CPS Calibration

1. Make sure the CPS is off. Remove the six screws holding the display assembly to the CPS.

2. Turn on the main power switch. On the back of the display board there is a momentary contact switch. Hold down the momentary contact switch and press the **"ON/OFF"** key. When the display shows "CAL" release the switch. The display will cycle from **"CPS" "CAL" "CAL 1" XXXX"**. XXXX is the current capacity set in the CPS.

3. The **"PRINT"** key will reset the display to **"0"**, the **"GROSS/NET/▲"** will increment the right hand digit and the **"ZERO/◄"** will multiply by 10. For example to make the capacity 5000 press the **"PRINT"** key to make the display 0, the **"GROSS/NET/▲"** key 5 times and the **"ZERO/◄"**. The display will show **"5000"**. Once the capacity is set press the **"ON/OFF"** key.

4. The display will show **"CAL 2"** and then **"X"**. X is the current increment of the CPS. The **"GROSS/NET/▲"** will increase the increment while the** kg/lb/▼"** will decrease the increment. Once the increment is set press the **"ON/OFF"** key.

5. The display will show **"CAL 3"** and then the capacity of the CPS that was entered in step 3. This is the amount of weight to be used to calibrate the indicator. To change this number use the keys as in step 3.   A minimum of 1% of the full capacity must be entered. Once the amount of weight to be used for calibration is entered press the "ON/OFF" key

6. The display will show   **"CAL 4"→ "ULoAd"** and then raw internal counts. With nothing on the forks press the **"ON/OFF"** key.

7. The display will count down then display **"GOOd"→ "CAL 5"→ "LOAd"** and then raw internal counts. Put the weight on the CPS that was specified in step 5. Make sure the weight is evenly balanced on the forks. Press the **"ON/OFF"** key

8. The display will count down then display **"GOOd"**, raw internal counts, and then **"SAvE"**. Remove the weight on the forks and press the **"ON/OFF"** key. The CPS will go to the weigh mode.

9. Test the accuracy of the CPS.

    A)   If the CPS is not 100% accurate, repeat steps 1 to 11.

    B)   If the CPS is 100% accurate, turn the scale off and replace the display assembly with the six screws to the CPS.