



Truck Inventory Mobile Application

Zebra MC33xx Series Mobile Computers

Overview

This Quick Reference Guide covers the operation of the Johnstone Supply Truck Inventory mobile application on the Zebra MC33xx Series of mobile computers.

While this guide does not cover installation, the installer for the latest version of the application can always be downloaded from the Downloads section on the menu of the website

<https://johnstone.vertsys.com>

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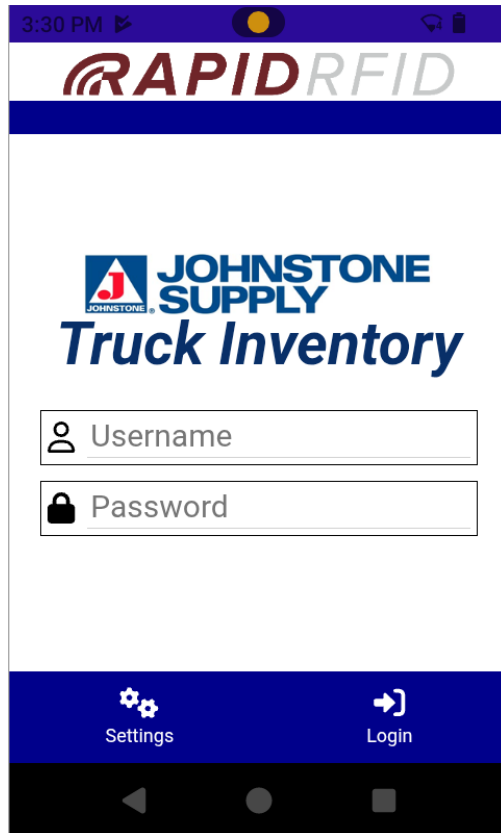
Operating the Truck Inventory Application

Johnstone Supply Truck Inventory mobile application can be launched from the MC33xx's App screen. After the application has launched, users can use the on-screen keyboard and barcode scanner to enter text into application fields. When Inventory Collection is undertaken, the device trigger will instead initiate RFID scanning to pick up part tags.

Login Page

Users enter their credentials for the Johnstone Inventory System to log in. To be eligible to log in, users must be assigned the appropriate role by a Johnstone administrator on the website.

Login Page



3:30 PM

RAPIDRFID

JOHNSTONE SUPPLY
Truck Inventory

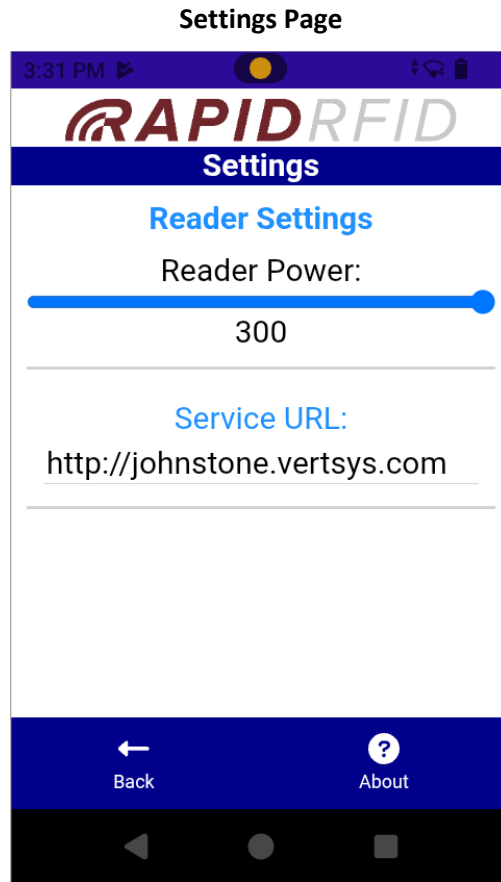
Username

Password

Settings Login

Settings Page

Users can change the Reader Power and Service URL. It is **highly recommended** that each of these settings be left at their default values: 300 and <http://johnstone.vertsys.com> respectively. Changes to these settings will impact tag read strength and app connectivity.



Home Page

T the user sees a summary of the records available, the present application version, and can access different application functionalities using the bottom bar navigation.

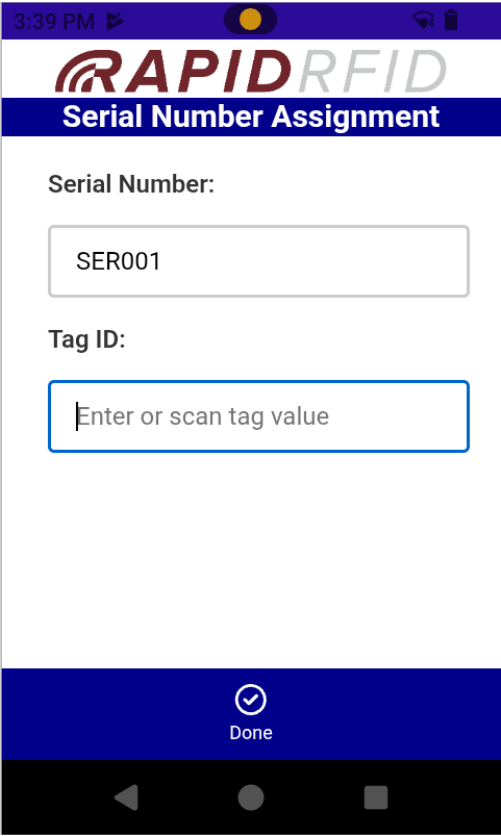
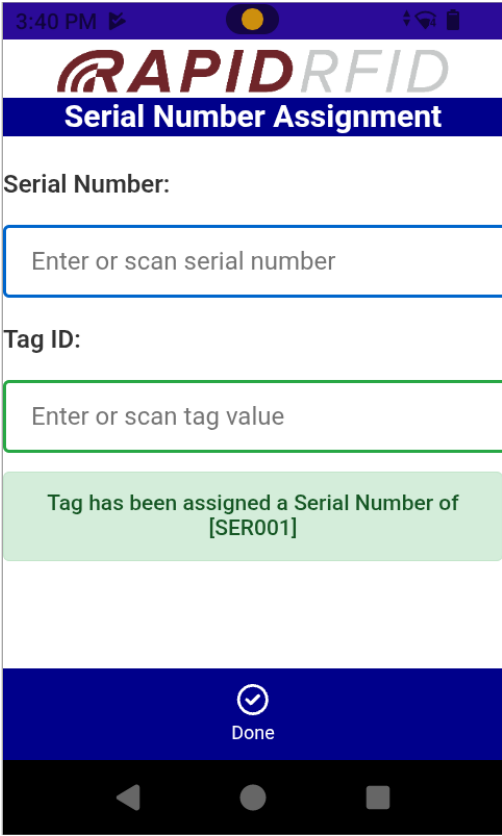
Home Page



Serial Number Assignment

This page is utilized to assign Serial Numbers to RFID tags. The user first scans the barcode for the value of the Serial Number they wish to assign into the top field, then scans the barcode on the Johnstone Supply RFID tag to put the RFID tag ID into the bottom field. If the tag is eligible for serialization, the Serial Number will be assigned.

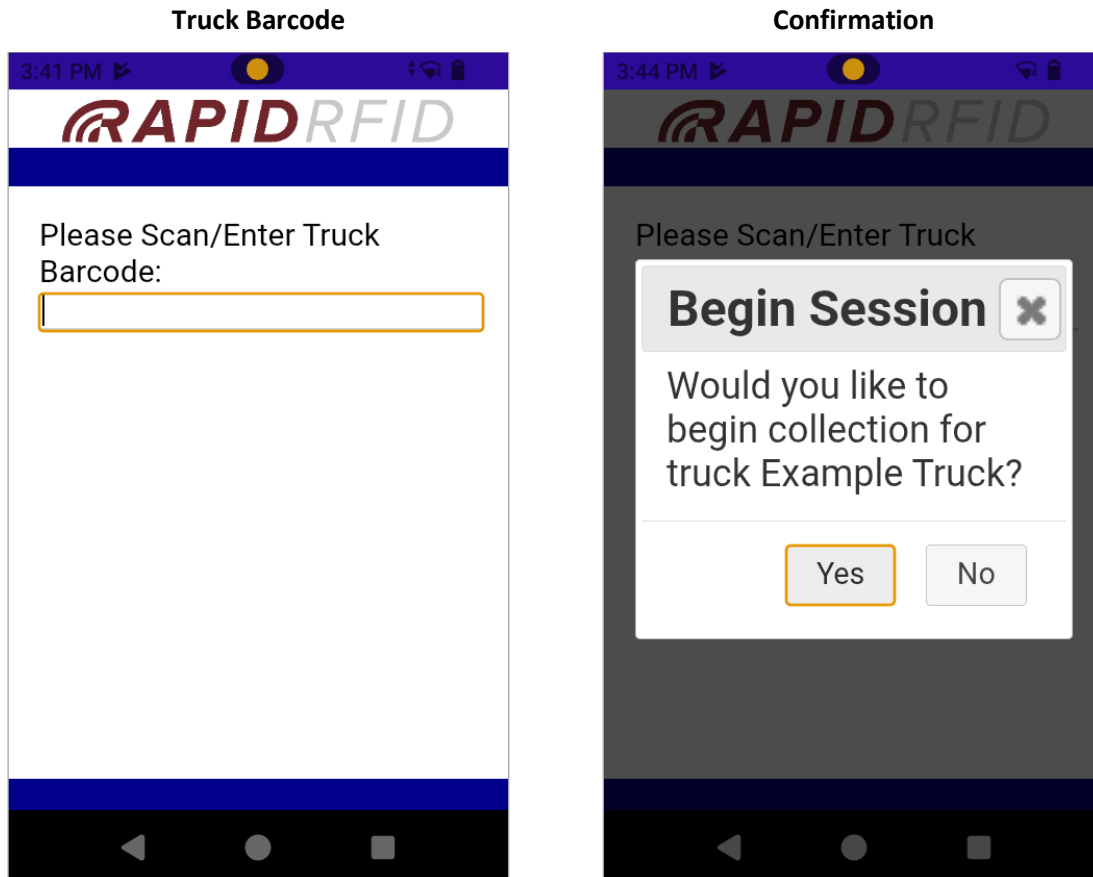
NOTE: If pulling the trigger does not cause the barcode scanner to come on (no red light), the user should press the square soft button at the bottom of the screen to suspend the application and then re-open it to restore the application and engage the barcode reader.

Serial Number Assignment	Serial Number Assigned
	

Inventory Collection

Upon navigation to the Inventory Session page, users will be prompted to scan the Truck barcode. If the scanned barcode matches a Truck record, the application will confirm that the user wants to begin an Inventory Session.

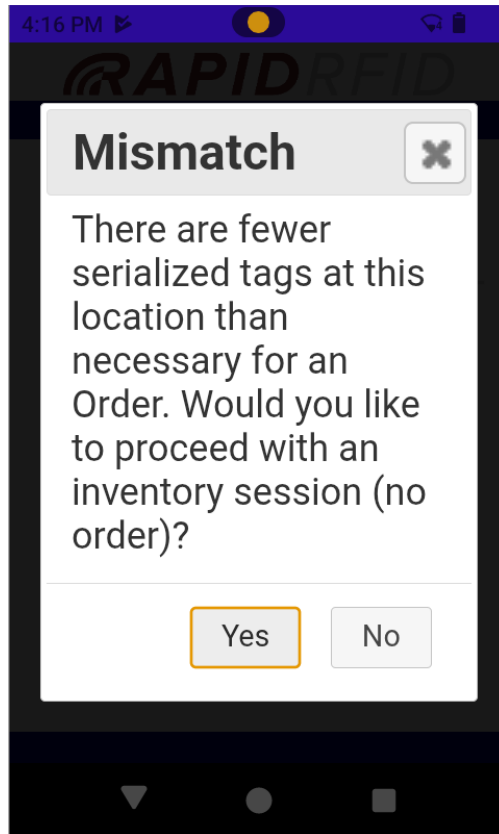
NOTE: If pulling the trigger does not cause the barcode scanner to come on (no red light), the user should press the square soft button at the bottom of the screen to suspend the application and then re-open it to restore the application and engage the barcode reader.



Serialization Process

In the case of a Serialized Product Catalog, the application will check to make sure that the appropriate number of Part Tags have been assigned Serial Numbers. If they have not, the user may still perform inventory but will be unable to submit an Order once inventory is complete.

Serialization Mismatch



Collection

Once a user is on the collection page, they can pull the trigger to scan Part Tags to perform inventory.

Scanned Part Tags which match the Product Catalog will register to the **Found** count in the page header. Additionally, their rows will highlight a darker green as the count of tags gets closer to the expected value for the part.

Additional Part Tags (either in excess of the expected amount for a Part or from a different Catalog) will register as **Unexpected** and have yellow highlighted rows.

Session Start

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RAPIDRFID

Hide Missing (Unread) Hide Items Read Expected: 12 Found: 0 Unexpected: 0

Part #: L48-025
Description: NON-PROGRAMMABLE THERMOSTAT
Progress: 0 of 2
Untagged: 0

Part #: L41-806
Description: 21D64-2 NITRIDE UPGRADE
Progress: 0 of 4
Untagged: 0

Part #: L46-477
Description: Y BRACKET
Progress: 0 of 2
Untagged: 0

Settings Done

Scans

3:47 PM

RAPIDRFID

Hide Missing (Unread) Hide Items Read Expected: 12 Found: 3 Unexpected: 0

Part #: L48-025
Description: NON-PROGRAMMABLE THERMOSTAT
Progress: 2 of 2
Untagged: 0

Part #: L41-806
Description: 21D64-2 NITRIDE UPGRADE
Progress: 1 of 4
Untagged: 0

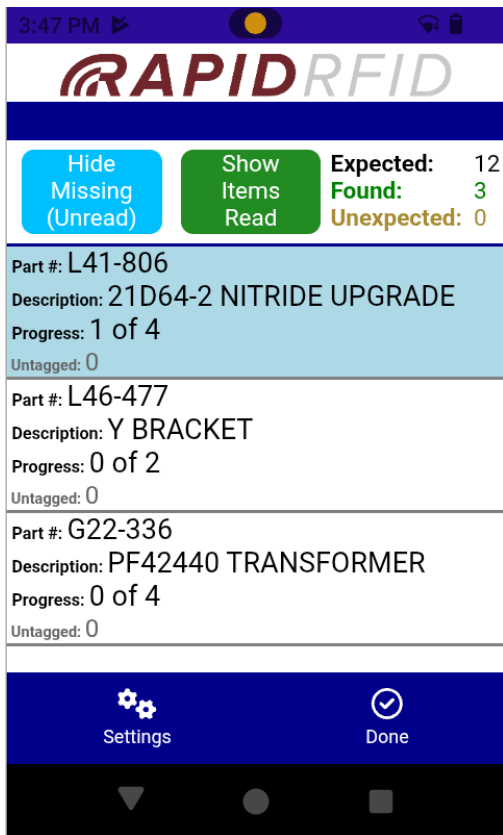
Part #: L46-477
Description: Y BRACKET
Progress: 0 of 2
Untagged: 0

Settings Done

Filter Buttons

The two filter buttons at the top of the page may be used to show and hide Parts which have specific conditions met. The Hide Items Read button will hide all rows which have had all their Part Tags scanned. The Hide Missing (Unread) will hide all rows which have not yet had any Part Tags scanned. Neither of these filters will stop scanned Part Tags from registering properly.

Hide Read



3:47 PM

RAPIDRFID

Hide Missing (Unread) Show Items Read Expected: 12 Found: 3 Unexpected: 0

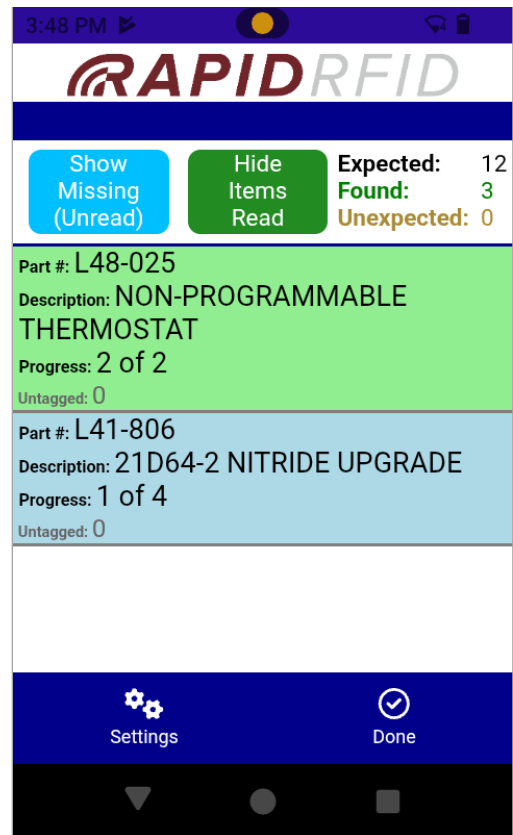
Part #: L41-806
Description: 21D64-2 NITRIDE UPGRADE
Progress: 1 of 4
Untagged: 0

Part #: L46-477
Description: Y BRACKET
Progress: 0 of 2
Untagged: 0

Part #: G22-336
Description: PF42440 TRANSFORMER
Progress: 0 of 4
Untagged: 0

Settings Done

Hide Missing



3:48 PM

RAPIDRFID

Show Missing (Unread) Hide Items Read Expected: 12 Found: 3 Unexpected: 0

Part #: L48-025
Description: NON-PROGRAMMABLE THERMOSTAT
Progress: 2 of 2
Untagged: 0

Part #: L41-806
Description: 21D64-2 NITRIDE UPGRADE
Progress: 1 of 4
Untagged: 0

Settings Done

Untagged Parts

In the case where a user recognizes that one or more Part Tags for a Catalog Part is missing, that user can Set Untagged Parts for that Catalog Part by double-tapping its row. After doing so, that user is brought to a screen where they can set an Untagged Quantity. Once the Untagged Quantity has been set, the number appears at the bottom of that Catalog Part's row.

If Part Tags are scanned for a row which has its remaining quantity set as Untagged, the Untagged Quantity will automatically decrease as the application considers the Part Tag "found".

Set Untagged Part

4:13 PM

RAPIDRFID

Set Untagged Parts

Part: **G22-336**

3 tags can be set untagged

Untagged Quantity:

3

Save Cancel

After Untagged Part Set

3:57 PM

RAPIDRFID

Hide Missing (Unread) Hide Items Read Expected: 12 Found: 6 Unexpected: 0

Untagged: 0

Part #: L41-806
Description: 21D64-2 NITRIDE UPGRADE
Progress: 2 of 4
Untagged: 0

Part #: L46-477
Description: Y BRACKET
Progress: 1 of 2
Untagged: 0

Part #: G22-336
Description: PF42440 TRANSFORMER
Progress: 1 of 4
Untagged: 3

Settings Done

Session Completion

When the user presses the Done button to complete collection of the Inventory Session, they will be brought to a screen with the following options:

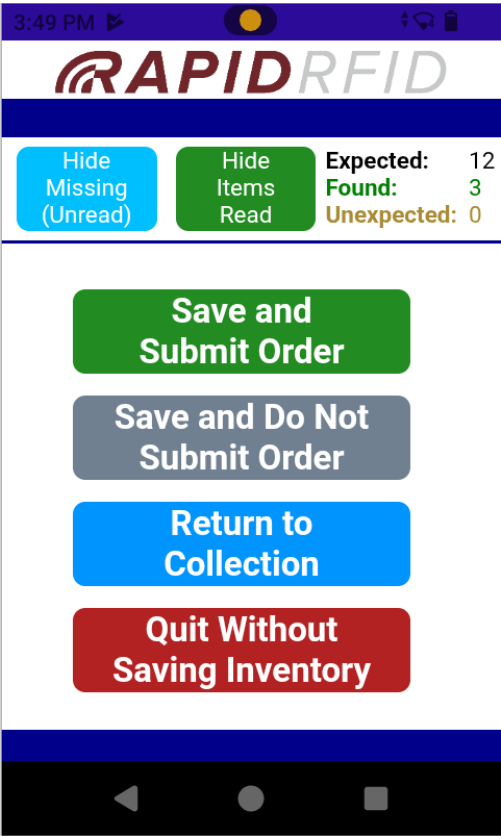
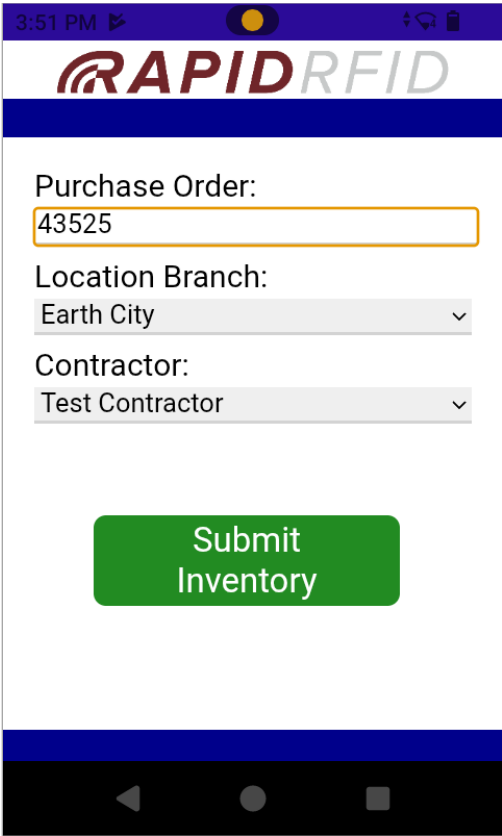
Save and Submit Order: Complete the Inventory Session and save it to the Website, automatically sending an Order for the Catalog Parts found missing.

Save and Do Not Submit Order: Complete the Inventory Session and save it to the Website, but do not submit an Order.

Return to Collection: Return to Collection for the Inventory Session.

Quit Without Saving Inventory: Discard the present Inventory Session.

Upon saving, a User with the **JohnstoneMobileUser** role will be able to enter the PO number and set the Location Branch and Contractor for the submitted Inventory Session and potential Order.

Completion Options	PO Entry
	

Confirm Submission

