

# BREEZY



## *Breezy® Ultra 4*

SUPPLIER: THIS MANUAL MUST BE GIVEN TO THE RIDER OF THIS CHAIR.  
RIDER: BEFORE USING THIS WHEELCHAIR, READ THIS ENTIRE MANUAL AND SAVE FOR FUTURE REFERENCE.

Indications for use: To provide an optional means of mobility for physically challenged people.

*User Instruction  
Manual &  
Warranty*

## *Breezy® Ultra 4*

DISTRIBUIDOR: ESTE MANUAL DEBE SER ENTREGADO AL PASAJERO DE ESTA SILLA DE RUEDAS.  
CONDUCTOR: ANTES DE USAR ESTA SILLA DE RUEDAS, LEA ESTE MANUAL EN SU TOTALIDAD Y  
GUÁRDELO PARA FUTURA REFERENCIA.

Uso para el que está destinado: Como medio alternativo de movilidad para personas con algún tipo de limitación física.

*Manual de  
Instrucciones y  
Garantía para  
el Usuario*

## *Breezy® Ultra 4*

FOURNISSEUR : CE MANUEL DOIT ÊTRE REMIS À L'UTILISATEUR / UTILISATRICE DE CE FAUTEUIL ROULANT.  
UTILISATEUR / UTILISATRICE : AVANT D'UTILISER CE FAUTEUIL ROULANT, LISEZ ENTièrement CE MANUEL  
ET CONSERVEZ-LE POUR LE CONSULTER ULTÉRIEUREMENT.

Indications : pour procurer un autre moyen de locomotion aux personnes aux prises avec des difficultés physiques.

*Manuel de  
l'utilisateur et  
garantie*

## INTRODUCTION

### SUNRISE LISTENS

Thank you for choosing a Breezy wheelchair. We want to hear your questions or comments about this manual, the safety and reliability of your chair, and the service you receive from your supplier. Please feel free to write or call us at the address and telephone number below:

**Sunrise Medical**  
Customer Service Department  
7477 East Dry Creek Parkway  
Longmont, CO 80503  
(303) 218-4600 or (800) 333-4000

### FOR ANSWERS TO YOUR QUESTIONS

Your authorized supplier knows your wheelchair best, and can answer most of your questions about chair safety, use and maintenance. For future reference, fill in the following:

Supplier: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Serial #: \_\_\_\_\_

Date/Purchased: \_\_\_\_\_

This manual contains important safety and maintenance instructions. Please read it carefully before using your wheelchair and refer to it as often as needed for safe and efficient use.

If you have questions regarding the safe use and/or assembly, maintenance or specifications of your wheelchair, contact Customer Service at 800-333-4000, 303-218-4600 or from Canada at 800-263-3390. Please have the Model and Serial Number of the product available.

For service and repair, remember your authorized Sunrise Medical dealer is able to provide the assistance you need.

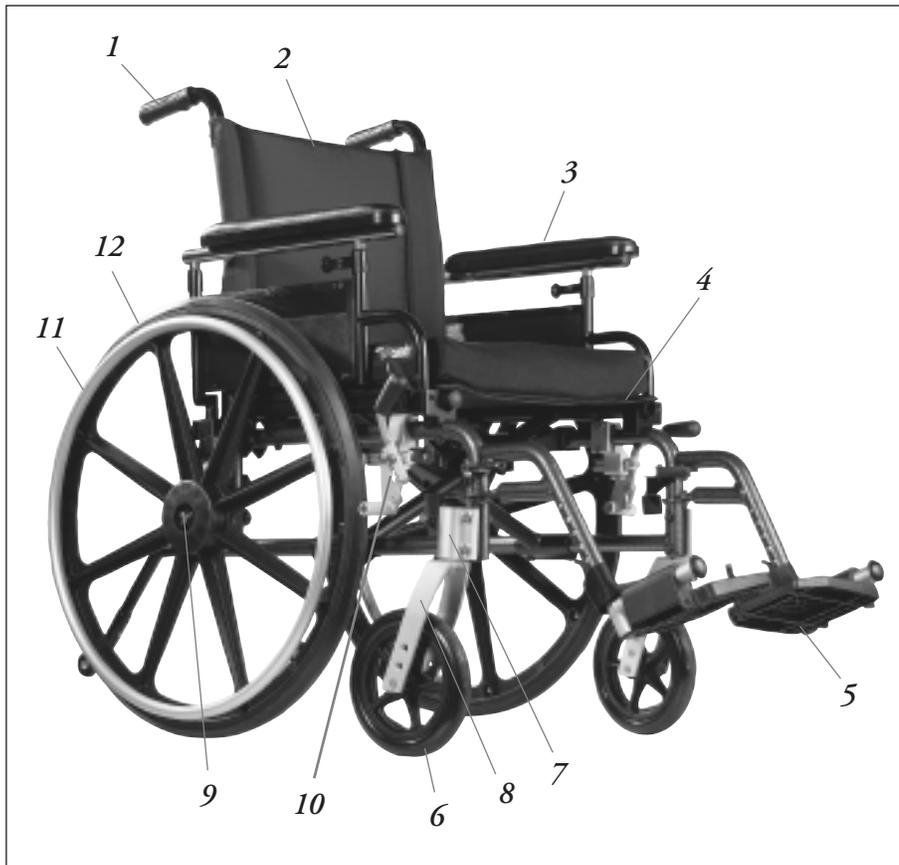
Keep this manual in a safe place for future reference.

## SAVE THESE INSTRUCTIONS.

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## III. WHEELCHAIR COMPONENTS



1. Push handles
2. Backrest sling upholstery
3. Armrest
4. Seat sling upholstery—  
shown w/optional cushion
5. Swing-Away Footrest
6. Casters
7. Caster housing
8. Fork
9. Quick-release axles
10. Wheel locks
11. Handrim
12. Rear wheel

## BREEZY ULTRA 4

## SPECIFICATIONS:

Colors	Black, Blue, Forest Green, Silver Texture, Silver Polished
Frame	Standard, Ultra Hemi
Seat Width & Depth	14"x14", 14"x16", 16"x16", 16"x18", 18"x16", 18"x18", 20"x16", 20"x18"
Seat Sling	Nylon Padded with Velcro, Nylon Non-Padded with Velcro
Back Type	Adjustable (17"-19"), Angle Adjustable Back (17"-19")
Armrest	Flip Back Fixed Height, Flip Back Height Adjustable
Armpad	Desk, Full
Front Hanger	Swing-Away, Elevating Legrest
Front Caster	6" Polyurethane, 6" Solid, 8" Polyurethane, 8" Solid
Rear Wheel Size	20", 22", 24"
Rear Wheel Tire	Full Profile Polyurethane (20" only), Low Profile Polyurethane, Pneumatic Airless Insert
Handrim	Aluminum, Plastic-Coated
Wheel Locks	Push-To-Lock, Pull-To-Lock

\*Specifications are subject to change

\*\* Limitations/No-Goes exist with certain options, consult an order form

## IV. NOTICE– READ BEFORE USE

### A. CHOOSE THE RIGHT CHAIR & SAFETY OPTIONS

Sunrise provides a choice of many wheelchair styles to meet the needs of the wheelchair rider. However, final selection of the type of wheelchair, options and adjustments rest solely with you and your health care advisor. Choosing the best chair and set-up for your safety depends on such things as:

1. Your disability, strength, balance and coordination.
2. The types of hazards you must overcome in daily use (where you live and work, and other places you are likely to use your chair).
3. The need for options for your safety and comfort (such as anti-tip tubes, positioning belts, or special seating systems).

### B. REVIEW THIS MANUAL OFTEN

Before using this chair you, and each person who may assist you, should read this entire manual and make sure to follow all instructions. Review the warnings often, until they are second nature to you.

### C. WARNINGS

The word “WARNING” refers to a hazard or unsafe practice that may cause severe injury or death to you or to other persons. The “Warnings” are in four main sections, as follows:

#### 1. V. GENERAL WARNINGS

Here you will find a safety checklist and a summary of risks you need to be aware of before you ride this chair.

#### 2. VI. WARNINGS: FALLS & TIP-OVERS

Here you will learn how to avoid a fall or tip-over while you perform daily activities in your chair.

#### 3. VII. WARNINGS: FOR SAFE USE– ATTENDANTS

Here you will learn about practices for the safe use of your chair

#### 4. VIII. WARNINGS: COMPONENTS & OPTIONS

Here you will learn about the components of your chair and options you can select for safety. Consult your authorized supplier and your health care advisor to help you choose the best set-up and options for safe use.

**NOTE**– Where they apply, you will also find “Warnings” in other sections of this manual.

Heed all warnings in this section. If you fail to do so a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

## V. GENERAL WARNINGS

### A. WEIGHT LIMIT

#### WARNING

**NEVER** exceed the weight limit of 250 pounds (113 kilograms) for combined weight of rider and items carried. If you do exceed the limit, damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

### B. WEIGHT TRAINING

#### WARNING

**NEVER** use this chair for weight training if total weight (rider plus equipment) exceeds 250 pounds (113 kilograms). If you do exceed the limit, damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

### C. GETTING TO KNOW YOUR CHAIR

#### WARNING

Every wheelchair is different. Take the time to learn the feel of this chair before you begin riding. Start slowly, with easy, smooth strokes. If you are used to a different chair, you may use too much force and tip over. If you use too much force, damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

### D. TO REDUCE THE RISK OF AN ACCIDENT

#### WARNING

1. BEFORE riding, you should be trained in the safe use of this chair by your health care advisor.
2. After engaging wheel locks, practice bending, reaching and transfers until you know the limit of your ability. Have someone help you until you know what can cause a fall or tip-over and how to avoid doing so.
3. Be aware that you must develop your own methods for safe use best suited to your level of function and ability.
4. NEVER try a new maneuver on your own until you are sure you can do it safely.
5. Get to know the areas where you plan to use your chair. Look for hazards and learn how to avoid them.
6. Use anti-tip tubes unless you are a skilled rider of this chair and are sure you are not at risk to tip over.
7. Propel your chair using the handrim only. Do not propel the chair by placing your hands on the rear tires.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

### E. SAFETY CHECKLIST

#### WARNING

##### **Before Each Use Of Your Chair:**

1. Make sure the chair rolls easily and that all parts work smoothly. Check for noise, vibration, or a change in ease of use. (They may indicate low tire pressure, loose fasteners, or damage to your chair).
2. Repair any problem. Your authorized supplier can help you find and correct the problem.
3. Check to see that both quick-release rear axles are locked. When locked, the axle button will "pop out" fully. If not locked, the wheel may come off and cause you to fall.
4. If your chair has anti-tip tubes, lock them in place.

**NOTE**— See "Anti-Tip Tubes" (Section VIII) for times you should not use them.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

## F. CHANGES & ADJUSTMENTS

### WARNING

1. If you modify or adjust this chair, it may increase the risk of a tip-over UNLESS you make other changes as well.
2. Consult your authorized supplier BEFORE you modify or adjust your chair.
3. We recommend that you use anti-tip tubes until you adapt to the change, and are sure you are not at risk to tip over.
4. Unauthorized modifications or use of parts not supplied or approved by Sunrise may change the chair structure. This will void the warranty and may cause a safety hazard.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

## G. ENVIRONMENTAL CONDITIONS

### WARNING

1. Use extra care if you must ride your chair on a wet or slick surface. If you are in doubt, ask for help.
2. Contact with water or excess moisture may cause your chair to rust or corrode. This could cause your chair to fail.
  - a. Do not use your chair in a shower, pool or other body of water. The chair tubing and parts are not water-tight and may rust or corrode from the inside.
  - b. Avoid excess moisture (for example, do not leave your chair in a damp bathroom while taking a shower).
  - c. Dry your chair as soon as you can if it gets wet, or if you use water to clean it.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

## H. TERRAIN

### WARNING

1. Your chair is designed for use on firm, even surfaces such as concrete, asphalt and indoor floors and carpeting.
2. Do not operate your chair in sand, loose soil or over rough terrain. This may damage wheels or axles, or loosen fasteners of your chair.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

## I. STREET USE

### WARNING

**In most states, wheelchairs are not legal for use on public roads. Be alert to the danger of motor vehicles on roads or in parking lots.**

1. At night, or when lighting is poor, use reflective tape on your chair and clothing.
2. Due to your low position, it may be hard for drivers to see you. Make eye contact with drivers before you go forward. When in doubt, yield until you are sure it is safe.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**J. MOTOR VEHICLE SAFETY**** WARNING**

**Your wheelchair does not meet federal standards for motor vehicle seating.**

1. NEVER let anyone sit in this chair while in a moving vehicle.
  - a. ALWAYS move the rider to an approved vehicle seat.
  - b. ALWAYS secure the rider with proper motor vehicle restraints.
2. In an accident or sudden stop the rider may be thrown from the chair. Wheelchair seat belts will not prevent this, and further injury may result from the belts or straps.
3. NEVER transport this chair in the front seat of a vehicle. It may shift and interfere with the driver.
4. ALWAYS secure this chair so that it cannot roll or shift.
5. Do not use any chair that has been involved in a motor vehicle accident.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**K. WHEN YOU NEED HELP**** WARNING****For The Rider:**

Make sure that each person who helps you reads and follows all warnings and instructions that apply.

**For Attendants:**

1. Work with the rider's doctor, nurse or therapist to learn safe methods best suited to your abilities and those of the rider.
2. Tell the rider what you plan to do, and explain what you expect the rider to do. This will put the rider at ease and reduce the risk of an accident.
3. Make sure the chair has push handles. They provide secure points for you to hold the rear of the chair to prevent a fall or tip-over. Check to make sure push handle grips will not rotate or slip off.
4. To prevent injury to your back, use good posture and proper body mechanics. When you lift or support the rider or tilt the chair, bend your knees slightly and keep your back as upright and straight as you can.
5. Remind the rider to lean back when you tilt the chair backward.
6. When you descend a curb or single step, slowly lower the chair in one easy movement. Do not let the chair drop the last few inches to the ground. This may damage the chair or injure the rider.
7. To avoid tripping, unlock and rotate anti-tip tubes up, out of the way. ALWAYS lock the rear wheels and lock anti-tip tubes in place if you must leave the rider alone, even for a moment. This will reduce the risk of a tip over or loss of control of the chair.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**VI.WARNINGS: FALLS & TIP-OVERS****A. CENTER OF BALANCE****⚠ WARNING**

**The point where this chair will tip forward, back, or to the side depends on its center of balance and stability. How your chair is set up, the options you select and the changes you make may affect the risk of a fall or tip-over.**

1. The Most Important Adjustment Is:  
The position of the rear wheels. The more you move the rear wheels forward, the more likely your chair will tip over backward.
2. The Center Of Balance Is Also Affected By:
  - a. A change in the set-up of your chair, including:
    - The distance between the rear wheels.
    - The amount of rear wheel camber.
    - The seat height and seat angle.
    - Backrest angle.
  - b. A change in your body position, posture or weight distribution.
  - c. Riding your chair on a ramp or slope.
  - d. The use of a back pack or other options, and the amount of added weight.
3. To Reduce The Risk Of An Accident:
  - a. Consult your doctor, nurse or therapist to find out what axle and caster position is best for you.
  - b. Consult your authorized supplier BEFORE you modify or adjust this chair. Be aware that you may need to make other changes to correct the center of balance.
  - c. Have someone help you until you know the balance points of your chair and how to avoid a tip-over.
  - d. Use anti-tip tubes.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**B. DRESSING OR CHANGING CLOTHES****⚠ WARNING**

**Your weight may shift if you dress or change clothes while seated in this chair.**

**To reduce the risk of a fall or tip-over:**

1. Rotate the front casters until they are as far forward as possible. This makes the chair more stable.
2. Lock anti-tip tubes in place. (If your chair does not have anti-tip tubes, back it up against a wall and lock both rear wheels).
3. Engage your wheel locks.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**C. WHEELIES****⚠ WARNING**

**Doing a "wheelie" means balancing on the rear wheels of your chair while the front casters are in the air. It is dangerous to do a "wheelie" as a fall or tip-over may occur. However, if you do it safely, a "wheelie" can help you overcome curbs and obstacles.**

1. Consult your doctor, nurse or therapist to find out if you are a good candidate to learn to do a "wheelie".
2. Do not attempt a "wheelie" UNLESS you are a skilled rider of this chair, or you have help.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**D. OBSTACLES****⚠ WARNING**

**Obstacles and road hazards (such as potholes and broken pavement) can damage your chair and may cause a fall, tip-over or loss of control.**

**To avoid 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 Correct 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.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**E. REACHING OR LEANING****⚠ WARNING**

**If you reach or lean it will affect the center of balance of your chair. This may cause you to fall or tip over. When in doubt, ask for help or use a device to extend your reach.**

1. NEVER reach or lean if you must shift your weight sideways or rise up off the seat.
2. NEVER reach or lean if you must move forward in your seat to do so. Always keep your buttocks in contact with the backrest.
3. NEVER reach with both hands (you may not be able to catch yourself to prevent a fall if the chair tips).
4. NEVER reach or lean to the rear unless your chair has anti-tip tubes locked in place.
5. DO NOT reach or lean over the top of the seat back. This may damage one or both backrest tubes and cause you to fall.
6. If You Must Reach Or Lean:
  - a. Do not lock the rear wheels. This creates a tip point and makes a fall or tip-over more likely.
  - b. Do not put pressure on the footrests.

**NOTE**— Leaning forward puts pressure on the footrests and may cause the chair to tip if you lean too far.

- c. Move your chair as close as you can to the object you wish to reach.
- d. Do not try to pick up an object from the floor by reaching down between your knees. You are less likely to tip if you reach to the side of your chair.
- e. Rotate the front casters until they are as far forward as possible. This makes the chair more stable. Note: To do this: Move your chair past the object you want to reach, then back up alongside it. Backing up will rotate the casters forward.
- f. Firmly grasp a rear wheel or an armrest with one hand. This will help to prevent a fall if the chair tips.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**F. MOVING BACKWARD****⚠ WARNING**

**Use extra care when you move your chair backward. Your chair is most stable when you propel yourself forward. You may lose control or tip over if one of the rear wheels hits an object and stops rolling.**

1. Propel your chair slowly and smoothly.
2. If your chair has anti-tip tubes, make sure to lock them in place.
3. Stop often and check to be sure your path is clear.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**G. RAMPS, SLOPES & SIDEHILLS****⚠ WARNING**

**Riding on a slope, which includes a ramp or sidehill, will change the center of balance of your chair. Your chair is less stable when it is at an angle. Anti-tip tubes may not prevent a fall or tip-over.**

1. Do not use your chair on a slope steeper than 10%. (A 10% slope means: one foot in elevation for every ten feet of slope length.)
2. Always go as straight up and as straight down as you can. (Do not "cut the corner" on a slope or ramp.)
3. Do not turn or change direction on a slope.
4. Always stay in the CENTER of the ramp. Make sure ramp is wide enough that you are not at risk that a wheel may fall over the edge.
5. Do not stop on a steep slope. If you stop, you may lose control of your chair.
6. NEVER use rear wheel locks to try to slow or stop your chair. This is likely to cause your chair to veer out of control.
7. Beware Of:
  - a. Wet or slippery surfaces.
  - b. A change in grade on a slope (or a lip, bump or depression). These may cause a fall or tip-over.
  - c. A drop-off at the bottom of a slope. A drop-off of as small as 3/4 inch can stop a front caster and cause the chair to tip forward.
8. To Reduce The Risk Of A Fall Or Tip-Over:
  - a. Lean or press your body UPHILL. This will help adjust for the change in the center of balance caused by the slope or side hill.
  - b. Keep pressure on the handrims to control your speed on a down slope. If you go too fast you may lose control.
  - c. Ask for help any time you are in doubt.
9. Ramps At Home & Work - For your safety, ramps at home and work must meet all legal requirements for your area. We recommend:
  - a. Width. At least four feet wide.
  - b. Guardrails. To reduce the risk of a fall, sides of ramp must have guardrails (or raised borders at least three inches high).
  - c. Slope. Not more than a 10% grade.
  - d. Surface. Flat and even, with a thin carpet or other non-skid material. (Make sure there is no lip, bump or depression.)
  - e. Bracing. Ramp must be STURDY. You may need bracing so ramp does not "bow" when you ride on it.
  - f. Avoid A Drop Off. You may need a section at the top or bottom to smooth out the transition.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**H. TRANSFER****⚠ WARNING**

**It is dangerous to transfer on your own. It requires good balance and agility. Be aware that there is a point during every transfer when the wheelchair seat is not below you. To avoid a fall:**

1. Work with your health care advisor to learn safe methods.
  - a. Learn how to position your body and how to support yourself during a transfer.
  - b. Have someone help you until you know how to do a safe transfer on your own.
2. Lock the rear wheels before you transfer. This keeps the rear wheels from rolling.

**NOTE**– This will NOT keep your chair from sliding away from you or tipping.

3. Move your chair as close as you can to the seat you are transferring to. If possible, use a transfer board.
4. Rotate the front casters until they are as far forward as possible.
5. If you can, remove or swing footrests out of the way.
  - a. Make sure your feet do not catch in the space between the footrests.
  - b. Avoid putting weight on the footrests as this may cause the chair to tip.
6. Make sure armrests are out of the way and do not interfere.
7. Transfer as far back onto the seat surface as you can. This will reduce the risk that the chair will tip or move away from you.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**I. CURBS & STEPS****⚠ WARNING**

1. Each person who helps you should read and follow the warnings “For Safe Use” (Section VII).
2. Do not try to climb or descend a curb or step alone UNLESS you are a skilled rider of this chair and:
  - a. You can safely do a “wheelie”, and
  - b. You are sure you have the strength and balance to do so.
3. Unlock and rotate anti-tip tubes up, out of the way, so they do not interfere.
4. Do not try to climb a high curb or step (more than 4 inches high) UNLESS you have help. Doing so may cause your chair to exceed its balance point and tip over.
5. Go straight up and straight down a curb or step. If you climb or descend at an angle, a fall or tip-over is likely.
6. Return anti-tip tubes to locked position after overcoming obstacle.
7. Be aware that the impact of dropping down from a curb or step can damage your chair or loosen fasteners.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**J. STAIRS****⚠ WARNING**

1. NEVER use this chair on stairs UNLESS you have someone to help you. Doing so is likely to cause a fall or tip-over.
2. Persons who help you should read and follow the warnings “For Attendants” (Section V-K), and “For Safe Use” (Section VII).

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**K. ESCALATORS****⚠ WARNING**

**NEVER use this chair on an escalator, even with an attendant. If you do, a fall or tip-over is likely.**

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**VII. WARNINGS: FOR SAFE USE– ATTENDANTS****⚠ WARNING**

Before you assist a rider, be sure to read the following warnings as well as the warnings “For Attendants” (section V-K) and follow all instructions that apply. Be aware that you will need to learn safe methods best suited to your abilities.

**A. LEARNING TO DO A “WHEELIE”****⚠ WARNING**

Follow these steps to help the rider learn to do a “wheelie”:

1. Read and follow the warnings for “WHEELIES”. (See section VI-C)
2. Stand at the rear of the chair. You must be able to move with the chair to prevent a tip-over.
3. Keep your hands BENEATH the push handles, ready to catch the rider if the chair tips back.
4. When you are ready, have the rider place his or her hands on the forward part of the handrims.
5. Have the rider make a quick BACKWARD movement of the rear wheels, quickly followed by a hard FORWARD thrust. (This will tilt the chair up on the balance point of the rear wheels.)
6. Have the rider make small movements of the handrims to stay in balance.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**B. DESCENDING A CURB OR SINGLE STEP****⚠ WARNING**

Follow these steps to help a rider descend a curb or single step going BACKWARD:

1. Stay at the rear of the chair.
2. Several feet before you reach the edge of the curb or step, turn the chair around and pull it backward.
3. While looking over your shoulder, carefully step back until you are off the curb or stair and standing on the lower level.
4. Pull the chair toward you until the rear wheels reach the edge of the curb or step. Then allow the rear wheels to slowly roll down onto the lower level.
5. When the rear wheels are safely on the lower level, tilt the chair back to its balance point. This will lift the front casters off the curb or step.
6. Keep the chair in balance and take small steps backward. Turn the chair around and gently lower front casters to the ground.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**C. CLIMBING A CURB OR SINGLE STEP****⚠ WARNING**

Follow these steps to help the rider climb a curb or single step going FORWARD:

1. Stay behind the chair.
2. Face the curb and tilt the chair up on the rear wheels so that the front casters clear the curb or step.
3. Move forward, placing the front casters on the upper level as soon as you are sure they are past the edge.
4. Continue forward until the rear wheels contact the face of the curb or step. Lift and roll the rear wheels to the upper level.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**D. CLIMBING STAIRS**** WARNING**

1. Use at least two attendants to move a chair and rider up stairs.
2. Move the chair and rider BACKWARD up the stairs.
3. The person at the rear is in control. He or she tilts the chair back to its balance point.
4. A second attendant at the front firmly grasps a non-detachable part of the front frame and lifts the chair up and over one stair at a time.
5. The attendants move to the next stair up. Repeat for each stair, until you reach the landing.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**E. DESCENDING STAIRS**** WARNING**

1. Use at least two attendants to move a chair and rider down stairs.
2. Move the chair and rider FORWARD down the stairs.
3. The person at the rear is in control. He or she tilts the chair to the balance point of the rear wheels and rolls it to the edge of the top step.
4. A second attendant stands on the third step from the top and grasps the chair frame. He or she lowers the chair one step at a time by letting the rear wheels roll over the stair edge.
5. The attendants move to the next stair down. Repeat for each stair, until you reach the landing.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**VIII. WARNINGS: COMPONENTS & OPTIONS****A. ANTI-TIP TUBES (OPTIONAL)****⚠ WARNING**

**Anti-tip tubes can help keep your chair from tipping over backward in most normal conditions.**

1. Sunrise Recommends Use Of Anti-Tip Tubes:
  - a. UNLESS you are a skilled rider of this chair and are sure you are not at risk to tip over.
  - b. Each time you modify or adjust your chair. The change may make it easier to tip backward. Use anti-tip tubes until you adapt to the change, and are sure you are not at risk to tip over.
2. When locked in place (in the “down” position) anti-tip tubes should be BETWEEN 1 to 2 inches (3cm to 5cm) off the ground.
  - a. If set too HIGH, they may not prevent a tip-over.
  - b. If set too LOW, they may “hang up” on obstacles you can expect in normal use. If this occurs, you may fall or your chair may tip over.
3. Keep Anti-Tip Tubes Locked In Place UNLESS:
  - a. You have an attendant, or
  - b. You have to climb or descend a curb, or overcome an obstacle, and can safely do so without them. At these times, make sure anti-tip tubes are up, out of the way.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**B. ARMRESTS****⚠ WARNING**

**Armrests detach and will not bear the weight of this chair.**

1. NEVER lift this chair by its armrests. They may come loose or break.
2. Lift this chair only by non-detachable parts of the main frame.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**C. CUSHIONS & SLING SEATS****⚠ WARNING**

1. Sling seats and standard foam cushions are not designed for the relief of pressure.
2. If you suffer from pressure sores, or if you are at risk that they will occur, you may need a special seat system or a device to control your posture. Consult your doctor, nurse or therapist to find out if you need such a device for your well-being.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**D. FASTENERS****⚠ WARNING**

**Many of the screws, bolts and nuts on this chair are special high-strength fasteners. Use of improper fasteners may cause your chair to fail.**

1. ONLY use fasteners provided by an authorized supplier (or ones of the same type and strength, as indicated by the markings on the heads).
2. Over- or under-tightened fasteners may fail or cause damage to chair parts.
3. If bolts or screws become loose, tighten them as soon as you can.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**E. FOOTRESTS****⚠ WARNING**

1. At the lowest point, footrests should be AT LEAST 2 1/2 INCHES (64 mm) off the ground. If set too LOW, they may “hang up” on obstacles you can expect to find in normal use. This may cause the chair to stop suddenly and tip forward.
2. To Avoid A Trip Or Fall When You Transfer:
  - a. Make sure your feet do not “hang up” or get caught in the space between the footrests.
  - b. Avoid putting weight on the footrests, as the chair may tip forward.
3. NEVER lift this chair by the footrests. Footrests detach and will not bear the weight of this chair. Lift this chair only by non-detachable parts of the main frame.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**G. POSITIONING BELTS (OPTIONAL)****⚠ WARNING**

**Use positioning belts ONLY to help support the rider’s posture. Improper use of these belts may cause severe injury to or death of the rider.**

1. Make sure the rider does not slide down in the wheelchair seat. If this occurs, the rider may suffer chest compression or suffocate due to pressure from the belts.
2. The belts must be snug, but must not be so tight that they interfere with breathing. You should be able to slide your open hand, flat, between the belt and the rider.
3. A pelvic wedge or a similar device can help keep the rider from sliding down in the seat. Consult with the rider’s doctor, nurse or therapist to find out if the rider needs such a device.
4. Use positioning belts only with a rider who can cooperate. Make sure the rider can easily remove the belts in an emergency.
5. NEVER Use Positioning Belts:
  - a. As a patient restraint. A restraint requires a doctor’s order.
  - b. On a rider who is comatose or agitated.
  - c. As a motor vehicle restraint. In an accident or sudden stop the rider may be thrown from the chair. Wheelchair seat belts will not prevent this, and further injury may result from the belts or straps.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**H. POWER DRIVE****⚠ WARNING**

**Do not install a power drive on your wheelchair. If you do:**

1. It will affect the center of balance of your chair and may cause a fall or tip-over.
2. It will alter the frame and void the warranty.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**I. PUSH HANDLES****⚠ WARNING**

1. Push handles provide secure points for an attendant to hold the rear of this chair, to prevent a fall or tip-over. Make sure to use push handles when you have an attendant.
2. Check to make sure push handle grips will not rotate or slip off.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**J. QUICK-RELEASE AXLES****⚠ WARNING**

1. Do not use this chair UNLESS you are sure that both quick-release rear axles are locked. An unlocked axle may come off during use and cause a fall.
2. An axle is not locked until the quick-release button pops out fully.  
An unlocked axle may come off during use, resulting in a fall, tip-over or loss of control and cause severe injury to the rider or others.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**K. REAR WHEELS****⚠ WARNING**

**A change in set-up of the rear wheels will affect the center of balance of your chair.**

1. This wheelchair is not designed to move the rear axles FORWARD from their position in the cross frame.
2. Consult your doctor, nurse or therapist to find the best rear axle set-up for your chair.  
Do not change the set-up UNLESS you are sure you are not at risk to tip over.
3. Adjust the rear wheel locks after you make any change to the rear axles.
  - a. If you fail to do so, the locks may not work.
  - b. Make sure lock arms embed in tires at least 1/8 inch (3 mm) when locked.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**L. REAR WHEEL LOCKS****⚠ WARNING**

**Rear wheel locks are NOT designed to slow or stop a moving wheelchair. Use the only to keep the rear wheels from rolling when your chair is at a complete stop.**

1. NEVER use rear wheel locks to try to slow or stop your chair when it is moving. Doing so may cause you to veer out of control.
2. To keep the rear wheels from rolling, always set both rear wheel locks when you transfer to or from your chair.
3. Make sure lock arms embed in tires at least 1/8 inch (3 mm) when locked. If you fail to do so, the locks may not work.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**M. MODIFIED SEAT SYSTEMS**** WARNING**

**Use of a seat system not approved by Sunrise may alter the center of balance of this chair. This may cause the chair to tip over.**

1. Do not change the seat system of your chair UNLESS you consult your authorized supplier first.
2. Use of a seat system not approved by Sunrise may affect the folding mechanism of this chair.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

**N. UPHOLSTERY FABRIC**** WARNING**

1. Replace worn or torn fabric of seat and seat back as soon as you can. If you fail to do so, the seat may fail.
2. Sling fabric will weaken with age, cleaning and use. Look for fraying or thin spots, or stretching of fabrics at mounting holes.
3. "Dropping down" into your chair will weaken fabric and result in the need to inspect and replace the seat more often.
4. Be aware that laundering or excess moisture will reduce flame retardation of the fabric.

If you fail to heed these warnings damage to your chair, a fall, tip-over or loss of control may occur and cause severe injury to the rider or others.

## IX. SET-UP, ADJUSTMENT &amp; USE

## CHAIR BASICS

**⚠ WARNING**

Never let your fingers come between the seat rail and the frame when you open or fold the wheelchair. This may cause or crush-type injury.

**A. TO FOLD WHEELCHAIR (FIGURE 1)**

1. Remove back insert (if any).
2. Make sure the footrests are out of the way before you fold the wheelchair. (Swing away, flip up or remove footrest.)
3. Remove cushion (if any).
4. Stand to one side of wheelchair.
5. With both hands grasp center of seat sling and lift upward sharply until chair folds.

**B. TO UNFOLD WHEELCHAIR (FIGURE 2)**

1. Stand to one side of wheelchair.
2. From side, tilt chair toward you far enough to take the weight off the opposite wheel.
3. Push down on the seat rail closest to you until wheelchair opens fully.
4. Make sure seat rail tubes drop into frame saddle.

**C. QUICK-RELEASE AXLES FOR REAR WHEELS / REMOVING REAR WHEELS****⚠ WARNING**

Removing and installing rear wheels must be performed without user sitting in wheelchair.

**Remove Rear Wheel (Figure 3)**

The rear wheels of the Breezy Ultra4 are equipped with quick-release axles. The wheels can be installed or removed without using tools. To remove a wheel, depress the quick-release button on the axle (A) and pull the wheel out.

**Install Rear Wheel (Figures 3 & 4)**

Hold the quick-release button on the axle depressed when inserting the axle into the frame to mount the rear wheels. Release the button to lock the wheel in place. The quick-release must snap back to its original position to ensure proper engagement. Ensure that the safety pin is fully engaged (B).

**D. WHEEL LOCKS (FIGURE 5)**

Your wheelchair is equipped with two wheel locks. They are applied directly against the tires. To engage, press both wheel-lock levers (C) forward against the stops. To release the wheel, pull the levers back to their rearward positions.

**NOTE**– For “pull-to-lock” wheel locks, pull back on both levers to engage and push forward to release.

**Holding power of wheel locks will decrease with:**

- Worn tire tread
- Wet tires
- Improperly adjusted wheel locks

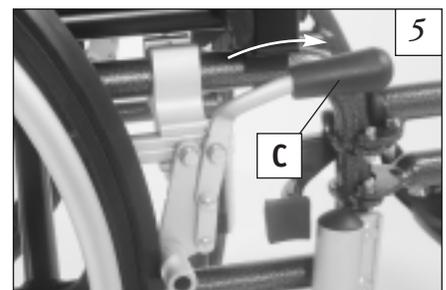
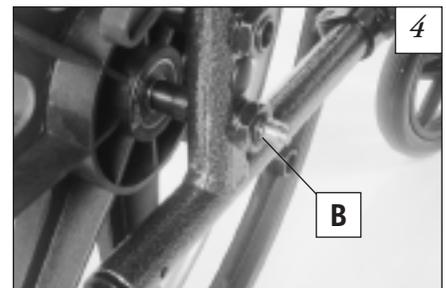
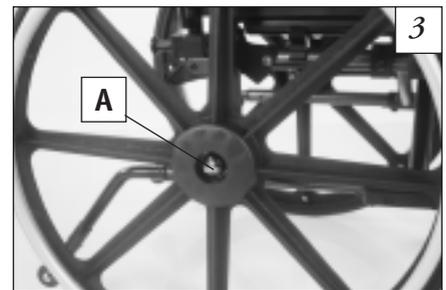
**⚠ WARNING**

The wheel locks have NOT been designed to be used as brakes for a moving wheelchair. The wheel locks should therefore never be used to brake a moving wheelchair. Always use the handrims for braking.

Make sure the interval between the tires and wheel lock is adjusted to provide sufficient holding force (between 19/32"-21/32" or .59"-.66"). Too adjust, loosen clamp bolts found on underside of the brake mechanism. Set the appropriate interval. Tighten bolts.

**⚠ WARNING**

After each adjustment of the rear wheels, check the interval to the wheel locks and readjust if necessary.



**E. REPLACING REAR WHEEL HANDRIM (FIGURE 6)**

1. Remove the rear wheel from the wheelchair.
2. Remove the nuts (A) and washers that secure the handrim to the rear wheel.
3. Remove existing handrim.
4. Install the new handrim by reversing steps 1, 2, 3.
5. Repeat the procedure for the opposite rear wheel if necessary.

**FRONT RIGGINGS****⚠ WARNING**

After ANY adjustment, repair or service and BEFORE use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

**A. SWING-AWAY FOOTREST ASSEMBLY INSTALLATION (FIGURE 7)**

1. Turn the footrest to the side (open footplate is perpendicular to wheelchair).
2. Install the footrest hinge plates (B) onto the hinge pins (C) on the wheelchair frame.
3. Push the footrest toward the inside of the wheelchair until it locks into place.  
Note- the footplate will be on the inside of the wheelchair when locked in place.
4. Repeat this procedure for the other footrest assembly.
5. To release the footrest, push the footrest release lever (D) inward, rotate footrest outward and off the hanger pins.

**B. SWING-AWAY FOOTREST HEIGHT ADJUSTMENT (FIGURE 8)**

**NOTE-** Release the footrest locking mechanism and lift the footrest off the hinge pins. Lay the assembly on a flat surface to simplify this process.

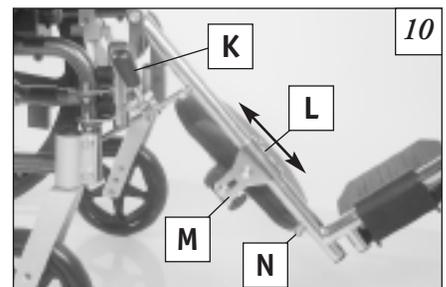
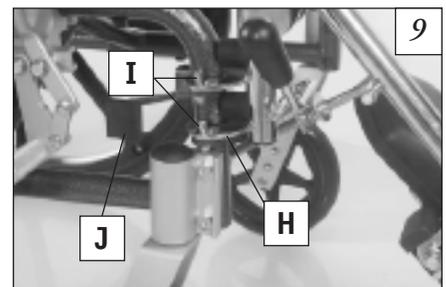
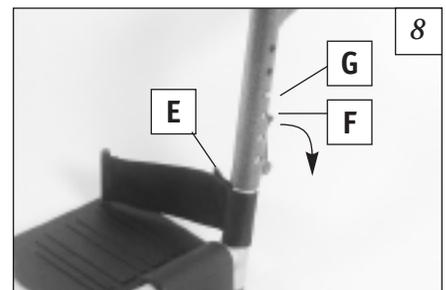
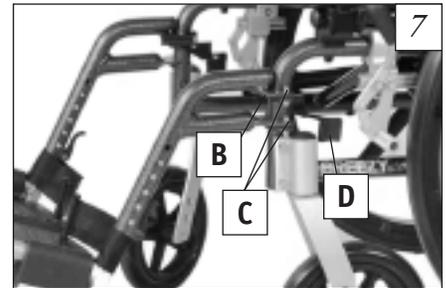
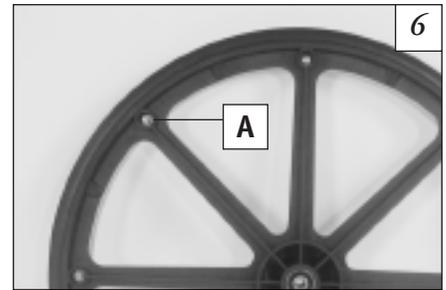
1. Release Velcro heel loop (E) and lay to the side.
2. Rotate release lever (F) downward so its perpendicular to foot extension tube.
3. Push detent pin in (G) and adjust to desired height.
4. Once desired height is achieved, ensure that detent pin (G) is fully engaged and back in normal position.
5. Return release lever (F) back to locked position. Pictured in Figure 8.
6. Reattach Velcro heel loop in secure position.

**C. ELEVATING LEGREST ASSEMBLY INSTALLATION (FIGURE 9)**

1. Place legrest assembly on the outside of the wheelchair and install the hinge plates (H) onto the hinge pins (I) on the wheelchair.
2. Rotate the legrest assembly toward the inside of the wheelchair until it locks in place. Figure 9 shows a locked elevating legrest assembly.
3. Repeat this procedure for the other legrest assembly.
4. To release the legrest, push the legrest release handle (J) toward the inside of the wheelchair (facing the front of the wheelchair) and swing the legrest assembly to the outside of the wheelchair.

**D. ADJUSTING THE ELEVATING LEGREST ASSEMBLY (FIGURE 10)**

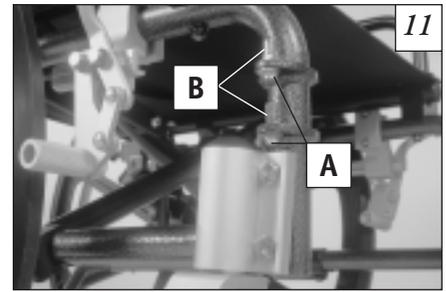
1. To adjust the elevating legrest, raise the legrest until the desired height is obtained.
2. To reposition legrest, support leg with one hand and push release lever (K) downward with other hand.
3. To adjust the calf pad, turn towards outside of wheelchair and slide up or down to one of three pre-configured slots (L). To adjust the depth of the calf pad, loosen the calf pad bolt (M) and retighten at desired position.
4. To adjust the length of the elevating legrest, loosen but don't remove the bolt and locknut (N) that secure the lower footrest assembly to the upper footrest assembly. Obtain desired position and secure bolt.



**E. REPLACING FRONT FOOTREST/LEGREST HINGE PINS (FIGURE 11)**

**NOTE-** Front footrest/legrest hinge pins (4 total) should be checked periodically for wear and tightness. A qualified technician should perform replacement of front caster pins.

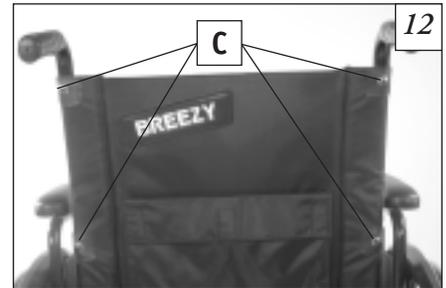
1. Using wrench or socket, remove caster hinge bolts (A) and washer.
2. Pull caster hinge pin from frame (B).
3. Reverse STEPS 1-2 to replace caster hinge pins.

**SEAT AND BACK****⚠ WARNING**

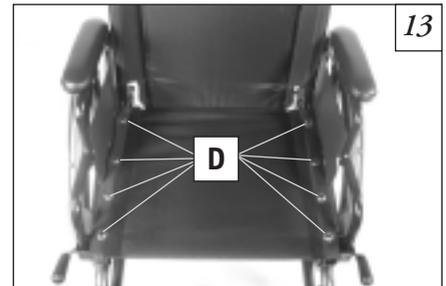
After ANY adjustment, repair or service and BEFORE use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

**A. REPLACING THE BACK UPHOLSTERY (FIGURE 12)**

1. Slightly fold chair to remove tension on the upholstery.
2. Remove the hex bolts and washer that secure the existing back upholstery to the back canes (C).
3. Position new back upholstery on back canes.
4. Securely tighten the new back upholstery to the back canes with hex bolts and washers.

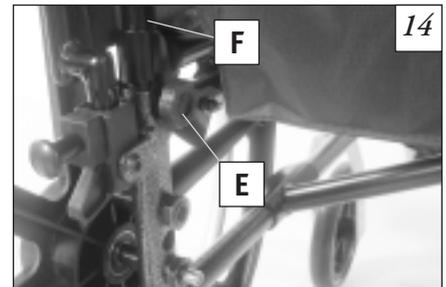
**B. REPLACING THE SEAT UPHOLSTERY (FIGURE 13)**

1. Slightly fold chair to remove tension on the sling.
2. Remove the hex bolts (D) and washer that secure the existing back upholstery to the back canes.
3. Remove the existing upholstery from the cross brace.
4. Install the new seat upholstery by reversing STEP 2.

**C. ADJUSTING BACK HEIGHT (FIGURE 14 AND 15)**

1. Slightly fold chair.
2. Remove rear wheel. Refer to Wheelchair Basics Section 3 of this manual.
3. Remove back height adjustment knob (E).
4. Remove bolt from back height assembly (G).
5. Using one of the three pre-configured height slots adjust the back cane (F) up or down.
6. Replace bolt. Note: bolt head should be facing outward from wheelchair and should be flush with back height assembly, the adjustment knob to the inside.
7. Tighten back height adjustment knob (F) onto bolt.
8. Repeat instructions for opposite side.

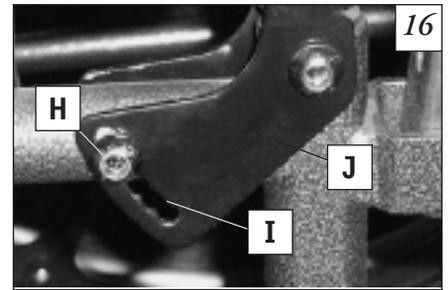
**CAUTION-** Both back canes should be same height for seat before using wheelchair.



**D. ADJUSTING BACK ANGLE FOR ANGLE-ADJUSTABLE BACKREST (FIGURE 16)**

1. Slightly fold chair.
2. Remove rear wheel. Refer to Wheelchair Basics Section 3 of this manual.
3. Remove hex bolt and hardware (H).
4. Using one of the pre-configured angle adjustment slots, (I) reposition the angle-adjustable bracket hardware (J) by moving it up and down.
5. Securely reattached the hex bolt and hardware (H) with the head of the bolt facing outward from the wheelchair, and the adjustment knob facing inward.
6. Repeat instructions for opposite side.

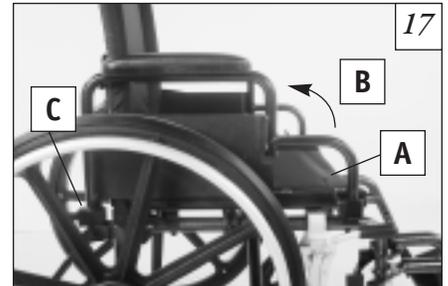
**CAUTION-** Angle-adjustable back should be the same degree on both sides before using the wheelchair.

**ARMS****⚠ WARNING**

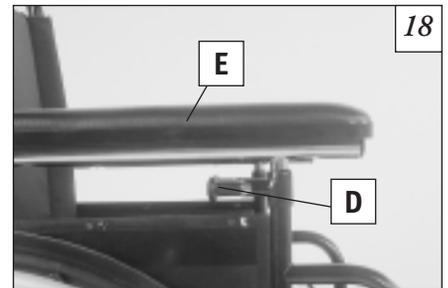
After ANY adjustment, repair or service and BEFORE use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

**A. REMOVING FLIP-BACK ARMREST (FIGURE 17)**

1. Press the armrest release lever located on the armrest (A).
2. Flip the armrest back (B).
3. Pull release knob (C) out that attaches the arm to the rear receiver. Pull armrest up and out to remove.
4. Replace the armrest by reversing STEPS 1-3. Confirm that the armrest lever (A) is fully engaged to front receiver before using wheelchair.

**B. REMOVING AND POSITIONING FLIP-BACK HEIGHT ADJUSTABLE ARMREST (FIGURE 18)**

1. To remove the armrest assembly follow same steps in Section A of Arms listed above.
2. To adjust the vertical position of the arm pad, use release knob (D) to adjust height. Pull the release knob out with one hand and use the other hand on the horizontal arm pad (E) move the arm up and down. Allow the release knob to fully engage into the pre-configured positions once desired height is obtained.

**CASTERS****⚠ WARNING**

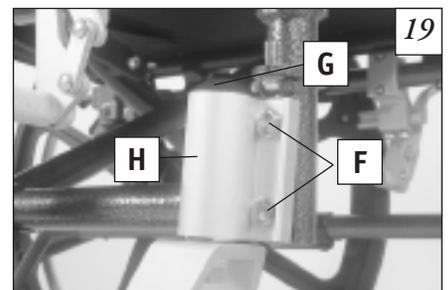
After ANY adjustment, repair or service and BEFORE use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

**⚠ WARNING**

Caster should always be adjusted or repaired by an authorized dealer.

**A. CASTER JOURNAL ANGLE ADJUSTMENT (FIGURE 19)**

1. Whenever there is an adjustment to the seat-to-floor height (STFH), the angle of the caster should be checked to make sure its leading edge is perpendicular to the ground. Perpendicular orientation will guard against flutter.
2. To adjust the angle of the front caster journal remove the two eccentric bolts (F) and retighten when the leading edge of the journal is perpendicular to the ground.



**B. INSTALLING/REPLACING FRONT CASTERS (FIGURE 19)**

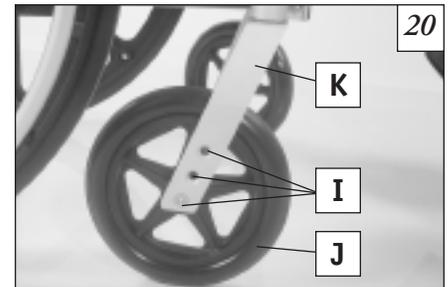
1. Remove the dust cover (G).
2. Remove the locknut and nylon washer inside the caster journal that secure the fork to the caster head tube (H).
3. Drop the fork out of the caster head tube.
4. Slide the new fork into caster head tube and reassemble by reversing STEPS 1-3.
5. Removing fork provides access to to the caster bearings so they can be replaced.
6. Whenever there is an adjustment to the seat-to-floor height (STFH), the angle of the caster journal should be checked to make sure its leading edge is perpendicular to the ground. Perpendicular orientation will guard against flutter.

**C. REPLACING FRONT CASTER TIRE (FIGURE 20)****⚠ WARNING**

Replacement of the front caster tire **MUST** be performed by a qualified technician

1. Remove hex bolt hardware (I) that secures the front caster tire (J) to the fork (K).
2. Install the new front caster tire onto the wheelchair by reversing STEP 1.
3. Repeat STEP 1-2 for the opposite front caster tire.

**CAUTION-** As with any vehicle the wheels should be checked periodically for cracks and wear, and should be replaced.

**ANTI-TIPPERS****(FIGURE 21)****⚠ WARNING**

After **ANY** adjustment, repair or service and **BEFORE** use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

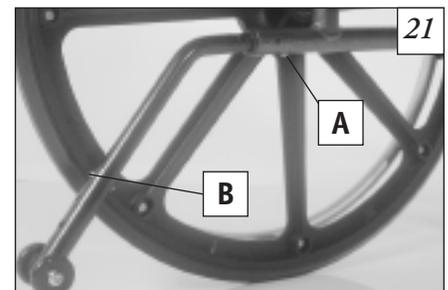
The manufacture strongly recommends ordering the anti-tippers as an additional safeguard for the wheelchair user.

Anti-tip tubes prevent a wheelchair from tipping over backward when properly installed.

Anti-tippers must be fully engaged. Ensure the release button (A) of the anti-tipper fully protrudes out of the hole on the bottom of wheelchair frame when installing.

An interval of 1 to 2 inches (2.5 mm to 5mm) should be maintained between the anti-tip tubes and the ground. Use the release button (B) to make needed adjustments.

Ensure both anti-tippers are adjusted to the same height.



## ADJUSTING SEAT-TO-FLOOR HEIGHT

(FIGURE 22)

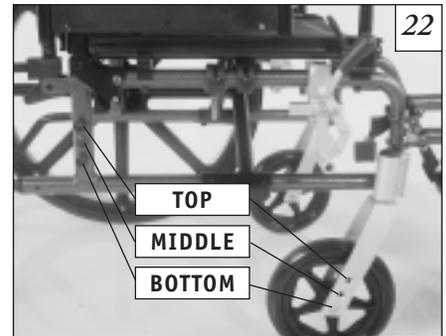
### **⚠ WARNING**

After ANY adjustment, repair or service and BEFORE use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

**CAUTION-** When changing the seat-to-floor height, the height of the anti-tippers must as well adjusted.

1. Remove rear wheel. Refer to Wheelchair Basics Section 3 of this manual
2. Remove front caster journal (housing) if the adjustment requires a six in. front caster. Only remove the front caster tire if its adjustment requires moving the existing wheel up or down in the caster fork. Refer to Caster section for removing and adjusting caster tires of this manual
3. Refer to the chart outlining front caster/fork and rear wheel sizes, to determine mounting positions for obtainable seat-to-floor height.
4. Reinstall the front caster or front caster tire onto the wheelchair. Refer to caster section for installing caster fork and/or caster tires earlier in this manual
5. Reinstall the rear wheels onto the wheelchair. Refer to Wheelchair Basics Section 3 of this manual.
6. Adjust Anti-Tippers according to NEW seat-to-floor height. Refer to Anti-Tippers section of this manual for proper adjustment.

**CAUTION-** It is important that the leading edge of the caster journal is perpendicular to the ground.



### SEAT-TO-FLOOR HEIGHT MATRIX

Front Seat To Floor Height	Frame	Rear Wheel Size	Rear Axle Position	Front Caster	Front Caster Axle Position
13 1/2"	HEMI	20"	TOP	6"	TOP
14 1/2"	HEMI	20"	BOTTOM	6"	BOTTOM
15 1/2"	STANDARD	20"	TOP	6"	TOP
16 1/2"	STANDARD	20"	BOTTOM	6"	BOTTOM
16 1/2"	STANDARD	22"	TOP	6"	TOP
17 1/2"	STANDARD	22"	MIDDLE	6"	BOTTOM
17 1/2"	STANDARD	22"	TOP	8"	TOP
18 1/2"	STANDARD	22"	MIDDLE	8"	MIDDLE
17 1/2"	STANDARD	24"	TOP	8"	TOP
18 1/2"	STANDARD	24"	MIDDLE	8"	MIDDLE
19 1/2"	STANDARD	24"	BOTTOM	8"	BOTTOM

**X. TROUBLESHOOTING**

SYMPTOMS							SOLUTIONS
	Left Turn In Chair	Right Turn In Chair	Looseness In Chair	Sluggish Turning	Squeaks And Rattles	Caster Flutter	
✓	✓	✓	✓				Make sure tire wear is correct and equal in both rear tires and front caster tires.
		✓	✓	✓	✓		Make sure all nuts and bolts are snug.
		✓		✓			Make sure all bolts and washers are tight on handrims.
				✓			Use Tri-flow Lubricant (Teflon®-based) between all modular frame connections and parts.
✓	✓					✓	Make sure both front casters touch the ground simultaneously. If they do not, add the proper spacers between the bottom bearing of the caster plate and fork stem nut until they do. Make sure you check for this problem on a flat surface. Also check to make sure the leading edge of both caster journals is perpendicular to the ground.

## XI. MAINTENANCE

### A. INTRODUCTION

1. Proper maintenance will improve performance and extend the useful life of your chair.
2. Clean your chair regularly. This will help you find loose or worn parts and make your chair easier to use.
3. Repair or replace loose, worn, bent or damaged parts before using this chair.
4. To protect your investment, have all major maintenance and repair work done by your authorized supplier.

### **⚠ WARNING**

**If you fail to heed these warnings your chair may fail and cause severe injury to the rider or others.**

1. Inspect and maintain this chair strictly per chart.
2. If you detect a problem, make sure to service or repair the chair before use.
3. Every year, have a complete inspection, safety check and service of your chair made by an authorized supplier.

### B. MAINTENANCE CHART

Weekly	3 Months	6 Months	Annually	CHECK...
✓				Tire for cracks, flat spots, wear
✓				Wheel locks
	✓			All fasteners for wear and tightness
		✓		Armrests
		✓		Axle and axle sleeves
	✓			Wheels and tires
	✓			Casters
	✓			Anti-tip tubes
		✓		Frame
	✓			Upholstery
			✓	<b>Service by authorized supplier</b>

**C. CLEANING****1. Paint Finish**

- a. Clean the paint finish with mild soap at least once a month.
- b. Protect the paint with a coat of non-abrasive auto wax every three months.

**2. Axles and Moving Parts**

- a. Clean around axles and moving parts WEEKLY with a slightly damp (not wet) cloth.
- b. Wipe off or blow away any fluff, dust, or dirt on axles or moving parts.

**NOTE**– You do not need to grease or oil the chair.

**3. Upholstery**

- a. Hand-wash (machine washing may damage fabric).
- b. Drip-dry only. DO NOT machine dry as heat will damage fabric.

**D. STORAGE TIPS**

1. Store your chair in a clean, dry area. If you fail to do so, parts may rust or corrode.
2. Before using your chair, make sure it is in proper working order. Inspect and service all items on the “Maintenance Chart”.
3. If stored for more than three months, have your chair inspected by an authorized supplier before use.

**E. NECESSARY TOOLS****Back Upholstery**

4mm Hex Key

**Seat Upholstery**

4mm Hex Key

**Armrest**

Pad – Phillips Head Screw Driver

Rear Pivot Screw - Phillips Head Screw Driver

Saddles – 10 mm Open End Wrench or 10 mm Socket

**Wheel Lock**

Frame Clamp – 5 mm Hex Key

Fore/Aft Adjustment – 4mm Hex Key

**Rear Wheels**

Axle Sleeve – 24mm Open End Wrench or 24mm Socket

Hand Rim - Phillips Head Screw Driver

**Front Casters**

Angle Adjustment – 10mm Open End Wrench or 10 mm Socket

Heel Loop - 10mm Open End Wrench or 10 mm Socket

Axle Bolt – 5mm Hex Key

## XII. SAFETY INSPECTION CHECKLIST

**NOTE**— Every six months take your wheelchair to a qualified dealer for a thorough inspection and servicing. Regular cleaning will reveal loose or worn parts and enhance the smooth operation of your wheelchair. To operate properly and safely, your wheelchair must be cared for just like any other vehicle. Routine maintenance will extend the life and efficiency of your wheelchair.

Initial adjustments should be made to suit personal body structure/preference. Thereafter follow these maintenance procedures:

Initially	Weekly	Monthly	Periodically	INSPECT...
✓	✓		✓	<b>GENERAL</b> <ul style="list-style-type: none"> <li>• Wheelchair rolls straight (no excessive drag or pull to one side).</li> </ul>
✓			✓	<b>SEAT AND BACK</b> <ul style="list-style-type: none"> <li>• Inspect for rips or sagging.</li> <li>• Inspect for loose or broken hardware.</li> </ul>
✓				<b>REAR WHEELS</b> <ul style="list-style-type: none"> <li>• No excessive side movement or binding when lifted and spun.</li> </ul>
✓			✓	<b>HANDRIMS</b> <ul style="list-style-type: none"> <li>• Inspect for signs of rough edges or peeling.</li> </ul>
✓		✓		<b>MAG WHEEL</b> <ul style="list-style-type: none"> <li>• Inspect for broken or cracked wheel.</li> </ul>
✓	✓			<b>FRONT CASTER</b> <ul style="list-style-type: none"> <li>• Inspect wheel/fork assembly for proper tension by spinning caster. Caster should come to a gradual stop.</li> <li>• Loosen/tighten locknut if wheel wobbles noticeably or binds to a stop.</li> <li>• Wheel bearings are clean and free of moisture.</li> </ul>
			✓	<b>CAUTION: As with any vehicle, the wheels and tires should be checked periodically for cracks and wear and should be replaced.</b>
✓	✓		✓	<b>TIRES</b> <ul style="list-style-type: none"> <li>• Inspect for flat spots and wear.</li> </ul>
			✓	<b>CAUTION: As with any vehicle, the wheels and tires should be checked periodically for cracks and wear and should be replaced.</b>
✓		✓		<b>WHEEL LOCKS</b> <ul style="list-style-type: none"> <li>• Do not interfere with tires when rolling.</li> <li>• Pivot points free of wear and looseness.</li> <li>• Wheel locks easy to engage.</li> </ul>
✓			✓	<b>CLEANING</b> <ul style="list-style-type: none"> <li>• Clean upholstery and armrests.</li> </ul>

**XIII. WARRANTY****A. FOR LIFETIME**

Sunrise warrants the frame and cross brace of the 4000 series wheelchair against defects in materials and workmanship for the life of the original purchaser.

The expected life of this frame is five years.

**B. FOR ONE (1) YEAR**

We warrant all Sunrise-made parts and components of this wheelchair against defects in materials and workmanship for one year from the date of first consumer purchase.

**C. LIMITATIONS**

1. We do not warrant:
  - a. Tires and tubes, upholstery, pads and push-handle grips.
  - b. Damage from neglect, accident, misuse, or from improper installation or repair.
  - c. Products modified without Sunrise Medicals express written consent.
  - d. Damage from exceeding the weight limit.
2. This warranty is VOID if the original chair serial number tag is removed or altered.
3. This warranty applies in the USA only. Check with your supplier to find out if international warranties apply.

**D. WHAT WE WILL DO**

Our sole liability is to repair or replace covered parts. This is the exclusive remedy for consequential damages.

**E. WHAT YOU MUST DO**

1. Obtain from us, while this warranty is in effect, prior approval for return or repair of covered parts.
2. Return the wheelchair or part(s), freight pre-paid, to:  
Sunrise Medical, 7550 Zionsville Road, Indianapolis, IN 46268
3. Pay the cost of labor to repair, remove or install parts.

**F. NOTICE TO CONSUMER**

1. If allowed by law, this warranty is in place of any other warranty (written or oral, express or implied, including a warranty of merchantability, or fitness for a particular purpose).
2. This warranty gives you certain legal rights. You may also have other rights that vary from state to state.

Record your serial number here for future reference:

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