



# Clear All Fixed Date Work Instruction

Document #: 1.00

Rev: 1.0

Date: 07/20/2015

Sales:  Service:

Author: K. Kious

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Liquid Controls, Lake Bluff

**Policy:** N/A

**Procedure:** Performing Clear All via EZCommand Lite when Date **cannot** be changed. This is caused when the register has locked up and will not reset because of "Ticket Pending" or other firmware related issues.

## Work Instruction:

1. In the EZCommand Lite window select the **Security Tab**. The following window will be displayed.

2. Check the **Date** as displayed in the "LCR Date/Time" field and record it in DD/MM/YY format, i.e. 07/23/2014 would be recorded as 230714.
3. Check the **Calibration Number** as displayed in "Other" field and record it.
4. To obtain the Factory Key you will need the assistance of your computer calculator or a standalone calculator that can convert HEX values to DEC values.

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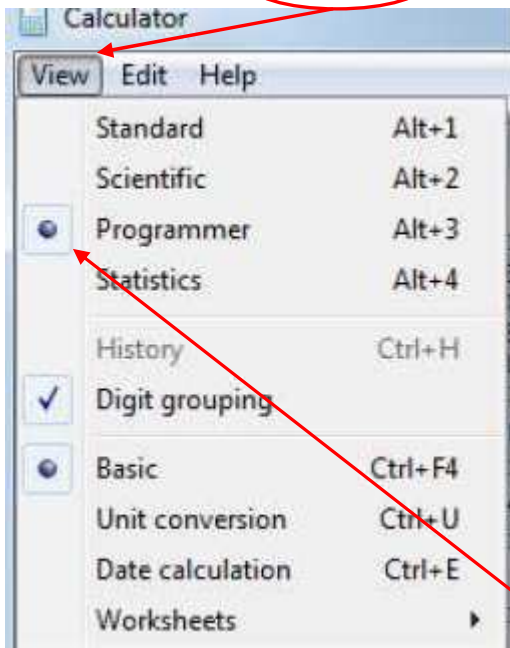
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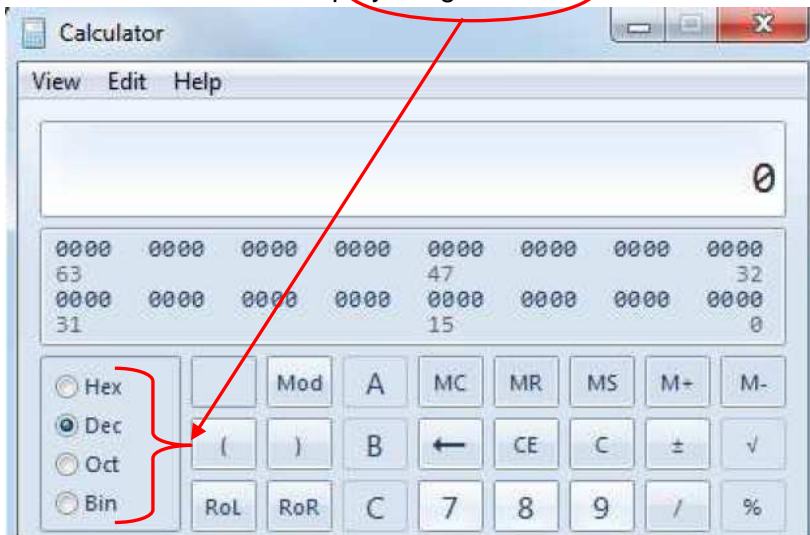
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5. If you are using a lap top computer with Windows 7:
  - a. Open the Microsoft Windows Calculator
  - b. Point and select **View Tab**



- c. From the dropdown menu, select **Programmer** option.
  - d. The calculator will display **Programmer View** Calculation choices.



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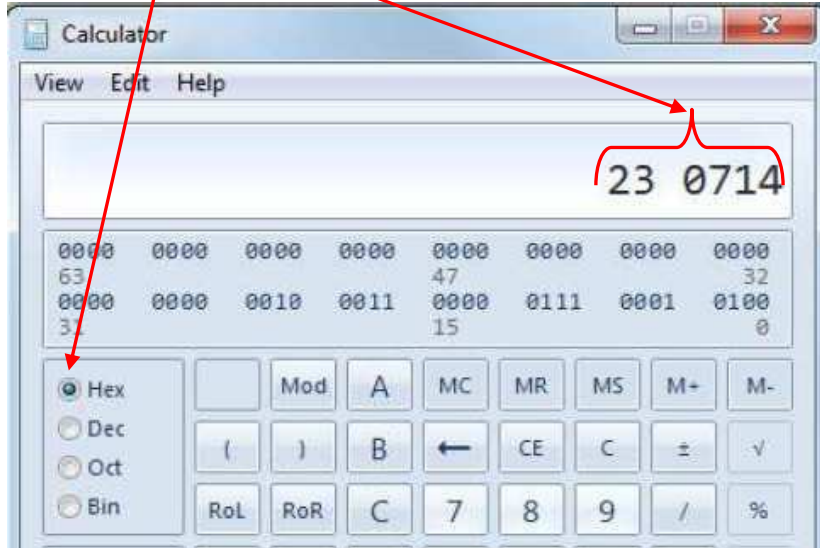
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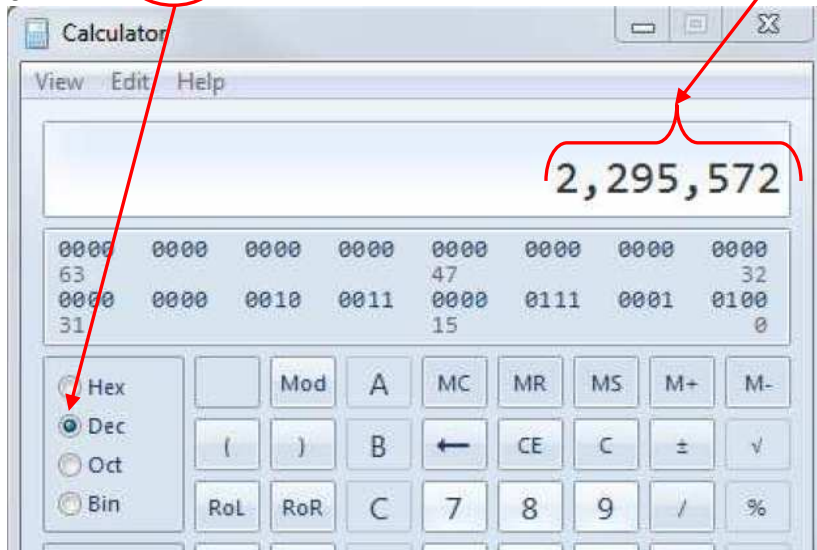
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- e. Select **Hex** option.
- f. Type in the LCR11 date as previously recorded.



- g. Select **Dec** to convert the Hex value to a Decimal value.



- h. Record this new value. (You have half of the value required for Factory Key.)

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- i. Add the Calibration Number to the recorded date value obtained from the calculator ( $2295572 + 3 = 2295575$ ) When this is done depress the **Apply To LCR** button.

The screenshot shows the 'Security' and 'Factory Setup' sections of the software interface. In the 'Security' section, the 'Factory Key' is set to 2295575. In the 'Factory Setup' section, the 'LCR Reset' is set to 'Ifc'. A red arrow points from the 'Apply To LCR' button in the text above to the 'Apply To LCR' button in the screenshot. Another red arrow points from the 'Factory Key' field to the 'Security' dropdown menu.

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j. This should allow you to select "LCR/Reset" drop down arrow to display the menu.

The screenshot shows a web interface with two tabs: 'Diagnostics' and 'Security'. The 'Security' tab is active. Below the tabs is a 'Factory Setup' section containing several input fields: 'Serial ID' (10120315), 'User Key' (empty), 'R100.0' (8035.0), 'R128.6' (12821.0), 'Raw ADC' (9565), 'RTD Slope' (0.0155), and 'RTD Offset' (-124.2). The 'LCR Reset' field is a dropdown menu currently set to 'No', which is open to show three options: 'Clear All' (highlighted in blue), 'No', and 'Rebuild'. A red circle highlights the 'LCR Reset' dropdown label, and another red circle highlights the 'Clear All' option. A red arrow points from the first circle to the second. Below the 'Factory Setup' section is an 'Apply To LCR' button.

k. Select the **Clear All** option.

l. Depress the **Apply To LCR** button. This should perform the Clear All

Form: N/A