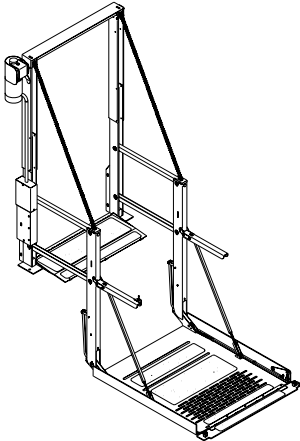


This manual provides operating and maintenance instructions for the Vantage Mobility International (VMI) UNI-lite Private Use wheelchair lift. The wheelchair lift provides wheelchair access to personal vans. With its lightweight aluminum alloy construction it has little effect on vehicle handling. The lift is designed to be operated by a person in a wheelchair, or by an attendant. The unique, adjustable post design means that a UNI-lite fits standard and raised doors of most full-size vans and some minivans. The lift can be installed in either the side door or the rear door. The large non-skid platform accommodates most wheelchairs, yet intrudes very little into interior space. The UNI-lite lifts up to 600 pounds (273 kilograms).



Standard features of the UNI-lite are an auxiliary control switch mounted on switch arm, a powerful electric motor, gear reduction drive, and a powered outer rollstop. The UNI-lite also contains a built-in manual backup system.

This manual contains operation and maintenance instructions for the UNI-lite. It is important that operators be completely familiar with the Operating Instructions chapter of this manual. For installation instructions and spare parts, please refer to the service manual 32DULP04. Once the UNI-lite is installed, it is important that the lift be properly maintained by following the recommended cleaning, lubrication, and inspection procedures.

If there are questions about this manual or additional copies are needed, please contact VMI Product Support at one of the following locations:

A. VMI SERVICE SUPPORT

If there are questions regarding this manual, or you need additional copies, please contact VMI Service Support at the following location:

VMI
5202 S. 28th Place
Phoenix, AZ 85040(602) 243-2700
Outside 602 Area Code(800) 348-8267
World Wide Website www.vantagemobility.com

B. VMI FIVE-YEAR LIMITED WARRANTY

VMI CORPORATION UNI-lite FIVE-YEAR LIMITED WARRANTY

Vantage Mobility International (VMI) warrants to original purchaser of this product that VMI will repair or replace, at its option, any part that fails due to defective material or workmanship as follows:

- Repair or replace lift power train parts for a period of five years from the date of purchase. A list of parts covered can be obtained from your authorized VMI dealer.
- Labor costs for specified parts replace under this warranty for a period of one year from the date of purchase. A VMI rate schedule determines the parts covered and labor allowed.
- Repair or replace parts for a period of one year from the date of purchase.

If you need to return a product: Return this VMI product to your installing dealer. Please give as much advance notice as possible, and allow a reasonable amount of time for repairs.

If you are traveling: All authorized VMI dealers honor this warranty. Consult telephone directory or call our Product Support department for the name of nearest authorized VMI dealer.

This warranty does not cover: Malfunction or damage to product parts caused by accident, misuse, lack of proper maintenance, neglect, improper adjustment, modification, alteration, the mechanical condition of vehicle, road hazards, overloading, failure to follow operating instructions, or acts of nature (i.e., weather, lightning, flood).

Note: VMI recommends that this product be inspected by an authorized VMI service technician at least once every six months, or sooner if necessary. Any required maintenance should be performed at that time.



WARNING

THIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED TO EXACT SPECIFICATIONS.
MODIFICATION OF THIS PRODUCT IN ANY RESPECT CAN BE HAZARDOUS.

This warranty is void if:

- The product has been installed or maintained by someone other than an authorized VMI service technician.
- The product has been modified or altered in any respect from its original design without written authorization by VMI.

VMI disclaims liability for any personal injury or property damage that results from operation of a VMI product that has been modified from the original VMI design. No person or company is authorized to change the design of this VMI product without written authorization by VMI.

Ricon's obligation under this warranty is exclusively limited to the repair or exchange of parts that fail within the applicable warranty period.

VMI assumes no responsibility for expenses or damages, including incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply.

Important: The warranty registration card must be completed and returned to VMI within 20 days after installation of this VMI product to validate the warranty. The warranty is not transferable.

The warranty gives specific legal rights, and there may be other rights that vary from state to state.

C. SHIPMENT INFORMATION

VMI does not sell directly to the user because of the specialized nature of the product. Instead, the product is distributed through the worldwide network of authorized VMI dealers, who perform the actual installation.

- When the product is received, unpack the product and check for freight damage. Claims for any damage should be made to the freight carrier immediately.
- Be sure the installation kit contains all items listed on the kit packing list. Please report any missing items immediately to the VMI Product Support department. The warranty and owner registration cards must be completed and returned to VMI within 20 days to validate the warranty.

NOTE: Sales or Service personnel must review the Warranty and this Operator Manual with the user to be certain they understand how to safely operate the product. Instruct the user to follow the operating instructions without exception.

D. GENERAL SAFETY PRECAUTIONS

The following general safety precautions must be followed during operation:

- To avoid injury, always exercise caution when operating and be certain that hands, feet, legs, and clothing are not in path of product movement.
- Read and thoroughly understand operating instructions before attempting to operate.
- Inspect product before each use. If an unsafe condition, unusual noises, or movements are present, do not use it until problem is corrected.
- Stand clear of doors and platform and keep others clear during operation.
- The product requires regular periodic maintenance. A thorough inspection is recommended at least once every six months. The product should be maintained at the highest level of performance.

E. MAJOR LIFT COMPONENTS

The references used throughout this manual are illustrated in **Figure 1-1** and defined in **Table 1-1**. Refer to Service Manual, Chapter IV "Parts Diagrams and Lists" for more detail.

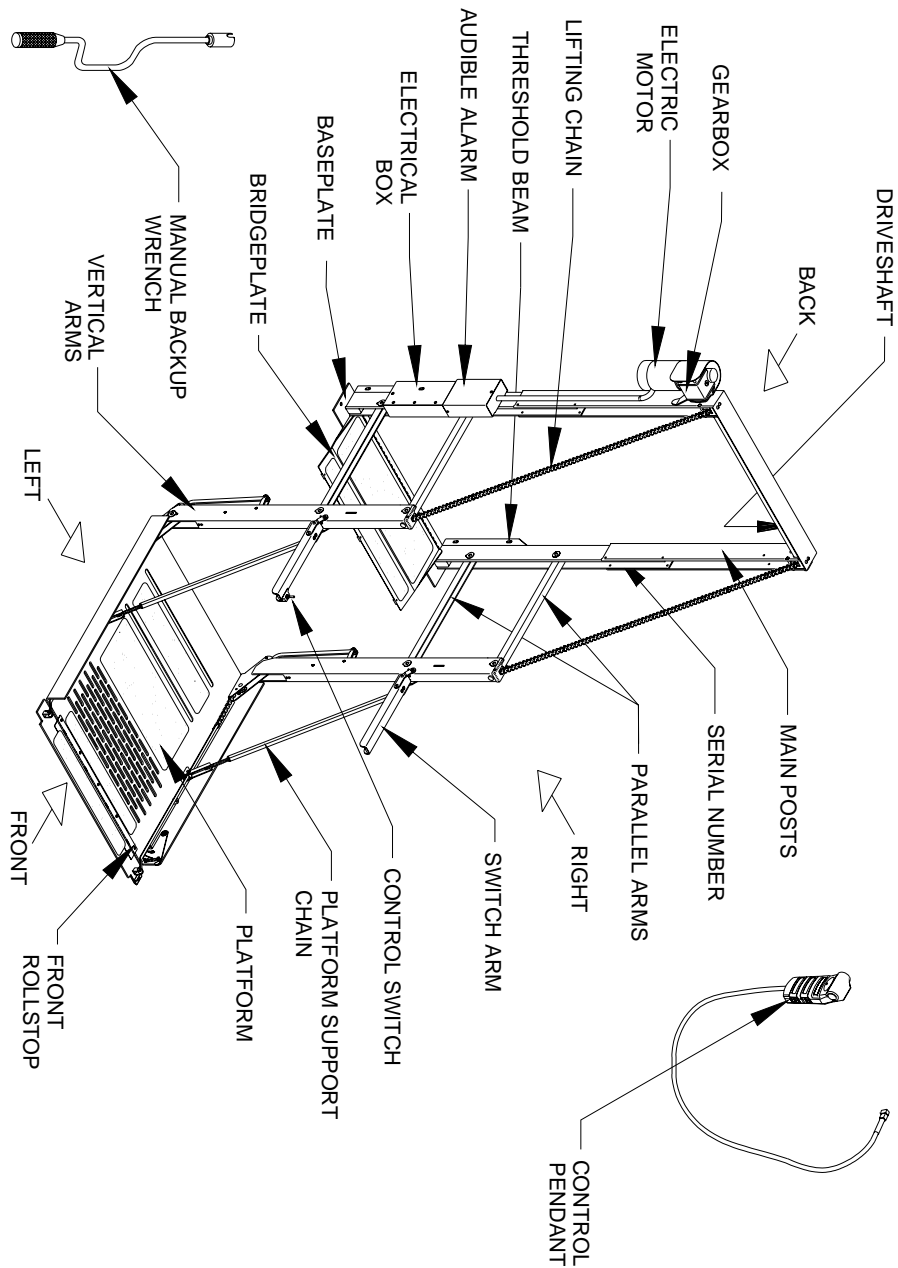


FIGURE 1-1: UNI-lite PERSONAL USE WHEELCHAIR LIFT

TABLE 1-1: UNI-lite PERSONAL USE LIFT TERMINOLOGY	
NAME	DESCRIPTION
Front, Back, Left, Right	Reference points from outside the vehicle looking inward at installed lift.
Audible alarm	(inside electrical box) Announces when something has passed over threshold. Activated by threshold beam.
Baseplate	Bolts to vehicle floor; provides secure foundation for lift structure.
Bridgeplate	Pivots on baseplate and bridges gap between platform and baseplate when platform is at floor level.
Control pendant	Hand-held pendant containing switches used to control platform motions.
Control switch	Allows passenger to control "Up" and "Down" platform motions.
Driveshaft	Sprockets on driveshaft engage lifting chains, which raise and lower platform.
Electrical box	Contains lift controller and electric circuit breakers.
Electric motor and gearbox	12VDC motor and gearbox rotate driveshaft to close rollstop, and raise and fold platform.
Front rollstop	Front barrier prevents wheelchair from inadvertently rolling off of platform during platform movement.
Lifting chain	(left and right) Moved by electric motor. Chains raise and lower platform and open and close rollstop.
Main post	(left and right) Vertical support posts are rigidly attached to vehicle at bottom and top.
Manual backup wrench	Use this wrench to manually raise platform if electrical power is not available.
Parallel arms	(left and right) Upper and lower arms connect main posts to vertical posts.
Platform	Component of lift where wheelchair and occupant are situated during "Up" and "Down" motions.
Platform support chain	Supports platform in horizontal position.
Serial number	Location of serial number decal on outside of right main post.
Switch arm	(left and right) One arm supports control switch; both arms provide a handhold for passenger.
Threshold beam	Light-beams detect presence of objects in threshold area. Part of Threshold Warning System.
Vertical arm	(left and right) Connect platform to parallel arms; support handrails.
END OF TABLE	

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