

Owner's Operator And Maintenance Manual



Tilt

Recline

Tilt/Recline

Seating Systems

**DEALER: THIS MANUAL MUST BE GIVEN TO THE USER
OF THE SEATING SYSTEM.**

**USER: BEFORE USING THIS SEATING SYSTEM, READ THIS
MANUAL AND SAVE FOR FUTURE REFERENCE.**

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WARNING

DO NOT OPERATE THIS EQUIPMENT WITHOUT FIRST READING AND UNDERSTANDING THIS MANUAL AND ALL OTHER MATERIAL PROVIDED WITH THE SEATING SYSTEM. IF YOU ARE UNABLE TO UNDERSTAND THE WARNINGS AND INSTRUCTIONS, CONTACT A TRAINED TECHNICIAN BEFORE ATTEMPTING TO USE THIS EQUIPMENT – OTHERWISE INJURY OR DAMAGE MAY RESULT.

THIS SEATING SYSTEM HAS BEEN CUSTOM DESIGNED AND WILL BE ASSEMBLED TO THE SEATING SYSTEM BASE BEFORE DELIVERY TO THE USER. THE INFORMATION CONTAINED IN THIS MANUAL IS FOR MAINTAINING AND ADJUSTING THE SEATING SYSTEM. A QUALIFIED TECHNICIAN MUST PERFORM PROCEDURES OTHER THAN THOSE DESCRIBED IN THIS MANUAL.

SPECIAL NOTES

WARNING/CAUTION notices as used in this manual apply to hazards or unsafe practices, which may result in personal injury or property damage.

NOTICE: THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE.

SEATING SYSTEM USER

As a manufacturer of seating systems, Falcon Rehabilitations endeavors to supply a wide variety of seating systems to meet the many needs of the user. However, final selection of the type of seating system to be used by an individual rests solely with the user and his/ her health care professional capable of making such a selection.

Fitting of a new Falcon seating system should only be done by your healthcare professional. Falcon seating systems can be equipped with other manufacturers attachments and can have custom modifications. These specialized modifications should be explained by your health care professional.

It is Falcon's recommendation that users of wheelchairs and seating systems should be transferred into appropriate seating in vehicles for transportation and use be made of the restraints made available by the auto industry. Falcon does not recommend any wheelchair transportation systems.

AS REGARDS RESTRAINTS – POSITIONING STRAPS – IT IS THE OBLIGATION OF THE DME DEALER, THERAPISTS AND OTHER HEALTH CARE PROFESSIONALS TO DETERMINE IF A SEAT POSITIONING STRAP IS REQUIRED TO ENSURE THE SAFE OPERATION OF THIS EQUIPMENT BY THE USER. SERIOUS INJURY CAN OCCUR IN THE EVENT OF A FALL FROM A WHEELCHAIR OR SEATING SYSTEM.

SAVE THESE INSTRUCTIONS

SPECIFICATIONS

NOTE: All specifications apply to Tilt only, Recline only, and Tilt/Recline systems except where specified. All specifications are approximate.

NOTE: Refer to the seating system owner's manual for complete specifications on operation.

Seat Width Range:	16 to 22 inches – In 1-inch increments
Seat Depth Range:	16 to 22 inches – In 1-inch increments
Back Height Range:	18 to 28 inches – In 1-inch increments
Back Angle Range	
Tilt Only Systems:	85° to 115°
Tilt Range	
Tilt Only and Tilt/Recline Systems:	0° Seat Angle – 0° to 60°
	Note: Anterior tilt reduces posterior tilt
Recline Range	
Recline Only and Tilt/Recline Systems:	93o – 180o
Seat-to-floor:	3° Seat Angle – *18 1/2"
	5° Seat Angle – *19 1/2"
Overall Width:	25 to 27 inches
Overall Height:	53 inches^
Overall Length:	48 inches – in upright position
Weight of Seating System:	65 lbs.(tilt or recline system)
	75lbs. (tilt and recline system)
Armrests:	RA, LPA, FBA
Legrests:	Fixed (70) ELR
Headrests:	5"X5", 7"X7"

**Note: 18" Dual System on Invacare Storm RWD base (please refer to Falcon's seat to floor height chart for a more comprehensive list*

^ Note: Subject to back height and base type

GENERAL GUIDELINES

This Procedure Includes the Following:

Repair or Service Information

Operation Information

Safety/Handling of Seating Systems

REPAIR OR SERVICE INFORMATION

Setup of the Electronic Control Unit is to be performed ONLY by qualified technicians. The final tuning adjustments of the controller may affect other activities of the seating system. Damage to the equipment could occur under these circumstances.

OPERATING INFORMATION

WARNING

Performance adjustments should only be made by qualified health care professionals or by persons fully conversant with this process and the driver's capabilities. Incorrect settings could cause injury to the driver, bystanders, damage to the chair, and to surrounding property.

To determine and establish your particular safety limits, practice bending, reaching and transferring activities in several combinations in the presence of a qualified health professional BEFORE attempting active use of the seating system.

DO NOT attempt to reach objects if you have to move forward in the seat.

DO NOT attempt to reach objects if you have to pick them up from the floor by reaching down between your knees.

DO NOT operate the seating system while on an incline.

TILT ONLY SYSTEMS – NEVER operate the wheelchair when the seating system is in any tilted position over 20° RELATIVE TO THE VERTICAL POSITION.

RECLINE ONLY SYSTEMS – NEVER operate the wheelchair when the seating system is in any recline/back angle combination over 20° RELATIVE TO THE VERTICAL POSITION.

TILT/RECLINE SYSTEMS – NEVER operate the wheelchair when the seating system is in any tilt/recline/back angle combination over 20° RELATIVE TO THE VERTICAL POSITION.

WARNING

Before attempting to transfer in or out of the seating system, every precaution should be taken to reduce the gap distance. Turn both casters toward the object you are transferring onto. Also be certain the power is OFF and motor locks are engaged to prevent the wheels from moving. Also use transfer method suggested by your healthcare professional.

DO NOT engage or disengage the motor locks until the power is in the OFF position.

DO NOT climb, go up or down ramps or traverse slopes greater than 9°.

DO NOT attempt to move up or down an incline with a water, ice, or oil film.

DO NOT attempt to drive over curbs or obstacles. Doing so may cause your seating system to turn over and cause bodily harm or damage to the seating system.

DO NOT leave the power ON when entering or exiting your seating system.

DO NOT attempt to lift the seating system by lifting on any removable (detachable) parts. Lifting by means of any removable (detachable) parts of a seating system may result in injury to the user or damage to the seating system.

DO NOT stand on the frame of the seating system.

Anti-tippers MUST BE attached at all times.

DO NOT use the footplates as a platform. When getting in or out of the seating system, make sure that the footplates are in the upward position or swing footrests towards the outside of the seating system.

ALWAYS wear your seat-positioning strap.

WEIGHT LIMITATION

Standard Tilt only, Recline only, and Tilt/Recline systems have a weight limitation of 250 lbs. Tilt only, Recline only, and Tilt/Recline systems have a heavy-duty option.

GENERAL GUIDELINES

SAFETY/HANDLING OF SEATING SYSTEMS

"Safety and Handling" of the seating system requires the close attention of the seating system user as well as the assistant. This manual, provided with the seating system, points out the most common procedures and techniques involved in the safe operation and maintenance of the seating system. It is important to practice and master these safe techniques until you are comfortable in maneuvering around the frequently encountered architectural barriers.

Use this information only as a "basic" guide. Many have used the techniques that are discussed on the following pages successfully.

Individual seating system users often develop skills to deal with daily living activities that may differ from those described in this manual. Falcon recognizes and encourages each individual to try what works best for him/her in overcoming architectural obstacles that they may encounter. However, ALL WARNINGS and CAUTIONS given in this manual MUST be followed. Techniques in this manual are a starting point for new seating system users and assistants with "safety" as the most important consideration for all.

Stability and Balance

WARNING
ALWAYS wear your seat-positioning strap.

To assure stability and proper operation of your seating system, you must at all times maintain proper balance. Your seating system has been designed to remain upright and stable during normal daily activities as long as you do not move beyond the center of gravity.

DO NOT lean forward out of the seating system any further than the length of the armrests. Make sure the casters are pointing in the forward position whenever you lean forward. Advancing

the wheelchair and then reversing in a straight line can achieve this.

Also, be aware of any detachable parts. These must NEVER be used for handhold or lifting supports, as they may be inadvertently released, resulting in possible injury to the user and/or assistant(s).

When learning a new assistance technique, have an experienced assistant help you before attempting it alone.

Percentage of Weight Distribution

WARNING

DO NOT attempt to reach objects if you have to move forward in the seat or pick them up from the floor by reaching down between your knees.

Many activities require the seating system owner to reach, bend, and transfer in and out of the device. These movements will cause a change to normal balance, center of gravity, and weight distribution of the wheelchair. To determine and establish your particular safety limits, practice bending, reaching, and transferring activities in several combinations in the presence of a qualified health professional BEFORE attempting active use of the seating system.

Proper positioning is essential for your safety. When reaching, leaning, or bending forward, it is important to use the front casters as a tool to maintain stability and balance.

Functional Reach From a Seating System

It is important to understand the difference between comfortable reach limits and maximum reach limits. The approximate reach-limit values should be defined by your healthcare professional.



GENERAL GUIDELINES

Transferring To/From Other Seats

WARNING

BEFORE attempting to transfer in or out of the seating system, every precaution should be taken to reduce the gap distance. Turn both casters toward the object you are transferring onto. Also be certain to engage motor locks to help prevent the wheels from moving.

CAUTION

When transferring, position yourself as far back as possible in the seat. This will prevent the possibility of the chair's tipping forward.

NOTE: This activity may be performed independently provided you have adequate mobility and upper body strength.

Any transfers performed from this seating system should be performed in accordance to the guidelines that your healthcare professional has outlined for your conditions.



Transfer

SAFETY INSPECTION/TROUBLESHOOTING

SAFETY INSPECTION AND MAINTENANCE CHECKLIST

NOTE: Every six (6) months, take your seating system to a qualified dealer for a thorough inspection and servicing. Regular cleaning will reveal loose or worn parts and enhance the smooth operation of your seating system. To operate properly and safely, your seating system must be cared for just like any other vehicle. Routine maintenance will extend the life and efficiency of your seating system.

Initial adjustments should be made to suit your personal body structure and preference. Thereafter follow these maintenance procedures.

NOTE: Refer to the manufactures manual of the base for a complete safety inspection checklist on the base.

ITEM	INITIALLY	INSPECT/ ADJUST WEEKLY	INSPECT/ ADJUST MONTHLY	INSPECT/ ADJUST PERIODICALLY
ELECTRICAL CONNECTIONS • Make sure all electrical connections are secure.	X		X	
DRIVE LOCK-OUT (optional) • Make sure Drive lock-out operates properly.	X			X
TILT MECHANISM • Make sure tilt operates smoothly and properly.	X		X	
RECLINE MECHANISM • Make sure recline operates smoothly and properly.	X		X	
LEGRESTS/FOOTRESTS • Ensure all fasteners are secure.	X			X
ARMS • Secure but easy to release; adjustment levers engage properly.	X			X
ITEM	INITIALLY	INSPECT/ ADJUST WEEKLY	INSPECT/ ADJUST MONTHLY	INSPECT/ ADJUST PERIODICALLY
ARMPADS • Inspect for rips in upholstery. • Armrest pad sits flush against arm tube.	X			X X
SEAT AND BACK CUSHIONS • Inspect for rips.	X			X
CLEANING • Clean cushions and armrests.	X			X

TROUBLESHOOTING

TROUBLESHOOTING FOR Tilt ONLY SYSTEM

SYMPTOM	PROBABLE CAUSE	SOLUTIONS
Tilt system not functioning.	<ul style="list-style-type: none"> • Low batteries. • Faulty electrical connection. • Blown fuse. 	<ul style="list-style-type: none"> • Charge batteries. • Check all connections. Contact dealer for service. • Replace fuse. Contact dealer for service.
Tilt system making noise	<ul style="list-style-type: none"> • Slides for tilt system need cleaning and lubrication • Front crossbar loose 	<ul style="list-style-type: none"> • Clean slides with silicone spray • Tighten bolts on front crossbar that holds actuator
Armrests not releasing easily	<ul style="list-style-type: none"> • Armrests are out of adjustment 	<ul style="list-style-type: none"> • See section 9 for armrest adjustments. Contact dealer for service
Legrests/footrests not releasing/functioning properly	<ul style="list-style-type: none"> • Legrests/footrest not adjusted properly • Legrests/footrests are damaged 	<ul style="list-style-type: none"> • See procedure 8 for footrest/legrest adjustment • Contact dealer for service

TROUBLESHOOTING FOR RECLINE ONLY SYSTEM

SYMPTOM	PROBABLE CAUSE	SOLUTIONS
Recline system not functioning.	<ul style="list-style-type: none"> • Low batteries. • Faulty electrical connection. • Blown fuse. 	<ul style="list-style-type: none"> • Charge batteries. • Check all connections. Contact dealer for service. • Replace fuse. Contact dealer for service.
Seat not sliding smoothly	<ul style="list-style-type: none"> • Slides located under seat pan need cleaning and lubrication • Draglinks out of adjustment 	<ul style="list-style-type: none"> • Clean seat slides with silicone spray • Contact dealer for service
Armrests not releasing easily	<ul style="list-style-type: none"> • Armrests are out of adjustment 	<ul style="list-style-type: none"> • See section 9 for armrest adjustments. Contact dealer for service
Legrests/footrests not releasing/functioning properly	<ul style="list-style-type: none"> • Legrests/footrest not adjusted properly • Legrests/footrests are damaged 	<ul style="list-style-type: none"> • See procedure 8 for footrest/legrest adjustment • Contact dealer for service

TROUBLESHOOTING FOR TILT AND RECLINE SYSTEMS

SYMPTOM	PROBABLE CAUSE	SOLUTIONS
Tilt/Recline system not functioning.	<ul style="list-style-type: none"> • Low batteries. • Faulty electrical connection 	<ul style="list-style-type: none"> • Charge batteries. • Check all connections. Contact dealer for service.
Tilt system making noise	<ul style="list-style-type: none"> • Slides for tilt system need cleaning and lubrication • Front crossbar loose 	<ul style="list-style-type: none"> • Clean slides with silicone spray • Tighten bolts on front crossbar that holds actuator
Seat not sliding smoothly	<ul style="list-style-type: none"> • Slides located under seat pan need cleaning and lubrication • Draglinks out of adjustment 	<ul style="list-style-type: none"> • Clean seat slides with silicone spray • Contact dealer for service
Armrests not releasing easily	<ul style="list-style-type: none"> • Armrests are out of adjustment 	<ul style="list-style-type: none"> • See section 9 for armrest adjustments. Contact dealer for service
Legrests/footrests not releasing/functioning properly	<ul style="list-style-type: none"> • Legrests/footrest not adjusted properly • Legrests/footrests are damaged 	<ul style="list-style-type: none"> • See procedure 8 for footrest/legrest adjustment • Contact dealer for service

Systems

OPERATING TILT ONLY SYSTEMS

WARNING

NEVER operate the wheelchair when seating system is in any recline/back angle combination over 20° RELATIVE TO THE VERTICAL POSITION.

A Note About Drive Lock-Out

Drive Lock-out is an option designed to prevent the wheelchair from being driven while in any tilt angle over 20° RELATIVE TO THE VERTICAL POSITION.

Increasing Tilt Angle

(When equipped with standard toggle switch)

1. Make sure the wheelchair is on a level surface.
2. Pull single function toggle switch back towards rear of the wheelchair until the desired angle is achieved.

Decreasing Tilt Angle

1. Push the single function toggle switch towards the front of the wheelchair until the desired angle is achieved.

NOTE: If the seating system is equipped with specialty switch options, scan to the correct ECU or Auxiliary mode, then activate the control device in the corresponding direction to operate the tilt function. These specialty functions should be outlined and explained by your healthcare professional.



Full Tilt

OPERATING RECLINE ONLY SYSTEMS

WARNING

NEVER operate the wheelchair when seating system is in any recline/back angle combination over 20° RELATIVE TO THE VERTICAL POSITION.

Increasing/Decreasing Recline Angle

(When equipped with standard toggle switch)

NOTE: The recline angle range is from 95° to 180°.

1. Make sure the seating system is on a level surface.
2. Pull the toggle switch back towards the rear of the seating system until the desired recline angle is achieved.
3. To raise the back push the toggle forward until desired position is reached.

NOTE: If the seating system is equipped with specialty switch options, scan to the correct ECU or Auxiliary mode, then activate the control device in the corresponding direction to operate the recline function. These specialty functions should be outlined and explained by your healthcare professional.



FULL RECLINE POSITION

OPERATING TILT /RECLINE SYSTEMS

WARNING

NEVER operate the wheelchair when seating system is in any tilt/recline/back angle combination over 20° RELATIVE TO THE VERTICAL POSITION.

Increasing/Decreasing Tilt Angle

NOTE: The tilt angle range is from 0° to 60°.

1. Make sure the seating system is on a level surface.
2. Pull toggle switch towards the back of the seating system until the desired tilt angle is achieved.
3. To sit up, push the toggle forward until desired position is achieved.

Increasing/Decreasing Recline Angle

NOTE: The recline angle range is from 95° to 170°.

1. Make sure the seating system is on a level surface.
2. Pull the toggle switch back towards the rear of the seating system until the desired recline angle is achieved.



TILT/RECLINE COMBINATION

3. To raise the back, push the toggle forward until desired position is achieved.

NOTE: If the seating system is equipped with specialty switch options, scan to the correct ECU or Auxiliary mode, and then activate the control device in the corresponding direction to operate the tilt/recline function. These specialty functions should be outlined and explained by your healthcare professional.

Adjusting Back Angle Switches

Falcon tilt/recline systems come equipped from the factory with switches incorporated in the back that inhibit the movement of the tilt/recline in any combination to no greater of 165° in relation to the ground. To adjust these settings please contact your dealer or healthcare professional.

Legrests/Footrests

This Procedure Includes Installing and Removing the Following:

Falcon Footrests

- Falcon Mechanical Elevating Legrests*
- Falcon Manual Elevating Legrests*
- Falcon Power Independent Elevating Legrests*

Adjusting the Following:

- Falcon Footplates*
- Falcon Angle Adjustable Footplates*
- Falcon One-Piece Footplate*

Note: Your seating may be equipped with another manufacturer's footrest/legrest. If this is the case please contact your dealer or healthcare professional on instructions for use.

WARNING

After ANY adjustments, repair or service and BEFORE use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

INSTALLING/REMOVING FALCON FOOTRESTS

INSTALLING

1. Insert the footrest hanger mounting post into the receiver attached to the seat frame.
2. Align the pins on the footrest mounting post with the slot in the top of the receiver, making sure that the pins seat completely in the groove.



REMOVING

1. Lift straight up on the footrest until the footrest mounting post clears the receiver.

MECHANICAL ELEVATING LEGRESTS

CAUTION

DO NOT operate the recline function of the seating system if one (1) or both of the mechanical elevating legrest pushrods is bent. Damage to the seating system may occur.

NOTE: Mechanical elevating legrests are linked to the recline function of the seating system. Operating the recline function automatically operates elevating legrests.

NOTE: Mechanical Elevating Legrest speed and height cannot be adjusted independently of the recline function of the wheelchair. If the mechanical elevating legrests are not operating as desired, have the seating system serviced by a Falcon dealer or technician.

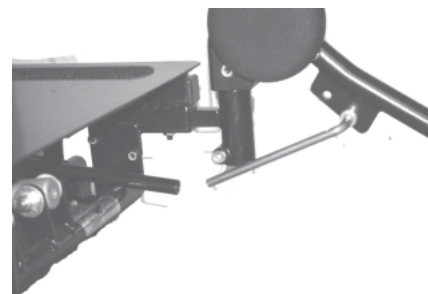
INSTALLING/REMOVING MECHANICAL ELEVATING LEGRESTS

INSTALLING

1. Insert the footrest hanger mounting post into the receiver attached to the seat frame.
2. Align the pins on the footrest mounting post with the slot in the top of the receiver, making sure that the pins seat completely in the groove.

NOTE: The footplate will be on the inside of the wheelchair when locked in place.

3. Lift the elevating legrest UP and insert the push rod into the elevation rod located under the seat.
4. Lower the elevating legrest until the pushrod seats into position in the elevation rod
5. Repeat STEPS 1-4 for the opposite elevating legrest



REMOVING

1. Lift UP on elevating legrest to separate the pushrod from the elevating rod located under the seat.
2. Lift straight up on the elevating legrest until the footrest mounting post clears the receiver.
3. Repeat STEPS 1-2 for opposite side of seating system.

INSTALLING/REMOVING MANUAL ELEVATING LEGRESTS

Note: Manual-elevating legrests should be in the lowered position before installing or removing.

INSTALLING

1. Insert the footrest hanger mounting post into the receiver attached to the seat frame.
2. Align the pins on the footrest mounting post with the slot in the top of the receiver, making sure that the pins seat completely in the groove.

NOTE: The footplate will be on the inside of the wheelchair when locked in place.

REMOVING

1. Lift straight up on the footrest until the footrest mounting post clears the receiver.

ADJUSTING ANGLE ADJUSTABLE FOOTPLATE ROTATION

Note: Falcon adjustable angle footplates are a single-axis rotational adjustment.

1. Using a 3/16 allen wrench loosen the screw located underneath the footplate on the outside of the footplate.
2. Pull the footplate towards the inside of the wheelchair enough to release the footplate from the toothed lock mechanism.
3. Rotate the footplate to the desired position and align the teeth with the lock mechanism making sure that the teeth on both sides mesh properly.
4. Tighten the allen screw using the 3/16 allen wrench.
5. Repeat steps 1-4 for the other side.



Falcon Adapters for all Manufacturer Legrests

Note: Falcon manufactures adapter that will allow the attachment of all types of legrests to the Falcon seating system. If one of these adapters is installed please contact your dealer or healthcare professional on instructions for use.

FALCON ARMRESTS

WARNING

After ANY adjustments, repair or service and BEFORE use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

Make sure armrests are locked securely in place BEFORE using the seating system.

Pinch points exist on the armrests.

This Section Includes Operating the Following:

Falcon Low Profile Armrests

Falcon Flip-Back armrests

Falcon Adapters For All Manufacturer Armrests

Falcon Low Profile Armrests

Removing

1. Flip the armrest release lever at the front of the seating system down to the unlocked position.
2. Lift UP on the armrest to remove the armrest riser tube from the front arm socket.
3. Pull the release lever at the rear of the armrest forward.
4. While holding the release lever forward, remove the armrest from the armrest pivot boss.

Installing

1. Align the armrest with armrest pivot boss
2. Pull the release lever at the rear of the armrest forward and push armrest onto armrest pivot boss then release lever.
3. Make sure the armrest release lever on the front of the seating system is in the unlocked position.
4. Install the armrest riser tube into the front socket.
5. Flip the armrest release lever up into the locked position.

Adjusting Low Profile Armrest Height

1. Make sure the seating system is in the full upright position. Refer to OPERATING RECLINE ONLY SYSTEMS or OPERATING TILT/RECLINE SYSTEMS instructions earlier in the manual.
2. Remove the bolts in back and adjust block UP and DOWN accordingly.
3. Using 1/8" Hex Key loosen set screw in riser tube. Adjust by turning lower tube clockwise or counter clockwise.



Falcon Flip-Back Armrests

Note: Falcon Flip-Back Armrests do not remove. They are designed to flip out of the way only.

Operating

1. To flip armrests back lift on bottom of armrest and rotate until the armrest rests gently on the stop.
2. To return the armrest to its usable position lift the front of the armrest and rotate it until it rests gently on the upright stop.



Falcon Adapters for all Manufacturer Armrests

Note: Falcon manufactures adapter that will allow the attachment of all types of armrests to the Falcon seating system. If one of these adapters is installed please contact your dealer or healthcare professional on instructions for use.

Falcon Headrest

REMOVING/INSTALLING/ ADJUSTING HEADREST

This Procedure Includes the Following:
Removing/Installing/Adjusting Falcon Headrest

WARNING

After ANY adjustments, repair, or service and BEFORE use, make sure all attaching hardware is tightened securely – otherwise injury or damage may result.

Removing

1. Loosen, but do not remove, the lever on the mount that secures the headrest located on the back upholstery by flipping lever open.
2. Lift headrest hardware straight up until headrest vertical tube is free from headrest mount.

Installing

1. Align the headrest vertical tube with the mount attached to the back upholstery and slide down until the pin on the stop aligns with the hole in the mount.
2. Tighten lever on mount by flipping lever closed



REMOVING/INSTALLING/ ADJUSTING HEADREST

Adjusting Headrest Height

1. Loosen the setscrew on the headrest stop.
2. Position the headrest to the desired height.
4. Tighten the setscrew that secures the headrest to the headrest-mounting bracket.
5. Tighten the setscrew on the headrest stop.
6. If necessary, adjust the depth or direction of the headrest

Adjusting Headrest Depth/Direction

1. Loosen, but do not remove, screws that secure the offset fixture.
2. If necessary, reposition the headrest to the desired depth by adjusting the headrest towards the front of the wheelchair or towards the rear of the wheelchair.
3. If necessary, reposition the headrest to the desired position (headrest will move in any direction).
4. While holding the headrest in the desired position, securely tighten the set of screws.

REPLACING HEADREST

1. Remove the 2 phillip screws that secure the headrest to the headrest mounting bracket
2. Position the new headrest on the headrest-mounting bracket and secure with the existing screws.

NOTE: One (1) style of headrest is shown for clarity. Both styles of headrest attach the same way

Drive Lock-Out

This Procedure Includes the Following:
Drive lock-out feature
Adjusting the drive lock-out on the Falcon tilt or tilt and recline system

A Note About Drive Lock-Out

Drive Lock-out is an option designed to prevent the seating system from being driven while in any tilt angle combination over 20° RELATIVE TO THE VERTICAL POSITION.

The Falcon drive lock-out feature is a mechanical switch that can be adjusted from 0° to 20° tilt range before activating the drive inhibit feature. The factory setting for the drive lock-out is 5°.

Adjusting the drive lock-out feature

To increase the amount of tilt angle use the following procedure.

1. Locate the drive lock-out switch. If your Falcon system is equipped with the drive lock-out feature the switch will be located on the right side of the baseframe right below the slides that move the center of gravity of the tilt mechanism forward during the tilt cycle.
2. Using a #2 phillips screw and a 3/8 open end wrench loosen the two Phillips head screws that secure the switch mount to the baseframe. Turn the screws counter clockwise while holding the 10-32 nylon lock nuts secure with the 3/8" end wrench.
3. Using the tilt activation switch tilt the seating system to the desired angle of stopping the driving function of the wheelchair.
4. When the desired angle is achieved move the switch mount bracket towards the front of the chair until the arm of the switch is closes on the switch mount.
5. Re-tighten the two Phillips head screws by turning them clockwise with the #2 phillips screwdriver while securing the 10-32 nylon lock nuts with the 3/8" end wrench.

To decrease the amount of tilt angle use the following procedure.

1. Locate the drive lock-out switch. If your Falcon system is equipped with the drive lock-out feature the switch will be located on the right side of the baseframe right below the slides that move the center of gravity of the tilt mechanism forward during the tilt cycle.
2. Using a #2 phillips screw and a 3/8 open end wrench loosen the two Phillips head screws that secure the switch mount to the baseframe. Turn the screws counter clockwise while holding the 10-32 nylon lock nuts secure with the 3/8" end wrench.
3. Using the tilt activation switch tilt the seating system to the desired angle of stopping the driving function of the wheelchair.
4. When the desired angle is achieved move the switch mount bracket towards the rear of the chair until the arm of the switch is closes on the switch mount.
5. Re-tighten the two Phillips head screws by turning them clockwise with the #2 phillips screwdriver while securing the 10-32 nylon lock nuts with the 3/8" end wrench.

NOTES

A series of horizontal lines for writing notes, consisting of 23 lines in total.

WARRANTY

LIMITED WARRANTY

PLEASE NOTE: THE WARRANTY BELOW HAS BEEN DRAFTED TO COMPLY WITH FEDERAL LAW APPLICABLE TO PRODUCTS MANUFACTURED AFTER JULY 4, 1975.

This warranty is extended only to the original purchaser /user of our products.

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

Falcon warrants this product to be free from defects in materials and workmanship for a period of 18 months from date of purchase. If within such warranty period any such product shall be proven to be defective, such product shall be repaired or replaced, at Falcon's option. This warranty does not include any outside labor or shipping charges incurred in replacement part installation or repair of any such product. Falcon's sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement.

For warranty service, please contact the dealer from whom you purchased your Falcon product. In the event you do not receive satisfactory warranty service, please write directly to Falcon at the address at the bottom of the page. Provide dealer's name, address, date of purchase, indicate nature of the defect and, if the product is serialized, indicate the serial number. Do not return products to our factory without our prior consent.

LIMITATIONS AND EXCLUSIONS: THE FOREGOING WARRANTY SHALL NOT APPLY TO SERIAL NUMBERED PRODUCTS IF THE SERIAL NUMBER HAS BEEN REMOVED OR DEFACED, PRODUCTS SUBJECTED TO NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, MAINTENANCE OR STORAGE, COMMERCIAL OR INSTITUTIONAL USE, PRODUCTS MODIFIED WITHOUT FALCON'S EXPRESS WRITTEN CONSENT INCLUDING, BUT NOT LIMITED TO, MODIFICATION THROUGH THE USE OF UNAUTHORIZED PARTS OR ATTACHMENTS; PRODUCTS DAMAGED BY REASON OF REPAIRS MADE TO ANY COMPONENT WITHOUT THE SPECIFIC CONSENT OF FALCON, OR TO A PRODUCT DAMAGED BY CIRCUMSTANCES BEYOND FALCON'S CONTROL, AND SUCH EVALUATION WILL BE SOLELY DETERMINED BY FALCON. THE WARRANTY SHALL NOT APPLY TO PROBLEMS ARISING FROM NORMAL WEAR OR FAILURE TO ADHERE TO THESE INSTRUCTIONS.

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

THIS WARRANTY SHALL BE EXTENDED TO COMPLY WITH STATE/PROVINCIAL LAWS AND REQUIREMENTS.

**FALCON REHABILITATION PRODUCTS INC.
4965 Kingston St.
Denver, CO 80239**