



Innovation in Mobility

Activan®
Accessibility With Style™

Service/Owner Manual

This RICON product must be serviced only by authorized RICON dealers.

The owner must refer to this manual for operating instructions, then retain it for future reference by authorized RICON dealers who perform service and repairs.

This manual contains information about the RICON *Activan* features. It is not intended to replace, but rather to supplement, the vehicle manufacturers Owners Manual. For information or instructions regarding non-RICON features, refer to manufacturers' Owner's Manual.

Customer Name: _____
Installing Dealer: _____
Date Installed: _____
Serial Number: _____

REVISION RECORD

REV.	PAGE(S)	DESCRIPTION OF CHANGE	ECR/ECO
32DACT00.G 10/07/99	6-9	Revised drawing and parts list.	002881/4225
	6-22	Added part number 14071 (kit, flare, abs plastic, chr, 4dr) and corresponding figure (6-25)	
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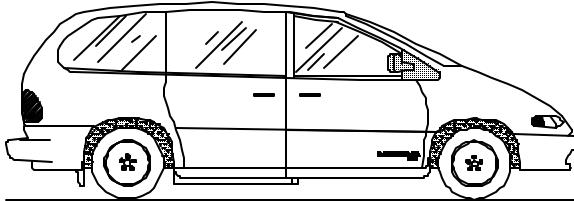
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I. INTRODUCTION

The RICON *Activan*® is a customized, lowered-floor minivan designed especially for transporting mobility-challenged individuals. With features such as a manually operated or power folding/swing-away ramp, removable seats, and power door operators, *Activan* brings accessibility and style together into one package. Additionally, the Dodge Caravan conversion offers a Power Parking Brake, drivers' Six-Way Power Seat, and quad-seating. The Ford Windstar conversion offers a manually operated or power Infloor Steath Ramp.



Activan is built to highest standards of quality and it complies with all current applicable federal motor vehicle safety standards. It has been successfully crash-tested and Ricon provides a comprehensive warranty that assures years of dependable service. For maximum safety, Ricon recommends that vehicle conversion components be inspected and serviced at least every six months, or sooner depending upon usage.

This manual contains operation and maintenance instructions and emergency operation information for the *Activan*. It is intended to supplement but not replace vehicle manufacturers' Owner's Manual. It is important to user safety that operator(s) be completely familiar with Warranty and Operating Instructions chapter of this manual. This manual should be stored in vehicle for reference by all operators. For information or instructions regarding non-Ricon features, refer to manufacturers' Owner's Manual.

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

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RICON® ~~Activan~~®

LIMITED WARRANTY

Ricon Corporation (RICON) warrants to original purchaser of this product that Ricon will repair or replace, at its option, parts that fail by reason of defective material or workmanship as follows:

- C Repair or replace for a period of 7-years or 70,000 miles (112,000 km.), whichever occurs first, the structural metal component of the Ricon installed floor and ramp. These components are warranted for "rust-through" damage. Surface rust is not covered.
- C Repair or replace for a period of 3-years from in-service date or 36,000 miles (58,000 km.), whichever occurs first, all other ~~Activan~~ components. Maintenance items and normal wear and tear excluded.
- C Labor costs for specified parts replaced under this warranty for a period of one (1) year from date of purchase. A Ricon rate schedule determines parts covered and labor allowed. Under normal circumstances, all warranty repair work must be performed by an authorized Ricon ~~Activan~~ dealer ("~~Activan~~ dealer"). In an emergency, and if service from an ~~Activan~~ dealer is not readily available, it is owner's responsibility to contact Ricon for authorization prior to commencement of any repair and Ricon reserves the right to limit extent of those repairs. Unauthorized repair or parts replacement by someone other than an authorized ~~Activan~~ dealer is not covered by this warranty. Ricon also reserves the right to require that defective parts be returned for inspection prior to paying warranty claims. Diagnostic work or troubleshooting is not covered by this warranty.

This warranty is transferable upon sale of vehicle within warranty period only if Ricon is notified in writing within 30 days of sale, and acknowledges such notification. Notification to Ricon shall include: date of original purchase, name and address of seller, name and address of buyer, date of sale, copy of "title transfer" and "odometer statement".

Ricon reserves the right to discontinue models or options, change specifications, materials, equipment or design at any time without notice and without incurring obligation.

This warranty is in lieu of any other warranty expressed or implied. This warranty covers only those parts installed by Ricon and is intended to supplement vehicle manufacturer's warranty. Refer to vehicle manufacturer's warranty for coverage on original vehicle equipment.

This Warranty does not Cover:

- C Damage caused by accident, road hazard, misuse, lack of proper maintenance, failure to follow towing, hoisting, and other operating instructions.

NOTE: Ricon recommends that this product be inspected by an authorized ~~Activan~~ dealer at least once every six months or sooner if necessary. Any required maintenance or repairs should be performed at this time.

WARNING

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

This Warranty is Void if:

- C The conversion has been maintained or repaired by someone other than an authorized ~~Activan~~ dealer or by a person not authorized by Ricon to perform such maintenance or repair.
- C The conversion has been modified or altered in any respect from its original design without written authorization from Ricon.

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

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

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

Important: The warranty registration card must be completed and returned to Ricon within twenty (20) days after installation of this Ricon product for warranty to be valid.

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

GENERAL SAFETY PRECAUTIONS

The following general safety precautions should always be followed during operation and maintenance of the ~~Activan~~:

1. Under no circumstances should maintenance, repair, or adjustment of the ~~Activan~~ ramp or other components be attempted without immediate presence of an individual capable of rendering aid.
2. An injury, no matter how slight, should always be attended. Always administer first aid or seek medical attention immediately.
3. Protective eyeshields and appropriate clothing should be worn during maintenance, repair, and adjustment of the ~~Activan~~.
4. To avoid injury, the user must always exercise caution when operating ramp and be certain that hands, feet, legs, and clothing are not in path of its movement.
5. Batteries contain acid that can burn. Wear protective clothing and eye protection at all times when working around batteries. If acid comes in contact with skin, flush affected area with water and wash with soap immediately.
6. Always work in properly ventilated area. Do not smoke or use an open flame near a battery.
7. Do not lay anything on top of a battery.
8. Read and understand all instructions before attempting to operate the ~~Activan~~ ramp or other components.
9. Inspect ramp prior to each use. If an unsafe condition exists, do not use it. Return vehicle to an authorized Ricon dealer for repair.
10. Unusual noises or movements should be immediately inspected by a Ricon dealer.
11. Keep others clear of ramp when it is being operated.
12. Always operate ramp with the ~~Activan~~ parked on **level** ground. A dangerous situation exists and Ricon does not recommend use of ramp if vehicle is parked on a slope.
13. The ~~Activan~~ ramp and other system components require regular periodic maintenance. Ricon recommends a thorough vehicle inspection by an authorized Ricon dealer at least once every six months. Like any product, the ramp and other components should always be maintained at highest level of performance.

Activan® FEATURES

This section provides an overview of ~~Activan~~ features. For operating instructions of each feature, refer to **Chapter II** of this manual.

! FOLDING RAMP

The folding ramp provides wheelchair access to vehicle. During driving and when it is not being used, it is stored in a folded position inside vehicle. This is referred to as *stowed* position as shown in **Figure [1-1]**. To use ramp, it is unfolded or *deployed* (manually or electrically) as in **Figure [1-2]**. The ramp can be manually pivoted outward, as shown in **Figure [1-3]** to enter or exit vehicle without deploying ramp.



FIGURE [1-1]: FOLDING RAMP STOWED



FIGURE [1-2]: FOLDING RAMP DEPLOYED



FIGURE [1-3]: FOLDING RAMP PIVOTED OUT

! Q'STRAIT® WHEELCHAIR & OCCUPANT RESTRAINT SYSTEM

The Q'Strait Wheelchair and Occupant Restraint System is used to secure or tie-down wheelchairs during vehicle operation.

! REAR STORAGE BIN AND SPARE TIRE MOUNT

Refer to **Figure [1-4]**. The rear storage bin also serves as spare tire mount. The components for the Q'Strait® Wheelchair & Occupant Restraint System are normally stored inside when not in use.



FIGURE [1-4]: STORAGE BIN/TIRE MOUNT

! OPTIONAL POWER DOOR OPERATOR

The power door operator is electrically connected to and is operated with the controls of optional power ramp. As ramp is activated, power door operator automatically opens or closes vehicle door.

! OPTIONAL REMOVABLE FRONT AND/OR MIDDLE SEATS

Figure [1-5] shows removable front passenger seat. Features and operation of front and middle seats are the same. The seats can be unlocked and removed from vehicle as needed to create areas to secure wheelchairs. They are unlocked by a release handle located on rear of front seat bases and on right side of middle seat base. During vehicle operation, the release handles **MUST** be in the **INWARD** position as shown in **Figure [1-6]**.

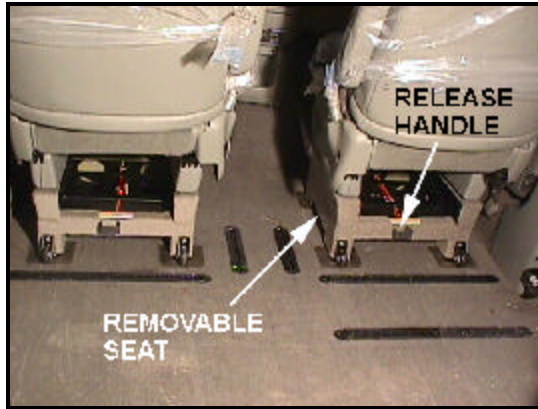


FIGURE [1-5]: REMOVABLE FRONT SEAT

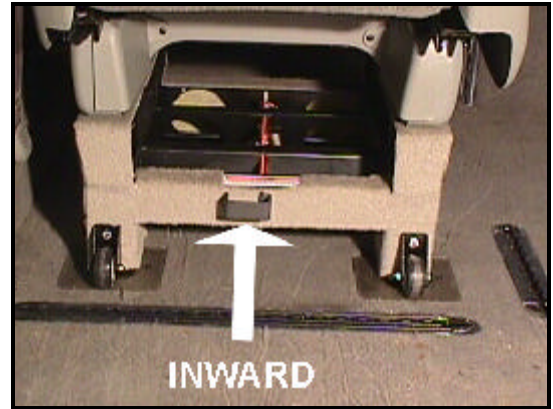


FIGURE [1-6]: FRONT SEAT LOCKED

! OPTIONAL SIX-WAY POWER DRIVERS SEAT BASE

Refer to **Figure [1-7]**. The optional Six-Way Power Seat Base adapts to factory seat and helps transfer a person from a wheelchair to a vehicle seat. The Power Seat Base swivels off-center to provide maximum clearance between driver's seat back and vehicle wall. It incorporates a scissor-arm mechanism for elevation and has a lifting capacity of 300 pounds (136 kilograms).



FIGURE [1-7]: SIX-WAY POWER SEATBASE

! OPTIONAL FOLDAWAY MIDDLE SEAT

The middle seat can be folded to accommodate a secured wheelchair in vehicle. **Figure [1-8]** shows seat in its normal down position and **Figure [1-9]** shows entire seat in up or stored position.



FIGURE [1-8]: FOLDAWAY MIDDLE SEAT



FIGURE [1-9]: MIDDLE SEAT UP

! OPTIONAL REMOVABLE REAR SEAT

By unlocking two latches, the rear seat of vehicle can be removed temporarily. The right latch is shown in **Figure [1-10]** and the left latch is behind spare tire.



FIGURE [1-10]: REAR SEAT LATCHES

! OPTIONAL INFLOOR RAMP

The optional infloor "Stealth" ramp provides wheelchair access to vehicle. Refer to **Figure [1-11]**. During driving and when it is not being used, it is stored beneath vehicle floor. This is referred to as *stowed* position. To use ramp, it is extended from or *deployed* (manually or electrically) from vehicle.



FIGURE [1-11]: INFLOOR RAMP