FUEL LOCK™

INSTALLATION FLOW TEST

Fuel Lock™ devices are equipped with an on-board install/troubleshooting menu designed to assist installers and electricians with initial install and calibration of the device, as well as field troubleshooting if hardware fails during operation.

Note: This tool does not require any App connectivity.

The following procedure shows the calibration of custom pulse rates, as well as the verification of third-party pulser functionality with the device.

Note: The menu is specifically designed for installers and can be accessed by using the factory default PIN. The default PIN is 1234 if the device has not previously been connected to the mobile App.

1. Press *Menu and enter the administrator PIN to gain access.
2. Press #.
3. Select #5 Install Support.
4. Select #1 Tank Calibration.
5. Ensure the selected port has a pulser that is physically connected to the pulser circuit board inside the device.

```
11:04A  27.0C
1.      Test port    #1
2.      Test port    #2
3.      Test port    #3
4.      Test Port    #4


*   EXIT
```
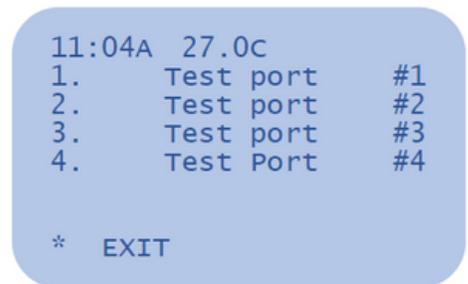
When first entering each Test Port menu, the screen will flash "No pulses detected". This indicates that the pulser connected to the pulser board is not generating pulses (flow).

```
11:03A  27.5C
Port #1:50.50   x0L
Polarity:HIGH   Chg  ->5
1                        >3
4  No pulses detected    >6
7                        >9
2       Multiplier       >8
*  EXIT 0=PWR ACCEPT #
```
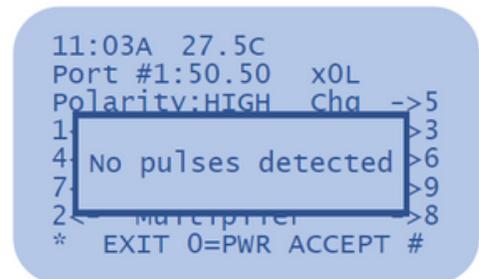
TO RUN A TEST

1. Ensure the correct pulse rate is set before testing. See "SETTING A CUSTOM PULSE RATE" on page2.
2. Press 0=PWR to engage power supply and turn on pumps.
3. Ensure the screen is displaying a volume count.
4. Repeat steps 1 and 2 on all ports with connected tanks (pulsers).
5. When volume data is displaying correctly for all tanks, connect the device to the App.

```
11:04A  27.0C
Port #1:50.50   x0L
Polarity:HIGH   Chg  ->5
1                        >3
4          0.77L         >6
7                        >9
2       Multiplier       >8
*  EXIT 0=PWR ACCEPT #
```
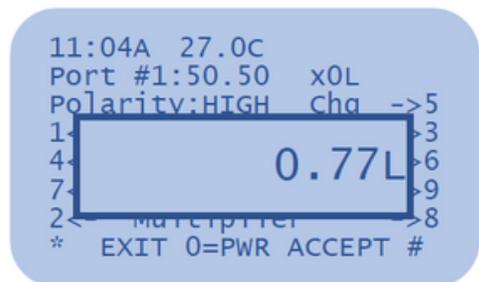
Note: A "No pulses detected" message during test fill indicates a wiring or pulser issue. Refer to third-party supplier instructions.

SETTING A CUSTOM PULSE RATE

For custom pulse rate setting or calibration tests, these menus allows you to adjust pulse rates. Make sure to press ACCEPT# to save settings.

- •Ones - toggle (1,4) on the keypad to change the one value.
- •Tenths - toggle (4,6) on the keypad to change the tenth value.
- •Hundredths - toggle (7,9) on the keypad to change the hundredths value.
- •Multiplier - (8) keep the setting at 0L unless instructed by the dealer or Calian Agriculture support.
- •Polarity - (5) keep the setting at HIGH unless instructed by the dealer or Calian Agriculture support.

```
11:03A  27.5C
Port #1:50.50   x0L
Polarity:HIGH   Chg  ->5
1<-   Flow (ones)    ->3
4<-   Flow (tenths)  ->6
7<-   Flow (100ths)  ->9
2<-   Multiplier     ->8
*   EXIT 0=PWR ACCEPT #
```

Note: This function is for finding the desired pulse rate and does NOT get set to the Fuel Lock App. Once the desired pulse rate has been found, it can be added to the Fuel Lock App so it can take effect on the device.