

Silver StarTM Backpacker Series



OWNER'S MANUAL

*Including Models:
Backpacker MV, Backpacker AVP,
and Backpacker Plus*

SAFETY GUIDELINES



WARNING! An authorized Silver Star Provider or qualified technician must perform the initial setup of this lift and must perform all of the instructions in this manual.

The symbols below are used throughout this owner's manual and on the product 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 red slash.

Please fill out the following information for quick reference:

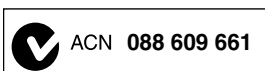
Silver Star Provider: _____

Address: _____

Phone Number: _____

Purchase Date: _____ Serial Number: _____

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



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I. INTRODUCTION

SAFETY

Welcome to Silver Star a division of Pride Mobility Products Corporation (Pride). Congratulations on the purchase of your new Backpacker Lift System. The Backpacker Lift System 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 will add convenience to your daily living and ensure complete satisfaction.

At Pride, your safety is important to us. **Please read and follow all instructions in this manual before operating your lift system 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 lift system.

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

INTERNET AND PRIVATE PURCHASES

If you purchased your product over the Internet or from a previous owner and you have any questions about the safe use and/or maintenance of the product, please visit Silver Star's web page at **www.pride-mobility.com** or contact your authorized Silver Star Provider.

PURCHASER'S AGREEMENT

By accepting delivery of this product, you promise that you will not change, alter, or modify this product or remove or render inoperable or unsafe any guards, shields, or other safety features of this product; fail, refuse, or neglect to install any retrofit kits from time to time provided by Pride to enhance or preserve the safe use of this product.

SHIPPING AND DELIVERY

Before using your lift system, make sure your delivery is complete as some components may be individually packaged. If you do not receive a complete delivery, please contact your authorized Silver Star Provider immediately. Where damage has occurred during transport, either to the packaging or content, please contact the delivery company responsible.

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 lift system and about the service you received from your authorized Silver Star 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 lift system. Please feel free to contact us at the address below:

Pride Mobility Products Corporation
Attn.: Customer Care Department
182 Susquehanna Ave.
Exeter, PA 18643-2694

info@pridemobility.com
1.800.424.8205

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

PRODUCT SAFETY SYMBOLS

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



Crush Hazard—Moving parts can crush and cut. Keep hands clear.



Crush Hazard—Moving lift can crush. Keep feet clear during operation.



Crush Hazard—Moving lift can crush. Keep hands clear during operation.



Do not sit on mobility device while activating lift or during transport.



Keep area clean, dry, and free of obstructions.



Do not remove cover! Only authorized personnel may service this equipment. Refer to manual for important safety information.



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



Maximum lifting capacity.

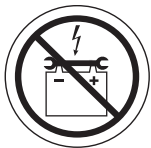


Do not use as a step.



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

II. SAFETY



Keep tools and other metal objects away from battery terminals. Contact with tools can cause electrical shock.



Do not allow unsupervised children to play near the lift while the batteries are charging.



Corrosive chemicals contained in battery.



Explosive conditions exist!



Pinch/Crush points created during assembly.



Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.



Contains Lead.



Wear safety goggles.



Disposal and recycling — Contact your authorized Silver Star Provider for information on proper disposal of your Silver Star product and its packaging.



II. SAFETY

LIFTING CAPABILITIES

The Backpacker Lift System is designed for a maximum lifting capacity of 350 lbs. (158 kg). Under no circumstances should the Backpacker Lift System be made to exceed this weight limit. Subjecting the lift system to the strain of lifting more than it is designed to may cause it to fail, resulting in damage to the mobility device and/or the lift operator. Refer to the mobility device owner's manual for information on the overall weight of the mobility device before lifting.



MANDATORY! Adding accessories, oversized batteries, or a different seat will increase the weight of your mobility device. Verify with your authorized Silver Star Provider that the total weight of your mobility device, including additions, DOES NOT exceed 350 lbs. (158 kg).

INSTALLATION

Your Backpacker Lift System is an interior lift designed for installation into various brands of SUVs and full-sized/mini vans. Read and fully understand the installation instructions provided in this manual and related literature for your brand of vehicle before installing the lift system.

LIFTING NON-PRIDE PRODUCTS

The Backpacker Lift System is an extremely versatile device which users may employ to lift items other than Pride products. Pride has no control over such use, nor can Pride anticipate every possible use to which a Backpacker Lift System may be put. Lifting non-Pride products with the Backpacker Lift System is done at the operator's own risk, and Pride accepts no liability for damage or injury resulting from such use.

PRELIFT INSPECTION

Before operating the Backpacker Lift System, conduct a careful survey of your surroundings to ensure that the lift system has a clear path of operation. Remove any possible obstructions before operating the lift and do not allow children to operate or play near the lift. Ensure that all parts of the lift system are completely fastened before loading the mobility device onto the lift platform, and make sure the mobility device is properly secured before operating the lift system.

OPERATOR POSITIONING

The operator of the lift should stand a safe distance from the unit being lifted/lowered to ensure that his/her feet are never positioned under the raised lift platform. The operator should also keep his/her hands clear of the lift system during operation.

TRANSPORT VEHICLE POSITIONING

Be sure your vehicle is parked on flat, level ground before attempting to load, lift, or remove a mobility device with the Backpacker Lift System. Make sure the vehicle emergency park brake is engaged before loading or unloading a mobility device.

III. INSTALLATION

BACKPACKER LIFT SYSTEM INSTALLATION



WARNING! The Backpacker Lift System should be installed by an authorized service technician only.

WARNING! At least two people should lift the Backpacker into the rear of the vehicle. Use proper lifting techniques and avoid lifting beyond your physical capability.



WARNING! Avoid pinch points! Do not hold the lift frame by the pivot points when installing the Backpacker.

NOTE: Use only the supplied hardware to install the Backpacker Lift System.

Follow these steps to install the Backpacker:

1. Install the Backpacker securement system to the vehicle. Refer to the installation instructions supplied with the securement system.

NOTE: Securement systems vary depending on vehicle manufacturer. Refer to the installation instructions supplied with your securement system or contact your authorized Silver Star Provider for more information.

2. Connect the Backpacker to a power source. See “Wiring Harness Installation.”

NOTE: If your lift is equipped with an optional onboard battery, refer to “Onboard Battery Installation.”

3. Ensure that all mounting hardware is fully tightened once the lift has been centered and all required clearances have been achieved.

NOTE: If there is not adequate clearance between the bumper and the platform frame, you may need to install an end support bracket. Remove the Backpacker from the van and install the end support bracket close to the rear door opening. Reinstall the lift into the vehicle, making sure that the bolts protruding from the bottom plate of the Backpacker closest to the vehicle door snap into the tapped holes on the top of the end support bracket.

NOTE: It may be required to trim the rear inside sill to achieve the adequate platform clearance with the platform under load.

NOTE: Pay attention to the path of the lift platform during operation. Make sure the lift does not rub against or interfere with the vehicle in any way. If you notice any contact between the lift platform and the vehicle, stop lift operation immediately and contact your authorized Silver Star Provider for assistance.

4. Run the Backpacker through an entire lift cycle. Lower the platform to the ground and then raise the platform to the fully stowed position in the vehicle. See IV. “Operation.”

NOTE: Ensure the yellow transit screw and washer have been removed from the front of the lift and the rubber bushing has been installed before operation. See figures 1 and 2.



WARNING! Remove the transit screw and washer prior to lift operation. Failure to do so may result in serious equipment damage.

III. INSTALLATION



WARNING! Release the “DOWN” button when the lift platform touches the ground. Do not allow the motor to run after the lift platform has touched the ground. Allowing the motor to run will increase the pressure on the lift platform and may result in product or vehicle damage.

Wiring Harness Installation

The wiring harness is approximately 25 ft. (7.62 meters) long and will accommodate most vehicles.

NOTE: You may wish to perform a practice run before installing the wiring harness. Route a piece of light rope (equivalent to the gage of the wiring harness) along the anticipated path observing contact points, potential rubbing/chafing points, and any sharp edges. Remove sharp edges with a fine grade file, then treat the steel with a rust inhibitor or metal sealant.

WARNING! Route the wiring harness through the vehicle rather than under the vehicle to avoid coming in contact with sharp edges, extreme temperatures, moving parts, and roadway debris. Power shorts may occur if wires come in contact with hot exhaust parts or sharp edges.



WARNING! Never attach the wiring harness to a secondary power source. Do not attempt to use trailer wiring to power the lift system. The wiring harness must be connected directly to the vehicle battery.

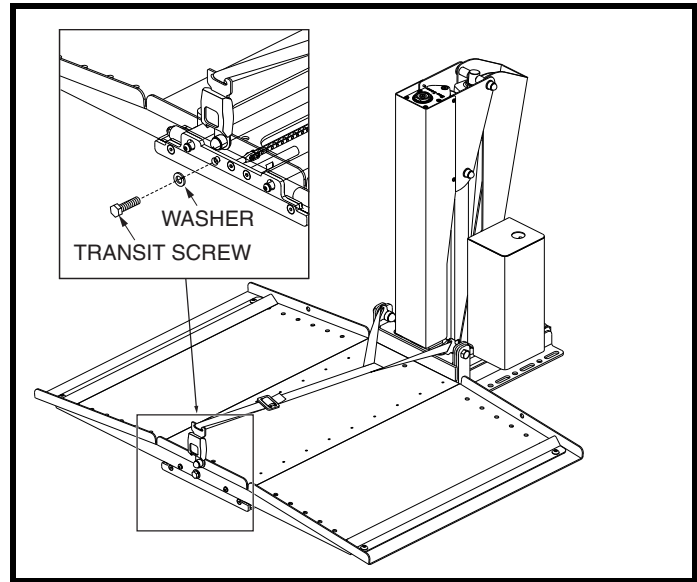


Figure 1. Transit Screw Removal

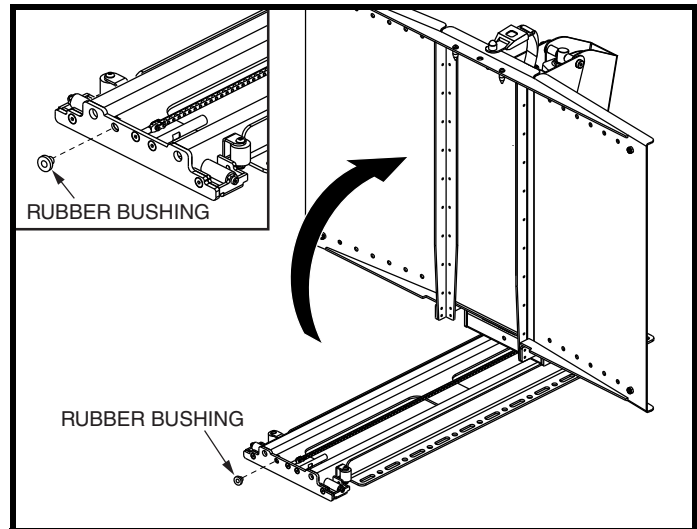


Figure 2. Rubber Bushing Location/Installation

III. INSTALLATION

Follow these steps to route the Backpacker wiring harness:

1. Route the lift system wiring harness (starting at the lift) through the interior of the vehicle until you reach the vehicle battery. See figure 3.



WARNING! Avoid routing the wire harness where it will interfere with or become pinched by the securement system.

2. Conceal the harness behind or under the interior panels (there should be existing holes). Be certain that the harness is protected with a rubber grommet when passing it through the metal panels and into the engine compartment.
3. Inside the engine compartment, secure the harness to the firewall and the inner fender with plastic wire ties. Use care not to cause abrasions to the wiring harness. It is important to secure the wiring harness at various points along its run of the vehicle.



WARNING! Do not cut or shorten the wiring harness. If the harness is too long, coil the excess wire and secure it with plastic wire ties.

4. Remove the 15-amp fuse from the wiring harness. See figure 3.
5. Connect the red wire to the positive (+) terminal and the black (grounding) wire to the negative (-) terminal of the vehicle battery.
6. Reinstall the 15-amp fuse to the wiring harness.



WARNING! Before operating the lift, inspect the wiring harness for proper routing and grounding. Improper routing can cause damage to the harness, and improper grounding can cause damage to the electrical system.

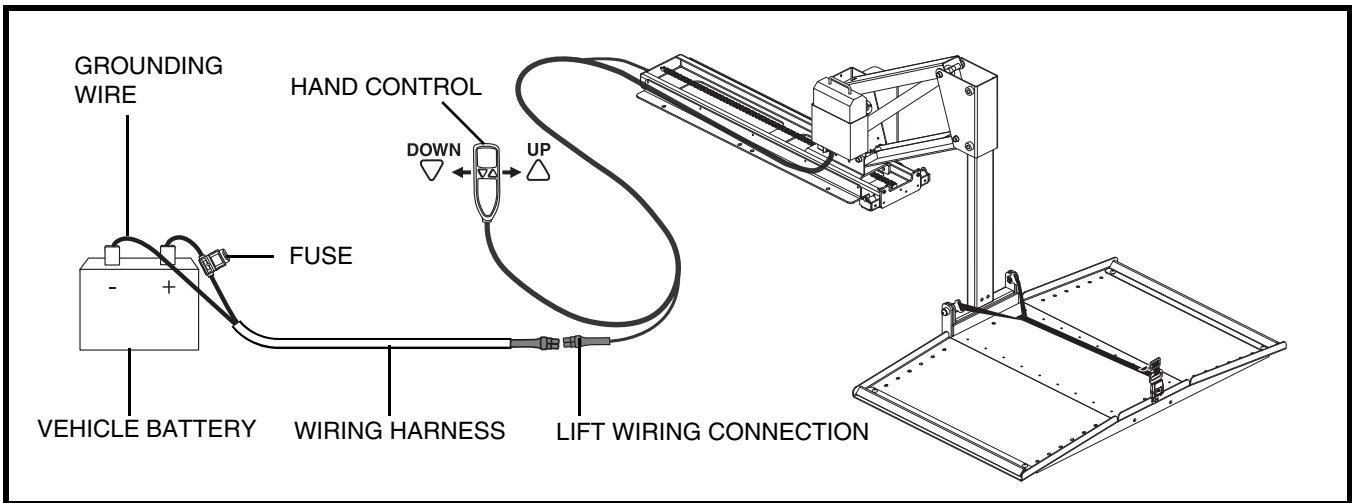


Figure 3. Wiring Harness Installation

III. INSTALLATION

Optional Onboard Battery Pack Installation

The optional onboard battery is designed for easy installation as it does not require wires to be routed through or under the vehicle. If using the optional Type II onboard battery pack, please refer to the manual supplied with the pack for proper operating instructions and harness connections.

Follow these steps to install the onboard battery (Type I):

1. Remove the nuts and washers from the protruding bolts on the side of the lift motor housing. See **figure 4**.
2. Slide the spacer bar onto the protruding bolts, if not already installed.
3. Mount the battery case onto the protruding bolts and secure into position with the nuts and rubber caps removed earlier. See **figure 4**.
4. Insert the onboard battery into the battery case, making sure that the connector on the bottom of the battery aligns and fully connects with the mating connector inside the battery case.
5. Connect the male connector on the battery cable to the female connector at the base of the Backpacker.
6. Secure the battery cable to the other cables with wire ties.

Follow these steps to install the onboard battery (Type II):

1. Remove the rubber caps, nuts, and spacer bar from the protruding bolts on the side of the lift motor housing. See **figure 5**.
2. Mount the battery pack base onto the protruding bolts and secure into position with the nuts removed earlier. See **figure 5**.
3. Insert the onboard battery into the battery pack base, making sure that the connector on the bottom of the battery aligns and fully connects with the mating connector inside the battery pack base.
4. Connect the male connector on the battery cable to the female connector at the base of the Backpacker.
5. Secure the battery cable to the other cables with wire ties.

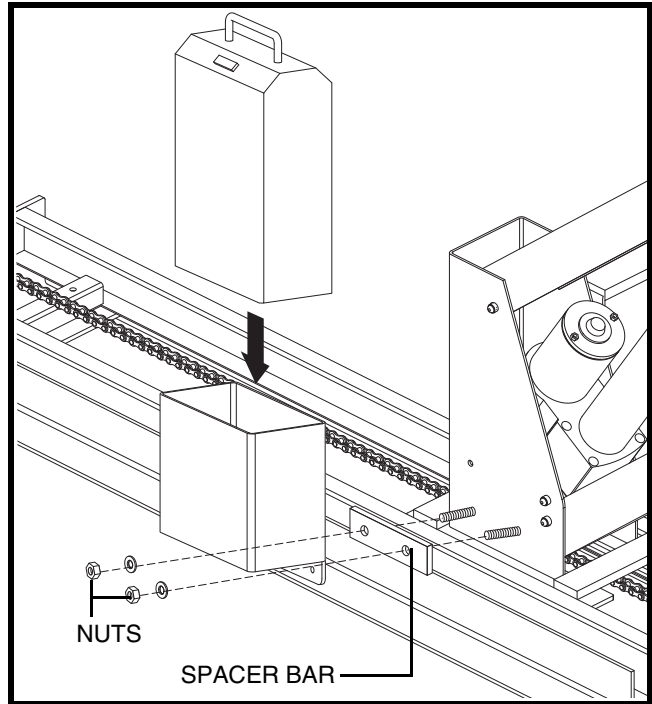


Figure 4. Onboard Battery Installation (Type I)

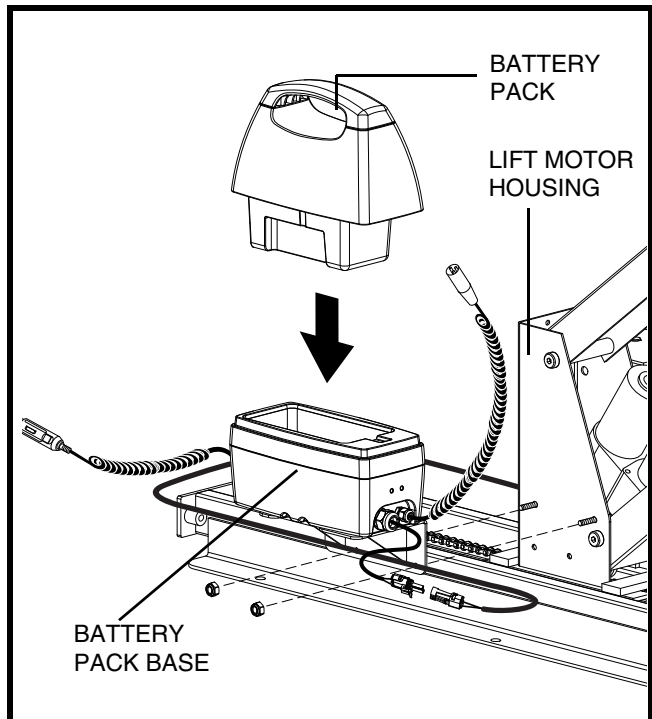


Figure 5. Onboard Battery Installation (Type II)

III. INSTALLATION

Backpacker AVP Platform Adjustment

The Backpacker AVP is equipped with an adjustable platform that can be lengthened or shortened to accommodate a wide range of mobility devices. See figure 6.

Follow these steps to adjust the platform:

1. Remove the nuts and bolts that secure the adjustable wings to the main platform.
2. Move the adjustable wings to the desired width.
3. Align the adjustment holes of the wings with the holes of the main platform.
4. Reinstall the nuts and bolts, and tighten.

Wheel Chock Installation

Your lift is supplied with two adjustable wheel chocks that aid in centering your mobility device during loading. See figure 7.

Follow these steps to adjust the wheel chocks:

1. Remove the wheel chocks.
2. Drive your mobility device onto the lift platform, positioning it as near to the center as possible.
3. Position the wheel chocks on the platform.
Scooters: Place a wheel chock in front of the front wheel(s) and behind the rear wheels or behind the front wheel(s) and in front of the rear wheels.
Power chairs: Place a wheel chock in front of the drive wheels and behind the drive wheels.
4. Take note of the adjustment holes the wheel chocks align with on the platform and remove the chocks.

NOTE: For larger scooters, the wheel chocks may be positioned to the inside of each wheel.

5. Remove the mobility device from the lift platform.
6. Raise the platform high enough to be able to install hardware from beneath it.
7. Place the wheel chocks onto the lift platform and secure them with the supplied bolts and nuts.

NOTE: Make sure the mobility device is properly secured with the Y-strap before operating the lift or transporting the mobility device.

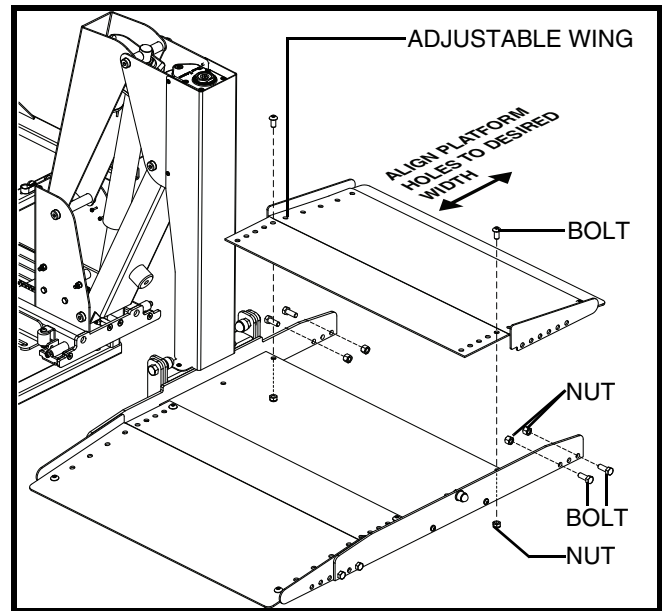


Figure 6. Backpacker AVP Platform Adjustment

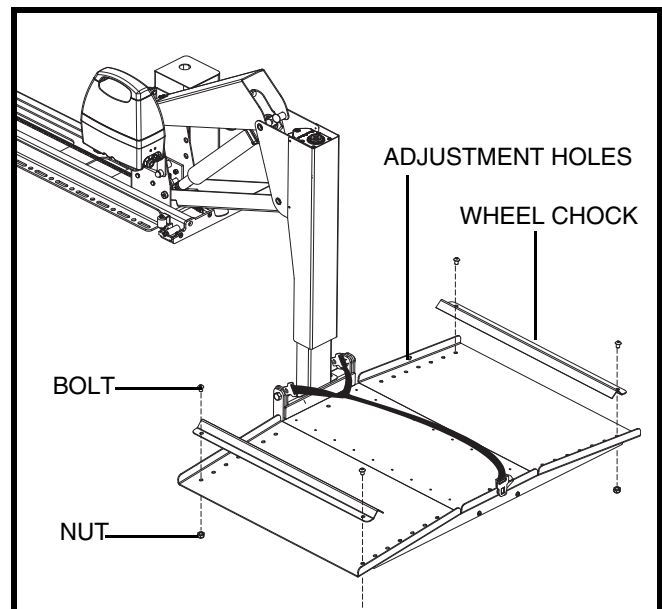


Figure 7. Wheel Chock Installation

IV. OPERATION

BACKPACKER LIFT SYSTEM OPERATION

The Backpacker Lift System is designed to lift an unoccupied mobility device from the ground into the cargo area of an SUV or full-sized/mini van for the purpose of easy transport.



WARNING! The Backpacker Lift System is intended for the transport of unoccupied mobility devices only. Do not sit on the mobility device while activating the lift or during transport.

WARNING! Make sure the lift system is clean, dry, and free of obstructions before operating.

Follow these steps to load a mobility device with the Backpacker Lift System:

1. Press and hold the “DOWN” button. See figure 8. The lift will move out of the vehicle to its farthest forward stop, then lower to the ground. Once the platform has reached the ground, release the “DOWN” button.



WARNING! Release the “DOWN” button when the lift platform touches the ground. Do not allow the motor to run after the lift platform has touched the ground. Allowing the motor to run will increase the pressure on the lift platform and may result in product or vehicle damage.

NOTE: The lift motor is equipped with a slip clutch, which emits a ratcheting noise at the end of each horizontal (in and out) movement. This sound is normal and does not indicate a problem with your lift system.



WARNING! Maintain a safe distance from the lift platform. Ensure your feet are not positioned under the lift platform and keep your hands clear of the lift system during operation.

2. Set the speed control to the slowest setting and carefully drive the mobility device onto the lift platform, being sure to center the mobility device between the previously installed wheel chocks.

NOTE: You may wish to load the mobility device while standing next to it using the manual freewheel feature. Refer to the mobility device owner’s manual for more information on manual freewheel mode.

3. Shut down the power to the mobility device, remove the key if applicable, and make sure the unit is in drive mode (drive motors engaged). Refer to the mobility device owner’s manual for more information on drive mode.

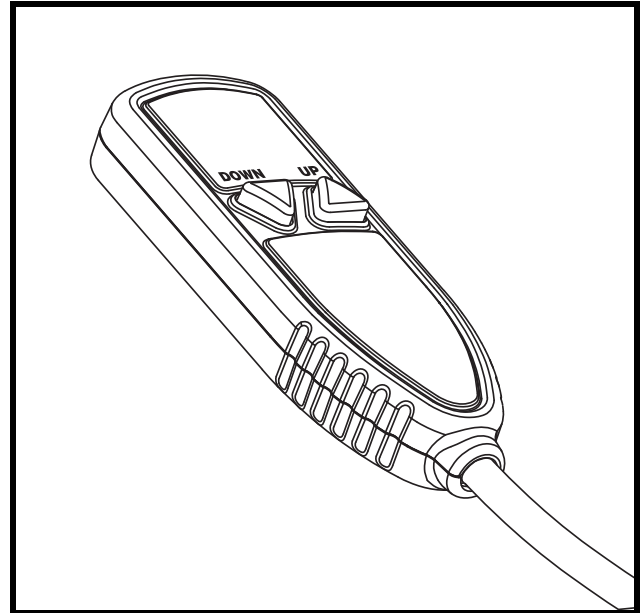


Figure 8. Hand Control

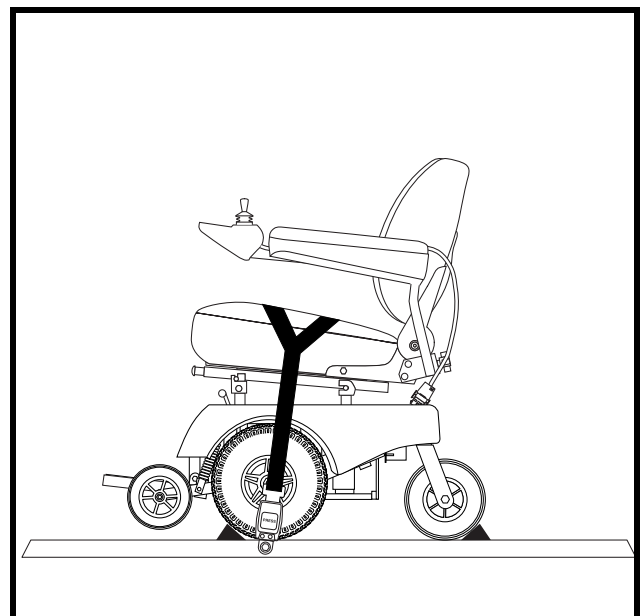


Figure 9. Y-Strap Positioning

IV. OPERATION



WARNING! Never leave a mobility device in freewheel mode during lift system transport, as the mobility device could roll or shift on its own.

4. Secure the mobility device to the platform by draping the Y-strap over the seat and buckling the strap securely. See figure 9.



WARNING! Ensure the area behind the lift is clear of obstructions.



WARNING! Never attempt to secure the Y-strap over the seatback or armrests of the mobility device.



MANDATORY! Always secure the mobility device to the lift with the Y-strap before lift system operation or vehicle transport.

5. Pull the end of the strap tightly to remove any excess slack over the seat.

NOTE: *Inspect the Y-strap before each use to ensure there are no signs of fraying or wear. Ensure that the mobility device is secured properly before transport. Pride is not liable for damage or loss resulting from improper securing of a mobility device.*

6. Press and hold the “UP” button. See figure 8. The lift will move up to its highest lift point, then slide into the SUV or van. Once the mobility device is stowed completely within the vehicle, release the button.

NOTE: *Ensure that the SUV or van has enough headroom to accommodate the height of the mobility device before loading it into the vehicle. Lower the tiller, adjust the seatback angle, or remove the seat if necessary. Refer to the mobility device owner’s manual for more information on these adjustments.*



WARNING! Do not exceed the load limits of your vehicle as specified by the vehicle manufacturer.

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

When you are ready to remove the mobility device from the vehicle, lower the platform to the ground, unfasten the Y-strap, and drive the mobility device off of the platform. Once unloading is complete, return the lift platform into the vehicle.

IV. OPERATION

MANUAL OVERRIDE OPERATION

The lift is equipped with a manual override feature that, in the event of a power failure, allows the lift to be manually positioned. Using the supplied tools, it is possible to elevate or lower the platform (Backpacker MV only), raise or lower the tower arm, and move the lift forward or backward.

NOTE: The tools needed for manual operation are included with the lift system. (Drill not included.)

The Backpacker MV lift platform can be raised/lowered from two different adjustment points located at the top of the lift. The larger (front) adjustment opening (see figure 10) requires more energy but less revolutions to raise/lower the platform, while the smaller (rear) adjustment opening (see figure 10A) needs less energy but more revolutions.

NOTE: Some MV lifts have only a single adjustment opening on the motor. See figure 10 B.



PROHIBITED! DO NOT use the flex-shaft when manually raising or lowering the lift platform while using the method illustrated in figure 10. Attach the needed hardware directly to the drill.

PROHIBITED! Never manually move the lift backward with the lift platform in the lowered position. Ensure the lift platform is fully raised and the tower arm is completely retracted. See figure 12.

To operate the manual override:

1. Secure the appropriate end of the flex-shaft to a drill, and depending on which part of the lift you want to move, attach the appropriate hardware to the other end of the flex-shaft. See figures 10, 10A, 10B, 11, and 12.
2. Insert the flex-shaft into the appropriate adjustment opening of the lift.
3. Operate the drill to ensure the lift is moving in the desired direction. Change the spin direction of the drill if needed.
4. Operate the drill until the lift reaches the desired position.

NOTE: When a power drill is not available, the manual adjustment wrench can be used. See figure 13. Attach the small opening of the manual adjustment wrench to the flex-shaft or hex hardware and rotate manually in the direction in which you want the lift to move.

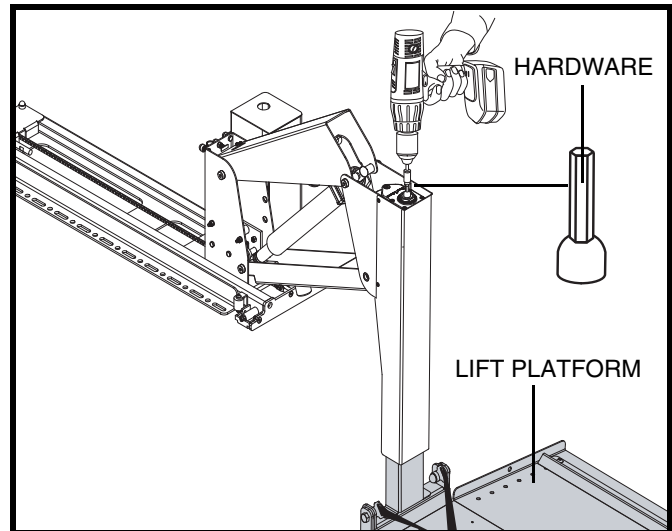


Figure 10. Raise Or Lower The Platform. DO NOT Use The Flex-Shaft For This Operation (Backpacker MV ONLY)

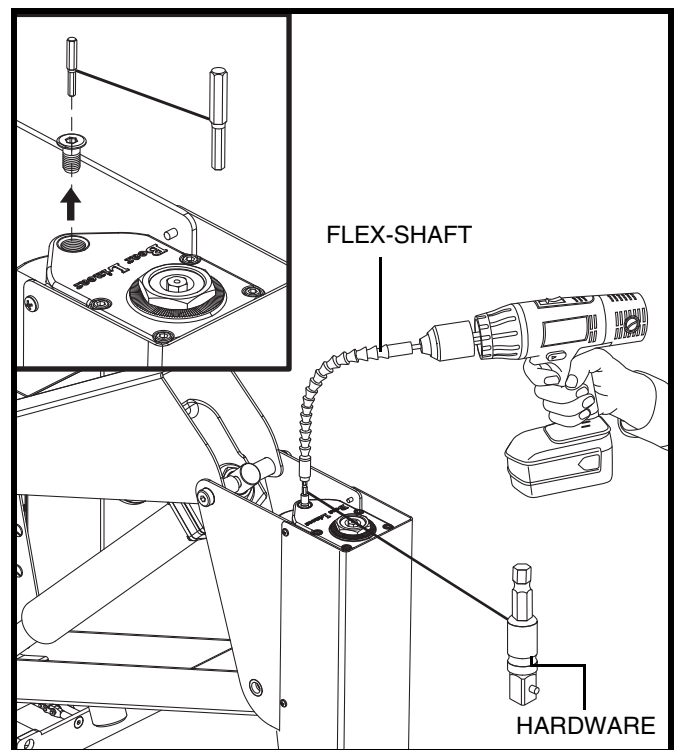


Figure 10A. Raise Or Lower The Platform (Remove Screw To Expose The Adjustment Opening) Backpacker MV ONLY

IV. OPERATION

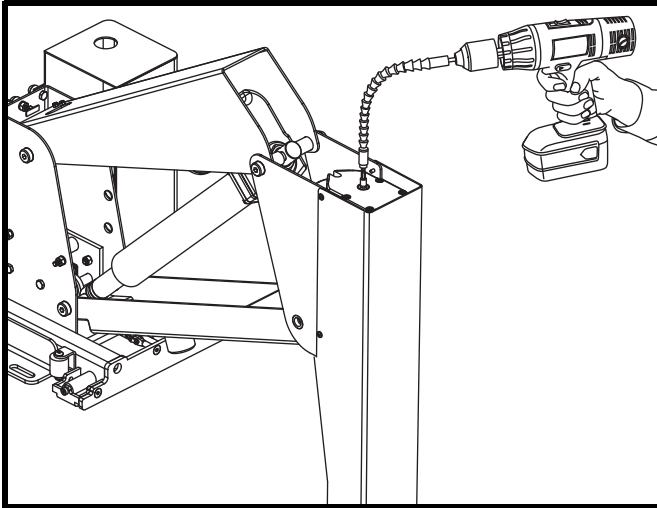


Figure 10B. Raise Or Lower The Platform (Single Adjustment Opening) Backpacker MV ONLY

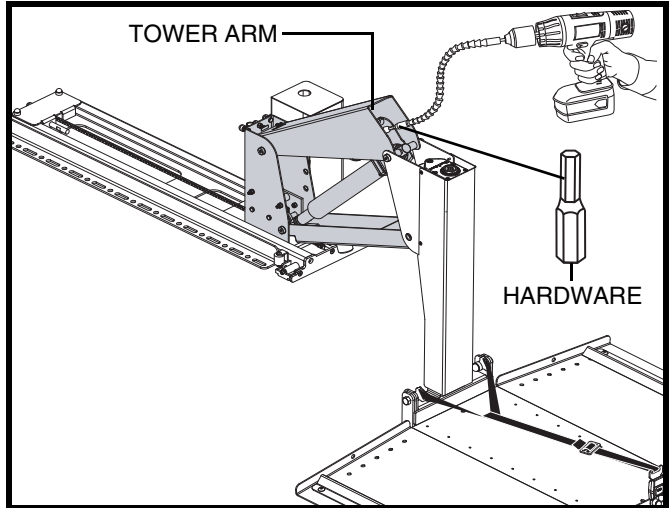


Figure 11. Raise Or Lower The Tower Arm

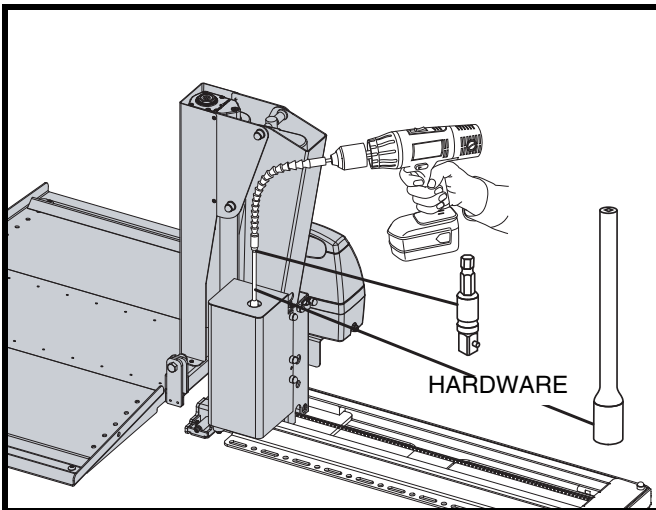
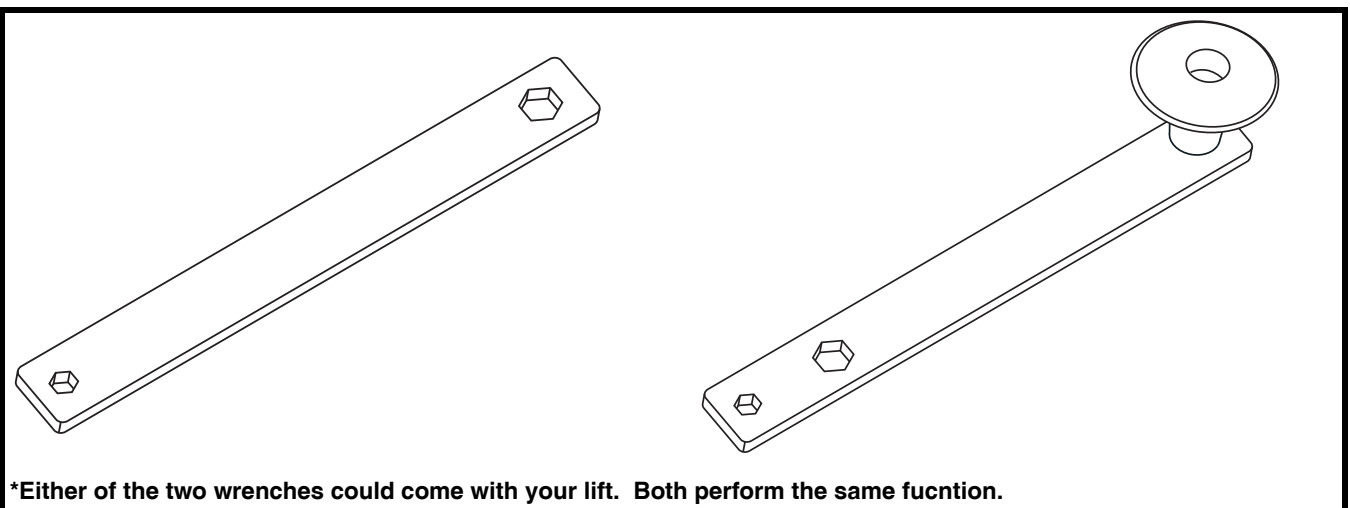


Figure 12. Front-To-Back Movement



***Either of the two wrenches could come with your lift. Both perform the same function.**

Figure 13. Manual Adjustment Wrench

V. CARE AND MAINTENANCE

CARE AND MAINTENANCE

Your lift system requires a minimal amount of care and maintenance. If you do not feel confident in your ability to perform the maintenance listed below, you may schedule inspection and maintenance at your authorized Silver Star Provider. The following areas require periodic inspection and/or care and maintenance. Failure to perform the required maintenance procedures at the required intervals may void your warranty.

Wiring Harness and Hand Control

- The wiring harness should be checked periodically for corrosion and/or decay. Contact your authorized Silver Star Provider if the wiring harness needs to be replaced.
- Avoid leaving the hand control in areas where it will be exposed to inclement weather or temperature extremes. Exposure to the elements may cause damage to the hand control.



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

Lift Platform/Metal Components

- Check the lift platform for wear or damage. Contact your authorized Silver Star Provider for repair or replacement.
- The lift platform surface may become slippery if exposed to moisture (ice, snow, rain, mist/spray conditions, etc.). Use caution when loading/unloading a mobility device in these conditions and wipe off any excess moisture from the lift platform.
- Regularly inspect the metal lift components for scratches. Treat any problem areas with a rust inhibitor or metal sealant.

MAINTENANCE SCHEDULE:

Perform prior to daily use:

- Inspect all external electrical connectors for damage and replace if necessary.
- Check for damaged or loose hardware. Tighten or replace if necessary.

Perform every 6 months:

- Inspect all mounting hardware for defects and a secure fit. Any loose hardware should be tightened or replaced if necessary.
- Remove and inspect the pivot bolts on the parallel arms and lubricate or replace as necessary.

NOTE: Use only “petroleum-based anti-seize lubricant.”

Perform every 6 – 12 months:

- Lubricate chains with “general purpose petroleum-based grease.”
- Lubricate the truck drive shaft with “petroleum-based anti-seize lubricant” only.
- Inspect the base rollers and replace as necessary.
- If base rollers were replaced, readjust the elevator bolt for proper alignment of parallel arms.
- Inspect chain for proper tension and adjust as necessary.

NOTE: The chain should have a 1/2 in. (1.27 cm) of deflection in either direction when the truck is fully extended contacting the front microswitch.

VI. TROUBLESHOOTING

TROUBLESHOOTING

Any electromechanical device occasionally requires some troubleshooting. However, most of the problems that may arise can usually be solved with a bit of thought and common sense. Many of these problems occur because the batteries are not fully charged or because the batteries are worn down and can no longer hold a charge.

What if the motor on my lift system will not operate?

- Make sure the onboard battery or vehicle battery is fully charged.
- Make sure all connections to the motor and battery are secure.
- Check the wiring harness for signs of wear or decay. Replace the harness if necessary.

What if the lift system operates slowly up or down?

- Make sure the onboard battery or vehicle battery is fully charged.
- Make sure all connections to the motor and battery are secure.
- Check the wiring harness for signs of wear or decay. Replace the harness if necessary.

What if the lift platform does not lower completely to the ground?

Check to make sure that the area under the lift platform is free from obstructions.

VII. WARRANTY

THREE-YEAR TRANSFERABLE LIMITED WARRANTY

For three (3) years from the date of purchase, Pride Mobility Products will repair or replace at our option, free of charge, any mechanical or electrical component found upon examination by an authorized representative of Pride to be defective in material and/or workmanship.

This warranty does not extend to those items, which may require replacement due to normal wear and tear.

- Labor, service calls, shipping, and other charges incurred for repair of the product, unless specifically authorized by Pride Mobility Products Corporation IN ADVANCE, are excluded.

Exclusions also include components with damage caused by:

- Contamination
- Abuse, misuse, accident, or negligence
- Battery fluid spillage or leakage
- Commercial use, or use other than normal
- Improper operation, maintenance, or storage
- Repairs and/or modifications made to any part without specific consent from Pride Mobility Products Corporation.
- Circumstances beyond the control of Pride

Pride cannot be held responsible for any defects in the motor vehicle in which the lift system is installed, defects in the lift system and/or securement system caused by defects in any part of the motor vehicle, or damage to the motor vehicle caused by installation or operation of the lift system.

ONE-YEAR WARRANTY

The battery is covered by a separate one (1) year warranty provided by the battery manufacturer. The batteries are not warranted by Pride Mobility Products Corporation.

SERVICE CHECKS AND WARRANTY SERVICE

An authorized Pride Mobility Products Provider must perform warranty service. Do not return faulty parts to Pride Mobility Products without prior written authorization. All transportation costs and shipping damage incurred while submitting parts for repair or replacement is the responsibility of the purchaser.

Failure to follow the instructions, warnings, and notes in the owner's manual and those located on your Pride lift product can result in personal injury or product damage and will void Pride's product warranty.

There is no other express warranty.

IMPLIED WARRANTIES

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 of limitation incidental or consequential damages. 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 product registration card to Pride Mobility Products. This will aid Pride in providing the best possible technical and customer service.

APPENDIX I - SPECIFICATIONS

Lift System Dimensions Overall Base Rail Length	43.5 in. (110.49 cm)
Overall Base Rail Width (excluding platform)	11.5 in. (29.21 cm)
Overall Height	Backpacker MV and AVP: 30.75 in. (78.10 cm) Backpacker Plus : 35 in. (88.9 cm)
Platform Width	Backpacker AVP: Adjustable from 42 in. (106.68 cm) to 34 in. (86.36 cm) Backpacker Plus and MV: 44 in. (111.76 cm), 41 in. (104 cm) usable surface
Platform Depth	28.25 in. (71.75 cm)
Total Lift System Weight	Backpacker Plus: 175 lbs. (79.37 kg) including standard platform Backpacker MV and AVP: 193 lbs. (87.54 kg) including standard platform
Maximum Lift Capacity	350 lbs. (158 kg)
Mobility Device Dimensions	Length (from center of front wheel to center of rear wheel): 41 in. (104 cm) ³ Height: 34 in. (86.36 cm) ¹ Width: 27 in. (68.58 cm)
Maximum Lift Travel Distance	Backpacker Plus: 25 in. (63.5 cm) vehicle floor to ground Backpacker MV and AVP: 37 in. (94 cm) vehicle floor to ground
Motor	Fully sealed, 12-volt DC
Onboard Battery (Type I) BATASMB1030	Battery: 12-volt, 18 Ah Weight: 12 lbs. (5.44 kg) Charger: 110-volt, off-board ²
Onboard Battery (Type II) BATASMB1049	Battery: 12-volt, 8 Ah Weight With Integrated Battery Charger: 10.5 lbs. (4.8 kg)

¹ Depending on vehicle dimensions.

² Use the supplied charger only.

³ Overall length of your mobility device will vary. Verify that the unit's wheelbase is equal to or less than 41 in. (104 cm) prior to operation. In addition, verify that the overall length of your mobility device will fit into the rear of your vehicle before stowing.

All specifications subject to change without notice.

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Silver Star® **Lifts & Ramps**

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