

Barcode Reading

STEP BY STEP FAULT FINDING PROCESS

Follow this process by completing each step in order, after each step is completed test the system to see if the issue has been resolved.

STEP 1 – Clean the sensor & trigger, check both are powered up.

Remove the barcode reading head from the pre-fold station and clean the reading head with a cotton bud or similar. Take care not to scratch the lenses.

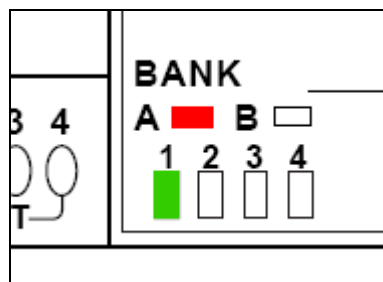
Clean the trigger sensor lenses and reflective strip (where fitted).

Refit the barcode reading head to the pre-fold station, feed a carton into the station and ensure the height of the BLUE light spot is positioned central on the barcode.

Check the orange light on the side of the small blue trigger sensor is ON solid (not flashing) when no carton is present.

STEP 2 – Ensure sensor is set to channel A-1

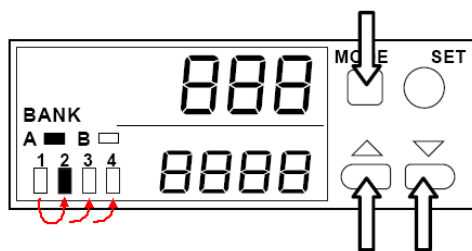
The reading head should be set to red channel A (not B) and green channel 1 (not 2, 3 or 4) as in the diagram below.



If the reading head is set to A-1 move directly to the next step.

If it is not in channel A-1 you will need to set it back to channel A-1. To do this follow these guidelines:

While holding down the MODE button (square button next to SET), quickly press the UP or DOWN buttons to scroll through the channels. Set to A-1.



TIP!

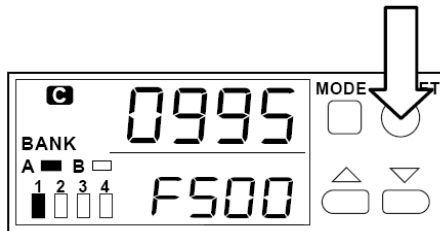
You must press the up or down button quickly (within half a second) after holding the Mode button down to scroll through channels.

If you hold the mode button and don't press up or down quickly enough the unit will enter a different setup mode (explained later in the fault finding).

STEP 3 – Learn the background colour

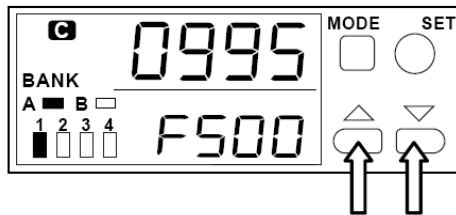
Position a carton in the barcode reading bracket so that the blue light spot is shining on the clear area of background colour on the glue flap (normally white). Do not have the light shining anywhere close to ANY print.

With the carton still in place the RED number on the display should read between 950 – 999. If it does, this step is complete and you can move on to the next step. If it reads a lower value than 950 press the round SET button once. The red number should change to a number between 950 – 999. If it does not contact W H Leary Service (you may need to replace the unit).



STEP 4 – Check the sensitivity

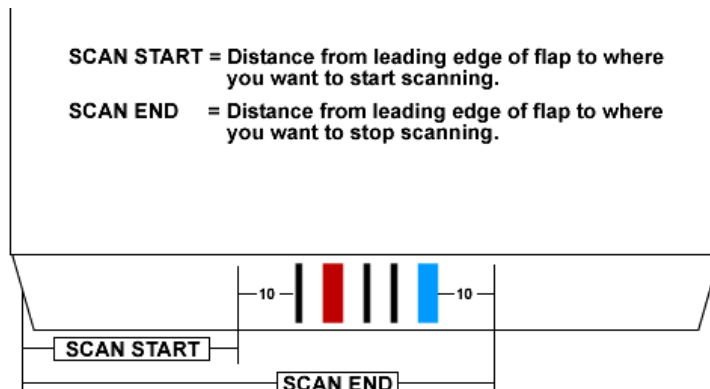
Ensure the green number is set to F500. If it is not, hold the up or down button to adjust the setting accordingly. If the F is not displayed press and hold BOTH up & down buttons together for 3 seconds.



STEP 5 – Check the settings on the Leary touch screen

Scan Window

Navigate to the barcode page. Ensure the SCAN START & SCAN END settings are set correctly. Both settings are measurements in millimetres (mm) from the leading edge of the glue flap to the points on the glue flap where you want the barcode reader to start & stop 'scanning' for the barcode. You should allow at least 10mm either side of the code as in the diagram below:



Code setup

Navigate to the barcode page. Press the CODE SETUP button and confirm the following settings:

Thin bar width: 1.0 mm
Thick bar width: 3.0 mm
Thin bar min: 0.2 mm

Depending on your software version, either:

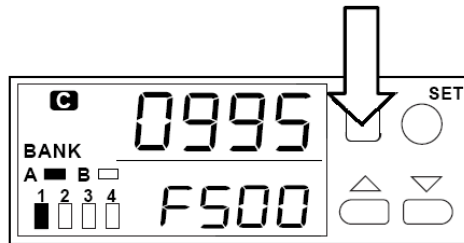
Trigger Sim/Inverse code: Off/On

or

Inverse code: Off

STEP 6 – Check reading head settings (Advanced)

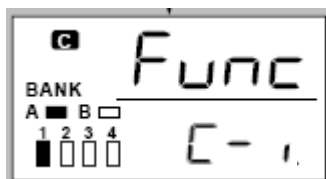
Press and hold the MODE button for 3 seconds to enter the extended set-up mode.



If FULL is displayed press MODE once to continue.

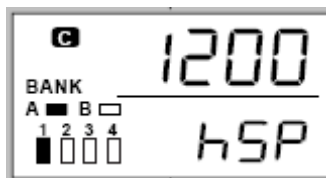
If EASY is displayed press the UP button once to change to FULL mode, then press MODE once to continue.

Now scroll through all of the settings ensuring they are set as shown in the diagrams below. If they are not set as shown you can change a setting by pressing UP or DOWN to select the correct setting (as shown).



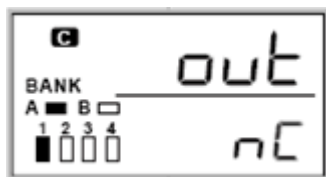
Func

Should be set as shown here. C – 1
If not use the UP or DOWN arrows to correct.



The number shown here is not important.

Should be set as shown here. hSP
If not use the UP or DOWN arrows to correct.



out

Should be set as shown here. nC
If not use the UP or DOWN arrows to correct.



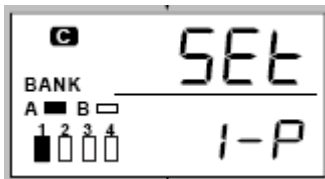
toFF

Should be set as shown here. ----
If not use the UP or DOWN arrows to correct.



Eco

Should be set as shown here. oFF
If not use the UP or DOWN arrows to correct.



SEt

Should be set as shown here. 1 - P
If not use the UP or DOWN arrows to correct.




Att

Should be set as shown here. oFF
If not use the UP or DOWN arrows to correct.

If the problem persists

You may have a system hardware failure. Please contact W H Leary Service for further assistance.

 +44 (0)1268 490035

www.whleary.co.uk/service