



Innovation in Mobility

ECLIPSE™
F8100 Series
Export Use
Wheelchair and Standee Lift

[PRINT ENTIRE MANUAL](#)

[TABLE OF CONTENTS](#)

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
32DF81E02. A	ALL	New release in two-book format.	3802/4820
	4-16 & 4-17	Added part # 11535 (ref #21-1) & # 12128 (ref #21-2) to drawing and parts list.	NONE
32DF81E02. B	Inside Cover	Updated disclaimer on inside cover.	3990/4918
END OF LIST			

TABLE OF CONTENTS

<i>Chapter:</i>	<i>Page</i>
I. INTRODUCTION	1-1
A. RICON ONE-YEAR LIMITED WARRANTY	1-1
B. SHIPMENT INFORMATION	1-3
C. GENERAL SAFETY PRECAUTIONS	1-3
D. MAJOR LIFT COMPONENTS	1-4
II. INSTALLATION	2-1
A. MECHANICAL INSTALLATION	2-1
1. LIFT LOCATION	2-1
2. LIFT MOUNTING	2-1
3. HYDRAULIC POWER UNIT	2-2
B. ELECTRICAL	2-3
C. FINAL ADJUSTMENTS	2-4
1. FLOOR LEVEL TRAVEL LIMIT SETTING	2-4
2. BRIDGEPLATE ADJUSTMENT	2-6
3. LIFT STOW LEVEL SETTING	2-6
D. VERIFY INSTALLATION	2-7
E. CUSTOMER ORIENTATION	2-8
III. MAINTENANCE AND REPAIR	3-1
A. MAINTENANCE SCHEDULE	3-1
B. TROUBLESHOOTING	3-2
1. LIFT TROUBLESHOOTING GUIDE	3-2
2. LIFT OPERATIONAL TROUBLESHOOTING	3-4
C. POWER CUT OFF INTERLOCK INDICATOR DIAGNOSTICS	3-5
D. ELECTRICAL WIRING DIAGRAMS	3-5
1. COLOR CODES	3-5
2. CONNECTORS	3-6
3. SYMBOLS	3-6
4. WIRING DIAGRAM	3-6
E. HYDRAULIC POWER UNIT FLUID FLUSH AND RENEWAL	3-8
F. BLEEDING THE HYDRAULIC SYSTEM	3-8
IV. PARTS DIAGRAMS AND LISTS	4-1
APPENDIX: LIFT SPECIFICATIONS	4-16

This page intentionally left blank.