

# Replacing existing counters on Premix Tempests

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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    |
| D2A         | Resistor network. See note 2 below | LC1 (6) | CH1 SIG    |
| D4          | Existing counter (7)               | LC1 (3) | CH1 output |
| A4          | Existing counter (9)               | LC1 (4) | CH2 output |

1. Remove all other wires from the existing counter. Cut bare ends off. Tape up and secure all wires safely.
2. Reconnect batteries.
3. Turn on the ignition to power up the LC1 counter. Go into SENSOR VOLTAGE section of main menu and change both Sensor Voltages to 12/24v (see user manual for details)
4. Go into main menu CALIBRATION mode. Set LC1 K1 K-Factor to 24 for initial calibration of the LC1. Set LC1 K2 K-Factor to 24 for initial calibration of the LC1
5. Carry out detailed calibration as per the LC1 manual

### Note1

Locate wire A6 going to the Signet 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 (9).

### Note 2

Locate wire D6 going to the Signet 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.**