

# 3

## 8140 Digital Indicator

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### Jumpers and Keyboard Functions

All jumpers are in the correct position for standard operation when the unit is shipped. Check the jumper positioning to be certain they are correct for this unit's application.

W1 - External Memory (shorted)

W2 - Calibrate Enable (shorted-enabled, out-disabled)

W3 - EPROM Selection (shorted between 1 and 2)

W4 - Comma Enable (in-comma, out-decimal point)

W5 - Load Cell Output Selection - (pins 1 and 2 = 2 mV/V; pins 2 and 3 = 3mV/V)

Zero - Back up to previous step.

Test - Yes or 1

Tare - No or 0

Clear - Skip to S File.

Print - Enter

## Softswitch Settings

To enter the setup mode, press both the TARE and CLEAR keys, then release at the same time.

### F0 - Span Adjustment

1 to access

### F1 - Expand Display

1 to enable

### F2 - Display Filtering

1-4 to enable low to high

### F3 - Tare Active

1 active

### F4 - Tare Interlock

0 enabled

### F5 - Auto Clear Tare 1 enabled

1 = when +/- 1/2 increment or more of motion are detected; 2 = +/- 2 increments or more

### F7 - Pounds Calibration

### F8 - Power Up Pounds

### F9 - LB/KG Switching

1 enabled

### F10 - Auto Zero Maint.

1 = enabled  $\pm$  2%; 2 = enabled  $\pm$  20%

### F11 Analog Verification

1 = enabled

### F12 Printer Output

0 = disabled

### Demand Mode

1 = Enabled

2 - Baud Rate 300, 1200, 2400, 4800, 9600

3 - Checksum 0 disabled

4 - Printer Select

1 = 307, 8804, 8806, 8855, 8860

2 = 8805 receive mode only

3 = 8805 smart mode

4 = 8820/8830 (ram 1)

5 = 8820/8830 (rams 2 and 3)

5- Data Format 0 = displayed weight only

1 = single line gross, tare, net

2 = multiple line gross, tare, net

### F13 Net Zero Cursor

0 = gross only; 1 = gross and net

### F14 Under Zero Blanking

0 = blanks at 3% under;

1 = blanks at 5 increments

### CAL - Calibration Procedure

## Error Codes

| Error Code | Description           | Suggested Corrective Action                    |
|------------|-----------------------|------------------------------------------------|
| E1         | ROM Error             | Try Power Down/ Replace main PCB               |
| E2         | Ram Error             | Try Power Down/Replace main PCB                |
| E3         | NOVRAM Error          | Try Power Down/ Replace Main PCB               |
| E4         | Print Fault           | Check Printer/Format                           |
| E5         | Display Verify Error  | Replace Main PCB                               |
| E6         | Analog Verify Error   | Recalibrate                                    |
| E7         | EEROM Error           | Try Power Down/Replace Main PCB                |
| E8         | Scale in Motion       | Waits Unit Motion Stops                        |
| E9         | Illegal Configuration | Reconfigure Increment Size                     |
| E10        | Calibration Error     | Recalibrate                                    |
| E11        | Calibration Error     | Recalibrate                                    |
| E12        | Over Capacity         | Reconfigure                                    |
| E13        | Low Capacity          | Reconfigure                                    |
| EA         | Insufficient Test Wt. | Use more Test Weights/Try Again                |
| AAAAAA     | Analog Verify Cycle   | None: This indicates an AV cycle is in process |