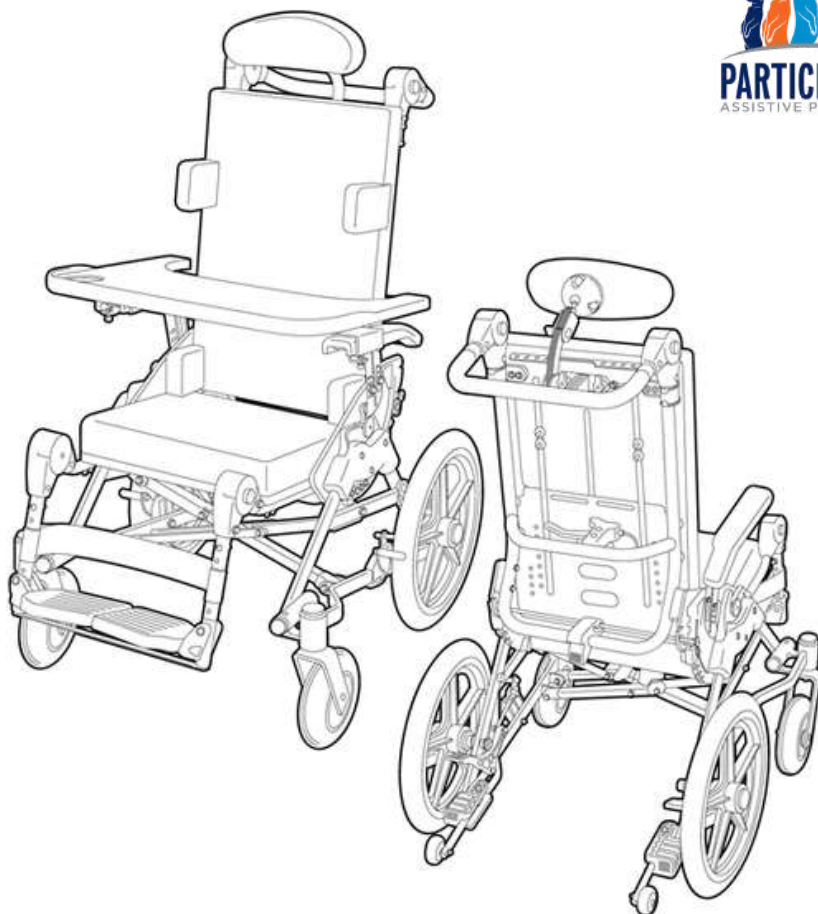




Cub Wheelchair

User Guide

Maintenance, Mobility, Health



Designed in California
www.participant.life

Visit our
support page

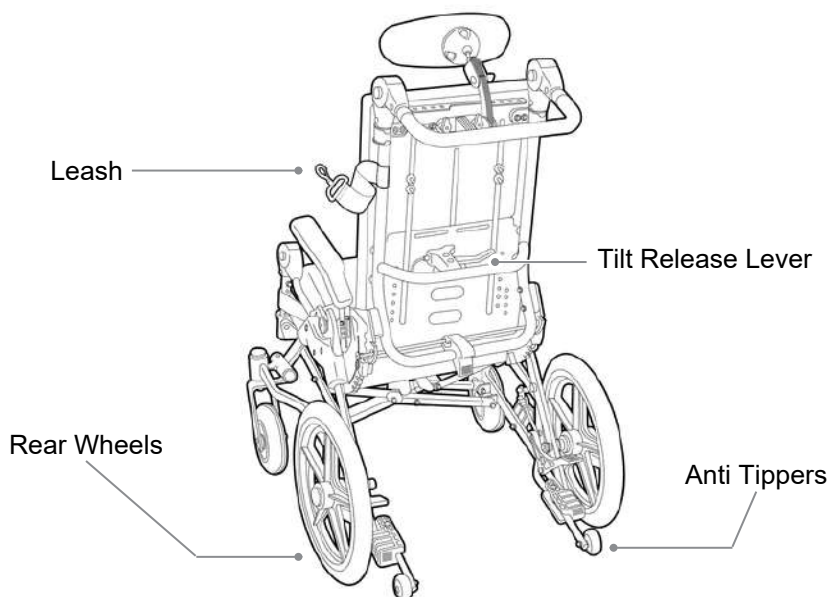
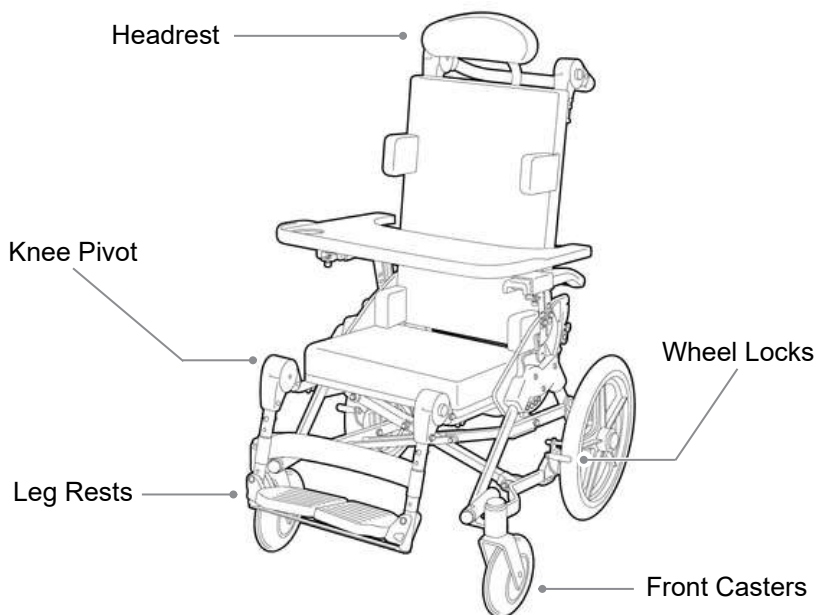
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This manual is available in accessible formats for people with visual, reading, or cognitive disabilities upon request.

Cub Wheelchair



Safety Warnings



For tilt and recline
Always use two hands



Read this manual
completely



Do not hang heavy
things on the back



Use wheel locks
when transferring,
tilting or reclining



Keep tires inflated to
pressure.
Noted on the tire
(if equipped)



Do not exceed user
weight limit
60 kg. / 132 lbs
+ 5 kg / 11 lbs
of accessories



Keep fingers clear
When tilting



Use wrist strap
To prevent run away



Always use seat belt



Never leave your
Child unattended



Therapist required
WHO WSTP-I
Recommended



QR Code
Watch videos
and learn more

Intended User / Indications for Use:

For mobility for persons who are limited to a sitting position and who need postural support for mobility and function.

Use Environment:

Indoors and outdoors on smooth, dry, solid surfaces with inclines less than 9 degrees.

Vehicles and Transportation:

Users should NOT be seated in Cub while inside of a moving vehicle. The Cub seat is NOT designed for use as a car seat.

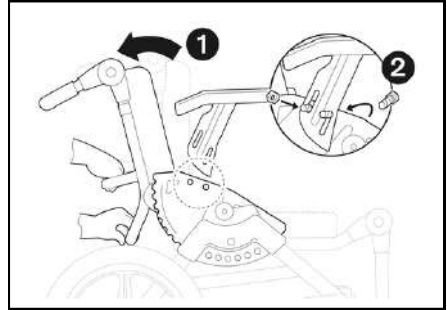
Use On Furniture:

The Cub Seat is only designed to be used with the Seat installed on the Base. If the Seat is used on the floor or on furniture, secure the seat so that it does not fall. Serious injury can result if the User and Seat fall.

Get Started

| HOW TO INSTALL THE ARMRESTS

1. Recline the backrest to expose the bolt holes. Then, bolt on the armrest with the nuts on the outside.

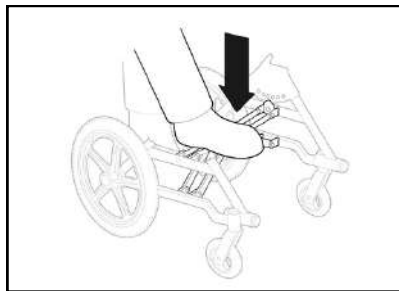
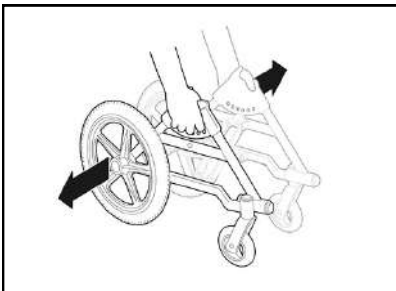


Caution

- Protect your back by using good technique when lifting the base, the Seat, or your child.
- Be careful of finger pinches. Cub has many folding parts.
- Avoid tipping over backwards! Always use the Anti-Tippers and never Tilt or Recline if the floor is not level.

| HOW TO OPEN THE BASE

1. Pull wheels apart completely.
2. Push down on the Grey Strap.
3. Step on both Wheel Locks to engage the brakes.



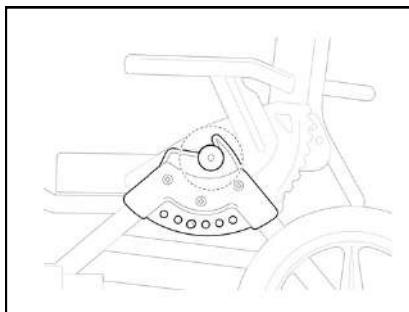
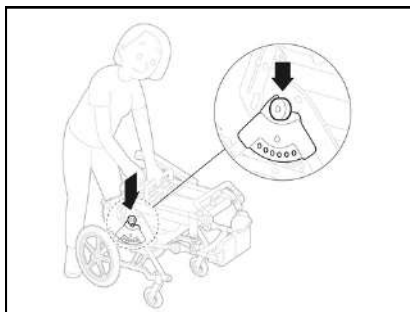
| HOW TO PUT ON THE SEAT

1. Squeeze the Tilt Lever and lift the Seat.

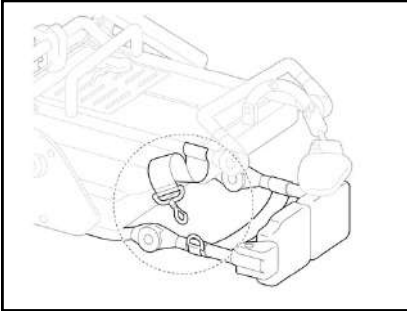
Note: For many people, this is easiest from behind the rear.



2. Align the Pivots with both Receivers, drop into place, and release the Tilt Lever.

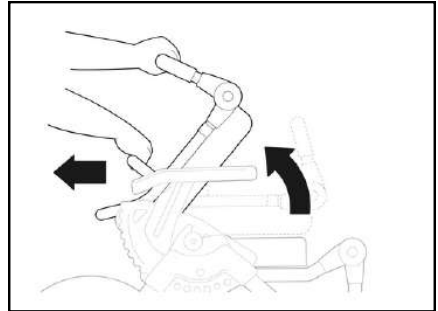
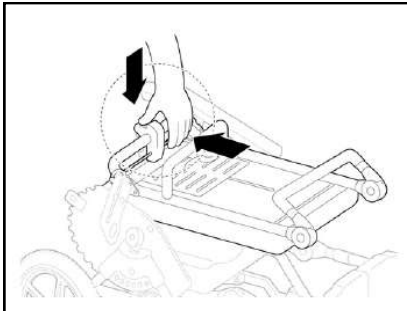


3. Unclip the Leash.



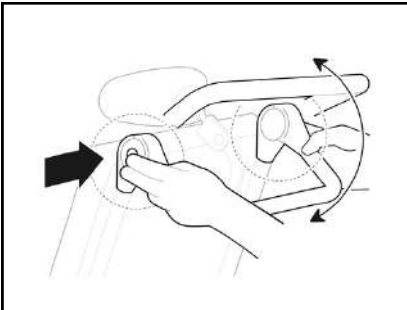
4. Open the Seat using the Recline Bar.

- I. Push the red Lever Lock forward with thumb.
- II. Squeeze the Recline Bar.
- III. Open the Seat to the preferred position.



5. Push buttons to move the Leg Rest and Push Handle

6. Re-adjust everything to fit the user's needs and double check the setup

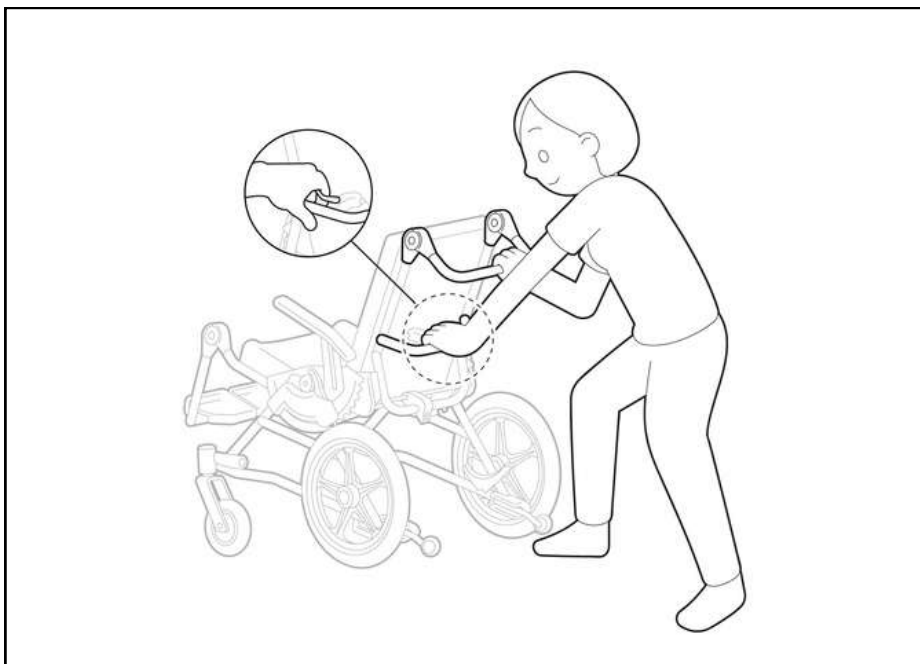


To fold Cub for Transport
Reverse the steps above.

| HOW TO TILT

Cub has an easy to use tilt. Frequent tilting improves comfort, health, and Participation. Tilt changes the angle of the Seat together with the Back.

1. Squeeze the Tilt Lever while holding the Push Handle firmly.
2. Release the Tilt Lever at the preferred position.
3. Listen for a snap and shake the Push Handle to check the lock.



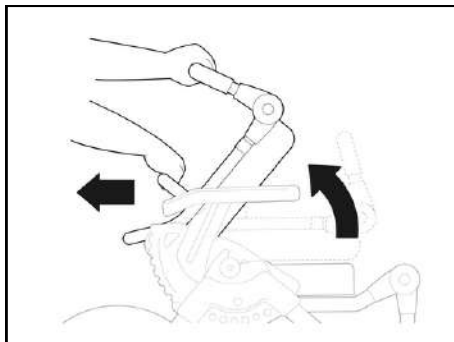
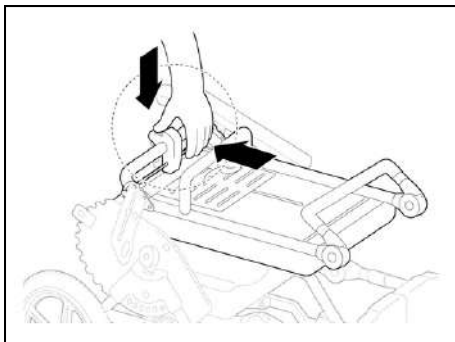
Caution

- Always use two hands - on the Push Handle and on the Tilt Lever.
- Be prepared to hold the user's weight when tilting.
- Use Wheel Locks when tilting.

| HOW TO RECLINE

Recline changes the angle of the Back separate from the Seat. Recline is tricky and will be set by the wheelchair provider. Recline angle is often a permanent setting because it disturbs other postural support settings. To release, the Recline Bar has two steps. This protects against accidental release.

1. Put your hands on the Push Handle and the Recline Bar.
2. Push the red Lever Lock forward with your thumb.
3. Squeeze the Recline Bar.
4. Open the Seat to the preferred position.
5. Listen for a snap and shake the Push Handle to check the lock.



Caution

- Always use two hands - on the Push Handle and on the Recline Bar.
- Be prepared to hold the user's weight when reclining.
- Use Wheel Locks when reclining.
- Reclining with the user in the seat may cause the lateral supports to move up on the user, causing discomfort.

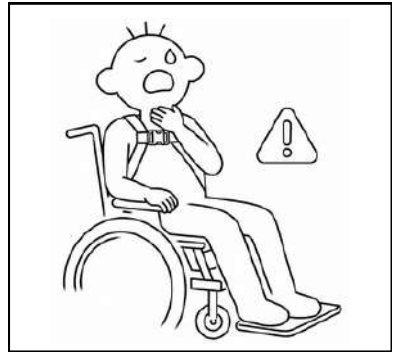
Accessories

| Seat Belt (Included)

- Cub comes standard with an adjustable 4 point Seat Belt.
- The seatbelt can be installed in many different positions to support each user's needs.
- Consult the wheelchair provider regarding questions or changes regarding the seat belt.

| Sternum Strap (Included)

- Cub comes with a butterfly style sternum strap to supply required support with comfort
- The sternum strap has quick releases for safety and convenience.
- Consult the wheelchair provider for changes.

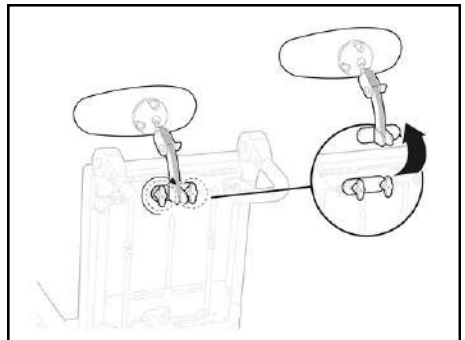


Caution

- Always position the sternum strap near the bottom of the sternum.
- Never position the strap near the neck or throat.
- Ensure the strap is properly adjusted and securely fastened, allowing safe breathing and movement.
- Regularly check that the strap has not shifted upward during use.

| Headrest (Included)

- Not all users need a headrest. A headrest should always be used when tilting.
- The Headrest can be removed but always return to the same position.
- Consult the wheelchair provider for changes.



| Anti-Tippers (Included)

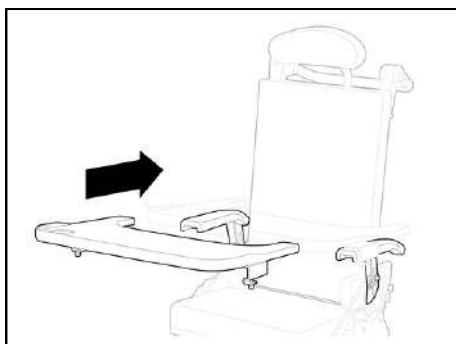
- Cub has fold out, foot activated Anti-Tippers which prevent the chair from falling over backwards.
- Use the Anti-Tippers when walking outside and when tilting.
- Close the Anti-Tippers when moving down a curb, down stairs, or over obstacles.
- Generally, to improve safety, it is best to keep the Anti-Tippers in the open, activated position.

Caution

Do not use the Anti-Tippers for lifting.

| Tray (Included)

- Trays should only be used for functional tasks, not postural control or as a restraint.
- Slide the tray on to the armrests from the front and tighten the knobs to secure the tray.

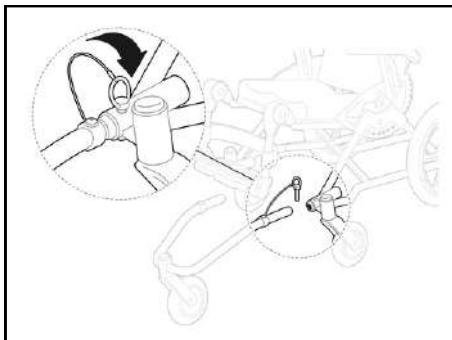


Caution

Do not use the Tray for lifting.

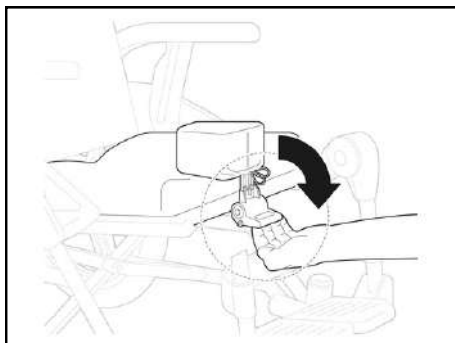
| All Terrain Accessory (Optional)

The All Terrain Accessory slides into the Tube Receivers and secures with pins.



| Abductor (Optional)

- The purpose of the Abductor is to separate the user's knees.
- Do not use the Abductor as a restraint and maintain an open area between the groin and the abductor.
- To release the Abductor pull the latch on the front and fold it down.



| Large Rear Wheels with Push Rims (Optional)

- Large Rear Wheels are appropriate for users who can turn or self propel in their Cub. As with all progress towards independence, this ability should be encouraged and supported.



For these 24-inch pneumatic tires: inflate to 350 kPa (3.5 bar / 50 PSI). Do not exceed max pressure indicated on the tire.

| Foot Straps (Optional)

- Foot straps allow positioning of the feet and can increase the sense of security.
- Recommended for temporary periods, not permanently or as a restraint.

Transfers

| Points to remember

- Use the Wheel Locks when transferring.
 - Always ask if you need help to avoid a fall or tip-over.
 - Fold the Leg Rest under the seat. Do not push up, off of the Leg Rest.
 - Position the wheelchair very close to the target transfer surface and at an angle.
 - Practice to build your transfer skill, technique, and safety. Practice with additional helpers until you are confident.
 - Get to know the transfer areas. Look for hazards and learn how to avoid them.
 - The target transfer surface (seat, bed, etc.) must be stable.
 - Allow the user to do as much as possible. This may include moving their hips forward, leaning forward, and using arms and legs to push up from sitting.
 - Communicate clearly and move on a count of three.
 - When assisting the user, use the strength legs, not your back.
-

| Stand and Pivot Transfer

Instructions for users who can stand up:

- Move to the front of the seat.
- Stand fully upright.
- Pivot in place, then sit down on the target transfer surface.

Instructions for users with assistants:

- Stand in front of the user with your feet shoulder width apart and with your knees bent for good balance.
- Place the user's hands around the assistant's waist or folded in their lap, but not around the assistant's neck. Help the user move to the front of the seat.
- Lean the user forward and slightly away from the target transfer surface.
- Use a forward and backward rocking motion to gain momentum to help the user to stand, pivot, and sit down on the target transfer surface.
- Remember to move together on a count of three. And, use leg strength, not back strength.
- A second assistant may be needed behind the user.

Daily Safety Check

Daily	Wheel Locks	• Check that the Wheel Locks stop the wheels completely. Caution Loose Wheel Locks can lead to injury.
	Rolling Quality	• Check that Cub rolls easily. • Check that the Tilt and Recline locks and work smoothly. • Listen for noises and rattles that indicate loose bolts.
	Rear wheels with push rims (if equipped)	• Check that tires are fully inflated. • Check that the Quick Release Axles are secure.
	Cleaning	• Clean wheelchair and cushions of moisture, bodily fluids, and food. This prevents problems with insects and with unpleasant odors. • Clean and dry the wheelchair when it is dirty or wet. • Wash the cushion covers using a mild laundry soap. • Dry the foam completely before installing the cover. • Dry in the shade, not in direct sunlight or in a machine.
	Tires	• If equipped, inflate so that the tires are very firm when pinched. Make a note of how the tires feel when the tires are inflated to the recommended pressure. • Fix any punctures immediately.

Monthly Safety Check

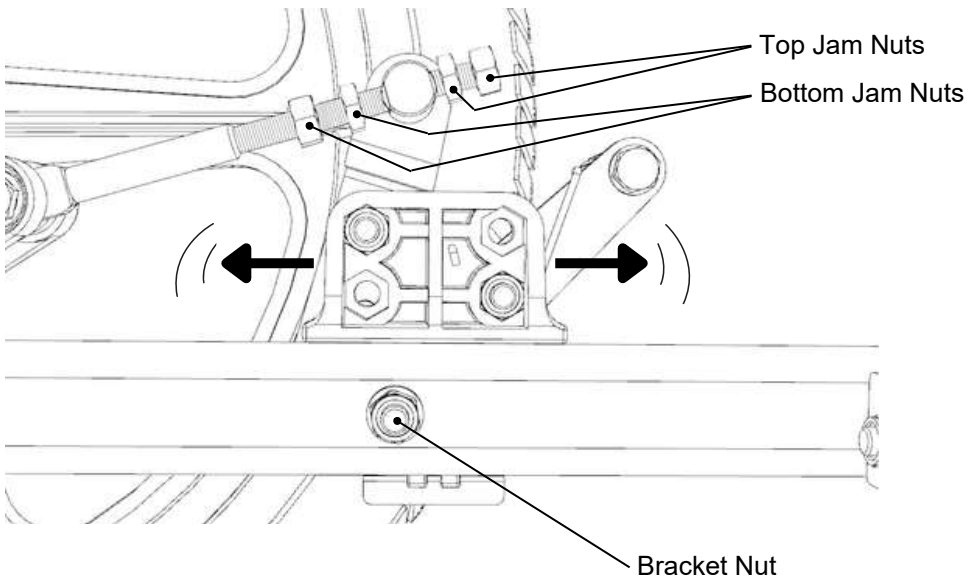
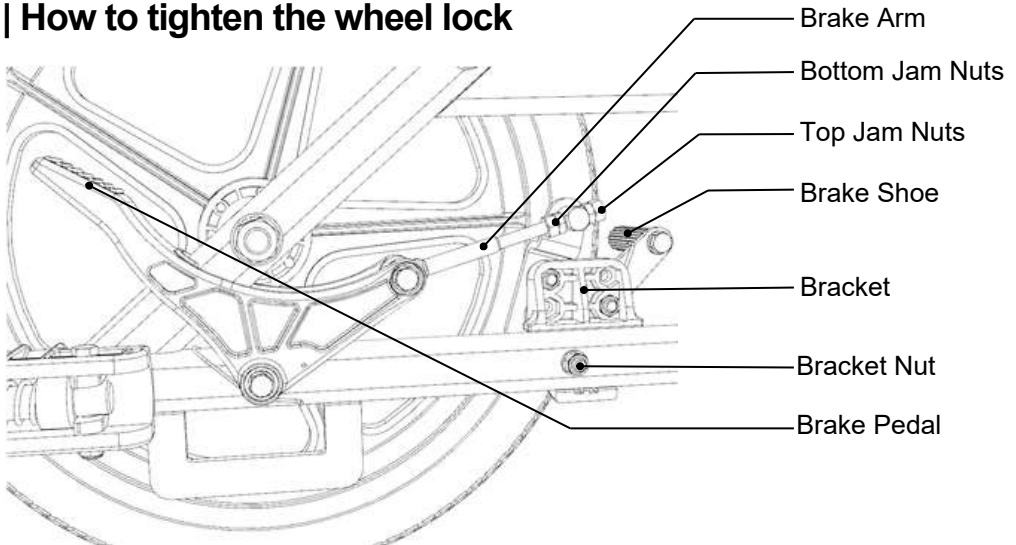
	Wheel Locks	Wheel Locks Tighten the Wheel Lock so that the wheels are stopped tightly. See illustration below. Caution Loose Wheel Locks can lead to injury.
		Cushions ● Check the cover for tears. Repair as needed. ● Check the foam for permanently compressed or hard areas. ● Replace as needed. Caution Cushions wear out over time (2 - 4 years) and are less effective in preventing pressure sores.
		Rear Wheels ● Check for a smooth spin. Clean, lubricate, or replace bearings as needed. ● Tighten spokes as needed. The wheel should spin without moving left and right. ● Replace broken spokes. ● Look for wear or cracks in the solid tires. Replace as needed.
		Hand Rims / Push Rims ● Keep the bolts tight. ● Check for sharp edges.

Monthly	Inspect and Repair	Base ● Look for rust, cracks, and sharp edges on the frame. ● Seek repairs or welding for the aluminum frame as needed.
	Cleaning	● Clean the wheelchair using water and mild soap. ● Clean the cushion as explained above.
	Oil Moving Parts	● Common bicycle oil is OK. Wipe off excess oil. ● Do not use: automotive engine oil, penetrating oils and degreasers (like WD-40), sewing machine oil, or cooking oils. ● Do not oil the sealed bearings in the wheels. ● Common parts to oil include: Wheel Lock, Frame mechanisms, Tilt cable, Recline Bar, Seat folding joints, Tilt pin.
	Tighten Bolts	● Check all bolts and keep them tight. ● Do not overtighten or use large wrenches, the bolts will break. ● Check: postural supports, wheel axles, Push Rims, Wheel Locks, armrests, Leg Rests, Base, and other parts.
	Storage	● Store Cub in a dry area. Important: Moisture will cause corrosion and destroy Cub. ● Before using Cub, make sure it is in proper working order. Inspect and service all items included in this Manual. ● If you store Cub for more than three months, inspect it carefully before use. ● If you store Cub outside, cover it completely.

Monthly	Wheel Locks	Rear Wheel Quick Release Axles (if equipped) ● Check that the wheel is tight against the frame. Using the adjustment nut, shorten the axles if necessary. ● Check that the axles lock securely. If the mechanism becomes sticky, disassemble it and clean thoroughly. This is important to prevent a fall.
		Front Wheels / Caster Wheels ● Check that the wheels spin smoothly. If necessary remove hair, clean, lubricate, or replace bearings. ● Check the tires for cracks and extreme wear. Replace as needed.
		Leg Rests Check the bolts for tightness and check for any sharp edges. Smooth sharp edges with sandpaper.

Wheel Lock Adjustment

| How to tighten the wheel lock

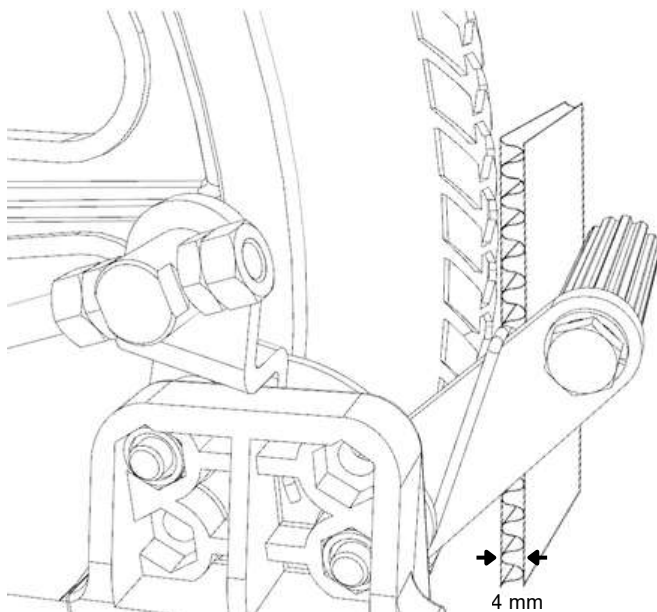


1. Loosen Nuts.

Loosen Bracket Nut.

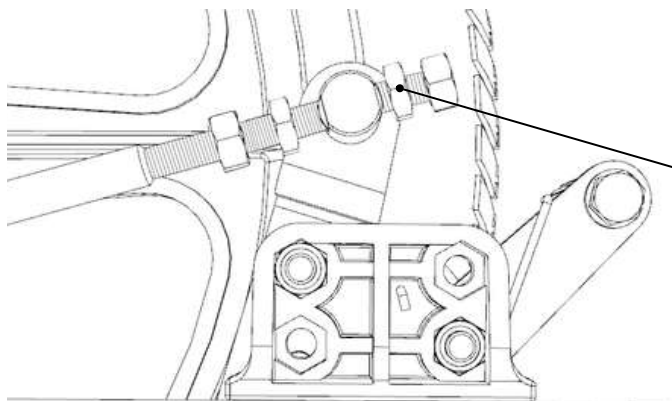
Loosen the Jam Nuts.

The Bracket And Brake Arm will be loose.



3. Set a gap between Tire and Brake Shoe to 4 mm.

You can use a spacer to set the gap between the tire and the Brake Shoe. A piece of thick cardboard might work well. Tighten the Bracket Nut.



4. Top Jam Nut: tighten, test, repeat.

Tighten the top Jam Nut a few turns. Then push down the Brake Pedal. The good position will lock tightly and make a "Snap" sound. Repeat. Tighten a few turns, then test. Finally, tighten the Bottom Jam Nuts. Tighten the nuts against each other so they are secure.



Wheel Lock
Adjustment Video

Stability

| Modifications to Cub

- Consult your provider before you modify or adjust your chair.
- If you modify or adjust Cub, then it can effect ase the risk of a tip-over.
- Check stability before use if any of the following are changed: change to seat height or backrest angle, addition of a ventilator or oxygen bottle, and changes to the size of the wheels.
- After a change, use the Anti-Tippers until you are confident that there is no risk of a tip-over.
- Unauthorized modifications, including the use of parts not approved by Participant Assistive Products may change the chair structure. This will void the warranty and may cause a safety hazard.

| Daily Use Considerations

- Be careful when pushing Cub on a ramp or slope. Use the Wrist Leash to prevent the chair from running away.
- Do not hang bags or heavy weights on the back of the chair because this can cause a tip-over.
- Large changes in the user's weight or position may affect stability.

For more information on modifications to Cub, please visit our website.



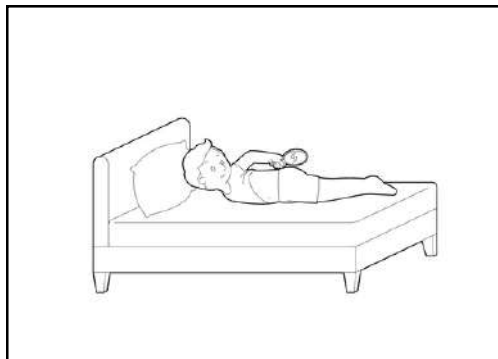
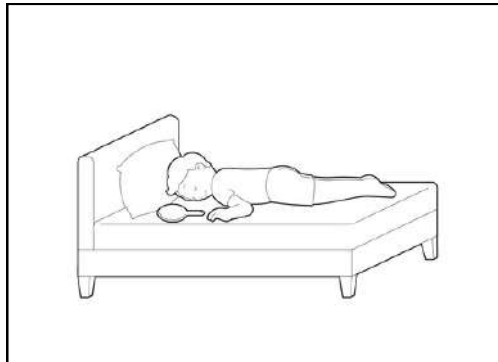
Taking Care of your Health

| How to Check for Pressure Sores

- Check daily either before getting out of bed in the morning or before going to sleep at night.
 - Use a mirror to check areas that are difficult to see.
-

| Taking Breaks from Sitting

- A rest break during the day may help to prevent pressure sores that can develop with long-term sitting.
- Lying on your stomach is a great way to take pressure off and provide a good general stretch to muscles, joints, and ligaments.



Remember

- A pressure sore can develop on any part of your body that touches the wheelchair within a short time.
- All wheelchair users are at risk of developing a pressure sore.
- It is MUCH easier to prevent a pressure sore than to treat one.
- Pressure sores can develop quickly and be life-threatening.
- Special at-risk areas include any bony area that is close to the skin.
- Pressure sores can be prevented by:
 - Creating good habits with pressure relief techniques
 - Tilt.
 - Position changes frequently.
 - Off weighting of buttocks (for 3 minutes every 20-30 minutes).
 - Get out of your wheelchair for breaks, lie down.
 - Lean forward in your chair.
 - Lean to the side in your chair.
 - Daily skin checks.
 - Use of a good cushion (pressure relief techniques should be used no matter how good the cushion is).
 - Keeping the cushion clean and dry.
 - Keeping good posture.
 - Changing positions regularly.
 - Checking your skin regularly.
 - Good hydration and nutrition.
 - Maintaining a healthy body weight.

Pressure Relief Techniques

| Tilt

Tilt gives great benefits to users who are unable to reposition themselves. Tilt helps with: pressure management, feeding and digestion, positioning, circulation, and many activities.

To manage pressure, tilt to a 45° angle for 3 minutes every 20-30 minutes. Also, build a habit of making regular adjustments.



Experiment with different angles for various activities to discover the best for the user.

Common angles and activities:

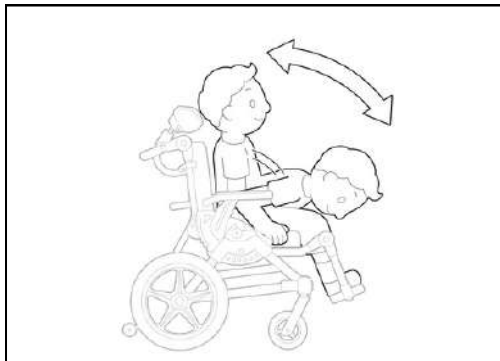
- To repositioning the user on the Seat, 30° - 45°.
- For feeding and digestion, upright 90° (vertical torso).
- For resting, use 30° - 45°.
- To relieve leg swelling, use 45° with the Leg Rest elevated.
- For dressing, use 30° - 45°.
- Transferring in and out of the chair, use 0 - 15°.

| Bend Forward, Push Up, and Side to Side Techniques

Use every 20 minutes, for 30 seconds so that the sit bones have no pressure on them.

Bend Forward

- Lean forward so there is no pressure on the sit bones.
- For safety, an assistant can stand in front of you while you lean forward.
- You may need assistance going down or getting up from this position.



Caution

This maneuver may cause dizziness in users with blood pressure problems.

Push Up

- Appropriate for users with upper body strength. Using the armrests, push up so there is no pressure on the sit bones.

Lean Side to Side

- Users without good trunk control (for example, with a high-level spinal injury), can hook an arm behind the push handle.
- Users with good trunk control can lean without holding on to the wheelchair.
- Lean so that the left side sit bone has no pressure on it, then switch sides.

Moving with Cub

| Points to remember

- A wheelchair service provider should train users and caregivers on mobility skills.
- Practice with additional helpers, until you can do the skills with safety and confidence.
- Always use the seat belt.

Caution

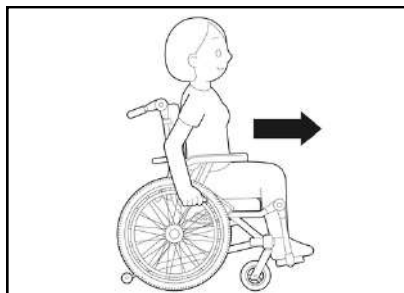
Use extra caution and try avoiding wet, uneven, or soft surfaces.

| Rolling Forward Using Push Rims

Grasp the hand-rims with both hands, bend forward and push evenly with both hands. Think of a clock and move your hands from the 10 o'clock position to the 2 o'clock position.

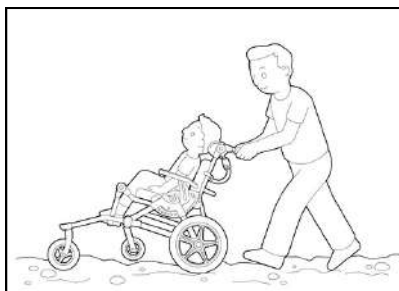
Tip:

To keep hands clean and to improve grip, it is helpful to wear gloves with the fingertips removed.



| Pushing the Wheelchair over Rough Terrain

- Install the All Terrain Accessory and push forward over obstacles.
- When not using the All Terrain Accessory. Grasp the push handle and tilt the wheelchair back to the balanced wheelie position.



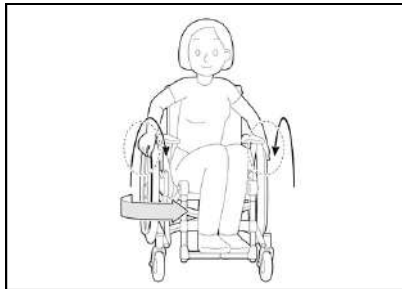
Tip:

For leverage, place a foot on the Tipping Lever while pulling the push handle backwards.

- With the wheelchair in wheelie position, push over obstacles.

| Turning

- Push forward with one hand while the other hand is pulling backward or slowing the wheel.
- To maintain good balance always look in the direction of the turn.



| Stopping

- Lean back in the wheelchair.
- To slow down, tighten your grip on the push rim at about the 2:00 position.

Caution

Be careful not to stop too fast, as the wheelchair may tip forward.

| Ascending a Curb (Independently)

Caution

To avoid falling backwards, practice with a helper behind the chair.

- Face the curb squarely and move slowly.
- Push the handrim quickly forwards to lift the front wheels off of the ground.
- When the rear wheels contact the curb, lean forward and push forward powerfully.
- Sit up and wheel away.

| Ascending or Descending a Curb (with Assistance)

- Fold away the Anti-Tippers.
- The assistant firmly grasps the push handles and tips the wheelchair back to the balanced wheelie position. The user leans back and, if able, helps with the push rims.
- In a balanced wheelie, the assistant pulls the user up or down the curb. Go slowly.
- The assistant should use the strength of their legs, not their back. Keep arms and back straight.



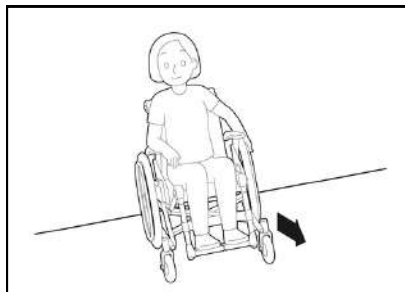
| Ascending Slopes

- For gentle slopes, the user leans forward and pushes using the push rims.
- If the slope is steep, the assistant should be behind the chair and ready to assist.
- For steep slopes, instead of going straight up, make a Z or zig zag path.
- Use the Wrist Strap.

| Rest Position

Tip:

When going up or down a slope, you can stop and rest by turning the wheelchair sideways so that the wheels are perpendicular to the slope. Use the wheel locks.



| Descending Slopes

- Lean backwards and place hands on the hand-rims at the 1 o'clock position. Let the hand-rims slide through your fingers.
- To slow down or stop, tighten your grip on the hand-rims.
- Use the Wrist Strap.

Tip:

Wearing gloves can keep hands clean and prevent hands from becoming hot.

Performance characteristics: maximum obstacle height 75 mm; maximum slope 11°; indoor/outdoor use; tested per ISO 7176.

| Parking Brake Operation

- To activate the brake: press both brake levers fully until the wheels are locked. Always test before use.

Caution

Do not use the parking brakes on slopes more than 11°

| Stairs - Up and Down

This requires at least two assistants for multiple stairs— one assistant may be able to handle one or two steps. Make sure there is enough help for the situation.



Caution

Hold the Base, not the Leg Rest, armrests, headrest, etc.
The Leg Rest will break if used for lifting!

| Moving Up and Down Stairs

- Fold away the Anti Tippers.
- Position the wheelchair with the rear wheels against the bottom step.
- The rear assistant tilts the wheelchair back into a balanced wheelie.
- The front assistant holds the front of the Base frame—NOT the Leg Rest or the user.
- On the count of three (the user or one of the assistants should be designated to count), the rear assistant pulls up and back, the front assistant pushes straight backwards (towards the steps), and the user helps as much as possible with his or her hands on the push rims.
- The assistants move up, then the wheelchair & user move up. They should never all move at the same time. Ensure good footing, balance and control at each step.
- Repeat this process, making sure to steady the wheelchair on each step.
- Communication is key!

Regulatory and Safety Information

| Location of serial number

- You can find this label under the seat plate of Cub



| Manufacturer Information

- Participant Assistive Products, PO Box 156614, San Francisco, CA 94115, USA. www.participant.life · hello@participant.life

| Authorized Representative in EU

- Riomavix S.L.(ES-AR-000001202)
Calle de Almansa 55, 1D, Madrid 28039 Spain



| Revision Date of this User Manual

- 01/2025

| Service Life Expectancy

- The expected service life of the Cub wheelchair frame is 5 years under normal use. Seat and cushions should be replaced every 2–4 years or earlier if wear is evident.

| Cleaning & Reuse Guidance

- Cub is suitable for reuse by multiple users after cleaning and disinfection. Clean all surfaces with mild soap and water; disinfect with alcohol-based or hospital-grade disinfectant. Do not reuse if cracks, deformation, or corrosion are visible.

| Recycling & Disposal



Recycle the aluminum frame and steel parts as scrap metal. Dispose of polyurethane foam cushions as household waste. Rubber tires may be recycled where local facilities exist.

| Safety Notices & Recalls

- For safety notices, recalls, and updates, visit www.participant.life/cub_support

| Repairs & Servicing

- For repairs and servicing, contact Participant Assistive Products at hello@participant.life or consult your authorised distributor.

| Warnings: External Influences

- Do not expose Cub to extreme heat ($>70^{\circ}\text{C}$), cold ($<-10^{\circ}\text{C}$), strong magnetic fields, or high humidity ($>90\%$). These may impair function or damage materials.

| Electromagnetic Interference

- This device may interfere with automatic doors, shop alarms, or other equipment that emits electromagnetic fields. Maintain distance where possible.

| Ignition resistance

- Materials used in Cub comply with ISO 7176-16 ignition resistance requirements.

| Incident Reporting

- Any serious incident related to the Cub wheelchair must be reported to Participant Assistive Products and to the competent authority of your Member State.

| Regulatory Compliance and Medical Device Status

- The Cub wheelchair is a Medical Device Class I according to the Medical Device Regulation (EU) 2017/745 (MDR). By affixing the CE mark, Participant Assistive Products declares that the product is in compliance with this regulation.

Participant Limited Warranty

Frame, wearing parts, and consumable parts are guaranteed to be free of defects when the undamaged packing box is first opened. Consumable parts, such as tires and bearings, are not covered by warranty after first opening of the box. Wearing parts and components, such as brake levers and various moving parts on the Seat, are covered by warranty for the first 12 months after opening of the box. The frame is covered for 3 years. Moving parts covered for 6 months. Tires and consumables not covered. Warranty valid with serial number and proof of purchase.

Modifications to the frame, inadequate storage, abuse, or failure to do maintenance will invalidate the warranty.

Parts:

To order parts, see repair videos, and for adjustment advice, please visit:
www.participant.life

Packaging:

If packaging is damaged or opened before use, do not use the product. Contact your supplier immediately.

