



*INNOVATION IN MOBILITY™*

*PSL-10*  
*STEP ELEVATOR*  
*and*  
*WHEELCHAIR LIFT*

[\*\*PRINT ENTIRE MANUAL\*\*](#)

[\*\*TABLE OF CONTENTS\*\*](#)

**OPERATOR MANUAL**

07/02/01

32DSL101.B

© 95-2002 RICON CORPORATION

All Rights Reserved

U.S. Patent no. 4,606,433  
Other U.S and Foreign Patents Pending  
Printed in the United States of America



**ONLY AUTHORIZED RICON SERVICE TECHNICIANS  
MAY SERVICE THIS RICON PRODUCT.**

**PRODUCT USERS MUST REFER TO THIS MANUAL  
FOR OPERATING AND GENERAL MAINTENANCE  
INSTRUCTIONS.**

**RETAIN THIS MANUAL IN THE VEHICLE FOR FUTURE  
REFERENCE.**

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

## REVISION RECORD

REVISION	PAGES	DESCRIPTION OF CHANGE	ECR/ECO
32DSL101. B 07/02/01	All	Changed to curved arms on iso throughout manual. Changed "dealer" to "service technician".	3740/4773
	1-3	Changed "dealer" to "shipment".	
	2-1 & 2-5	Added "UNLOCK" function to pendant.	
	2-2 & 2-3	Updated drawings, deleted item 3, added "stow lock manual release cable".	
	2-5, 3-3, 3-7 & 3-8	Rewrote "stow lock release" references to current configuration.	
	3-7 & 3-10	Added Figure "Close Release Valve"	
	4-1	Updated Daily Safety Check Table	
	4-2	Deleted decal 17736, changed decal 17631 to 19552	

## TABLE OF CONTENTS

<i>Chapter:</i>		<i>Page</i>
I.	INTRODUCTION .....	1-1
A.	RICON PRODUCT SUPPORT .....	1-1
B.	STEP-LIFT WARRANTY .....	1-2
C.	SHIPMENT INFORMATION.....	1-3
D.	GENERAL SAFETY PRECAUTIONS .....	1-3
II.	DESCRIPTION .....	2-1
A.	STEP-LIFT FUNCTIONS AND POSITIONS .....	2-1
B.	MAJOR STEP-LIFT COMPONENTS .....	2-2
C.	CONTROLS .....	2-5
1.	CONTROL PENDANT .....	2-5
2.	EMERGENCY OVERRIDE SWITCH.....	2-5
3.	MANUAL STOW-LOCK RELEASE CABLE.....	2-5
4.	PLATFORM SECTION RELEASE HANDLE.....	2-6
5.	FRONT SECTION HANDLE AND ROLLSTOP HANDLE.....	2-6
6.	MANUAL BACK-UP PUMP.....	2-6
III.	OPERATING INSTRUCTIONS.....	3-1
A.	SAFETY PRECAUTIONS .....	3-1
B.	DAILY SAFETY CHECK .....	3-2
C.	STEP-LIFT OPERATION.....	3-2
1.	NORMAL STEP OPERATION.....	3-3
2.	NORMAL WHEELCHAIR LIFT OPERATION .....	3-4
3.	MANUAL OPERATION.....	3-7
IV.	MAINTENANCE .....	4-1
A.	DAILY SAFETY CHECK .....	4-1
B.	STEP-LIFT DECALS.....	4-2

*LIST OF FIGURES*

<i>Figure</i>		<i>Page</i>
2-1	CONTROL PENDANT .....	2-1
2-2	STEP/PLATFORM POSITIONS .....	2-1
2-3	STEP ELEVATOR COMPONENTS .....	2-2
2-4	WHEELCHAIR LIFT COMPONENTS.....	2-3
2-5	CONTROL PENDANT .....	2-5
2-6	LEFT HAND TOWER WITH EMERGENCY OVERRIDE SWITCH .....	2-5
2-7	STOW-LOCK RELEASE CABLE LOCATION .....	2-5
2-8	MIDDLE SECTION RELEASE T-HANDLE .....	2-6
2-9	FRONT SECTION HANDLE AND ROLLSTOP HANDLE .....	2-6
2-10	MANUAL BACK-UP PUMP.....	2-6
3-1	DO NOT USE STEP-LIFT WHEN VEHICLE IS ON SLOPED GROUND.....	3-1
3-2	UNFOLD STEP WITH PALM UP .....	3-4
3-3	UNLATCH FRONT PLATFORM SECTION .....	3-4
3-4	UNFOLD FRONT PLATFORM SECTION .....	3-5
3-5	RAISE OUTER ROLLSTOP .....	3-5
3-6	LOWER OUTER ROLLSTOP .....	3-5
3-7	LOWER OUTER ROLLSTOP .....	3-6
3-8	RAISE OUTER ROLLSTOP .....	3-6
3-9	STORE OUTER ROLLSTOP .....	3-6
3-10	RAISE STEP-LIFT ABOUT 4" .....	3-7
3-11	CLOSE RELEASE VALVE .....	3-7
3-12	UNFOLD STEP WITH PALM UP .....	3-7
3-13	UNLATCH FRONT PLATFORM SECTION .....	3-8
3-14	UNFOLD FRONT PLATFORM SECTION .....	3-8
3-15	RAISE OUTER ROLLSTOP .....	3-8
3-16	RELEASE STOW-LOCK.....	3-9
3-17	OPEN RELEASE VALVE .....	3-9
3-18	LOWER OUTER ROLLSTOP .....	3-9
3-19	RAISE STEP-LIFT ABOUT 4" .....	3-10
3-20	CLOSE RELEASE VALVE .....	3-10
3-21	UNFOLD STEP WITH PALM UP .....	3-10
3-22	UNLATCH FRONT PLATFORM SECTION .....	3-11
3-23	UNFOLD FRONT PLATFORM SECTION .....	3-11
3-24	RAISE OUTER ROLLSTOP .....	3-11
3-25	PULL MANUAL RELEASE CABLE.....	3-12
3-26	OPEN RELEASE VALVE.....	3-12
3-27	RAISE OUTER ROLLSTOP .....	3-12
4-1	DECAL LOCATIONS.....	4-2

LIST OF TABLES

---

<i>Table</i>		<i>Page</i>
2-1	STEP-LIFT FUNCTIONS.....	2-1
2-2	STEP-LIFT COMPONENTS.....	2-4
4-1	DAILY SAFETY CHECK.....	4-1

This page intentionally left blank.

[\*\*-BACK TO FRONT COVER-\*\*](#)

[\*\*-GO TO NEXT CHAPTER-\*\*](#)