

## Adjustable Front Anti-Tips

Manual, height adjustable anti-tips are now standard on all Jazzy models equipped with Active Trac Suspension. For those clients who routinely traverse very rough or uneven terrain, this design enhancement allows their Jazzy's front anti-tips to be raised to more smoothly negotiate the extreme surface transitions. For those clients who require maximum stability, their Jazzy's front anti-tips can be lowered as close to the ground as their environment allows. Consider the following points with regard to the Jazzy's manual, height adjustable anti-tips:

- The adjustable front anti-tips allow the client, provider and/or therapist to customize the performance of the Jazzy to the client's individual needs.
- The design allows for a range of adjustment of our patented, resilient front anti-tip wheels from the floor to 2" off the ground.
- Lowering of the front anti-tips provides maximum stability while continuing to offer strong obstacle climbing capability.
- Raising of the front anti-tips, on those Jazzys operated by more active, adventurous clients, increases the climbing and obstacle negotiating capability.



Front anti-tip wheel shown in lowered, normal and raised positions

**Pride**<sup>®</sup>  
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## Optimizing the Performance of the Jazzy<sup>®</sup> Power Chair



**JAZZY**<sup>®</sup>  
Power Chairs

# Optimizing the Performance of the Jazzy® Power Chair

The Jazzy Power Chair is designed to provide superior rider control, balance, maneuverability & comfort. Incorporating patented mid-wheel drive design, sophisticated programmable electronics, and interchangeable seating systems, the Jazzy is designed to accommodate all your clients' needs. To maximize the benefits of all of these features, it is important that the following considerations are taken into account when ordering, fitting & providing a Jazzy Power Chair.

## Choosing the Proper Jazzy Model

Pride Mobility Products offers many Jazzy Power Chair models to serve various needs. The Jazzy Power Chair lineup offers true "end to end" power chair solutions. It is important when evaluating a client's power chair mobility needs, the following be considered with regard to the client:

- Physical Abilities
- Size & Weight
- Environmental Issues
- Lifestyle (Will the client's Jazzy be used primarily indoors or outdoors?)

## Important Issues Regarding Jazzy Power Chair Base Performance and Stability

A common misconception of mid-wheel drive Power Chairs is that any "pitching forward" should be considered acceptable. Some mid-wheel drive Power Chair designs have, what their designers consider to be, acceptable levels of instability in pitching forward (i.e.: Teeter-Totter Effect). Pride Mobility Products has gone to great lengths in its design process to virtually eliminate this effect. By taking into account the proper model, seating sizes, seat adjustments, seating angles and programmability, one can eliminate any pitching forward perception or effect.

**Note: It is not normal for your Jazzy Power Chair to pitch forward. If your client experiences this effect during normal operation, you need to check and ensure the following:**

1. Proper adjustment to the center of gravity—seat position in relation to the power base.
2. Use of proper seat depth.
3. Correct programming of the electronics to best match the environmental conditions and the client's abilities.

## Seating

An important consideration when fitting & ordering a Jazzy Power Chair is deciding what seating is best suited to your client's needs. The Jazzy has a full array of interchangeable seating systems to meet a client's short and long term needs. Providing the proper seating & positioning will maximize the Jazzy's mid-wheel drive performance while improper seating can diminish the Jazzy's unique performance characteristics.

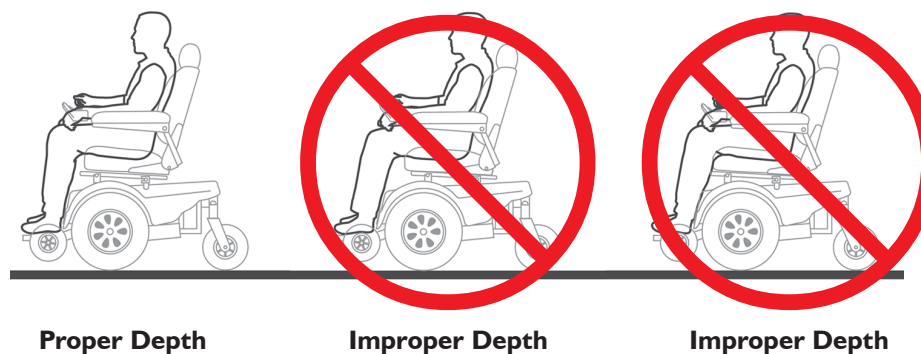
Items to be considered, with regard to the client, when choosing a seating system for the Jazzy Power Chair:

- Positioning Needs (seat height & seat angle)
- Weight (hip measurement determines seat width)
- Height (determines seat depth and back seat height)
- Pressure Management Needs

## Seat Depth

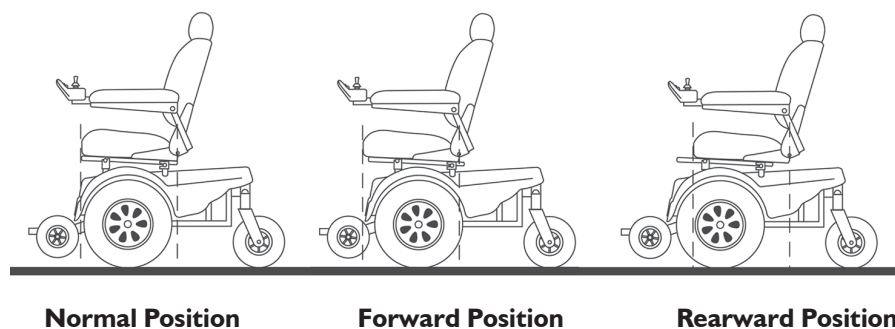
Using proper seat depth will help to better distribute weight on the Jazzy Power Chair base. Ultimately, one should achieve a balance of 82% of the rider's weight over the drive wheels.

*Rule of Thumb: Femur length should not exceed 2"-3" overhang on seat base.*



## Center of Gravity Adjustment

All Jazzy models are capable of adjustment to the seating system in relation to the power base. If forward pitching occurs, it is important to adjust the seating system back on the power base. This changes the center of gravity and will help to eliminate a pitching forward effect.



## Seat Angle

All Jazzy seating systems, attached via four tower posts, offer adjustable seat angles through the manipulation of the height of the front and rear towers. This provides proper seat angle to assist the user to sit farther back in the seat for proper center of gravity over the power base, as well as proper seat position.

## Programmability

All Jazzy Power Chairs offer fully programmable electronics. By adjusting the parameters of these electronics, one can improve the chair's overall performance and safety. For example, if, after providing the proper seating and adjusting the seat for correct centering on the Jazzy power base, one is still experiencing a forward pitching, this effect can be eliminated by adjusting the deceleration (or braking) to a lower level. This will slightly increase the stopping distance, but will offset the inertia of the client's forward motion.

All Jazzy Power Chairs are sent out with pre-programmed factory settings. These settings, however, may and should be adjusted depending on the client's abilities and the environmental surroundings in which the Jazzy will be operated. This will ensure the client's safety and the optimal performance of the Jazzy Power Chair. The following guide has been established to assist you in the programming process.

**Forward Speed:** Allows you to adjust the top speed of the Jazzy. The speed is set at 100% at the factory.

Factory Setting:       Setting Changed to:

**Forward Acceleration:** Allows you to adjust how quickly the Jazzy will achieve maximum forward speed when the joystick is pushed forward.

Factory Setting:       Setting Changed to:

**Forward Deceleration:** Allows you to adjust how quickly the Jazzy will stop its forward motion when the joystick is released.

Factory Setting:       Setting Changed to:

**Reverse Speed:** Allows you to adjust the maximum reverse speed of the Jazzy. If forward speed is set at 100%, the reverse speed will be 60%.

Factory Setting:       Setting Changed to:

**Maximum Turn Speed:** Allows you to adjust the maximum turning speed of the Jazzy.

Factory Setting:       Setting Changed to:

**Turn Acceleration:** Allows you to adjust how quickly the Jazzy will achieve maximum turning speed when the joystick is pushed to the left or right.

Factory Setting:       Setting Changed to:

**Turn Deceleration:** Allows you to adjust how quickly the Jazzy will stop when the joystick is released from a left or right position.

Factory Setting:       Setting Changed to: