

Feather

Feather Manual 13.5 lbs Wheelchair (Grey Frame) Owners Manual



Product: Feather Manual 13.5lbs Wheelchair

Sku: 52-FCM18-GY-BLGY/GY/RD-SLR/ELR

Brand: Feather

Congratulations on buying the World's Lightest Manual Wheelchair!!

At only 13.5Lbs, the Feather Manual is one of the lightest wheelchairs in the world. Transporting individuals has never been easier! With brand-new materials, the Feather Wheelchair sets a new standard for lightweight wheelchairs. Anyone can lift this wheelchair into a car, truck, or SUV. The chair also folds down into a compact package. The Feather Manual is available in an array of color choices and upgrade features.

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Introduction

Congratulations on your purchase of the Feather Manual 13.5lbs wheelchair.

It is important that you read through this manual entirely before operating your chair. You will find instructions and recommendations for easy operation of the Feather Manual wheelchair.

Disclaimer

JYD Imports, HOVER, 1800 Wheelchair, or Feather Mobility, its affiliates, and partners, cannot be held responsible for personal injury or property damage that results from the unsafe or improper operation or maintenance of the Feather Chair 13.5lbs manual wheelchair and/or other JYD Imports, HOVER, or 1800 Wheelchair products purchased.

From time to time, our product development and engineering team will make design updates for this product. We reserve the right to make such changes when deemed necessary to improve on the design or to add value. As a result, there could be minor differences between the product that you have purchased and the photos, illustrations and instructions in this manual.



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Product Specifications

Weight Capacity	250 lbs
Product Weight (without rear wheels)	13.5 lbs
Product Weight (with rear wheels)	19 lbs
Seat Width	18"
Seat Depth	16"
Seat-to-Floor Height	19"
Seat Back Height	16"
Overall Width	25"
Overall Depth	30"
Overall Height	35"
Folded Width	15"
Folded Depth	29"
Folded Height	28"
Front Wheel Size	6"
Rear Wheel Size	22"
Axle Type	Fixed or Quick Release
Armrest Type	Fixed, Full Length
Armrest Height	9"
Upholstery Type	Nylon
Wheel Material	Solid, Polyurethane, No Fill
Brakes	Manual push to lock
Footrest Type	Swingaway Legrests or Elevating Legrests



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Safety, Maintenance, Operation & Setup

General Guidelines

MANDATORY! Do not operate your new wheelchair for the first time without completely reading and understanding this owner's manual.

Your wheelchair is a state-of-the-art, life-enhancement device designed to increase mobility. The manufacturer provides an extensive variety of products to best fit the individual needs of the wheelchair user. Please be aware that the final selection and purchasing decision regarding the type of wheelchair to be used is the responsibility of the wheelchair user, who is capable of making such a decision, and his or her healthcare professional (i.e., a medical doctor, physical therapist, etc)

The contents of this manual are based on the expectation that a mobility device expert has properly fitted the wheelchair to the user and has assisted the prescribing healthcare professional and/or the authorized provider in the instruction process for the use of the product. There are certain situations, including some medical conditions, where the wheelchair user will need to practice operating the wheelchair in the presence of a trained attendant. A trained attendant can be defined as a family member or healthcare professional specially trained in assisting a wheelchair user in various daily living activities.

As you begin using your wheelchair during daily activities, you will probably encounter situations in which you will need some practice. Simply take your time and you will soon be in full and confident control as you maneuver through doorways, on and off of elevators, up and down ramps, and over moderate terrain.

Below are some precautions, tips, and other safety considerations that will help you become accustomed to operating your wheelchair safely.

Safety

- This Feather product arrives in one size, ready for use.
- Make sure to take your time to learn how this Feather product works before you begin using.
- Always be aware of your surroundings when operating this Feather product.
- Take it easy. If you're not sure this Feather product will surpass an obstacle, find another way.
- The Feather product is designed for a single user. More than one user may result in personal injury to you and others.

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Notice to Caretakers

Make sure that you pay careful attention to all warnings and follow all instructions in each section of this manual. (Be aware that warnings that apply to the rider will also apply to you).

It is important that you pay close attention to all warnings in this section. If you fail to do so, you may fall, tip over or lose control resulting in severe injury to you or others.

Modifications

The manufacturer has designed and engineered your wheelchair to provide maximum mobility and utility. A wide range of accessories items are available from your authorized provider to further customize your wheelchair and to better suit your needs and preferences. However, under no circumstances should you modify, add, remove, or disable any feature, part, or function of your wheelchair.

WARNING! Do not modify your wheelchair in any way not authorized by the manufacturer. Do not use accessories if they have not been tested or approved for your specific wheelchair.

Pre-Ride Safety Check

Get to know the feel of your wheelchair and its capabilities. The manufacturer recommends that you perform a safety check before each use to make sure your wheelchair operates smoothly and safely. Before operating your wheelchair you should be trained in the safe use of this wheelchair by your authorized Provider.

Perform the following inspections prior to using your wheelchair:

- Check all wheels are in full operating condition and free from dings, erosions, and are making full contact with the ground.
- Check all hand brakes.

Weight Limit

- Never exceed the product weight capacity of 250 lbs for the rider plus any additional items.
- Exceeding the product weight limit is likely to damage the seat, frame, or fasteners and may cause severe injury to you or others.
- Exceeding the weight limit will void the warranty of this product.

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MANDATORY! Stay within the specified weight capacity of your wheelchair. Exceeding the product's weight capacity will void your warranty. The manufacturer will not be held responsible for injuries and/or property damage resulting from failure to observe weight limitations.

WARNING! Do not carry passengers in your wheelchair. Carrying passengers on your wheelchair is exceedingly dangerous and may affect the center of gravity, resulting in a tip or a fall.

WARNING! Do not carry baggage weighing more than 10 lbs (4.5 kg) on the back of the wheelchair. Carrying or tying baggage in excess of 10 lbs. (4.5 kg) on the back of the wheelchair may affect the center of gravity, resulting in a tip or a fall.

WARNING! Do not incline forward when operating, especially on stairs and uneven roads.

Tie Down System

This Feather product is not approved to be used with any tie down system, and is not authorized to be used to transport a seated user in a motor vehicle. Your wheelchair was designed to be folded and stored in a secure location, such as the trunk of a car, during motor vehicle transport. In addition, all removable wheelchair parts, including the armrests and front riggings should be removed and/or properly secured during movement.

- Never sit in this Feather product while in a moving vehicle. In an accident or sudden stop you may be forced out of the wheelchair from the impact.
- Never transport this Feather product in the front seat of a vehicle. It may interfere with driving.
- Always secure this Feather product, with no one sitting in it, so that it cannot roll or shift.

WARNING! Do not sit on your wheelchair while it is in a moving vehicle.

Cornering Information

While your wheelchair is equipped with front caster wheels, excessively high cornering speeds can still create the possibility of tipping. Factors which affect the possibility of tipping include, but are not limited to: cornering speed, steering angle (how sharply you are turning), uneven road surfaces, inclined road surfaces, riding from an area of low traction to an area of high traction (such as passing from a grassy area to a paved area – especially at high speed while turning), and abrupt directional changes. If you feel that you may tip over in a corner, reduce your speed and steering angle (ie, lessen the sharpness of the turn) to prevent your wheelchair from tipping over.

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WARNING! When cornering sharply, reduce your speed and maintain a stable center of gravity. This greatly reduces the possibility of a tip or fall.

Incline Information

More and more buildings have ramps with specified degrees of inclination, designed for easy and safe access. Some ramps may have turning switchbacks (180 degree turns) that require you to have good cornering skills on your wheelchair.

- Proceed with extreme caution as you approach the downgrade of a ramp or other incline.
- Take wide swings with your wheelchair's front wheels around any tight corners. If you do that, the wheelchair's rear wheels will follow a wide arc, not cut the corner short, and not bump into or get hung up on any railing corners.
- When operating down a ramp, proceed slowly to ensure a safely controlled descent.
- Avoid sudden stops and starts.

When climbing an incline, try to keep your wheelchair moving. If you must stop, start up again slowly and accelerate cautiously. When operating down an incline, proceed slowly. If your wheelchair starts to move down the incline faster than you anticipated or desired, bring it to a complete stop using both hands, then proceed slowly to ensure a safely controlled descent.

WARNING! When on any sort of an incline or decline, never allow the wheelchair to roll freely while seated on it or standing next to it.

WARNING! When climbing an incline, do not zigzag or drive at an angle up the face of the incline. Drive your wheelchair straight up the incline. This greatly reduces the possibility of a tip or a fall. Always exercise extreme caution when negotiating an incline.

WARNING! You should not travel up or down a potentially hazardous incline (ie areas covered with snow, ice, cut grass, or wet leaves)

WARNING! Never travel down an incline backward. Doing so may cause the wheelchair to tip over. Always exercise extreme caution when negotiating an incline.

WARNING! If your wheelchair is equipped with an optional carry bag mounted to the seat back, do not overload the bag or exceed the maximum load rating of the bag. Doing so could cause instability in your wheelchair when negotiating inclines, causing it to tip.

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WARNING! Any attempt to climb or descend a slope steeper than 5° (8.7%) may put your wheelchair in an unstable position and cause it to tip over.

Braking Information

To stop the wheelchair, apply resistance to the rear wheel handrims and the rear caregiver hand brakes until the wheelchair comes to a complete stop.

Manual Wheel Locks & Hand Brake

Your wheelchair is equipped with two manual rear wheel brakes which can lock into place, one mounted on each rear wheel, and the rear caregiver hand brakes, mounted onto the rear handles. Both sets of brakes can lock into place.

The manual wheel locks help prevent your wheelchair from moving when parked. After you bring your wheelchair to a complete stop, engage both manual rear wheel locks. If you have any questions about the operation of your manual wheel locks, contact your authorized provider.

NOTE: The manufacturer does not recommend that you remain parked on an incline for a long period of time as your wheelchair may slide or the manual wheel locks may become disengaged after extended use.

Outdoor Driving Surfaces

Your wheelchair is designed to provide optimum stability under normal driving conditions, which are dry, level surfaces composed of concrete, blacktop, or asphalt. However, the manufacturer recognizes that there will be times when you will encounter other surface types. For this reason, your wheelchair is designed to perform admirably on packed soil, grass, and gravel. Feel free to use your wheelchair safely on flat lawns and in park areas.

- Avoid driving on uneven terrain and/or soft surfaces.
- Avoid tall grass that can entangle the wheel spokes.
- Avoid loosely packed gravel and sand.
- Avoid uneven surfaces.
- Do not use your wheelchair in any water mass, fresh water, or saltwater.
- Do not use your wheelchair at the edge of any stream, lake, ocean, or body of water.
- If you feel unsure about a driving surface, avoid that surface.



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Inclement Weather Precautions

Exposure of your wheelchair to inclement weather conditions should be avoided whenever possible. If while operating the wheelchair, you are caught in sudden rain, snow, severe cold, or heat, proceed to shelter at the earliest opportunity. Thoroughly dry your wheelchair and inspect for damage to all components before storing or resuming use of this product.

WARNING! Operating in rain, snow, salt, mist or spray conditions, and on icy or slippery surfaces can have an adverse affect on your wheelchair. Maintain and store your wheelchair in a dry and clean condition.

WARNING! Prolonged exposure to hot or cold conditions may affect the temperature of upholstered and non-upholstered items on the wheelchair, possibly resulting in skin irritation. Exercise caution when using the wheelchair in extremely hot or cold conditions or when exposing your wheelchair to direct sunlight for prolonged periods of time.

WARNING! Wheelchairs are not designed to travel up or down stairs or escalators. Always use an elevator. Never use your wheelchair to negotiate steps or escalators.

WARNING! Never reach, lean, or bend while seated in your wheelchair. It is important to maintain a stable center of gravity and keep the wheelchair from tipping over. Never reach down between your knees or over the back of the seat as these movements can change your center of gravity and the weight distribution of the wheelchair. This may cause your wheelchair to tip over.

WARNING! Consult your physician if you are taking prescribed or over-the-counter medication or if you have certain physical limitations. Some medications and limitations may impair your ability to operate your wheelchair in a safe manner.

WARNING! Do not operate your wheelchair while you are under the influence of alcohol, as this may impair your ability to operate your wheelchair in a safe manner.

WARNING! The manufacturer strongly recommends that you do not smoke cigarettes while seated in your wheelchair, although your wheelchair has passed the necessary testing requirements for cigarette smoking, it is unsafe to smoke while operating your wheelchair.

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WARNING! The manual wheel locks are designed to keep your chair stationary while you are parked. They are not designed to stop the wheelchair while driving. Do not use either of the manual wheel locks to stop the wheelchair while driving.

Public Streets and Roadways

WARNING! You should not operate your wheelchair on public streets or roadways. Be aware that it may be difficult for traffic to see you when you are seated on your wheelchair. Obey all local pedestrian traffic rules. Wait until your path is clear of traffic and then proceed with caution.

Service Checks

WARNING! Never service or repair the wheelchair when the seat is occupied or in use.

It is important to perform regular safety checks in order to maintain the life and quality of the wheelchair and ensure your product is functioning properly.

- Check for loose or missing screws, nuts, and bolts. Replace or tighten them as necessary.
- Check for flat spots on solid tires. Flat spots could adversely affect stability.
- Check all manual wheel locks and brakes. Make sure they are working properly.
- Check the caster forks for damage or fluttering which indicates that they may need to be adjusted or have the bearings replaced.

Keep your wheelchair clean and free of foreign material, such as mud, dirt, hair, food, and drink.

Positioning Belts

Your authorized provider, physical therapist, or other healthcare professional is responsible for determining your requirement for a positioning seat belt, if necessary to operate your wheelchair safely. No positioning belt or seat belt should ever be used as a restraining device in a motor vehicle. All users should be properly belted into seats approved by the vehicle manufacturer with the wheelchair properly stowed for vehicle transport.

WARNING! If you require a positioning belt to safely operate your wheelchair, make sure it is fastened securely in order to reduce the possibility of a fall from the wheelchair.

WARNING! The positioning belt is not designed for use as a seat belt in a motor vehicle. Nor is your wheelchair suitable for use as a seat in any vehicle.

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Setting up your Feather Manual Wheelchair

Unboxing your new Feather wheelchair is a simple and enjoyable action! All Feather products are shipped fully assembled and folded up for shipping. Remove your wheelchair from the packaging materials first and confirm all components are present. Attach the rear wheels to the main frame (as needed). Then, lift up the rear push handles on the back canes to move the seat back into position and ensure it locks into place with the two back hinges.

Next lift up the two side seat handles before pressing down on the outside seat rails or armrests and your Feather product will fully unfold.

Finish the setup of your new Feather wheelchair by installing the velcro attached seat back and seat bottom overlay pieces, and installing the front legrests. Please note that the overlay pieces fit only on the seat bottom OR the seat back and the velcro pieces connect only one way. The front leg rests are side-specific items, either LH or RH.



If your wheelchair was equipped with rear anti-tippers, you can also install them to the rear frame.

The seat back and overlay pieces are made with a durable synthetic nylon mesh material and are fully machine washable. They must be air dried to avoid over drying in a commercial dryer.

Additional seat overlays in multiple color choices are available to purchase online at,

<https://feathermobility.com/>

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Warranty Information

The Feather Manual wheelchair comes with a limited warranty and the following coverage:

- **Frame:** The manufacturer covers the frame of its mobility chair under normal use for a lifetime limited warranty period. The manufacturer will at its sole discretion, repair or replace, any warrantable frame that fails within the warranty period.
- **Wearable Parts:** The manufacturer will at its sole discretion, repair or replace, any wearable parts for a period up to 6 months.

The warranties herein specified shall not apply if the failure of any component of this product to satisfy such warranty is due to accident, neglect, misuse, improper transportation arranged by the purchaser or its agent, or causes other than ordinary use including operation contrary to the manufacturer's operating instructions or if any person other than the manufacturer's authorized personnel shall modify, adjust, or repair such product or perform any related service on it. It must be understood that the purchaser assumes full responsibility for the overall safe operation in the environment for which the product is intended to function.

Warranty Exclusions

The manufacturer will not be responsible for,

- Repairs or modifications made to any part or section of the wheelchair product without specific prior written consent from the manufacturer.
- Circumstances beyond the control of the manufacturer.
- And fees associated with or caused by service, labor, service calls, shipping, or other charges incurred for repair of the product unless specifically authorized in advance by the manufacturer.
- Any damage caused by: abuse, misuse, accident, or negligence of the wheelchair product; improper operation, maintenance, or storage of the wheelchair product; or any commercial use of the wheelchair product.

Official Feather Parts

The hardware and parts of your Feather product are specially designed, high-strength items. Replacing any hardware or wheelchair components with non-approved parts may result in faulty operation of your Feather product and may cause harm to the end user. Using non-official brand parts or making unauthorized changes to a Feather product will void the product warranty.

<https://feathermobility.com/products/featherweight-wheelchair-13-5-lbs>

Thank you for your purchase!!