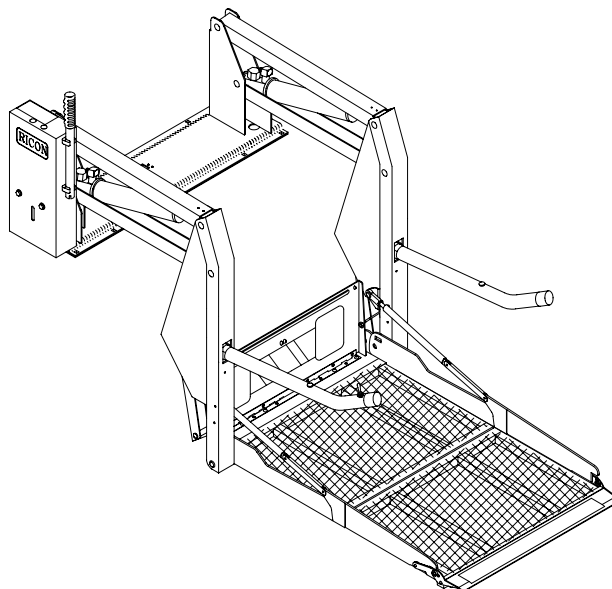


I. INTRODUCTION

The RICON KlearVue™ Series wheelchair lift provides wheelchair access to vans and buses. The patented movement provides smooth, safe entry and exit, and can lift up to 800 pounds (354 kilograms). The platform is raised with a powerful electro-hydraulic pump. The pump has a built-in manual backup pump, so that it can be raised or lowered manually.



By using the lift control switches, the platform is unfolded from the vehicle (deployed). The passenger boards the large non-skid platform and the operator uses the control switches to gently lower the platform to the ground. After the passenger departs, the platform is raised and folded into the vehicle (stowed). The lift platform splits and folds horizontally when stowed.

This manual contains operation and maintenance instructions and a troubleshooting guide for the lift. It is important to user safety that the lift operators be completely familiar with the Operating Instructions chapter of the operator manual (32DSS101). Once the lift is installed, it is very important that the lift be properly maintained by following the Ricon recommended cleaning, lubrication, and inspection instructions.

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

Ricon Corporation
7900 Nelson Road
Panorama City, CA 91402(818) 267-3000
Outside (818) Area Code(800) 322-2884
World Wide Website www.riconcorp.com

Ricon U.K. Ltd.
Littlemoss Business Park, Littlemoss Road
Droylsden, Manchester
United Kingdom, M43 7EF(+44) 161 301 6000

RICON CORPORATION FIVE-YEAR LIMITED WARRANTY

Ricon Corporation (Ricon) warrants to the original purchaser of this product that Ricon will repair or replace at its option any parts that fail because of defective material or workmanship as follows:

- Repair or replace parts for a period of one year starting from the date of purchase. A complete list of parts covered by this warranty can be obtained from an authorized Ricon dealer or qualified service technician.
- Labor costs for specified parts replaced under this warranty for a period of one year from the date put into service. A Ricon rate schedule determines parts covered and labor allowed.
- Repair or replace lift power train parts for a period of five years from date of purchase. A complete list of parts covered can be obtained from your authorized Ricon dealer or qualified service technician.

If You Need to Return a Product: Return this Ricon product to your installing dealer or to Ricon. Please give as much advance notice as possible, and allow a reasonable amount of time for repairs.

If you are traveling: All authorized Ricon dealers honor this warranty. Consult the telephone directory or call our Product Support department for the name of the nearest authorized Ricon 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 the vehicle, road hazards, overloading, failure to follow operating instructions, or acts of nature (i.e., weather, lightning, flood).

NOTE: Ricon recommends this product be inspected by an authorized Ricon dealer or qualified service technician once every six months or sooner, if necessary. Any required maintenance or repair should be performed at that time.

This Warranty Is Void If:



WARNING

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

- The product has been installed or maintained by someone other than a Ricon dealer or a qualified service technician.
- The product has been modified or altered in any respect from its original design without written authorization by Ricon.

Ricon disclaims liability for any personal injury or property damage that results from operation of a Ricon product that has been modified from the original Ricon design. No person or company is authorized to change the design of this Ricon product without written authorization by Ricon. Ricon's obligation under this warranty is exclusively limited to the repair or exchange of parts that fail within the applicable warranty period.

Ricon 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 Ricon within twenty days after installation of this Ricon product for the warranty to be valid. The warranty is not transferable.

The warranty gives specific legal rights. There may be other rights that vary from state to state.

A. SERVICE TECHNICIAN INFORMATION

Because of the specialized nature of this product, Ricon does not sell directly to the user. Instead, the product is distributed through the worldwide network of authorized Ricon dealer or qualified Service Technicians, 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 carrier immediately.
- Be sure the installation kit contains all the items listed on the kit packing list. **Please report any missing items Immediately to the Ricon Product Support Document.** The warranty and owner's registration cards must be completed and returned to Ricon within 20 days to validate the warranty.

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

B. GENERAL SAFETY PRECAUTIONS

The following general safety precautions must be followed during installation, operation, service, and maintenance:

- Under no circumstances should installation, maintenance, repair, and adjustments be attempted without the immediate presence of a person capable of rendering aid.
- An injury, no matter how slight, must be attended to. Administer first aid or seek medical attention immediately.
- Protective eyeshields and appropriate clothing should be worn at all times.
- To avoid injury, exercise caution when operating lift and be certain that hands, feet, legs, and clothing are not in the path of platform movement.
- Batteries contain acid that can burn. If acid comes in contact with skin, immediately flush affected area with water and wash with soap.
- Always work in a properly ventilated area. Do not smoke or use an open flame near battery.
- Do not lay anything metallic on top of battery.
- Check under vehicle before drilling to avoid drilling into frame, subframe members, wiring, hydraulic lines, fuel lines, fuel tank, etc.
- Read and thoroughly understand the operating instructions before operating lift.
- Inspect the lift before each use. If an unsafe condition, unusual noises or movements exist, do not use lift until the problem is corrected.
- Never load or stand on the platform until the installation is complete. Upon completion of installation, test load the lift mounting integrity at 125% of its rated load capacity.
- Stand clear of doors and platform and keep others clear during operation.
- The product requires regular maintenance. A thorough inspection is recommended at least every six months. The lift must always be maintained at the highest level of performance.

C. PRODUCT TERMINOLOGY

The references used throughout this manual are illustrated in Figure 1-1 and defined in Table 1-1. Refer to Chapter IV for more details.

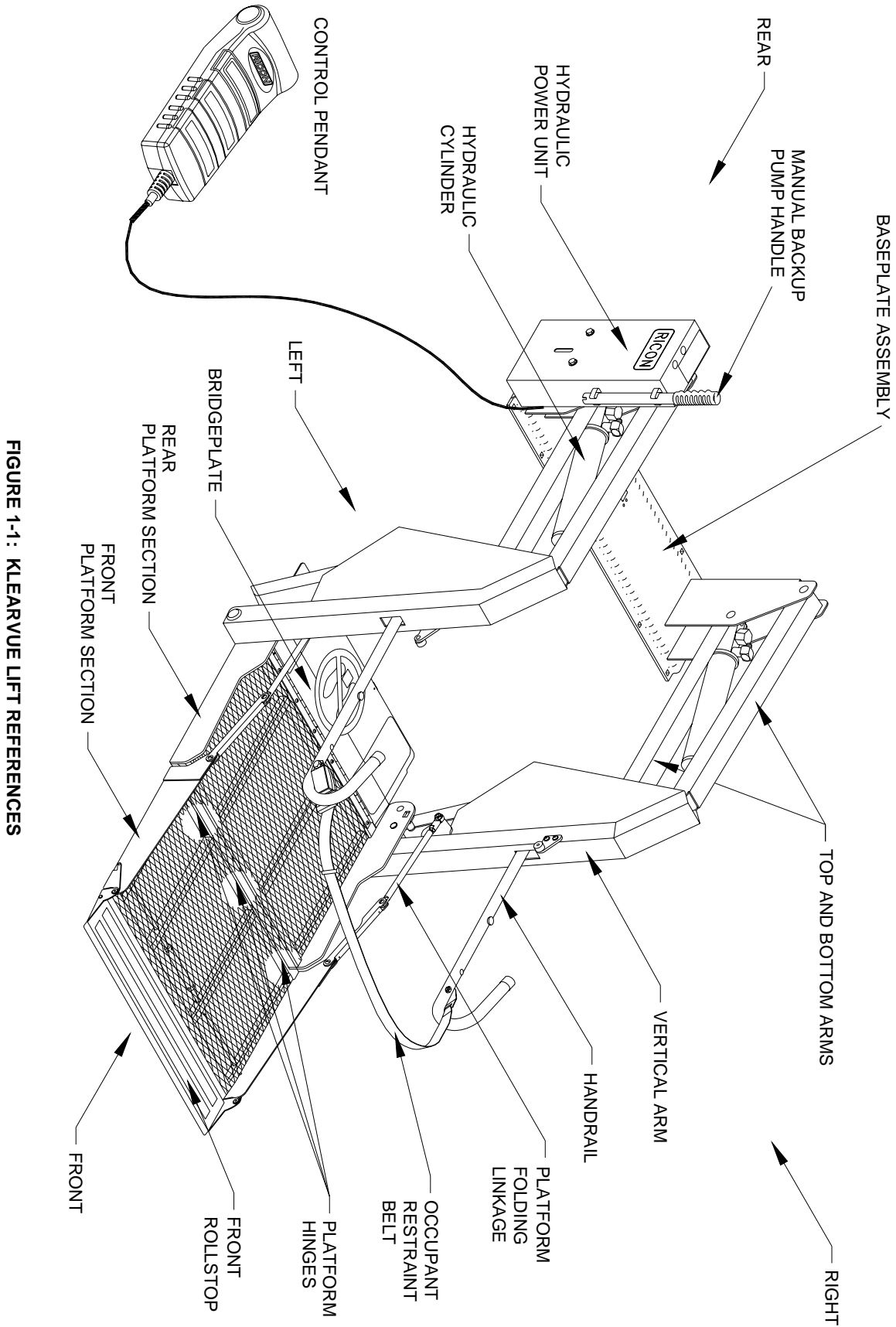


FIGURE 1-1: KLEARVUE LIFT REFERENCES

TABLE 1-1: KLEARVUE SERIES WHEELCHAIR LIFT TERMINOLOGY	
NAME	DESCRIPTION
Left	Lift references when installation is viewed from outside of vehicle.
Right	
Front	
Rear	
Top and bottom arms (left/right)	Pair of parallel links connecting vertical arm to base plate assembly.
Vertical arm (left/right)	Connects platform to top and bottom arms.
Handrail (left/right)	Provides a handhold for platform occupant.
Occupant restraint belt (K-2005 ADA model)	Electronically interlocked safety belt that helps to prevent a wheelchair from moving off of platform. Lift will not operate unless belt is properly engaged.
Front rollstop	Front barrier prevents wheelchair from slowly or inadvertently rolling off of platform during lift operation.
Front platform section	Portion of platform that unfolds during “deploy” operation and folds during “stow” operation.
Rear platform section	Fixed portion of platform with hinges along its front edge that front section pivots on.
Platform folding linkage	Folds front platform section as platform is stowed.
Platform hinges	Three hinges welded to bottom side of platform; join front and rear platform sections together.
Bridgeplate (inboard rollstop)	Plate that bridges gap between platform and lift baseplate when platform is at floor level. Also acts as a rear rollstop when platform is in motion.
Hydraulic cylinder (left/right)	Telescoping steel tube, which converts hydraulic pressure into lifting force.
Hydraulic power unit	Contains electric motor driven pump that produces hydraulic pressure to raise and fold lift, and a pressure release valve to unfold and lower it.
Control pendant	Hand-held device used to control the lift operating functions.
Manual backup pump handle	Used to operate manual back-up pump.
Baseplate assembly	Assembly that is securely bolted to the vehicle floor.
END OF TABLE	

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