



*Innovation in Mobility*

***UNI-lite***®  
***Personal Use***  
***Wheelchair Lift***

[Table Of Contents](#)

[Print Entire Manual \(2826KB\)](#)

# **Service Manual**

**This Ricon service manual is for use by qualified service technicians, and is not intended for use by non-professionals (do-it-yourselfers). The manual provides essential instructions and reference information, which supports qualified technicians in the correct installation and maintenance of Ricon products.**

**Qualified service technicians have the training and knowledge to perform maintenance work properly and safely. For the location of a Ricon authorized service technician in your area, call Ricon Product Support at 1-800-322-2884.**

Customer Name: \_\_\_\_\_  
Installing Dealer: \_\_\_\_\_  
Date Installed: \_\_\_\_\_  
Serial Number: \_\_\_\_\_

## REVISION RECORD

REV	PAGES	DESCRIPTION OF CHANGE	ECR / ECO
32DULP02. A	All	New release, in two-book format	3796/4809
32DULP02. B	Inside Cover	Updated disclaimer on inside cover.	3990/4918
<b>END OF LIST</b>			

# TABLE OF CONTENTS

<u>Chapter:</u>	<u>Page</u>
<b>I. INTRODUCTION</b> .....	<b>1-1</b>
A. RICON FIVE-YEAR LIMITED WARRANTY .....	1-1
B. SHIPMENT INFORMATION .....	1-3
C. GENERAL SAFETY PRECAUTIONS .....	1-3
D. MAJOR LIFT COMPONENTS .....	1-4
<b>II. INSTALLATION</b> .....	<b>2-1</b>
A. REQUIRED TOOLS .....	2-1
B. MECHANICAL INSTALLATION .....	2-2
1. VEHICLE PREPARATION .....	2-2
2. INSTALLATION KIT DESCRIPTION .....	2-2
3. LIFT PREPARATION .....	2-3
4. MAIN POST EXTENSION ADJUSTMENTS .....	2-4
5. BASE PLATE ADJUSTMENT .....	2-9
6. POSITION LIFT INTO VEHICLE .....	2-10
7. BRIDGEPLATE ADJUSTMENT .....	2-14
8. PLATFORM TILT ADJUSTMENT .....	2-15
9. INSTALL LIFT IN VEHICLE .....	2-15
C. ELECTRICAL INSTALLATION .....	2-16
D. ELECTRICAL LIMIT SWITCH ADJUSTMENTS .....	2-17
E. INSTALLATION VERIFICATION .....	2-19
F. CUSTOMER ORIENTATION .....	2-19
<b>III. MAINTENANCE</b> .....	<b>3-1</b>
A. CLEANING AND LUBRICATION .....	3-1
B. ELECTRICAL SYSTEM .....	3-1
C. MAINTENANCE SCHEDULE .....	3-1
D. TROUBLESHOOTING GUIDE .....	3-1
E. TROUBLESHOOTING PROCEDURE .....	3-2
F. CIRCUIT TRACE PROCEDURE .....	3-2
G. ELECTRICAL WIRING DIAGRAM .....	3-3
1. DIAGRAM LEGEND .....	3-3
2. UNI-lite LIMIT SWITCH STATE DESCRIPTION .....	3-5
3. WIRING DIAGRAMS .....	3-5
<b>IV. PARTS DIAGRAMS AND LISTS</b> .....	<b>4-1</b>
<b>APPENDIX. LIFT SPECIFICATIONS</b> .....	<b>4-17</b>