
RFID INSTRUCTION MANUAL: CBL-3L



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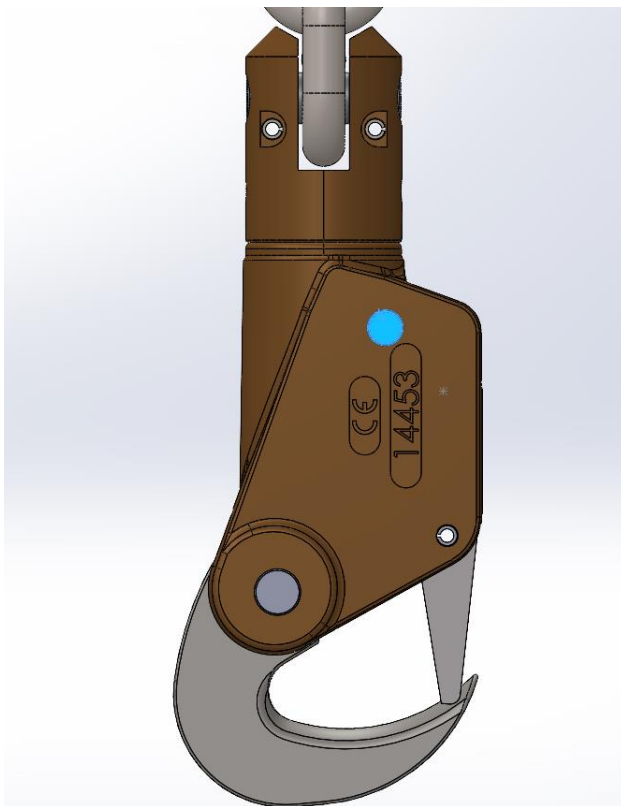
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1 Overview

- This RFID Instruction Manual is intended as a resource to enable consistent writing and reading of the RFID puck in a CBL-3L Cargo Lift System; also referred to as CBL-3L Hook Assembly.
- Writing the Serial Number to this RFID puck enables easy tracking of CBL-3L Hook Assemblies for inventory and maintenance purposes.

2 View of CBL-3L Hook Assembly (with RFID puck shown in blue)



- The RFID PUCK is shown in blue in the image above and is already pressed into a pocket in the main Body casting of the CBL-3L Hook Assembly.
- Each Hook Assembly is also engraved with a unique Serial Number.
- That Serial Number is written into the RFID puck before shipment to enable easy identification and tracking of Hook Assemblies for inventory and maintenance purposes.

3 Required Tools

- Smart phone with NFC capability
- RFID read/write app such as “NFC Tools” by <https://www.wakdev.com>

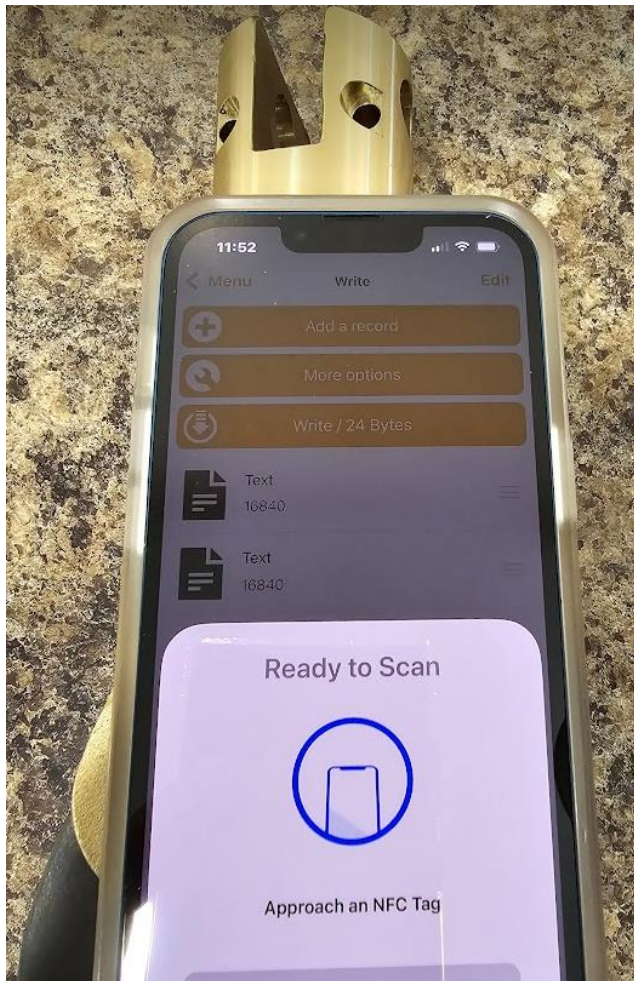
4 Read/Write Setup

- A. Download and install the “NFC Tools” app from Google Play or Apple App Store onto a smartphone with NFC capability.
- B. Lay a CBL-3L Hook Assembly on a flat surface with the RFID puck facing upwards as shown below:



5 Read/Write Procedure

- A. To WRITE to the RFID puck:
- 1) Open the “NFC Tools” app
 - 2) Press “Write”
 - 3) Press “Add A Record”
 - 4) Press “Text”
 - 5) Enter the desired information (such as Serial Number, Pull Test Date, etc)
 - 6) Press “OK”
 - 7) Press “Write” (below More Options) and the “Ready To Scan, Approach An NFC Tag” image appears
 - 8) Set phone on top of the Body of Hook Assembly as shown below:



- 9) Move camera area of phone to be above/near the RFID puck until the “Ready To Scan...” image changes to a blue checkmark which indicates successful writing (as shown below):



- 10) If a “Write Error” message occurs, repeat the steps 5 A 7 thru 9 above.
- B. To verify via READ, do not move phone from its previous position during successful Writing then:
- 1) Press “< Menu”
 - 2) Press “Read”
 - 3) The “Approach and NFC tag” image and the blue checkmark appears if READ is successful, in which case this procedure is complete for that Hook Assembly. The above steps of 5A and 5B can then be repeated for the next Hook Assembly.
 - 4) If READ is not successful, repeat steps of 5A and 5B for the current Hook Assembly.

6 Revision Sheet

Release No.	Date	Revision Description
Rev. A	04/15/2024	Initial Release
Rev. B	02/06/2025	Revised text for clarity

RFID Instruction Manual Authorization
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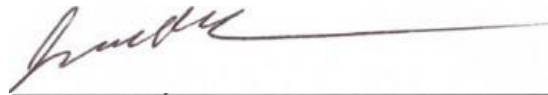
I have reviewed this RFID Instruction Manual for CBL-3L Hook Assembly. This document has been completed in accordance with the requirements of Charles B. Lewis Company.

MANAGEMENT CERTIFICATION - Please check the appropriate statement.

The document is approved.

The document is approved, pending the changes noted below.

The document is not approved.



NAME
President

01/16/2025
DATE