



## EJ777-2 Bariatric Transport Chair Operation Manual

EJ777-2-INS-LAB-RevA10 © 2010 GF Health Products, Inc.

#### **EJ777-2 Transport Chair user and attendant:**

Read this manual before operating the Transport Chair. Save this manual for future reference.

The most current version of this manual can be found online at www.grahamfield.com

⚠ WARNING: EJ777-2 Transport Chair user and attendant: Do not operate the transport chair without first reading and understanding this manual. If you do not understand the warnings, cautions, and instructions provided herein, contact your healthcare professional, Graham-Field dealer, or technical representative before proceeding with the use of this product; otherwise personal injury or damage to your transport chair could result.

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#### 1 INTRODUCTION

Thank you for choosing an Everest & Jennings® product. We at Graham-Field wish to assure you of our continuing commitment to provide innovation and quality in our products. Important safety, operating, and maintenance instructions that warrant the attention of both user and attendant are included in this operation manual. Read the entire manual carefully before operating your new EJ777-2 Transport Chair, keep it handy for future reference, and refer to it as often as necessary to help maintain good performance standards.

Consult your healthcare professional and Graham-Field dealer for assistance in developing and learning safe and effective techniques for performing your daily activities according to your individual physical abilities and needs, and to make certain that your Transport Chair is properly prescribed and adjusted for your use.

The safety precautions in this manual are general warnings intended to be used only as basic guidelines. You may find it necessary to develop your own methods for safely solving frequently encountered challenges. Again, consult your professional medical advisors for their recommendations about safety methods, and never hesitate to ask for their assistance.

Your Transport Chair should receive frequent, regularly scheduled maintenance, including an inspection of the mechanical parts, to ensure proper operation. Some suggested inspection procedures, troubleshooting procedures, and adjustment procedures are included in this manual. When it comes to service and repair, remember that your Graham-Field dealer knows your Transport Chair best.

The person performing adjustments on the EJ777-2 Transport Chair has the responsibility of making certain that the user can safely operate the Transport Chair with the adjustments selected. This person must evaluate the user's ability, weight, physical condition, the environment in which the Transport Chair will be used, and the terrain over which the Transport Chair will travel.

All information and specifications in this manual are current at the time of printing.

#### **INTENDED USE**

The EJ777-2 Transport Chair is a manual, folding, lightweight Transport Chair, suitable for frequent users with a maximum weight capacity of 400 lb (182 kg) who require a lightweight, portable Transport Chair, fitted to their anatomy, without the need of customization or alteration to the center of gravity. The EJ777-2 Transport Chair is intended for indoor and/or outdoor use. The EJ777-2 Transport Chair is intended to be propelled by an attendant at all times, who should remain behind the Transport Chair when the user is being positioned or the Transport Chair is in use.

#### STATEMENTS OF SIGNIFICANCE

Please note the following special statements, used throughout this manual, and their significance:

Note: Provides application recommendations or other useful information to ensure that you get the most from your product.

▲ CAUTION: Indicates a potential hazard or unsafe practice that, if not avoided, could result in minor personal injury or product/property damage.

 $\triangle$  WARNING: Indicates a potential hazard situation or unsafe practice that, if not avoided, could result in death or serious injury.

#### **2 IMPORTANT SAFETY PRECAUTIONS**

⚠ IMPORTANT SAFETY PRECAUTIONS: ALWAYS FOLLOW THESE SAFETY PRECAUTIONS WHEN USING YOUR EJ777-2 TRANSPORT CHAIR. FAILURE TO DO SO COULD RESULT IN PERSONAL INJURY TO YOU OR OTHERS OR DAMAGE TO YOUR TRANSPORT CHAIR.

Safety requires the constant attention of the Transport Chair user and the attendant. It is extremely important to learn and always use safe methods of performing basic daily activities. Always consult your healthcare professional to determine those methods most suitable for your individual abilities.

Protect yourself and your Transport Chair by having your Transport Chair serviced regularly. Whenever any part of your Transport Chair is not functioning properly, contact your Graham-Field dealer immediately, as a hazardous situation could result, causing personal injury or damage to your Transport Chair. **ONLY EXCELLENT CONDITION IS ACCEPTABLE WHERE SAFETY IS CONCERNED.** Periodic inspection, adjustment, and replacement of worn parts will provide many years of superb performance.

#### **EJ777-2 TRANSPORT CHAIR LABELS**

Read all labels on your EJ777-2 Transport Chair before operating it. Do not remove any of the labels.

⚠ WARNING: To avoid possible tilt hazard, do not leave user unattended. Attendant must always be behind and in control of Transport Chair when user is being positioned or Transport Chair is in use.

#### **WARNINGS**

- $\triangle$  WARNING: The EJ777-2 Transport Chair maximum weight capacity is 400 lb (182 kg).
- ⚠ WARNING: Do not operate the Transport Chair on hilly or rough terrain, sand, wet or icy surfaces, or surfaces with impaired traction. Ensure that pathway is clear of all obstacles.
- **⚠ WARNING: Do not leave the Transport Chair on an incline.**
- $\triangle$  WARNING: Do not attempt any incline or decline greater than six degrees (10% grade, or one foot of rise or fall per ten feet of ramp length).
- $\triangle$  WARNING: This Transport Chair does not offer seating or occupant restraint equivalent to the seat provided in a motor vehicle! To increase your safety while traveling in a motor vehicle, always transfer to the vehicle seat and use the restraint provided by the vehicle manufacturer.
- ⚠ WARNING: Do not tie down or attach anything to the wheels. This could cause tipping and possibly result in injury or damage to the Transport Chair.
- $\triangle$  WARNING: The footplates' lowest point should clear the ground by at least 2  $^{1}/_{2}$  inches, to permit proper clearance of potential obstruction.

- ⚠ WARNING: Doing a "wheelie" (tilting the Transport Chair backward until it reaches its balance point) is dangerous and could result in personal injury to the user.
   ⚠ WARNING: Do not stand or step on the footplates while transferring to or from your Transport Chair. This could cause the Transport Chair to tip, or could cause personal injury or damage to your Transport Chair.
   ⚠ WARNING: Always engage wheel locks before transferring, using a wheelchair lift or using an elevator.

- $\triangle$  WARNING: To reduce the risk of tipping before leaning or reaching forward, sit back in the seat and rotate casters fully toward front of Transport Chair.
- ⚠ WARNING: Unauthorized modification or the use of non-Everest & Jennings replacement parts could change the structure of the Transport Chair, void the warranty, and create a hazardous condition resulting in serious personal injury.
- $\triangle$  WARNING: We recommend the use of anti-tippers at all times to prevent the Transport Chair from tipping backward and causing injury. To purchase anti-tippers, please contact your Graham-Field dealer.
- $\triangle$  WARNING: Do not lean on the Transport Chair or use it as a walker—these are practices which could result in loss of balance and personal injury.
- ⚠ WARNING: Do not use your Transport Chair on stairs or escalators.
- $\triangle$  WARNING: Use the Transport Chair's positioning belt at all times to maintain proper weight distribution, and ensure that it is properly adjusted.
- ⚠ WARNING: Wheel locks are not brakes. Do not use the wheel locks to slow down the Transport Chair, or while the Transport Chair is moving. Wheel locks are only intended to keep the Transport Chair in place when it is at a complete stop.
- ⚠ WARNING: GF Health Products, Inc. specifically disclaims responsibility for any personal injury or property damage which may occur during any use which does not comply with federal, state, or local laws or ordinances.

#### **3 OPERATION**

#### **COMPONENT IDENTIFICATION**

Please familiarize yourself with main components, identified in EJ777-2 Transport Chair illustration below.



#### HANDLING TIPS

The Everest & Jennings EJ777-2 Transport Chair has been designed and engineered to perform as a stable and well balanced unit when used for its intended purpose. However, it is possible to tip the Transport Chair over if it is used improperly. We urge both user and attendant to learn the characteristics of your Transport Chair. It is most important to learn safe methods to perform the daily activities basic to your lifestyle. Use this manual as a guide for developing techniques that you are comfortable with, and consult your medical professionals for assistance in developing the skills and proper techniques to perform all activities safely. We recommend the use of anti-tippers at all times. To purchase anti-tippers, please contact your Graham-Field dealer.

#### **TO ATTENDANT**

- ⚠ WARNING: To avoid possible tilt hazard, do not leave user unattended. Attendant must always be behind and in control of Transport Chair when user is being positioned or Transport Chair is in use.
- 1. Work with the Transport Chair user's medical professionals to learn the best methods of assistance.
- 2. Always tell the Transport Chair user what you are about to do and what you expect them to do, especially when changing balance or tipping backward. Remind the Transport Chair user to lean back when tipping backward, to maintain proper weight distribution.
- 3. When assisting a Transport Chair user, always perform operations carefully and use good body mechanics (bend your knees slightly and keep your back as upright as possible) to prevent personal injury.
- ⚠ WARNING: Ensure that hand grips are firmly attached to push handles before assisting user with Transport Chair. Slippage of hand grips could cause personal injury or Transport Chair damage. If hand grips are loose or in unstable condition, contact your Graham-Field dealer for repair before assisting user with Transport Chair.
- ⚠ WARNING: Do not lift the Transport Chair by any detachable parts; this could cause personal injury to attendant or user, and damage to the Transport Chair. Use the carrying straps to lift the unoccupied Transport Chair.

#### **BALANCE**

Proper balance is the key to maintaining the stability of your EJ777-2 Transport Chair. Reaching, bending, and transferring to or from a Transport Chair will change your weight distribution and center of gravity. Have an attendant with you at all times, especially when reaching, bending, or transferring. Use the Transport Chair's positioning belt at all times to maintain proper weight distribution, and ensure that it is properly adjusted.

#### **Transfer Activities**

- $\hat{M}$  WARNING: Always ensure that the Transport Chair is on a stable, level surface and engage the wheel locks before transfer.
- $\triangle$  WARNING: Do not step on the footplates; this could cause the Transport Chair to tip. Fold them up, and either detach them, or swing them aside.
- ⚠ WARNING: There is a critical moment when there is little or no seat platform beneath you. Take every precaution to reduce this unsupported distance before you attempt transfer.

Transferring into or out of a Transport Chair is a very difficult maneuver; exercise extreme care when transferring, and never transfer without the aid of an attendant. Consult your physician, nurse, or physical therapist for assistance in developing your individual technique. Make sure that the Transport Chair is stabilized, and will not move or slide during the transfer. Take extra precaution to prevent tipping. Use good body mechanics to prevent personal injury.

#### FOR ATTENDANT: TILTING

Tilting the Transport Chair backward is generally required to negotiate such obstacles as ramps, inclines, curbs, stairs and door sills. Tilting should only be performed by an attendant. To tilt the Transport Chair backward:

- 1. If equipped with anti-tippers, remove them temporarily.
- 2. Grasp the push handles securely and ensure that the hand grips are firmly attached.
- 3. Ensure that the user's feet are situated flat on the footplates and that arms, hands and fingers are clear of the wheels and any other components.
- 4. Advise the user, before tilting the Transport Chair backward, what you intend to do and remind the user to lean back.
- 5. Place one foot on the tipping lever and apply downward force until the Transport Chair is tilted back enough to overcome the obstacle.
- 6. Lower the front end slowly.
- 7. If you have removed anti-tippers, replace them now.





#### RAMPS AND INCLINES

- $\triangle$  WARNING: During descent, the footplates' lowest point should be no closer to the ground than 2  $^{1}/_{2}$  inches to permit proper clearance.
- $\triangle$  WARNING: Do not attempt any incline or decline of more than 6 degrees (10% grade, or one foot of rise or fall per ten feet of ramp length).
- ⚠ WARNING: Do not use wheel locks to slow your descent. Attempting to use wheel locks is likely to result in accidental locking that could cause the Transport Chair to stop abruptly, suddenly pitch forward, or tip sideways.
- ⚠ WARNING: Avoid changing direction while descending a ramp or incline, as this could cause instability.

Ramps and inclines should only be negotiated with the assistance of an attendant. To attendant: Practice with a healthcare professional first before attempting ramps or inclines. Always inspect the ramp for hazards such as holes, slippery or uneven surfaces, etc. before starting up or down. If you can not see the entire ramp, ask someone to inspect it for you.

#### **CURBS AND STEPS**

- ⚠ WARNING: Never attempt to negotiate curbs or steps in your Transport Chair without the assistance of an attendant.
- $\hat{\square}$  WARNING: Never attempt to negotiate stairs or escalators in your Transport Chair under any circumstances.

Curbs, steps and stairways are dangerous obstacles that confront the Transport Chair user. When you encounter curbs, find a way around, or use the ramps now available in most locations. If you encounter stairs or escalators and there is no ramp available, avoid the stairs or escalators by utilizing the disabled designated elevators now required in most locations.

Curbs and steps should only be negotiated with the assistance of an attendant. The following are suggestions only for curb negotiation. It is important for you to develop your own safe technique that is best suited to your abilities.

#### For attendant: curb ascent facing forward

- 1. If equipped with anti-tippers, remove them temporarily.
- 2. Ensure that the hand grips are securely fastened and do not turn or slip.
- 3. Stand behind the Transport Chair, holding the hand grips, facing the curb.
- 4. Advise the user that you will be tilting backward and remind the user to lean back.
- 5. Tilt the Transport Chair backward to its balance point and move forward until the front casters pass over the top of the curb.
- 6. Lower the front casters SLOWLY to the curb while you rotate the Transport Chair forward by the push handles until the rear wheels roll up and over the curb.
- 7. Ensure that the Transport Chair has completely cleared the curb and can not roll backward.
- 8. If you have removed anti-tippers, replace them now.

#### For attendant: curb ascent facing backward

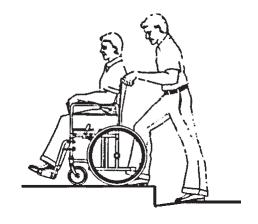
- 1. If equipped with anti-tippers, remove them temporarily.
- 2. Ensure that the hand grips are securely fastened and do not turn or slip.
- 3. Stand behind the Transport Chair, holding the hand grips, facing away from the curb, with the rear wheels against the curb.
- 4. Advise the user that you will be tilting backward and remind the user to lean back.
- 5. Tilt the Transport Chair back to its balance point and lift up by the push handles while pulling the Transport Chair up and over the curb. DO NOT lower the front casters down until the Transport Chair is back far enough to clear the curb.
- 6. If you have removed anti-tippers, replace them now.





#### For attendant: curb descent

- 1. If equipped with anti-tippers, remove them temporarily.
- 2. Ensure that the hand grips are securely fastened and do not turn or slip.
- 3. Stand behind the Transport Chair, holding the hand grips, with your back to the curb.
- 4. Look over your shoulder and step down carefully.
- 5. Hold the hand grips tightly and pull the Transport Chair until the rear wheels reach the curb edge.
- 6. Slowly roll the rear wheels down onto the lower level.
- 7. After the wheels are safely on the lower level, advise the user that you will be tilting backward and remind the user to lean back.
- 8. Tilt the Transport Chair back to its balance point; this will lift the front casters off the curb. Take several small steps backward until the front casters have cleared the curb.
- 9. Turn the Transport Chair around, place one foot on the tipping lever, and gradually lower the front casters to the ground.
- 10.If you have removed anti-tippers, replace them now.



#### **4 ADJUSTMENTS**

The EJ777-2 Transport Chair offers several adjustments to make it easier and more comfortable to operate. Section 7, MAINTENANCE, offers preventive maintenance suggestions for keeping your Transport Chair in excellent condition; ensure that all components are in excellent condition before adjusting. The following are recommended methods; after a few adjustments, you may develop your own. Always consult your Graham-Field dealer for assistance.

The person performing adjustments on the Transport Chair has the responsibility of making certain that the user and attendant can safely operate the Transport Chair with the adjustments selected. This person must evaluate the user's ability, weight, physical condition, the environment in which the Transport Chair will be used, and the terrain over which the Transport Chair will travel.

All adjustments and their page locations are referenced in the index at the end of this manual. Specific tools needed to perform each adjustment are identified in adjustment directions. Most of the following adjustments can be performed with the wrench included with your EJ777-2 Transport Chair. The only other tool necessary to perform all adjustments in this section is **one M6 hex key**.

#### **REAR WHEEL & CASTER**

We recommend that you do not replace or adjust rear wheel or caster components yourself, since special tools and training are required. Please contact your Graham-Field dealer when your rear wheels or casters need adjustment.

#### **CROSSBRACE**

#### **Tighten crossbraces**

Tools required: included wrench, M6 hex key

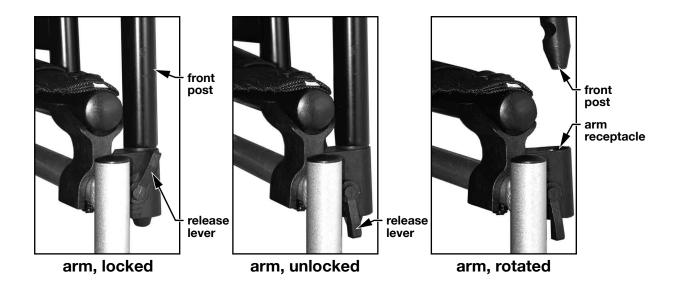
Check the crossbraces to ensure that the bolts and nuts that fasten the crossbraces in the center of the Transport Chair are secure (crossbraces should be loose enough to fold easily, yet snug enough to take up excess play). Use the included wrench and an M6 hex key to tighten the crossbraces.

#### **ARM**

#### Rotate arm up for transfer (see pictures below)

To rotate the arm backward for transfer:

- 1. Rotate the release lever down.
- 2. Hold arm by the front post and rotate it up and back.



Rotate arm down to reinstall (see pictures above)

To return the arm to operation position:

- 1. Rotate the arm forward and down into the arm receptacle.
- 2. Rotate the release lever up to lock front of arm into place.

Note: Front of arm must be fully down and engaged in the arm receptacle or the release lever will not lock into place.

⚠ WARNING: Ensure that arms are locked into place before occupying or operating Transport Chair.

#### FOOTREST—DETACHABLE, SWINGAWAY

 $\triangle$  WARNING: Do not stand on the footplates; this could cause the Transport Chair to tip.

### Remove footrest for transfer (see picture at right)

- 1. Pull swingaway release lever toward front of Transport Chair and swing footrest outward.
- 2. Lift footrest straight up off Transport Chair hinge pins.

## Attach footrest (see picture at right)

1. Set footrest on outside of Transport Chair so that footrest hinge plates engage Transport Chair hinge pins.



swingaway footrest

- 2. Swing footrest inward until release lever locks into place. Ensure that swingaway release lever is locked in place.

#### Adjust footplate extension length

Tools required: included wrench

There is a draw bolt in the bottom of the footplate extension tube that allows the footplate extension to be repositioned upward or downward in the footrest hanger. To lengthen or shorten footplate extension:

- 1. Loosen, but do not remove, the draw bolt using the included wrench.
- 2. Reposition the footplate extension at the desired position.
- 3. Resecure the draw bolt using the included wrench.
- 4. Follow steps 1-3 to adjust other footplate extension length. Ensure that footrest bolts are securely fastened, and that minimum ground clearance is  $2^{1/2}$  inches.



footrest



footplate

- $\triangle$  WARNING: The footplates' lowest point should be no closer to the ground than 2  $^{1}/_{2}$  inches, to permit proper clearance.
- $\triangle$  WARNING: Ensure that footplates are securely clamped before occupying or operating Transport Chair.

#### ATTENDANT WHEEL LOCKS

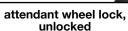
⚠ WARNING: Wheel locks are not brakes. Do not use the wheel locks to slow down the Transport Chair, or while the Transport Chair is moving. Wheel locks are only intended to keep the Transport Chair in place when it is at a complete stop.

#### For attendant: attendant wheel locks, temporary lock

The attendant wheel locks can be engaged temporarily:

- 1. To engage attendant wheel locks, squeeze the lower grip upward toward the push handle as shown at far right; the rear wheels will be locked in place as long as you hold the lower grip as shown.
- 2. To release attendant wheel locks, let go of the lower grip; the rear wheels will be free to move.







attendant wheel lock, temporarily locked

## For attendant: attendant wheel locks, indefinite lock (for transfer or stationary periods)

- 1. To engage attendant wheel locks indefinitely, push the lower grip down, away from the push handle, until it locks into place. The rear wheels will be locked in place.
- 2. To release attendant wheel locks, pull the lower grip upward toward the push handle until the rear wheels move freely.



attendant wheel lock, unlocked



attendant wheel lock, indefinitely locked

⚠ WARNING: Ensure that wheel locks lock in place appropriately before occupying or operating Transport Chair. If your wheel locks are not operating correctly, please see your Graham-Field dealer for repair.

#### 5 TRANSPORTING THE EJ777-2 TRANSPORT CHAIR

#### PREPARING THE EJ777-2 FOR TRANSPORT

⚠ WARNING: This Transport Chair does not offer seating or occupant restraint equivalent to the seat provided in a motor vehicle! To increase your safety while traveling in a motor vehicle, always transfer to the vehicle seat and use the restraint provided by the vehicle manufacturer.

When transporting the Transport Chair in a motor vehicle, do not place the Transport Chair where it will interfere with the safe operation of the vehicle or endanger the driver or passengers. The front seat is not a good location to store a Transport Chair during transport, as the Transport Chair can be dislodged and become a serious hazard to the vehicle driver. Always take precautions to avoid personal injury when loading or lifting a Transport Chair into or out of a vehicle. The Transport Chair can easily be transported in the rear seat or the trunk.



#### Fold the Transport Chair (see picture above)

- 1. Detach footrests from Transport Chair.
- 2. Fold the back: Press the upper back release levers toward the upper back until the back releases, then lower the upper back.
- 3. Fold the Transport Chair: Pull up sharply on the seat upholstery at front and rear center at the same time. Tip the Transport Chair sideways so the opposite wheel won't drag. Press the sides together.

#### Store Transport Chair in car's back seat

- 1. Move the car's front seat as far forward as possible.
- 2. Holding the folded Transport Chair by the carrying straps, lift it into the car and place it on the back seat floorboard. Stow the footrests alongside. DO NOT put any articles on top of the Transport Chair.

Ensure the Transport Chair is stable, will not shift while the car is in motion, and does not block the driver's field of vision.

#### **Store Transport Chair in car's trunk**

- 1. Holding the folded Transport Chair by the carrying straps, lift it and carefully place it in the trunk. Stow the footrests alongside.
- 2. DO NOT put any articles on top of the Transport Chair. Close the trunk lid slowly.

#### **Unfold the Transport Chair (see picture on previous page)**

- 1. Push down on the seat rails to open.
- $\triangle$  WARNING: DO NOT place your hand or fingers between seat rails and side panels.
- 2. Push down again on the seat rails to lock seat rails into place in cradles.
- 3. Unfold the back: Raise the upper back until it locks into place; ensure that upper back is locked into place before proceeding.
- 4. Install footrests.
- ⚠ WARNING: Ensure that Transport Chair is unfolded as instructed and that upper back is locked into place, seat rails are locked into place on cradles, and footrests are locked in place before occupying or operating Transport Chair.

#### **6 MAINTENANCE**

Protect your E&J EJ777-2 Transport Chair by having it serviced regularly. Proper care and maintenance are essential to keep your Transport Chair in safe working condition. Periodic inspection, adjustment, and replacement of worn parts will provide many years of superb performance. When you believe that a component or part of your Transport Chair is not functioning properly, contact your Graham-Field dealer immediately, as a potentially hazardous condition could result. Only excellent condition is acceptable where safety is concerned.

#### Service manual

There is no service manual for the Transport Chair. Please contact your Graham-Field dealer with service questions not answered by this manual.

Note: We recommend that you have a Graham-Field dealer perform a six month maintenance check, as the dealer may find and correct a problem which might otherwise go undetected and eventually cause more serious problems and/or personal injury.

#### **Do-it-yourself maintenance**

You can do many of the scheduled maintenance tasks yourself, if you have mechanical ability and a few basic tools. Refer to the maintenance schedule on the next page for the recommended regularity of each procedure. If any maintenance procedure is not clear to you, ask your Graham-Field dealer for assistance.

▲ CAUTION: Improper maintenance can cause operating problem and may affect your warranty.

⚠ WARNING: Unauthorized modification or the use of non-Everest & Jennings replacement parts could change the structure of the Transport Chair, void the warranty, and create a hazardous condition resulting in serious personal injury.

MAINTENANCE SCHEDULE								
Procedure Perform at least every								
	Week	month	3 months	6 months				
Check tire wear	~							
Check wheel lock engagement	~							
Check anti-tippers (optional)	~							
Wipe off frame with soft cloth	~							
Check handgrips		~						
Check upholstery		~						
Check rear wheel adjustment		~						
Check arms		~						
Check backposts / push handles		~						
Check footrests		~						
Clean frame with soap and water			<b>'</b>					
Check caster stem rotation			~					
GF dealer maintenance check				<b>V</b>				
Check rear wheel bearings (dealer)				~				
Check caster bearings (dealer)				~				

#### **List of tools**

The tools and cleaning supplies listed will assist in the procedures outlined in this section.

30 weight oil (available at most auto parts stores) Phillips screwdriver soft cloth mild soap and water solution

#### General care

Always evaluate the overall operation of your Transport Chair. It should function with ease and should travel straight without excessive drag or pull to one side.

Remember, your Graham-Field dealer knows your Transport Chair best when it comes to service and repairs. Contact your dealer with any questions or concerns regarding the safe operation and maintenance of your Transport Chair. Regular maintenance is essential for your safety and continued operation of your Transport Chair.

#### **Check tire wear**

Examine tires at least once a week for surface wear and cracks and replace them as needed. Always replace tires when they become loose on the rims or cracks appear.

#### **Check wheel lock engagement**

Check wheel lock engagement at least once a week. If a wheel lock is worn or damaged, have your Graham-Field dealer replace it immediately. Inspect the hardware for looseness or signs of wear.

Ensure that the locking mechanism operates smoothly. The locking assembly should be tight enough so that the wheel can not rotate or the lock slip. Check that the locking shoe does not press against the tire when in the unlocked position. Excessive force should not be required to either engage or release wheel locks. Oil the wheel lock pivot points with one or two drops of 30 weight oil. Remove excess oil and dirt.

#### **Check anti-tippers (optional)**

Check the anti-tippers at least once a week. Ensure that the anti-tippers are securely fastened and properly positioned.

#### **Check hand grips**

Check hand grips at least once a week. Ensure that they are not ripped. Ensure that they are tight and securely fastened.

#### **Check upholstery**

Check upholstery at least once a month. Inspect for rips, tears and worn spots. Ensure that all upholstery-attaching screws are present, properly aligned, and well-secured. Use a Phillips screwdriver to tighten upholstery mounting screws. Check attaching screws for sharp edges or stripped screws, and replace if found.

⚠ WARNING: Worn or torn upholstery, or upholstery with loose hardware, must be replaced immediately. It may not support body weight.

#### **Check rear wheel adjustment**

Inspect the wheels at least once a month. Check alignment by elevating the rear of the Transport Chair on a stable object until the rear wheels clear the ground, or placing the Transport Chair upside down in a stable position such that the wheels can spin freely. Spin the wheels; there should be no wobble or sideplay, and the wheels should spin freely without binding. The bearings should be clean and rotate smoothly. Check rim sideplay to verify that bearings are not too loose. If there is a problem, contact your Graham-Field dealer. If adjustment is required, this should be done by your Graham-Field dealer only.

#### **Check arms**

Check arms at least once a month. Inspect for sharp edges or cracks which could weaken the arm, and replace if found. Ensure that all attaching screws are present and tight. Use a Phillips screwdriver to tighten arm pad mounting screws. Check for burrs on the screw heads and replace if found. Ensure that screws do not extend into the padding. Confirm that the posts at base of arm fit correctly in the sockets, snug but not binding.

#### Check backposts / push handles

Check backposts at least once a month. Ensure that all mounting hardware is securely fastened and that the backposts are not bent or damaged. Ensure that upper back folding mechanisms are secure, work correctly, and that there is no play in upper back fold points. Contact your dealer if you observe back play, cracking or peeling paint or plating.

#### **Check footrests**

Check footrests at least once a month. Inspect the locking mechanisms to confirm sure fit. Check for cracks, burrs, or sharp edges, and replace if found. Ensure that the footrest will automatically lock securely in place and will not accidentally unlock.

#### **Cleaning your Transport Chair**

Wipe off base and seat frame frequently, at least once a week, using a soft cloth. Dry the Transport Chair immediately if exposed to moisture. Clean the frame every three months with a mild soap and water solution. The frame does not need to be waxed. Do not use solvents, abrasive waxes, caustic chemicals or spray silicone. Never use abrasive cleansers; they could scratch the finish. Never use steam or high pressure cleaners. Clean upholstery and plastic components at least once a month with a mild soap and water solution.

#### **Check casters**

Check the caster stems for proper rotation at least every three months. The caster fork must swivel freely to facilitate steering and handling. Adjusting the stem nut varies the amount of force required to turn the caster. If the nut is too loose, the caster will flutter or shimmy; if the nut is too tight, the Transport Chair will be difficult to steer. If the caster stem requires adjustment, or the stem bearings require replacement, contact your Graham-Field dealer. Ensure that stems are firmly attached to forks, and that forks and stems are not bent. Evaluate all threads, locking nuts and bearings.

#### **Check wheel bearings**

Have your Graham-Field dealer check caster and rear wheel axle bearings at least every six months.

#### 7 TROUBLESHOOTING

Continual use of your Transport Chair necessitates maintenance, especially if the factory-set adjustments have been altered. The following troubleshooting guide lists several common problems that may occur, and offers corrective actions for each. If you are unsure of the solution or unable to diagnose the problem, do not hesitate to ask your Graham-Field dealer for assistance.

	SY	/MI	PTO	OM		
looseness in transport chair	squeaks / rattles	caster flutter	sluggish turning	chair veers left	chair veers right	
						PROBABLE CAUSE AND CORRECTIVE ACTION
1	✓	1	1			Nuts and/or bolts may be loose. If so, tighten. Bolts should be snug.
		1	1	1	1	Rear wheels and/or casters may be adjusted improperly. Ensure that both casters are mounted in identical positions.
		1	1	1	1	Casters or stem(s) may be adjusted improperly. Have your GF dealer correct adjustment.

Note: Use only Everest & Jennings replacement parts. A Transport Chair replacement parts list is available at www.grahamfield.com to assist in the ordering of parts.

▲ CAUTION: A complete inspection of your Transport Chair, including maintenance, servicing and safety checks, should be performed by a Graham-Field dealer at least once every six months.

⚠ WARNING: Unauthorized modification or the use of non-Everest & Jennings replacement parts could change the structure of the Transport Chair, void the warranty, and create a hazardous condition, which could result in serious personal injury.

#### **8 SPECIFICATIONS**

The Everest & Jennings EJ777-2 Transport Chair has the following parameters:

Seat width	24 inches (61 cm)			
Seat depth	18 inches (45.7 cm)			
Seat to floor height	20 <sup>1</sup> / <sub>2</sub> inches (52.1 cm)			
Back height	18 inches (45.7 cm)			
Overall length	32 <sup>1</sup> / <sub>2</sub> inches (82.6 cm) not including footrests			
Overall height	39 <sup>1</sup> / <sub>4</sub> inches (99.7 cm)			
Overall width	30 <sup>1</sup> / <sub>4</sub> inches (76.8 cm)			
Width folded	10 inches (25.4 cm)			
Weight	31 lb (14.1 kg) not including footrests			
Maximum weight capacity	400 lb (182 kg)			
Note: all dimensions ±1/4 inch	(.5 cm)			

#### 9 LIMITED WARRANTY

This warranty has been drafted to comply with the Federal Law applicable to products manufactured after July 4, 1975. This warranty is extended only to the original purchaser/consumer or dealer/non-consumer and to no other purchaser or transferee. GF Health Products, Inc. warrants the EJ777-2 Transport Chair against manufacturing defects in materials and workmanship as listed below:

	WARRANTY PERIOD			
	3 mo.	6 mo.	1 yr.	3 yr.
EJ777-2 BARIATRIC TRANSPORT CHAIR				
Sideframes, crossbraces				✔
Wheels, front rigging, forks			✔	
Upholstered components, plastic parts, painted surfaces, rubber parts, bearings, and any other parts not specifically identified above		√		
REPLACEMENT PARTS* Sideframes, crossbraces		√		
All other components	I _			

\* The warranty period is as designated above. If a part is replaced under warranty, the original warranty period will not be affected. All other replacement parts will be subject to the warranty period specified.

The Warranty period for the consumer commences on the first date a product is delivered to the consumer by the seller/dealer. If the product is rented or leased, the warranty period commences on the invoice date from GF Health Products, Inc. A copy of the invoice showing date of purchase must be provided when submitting warranty claims. When proof of purchase date is not provided, warranty coverage shall commence upon GF Health Products, Inc.'s invoice date to the dealer/purchaser.

If within the warranty period, the product or component part is proven to GF Health Products, Inc.'s satisfaction to be defective, GF Health Products, Inc. shall provide, at its option, one of the following: (1) repair or replacement of any defective or nonconforming part or product or (2) a credit and/or refund of the original selling price made to GF Health Products, Inc.'s initial customer on a prorated or depreciated basis. GF HEALTH PRODUCTS, INC.'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY UNDER THIS WARRANTY SHALL BE LIMITED TO SUCH REPAIR, REPLACEMENT, CREDIT AND/OR REFUND. This warranty does not include any labor charges incurred in replacement part(s) installation or any associated freight or shipping charges to the manufacturer.

LIMITATIONS AND EXCLUSIONS: The foregoing warranty shall not apply to serial numbered products if the serial number has been removed or defaced. Products subjected to negligence, abuse, misuse, improper operation, improper maintenance, improper cleaning, improper storage, or damages beyond GF Health Products, Inc.'s control are not covered by this warranty, and that evaluation shall be solely determined by GF Health Products, Inc. This warranty shall not apply to problems arising from normal wear and tear or failure to follow instructions. The

warranty shall also not apply to products modified without GF Health Products, Inc.'s express written consent; nor shall it apply if parts not manufactured by GF Health Products, Inc., or if parts not complying with original equipment specifications are added to GF Health Products, Inc. products; or if the product or part is serviced by an entity not authorized by GF Health Products, Inc.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND SHALL NOT EXTEND BEYOND THE DURATION OF THE EXPRESS WARRANTY PROVIDED HEREIN, AND THE REMEDY FOR VIOLATIONS OF ANY IMPLIED WARRANTY SHALL BE LIMITED TO THE REPAIR, REPLACEMENT, CREDIT AND/OR REFUND OF THE DEFECTIVE PRODUCT OR PART PURSUANT TO THE TERMS CONTAINED HEREIN. GF HEALTH PRODUCTS, INC. SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

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

For warranty service, please contact the authorized dealer from whom you acquired your GF Health Products, Inc. product. In the event you do not receive satisfactory warranty service, please contact GF Health Products, Inc. at the address on the back cover. Do not return products to our factory without prior authorization. This warranty contains the entire agreement between the parties and supersedes any prior, contrary or additional representations or understandings, whether oral or written, concerning our warranty policy.

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