

Jazzy 1115

Owner's Manual

ATTENTION:
Please read the content
of your owner's manual
before operating your
power chair.



How a Power Chair Should Feel!™

Pride
Mobility Products Corp.

Exeter, PA
St. Catharines, ON

1-800-800-8586

www.pridemobility.com

SAFETY GUIDELINES

Please read and follow all instructions in this owner's manual before attempting to operate your power chair for the first time. If there is anything in this manual you do not understand, or if you require additional assistance for set-up, contact your authorized Pride provider.

Using your Pride product safely depends upon your diligence in following the warnings, cautions, and instructions in this owner's manual. Using your Pride product safely also depends upon your own good judgement and/or common sense, as well as that of your provider, caregiver, and/or healthcare professional. Pride is not responsible for injuries and/or damage resulting from any person's failure to follow the warnings, cautions, and instructions in this owner's manual. Pride is not responsible for injuries and/or damage resulting from any person's failure to exercise good judgement and/or common sense.

The symbols below are used throughout this owner's manual to identify warnings and cautions. It is very important for you to read and understand them completely.



WARNING! Failure to heed the warnings in this owner's manual may result in personal injury.



CAUTION! Failure to heed the cautions in this owner's manual may result in damage to your power chair.

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I . I N T R O D U C T I O N

INTRODUCTION

Welcome to Pride Mobility Products Corporation (Pride). Congratulations on the purchase of your new Pride Power Chair. The Pride Power Chair design combines the most advanced state-of-the-art components with modern, attractive styling. We are certain that the design features and trouble-free operation of your new power chair will add convenience to your daily living.

At Pride, your safety is important to us. Please read and follow all of the instructions in this manual before you attempt to operate your power chair for the first time. These instructions were produced for your benefit. Your understanding of these instructions is essential for the safe operation of your new power chair.

Pride is not liable for damage to property or personal injury arising out of unsafe use of a power chair. Pride is also not liable for any property damage or personal injury arising out of the failure of any person and/or user to following the instructions and recommendations set forth in this manual or any other instructions or recommendations contained in other power chair related literature issued by Pride or contained on the power chair itself.

This owner's manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products may cause slight variations between the illustrations and explanations in this manual and the product you have purchased.

If you experience any problems with your power chair that you are unable to solve, or if you do not feel capable of safely following any of the instructions and/or recommendations as contained in this manual, please contact your authorized Pride provider for assistance.

Once you understand how to operate and take care of your power chair, we are certain that it will give you years of trouble-free service and enjoyment.

Information Exchange

We want to hear your questions, comments, and suggestions about this manual. We would also like to hear about the safety and reliability of your new power chair, and about the service you received from your authorized Pride provider.

Please notify us of any change of address, so we can keep you apprised of important information about safety, new products, and new options that can increase your ability to use and enjoy your power chair. Please feel free to contact us at the address below:

Pride Mobility Products Corporation
Attn: Customer Care Department
182 Susquehanna Avenue
Exeter, PA 18643-2694
customer@pridemobility.com
800-424-8205

I. INTRODUCTION

Pride Owners Club

As an owner of a Pride product, you are invited to register your product's warranty and enroll in the Pride Owners Club. You may do so by filling out and returning your enclosed registration card or by visiting Pride's web site at www.pridemobility.com. As a registered member, each time you visit our site, you will have access to the most interactive and honest educational venue available today for people with mobility needs, their families, and friends.

From our home page, select "Owners Club" to enter a page dedicated to current and potential Pride product owners. You will gain access to interviews, stories, recreation ideas, daily living tips, product and funding information, and interactive message boards. These message boards invited you to communicate with other Pride customers as well as Pride representatives who are available to assist you with any questions or concerns you may have.

My Authorized Pride Provider Is:

Name: _____

Address: _____

Phone Number: _____

Purchase Date: _____

NOTE: If you ever lose or misplace your product registration card or your copy of this manual, contact us and we will be glad to send you a new one immediately.

II. SAFETY

SAFETY



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

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

The contents of this manual are based on the expectation that a mobility device expert has properly fitted the power chair to the user and has assisted the prescribing healthcare professional and/or the authorized Pride provider in the instruction process for the use of the product.

There are certain situations, including some medical conditions, where the power chair user will need to practice operating the power chair in the presence of a trained attendant. A trained attendant can be defined as a family member or care professional specially trained in assisting a power chair user in various daily living activities.

As you begin using your power chair 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 the user become accustomed to operating the power chair safely.

Modifications

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



WARNING! Do not modify your power chair in any way not authorized by Pride. Unauthorized modifications may result in personal injury and/or damage to your power chair.

Pre-Ride Safety Check

Get to know the feel of your power chair and its capabilities. Pride recommends that you perform a safety check before each use to make sure your power chair operates smoothly and safely. See X. "Care and Maintenance."

Perform the following inspections prior to using your power chair:

- Check for proper tire inflation. Maintain **30-35 psi** in each tire (if equipped with pneumatic tires).
- Check all electrical connections. Make sure they are tight and not corroded.
- Check all controller connections to the electronics tray. Make sure they are secured properly.
- Check the brakes. See X. "Care and Maintenance."
- Check battery charge. See IX. "Batteries and Charging."

II. SAFETY

NOTE: If you discover a problem, contact your authorized Pride provider for assistance.

Weight Limitations

Your power chair is rated for a maximum weight capacity. Please refer to the specifications table for this limit.



WARNING! Exceeding the weight capacity voids your warranty and may result in personal injury and/or damage to your power chair. Pride will not be held responsible for injuries and/or property damage resulting from failure to observe weight limitations.

WARNING! Do not carry passengers on your power chair. Carrying passengers on your power chair may result in personal injury and/or property damage.

Tire Inflation

If your power chair is equipped with pneumatic tires, you should check or have the air pressure checked at least once a week. Proper inflation pressures will prolong the life of your tires and help ensure the smooth operation of your power chair.



WARNING! It is important that 30-35 psi tire pressure be maintained in pneumatic tires at all times. Do not underinflate or overinflate your tires. Low pressure may result in loss of control, and overinflated tires may burst. Failure to maintain 30-35 psi tire pressure in pneumatic tires at all times may result in tire and/or wheel failure, causing serious personal injury and/or damage to your Jazzy.

WARNING! Inflate your power chair drive tires from a regulated air source with an available pressure gauge. Inflating your tires from an unregulated air source could overinflate them, resulting in a burst tire and/or personal injury.

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 power chair.

- Proceed with extreme caution as you approach the downgrade of a ramp or other incline.
- Take wide swings with your power chair's front wheels around any tight corners. If you do that, the power chair'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 driving down a ramp, keep the power chair's speed adjustment set to the slowest speed setting to ensure a safely controlled descent. See VIII. "Operation."
- Avoid sudden stops and starts.

When climbing an incline, try to keep your power chair moving. If you must stop, start up again slowly and then accelerate cautiously. When driving down an incline, set your power chair to the slowest setting and drive in the forward direction only. If your power chair starts to move down the incline faster than you anticipated or desired, allow it to come to a complete stop by releasing the joystick, then push the joystick forward slightly to ensure a safely controlled descent.

II. SAFETY

WARNING! When climbing an incline, do not zigzag or drive at an angle up the face of the incline. Drive your power chair 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 (i.e., areas covered with snow, ice, cut grass, or wet leaves).

WARNING! When on any sort of an incline or decline, never place the power chair in freewheel mode while seated on it or standing next to it. Doing so may result in personal injury and/or damage to your power chair.

WARNING! Never travel down an incline backwards. This may result in personal injury.

WARNING! Even though your power chair is capable of climbing slopes greater than those illustrated in figures 1 and 2, do not, under any circumstances, exceed the incline guidelines or any other specifications presented in this manual. Doing so could cause instability in your power chair, resulting in personal injury and/or damage to your power chair.

In compliance with the Americans with Disabilities Act of 1990, all handicap public access ramps are required to have a maximum slope of 5°. Therefore, Pride recommends that the maximum slope of an incline you attempt to safely ascend or descend on your power chair does not exceed 5°. See figure 1.



WARNING! Any attempt to climb or descend a slope steeper than 5° may put your power chair in an unstable position and cause it to tip, resulting in personal injury.

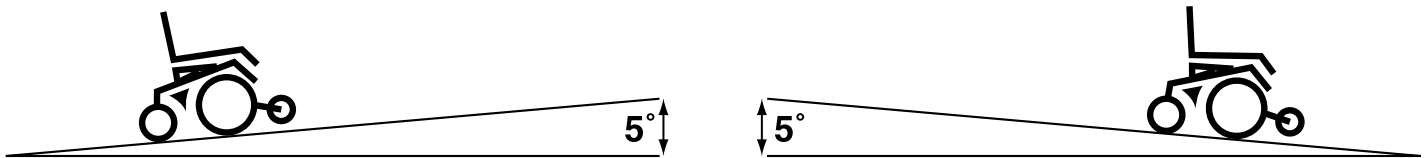


Figure 1. Maximum Safe Angle (Ascending and Descending)

Braking Information

Your power chair is equipped with two powerful brake systems:

1. Regenerative — uses electricity to rapidly slow the vehicle when the joystick returns to the center/stop position.
2. Disc Park Brake — activates mechanically after regenerative braking slows the vehicle to near stop, or when power is removed from the system for any reason.

Cornering Information

While your power chair is equipped with rear caster wheels in back and anti-tip wheels in front, 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. High cornering speeds are not recommended. If you feel that you may tip over in a corner, reduce your speed and steering angle (i.e., lessen the sharpness of the turn) to prevent your power chair from tipping.



WARNING! When cornering sharply, reduce your speed. This greatly reduces the possibility of a tip or fall. To avoid personal injury and/or property damage, always exercise common sense when cornering.

II. SAFETY

Outdoor Driving Surfaces

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

- Reduce your power chair's speed when driving on uneven terrain and/or soft surfaces.
- Avoid tall grass that can entangle the running gear.
- Avoid loosely packed gravel and sand.
- If you feel unsure about a driving surface, avoid that surface.

Freewheel Mode

Your power chair is equipped with a manual freewheel lever to allow for manual maneuverability by a trained attendant. For more information about how to place your power chair into and out of freewheel mode, see IV. "The Jazzy 1115."

WARNING! Do not use your power chair in freewheel mode without an attendant present. Personal injury may result.



WARNING! Do not attempt to personally place your power chair in freewheel mode while seated on it. Personal injury may result. Ask an attendant for assistance if necessary.

WARNING! Do not place your power chair in freewheel mode while on an incline. The chair could roll uncontrollably on its own, causing personal injury.

Stationary Obstacles (Steps, Curbs, etc.)

Proceed with extreme caution when driving near raised surfaces, unprotected ledges and/or drop-offs (curbs, porches, stairs, etc.). The correct method for approaching a curb is illustrated in figure 1a.



WARNING! Do not attempt to have your power chair climb or descend an obstacle that is higher than two inches unless you have the assistance of an attendant.

WARNING! Do not attempt to have your power chair proceed backward down any step, curb, or other obstacle. This may cause the power chair to tip and cause personal injury.

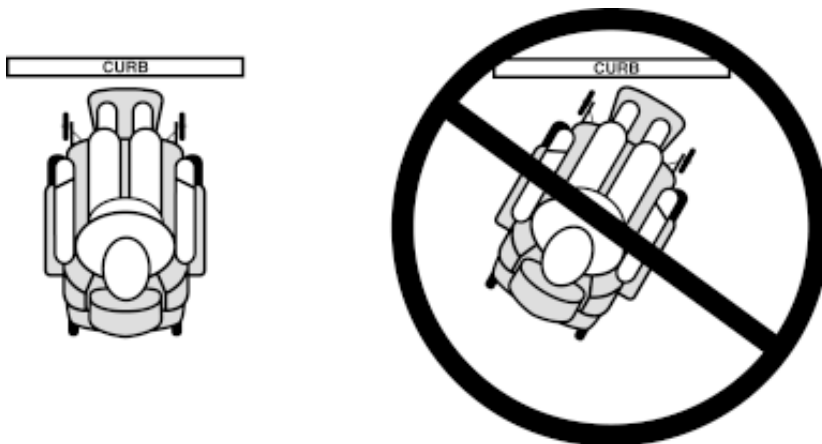


Figure 1a. Curb Approach (Correct and Incorrect)

II. SAFETY

Public Streets and Roadways



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

Stairs and Escalators

Power chairs are not designed to travel up or down stairs or escalators. Always use an elevator.



WARNING! Never use your power chair to negotiate steps or escalators. You may cause injury to yourself and to others and/or damage your power chair.

Doors

- Determine if the door opens toward or away from you.
- Drive your power chair gently and slowly forward to push the door open. Or drive your power chair gently and slowly backward to pull the door open.

Elevators

Modern elevators have a door edge safety mechanism that, when pushed, reopens the elevator door(s).

- If you are in the doorway of an elevator when the door(s) begin to close, push on the rubber door edge or allow the rubber door edge to contact the power chair and the door will reopen.
- Use care that pocketbooks, packages, or power chair accessories do not become caught in elevator doors.

EMI & RFI

Laboratory tests performed by the Food and Drug Administration (FDA) have shown that radio waves can cause unintended motion of electric mobility vehicles. Radio waves are a form of electromagnetic energy (EM). When EM adversely affects the operation of an electronic device, it is called Electromagnetic Interference (EMI) or Radio Frequency Interference (RFI). For more information, see III. “EMI/RFI.”

Lift/Elevation Products

If you will be traveling with your power chair, you may find it necessary to use a lift/elevation product to aid in transportation. Pride recommends that you closely review the instructions, specifications, and safety information set forth by the manufacturer of the lift/elevation product before using that product.

Motor Vehicle Transport

Currently, there are no standards approved for tie-down systems in a moving vehicle of any type to transport a person while seated in a power chair.

Transfers

Transferring onto and off of your power chair requires a good sense of balance. Always have an attendant or healthcare professional present while learning to properly transfer yourself.

II. SAFETY

To eliminate the possibility of injury, Pride recommends that you or a trained attendant perform the following tasks before attempting a transfer:

- Turn the power off. See VIII. “Operation.”
- Ensure your power chair is not in freewheel mode. See IV. “The Jazzy 1115.”
- Turn both caster wheels toward the transfer destination to improve power chair stability during transfer.
- Make sure both armrests are flipped up or removed from your power chair.
- Flip the footrest up, or move the leg rests aside; this will help to keep your feet from getting caught on the footrest or the leg rests during the transfer.
- Reduce the distance between your power chair and the object you are transferring onto.

WARNING! Before transferring, position yourself as far back as possible in the power chair seat to prevent the power chair from tipping forward during transfer and causing injury.



WARNING! Avoid using your armrests for weight bearing purposes. Such use may cause the power chair to tip and cause personal injury.

WARNING! Avoid putting all of your weight on the footrest. Such use may cause the power chair to tip and cause personal injury.

Positioning Belts

Your authorized Pride provider, therapist(s), and other healthcare professionals are responsible for determining your requirement for a positioning belt in order to operate your power chair safely.

WARNING! If you require a positioning belt to safely operate your power chair, make sure it is fastened securely. Serious personal injury may result if you fall from the power chair.



WARNING! The positioning belt is not designed for use as a seat belt in a motor vehicle. Nor is your Jazzy suitable for use as a seat in any vehicle. Anyone traveling in a vehicle should be properly belted into seats approved by the vehicle manufacturer.

WARNING! Do not sit on your power chair while it is in a moving vehicle. Personal injury and/or property damage may result.

WARNING! Always be sure your power chair and its batteries are properly secured when it is being transported. Failure to do so may result in personal injury and/or damage to your power chair.

Inclement Weather Precautions



WARNING! Pride recommends that you do not operate your power chair in icy or slippery conditions or on salted surfaces (i.e., walks or roads). Such use may adversely affect the performance and safety of your power chair, resulting in an accident and personal injury.

WARNING! Do not expose your power chair to any type of moisture at any time (rain, snow, mist, or wash). Such exposure can damage your power chair. Never operate your power chair if it has been exposed to moisture until it has dried thoroughly.

II. SAFETY

Reaching and Bending

Never reach, lean, or bend while driving your power chair. If it is absolutely necessary to reach, lean, or bend while seated on your power chair, it is important to maintain a stable center of gravity and keep the power chair from tipping. Pride recommends that the power chair user determine his/her personal limitations and practice bending and reaching in the presence of a qualified healthcare professional.



WARNING! Do not bend, lean, or reach for objects if you have to pick them up from the floor by reaching down between your knees. Movements such as these may change your center of gravity and the weight distribution of the power chair. This may cause your power chair to tip, possibly resulting in personal injury. Keep your hands away from the tires when driving.

Batteries

In addition to following the warnings below, be sure to comply with all other battery handling information. For more information about your power chair's batteries, see IX. "Batteries and Charging."



WARNING! Power chair batteries are heavy. See specifications table. If you are unable to lift that much weight, be sure to get help. Lifting beyond your capacity can result in personal injury.

WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

WARNING! Always protect the batteries from freezing and never charge a frozen battery. Charging a frozen battery may result in personal injury and/or damage to the battery.

Preventing Unintended movement



WARNING! If you anticipate being seated in a stationary position for an extended period of time, turn off the power. This will prevent unexpected motion from inadvertent joystick contact. This will also eliminate the possibility of unintended chair movement from electromagnetic (EM) sources. Failure to do so may result in personal injury.

Prescription Drugs/Physical Limitations

Users must exercise care and common sense when operating a power chair. This includes awareness of safety issues when taking prescribed or over-the-counter drugs or when the user has specific physical limitations.



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 power chair in a safe manner.

Alcohol

The power chair user must exercise care and common sense when operating his/her power chair. This includes awareness of safety issues while under the influence of alcohol.



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

Removable Parts



WARNING! Do not attempt to lift or move a power chair by any of its removable parts. Personal injury and/or damage to the power chair may result.

III. EMI / RFI

Laboratory tests performed by the Food and Drug Administration (FDA) have shown that radio waves can cause unintended motion of power chairs. Radio waves are a form of electromagnetic energy (EM). When this energy adversely affects the operation of an electronic device, it is called Electromagnetic Interference (EMI) or Radio Frequency Interference (RFI).



WARNING! Radio waves may interfere with the control of power chairs!

EMI/RFI—FREQUENTLY ASKED QUESTIONS (FAQS)

The following FAQs summarize what you should know about EMI/RFI. Use this information to minimize the risk that EMI/RFI will effect your power chair.

Where do radio waves come from?

Radio waves are emitted from the antennas of cellular phones, mobile two-way radios (such as walkie-talkies), radio stations, TV stations, amateur radio (HAM) transmitters, wireless computer links, microwave sources, and paging transmitters. Radio waves are a form of electromagnetic energy. Because EM is more intense closer to the transmitting antenna (source of emission), the EM fields from two-way radios are of special concern to power chair users.

If my power chair is affected by EMI/RFI, what kind of motion should I expect?

This is hard to predict. It depends on a number of factors:

- Strength of the radio waves
- Construction of the power chair
- Position of the power chair (whether it is on level ground or on an incline)
- Whether or not the power chair is in motion

An affected power chair's movement can be erratic. It may move by itself or come to a sudden stop. Furthermore, it is possible for EMI/RFI to unexpectedly release the brakes on a power chair. Some intense sources of EMI/RFI can even damage the control system of your Jazzy.

Is there any way to know for sure whether radio waves are responsible for the unintended motion of my power chair?

Unfortunately, interference from radio wave sources may be difficult to recognize, since the signals from these sources are invisible and may be intermittent. However, the FDA recommends that you report all incidents of unintended motion or brake release to the power chair manufacturer, and if possible, note whether there was a radio wave source nearby at the time of the incident.

Has anyone been hurt from erratic, unintended motion of power chairs?

The FDA has reports of injuries that resulted from the apparent uncontrolled motion of power chairs. However, it is unclear how many of these incidents were actually caused by radio wave interference.

III. EMI/RFI

Are all power chairs susceptible to EMI?

Each make and model of chair differs in its ability to resist electromagnetic interference. That is, each has a particular level of “immunity” to interference, measured in volts per meter (V/m). A higher immunity level offers greater protection. In other words, a power chair with a high immunity level is less likely to be affected by a strong radio source than one with a low immunity level.

What is the FDA doing about the problem?

The FDA has written to the power chair manufacturers and requested that they test their new products to be sure that they provide a reasonable degree of immunity against EMI. The letter states that power chairs should have an immunity of at least 20 V/m. This provides a reasonable degree of protection against the common sources of EMI/RFI.

The FDA has also requested that these manufacturers clearly label their products with the immunity level, or state that the immunity level is not known. The labeling and informational material supplied with the power chair must explain what the immunity level means, and the labeling or informational material must warn users about the possibility of EMI/RFI and how to avoid it. In addition, the FDA has recommended that manufacturers establish an educational program to inform power chairs users and their caregivers about the problems associated with EMI/RFI, and the actions they can take to minimize the risk. The FDA has requested that power chair manufacturers implement these actions by December 2, 1994.

What can I do to find out if my power chair is likely to be affected by EMI/RFI?

If you’ve had your power chair for a long time and haven’t experienced any unintended motion, it is not likely that you will have problems in the future. But it is always possible that problems could arise if you are close to a source of radio waves. Therefore, it is very important to be alert to this possibility. The Jazzy 1115 meets or exceeds an immunity level of at least 20 V/m.

What can I do to reduce the risk that my power chair could be affected by EMI/RFI?

- Here are some precautions you can take:
- Do not turn on or use hand-held personal communications devices, such as citizens band (CB) radios and cellular phones, while the power chair is on.
- Be aware of nearby transmitters, such as radio or TV stations and hand-held or mobile two-way radios, and try not to come close to them. For example, if you are in a power chair with an immunity level of 20 V/m, you should remain at least three feet from a hand-held two-way radio and ten feet from a mobile two-way radio.
- Be aware that adding accessories and/or components or modifying the power chair may make it more susceptible to interference from radio wave sources.
- There is no easy way to evaluate their effect upon the overall immunity of the power chair.

What should I do if my power chair moves unexpectedly?

If unintended motion or brake release occurs, turn the power chair off as soon as it is safe to do so.

If my power chair moves unexpectedly, where should I report this?

Call Pride at 800-424-8205 to report the incident.

IV. THE JAZZY 1115

THE JAZZY 1115

Your Jazzy has two main assemblies: the seat and the power base. See figure 1. There are a variety of seating options that are designed to accommodate most users. Typically, the seating system includes the armrests, the seat-back, the seat base, and the joystick/controller. Your Jazzy seat may also have some optional accessories attached to it, such as a basket, a cane/crutch holder, a cup holder, or a power seat switch. See XI. "Optional Accessories" in this manual.

The power base is the heart of the Jazzy 1115. The power base assembly includes two motor/brake assemblies, two anti-tip assemblies, two drive wheels, two anti-tip wheels, two rear casters, two battery boxes, and all wiring harnesses. See figures 1b, 2, and 3.

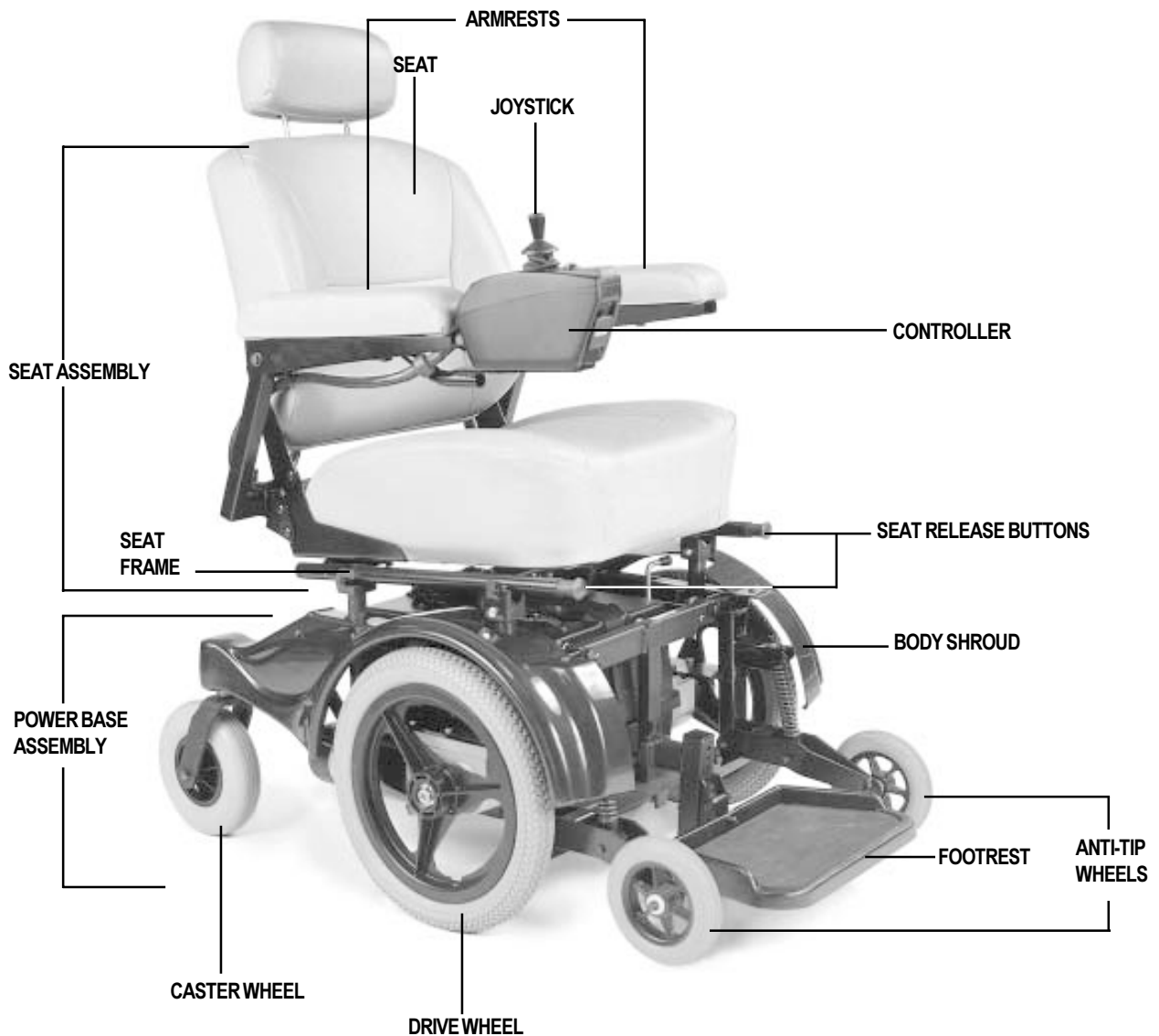


Figure 1b. The Jazzy 1115

IV. THE JAZZY 1115

	SPECIFICATIONS
Suspension:	Limited Suspension
Drive Wheels:	14 in., pneumatic, center-mounted (solid tires are optional)
Caster Wheels:	8 in., solid, rear articulating
Anti-tip Wheels:	6 in., solid, front mounted
Maximum Speed:	Up to 4.5 mph
Brakes:	“Intelligent Braking,” electronic regenerative, disc park brake
Ground Clearance:	3.5 in.
Turning Radius:	19.5 in.
Overall Size:	Length: 39 in. Width: 23.5 in. (assembled)
Seating Options:	Medium Back (standard) High Back with headrest Synergy Seat
Drivetrain:	Two motor, mid-wheel
Batteries:	Two 12-volt, NF-22 batteries
Range:	Up to 25 miles
Battery Charger:	5-amp, Onboard 5-amp, Off-board (optional)
Electronics:	50-amp VSI Controller
Weight Capacity:	250 lbs.
Component Weights:	Seat: 33 lbs. Footrest: 7 lbs. Front battery and case: 40 lbs. (Battery 38 lbs.) Rear battery and case: 45 lbs. (Battery 38 lbs.) Battery well frame: 5 lbs. Front frame: 3.5 lbs. Right frame assembly: 32.5 lbs. Left frame assembly: 32.5 lbs.
Warranty:	Lifetime limited warranty on frame 2-year electronics warranty 18 months on drive motors

IV. THE JAZZY 1115

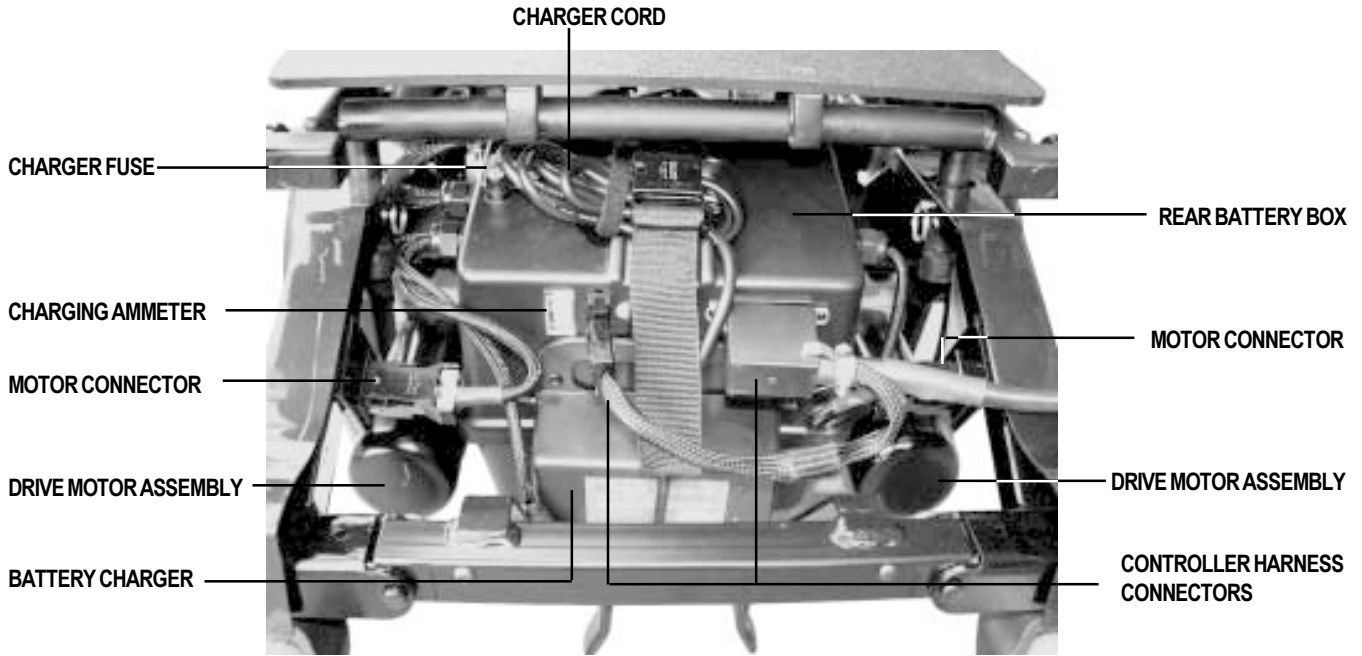


Figure 2. Jazzy 1115 power base (rear)

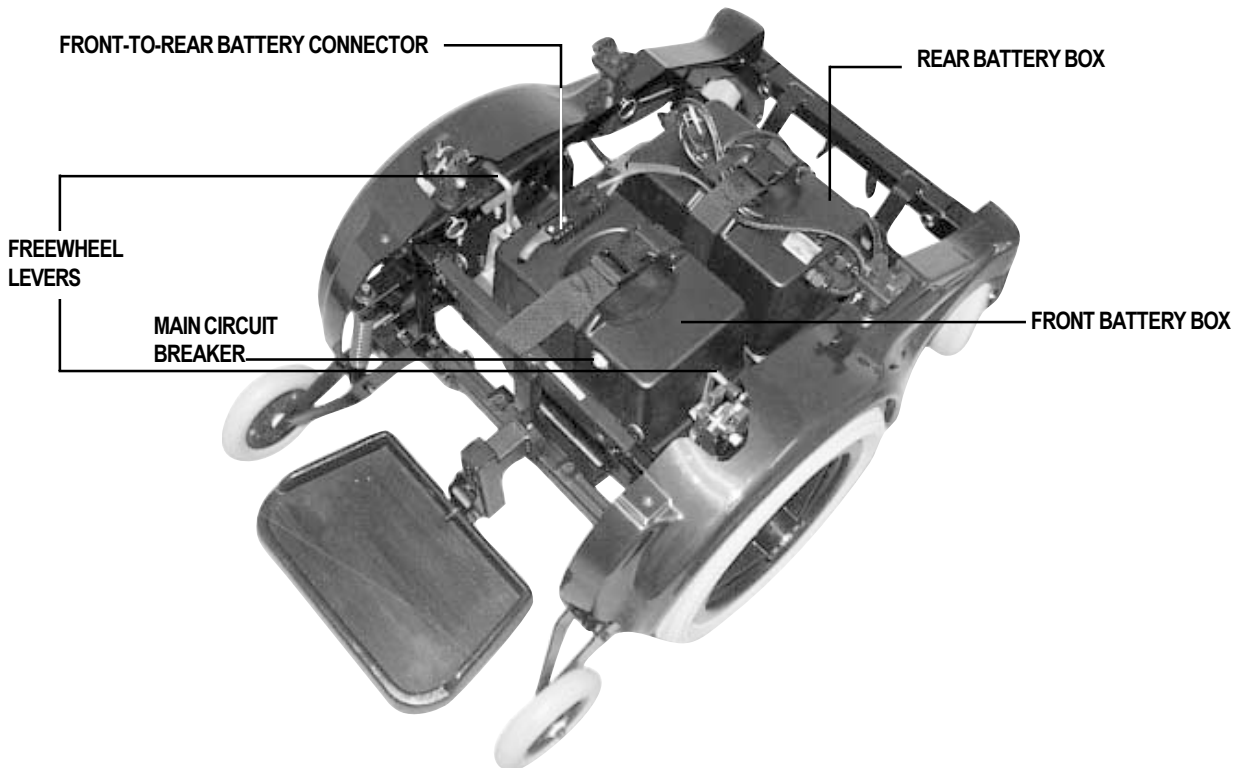


Figure 3. Jazzy 1115 power base

IV. THE JAZZY 1115

POWER BASE COMPONENTS

The power base consists of the following components:

- **Charging Ammeter:** The ammeter displays the charger’s current output in amps. See figure 2. For more information, see IX “Batteries and Charging.”
- **Charger Fuse:** This protects the Jazzy from high charging currents. It takes a 7.5 amp fuse. There is an extra 7.5 amp fuse attached to the rear battery box. See figure 2.
- **Main circuit breaker:** The main circuit breaker is a safety feature built into your Jazzy 1115. When the batteries and the motors are heavily strained (e.g., from excessive loads), the main circuit breaker trips to prevent damage to the motors and the electronics. If the circuit trips, allow the Jazzy to “rest” for approximately one minute. Then, push down the circuit breaker button, turn on the joystick controller, and continue normal operation. If the main circuit breaker continues to trip repeatedly, contact your authorized Jazzy 1115 provider. See figure 3.
- **Controller Harness Connectors:** These are where the joystick cables connect to the power base. See figure 2.
- **Motor Connectors:** These are where the joystick controller and batteries connect to the motor/brake assemblies. See figure 2.
- **Battery Charger:** The battery charger is attached to the rear battery box. See IX. “Batteries and Charging” for more information. See figure 2.
- **Battery Boxes:** There are two battery boxes—front and rear. The front battery box houses the main circuit breaker. The rear battery box houses the ammeter, the charger fuse, the controller connectors, and the motor connectors. See figures 2 and 3.
- **Drive Motor Assemblies:** There are two drive motor assemblies. Each assembly consists of a motor, an electronic brake, a gearbox, and a freewheel lever. See figures 2 and 3.
- **Front-to-Rear Battery Connector:** This is where the front and rear batteries connect to each other. See figure 3.

IV. THE JAZZY 1115

FREEWHEEL LEVERS

For convenience, your Jazzy 1115 is equipped with two freewheel levers. These levers allow you to disengage the drive motors and maneuver the chair manually. See figure 3.



WARNING! DO NOT use the Jazzy 1115 without the presence of an attendant while the drive motors are disengaged! DO NOT disengage the drive motors when your Jazzy 1115 is on an incline, as the chair could roll down on its own, causing injury!

To engage or disengage the drive motors:

1. Turn the freewheel levers outward to disengage the drive motors.
2. Turn the freewheel levers inward to engage the drive motors.



CAUTION! It is important to remember that when your Jazzy is in freewheel mode, the braking system is disengaged.

If a lever is difficult to move in either direction, rock the Jazzy 1115 back and forth slightly. The lever should then move to the desired position.

V. ASSEMBLY

To assemble the front frame:

1. Place the three frame assemblies next to each other as shown in figure 4.
2. Stand behind the assemblies, and grasp the front frame with your left hand, then fit the notch on the bottom bar of the front frame onto the locating pin on the lower section of the left or right frame assembly. (The frame is shown in figure 5.)
3. Pivot the front frame top bar toward the left frame assembly and push the top bar of the front frame onto the locking mechanism until the two assemblies snap securely into place.



CAUTION! The front frame should be positioned with the two semicircular notches in the vertical bar facing forward.

4. Grasp the other frame assembly and lift the frame assembly into an upright position.
5. Tilt the front frame and the attached frame assembly (right side) so that the notch on the bottom bar of the front frame fits onto the locating pin on the bottom section of the other frame assembly (left side). You will also have to tilt the frame assembly (left side) slightly away from the front frame to make the parts fit together. See figure 6.
6. Pivot together the right frame assembly and the front frame until the locking mechanism on the top bar of the front frame snaps securely to the right frame assembly.



CAUTION! Make certain that the front frame is snapped securely to both the right frame assembly and to the left frame assembly.

To install the battery well frame:

1. Face the rear of the chair and hold the battery well frame so that the “belly” of the well hangs downward.
2. Position the notches on the front of the battery well frame onto the locating pins on the bottom bar of the front frame. See figure 7.

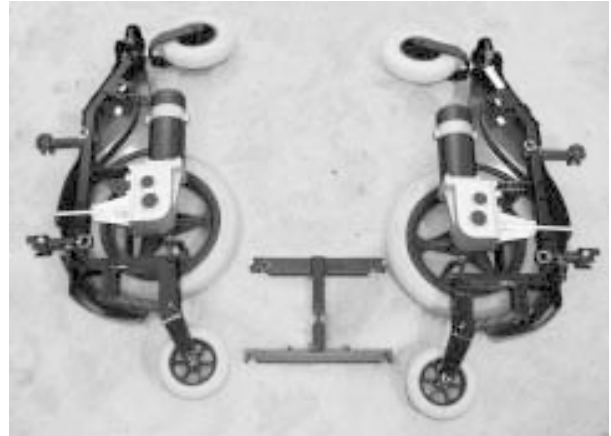


Figure 4. Frame assemblies



Figure 5. Front frame assembly



Figure 6. Fitting the frames

V. ASSEMBLY

3. Fit the notch on either side of the rear of the battery well frame onto the locating pin on the right frame assembly and onto the locating pin on the left frame assembly.
4. Make certain that the locking mechanisms snap securely into place.

To install the battery cases:

1. Place the front battery case (with the battery inside) into the front end of the battery well frame. Position the battery case so that the circuit breaker reset button is facing the front of the chair.
2. Place the rear battery case (with the battery inside) into the back end of the battery well frame. The charger fits between the rear angled supports of the battery well frame and faces toward the back of the chair.
3. Make certain that none of the wiring harnesses or cables are pinched between the battery or the motor controller box and the frame.
4. Connect the 2-conductor rear-to-front battery cable connector from the rear battery case to the socket on the top of the front battery case. Keep the positive (+) and the negative (-) indicators on the connector facing upward as you slide the connector into the matching socket. Push the connector firmly and fully into the socket. See figure 8.
5. Plug the left, 4-conductor power cable connector into the matching socket on the left frame assembly; plug the right, 4-conductor power cable connector into the matching socket on the right frame assembly. See figure 9. Keep the red and black conductor terminals facing up as you make the connections. Push each connector into its matching socket until you hear the “click” of the latching mechanisms.

To install the seat:



WARNING! Do not pick up the seat frame by the armrests. They are free to pivot, and you may lose control of the seat if they do so, resulting in personal injury or damage to the chair.

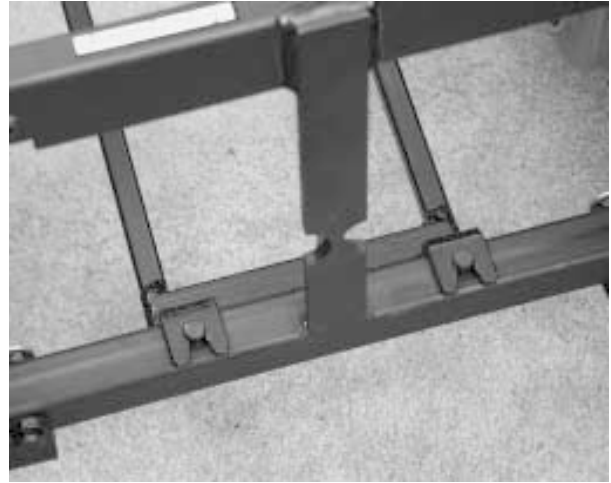


Figure 7. The locating pins



Figure 8. The front-to-rear battery cable connector



Figure 9. Motor harness connector

V. ASSEMBLY

1. Pick up the seat by the frame itself (not by the armrests) and slide the locating pins near the back of the frame into the matching slots on the left and rear seat post tower mounts.
2. Slide the pins to the back of the slots. It may be necessary to wiggle the seat slightly from side to side to seat the pins firmly at the back of the slots.
3. Push the front of the seat frame down until both the left and the right frame sides lock into the front seat post tower mounts. See figure 10.

To mount the footrest:

1. Match the two tabs at the back of the footrest mounting bracket with the two semicircular notches in the vertical bar of the front frame.
2. Push the tabs through the matching notches.
3. Slide the footrest down into place. See figure 11.

To connect the joystick:

1. Plug the controller harness into the matching sockets on the rear battery case as shown in figure 12.
2. Do not place the joystick cable so that it can be pinched in the seat frame or the chair frame.



CAUTION! Do not place the controller cable so that it can be pinched in the seat frame or the power base frame.



Figure 10. Locking the seat frame



Figure 11. Mounting the footrest



TWIST THE CABLE ONCE OR TWICE SO THAT IT DOES NOT EXTEND BEYOND THE SIDE OF THE JAZZY.

CONTROLLER HARNESS CONNECTORS

Figure 12. Connecting the controller harness

VI. COMFORT ADJUSTMENTS

After you have become familiar with your Jazzy's operation, you may find the need to make adjustments to the Jazzy's seat. There are some adjustments you can make to increase your comfort, such as seat height and angle, armrest height and angle, the footrest height and angles, and the joystick position.



WARNING! If your Jazzy 1115 was configured at your local Jazzy provider or service center, please consult your health care professional before changing seat position, or making any other adjustment. Some of these adjustments may degrade your Jazzy's performance and safety by changing its center of gravity.

SEAT HEIGHT AND ANGLE

You can change the seat height by either raising or lowering the seat towers.

To change the seat height:

1. Remove the seat. See VII "Disassembly."
2. Remove the ball detent pin from each seat tower. See figure 13.
3. Raise or lower each seat tower to the desired position.
4. Install the ball detent pin into each seat tower.
5. Install the seat.

You can change the seat angle by either raising or lowering only one set of seat towers (front or rear).

ARMREST WIDTH ADJUSTMENT

To change the armrest width:

1. Locate the two knobs on the arm rest receiver bracket. See figure 14.
2. Loosen the knobs, slide the armrests in or out for the desired width.
3. Tighten the knobs.

REMOVE BALL DETENT PIN TO
RAISE OR LOWER SEAT TOWER



Figure 13. Seat height adjustment

LOOSEN KNOB TO MOVE ARMREST



Figure 14. Armrest width adjustment

VI. COMFORT ADJUSTMENTS

ARMREST ANGLE ADJUSTMENT

You can increase or decrease the armrest angle to fit your specific needs. See figure 15.

To change the armrest angle:

1. Lift the armrest straight up so that it is perpendicular to the floor.
2. Use a 7/16 in. wrench to loosen the jam nut. See figure 15.
3. Use a 5/32 in. hex key to loosen the adjusting screw.
4. Turn the screw clockwise to lower the front of the armrest and counterclockwise to raise the front of the armrest.
5. Lock the adjusting screw into place by tightening the jam nut.

ARMREST HEIGHT ADJUSTMENT (OPTIONAL)

Your Jazzy may be equipped with height-adjustable armrests.

To change the armrest height:

1. Remove the ball detent pin from the armrest.
2. Move the armrest up or down to the desired height.
3. Align the holes and reinsert the ball detent pin.

EXTENSION ADJUSTMENT

The joystick control can easily slide out away from the armrest, or in toward the armrest.

To extend the joystick:

1. Use a 3/16 in. hex wrench to loosen the setscrew.
2. Slide the joystick mounting bracket into or out of the armrest to the desired position. See figure 16.

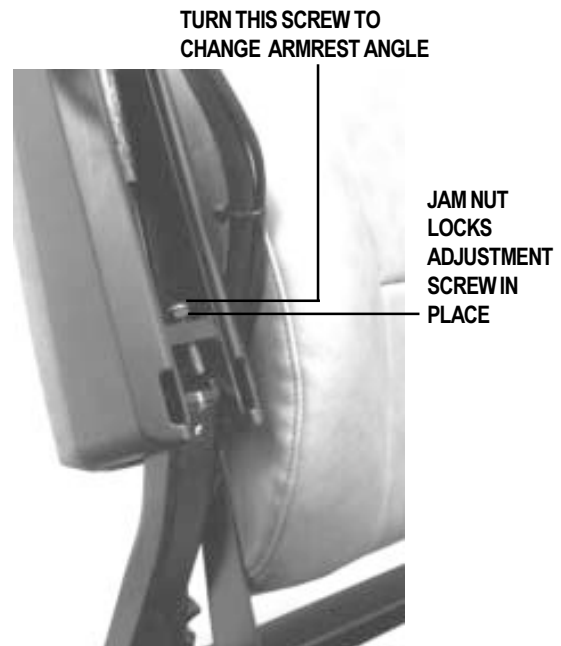


Figure 15. Armrest angle adjustment



Figure 16. Underside of armrest

VI. COMFORT ADJUSTMENTS

FOOTREST HEIGHT

The footrest height is easily adjusted to one of six different heights, in one-inch increments.

To raise or lower the footrest:

1. Remove the two 7/16 in. bolts and their nuts from the footrest. See figure 17.
2. Raise or lower the footrest to the desired height.
3. Install the two 7/16 in. bolts and nuts into the footrest and tighten.

FOOTREST ANGLE

You can adjust the angle of the footrest with a 3/16 in. hex wrench. See figure 17.

To adjust the footrest angle:

1. Turn the setscrew clockwise to raise the front of the footrest.
2. Turn the setscrew counterclockwise to lower the front of the footrest.
3. Tighten the setscrew by turning it clockwise.

JOYSTICK POSITION

You can adjust the joystick position for either left-hand or right-hand use.

To change the joystick position:

1. Disconnect the controller harness from the rear battery box. See figure 2.
2. Cut the wire-tie that attaches the controller cable to the armrest.
3. Use a 3/16 in. hex wrench to loosen the setscrew. See figure 16.
4. Slide the joystick mounting out of the armrest and place it in the other armrest.
5. Tighten the setscrew.
6. Connect the controller cable to the armrest with a wire tie. See figure 18.

USE THIS SETSCREW TO CHANGE FOOTREST ANGLE

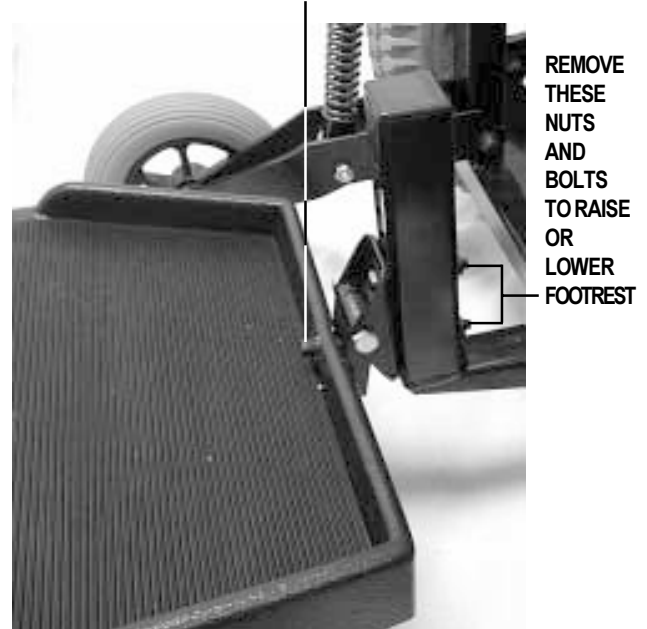


Figure 17. Footrest adjustment

USE A WIRE TIE TO SUPPORT THE CONTROLLER CABLE.



Figure 18. Wire tie location

VI. COMFORT ADJUSTMENTS

ANTI-TIP WHEELS

WARNING! Consult your Pride Provider before attempting to change the anti-tip wheel height! Changing the anti-tip height affects handling under deceleration!



WARNING! The higher you raise the anti-tip wheels, the more you increase your power chair's tendency to tilt forward when coming to a stop. You can compensate for this by having your authorized Pride provider make a small adjustment to the pre-programmed deceleration setting in the controller or by moving the seat assembly further to the rear of your power chair.

The Jazzy 1115 mid-wheel drive design provides superior performance and safety. The anti-tip wheels are an integral part of this design because they provide you with stability during deceleration. The anti-tip wheels are preset at the factory to a height of 3/4 in. off the ground; this is the ideal setting for most Jazzy 1115 users. However, you may encounter situations where you may need to adjust the anti-tip wheels. For instance, if you drive your Jazzy on surfaces such as deep pile carpeting, you may notice that the anti-tip wheels have a tendency to drag on the carpet. In this case, you may need to raise the anti-tip wheels. If you drive your Jazzy primarily on smooth surfaces such as linoleum or tile, you may find that you tip forward more than is comfortable for you. (This may be more apparent for lighter users.) In this case, you may need to lower the anti-tip wheels.

NOTE: Before making height adjustments on your anti-tips, consult your Pride provider to make sure that your seat is positioned properly. Moving your seat rearward one (1) inch may be sufficient.

ANTI-TIP WHEEL ADJUSTMENT

You can adjust the anti-tip wheels so that they are higher or lower. Adjusting the anti-tip wheels also affects the stiffness of the suspension. Raising the anti-tip wheel stiffens the suspension while lowering the anti-tip wheels softens the suspension. You will need a 1/2 in. wrench to adjust the anti tip wheels.

To adjust the anti-tips:

1. Locate the spring pre-load adjustment nut. See figure 19.
2. To lower the anti-tip wheels and soften the suspension, turn the spring pre-load adjustment nut counterclockwise. To raise the anti-tip wheels and stiffen the suspension, turn the spring preload adjustment nut clockwise. Make the same adjustment on both anti-tip wheels.



Figure 19. Anti-tip adjustment

VII. DISASSEMBLY

The Jazzy 1115 disassembles into eight easily transportable component assemblies with no tools required. See figure 20.



WARNING! Even though no tools are required to disassemble or assemble the Jazzy 1115, you should take care not to place your hands or fingers on the areas of the component assemblies where they may be pinched, as the assemblies “snap” together or “snap” apart.

WARNING! Some power chair components are heavy. You may need assistance to lift or carry them. Please refer to IV. “The Jazzy 1115” for specific component weights before you disassemble the power chair.

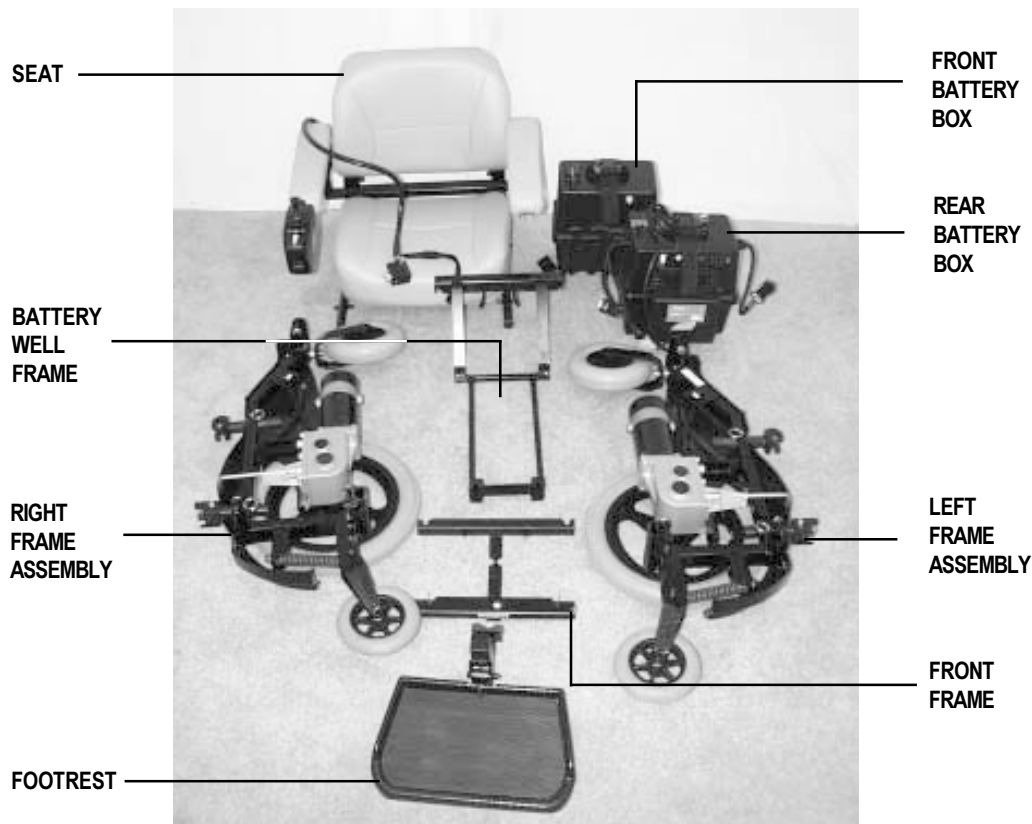


Figure 20. The Jazzy 1115 component assemblies

NOTE: During both the disassembly and the assembly of the Jazzy 1115, you may find it helpful to engage the Jazzy drive motors so that it does not roll while you are disassembling or assembling it.

To disassemble the Jazzy 1115:

Position the Jazzy in a location where there is ample working room on all four sides of the Jazzy. We recommend three or more feet of clearance on all sides. There are eight component assemblies in the chair. Some of them, such as the seat and the side frame assemblies, take up a great deal of room when disassembled from the chair as a whole. Also, make certain that the Jazzy is turned off.

To remove the footrest:

Remove the footrest by sliding the mounting bracket up the vertical bar of the front frame until the tabs on the mounting bracket can be pulled forward through the matching slots in the front frame.

See figure 21.

VII. DISASSEMBLY

To disconnect the joystick controller:

1. At the rear of the Jazzy, disconnect the joystick controller cable connectors from the sockets located at the right and left rear of the rear battery case. You may need to pull firmly and gently wiggle the large connector to remove it from the socket. For the smaller connector, you must squeeze the connector latch release levers to disconnect the connector from the socket. See figure 22.

To remove the seat:

1. Push in the black spring-loaded seat frame latch release buttons (one on the front of each seat frame side tube). See figure 23.
2. While you are pushing both buttons or levers simultaneously, lift up on the front end of the seat frame.
3. Then pull forward on the seat frame to release the locating pins from their slots in the rear seat post tower mounts. You may find it necessary to wiggle the frame gently from side to side to free the locating pins from their slots.

To disconnect the battery cases:

1. Disconnect the rear-to-front battery cable connector from its matching socket located on top of the front battery case. See figure 24.
2. Disconnect the left motor connector from its matching socket located on the left frame assembly. Squeeze the connector latch release levers to make the disconnection. See figure 22.



WARNING! Do not pick up the seat frame by the armrests. They are free to pivot, and you may lose control of the seat if they do so, resulting in personal injury, or damage to the chair.

SLIDE FOOTREST UP AND PULL FORWARD TO REMOVE.



Figure 21. Remove the footrest

DISCONNECT
JOYSTICK
CONTROLLER.

DISCONNECT
MOTOR
HARNESSES
FROM FRAME

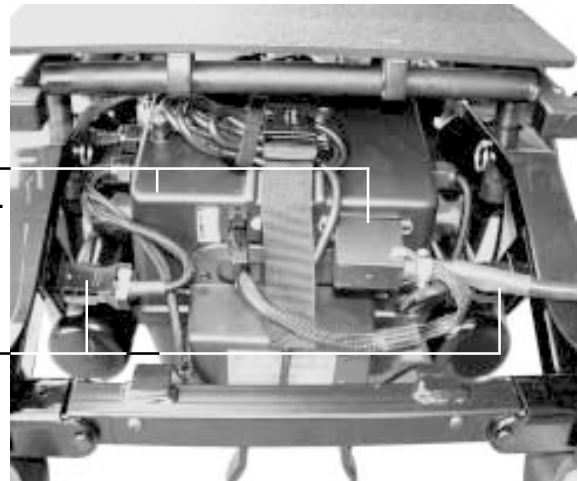


Figure 22. Joystick controllers and motor connectors

PUSH
PLUNGERS
IN TO
RELEASE
SEAT



Figure 23. Remove the seat

VII. DISASSEMBLY

3. Disconnect the right motor connector from its matching socket located on the right frame assembly. Squeeze the connector latch release levers to make the connection. See figure 22.
4. Remove the battery cases (with the batteries in them) from the battery well frame.

To remove the battery well frame:

1. Squeeze together the latch release levers that hang vertically down from the crossbar at the rear of the battery well frame. See figure 25. Lift up the rear end of the battery well frame. Pull it to the rear of the chair to release the front slots from the locating pins on the bottom bar of the front frame.

To disassemble the right frame assembly from the front frame:

1. Stand behind the Jazzy and grasp the right seat post tower (on your left side) with your right hand.
2. Use your left hand and thumb to hold the front frame and press (toward the center of the front frame) the silver-colored latch release lever. See figure 26.
3. Push outward with your right hand against the seat post tower.
4. Pull up with your left hand on the front frame until the latching mechanism releases.
5. Keep pulling upward with your left hand until the locating pin on the bottom of that side of the front frame releases from its slot in the left frame assembly.
6. Carefully let the frame assembly tilt to a resting position.
7. Repeat steps 11—16 to remove the front frame from the left frame assembly. However, now you should place your right hand and thumb on the front frame and latch release lever and your left hand on the seat post tower of the left frame assembly.

DISCONNECT
BATTERY
CASES



Figure 24. Front to rear battery connector

SQUEEZE
LATCH
RELEASE
LEVERS TO
REMOVE
BATTERY
WELL FRAME



Figure 25. Front frame

SQUEEZE THE
SILVER-
COLORED
LEVER ON
FRONT FRAME
TO SEPARATE
FROM SIDE
FRAME
ASSEMBLIES



Figure 26. Front frame

VIII. OPERATION

VSI CONTROLLER

The electronic controller is what you use to operate your power chair. It takes the battery voltage and sends it to the appropriate system. The electronic controller enables you to move the power chair, as well as monitor battery charge, electronic controller functions, and the condition of your electrical system. Also, it may be used to control some optional systems such as power elevating seats and lights.

The VSI controller is an integral electronic controller. All of the electronics necessary to operate the power chair are contained in one module. See figure 27.

The VSI consists of:

1. joystick
2. keypad (see figure 27a)
3. off-board charger/programming socket
4. actuator connector (optional)
5. controller connector
6. 3-pin charger inhibit connector

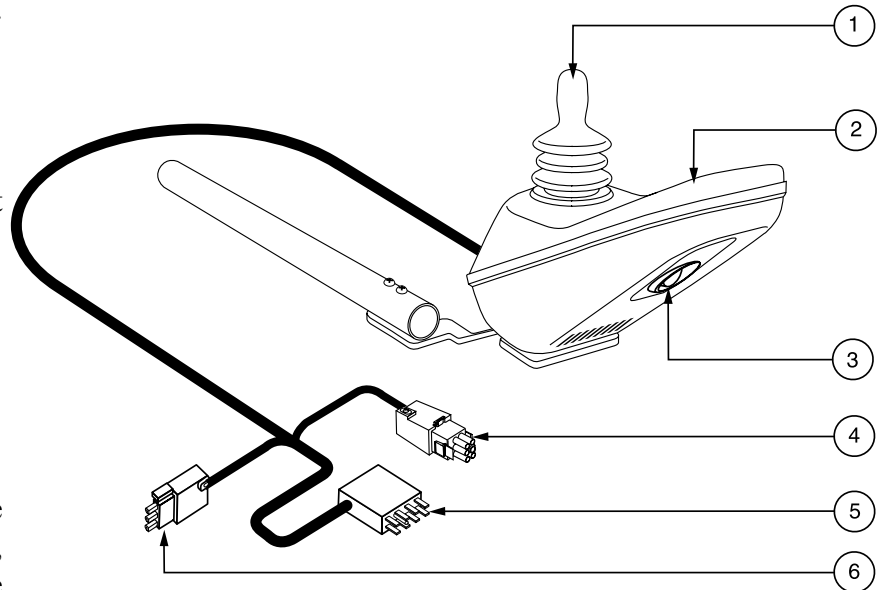


Figure 27. VSI Controller

Typically, the VSI is mounted to one of the armrests and is connected to the motors, batteries, and the onboard charger at the battery box.

Joystick

The joystick controls the direction and speed of your power chair. When you move the joystick from the neutral (center) position, the electromagnetic brakes release and allow your power chair to move. The further you push the joystick from its neutral position, the faster your power chair moves. When you release the joystick and allow it to return to the neutral position, you engage the electromagnetic brakes. This causes your power chair to decelerate and come to a complete stop.



WARNING! If your power chair begins to move in an unexpected manner, immediately release the joystick. Unless the joystick is damaged, this action should stop your power chair.

Keypad

The keypad is located in front of the joystick. It contains keys necessary to operate your Jazzy. See figure 27a.

VIII. OPERATION

On/Off Key

The on/off key turns the VSI on and off.



WARNING! Unless faced with an emergency situation, do not use the on/off key to stop the chair. This will cause the power chair to stop abruptly.

WARNING! Always turn the power off when you are stationary to prevent unexpected movement.

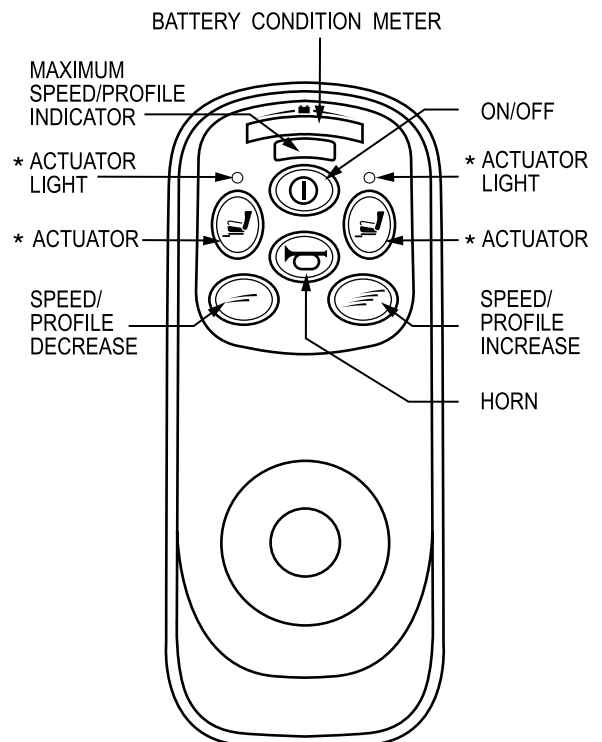
Battery Condition Meter

The battery condition meter is located in front of the joystick. See figure 27a. This is a 10-segment illuminated display that indicates that the VSI is turned on and also gives the battery status, the VSI status, and the electrical system status.

- **Red, yellow, and green lights lit:** Battery charged; VSI and electrical system OK.
- **Red and yellow lights lit:** Charge battery if possible; VSI and electrical system OK.
- **Red lights only lit or slow flash:** Charge battery as soon as possible; VSI and electrical system OK.
- **Rapid flash of lights:** Indicates a fault in the VSI or the electrical system. Refer to “VSI Error Codes.”
- **Ripple up and down of lights:** The joystick was not in the neutral position when the controller was turned on. If you get “ripple up and down of lights”, turn off the controller, allow the joystick to return to the neutral position, then turn on the controller.

NOTE: If you still get “ripple up and down of lights”, contact your authorized Pride provider.

NOTE: When the batteries approach a discharged state, the first red light will begin to slowly flash, reminding you the batteries need to be charged immediately!



*For optional equipment on some models.

Figure 27a. VSI Controller Keypad

Speed/Profile Keys

There are two keys that control either the speed or the profile. See figure 27a. This depends on how your VSI was programmed. Press the speed/profile increase key to increase the speed or change the profile. Press the speed/profile decrease key to decrease the speed or change the profile. The speed/profile setting is displayed on the maximum speed/profile indicator. If your power chair was programmed with a drive profile, contact your authorized Pride provider for more information.

VIII. OPERATION

NOTE: We recommend that the first few times you operate your power chair, you set the speed to the slowest setting until you become familiar with your new power chair.

Actuator Key and Actuator Lights (for optional equipment)

Actuator keys and actuator lights are used for optional equipment such as power elevating seats or power elevating leg rests. For specific operation of the actuator keys and actuator lights, contact your authorized Pride provider.

Horn Key

The horn key activates the horn.

Off-board Charger/Programming Socket

You may use an off-board charger to charge the power chair batteries through the 3-pin socket located on the front of the VSI. See figure 27. If you use an off-board charger, the charger current should not exceed 12 amps. Contact your authorized Pride provider for more information.



CAUTION! Only chargers with Neutrik NC3MX plugs should be connected to the off-board charger/programming socket. See your authorized Pride provider for more information.

NOTE: The socket may also be used for reprogramming the VSI. Contact your authorized Pride provider for more information.

Controller Connector

This connects the VSI to the power chair's batteries, motors, and motor brakes.

3-pin Charger Inhibit Connector

This connects the VSI to the onboard battery charger. This connection provides an inhibit that disables the VSI when the battery charger is on. The charger inhibit connector is coded with colored dots. The dots are positioned so that you align the flat side of the male connector with the flat side of the female connector before making the connection.



CAUTION! Failure to properly align the connectors can result in damage to the controller, the charger, and the connectors.

Thermal Rollback

The VSI controller is equipped with a thermal rollback circuit. The circuit monitors the temperature of the controller, which roughly translates to motor temperature. In the event that the VSI controller becomes excessively hot (above 140° F), motor current (amperage) is reduced. For every degree above 140° F, the motor current limit is reduced by .55 amps until the VSI controller reaches 158° F, at which time the current output is reduced to zero. This reduces your power chair's "power," which could also reduce your power chair's speed, and allows the electrical components and motors to cool down. When the temperature returns to a safe level, your power chair resumes its normal operation.

VIII. OPERATION

Troubleshooting

The VSI controller is designed with the user's safety as the prime consideration. It incorporates many sophisticated self-test features which search for potential problems at a rate of 100 times per second. If the VSI detects a problem either in its own circuits or in the power chair's electrical system, it may stop the power chair, depending on the severity of the problem. The VSI is designed to maximize the user's safety under all normal conditions. The table below identifies the individual error codes. Error codes are displayed as a rapid flashing of the lights. If you get one of these error codes, contact your authorized Pride provider.

VSI Error Codes

FLASHING LIGHTS	DIAGNOSIS AND SOLUTION
1	The battery needs charging or there is a bad connection to the battery. Check the connections to the battery. If the connections are good, try charging the battery.
2	The left motor has a bad connection. Check the left motor connection.
3	The left motor has a short circuit to a battery connection. Contact your authorized Pride provider.
4	The right motor has a bad connection. Check the right motor connection.
5	The right motor has a short circuit to a battery connection. Contact your authorized Pride provider.
6	The power chair is being inhibited by the battery charger. Unplug the battery charger.
7	A joystick fault is indicated. Make sure that the joystick is in the neutral (center) position before turning on the controller.
8	A control system fault is indicated. Make sure that all connections are secure.
9	The parking brakes have a bad connection. Check the parking brake and motor connections. Make sure the controller connections are secure.
10	An excessive voltage has been applied to the controller. This is usually caused by a poor battery connection. Check the battery connections.

IX. BATTERIES AND CHARGING

CHARGING YOUR BATTERIES

The battery charger is one of the most important parts of your Jazzy 1115. The battery charger is designed to optimize your Jazzy 1115's performance by charging the batteries safely, quickly, and easily. The charging system consists of the charger, the charger fuse, and the ammeter. The onboard charger is located on the rear battery case. The ammeter is located on the back battery case. The ammeter fuse is located on the rear battery case. See figure 2. The ammeter indicates the rate of charge necessary to fully recharge the batteries. It is also a good indication of whether or not the charger is working. The ammeter and the charger are only functional when the charger power cord is plugged into a wall outlet.



WARNING! You must recharge your Jazzy 1115's batteries with the supplied onboard or off-board charging system. Do not use an automotive-type battery charger.

WARNING! Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.

WARNING! Never use an extension cord to plug in your battery charger. Plug the charger directly into a properly wired standard wall outlet.

To charge the batteries by using the onboard charger:

1. Position the rear of your Jazzy 1115 close to a standard wall outlet.
2. Be certain that the controller power is turned off and the freewheel levers are in the engaged position. See IV. "The Jazzy 1115" in this manual.
3. Extend the charger power cord and plug it into the wall outlet. The Jazzy 1115 incorporates an inhibit function that disables the power chair when the charger is plugged into a wall outlet.
4. The ammeter indicates how much charge is needed to fully charge the batteries. Wait about a minute for the charger to warm up. The ammeter may move up to as high as 5.5 amps, then gradually move back down to zero amps as it charges.
5. We recommend you charge the batteries for 8 to 14 hours. As the batteries charge, the ammeter needle will slowly drop to zero. When the batteries are fully charged, the needle will vibrate on or about the zero mark on the meter scale.
6. When your Jazzy 1115's batteries are fully charged, unplug the power cord from the wall outlet, wind it up, and store it between the rear battery case and the strap. See figure 2.

OFF-BOARD CHARGER

Your Jazzy may be equipped with an off-board, or external, charger. Typically, external chargers plug into the joystick controller. If your Jazzy is equipped with an external charger, refer to the instructions that come with the charger.

Battery Break-in

To break in your JAZZY's new batteries for maximum efficiency:

1. Fully recharge any new battery prior to initial use. This will bring the battery up to about 90% of its peak performance level.

IX. BATTERIES AND CHARGING

2. Run your Jazzy 1115 about the house and yard. Move slowly at first, and do not stray too far until you become accustomed to the controls and break in the batteries.
3. Give the batteries another full charge of 8 to 14 hours and run the Jazzy 1115 again. The batteries should now perform at over 90% of their potential.
4. After four or five charging cycles, the batteries will top off at 100% charge and last for an extended period.

BATTERIES AND CHARGING—FREQUENTLY ASKED QUESTIONS (FAQS)

How does the charger work?

The battery charger takes the standard wall outlet voltage of 120VAC (alternating current) and converts it to 28VDC (direct current). When the battery voltage is low, the charger works harder to charge the batteries. This is why the charging ammeter initially reads 5.5 or more amps. As the battery voltage approaches a full charge, the charger doesn't work as hard to complete the charging cycle. This explains why the amperage on the charging ammeter drops as the batteries approach a full charge. When the batteries are fully charged, the amperage from the charger is nearly zero. This is how the charger maintains a charge but does not overcharge the battery. Your Jazzy 1115's charger not be able to charge your batteries after the batteries have been discharged to nearly zero voltage. If this happens, call your local authorized provider for assistance.

Can I use a different battery charger?

You should use the charger supplied with the Jazzy 1115. It is the safest, most-efficient tool to charge the batteries. We do not recommend using other types of chargers (e.g., an automotive battery charger).

How often must I charge the batteries?

Many factors come into play when deciding how often to charge the batteries. You may use your Jazzy 1115 all day on a daily basis, or you may not use it for weeks at a time.

■ Daily Use

If you use your Jazzy 1115 on a daily basis, charge the batteries as soon as you are finished using it for the day. Then, your Jazzy 1115 will be ready each morning to give you a full day's service. We recommend that you charge the batteries 8 to 14 hours after daily use. Do not charge the batteries for more than 24 hours.

■ Infrequent Use

If you use your Jazzy 1115 infrequently (once a week or less), you should charge it at least once per week for 12 to 14 hours.

NOTE: Keep the batteries fully charged and avoid deeply discharging the batteries. Do not charge the batteries for more than 24 hours.

How can I get maximum range or distance per charge?

- Rarely do you have an ideal driving situation, such as smooth, flat, hard terrain with no hills or curves. More often you are presented with hills, sidewalk cracks, uneven and loosely packed surfaces, and curves. All of these factors affect the distance or running time per battery charge. The following are a few suggestions for obtaining the maximum range per charge:
- Always charge the batteries fully prior to your trip.

IX. BATTERIES AND CHARGING

- Maintain **30-35 psi** in pneumatic drive tires.
- Plan your trip in advance to avoid inclines if possible.
- Limit the baggage weight to essential items.

What type of battery should I use?

We recommend deep-cycle batteries that are sealed and maintenance free. Both AGM and Gel Cell are deep-cycle batteries and are similar in performance.

Use these specifications to reorder deep-cycle batteries.

BATTERY SPECIFICATIONS	
Type:	Deep-Cycle AGM or Gel Cell
Size:	NF-22
Voltage:	12V each
Amp Hours:	55 amp hours



WARNING! Corrosive chemicals contained in batteries. Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.

Why do my new batteries seem weak?

Deep-cycle batteries employ a different chemical technology than that used in car batteries, nickel-cadmium (nicads), or in other common battery types. Deep-cycle batteries are specifically designed to provide power, drain down their charge, and then accept a relatively quick recharge. Lead acid batteries should be charged as often as possible. They do not have a “memory” like nickel cadmium batteries.

We work closely with our battery manufacturer to provide a battery that best suits the Jazzy 1115’s specific demands. Fresh batteries arrive regularly and are promptly shipped with a full charge. During shipping, the batteries encounter temperature extremes that may influence their initial performance. Heat robs the charge from the battery, and cold slows the power available and extends the time needed to recharge the battery (just as with a car battery).

It might take a few days for the temperature of the battery to stabilize and adjust to its new ambient temperature. More importantly, it takes a few “charging cycles” (a partial drain, then a full recharge) to establish the critical chemical balance that is essential to the battery’s peak performance and long life. It is well worth it for you to take the time to break in the batteries properly.

REMEMBER: The useful life of a battery is quite often a reflection of the care it receives.

How can I ensure maximum battery life?

A fully charged deep-cycle battery provides reliable performance and extended battery life. Keep your JAZZY’s batteries fully charged whenever possible. Batteries that are regularly and deeply discharged, infrequently charged, or stored without a full charge may be permanently damaged, causing unreliable Jazzy operation and limited battery life.

IX. BATTERIES AND CHARGING

How should I store my Jazzy 1115 and batteries?

If you do not use your Jazzy 1115 regularly, we recommend maintaining battery vitality by charging the batteries at least once a week.

If you do not plan on using your Jazzy 1115 for an extended period, fully charge the batteries prior to storage. Disconnect the battery harnesses and store the Jazzy in a warm, dry environment. Avoid temperature extremes, such as freezing conditions and excessively hot conditions, and never attempt to charge a frozen battery. A cold or frozen battery should be warmed for several days prior to recharging.

NOTE: If you are storing a Jazzy 1115 for an extended period of time, you may wish to block the unit up off the ground with several boards under the frame. This keeps the tires off the ground and prevent the possibility of flat spots developing.

What about public transportation?

Sealed Lead Acid and Gel Cell batteries are designed for application in power chairs and other mobility vehicles. These batteries are Federal Aviation Administration (FAA) approved, allowing safe transportation on aircraft, buses, and trains, as there is no danger of spillage or leakage. We suggest you contact the ticket counter in advance to determine the carrier's specific requirements.

What about shipping?

If you wish to use a freight company to ship the Jazzy 1115 to your final destination, repack the Jazzy 1115 in the original shipping container and ship its batteries in separate boxes.

X. CARE AND MAINTENANCE

Your Jazzy is a sophisticated power chair. Like any motorized vehicle, it requires routine maintenance checks. You can perform some of these checks, but others require assistance from an authorized Jazzy provider. Preventive maintenance is very important. If you follow the maintenance checks in this section as scheduled, you can help ensure that your Jazzy gives you years of trouble-free operation. If you have any doubt as to your JAZZY's care or operation, contact your Pride provider.



CAUTION! Your Jazzy 1115, like most electrical equipment, is susceptible to damage from the elements. Avoid damp areas of any kind. Direct exposure to water or dampness could cause the power chair to malfunction electronically and mechanically. Water can cause electrical components to corrode and the chair's frame to rust.

Should your Jazzy 1115 come in contact with water:

1. Dry your Jazzy 1115 as much as possible with a dry towel.
2. Allow your Jazzy 1115 to sit in a warm, dry place for 24 hours to allow unseen water to evaporate.
3. Check the joystick operation and the brakes before using your Jazzy again.
4. If any inconsistencies are found, take your Jazzy 1115 to an authorized service center.

TEMPERATURE

Some of the parts of your Jazzy 1115 are susceptible to extreme changes in temperature. Always keep your Jazzy 1115 between the temperatures of 32° F and 122° F.

In extremely cold temperatures, the batteries may freeze. The specific temperature at which they freeze depends on a number of factors, such as battery charge, usage, and composition of the batteries (e.g., Sealed Lead Acid or Gel Cell).

Temperatures above 122° F may cause the Jazzy 1115 to operate at a reduced speed. This is a safety feature built into the controller that helps prevent damage to the motor and other electrical components. See VIII. "Operation" in this manual.

GENERAL GUIDELINES

- Avoid knocking or bumping your controller, especially the joystick.
- Avoid prolonged exposure of your Jazzy to extreme conditions, such as heat, cold or moisture.
- Keep the controller clean.
- Check all connections on the electronics connector housing to ensure that they are all tight and secured properly. Also, check the charger harness connector.
- When the battery indicator gauge is completely lit, the batteries are fully charged, and the controller and electrical system are OK.
- If one red bar on the battery indicator gauge is blinking slowly, the batteries are low and need to be charged, but the controller and electrical system are OK.
- If the battery indicator gauge is blinking rapidly, the controller has detected a fault in either its own circuits or in the Jazzy's circuits. See VIII. "Operation" in this manual.

X. CARE AND MAINTENANCE

- Make sure the drive tires are inflated to **30 - 35 psi**.



WARNING! Overinflating tires can cause them to explode and can result in personal injury.

WARNING! Do not use a high pressure hose to inflate your tires.

- Use a rubber conditioner on the tire sidewalls to help preserve them. Check the tires for wear.



WARNING! Never use a rubber conditioner on the tread area of the tires; doing so may make the tires slippery and cause your Jazzy to skid.

- The body shroud has been sprayed with a clear sealant coating. You can apply a light coat of car wax to help it retain its high-gloss appearance.
- Check all electrical connections. Make sure they are tight and are not corroded. Batteries must sit flat within the battery area, with the battery terminals facing inward toward each other. Refer to the frame decal for the correct wiring layout.
- All wheel bearings are pre-lubricated and sealed. They require no subsequent lubrication.

DAILY CHECKS

- With the controller turned off, check the joystick. Make sure it is not bent or damaged and that it returns to center when you release it. Check the rubber boot around the base of the joystick for damage. Visually inspect the boot only. Do not handle or try to repair it. See your authorized service center if there is a problem.
- Visually inspect the controller harnesses. Make sure that they are not frayed, cut or have any wires exposed. See your authorized service provider if there is a problem with any of these harnesses.

WEEKLY CHECKS

- Disconnect and inspect the controller and charger harnesses from the electronics connector housing. Look for corrosion. Contact your local Pride provider if necessary.
- Ensure that all parts of the controller system are securely fastened to your Jazzy. Do not overtighten any screws.
- Check for proper tire inflation, there should be **30 - 35 psi** in each tire. If a tire will not hold air, replace the tube.
- Calibrate the joystick if a noticeable difference in performance is detected or if the joystick does not operate properly.
- Check the brakes. This test should be carried out on a level surface with at least three feet of clearance around your Jazzy.

TO CHECK THE BRAKES:

1. Turn on the controller and turn down the speed and response adjustment knob.
2. After one second, check the battery gauge. Make sure that it remains on.
3. Slowly push the joystick forward until you hear the electric brakes click.

NOTE: The Jazzy may move when performing this test. Immediately release the joystick. You must be able to hear each electrical brake operating within a few seconds of joystick movement.

X. CARE AND MAINTENANCE

MONTHLY CHECKS

- Check that the anti-tip wheels do not rub the ground when you are operating the Jazzy; adjust them as necessary. See VI. “Comfort Adjustments” in this manual.
- Check for extreme wear on the anti-tip wheels. Replace them as necessary.
- Check for drive tire wear. See an authorized service provider for repair.
- Check the rear castors for wear. Replace as necessary.
- Check the rear forks for damage or fluttering which indicates that they may need to be adjusted or the bearings may need to be replaced. See an authorized Pride provider for repair.
- Keep your Jazzy clean and free of foreign material, such as hair, food, drink, etc.

YEARLY CHECKS

Take your Jazzy to an authorized service provider for yearly maintenance. This helps to ensure that your Jazzy is functioning properly and help prevent future complications.

STORAGE

Your power chair should be stored in a dry place, free from temperature extremes. When storing, disconnect the batteries from the Jazzy. See IX. “Batteries and Charging” in this manual. If you fail to store the unit under the above conditions, the frame can rust and the electronics can be damaged.



WARNING! If you fail to store the unit properly, the frame can rust and the electronics can be damaged.

CLEANING INSTRUCTIONS



CAUTION! Never hose off your Jazzy or place it in direct contact with water. Your Jazzy has a painted, ABS plastic body shroud that allows it to be easily wiped clean with a damp cloth.

CAUTION! Never use any chemicals to clean a vinyl seat, as they may cause the seat to become slippery or dry out and crack. Use soapy water and dry the seat thoroughly.

TIRES AND TUBES

If your Jazzy 1115 is equipped with pneumatic tires, you should check the air pressure at least once a week. This prolongs the life of your tires, as helps to ensure the perfect operation of your chair. If you should have a flat tire, you should replace the tube. Replacement tires and tubes are readily available at the dealership where you purchased your Jazzy 1115.



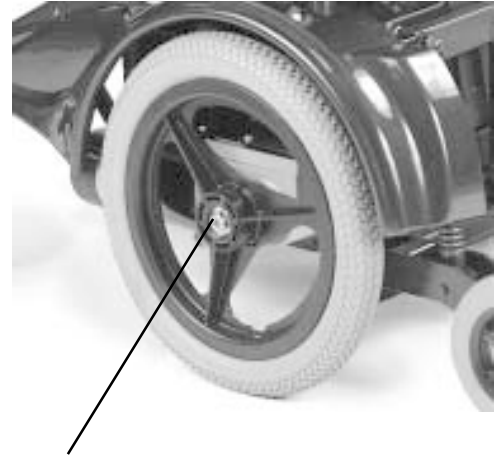
WARNING! To avoid possible injury, be sure that the controller's power is turned off and the power chair is not in freewheel mode before performing this procedure.

WARNING! Completely deflate the tire before attempting repair.

X. CARE AND MAINTENANCE

Follow these easy steps for a quick and safe tube or tire replacement:

1. Completely deflate the tire (if pneumatic).
2. Use a 17 mm. socket wrench and driver to remove the nut from wheel axle. See figure 28.
3. Pull the wheel off of the axle.
4. Separate the tire and tube from the rim.
5. Remove the old tube and/or tire and replace with new tube or tire.
6. Slide the wheel back onto the shaft and torque the nut to 16 ft.-lbs.
7. Inflate the tire to 30 - 35 psi (if pneumatic).



REMOVE THIS NUT TO REMOVE TIRE

Figure 28. Drive wheel

BATTERY REPLACEMENT



WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wear goggles and gloves when handling batteries and wash hands after handling.

WARNING! Power chair batteries are heavy. See specifications table. If you are unable to lift that much weight, be sure to get help. Lifting beyond your capacity can result in personal injury.

To replace the batteries:

1. Disconnect the controller cable and remove the seat. See VII. "Disassembly."
2. Disconnect the front battery box from the rear battery box.
3. Lift out the front battery box and set it on a solid, flat surface.
4. Unfasten the battery box straps. See figure 29.
5. Lift off the top cover. See figure 30.
6. Unscrew the terminal nuts and bolts and disconnect the battery wires from the battery terminals.
7. Remove the battery from the bottom cover.
8. Place the new battery into the bottom cover.
9. Connect the red battery wire to the POS terminal. Make sure you tighten the nuts and bolts so that the connection is secure.
10. Connect the black battery wire to the NEG terminal. Make sure you tighten the nuts and bolts so that the connection is secure. See figure 31.
11. Place the top cover back onto the bottom cover.
12. Fasten the straps and make sure the connection is secure. Place the battery box aside.



Figure 29. Battery box



WARNING! Make sure you tighten the fasteners so that the connections are secure.

X. CARE AND MAINTENANCE

13. For the rear battery, disconnect the motor harnesses from the frame connector.
14. Repeat steps 3 - 10.
15. Place the top cover back onto the bottom cover.
Make sure that the battery terminals are opposite the battery charger.



WARNING! If you do not position the battery terminals on the opposite side of the charger, you run the risk of shorting out the batteries and severely damaging your Jazzy!

16. Fasten the straps and make sure the connection is secure.
17. Place the rear battery box back into the Jazzy battery well.
18. Place the front battery box back into the Jazzy battery well.
19. Connect the motor cables to the terminals on the frame.
20. Connect the rear battery box cable to the front battery box connector.
21. Install the seat.
22. Connect the controller cable.

MOTOR BRUSHES



CAUTION! If an inspection determines excessive wear on the brushes, they must be replaced or motor damage will result. Failure to maintain the brushes could void the warranty.

The electric motors that power your Jazzy 1115 use carbon brushes. These brushes may become susceptible to wear over a long period of time. The motor brushes are the two contacts located inside the motor assembly that supply power to the motor. They are designed to provide several thousand hours of operation. But if the brushes become dirty with carbon deposits or wear out, a motor will run poorly or not at all.



Figure 30. Opened battery box



Figure 31. Battery connections

X. CARE AND MAINTENANCE

To inspect or replace the motor brushes:

1. Remove the seat and body shroud. See VII. "Disassembly" in this manual.
2. Unscrew the motor brush caps. See figure 32.
3. Remove the brushes.
4. Inspect for wear. See figure 33.
5. Replace the brushes, if necessary. Contact your local authorized Pride provider for replacement brushes.

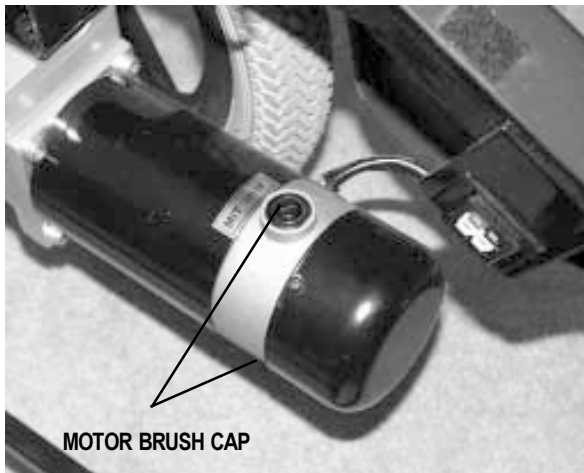


Figure 32. Motor brush caps

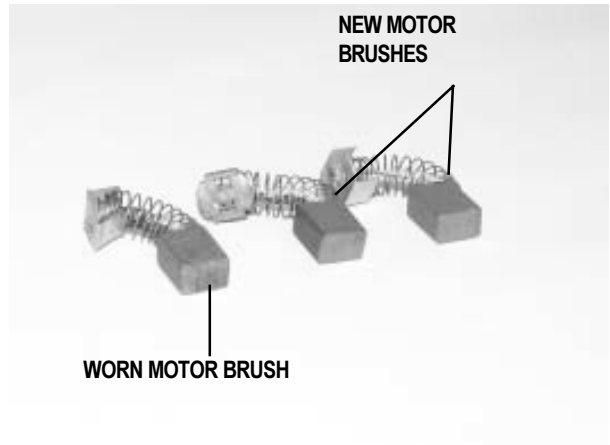


Figure 33. Motor brushes

CORRECTIVE MAINTENANCE

If the battery indicator gauge does not light up when you turn on the power:

- Check the harness connections. Make sure they are tight.
- Check the circuit breaker. Reset it if necessary.
- Check the battery connections.

If the above conditions prove normal, you can load test the batteries with a battery load tester. These testers are available at automotive parts stores. Disconnect both batteries before load testing, and follow the directions that came with the load tester. If either one of the batteries fails the load test, replace both of them. If your Jazzy 1115 still does not power up, contact your authorized Pride provider.

WHEN TO SEE YOUR PRIDE PROVIDER FOR SERVICE:

The following symptoms could indicate a serious problem with your Jazzy 1115. If necessary, contact an authorized Pride provider. When calling, have the model number, serial number, nature of the problem, and the trouble code if available.

- Motor noise
- Frayed harnesses
- Cracked or broken connectors
- Uneven wear on any of the tires
- Jerky motion
- Pulling to one side
- Bent or broken wheel assemblies
- Does not power up
- Powers up, but does not move

XI. OPTIONAL ACCESSORIES

The following accessories are available from your local Pride provider.

Positioning Belt (figure 34)



WARNING! The positioning belt is not designed for use as a seat belt in a motor vehicle. Nor is your Jazzy 1115 suitable for use as a seat in any vehicle. Anyone travelling in a vehicle should be properly belted into seats approved by the vehicle manufacturer.



Figure 34. Positioning belt

The positioning belt is designed to support the operator's torso so that he or she does not slide down or forward in the seat. The positioning belt is not designed for use as a restraining device. Make sure the belt is secure but does not cause discomfort.

Oxygen Tank Holder (figure 35)

The removable oxygen tank holder is mounted to the back of the seat by means of the accessory bracket.



Figure 35. Oxygen tank holder

Walker Holder (figure 36)

The removable walker holder is mounted to the back of the seat by means of the accessory bracket. It can hold a standard size walker.

Cane and Crutch Holder (figure 37)

The removable cane and crutch holder is mounted to the back of the seat by means of the accessory bracket.

Rear Basket (figure 38)

The rear basket is mounted to the accessory bracket. It has a handle that you can use when you remove the basket from the Jazzy 1115.

Cup Holder (figure 39)

The cup holder is mounted to the armrest.

Swing-Away Joystick Bracket

This option enables you to move the joystick from the front of the armrest to the side of the armrest without disconnecting it.

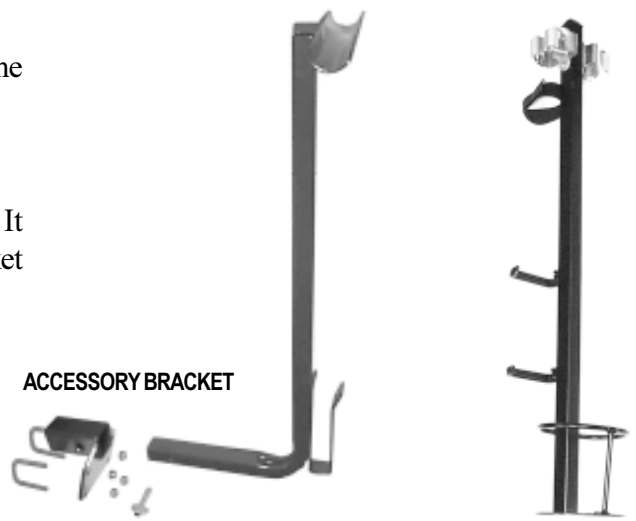


Figure 36. Walker holder

Figure 37. Cane and crutch holder

XI. OPTIONAL ACCESSORIES



Figure 38. Rear basket



Figure 39. Cup holder



Figure 40. Front shroud



Figure 41. Rear shroud

Elevating Leg Rests

Elevating Leg Rests (ELRs) allow you to raise each leg manually to aid in circulation. The ELRs are length-adjustable to accommodate different size legs.

Swing-Away Foot Rests

Swing-away Foot Rests provide the Jazzy 1115 with the ability to swing each footrest to the side for an easier transfer.

Specialty Seating Systems

Your Jazzy 1115 may be equipped with specialty seating or the Versa Seat. Please refer to the instructions that come with the seat.

Shroud Option (figures 40 and 41)

There is a front and rear shroud option for the Jazzy 1105 and the Jazzy 1115 power chairs. This ABS plastic shroud is available in matching Evergreen and Arctic Blue. It attaches quickly, easily, and securely with no fasteners.

XII. WARRANTY

LIFETIME LIMITED WARRANTY

For the lifetime of your Jazzy 1115 from date of purchase, Pride will repair or replace at our option to the original purchaser free of charge, any of the following parts found upon examination by an authorized representative of Pride to be defective in material and/or workmanship:

- Structural frame components

TWO-YEAR WARRANTY

For two (2) years from the date of purchase, Pride will repair or replace at our option to the original purchaser free of charge, any of the following parts found upon examination by an authorized representative of Pride to be defective in material and/or workmanship:

- Electronics

EIGHTEEN-MONTH WARRANTY

For eighteen (18) months from the date of purchase, Pride will repair or replace at our option to the original purchaser free of charge, any of the following parts found upon examination by an authorized representative of Pride to be defective in material and/or workmanship:

MOTOR/GEARBOX ASSEMBLY

Warranty Exceptions:

Motor: If damage occurs to the commutator of a motor as a result of not replacing the motor brushes after heavy wear to the brushes. Motor brushes are wear items and are not warranted.

Brake: One year warranty for the electrical function of the brake. Brake pads are a wear item and are not warranted.

SIX-MONTH LIMITED WARRANTY

For six (6) months from date of purchase, Pride will repair or replace at our option to the original purchaser free of charge, any of the following parts found upon examination by an authorized representative of Pride be defective in material and/or workmanship:

- Plastic components, except body
- Rubber components (except tires and tubes)
- Bearings and bushings
- Casters and anti-tip wheels

XII. WARRANTY

Battery warranty is covered by the battery manufacturer. Battery warranty is not covered by Pride.

Warranty service can be performed by an authorized provider or by Pride. Do not return faulty parts to Pride without prior consent. All transportation costs and shipping damage incurred while submitting parts for repair or replacement are the responsibility of the original purchaser.

Warranty Exclusions:

- ABS plastic body shrouds and footrest covers are wear items and are not warranted
- Batteries (battery manufacturer provides a six-month limited warranty)
- Tires and tubes
- Upholstery and seating
- Repairs and/or modifications made to any part without specific prior written consent from Pride
- Circumstances beyond the control of Pride
- Labor, service calls, shipping, and other charges incurred for repair of the product, unless specifically authorized by Pride

Damage caused by:

- Battery fluid spillage or leakage
- Abuse, misuse, accident, or negligence
- Improper operation, maintenance, or storage
- Commercial use or use other than normal

There is no other express warranty.

Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one year from the date of purchase and to the extent permitted by law. Any and all implied warranties are excluded. This is the exclusive remedy. Liabilities for consequential damages under any and all warranties are excluded.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific rights, and you may also have other rights which vary from state to state.

Please fill out and return the warranty card to Pride. This assists Pride in providing the best possible technical and customer service.

Jazzy Power Chairs®

How a Power Chair Should Feel™



Quality Control- Model 1115

Thank you for making the Pride Jazzy your choice in power chairs.

We have thoroughly inspected your Jazzy. The following checkmarks indicate that it has been test driven and inspected.

Model # _____

Serial # _____

Controller _____

Controller Serial # _____

Inclusion of all Parts

Fit and Finish

Performance

Pride keeps a more detailed report on file at the factory.

Date Inspected

Inspector