

Setup for Merlin 2 and Quest CT400

The following work is to be carried out once you have installed your CT400 device and Merlin 2 board following the “Anztec Quick Wash Quest CT400 Upgrade Instructions”

The first step

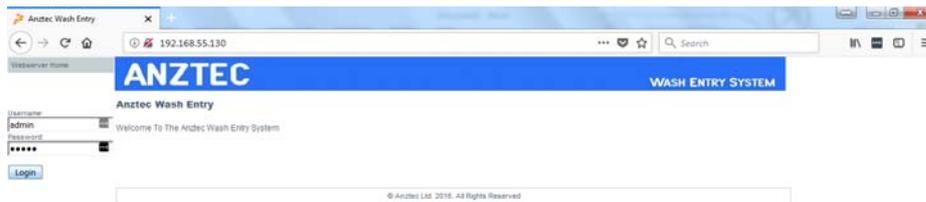
USE THE PROVIDED SHEET TO FILL IN YOUR INFORMATION Page 13,14,15.
 Or use your phone to take photos of all the setup screens in the service menu.
 Then print an accountancy report.

Check your Merlin 2 screen, it will cycle through and show its chosen IP Address. This will be chosen by the Merlin 2 until you set the IP Address in the following steps.

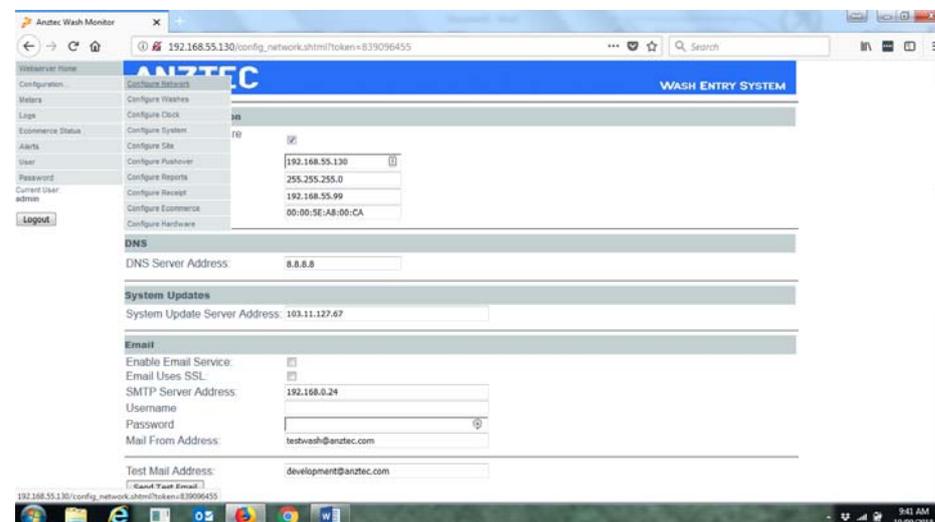


Open Firefox (recommended) or Internet Explorer.

Then type in the IP Address as seen on your Merlin 2 screen **192.168.55.130**
 Username: admin Password: admin



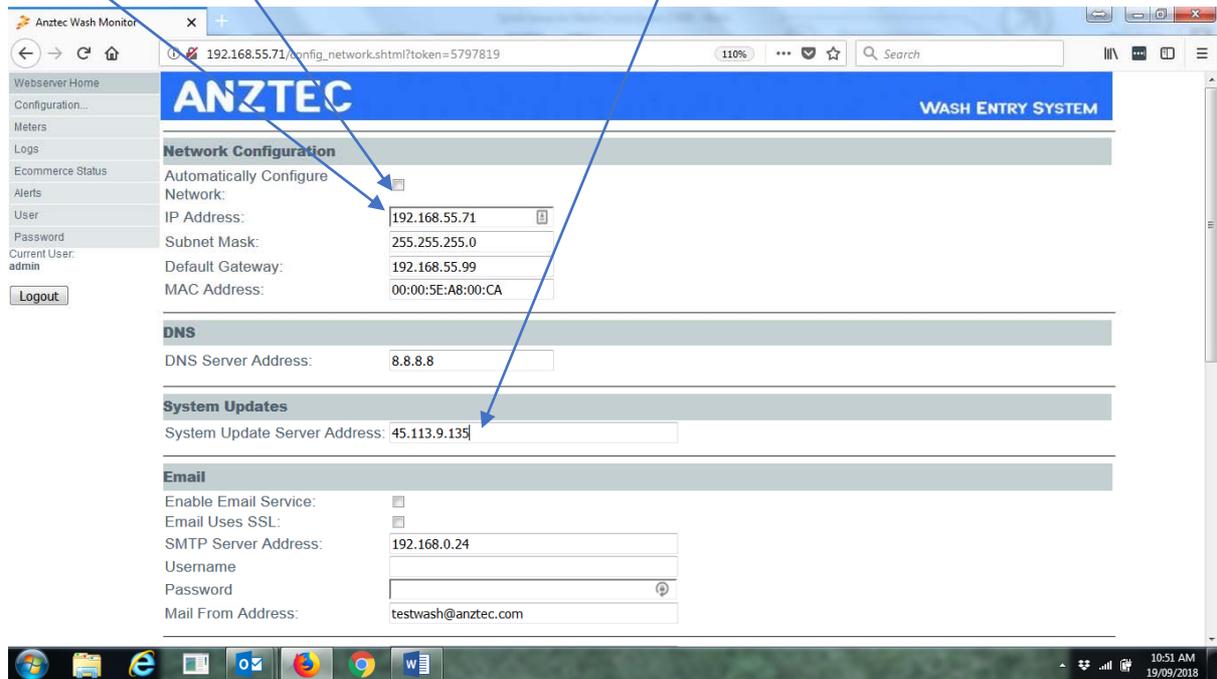
Then select **Configure Network**



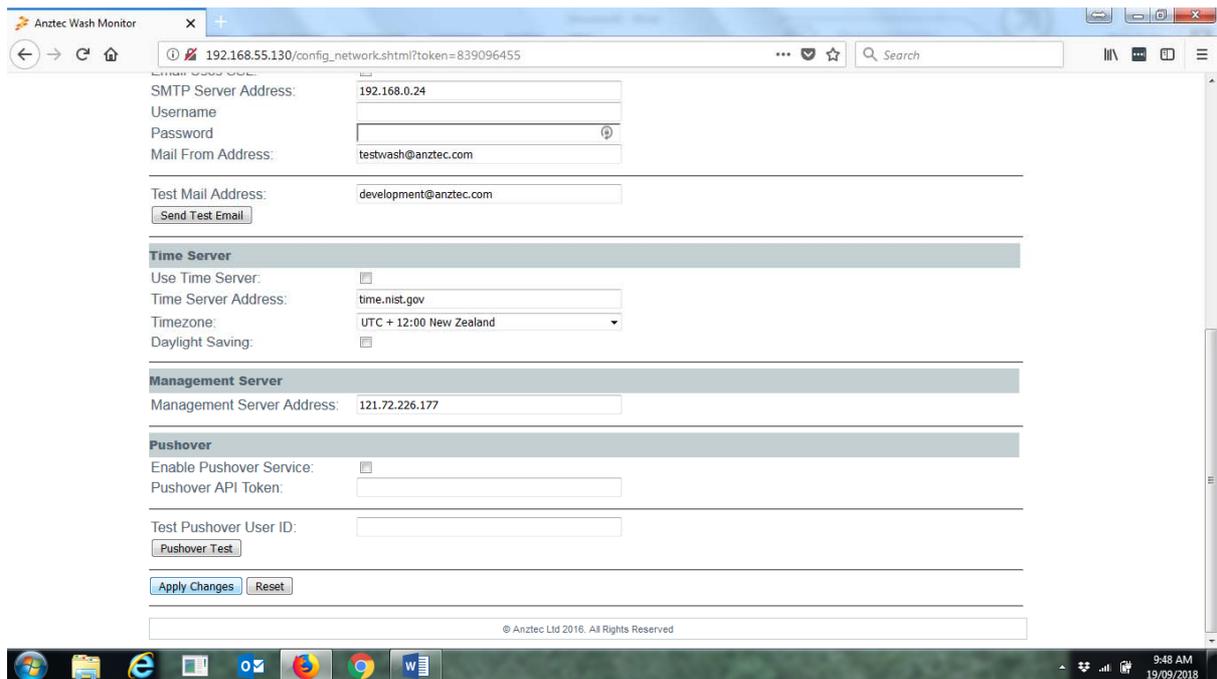
Once you are in Configure Network, change the IP Address.
 Uncheck the **Automatically Configure** check box to retain your new chosen IP Address

Check that your system update server is correct **45.113.9.135**
 (If this is incorrect you will get a "Non-Specific TFTP Error")

LaserWash # 1 192.168.55.71
 LaserWash # 2 192.168.55.72



Your network may have a different prefix 192.168.0.? If so you will need to change your PC settings to suit, connect directly to the Merlin 2 and then change the IP address to suit.



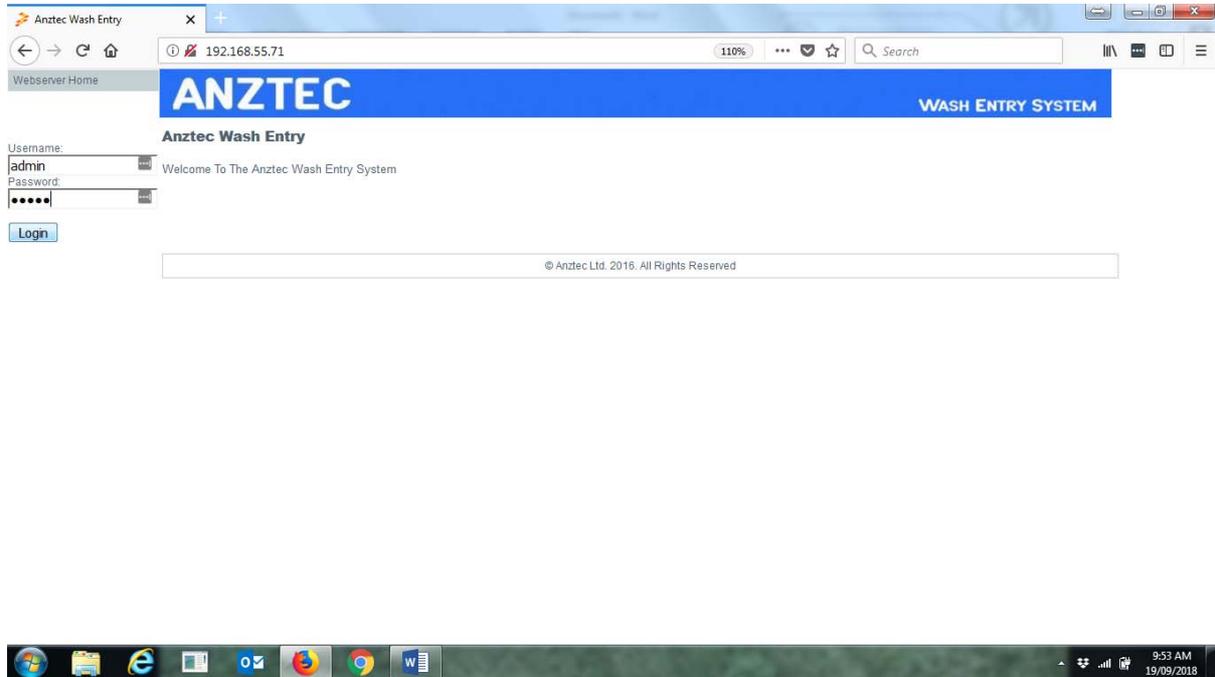
Once you have set up your IP address and unchecked the box then scroll down and select **Apply Changes**.

Then close and reopen Firefox.

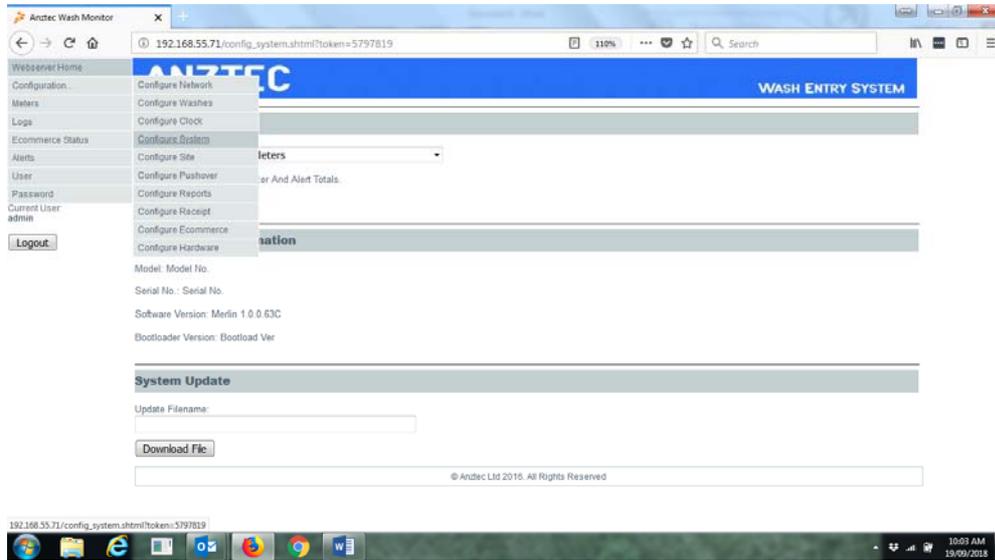
You will then have to type in the new IP Address.

In this case **192.168.55.71**

Username: admin Password: admin



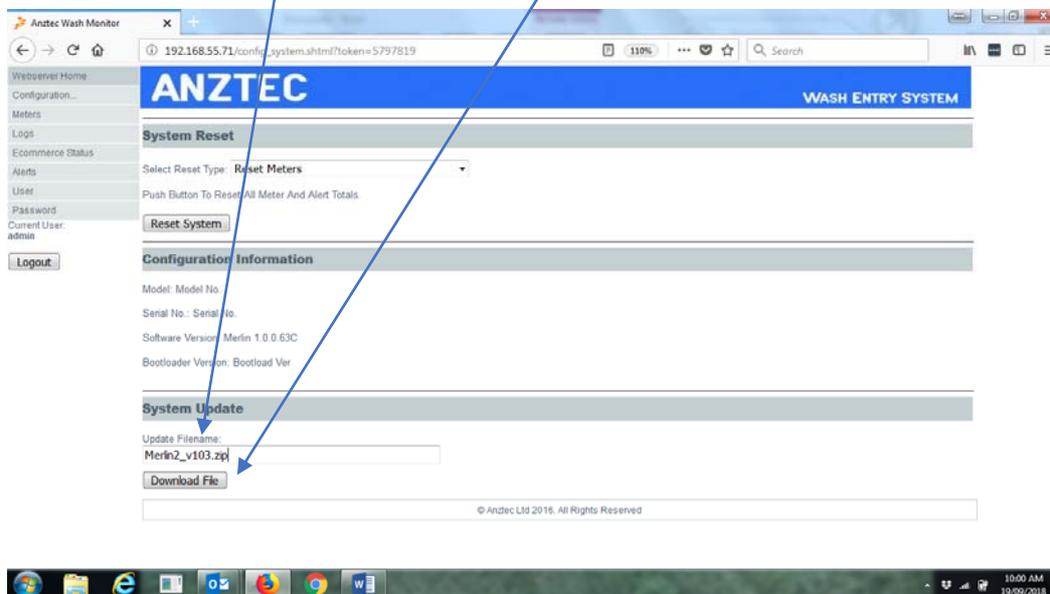
Configuring System – Updating Software



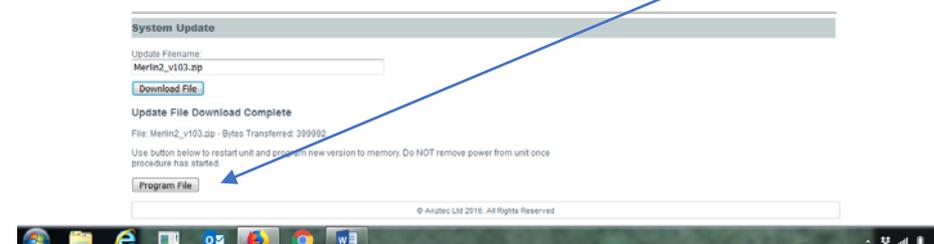
This will allow you to update the Merlin 2 software from the Anztec server.
Check that your system update server is correct 45.113.9.135

The latest software version as of 09/10/2018 = **Merlin2_v110.zip**
 Type this into the text box, then click **Download File**

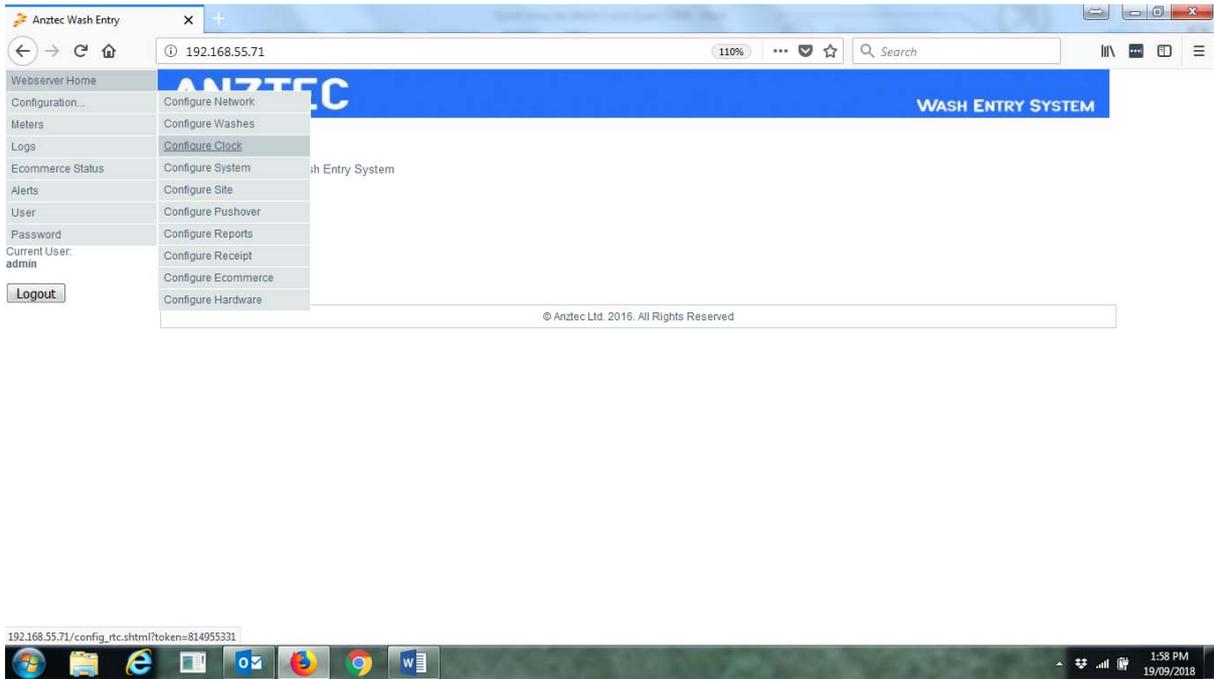
If the download fails please contact Prowash for the back-up server address.



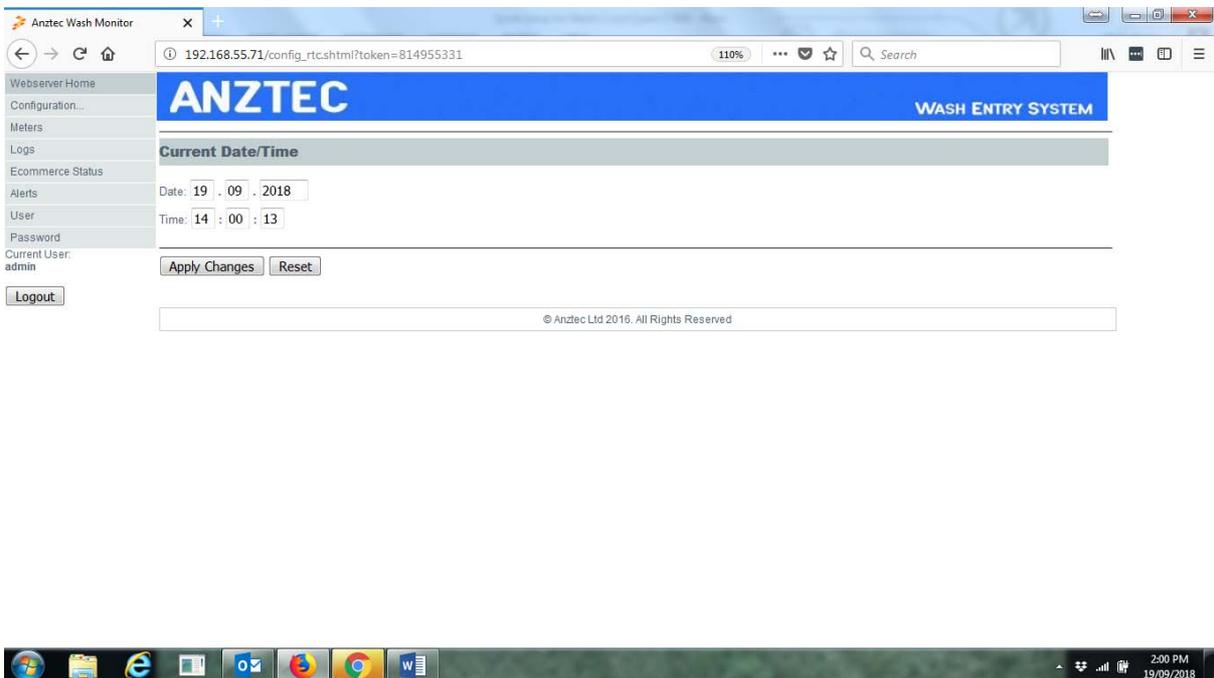
Once you have downloaded the file you will gain another button **Program File** that will allow you to program the new software into the Merlin 2. The Merlin 2 will then restart and you will be required to login again.



Configure Clock



Set the current date and time. Then click **Apply Changes**



Setting Printer Type

You will need to select **Configure Hardware** and select your printer type.

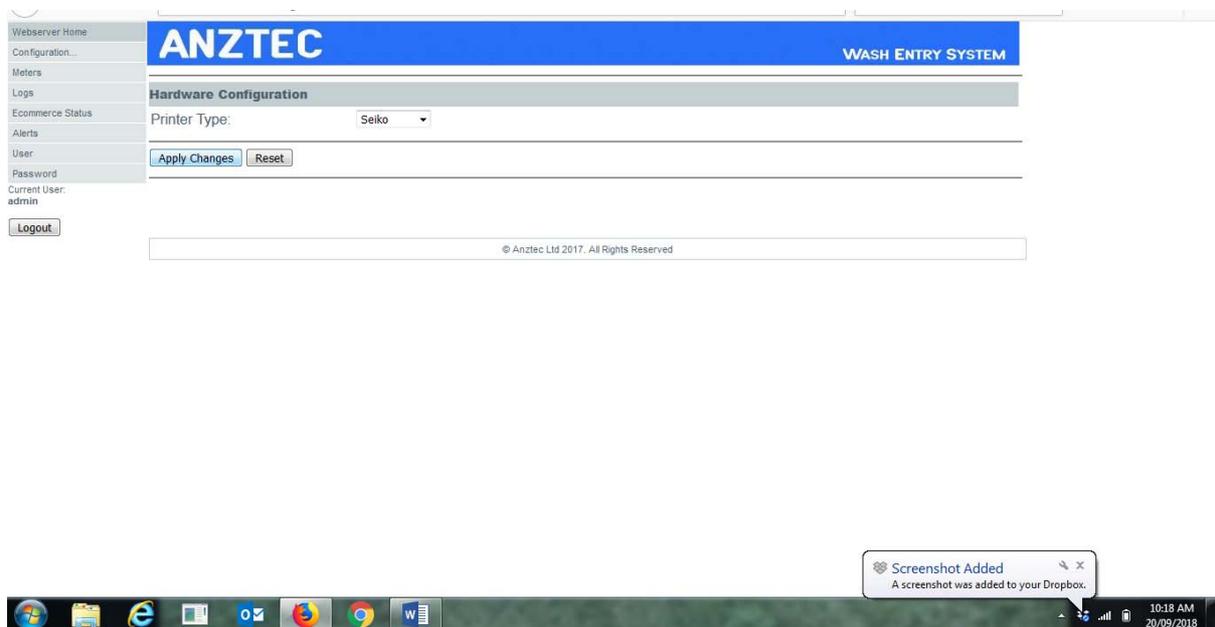
- Seiko = Seiko – Serial; this is for most LaserWash entry system
- Custom = New Style Custom Printer for LaserWash entry system
- Hengstler = Hengstler Printer in Mr Magic entry system
- Fenix = older Fenix (Will need Fenix loom ad Manual)

This Merlin 2 upgrade is not compatible with old style parallel printers

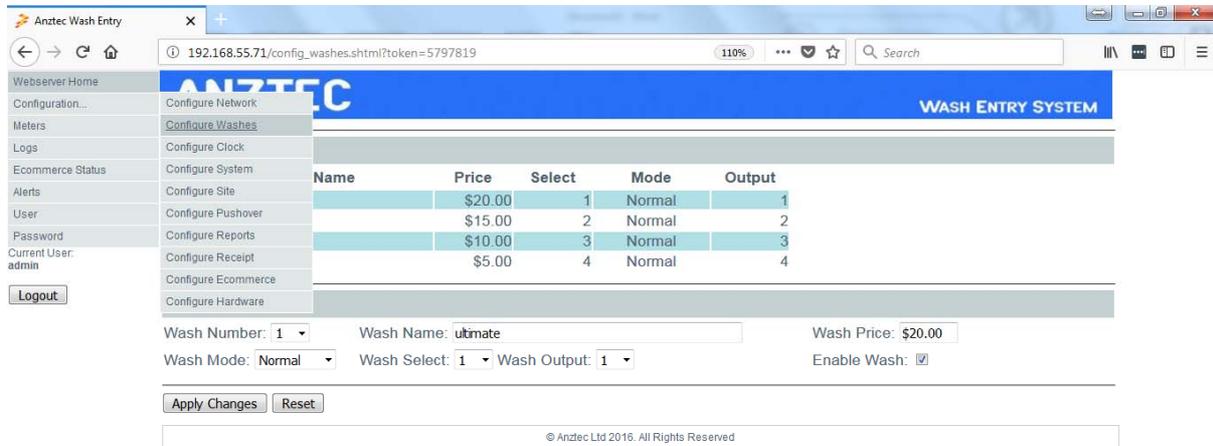
Once you click **Apply Changes**, cycle the power to the Entry System.

In the **Configure Receipt** menu you can now print a **Test Receipt**.

(If the printer fails to print you may need to reset the printer via the reset button on the top of the printer)



Setting Wash Packages, Names and Price



The screenshot shows the 'Configure Washes' page in the ANZTEC WASH ENTRY SYSTEM. A table lists four wash packages:

Name	Price	Select	Mode	Output
ultimate	\$20.00	1	Normal	1
extreme	\$15.00	2	Normal	2
quick	\$10.00	3	Normal	3
cheap	\$5.00	4	Normal	4

Below the table, the configuration for the selected wash (ultimate) is shown:

- Wash Number: 1 (dropdown)
- Wash Name: ultimate (text input)
- Wash Price: \$20.00 (text input)
- Wash Mode: Normal (dropdown)
- Wash Select: 1 (dropdown)
- Wash Output: 1 (dropdown)
- Enable Wash:

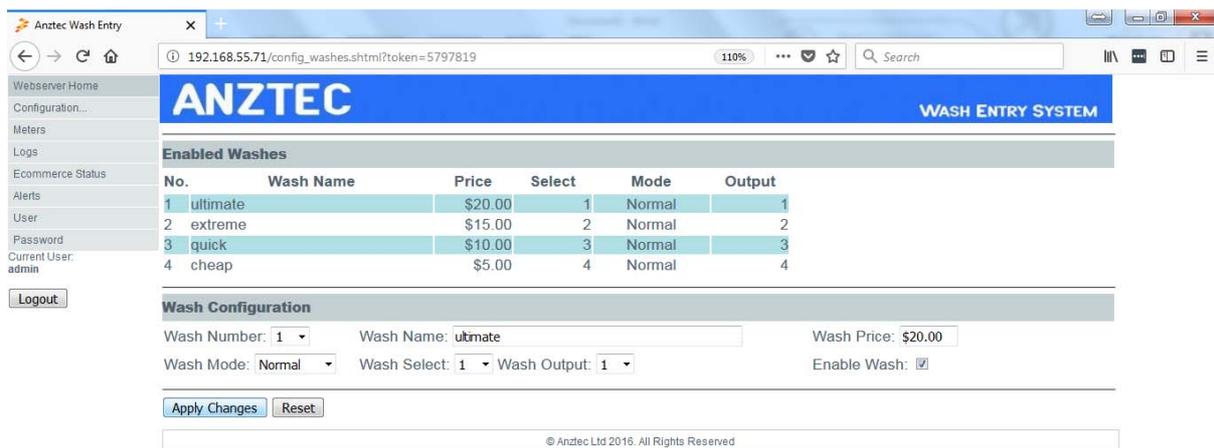
Buttons for 'Apply Changes' and 'Reset' are located at the bottom of the configuration section.



Use **Wash Number** drop down dox to select the wash that you would like to edit.

After configuring all washes, click **Apply changes**.

Note: Even if you deselect the **Enable Wash** checkbox we advise that any unused wash buttons are unplugged from the logic board. (Located behind Hopper 1 on the lower left-hand side of the relay board). This will prevent customers attempting to purchase any unused wash options



The screenshot shows the 'Enabled Washes' page in the ANZTEC WASH ENTRY SYSTEM. A table lists four enabled wash packages:

No.	Wash Name	Price	Select	Mode	Output
1	ultimate	\$20.00	1	Normal	1
2	extreme	\$15.00	2	Normal	2
3	quick	\$10.00	3	Normal	3
4	cheap	\$5.00	4	Normal	4

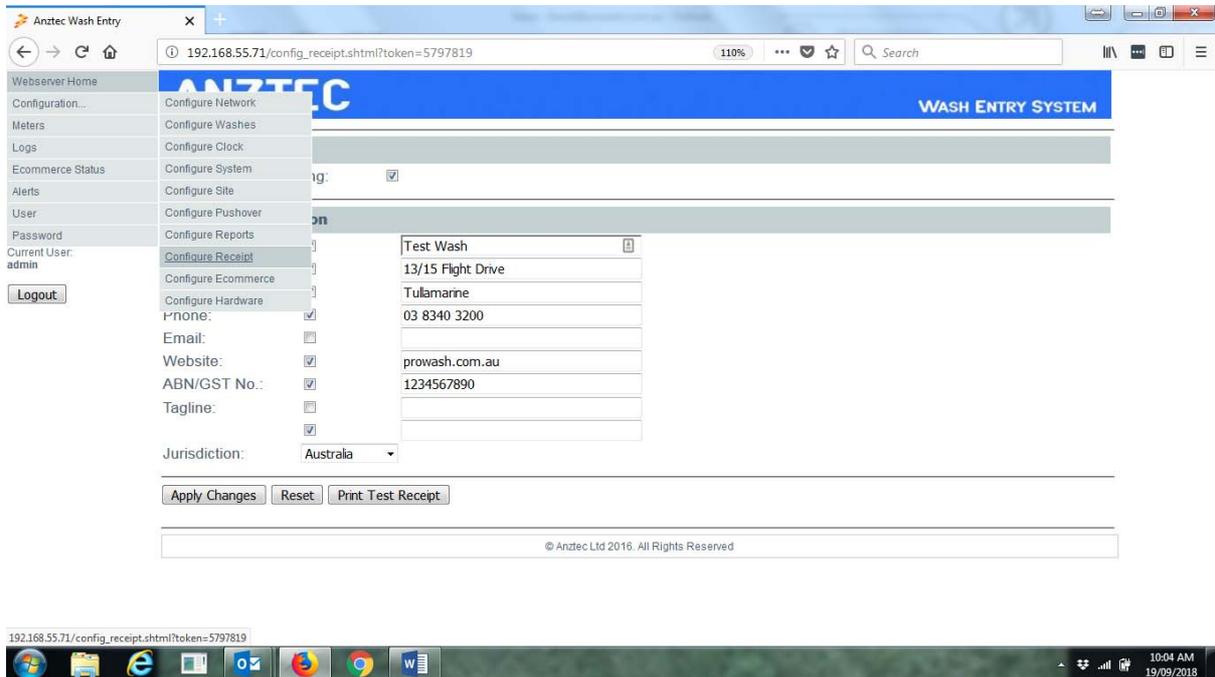
Below the table, the configuration for the selected wash (ultimate) is shown:

- Wash Number: 1 (dropdown)
- Wash Name: ultimate (text input)
- Wash Price: \$20.00 (text input)
- Wash Mode: Normal (dropdown)
- Wash Select: 1 (dropdown)
- Wash Output: 1 (dropdown)
- Enable Wash:

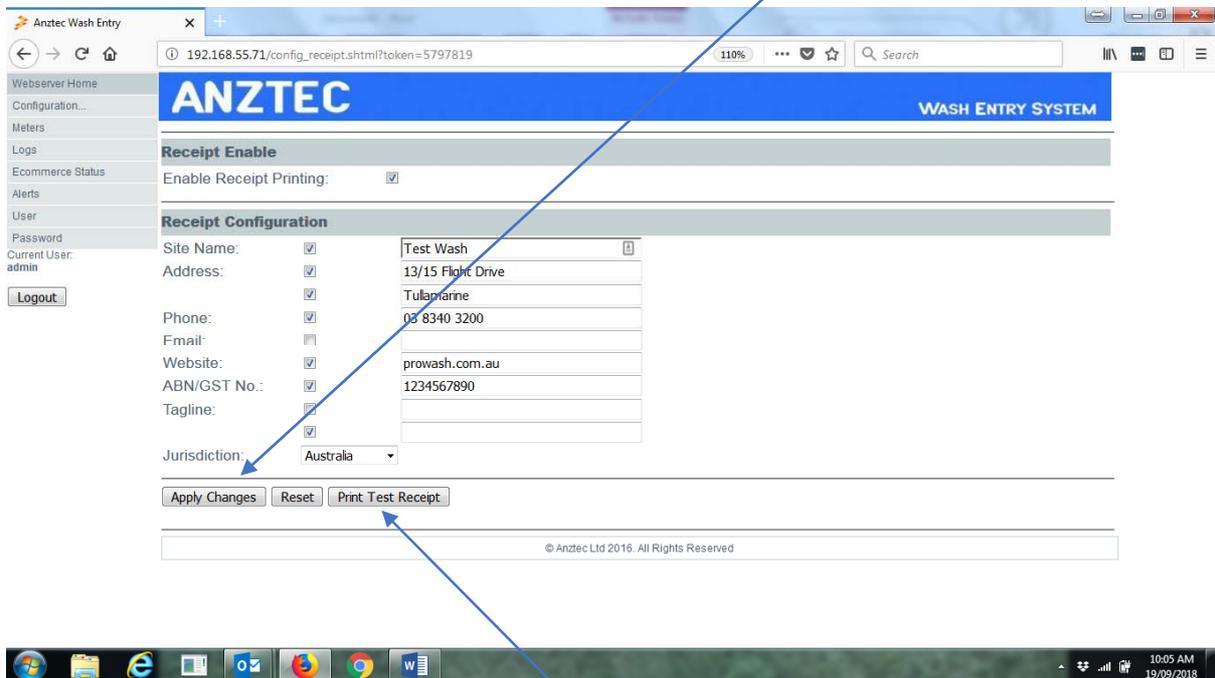
Buttons for 'Apply Changes' and 'Reset' are located at the bottom of the configuration section.



Configuring Receipt Information



You can now configure your receipt via the Merlin 2 and on your PC use the information you recorded to fill out the following fields. Ensure you press **Apply Changes** when finished.

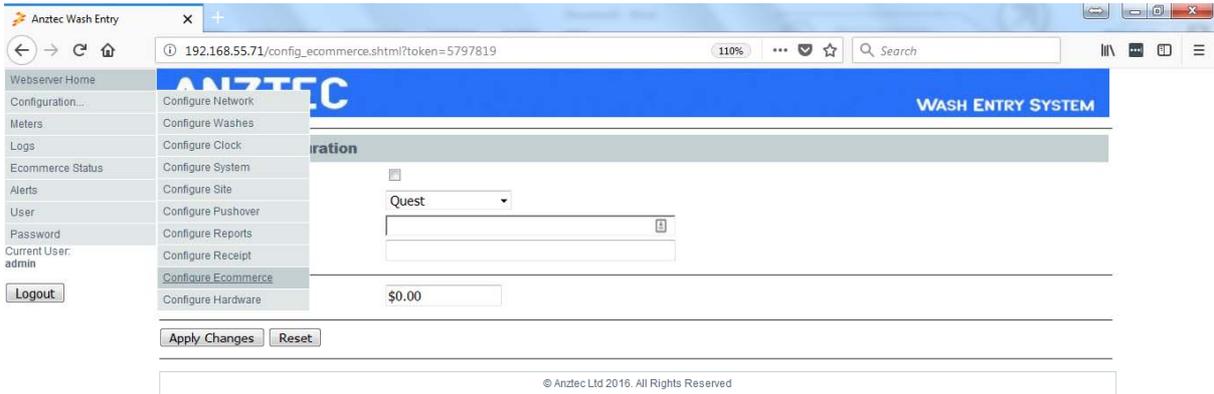


In this menu you can now **Print Test Receipt**.

(If the printer fails to print you may need to reset the printer via the reset button on the top of the printer)

Ensure you have set up your printer in the previous step.

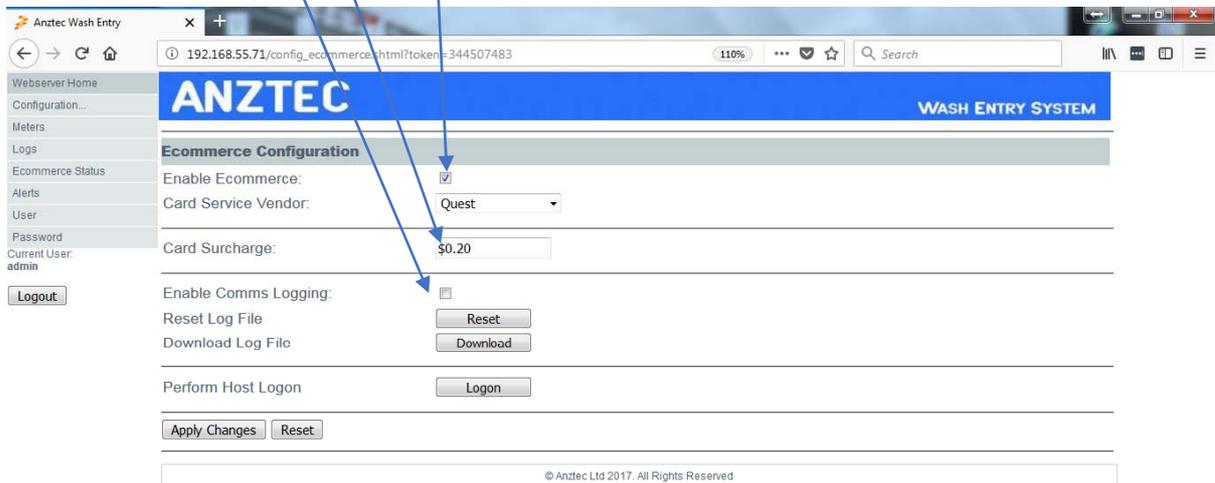
Configuring Ecommerce



Select the check box for **Enable Ecommerce**.

Set your credit card surcharge.

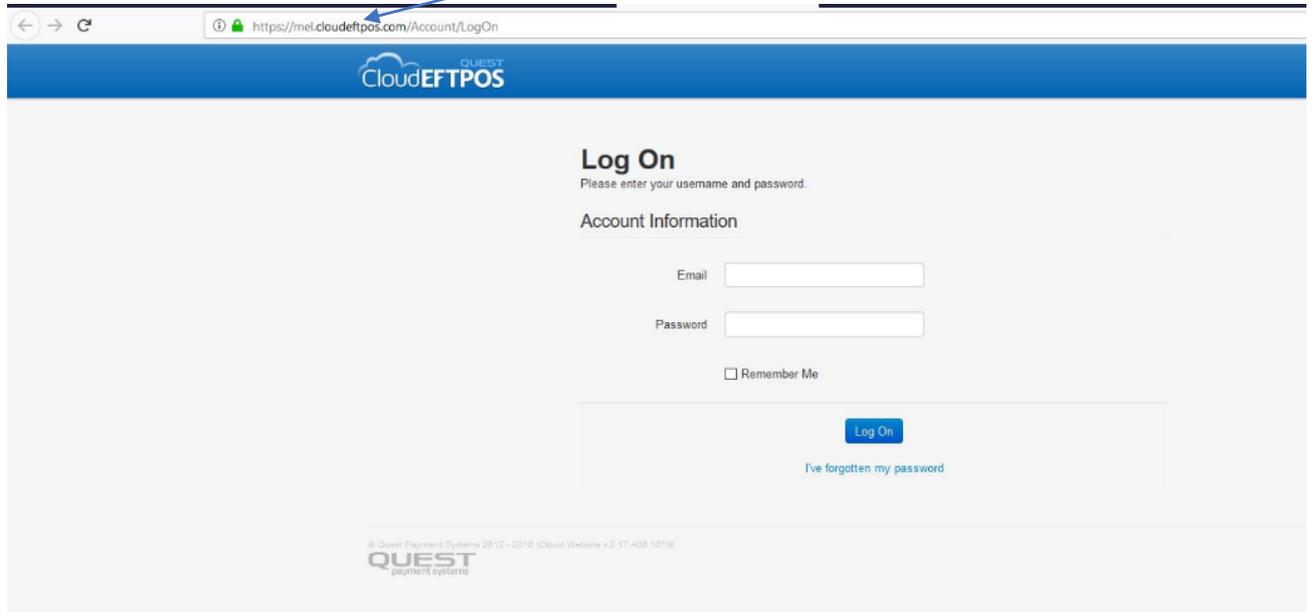
Leave **Enable Comms Logging** *unchecked* unless you have been asked to log comms or you are having credit card issues and would like to have logging.



Switching your CT400 from pulse to serial mode

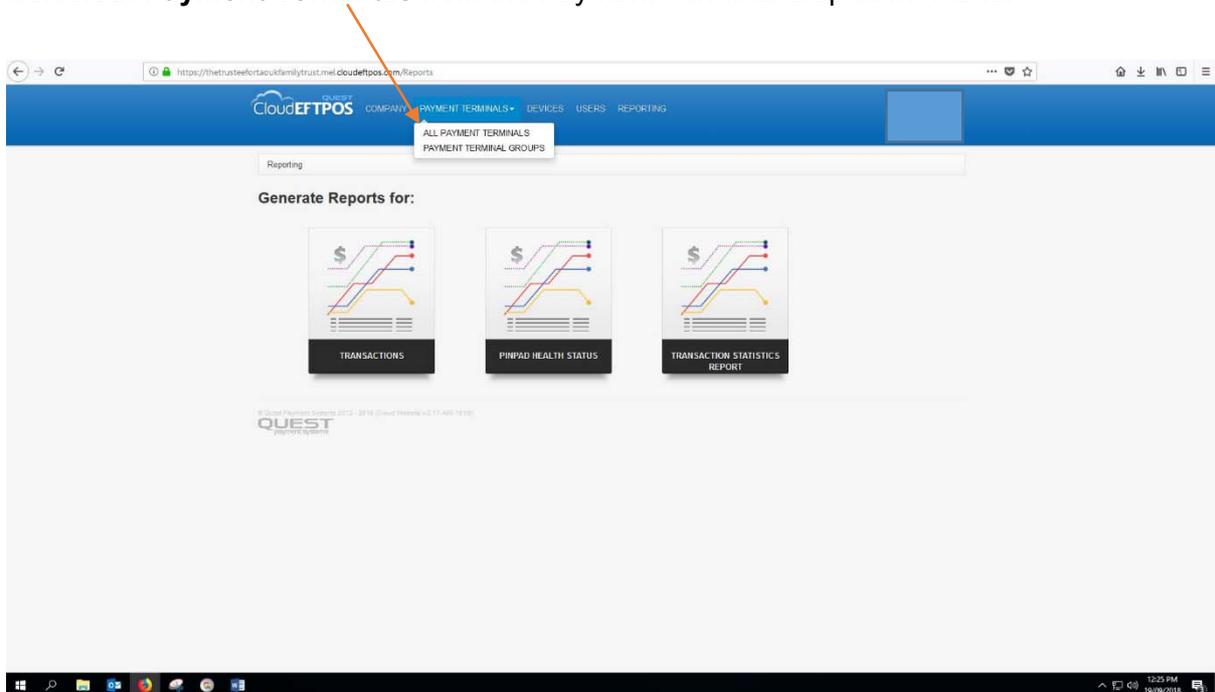
Log on to your Quest Cloud account

<https://mel.cloudeftpos.com/account/logon>



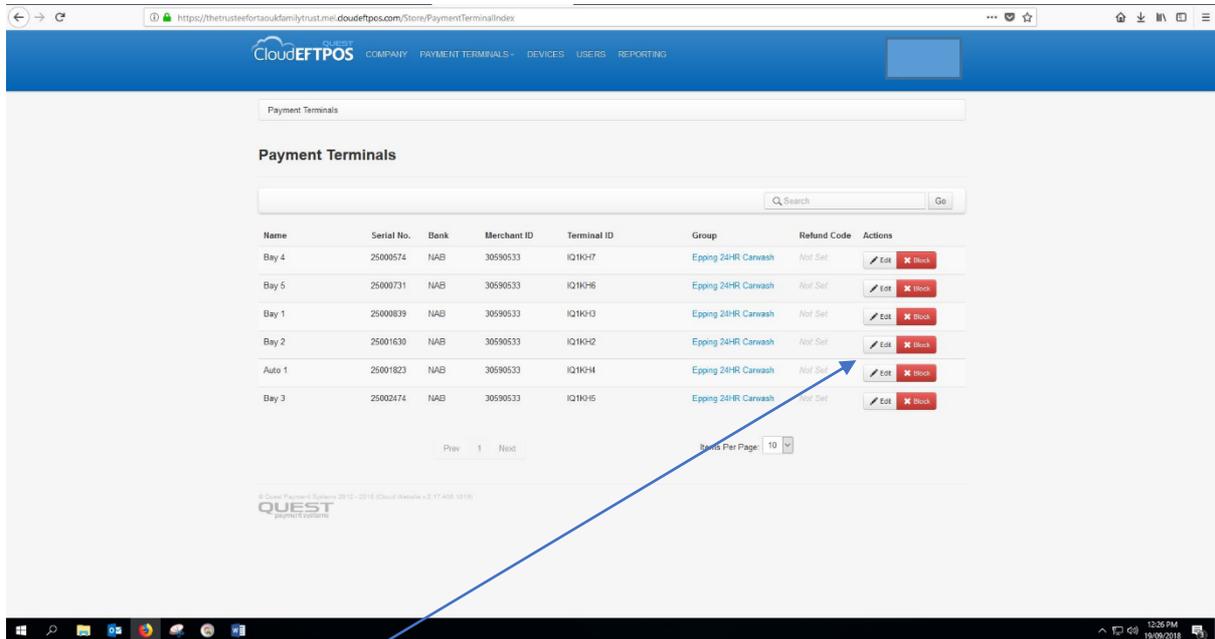
Once you login you will see the following page.

Select **All Payment Terminals** from the Payment Terminal drop down menu.



You will now see all of your CT400 devices.

Select **Edit** on the Auto you would like to change from pulse to serial mode.



You will now be able to edit your Payment Terminal.

Select the **Integrated/Attended Mode** check box to enable Serial connection.

(Attended mode may now have a new label – Integrated mode they work in the same way)

Edit Payment Terminal

Name *

PosID

Default Tap Amount

Enable Card Payments

Integrated / Attended Mode

Config Update Frequency

Refund Code [Clear](#)

Request Log Upload *

Updating the Entry System Software

This guide will help you with installing new software in an Anztec Entry System.

Step 1.

You will need to print off your Accountancy report. After changing the software you will lose all old figures.

Step 2.

Purchase a wash to get a current receipt. This will help with the re-configuration.

- Wash Name
- Site Name
- Address
- ABN

Step 3.

Using the service key put the entry system into Service mode.

And scroll through all the 6 Menu's and **take photos or write down all** the Configuration settings including sub menus.

USE THE PROVIDED SHEET TO FILL IN YOUR INFORMATION

Page 13,14,15.

Use D to scroll to the Next Menu.

Use the number to go into settings ie. 1, 2 ,3 4

Use # to Enter

Service Key:

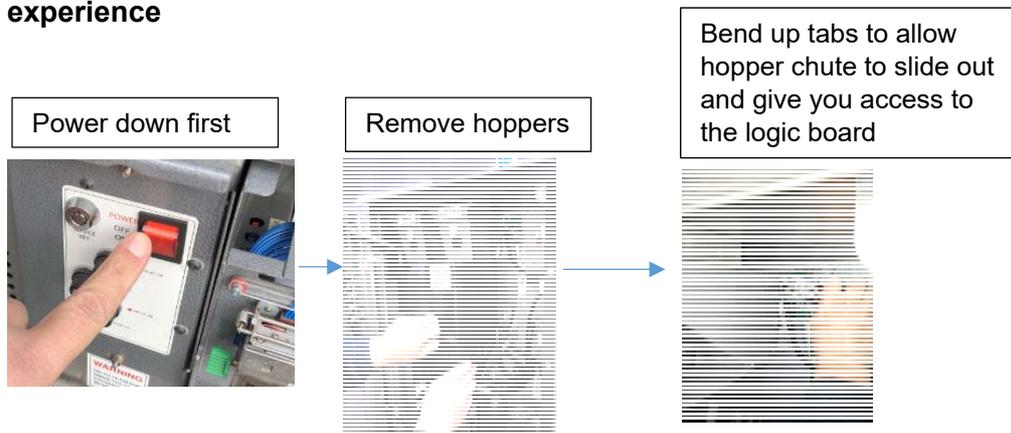


Most important information to take note of before installing new software:

- **WASH PRICING** - Any unused washes set to \$99.99
- **COIN MECH** - this is the configuration of Coins and Tokens **VERY IMPORTANT**
- **CREDIT LIMIT** - Usually set to \$20.00, unless the top wash is more than \$20.00
- **ESCROW** - Usually set to 1, unless your entry system is set back from auto and then this number is the number of cars you can fit between the entry system and the Automatic Carwash
- **Terminal Enabled** - If your entry says "WASH CLOSED" when your car wash is closed or in fault this should be ON. If your entry system remains "INSERT CASH (CARD)" when Auto is off or in Fault then this is OFF.
- **Printer** – This is the type of printer you have installed. NB: Obsolete older style printers may not work with this software

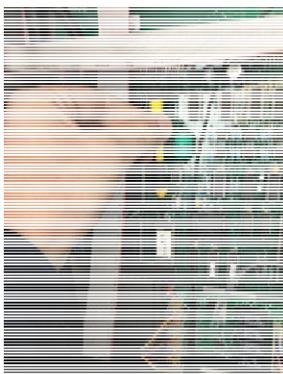
Only once you get all of the above information, after this step you will lose all old data

The following should be completed by a confident person with electronic PCB experience



1. Using 7mm socket remove 2 x 7mm nuts to remove logic board cover to gain access to software chip
2. Using a small screw driver remove old software chip
3. Then replace with new software chip following the details below
4. TAKE NOTE OF CHIP ORENTATION, CUT OUT TO THE TOP

Use small screw driver to remove chip



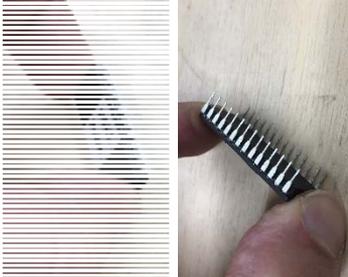
Leaver from top to separate from socket



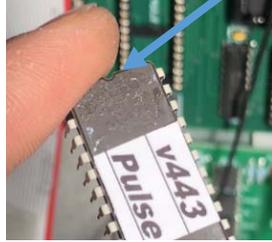
Then gently remove old software chip



If pins need to be adjusted use a flat non-conductive surface. (Timber/Plastic)



CUT OUT TO TOP (IGNORE STICKER ORIENTATION)



Insert chip one side first then the other. Align all pins before SLOWLY pressing in



Replace Logic board cover and hoppers, then turn the Entry System power back on.

Step 5.

Turn Service key and wait for software to load. This will only take a short moment.



Menu 2

A> Corp Mode: **1, Norm 2, Norm 3, Norm 4, Corp** (Unless you have a wash that can only be purchased using a corporate token and not cash, then select that wash as corp.)

Use 1, 2, 3, 4 to toggle from Norm to Corp

Pricing: This information is setup in the Merlin 2, on the PC.

B> Pricing 1>\$. 2>\$. 3>\$. 4>\$99.99

(Set to wash prices, all unused washes set to \$99.99 to prevent purchase)

C> Escrow usually set to **1**, ESCROW (Unless your entry is set back from auto and then this number is the number of cars you can fit between the entry system and the Automatic Carwash)

Menu 3

A> Pulse setup: **360** Pulse: (this is the pulse width – how long the pulse stays closed to trigger the Automatic Carwash)

B> Coin Mech:

* = **LEFT**
= **RIGHT**
A = **UP**
B = **DOWN**

1> 2> 3> 4> 5> 6>**PI1**

- This set up is to determine what is the value of each pulse from the QL Coin Mech
- Please make all settings the same as original configuration with **exception of line 6> PI1**
- Use the # Key to move the (* astricts)to line 6, you can then use the B button to scroll down to PI1 – If you go too far use the A button to scroll up)
- This will now trigger the TOP WASH ONLY when a successful CT400 credit card transaction is completed.

-C) Start Mode: **Manual** (For all LaserWash applications we select Manual Start mode)

Menu 4

A> Reset to defaults (**DO NOT SELECT THIS – YOU WILL LOSE ALL YOUR SETTINGS**)

B> Start Delay: **0 Sec** (Delay from selecting wash to triggering wash)

C> Surcharge: **20 Cents** (This is the standard CT400 surcharge - this is just the surcharge that is printed on the receipt and will not affect the actual surcharge fee)

This information is setup in the Merlin 2, on the PC.

Menu 5

A> Note Acceptance: \$5 ON \$10 ON \$20 ON **\$50 OFF \$100 OFF**

Use 1, 2, 3, 4, 5, to Toggle ON or OFF

B> Credit limit: **\$20.00** (Unless top wash is more than \$20, then round up to the nearest \$5)

C> Security: Normal (This is a standard setting leave as normal)

Menu 6

A> Value tokens: **1> \$1.00 2> \$2.00 3> \$3.00 4> \$4.00**

(This is the standard settings, only change if you originally had different settings)

Use 1, 2, 3, 4, to select channel then input number and # to Enter

A> Value tokens 1> _ _ . _ _ 2> _ _ . _ _ 3> _ _ . _ _ 4> _ _ . _ _

B> Printer Type: **This information is setup in the Merlin 2, on the PC.**

___ Select the Printer Type you have installed – obsolete older style
Printers may not work with this software.

C> Terminal Enable: **OFF** (If your entry says “WASH CLOSED” when your car wash is closed or in fault this should be **ON**. If your entry remains “INSERT CASH (CARD)” when Auto is **OFF** or in Fault then this is OFF.

Now that all steps are completed please return the service key to the off position and remove.

Close entry door and lock.

Then do a test wash using a credit card and cash.

Please NOTE: The first wash purchased after this software upgrade may not trigger a wash on your Automatic carwash, all other washes after that will work.

It is recommended you test all wash packages with cash and credit card to ensure correct pricing and change is returned.