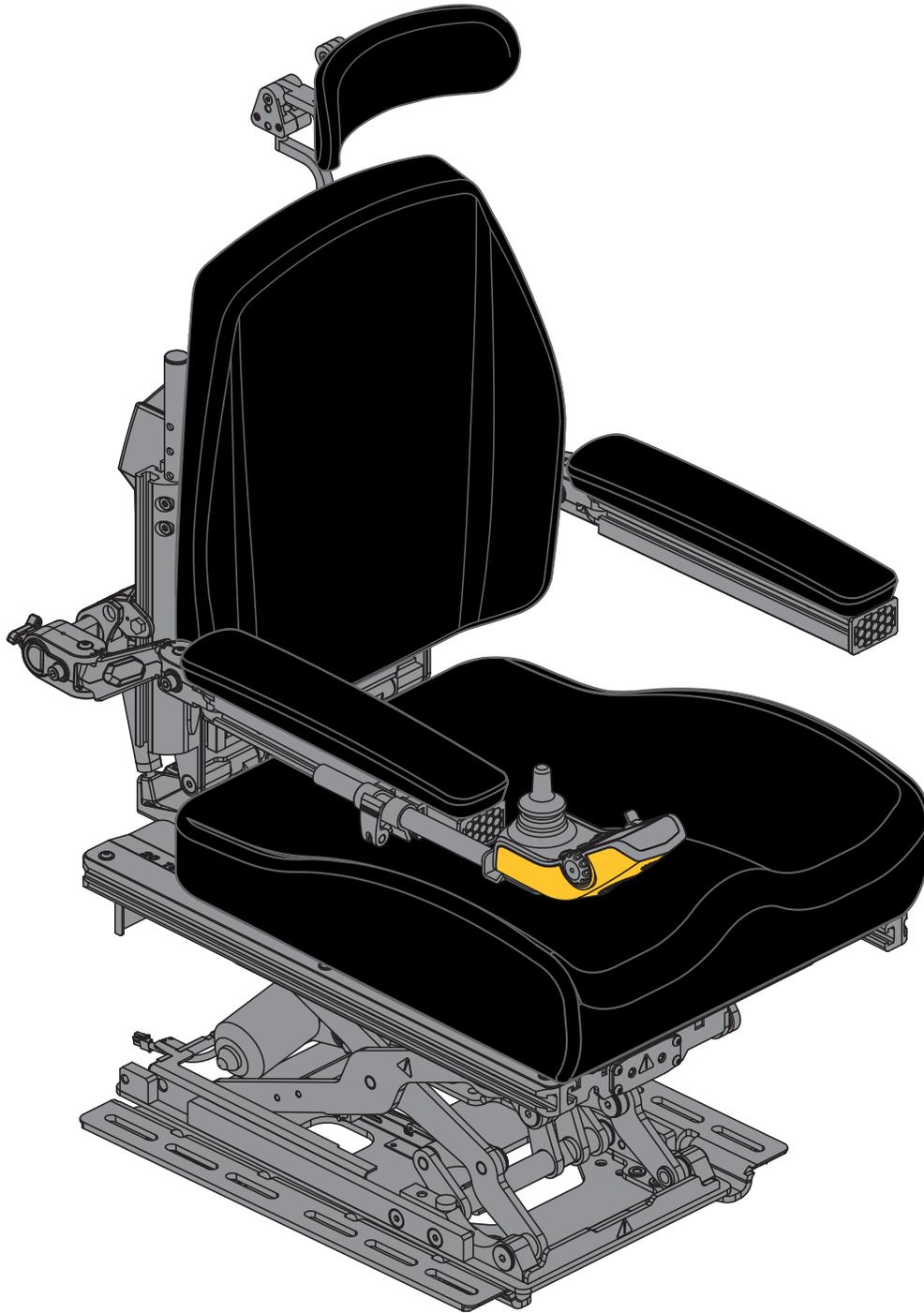




Basic Operation Instructions



TRUBALANCE³

Safety Guidelines



WARNING! A Quantum Rehab Provider or a qualified technician must perform the initial setup of this product and must perform all of the instructions in this manual.

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



WARNING! Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage, or malfunction. On the product, this icon is represented as a black symbol on a yellow triangle with a black border.



MANDATORY! These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol on a blue dot with a white border.



PROHIBITED! These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a black symbol with a red circle and a red slash.

NOTE: *These instructions are 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. The latest/current version of this manual is available on our website.*

NOTE: *This product is compliant with WEEE, RoHS, and REACH directives and requirements.*

NOTE: *This product meets IPX4 classification (IEC 60529).*

NOTE: *The TRU-Balance® 3 Power Positioning System and its components are not made with natural rubber latex. Consult with the manufacturer regarding any after-market accessories.*



Label Information	4
The TRU-Balance® 3 Power Positioning System	5
Precautionary Guidelines	5
Operating the TRU-Balance® 3 Power Positioning System	7
Range of Motion	7
iLevel® Feature	9
Flip-forward Back.....	11
Optional Toggle Operation	12
Armrest Options	13
Transfers	18
Controller Position	18
Manual Recline Option	20
TRU-Comfort 2	20
Installation and Use	21
Cleaning	21
Lateral Adjustment.....	22
Headrest Adjustment	22
Storage	23
Care and Maintenance	23
Warranty	23

Product Safety Symbols

The symbols below are used on the seating system to identify warnings, mandatory actions, and prohibited actions. It is very important for you to read and understand them completely.



Read and follow the information in the owner's manual.



Avoid exposure to rain, snow, ice, salt, or standing water whenever possible. Maintain and store in a clean and dry condition.



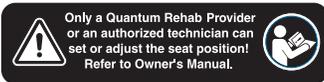
EMI/RFI—This product has been tested and passed at an immunity level of 20 V/m.



Maximum seating weight.



Pinch/Crush points exist.



Consult your Quantum Rehab Provider before making any changes to your seating system configuration.



Do not expose to heat sources such as open flame or sparks.



No smoking.



Cover only—Maximum washing temperature 60°C (140°F).



Do not tumble dry.



Do not iron.



Do not bleach.

The TRU-Balance® 3 Power Positioning System

The TRU-Balance® 3 Power Positioning System is a unique seating system designed specifically for the Quantum Power Chair. It is fully adjustable to meet the individual needs of the user, and it is mounted to a Quantum power base to provide maximum maneuverability.

Reusable hook and loop fasteners are included in your owner's package for use in attaching the seat cushion to the seat base. These fasteners are not intended for use on cushions with anti-skid material, as they may damage the seat cushion.

Figure 1 provides information on the TRU-Balance® 3 Power Positioning System components shown with a standard back. The components of the TRU-Comfort 2 back are described in "TRU-Comfort 2 Components" (**figure 23**). Use these diagrams to familiarize yourself with the function and location of each component before using the TRU-Balance® 3 Power Positioning System.

NOTE: *This manual will discuss toggle operations only. Refer to the manual that was supplied with your controller for information on joystick and attendant control operation. If your TRU-Balance® 3 Power Positioning System is equipped with a different operating device, refer to the operation manual supplied with that device and/or your power chair owner's manual.*

Precautionary Guidelines

Before operating the TRU-Balance® 3 Power Positioning System, please read the following. These guidelines are provided for your benefit and will aid you in the safe operation of the seating system.

- Turn off the power before you are seated in the TRU-Balance® 3 Power Positioning System.
- Always have assistance when you are being seated in the TRU-Balance® 3 Power Positioning System.
- Follow all of the procedures and heed the warnings as explained in your power chair owner's manual and Consumer Safety Guide.

WARNING! The center of gravity of your seating system was factory set to a position that meets the needs of the demographic majority of users. Your Quantum Rehab Provider has evaluated your seating system and made any necessary adjustments to suit your specific requirements. Do not change your seating configuration without first contacting Quantum or your Quantum Rehab Provider.

WARNING! Should the fittings on your seating system become loose, report the problem immediately to your Quantum Rehab Provider.



WARNING! In the event of a loss of power to the power chair, transfer to a safe position, seeking assistance if needed. Contact your Quantum Rehab Provider immediately to report the incident.

WARNING! Your seating system is not approved for use as a seat in any vehicle. Use the seats and occupant restraints provided by the manufacturer of the vehicle.

WARNING! Quantum Rehab strongly recommends that you do not smoke cigarettes while seated in your seating system although the seating system has passed the necessary testing requirements for cigarette smoking. You must adhere to the following safety guidelines if you decide to smoke cigarettes while seated in your seating system.

- Do not leave lit cigarettes unattended.
- Keep ashtrays a safe distance from the seating system.
- Always make sure cigarettes are completely extinguished before disposal.



PROHIBITED! Avoid exposure to rain, snow, ice, salt, or standing water whenever possible. Maintain and store in a clean and dry condition.



MANDATORY! Do not exceed the weight capacity of your power chair or 450 lbs. (204 kg), whichever is less.

Identification Key

- | | |
|---------------------|---------------------------|
| A. Armrests | 4. Heavy Duty Drop-in |
| 1. Flip-up | 5. Two Post |
| 2. Pediatric | 6. Optional Transfer Bars |
| 3. Flip-up Downpost | |

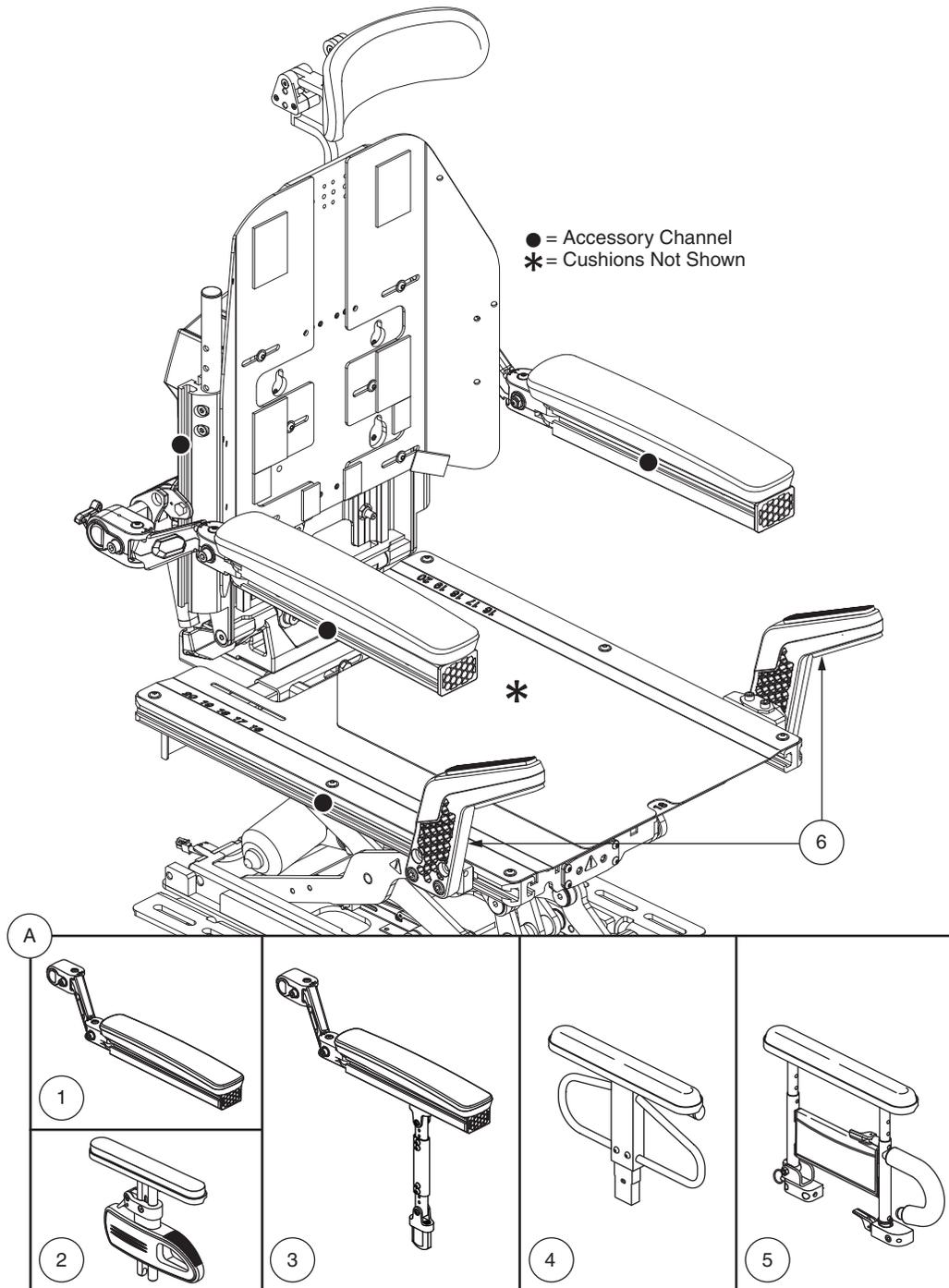


Figure 1. TRU-Balance® 3 Power Positioning Components

Operating the TRU-Balance® Power Positioning System

The TRU-Balance® 3 Power Positioning System is equipped with a width-adjustable seatback and can be operated through a controller, a specialty controller, or a toggle (see figure 8).

Range of Motion

Your TRU-Balance® 3 Seating System provides up to 50° of tilt, 10 in. (25.4 cm) of lift, can recline 95°-175°, and can tilt/recline up to 175°. See figure 3.

NOTE: Certain configurations of a TRU-Balance® 3 Power Tilt and Quantum power bases have a maximum tilt angle of less than 50°.

There is a power inhibit on your TRU-Balance® 3 Power Positioning System which will not allow you to drive your power chair while in the tilt position. A full inhibit will activate at 20°-50°. See figure 2.

	Recline Lockout	Tilt Lockout	Elevate Lockout	1/4 Speed	Full Drive Lockout	iLevel®
Elevated				X		X
Tilted more than 20°			X		X	
Reclined more than 20°			X		X	
Tilt/reclined more than 125°	X	X	X		X	

Figure 2. Inhibit Matrix



WARNING! Check the immediate area to ensure nothing is trapped in the mechanism before operating the tilt, recline, and/or lift features. Keep clear prior to and during movement.

NOTE: The addition of an optional vent tray to your TRU-Balance® 3 Power Positioning System may change the overall weight, size, and/or center of gravity of your power chair. Do not make any changes to your seating configuration without contacting your Quantum Rehab Provider.

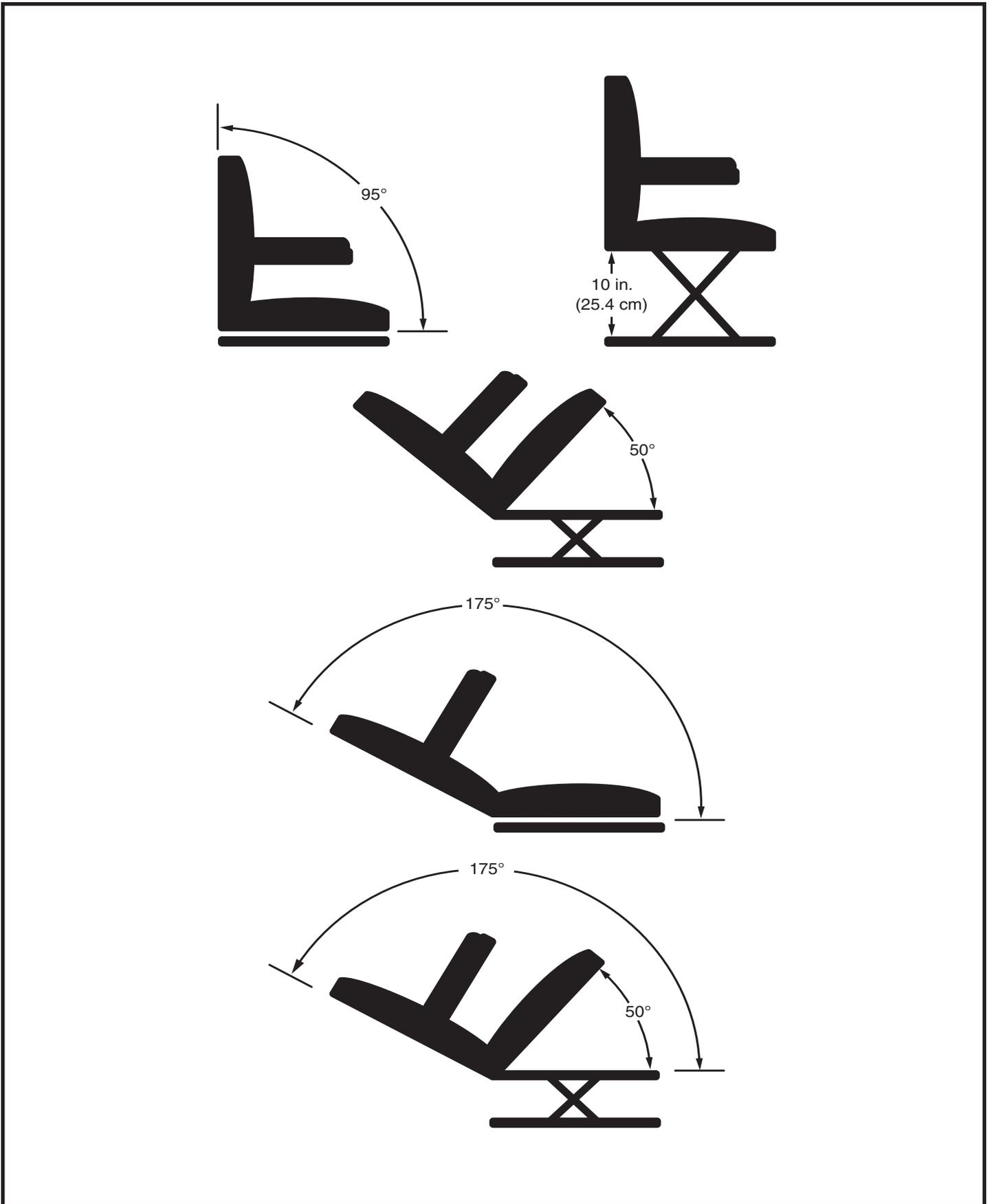


Figure 3. TRU-Balance® 3 Power Positioning System Range of Motion

iLevel® Feature (Optional)

Your power chair may be equipped with the iLevel® feature that will be used in conjunction with your TRU-Balance® 3 Power Positioning System. The iLevel® feature is mounted on a Quantum power base for maximum stability when the seating is elevated. **See figure 4.**

NOTE: If your power chair is equipped with a TRU-Balance® 3 Power Positioning System, refer to the information provided in the operation manual included in your owner's package.

MANDATORY! Before operating the iLevel® feature, read the following. These guidelines are provided for your benefit and will aid you in the safe operation of the iLevel® feature.

- Turn off the power before you are seated in your power chair.
- Always have assistance when you are being seated in or transferring to your power chair.
- Follow all of your procedures and heed the warnings as explained in this owner's manual, supplemental manuals, and the Consumer Safety Guide.



WARNING! The center of gravity of your power chair was factory set to a position that meets the needs of the demographic majority of users. Your Quantum Rehab Provider has evaluated your power chair and made any necessary adjustments to suit your specific requirements. Do not change your seating configuration without first contacting Pride/Quantum or your Quantum Rehab Provider.



WARNING! Some power chair components are heavy. You may need assistance to lift or carry them. Please refer to the specifications table for specific component weights before you disassemble the power chair.

WARNING! Remove the occupant from the power chair before making any adjustments.

NOTE: The iLevel® feature is automatically engaged when the power elevating seat is activated and the iLevel® indicator is displayed on your controller.

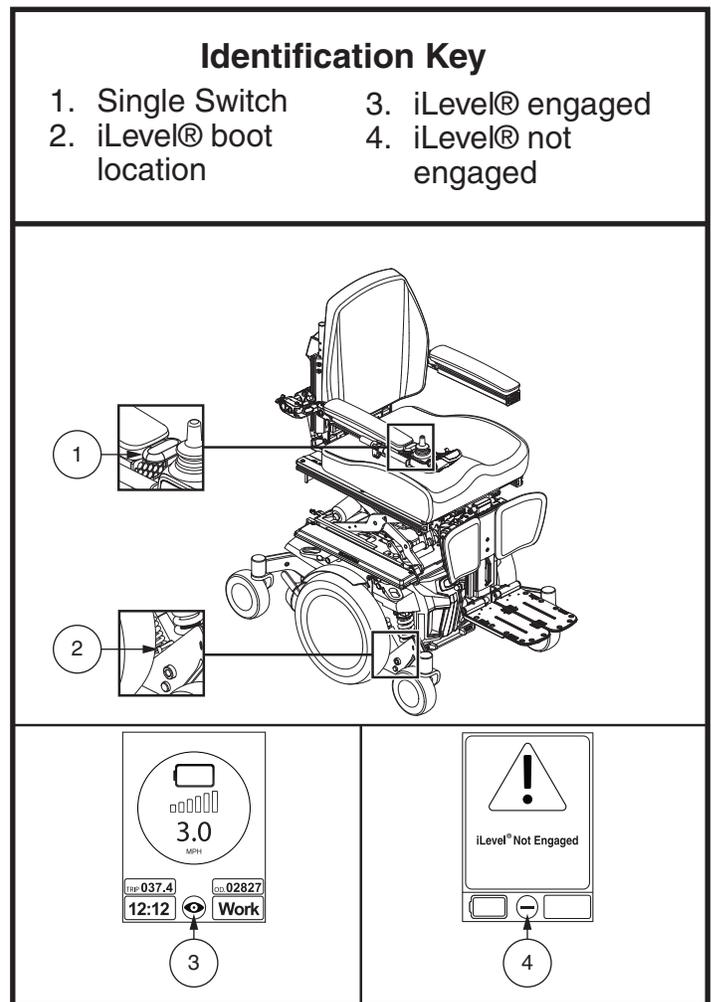


Figure 4. TRU-Balance® 3 with iLevel® Feature and Controller Indicators

The iLevel® feature is accessed through the controller or single switch, and the power chair must be on a flat, level surface to activate iLevel®. Once the seating system actuator is started, the iLevel® boots (see figure 4) inhibit movement of the front caster wheels and restrict the power chair to 1 in.–1.5 in. (2.54 cm–3.81 cm) of climbing ability. The seating system can be reclined or tilted up to 20° while the iLevel® feature is activated.

NOTE: For more information on the iLevel® warning displays, refer to the basic operation instructions for your controller.

To activate the iLevel® using a single switch:

1. Press and hold the single switch once to raise the seat and activate iLevel®.
2. Press and hold the single switch once to lower the seat.



WARNING! Do not operate the iLevel® or change the seat height in any way while your power chair is positioned under a fixed object, such as a table or a desk. Keep area clear prior to and during movement.

The iLevel® feature should be used only on flat, level, indoor surfaces, such as in malls, offices, and/or medical facilities, and only on limited, flat, level, hardscape, outdoor surfaces.

While the iLevel® feature is in use, the power chair can drive at a predetermined, safe speed. Refer to the specifications table for more information on reduction of the maximum speed.

WARNING! The iLevel® feature should only be used on flat, level, indoor surface, such as in malls, offices, and/or medical facilities. Never raise the seat from its lowest position on an inclined surface. Failure to heed this warning can result in the power chair tipping over.



WARNING! The iLevel® feature is intended for limited outdoor use on only flat, level, hardscape surfaces. If you are unsure of your environment, do not use iLevel® outdoors.

WARNING! Never raise the seat into iLevel® when operating your power chair on bumpy or uneven surfaces. Failure to heed this warning can result in the power chair tipping over.

WARNING! Always fasten the positioning belt when operating the power chair.



PROHIBITED! Never use the iLevel® outdoors on uneven terrain (gravel, hills or other uneven, noncompact terrain) or in fields.

NOTE: The iLevel® feature is equipped with a system that allows the power chair to drive at a predetermined, safe speed when the seat is elevated. Always check to be sure this system is operating properly before using your power chair.

NOTE: If a warning or visual indicator appears on your controller stating that iLevel® is not engaged, the power chair's speed will be reduced to 25% when elevated. If this warning appears while on level ground, please discontinue use of iLevel® feature and consult your Quantum Rehab Provider for assistance.

Flip-forward Back (Optional)

The flip-forward back allows the user to flip the seatback forward for easier transportation. **See figure 5.** Your seating system may be equipped with one of two flip-forward backs.

To flip the seatback forward:

1. Remove the detent pin (**see figure 6**) OR rotate the release lever on both back canes toward the rear of the seat to disengage the back. **See figure 7.**
2. Fold the seatback down.

To return the seatback to an upright position:

1. Lift the seatback up and place in the upright position.
2. Reinstall the detent pin and ensure all components are secure (**see figure 6**) OR rotate the release lever on both back canes toward the front of the seat to latch the back canes. Ensure a red sticker on the release lever is not visible. **See figure 7.**



WARNING! Ensure the detent pin is properly inserted OR the release lever is properly latched before sitting in your power chair.

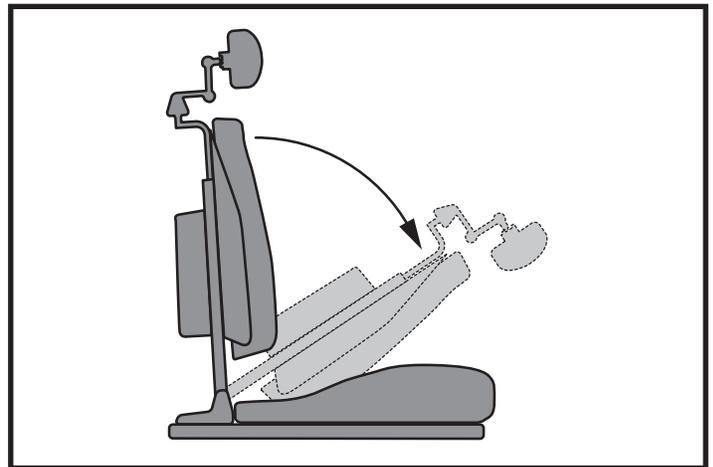


Figure 5. Flip-forward Back (Disengaged)

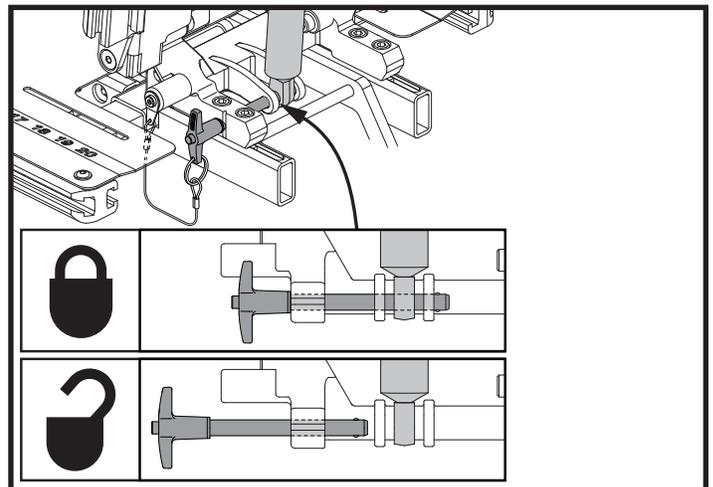


Figure 6. Flip-forward Back (Detent Pin)

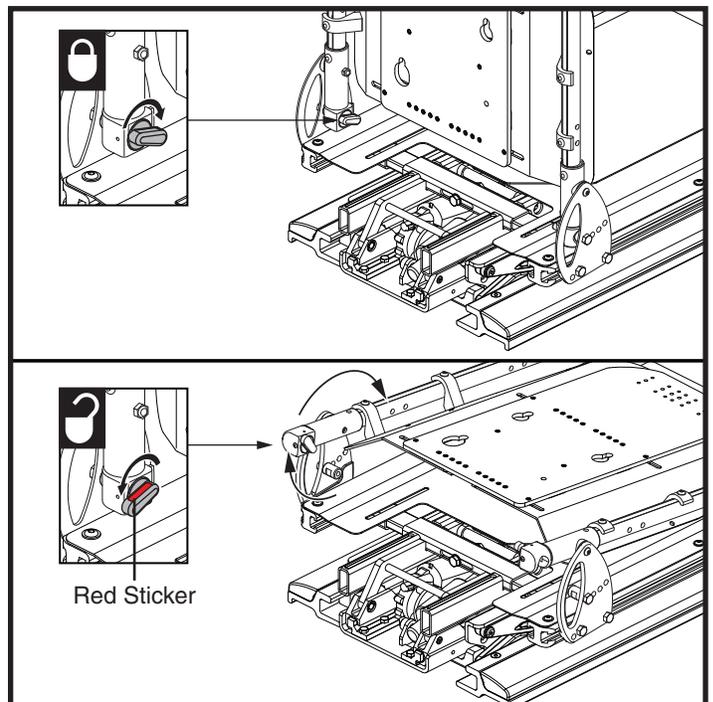


Figure 7. Flip-forward Back (Release Lever)

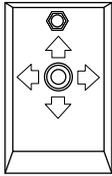
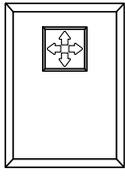
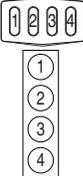
Toggle Operation				
Tilt			1	
Return to Seated Position			1	
Recline			2	N/A
Return to Seat Position			2	N/A
Elevate Seat			3	N/A
Return to Seat Position			3	N/A
Combined Leg Rests/ Foot Platform Up			4	N/A
Combined Leg Rests/ Foot Platform Down			4	N/A
Independent Leg Rests Up	Left  Right 	 	3 4	N/A
Independent Leg Rests Down	Left  Right 	 	3 4	N/A

Figure 8. Optional Toggle Operation

Armrest Options

The following sections will describe armrest options and the comfort adjustments that can be made to them. Not all armrest options are available on all TRU-Balance® 3 Power Positioning Systems.

You may need the following to make comfort adjustments:

- Metric hex key set
- Metric open-ended wrench
- Phillips screwdriver

WARNING! Do not attempt to lift or move your power chair or seating system by any of its removable parts, including the armrest(s), front rigging(s), seat cushions, seatback, shrouds, or controller. Use only solid, non-removable frame components to lift or move your power chair or seating system.



WARNING! Avoid putting all of your weight on the power chair armrests and do not use the armrests for weight-bearing purposes, such as transfers. Such use may cause the power chair to tip, resulting in a fall from the power chair and personal injury.

WARNING! The controller and controller bracket are non-load bearing items on your seating system. Do not use the controller or controller bracket for weight-bearing purposes, such as transfers. Such use may cause damage to these components, resulting in a fall from the seating system and personal injury.

Flip-up Armrests

The Flip-up Armrests are designed to “flip up” out of the way for easier transfer onto and off of the power chair. The armrest height, angle, width, and swing can be adjusted.

NOTE: Changing the armrest height also changes the armrest angle. We recommend adjusting the armrest height first and then adjusting the armrest angle.

To adjust the armrest height:

1. Loosen screws 1, 2, and 3. **See figure 9.**
2. Raise or lower the armrests to the desired height.
3. Tighten screws 1, 2, and 3. **See figure 9.**

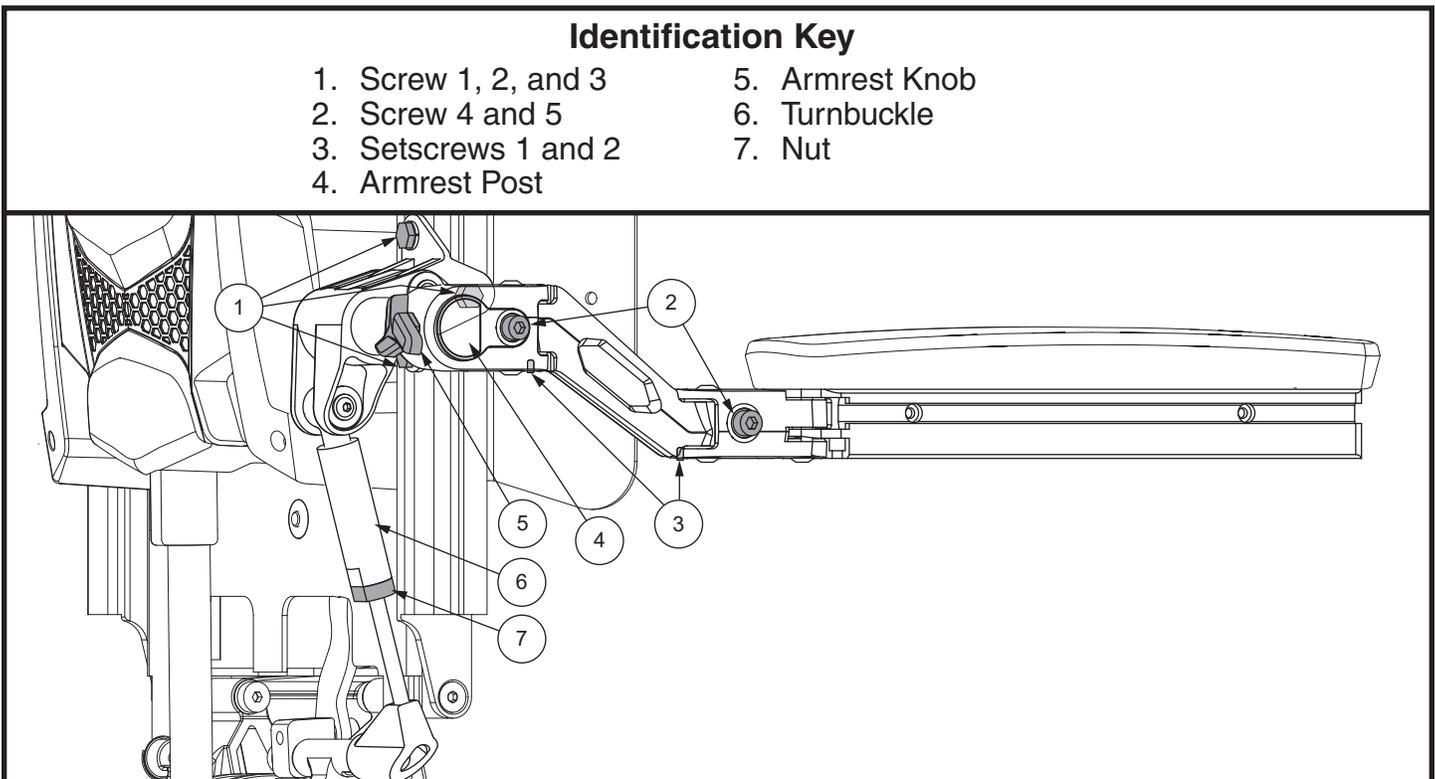


Figure 9. Flip-up Armrest Height and Angle Adjustment

To adjust the armrest angle:

1. Loosen nut. **See figure 9.**
2. To set the armrest at the desired angle, adjust the turnbuckle to raise or lower the armrest.
3. Tighten nut. **See figure 9.**

To adjust the armrest width:

1. Loosen setscrew 1 and/or 2 on underside of armrest prior to adjustment. **See figure 9.**
2. Adjust the armrest width to the desired position by turning screw 4 and/or screw 5. **See figure 9.**
3. Tighten setscrew 1 and/or 2.

To remove the armrest:

1. Remove the armrest knob. **See figure 9.**
2. Support the weight of the armrest and pull the armrest off of the armrest post.



WARNING! Some power chair components are heavy. You may need assistance to lift or carry them.

To install the armrest:

1. Slide the armrest onto the armrest post. **See figure 9.**
2. Install and tighten the armrest knob.

To adjust the armrest swing:

1. Flip the armrest up.
2. Remove the screw on the bottom of the armrest and rotate armpad to gain access to adjustment screws. **See figure 10.**
3. Set the adjustment screws that correspond to the desired position.
4. Rotate armpad to cover adjustment screws and reinstall the screw on the bottom of the armrest.
5. Lower the armrest.

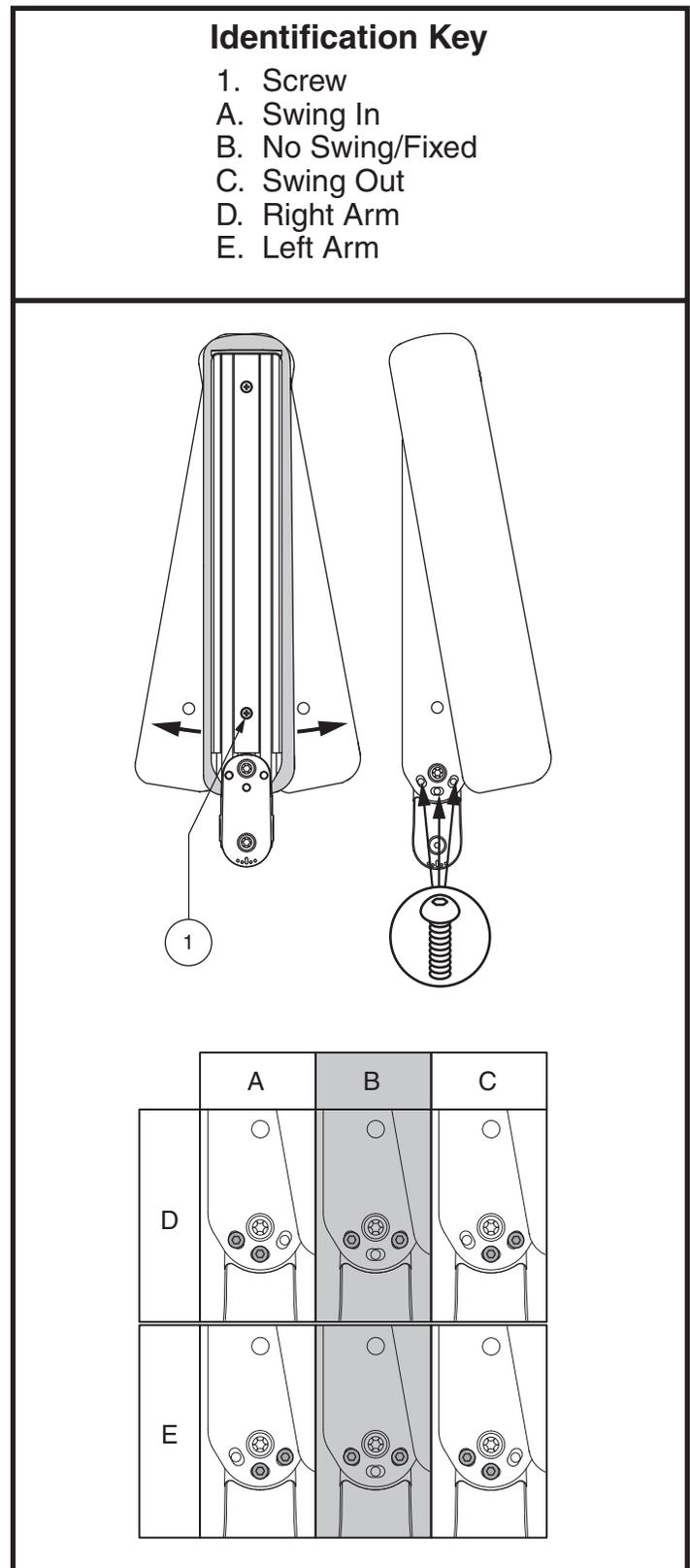


Figure 10. Flip-up Armrest Swing Adjustment

Two Post Armrests

The height adjustment range for the Two Post Armrest is 9-13 in. (22.86-33.02 cm) in 1-in. (2.54-cm) increments. This range is measured from the top of the seat rail to the top of the armpad. You can also flip the armrests or remove them for transfer. **See figure 11.**

To remove the armrest assembly:

1. Push the spring-loaded lever downward and pull up on the front of the armrest. **See figure 11.**
2. Remove the detent pin from the back of the seat. **See figure 11.**
3. Pull up on the rear of the armrest to remove the assembly.

To install the armrest assembly:

1. Set the rear of the armrest into the rear seat receiver and install the detent pin. **See figure 11.**
2. Rotate the armrest assembly down.
3. Push the front of the armrest into the front seat receiver and rotate the spring-loaded lever to the horizontal position to lock into place.

To adjust the armrest height:

1. Push the spring-loaded lever inward. **See figure 12.**
2. Move the armrest up or down to the desired height.
3. Rotate the spring-loaded lever outward and lock the armrest in place. If necessary, move the armrest up or down to ensure that the armrest is secure.

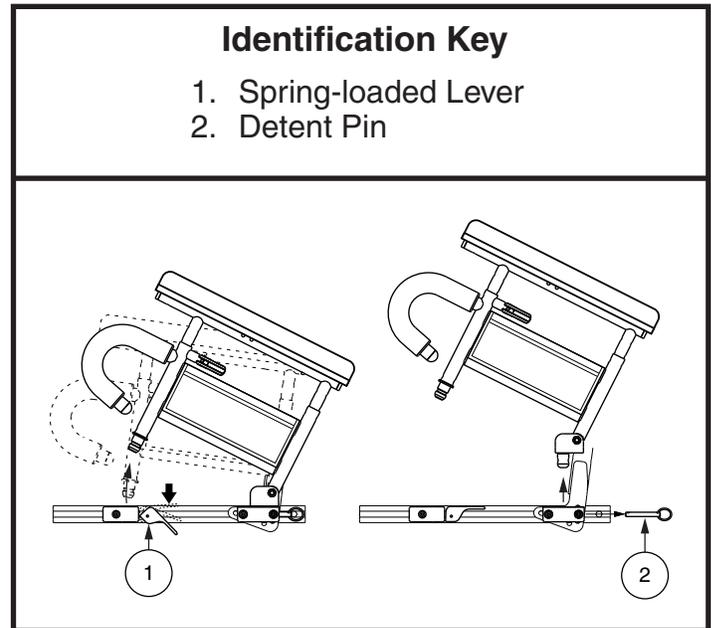


Figure 11. Two Post Armrest Removal and Installation

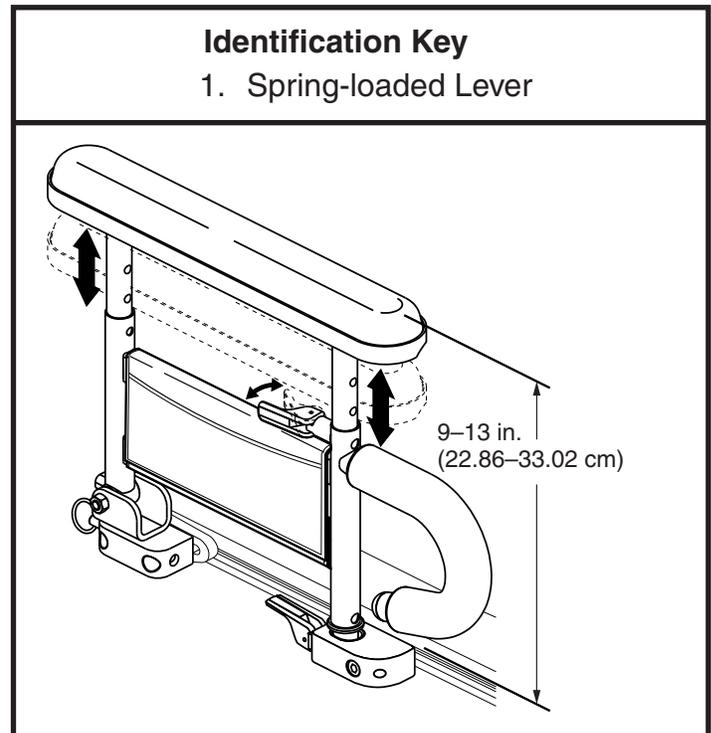


Figure 12. Two Post Armrest Height Adjustment

Heavy Duty Drop-in Armrests

The Heavy Duty Drop-in Armrests are designed to be removed for easier transfer onto and off of the power chair. **See figure 13.** The armrest height and position can be adjusted. **See figure 14.**

To remove the armrest assembly:

1. Rotate the armrest lever rearward. **See figure 13.**
2. Lift up the armrest assembly.

To install the armrest assembly:

1. Place the armrest assembly into the armrest block. **See figure 13.**
2. Rotate the armrest lever forward.

To adjust the armrest position:

1. Rotate the armrest lever rearward and remove the armrest from the armrest block. **See figure 13.**
2. Loosen screws 1 and 2. **See figure 14.**
3. Slide the armrest block to the desired position.
4. Tighten screws 1 and 2.
5. Install the armrest in the armrest block and rotate the armrest lever forward. **See figure 14.**
6. Repeat for the other side if necessary.

To adjust the armrest height:

1. Remove screws 3 and 4. **See figure 14.**
2. Slide the armrest up or down the detent bar to the desired height.
3. Reinstall screws 3 and 4. **See figure 14.**
4. Repeat for the other armrest if necessary.

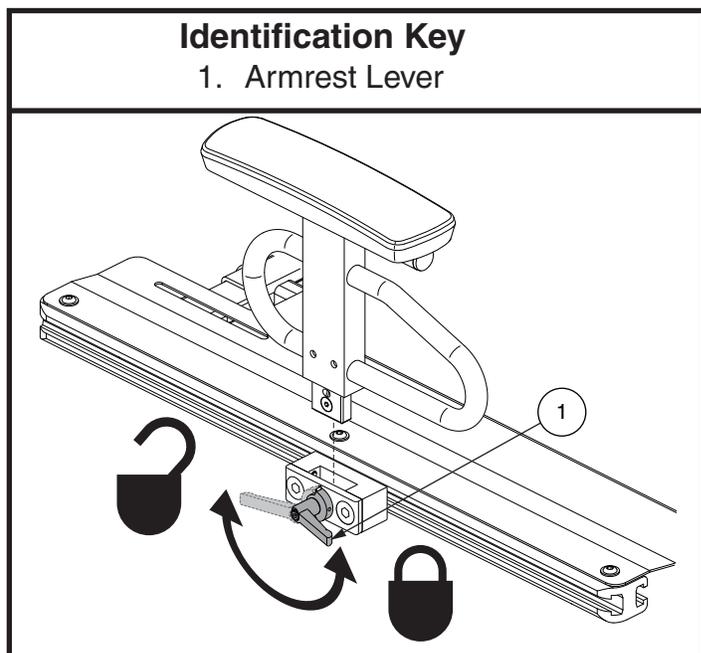


Figure 13. Heavy Duty Drop-in Armrest Removal/Installation

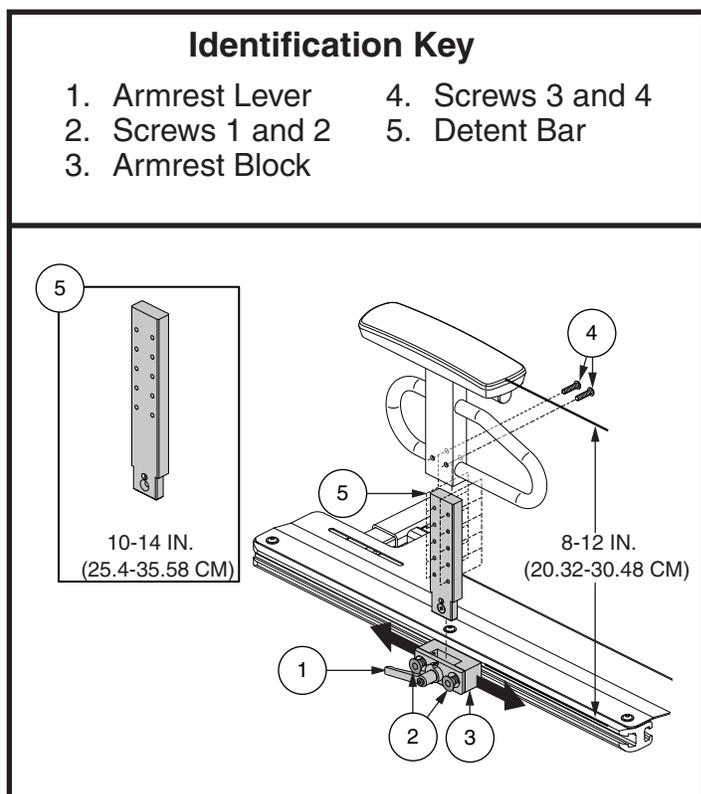


Figure 14. Heavy Duty Drop-in Armrest Position and Height Adjustment

Pediatric Single Post Quick Height Adjustable Drop-in Armrests

The Pediatric Single Post Quick Height Adjustable Drop-in Armrests can be adjusted and easily removed for easier transfer onto and off of the power chair. The total height adjustment range is 3 in. (7.62 cm) in 3/8-in. (0.95-cm) increments. This range is measured from the top of the seat pan to the top of the armrest pad. The total height adjustment range is 7.75-10.75 in. (19.69-27.31 cm).

To remove the armrest assembly:

1. Rotate the armrest lever forward. **See figure 15.**
2. Lift up the armrest assembly.

To install the armrest assembly:

1. Place the armrest assembly into the armrest block. **See figure 15.**
2. Rotate the armrest lever rearward.

Top height adjustments do not require any tools. The top height adjustment range is 1 in. (2.54 cm) in 3/8-in. (0.95-cm) increments. The bottom height adjustment range is 2 in. (5.08 cm) in 1-in. (2.54-cm) increments.

To adjust the top height:

1. If present, remove the optional locking pin. **See figure 15.**
2. Pull the armrest up to raise, or press the release lever to lower the armrest to the desired height.
3. If applicable, reinsert the locking pin.
4. Repeat for the other armrest if necessary.

To adjust the bottom height:

1. Remove screws 1 and 2 from the detent bar. **See figure 16.**
2. Slide the armrest up or down to the desired height.
3. Line up the holes in the armrest.
4. Reinstall screws 1 and 2 into the detent bar.
5. Repeat for the other armrest if necessary.

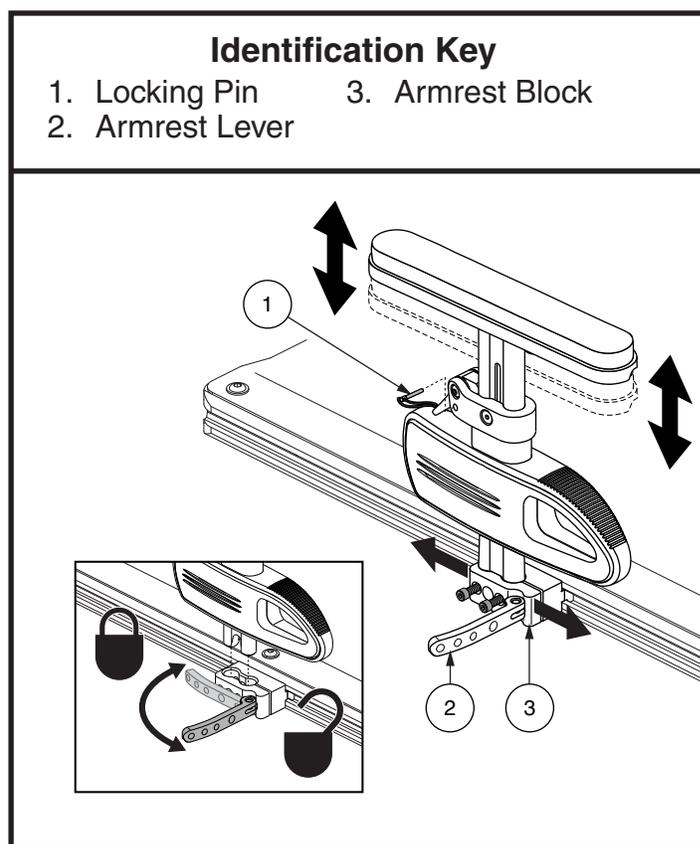


Figure 15. Pediatric Single Post Quick Height Adjustment Armrest Removal/Installation

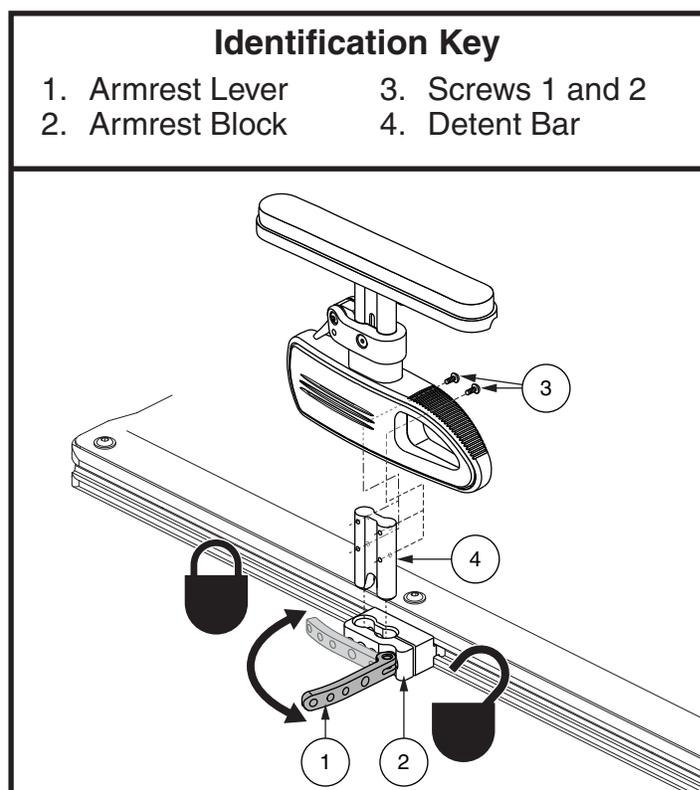


Figure 16. Pediatric Single Post Quick Height Adjustment Drop-in Adjustment

Transfers

Optional transfer bars are available. Transfer bars are designed to make it easier to reposition while seated in the power chair and to transfer into or out of the power chair. Refer to the Consumer Safety Guide provided with your power chair owner's manual for additional information on transfers. **See figure 17**

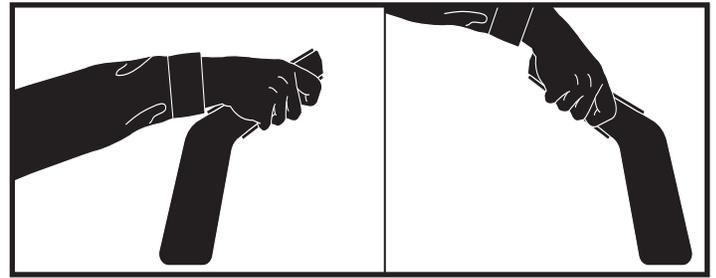


Figure 17. Transfer Bars

Controller Position

You can position the controller for either left-hand or right-hand use. You can also adjust the extension of the controller from the armrest and the height of the controller.



WARNING! Use correct tie-down points for controller harness to prevent the harness from getting caught in the drive tires, pinched in the seat frame, or damaged when passing through doorways.

To change the controller position:

1. Turn off the power to the controller.
2. Remove the controller harness from the clips securing it to the armrest.
3. Loosen the mounting screws in the controller mounting block. **See figure 18.**
4. Move the controller mounting block and controller to the other armrest, tighten the mounting screws, and ensure the release lever is secure.

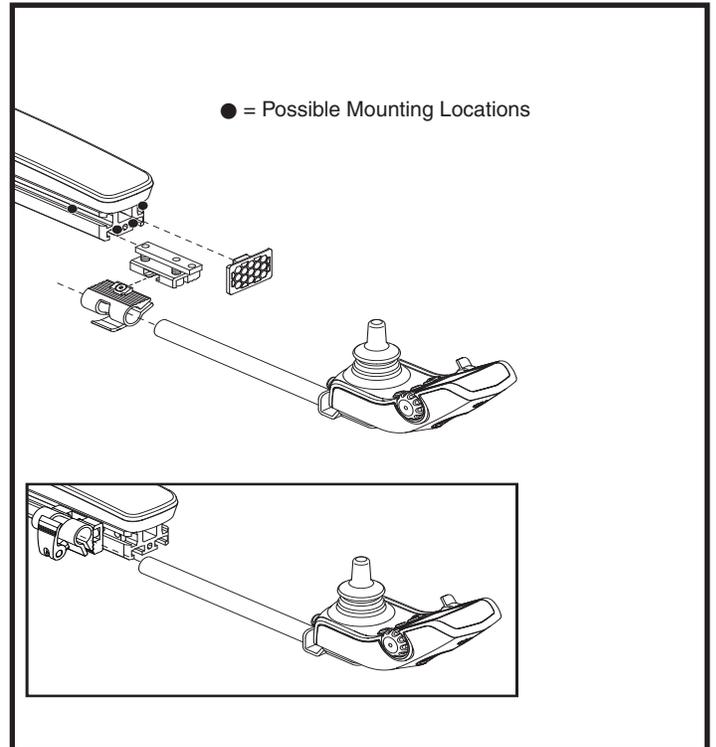


Figure 18. Controller Position (Standard Mounting Block Shown)

To change the controller extension:

1. Turn off the power to the controller.
2. Remove the controller harness from the clips securing it to the armrest.
3. Flip and then rotate the release lever to loosen the clamp. **See figure 19 or 20.**
4. Slide the controller into or out of the armrest to the desired position.
5. Rotate and flip the release lever to tighten the clamp.
6. Route the controller harness to the back of the power base and secure it with clips. **See figure 21.**

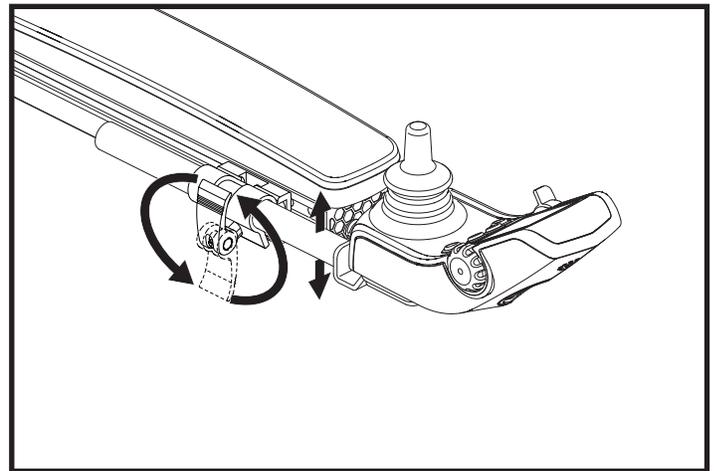


Figure 19. Controller Height Adjustment (Flip-up Armrests)

To change the controller height:

1. Turn off the power to the controller.
2. Remove the controller harness from the clips securing it to the armrest.
3. Flip and then rotate the release lever to loosen the clamp. **See figure 19 or 20.**
4. Adjust the controller to the desired height.
5. Rotate and flip the release lever to tighten the clamp.
6. Route the controller harness to the back of the power base and secure it with clips. **See figure 21.**

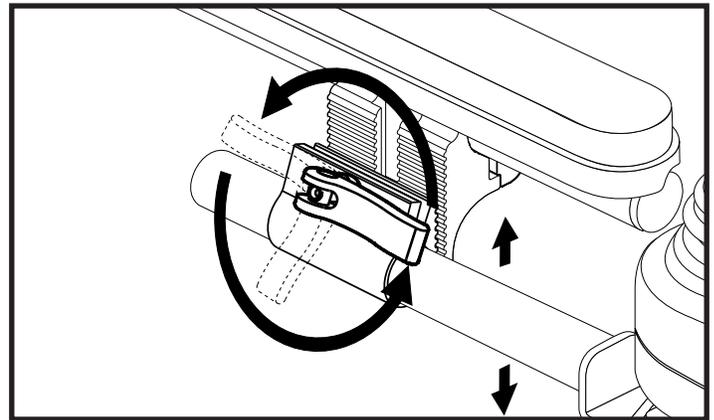


Figure 20. Controller Height Adjustment (Two Post and Heavy Duty Drop-in Armrests)

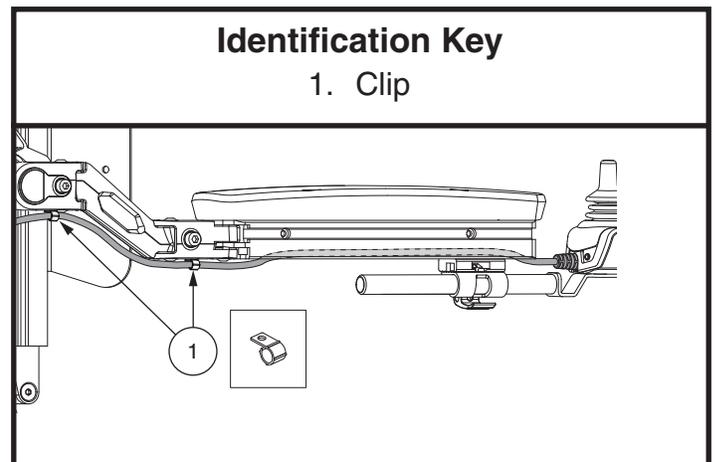


Figure 21. Cable Routing

Manual Recline Option

If your TRU-Balance® 3 Power Positioning System is equipped with the Manual Recline Option, you can adjust the seatback to angles ranging from the minimum recline position (85° from the seat base) to the maximum recline position (175° from the seat base). **See figure 22.** When the seat is reclined past 110°, the chair will be in full inhibit. Returning the seat to an angle of less than 110° will restore power to the motors

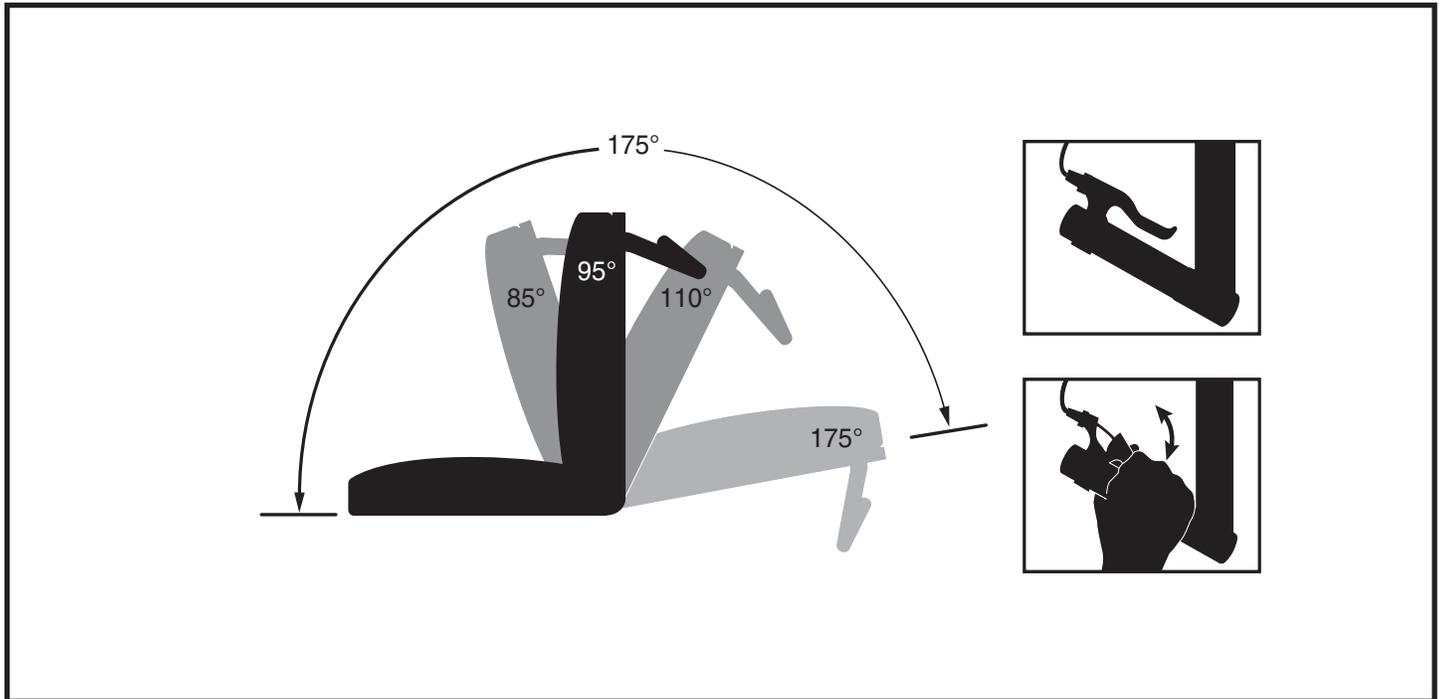


Figure 22. Minimum and Maximum Recline Angles



WARNING! Never recline the seatback while the chair is tilted. This could cause severe injury to the user. A safety feature will not allow you to tilt the seat while it is reclined past 110°. To reactivate the tilt feature, return the reclining seatback to an upright position.

To recline the seatback:

1. Grasp the handle at the top of the seatback.
2. Squeeze the recline release handle, and position the seatback to the desired angle. **See figure 22.**
3. Release the handle to latch the seatback into position.

TRU-Comfort 2

The TRU-Comfort 2 is a unique seatback that is available for user comfort and positioning needs. **Figure 23** provides information on the removable and adjustable TRU-Comfort 2 components. Use this diagram to familiarize yourself with the function and location of each component before using the TRU-Comfort 2.

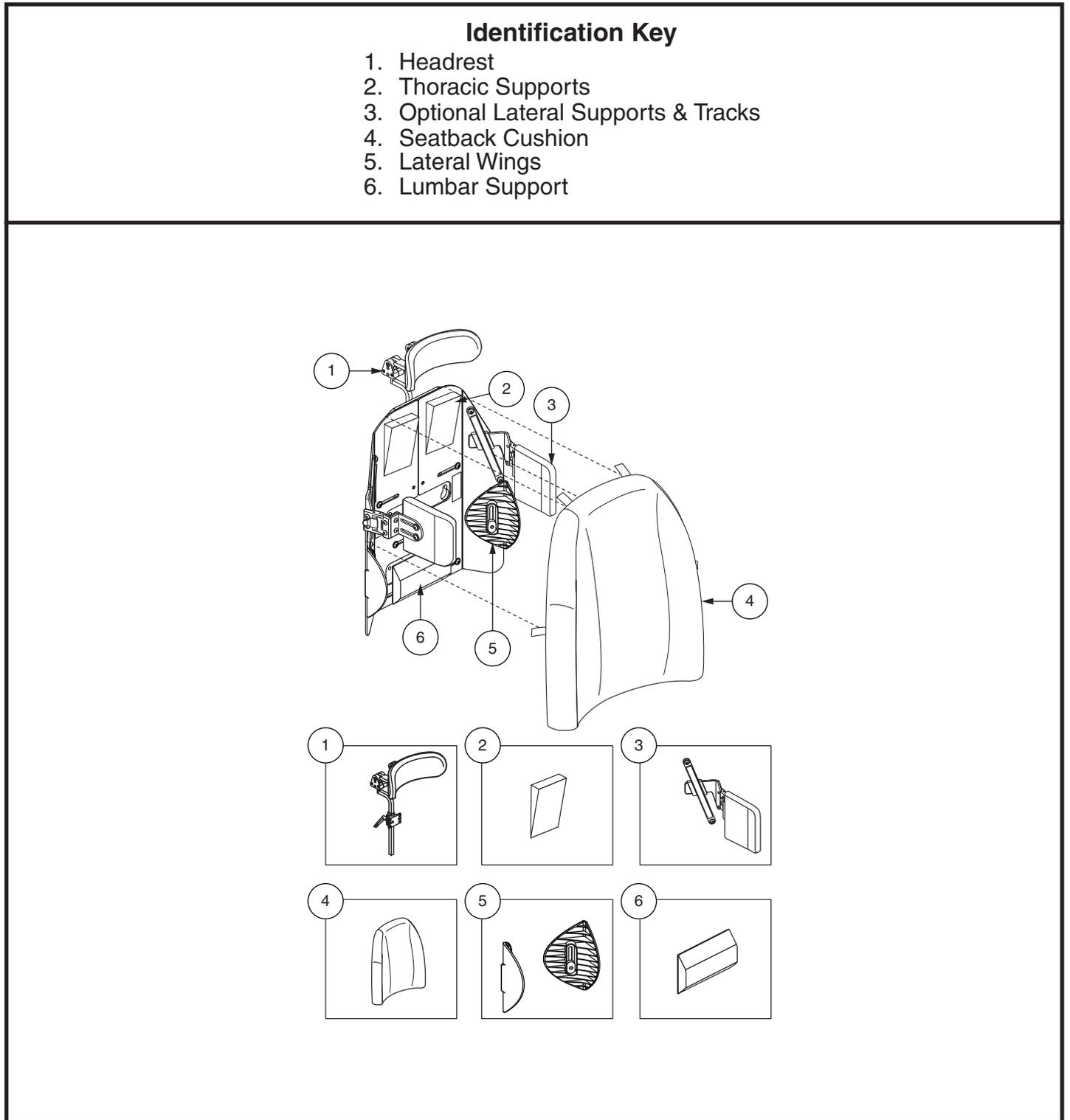


Figure 23. TRU-Comfort 2 Components

Installation and Use

The TRU-Comfort 2 consists of a seatback cushion, lumbar support, lateral supports, lateral wings, and/or thoracic supports that can be placed as needed for user comfort and positioning. They are attached to the seatback with reusable hook and loop fasteners or with hardware.

To place the TRU-Comfort 2 positioning components on the chair:

1. Position the lumbar and thoracic support(s) as needed for user comfort and positioning flat side down and push onto the seatback. Position the lateral supports and lateral wings as needed and attach with hardware. **See figure 23.**
2. Position the seatback cushion so that the reusable hook and loop fastener tabs face the seatback. Place the cushion over any lumbar, lateral, and thoracic support(s) and then secure the cushion to the seatback using the reusable hook and loop fasteners. **See figure 23.**



WARNING! Extreme temperatures can affect the temperature of your cushion components and may cause skin irritation. Use caution when your power chair has been used or stored in an extremely hot or cold environment.

WARNING! Ensure all hardware is installed and tightened properly.

Cleaning

The seatback cushion can be easily cleaned.



WARNING! Do not use bleach when washing the outer cover. Doing so may cause damage to the cover.

WARNING! Follow all safety instructions for the proper use of the disinfectant and/or cleaning agent before applying it to your product. Failure to comply may result in skin irritation or premature deterioration of upholstery and/or power chair finishes.

To clean the seatback cushion cover:

1. Remove the seatback cushion from the seatback by detaching the reusable hook and loop fasteners that secure the cushion to the seatback and then pulling the cushion toward you. **See figure 23.**
2. Locate the zipper at the bottom of the cushion.
3. Unzip the cover and pull out the cushion.
4. Wash the cover in a washing machine at or below a temperature of 158°F (70°C).
5. Allow the cover to air dry.



WARNING! Do not use bleach when washing the outer cover. Doing so may cause damage to the cover.

WARNING! Never submerge the seatback cushion in water. Doing so may cause damage to the cushion.

WARNING! Do not attempt to put the cover in a dryer. This may cause shrinking.

6. Once the cover is dry, re-cover the seatback cushion, position the seatback cushion so that the reusable hook and loop fastener tabs face the seatback. Place the cushion over any lumbar, lateral, and thoracic support(s) and then secure the cushion to the seatback using the reusable hook and loop fasteners. **See figure 23.**



WARNING! Follow all safety instructions for the proper use of the disinfectant and/or cleaning agent before applying it to your product. Failure to comply may result in skin irritation or premature deterioration of upholstery and/or power chair finishes.

Lateral Adjustment

The laterals can be easily installed and adjusted to different heights and widths.

NOTE: Laterals should only be installed and adjusted by your Quantum Rehab Provider.

To install laterals:

1. Install but do not tighten the attachment screws in the lateral track.
2. Slide the lateral support through the channel guide as shown in **figure 24**.
3. Slide the lateral support to the desired height and width. **See figure 24**.
4. Tighten the screws inserted into the lateral track.
5. Repeat for other side, if necessary.

To adjust the laterals:

1. Loosen the attachment screws in the lateral track.
2. Slide the lateral support to the desired height and width. **See figure 24**.
3. Tighten the screws inserted into the lateral track.
4. Repeat for other side, if necessary.

NOTE: Based on seat height, additional holes may be present/available to adjust overall height of lateral tracks.

Headrest Adjustment

The headrest can be easily adjusted to different heights, depths, and angles.

To adjust the height, depth, or angle of the headrest:

1. Loosen the adjustment screws that correspond to the desired adjustments. **See figure 25**.
2. Adjust the headrest to the desired position.
3. Tighten the adjustment screws.

NOTE: Once adjustments have been made and the headrest is in the desired position, make sure that all of the hardware is tight.



WARNING! Do not extend the overall headrest height more than 7 in. (17.78 cm) above the headrest bracket.

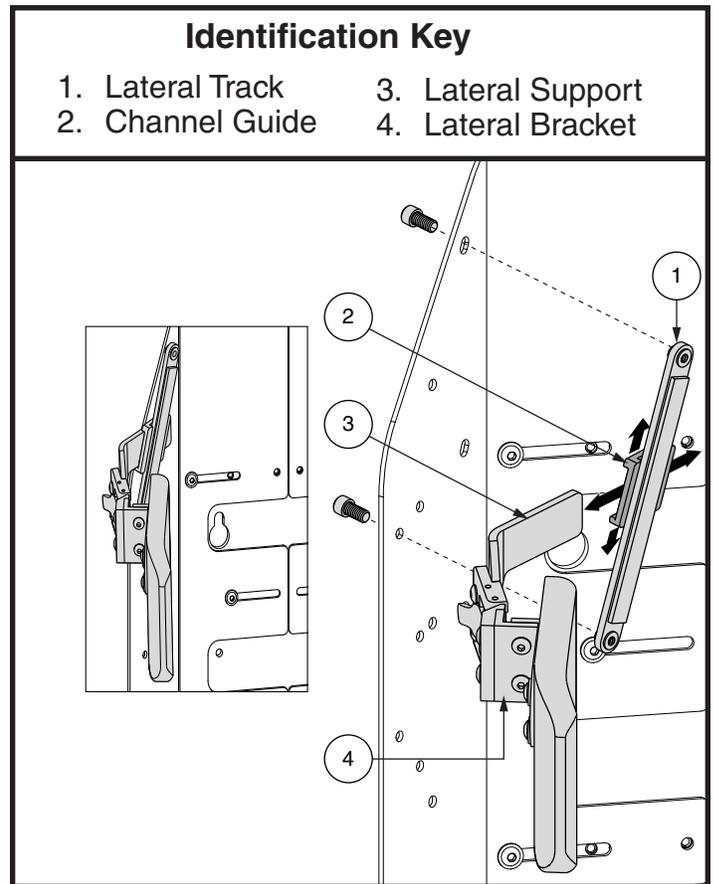


Figure 24. Laterals

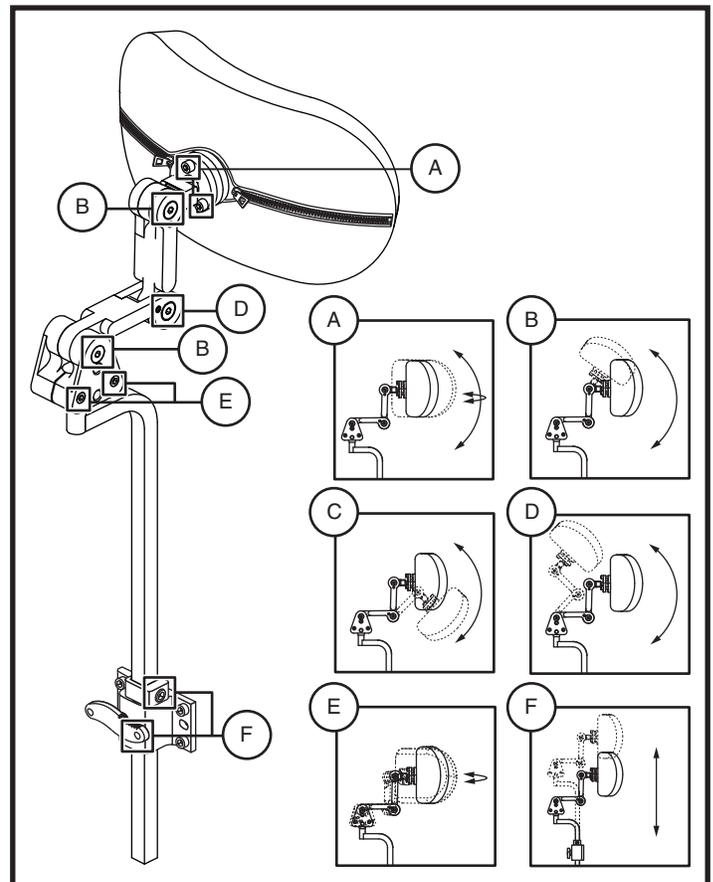


Figure 25. Headrest Adjustment Components

Storage

Some of the parts of your power chair are susceptible to extreme changes in temperature. Always keep your power chair between the temperatures of 18°F (-8°C) and 122°F (50°C). It should be stored at room temperature in a clean and dry location.

Care and Maintenance

Your mobility product must be disposed of according to applicable local and national statutory regulations. Contact your local waste disposal agency or Quantum Rehab Provider for information on proper disposal of mobility product packaging, metal frame components, plastic components, electronics, batteries, neoprene, silicone, and polyurethane materials.

- Make sure all hardware is secured properly, but do not overtighten any hardware.
- To clean the TRU-Balance® 3 seating system, wipe it with a cloth dampened with mild soap and water. Thoroughly dry the unit before using. To properly clean the TRU-Comfort 2 back cushion, follow the cleaning instructions in the “TRU-Comfort 2” section of this manual.

Warranty

Three-Year Limited Warranty

For three (3) years from the date of purchase, Quantum 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 Quantum to be defective in material and/or workmanship:

- Structural frame components

Two-Year Limited Warranty

For two (2) years from the date of purchase, Quantum 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 Quantum to be defective in material and/or workmanship:

- Electronics
- TRU-Comfort 2 seatback cushion

Eighteen-Month Warranty (2-Year Limited Warranty in Canada)

For eighteen (18) months [two (2) years in Canada] from the date of purchase, Quantum 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 Quantum to be defective in material and/or workmanship:

- Actuator

Warranty service can be performed by a Quantum Rehab Provider or by Quantum. Do not return faulty parts to Quantum 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

- Upholstery and seating (unless otherwise noted)
- Repairs and/or modifications made to any part without specific consent from Quantum
- Circumstances beyond the control of Quantum
- Labor, service calls, shipping, and other charges incurred for repair of the product, unless specifically authorized by Quantum
- 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 (1) 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 or 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.



USA

401 York Avenue
Duryea, PA 18642

Canada

5096 South Service Road
Beamsville, Ontario L0R 1B3

UK

32 Wedgwood Road
Bicester, Oxfordshire OX26 4UL
[*www.quantumrehab.co.uk*](http://www.quantumrehab.co.uk)

Australia

20-24 Apollo Drive
Hallam, Victoria 3803
[*www.quantumrehab.com.au*](http://www.quantumrehab.com.au)

New Zealand

38 Lansford Crescent
Avondale
Auckland, New Zealand 1007
[*www.quantumrehab.co.nz*](http://www.quantumrehab.co.nz)

Italy

Via del Progresso, ang. Via del Lavoro
Loc. Prato della Corte
00065 Fiano Romano (RM)
[*www.quantumrehab-italia.it*](http://www.quantumrehab-italia.it)

B.V.

Castricummer Werf 26
1901 RW Castricum
The Netherlands
[*www.quantumrehab.eu*](http://www.quantumrehab.eu)

[*www.quantumrehab.com*](http://www.quantumrehab.com)

