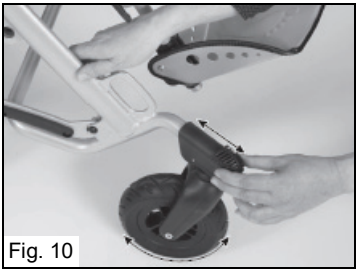


Fig. 10

IV. MOBILITY BASE USE & CONFIGURATION

I. Storage Bag

The storage bag can hold a maximum load of 15 lbs (7 kg). The storage bag can be removed for cleaning purposes. To install storage bag:

1. Fasten the storage bag to the frame using the snaps and hook-and-loop fasteners (Fig. 11:A & Fig. 12:A).

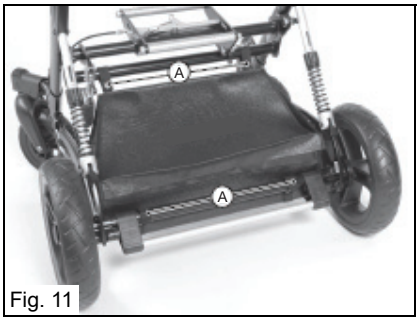


Fig. 11

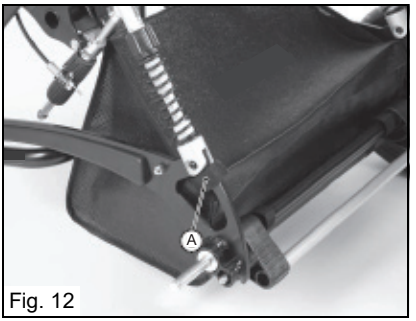


Fig. 12

J. Disassembly and Transport

⚠CAUTION⚠

CAUTION: When folding out the backrest, only grip by the specified components. Crushing and pinching may occur due to incorrect handling while folding.

To Prepare the Little Wave Tyke for Transport in a Vehicle:

1. Pull up on the release handles of the folding mechanism (Fig. 13).

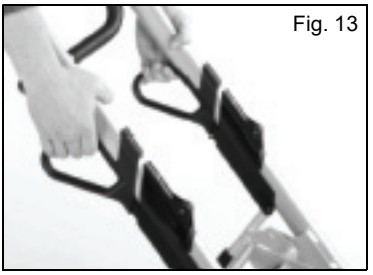


Fig. 13

2. Fold the push bar over the seat to fold up the mobility base (Fig. 14).

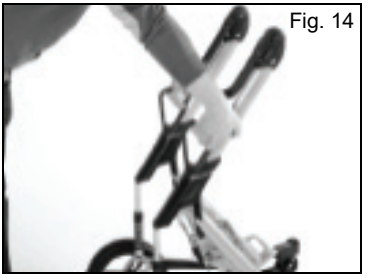


Fig. 14

IV. MOBILITY BASE USE & CONFIGURATION

J. Disassembly and Transport (Continued)

3. To save additional space, fold up the push bar handle.
4. If needed, press down the locks on the rear wheels and pull the wheels outward.
5. Place the mobility base in the vehicle and use transport locks to secure it from sliding (Fig. 15 for completed image).

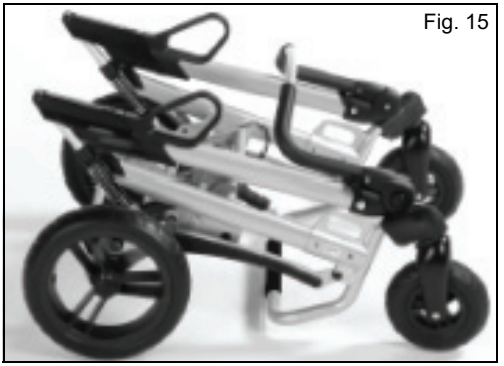


Fig. 15

K. Ascending Stairs

⚠WARNING⚠

WARNING: Do not ascend stairs without the assistance of at least two people who are trained on the below steps and are able to handle the weight of the rider and the mobility base. Ascending stairs can be challenging and may result in a fall that could result in damage to your mobility base, serious injury or death to the child and/or those assisting.

NOTE: When ascending a set of stairs the child should be facing the bottom of the stairs.

1. Position one person behind the child and one person in front. The person in front and back must hold on to a non-removable part of the mobility base.
2. The person behind the child tilts the mobility base back and both attendants lift together. Take one step at a time.

L. Descending Stairs

⚠WARNING⚠

WARNING: Do not descend stairs without the assistance of at least two people who are trained on the below steps and are able to handle the weight of the rider and the mobility base. Descending stairs can be challenging and may result in damage to the mobility base, serious injury or death to the child and/or those assisting.

NOTE: When descending stairs, the child should be facing the top of the stairs.

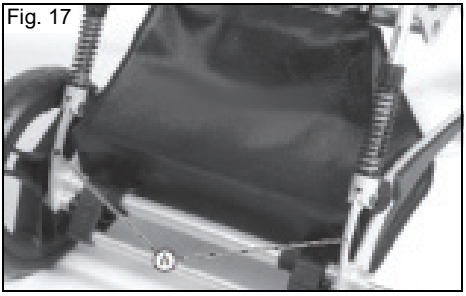
1. Position one person behind the child and one person in front. The person in front and back must hold on to a non-removable part of the mobility base.
2. The person behind the child tilts the chair backward and guides the mobility base down the stairs slow and one step at a time on the rear wheels of the chair.

IV. MOBILITY BASE USE & CONFIGURATION

M. Transit Use

Fig. 16

Fig. 17



Before using the mobility base in a vehicle for transporting persons with reduced mobility, the seating unit must be adjusted so the child faces forward in the direction of travel and the seat angle is horizontal and secured. To activate the locking mechanism:

1. Turn the top knob to the right and adjust the seat bottom so it is horizontal (adjusting the seat angle).
2. Pull out the locking pin, rotate it to the left and reinsert (Fig. 18:A). The locking pin is now engaged (Fig. 19).
3. Tilt the seat adapter (Fig. 19:A) against the locking pin. The seat adapter must contact the locking pin without play.

Fig. 18

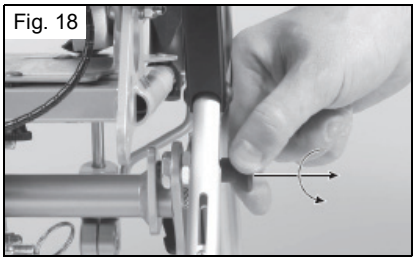
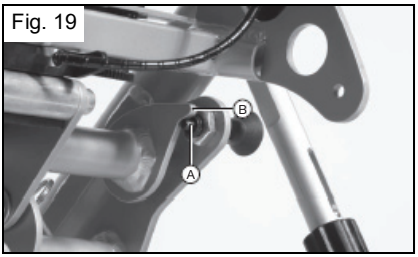


Fig. 19



After use in a vehicle for transporting persons with reduced mobility, the seat angle adjustment must be enabled again. To deactivate the locking mechanism:

1. Pull out the locking pin and secure it in the disengaged position by rotating it (Fig. 20).
2. The locking pin is disengaged (Fig. 21:A). The seat angle can now once again be adjusted by turning the top rotary knob.

Fig. 20

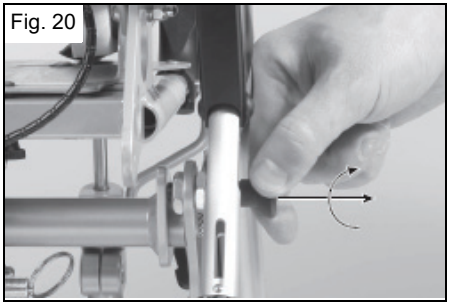
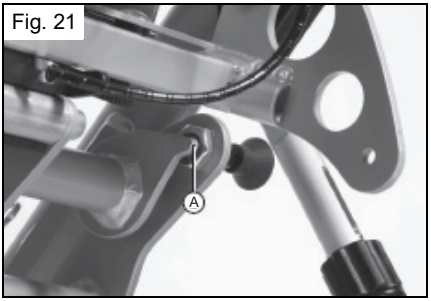


Fig. 21



V. MAINTENANCE AND CARE

A. Maintenance and Care

Regular maintenance and care may help extend the life of your Little Wave Tyke. During cleaning, component inspection is recommended. Additional maintenance information is in the Maintenance Interval Table below.

- The mobility base must be stored in a dry place. An ambient temperature between 14°F and 104°F (-10°C and +40°C) must be maintained.
- Tires contain chemical substances that can react with other chemical substances (e.g cleaning agents, acids).
- Direct exposure to sunlight or UV radiation causes the tires to age more quickly. As a result, the tread surface hardens and corner pieces break out of the tread.
- Avoid unnecessary parking outdoors. The tires should be replaced every 2 years regardless of wear and tear.

Maintenance Intervals				
Component	Activity	Before Each Use	Weekly	Monthly
Folding Mechanism	Check for wear			X
Seating Unit	Check attachment on mobility base			X
	Check locking of seat angle adjustment		X	
	Verify the function of knobs			X
Rear Wheels	Check the quick-release axles for secure seating	X		
	Check for true running of the wheels			X
Wheel Lock	Verify braking function	X		
Tires	Check the tread depth (minimum 1mm)			X
Wheels	Check that fit is free of play	X		
Suspension	Check for dirt/wear/instability			X
Footplate	Check for damage			X
	Check footplate and angle adjustment mechanism for stability			X
Adapters for Optional Features	Check adapters for damage			X
Padding/Straps	Check padding for proper condition			X
	Check belts for wear		X	
	Verify the belt buckle functionality	X		
Bearings	Check for dirt			X

Maintenance Tasks

To ensure smooth operation at all times, you, the caregiver or attendant with technical skills can maintain some parts of the product:

- Clean the area between the caster wheel and fork. Lubricate the caster axle with a few drops of thin, resin-free oil (e.g. sewing machine oil).
- Periodically lubricate the quick-release axle very lightly with thin, resin-free oil.
- Periodically lubricate the piston rods of the springs very lightly with thin, resin-free oil.
- Periodically check all hardware connections. If the same hardware loosens repeatedly, contact your authorized dealer.

V. MAINTENANCE AND CARE

B. Cleaning

Cleaning by Hand:

Clean all frame components and plastic parts using mild detergents only. Clean springs with a soft, dry brush to prevent wear.

Cleaning in a Washing Chamber:

1. Wash the device at a maximum temperature of 140°F (60°C) for 10 minutes.
2. If necessary, remove all components where water has accumulated.
3. Allow the device to dry. Set the folded device onto the back wheels and push handles so that water can run out (Fig. 22).

NOTE: It is recommended to dry your mobility base using compressed air.

4. If necessary, reinstall all components that were removed.
5. Ensure mobility base is entirely dry before storing or using.
6. Ensure that all labels are still legible. If not, replace labels by contacting your authorized dealer.

Fig. 22

C. Disposal

Return the product to the authorized dealer for disposal. All components of the product must be disposed of properly in accordance with the respective national environmental regulations.

VI. WARRANTY

Ki Mobility warrants the frame and quick-release axles of this mobility base against defects in materials and workmanship for 5 years for the original purchaser. All other Ki Mobility-made parts and components of this mobility base are warranted against defects in materials and workmanship for one year from the date of the first consumer purchase.

The expected life of the frame is five years.

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 mobility base serial number tag is removed or altered.
3. This warranty is VOID if the original mobility base 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.

Ki Mobility
5201 Woodward Drive
Stevens Point, Wisconsin 54481
715-254-0991

www.kimobility.com

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