

Replacing existing counters on Premix Tempests with US pumping system

Isolate batteries before installing LC1

Move the following wires

Wire number	From	Move To	Notes
CTR1	Existing counter(1)	LC1 (2)	Positive
1	Existing counter (2)	LC1 (1)	GND
A2	Resistor network. See note 1 below	LC1 (9)	CH2 SIG
D6	Existing counter (12)	LC1 (6)	CH1 SIG
D3	Existing counter (11)	LC1 (5)	CH1 sensor pos
1	Existing counter (13)	LC1 (7)	CH1 sensor gnd
D4 (if fitted)	Existing counter (7)	LC1 (3)	CH1 output
A4 (if fitted)	Existing counter (9)	LC1 (4)	CH2 output

Remove all other wires from the existing counter. Cut bare ends off. Tape up and secure all wires safely.

1. Wires from LC1 (8 and 10) are NOT used.
2. Reconnect batteries.
3. Turn on Ignition.
4. Go to main menu and SENSOR VOLTAGE. Set CH1 to 5v, CH2 voltage is unimportant.
5. Go into main menu CALIBRATION mode. Set LC1 K1 K-Factor to 44 for initial calibration of the LC1. Set LC1 K2 K-Factor to 24 for initial calibration of the LC1. (see user manual for details)
6. Carry out detailed calibration as per the LC1 manual

Note1

Locate wire A6 going to the existing counter terminal 15. Follow this to a resistor network close by and at this resistor network, locate wire A2. Remove wire A2 from the resistor network and connect it to LC1 CH2 SENSOR SIG terminal LC1 (9).

Note 2

Locate wire D6 going to the existing counter Terminal 12. Follow this back to a resistor network and locate wire D2A at this resistor network. Remove wire D2A from this resistor network and connect it to LC1 CH1 SENSOR SIG terminal.

Tape up any unused wires from the LC1 harness safely.

