STRAINDYNE LOAD CELL, TO WLX LOAD CELL CONVERSION INSTRUCTIONS.

FITTING INSTRUCTIONS.

Power down the electronic integrator.
Remove StrainDyne load cell by removing the bolt situated under the load cell carry plate.
Disconnect the Strain Dyne wiring.
Lossen off the lock nut on the "tare bolt" assembly. Screw in the bolt until the striker bar just lifts of the load cell, thus removing the pre load.
Install WLX load cell and spacer assembly and fix into place using the SS M10 bolt and washers. It is important that both the spring and flat washer are used as the bolt may bottom on the load cell and damage it. Do not over tighten.
Wire up the load cell, cells, making sure that no undue load is applied to the cable or load cell.
Power up the electronic integrator.
If the weigher is a dual load cell system do not power up until load cell number 2 is fitted and wired up.
The WEB-TECH pcb load cell junction box will have a load cell isolation jumpers mounted on the pcb. There are a number of interconnect pcb in the field, each pcb having the jumpers located in in different positions and labelled differently.
Pn T0402C Jumpers LK1 & LK2
Pn T402B Jumpers I1+ &I1-
If a non WEB-TECH junction pcb is has been used isolate the white and green load cell wires from the circuit.
With the jumpers removed and or the wiring isolated. Place a digital volt meter (DVM) across Signal+ and Signal– terminals (green & white wires), the DVM should be set to the millivolt scale. Adjust the pre-load on the load cell by means of the "tare screw" until the DVM reads approximately 1.0mV. On a dual load cell system the "tare screw" assemblies should be adjusted in small increments and each cell monitored, as there may be some mechanical interaction between each load cell.
When each cell has been set up lock up the lock nut. Power down the electronic integrator and replace the links and or wires.
The weigher assembly must now be zeroed and spanned as per the manual.

WLX LOAD CELL ASSEMBLY AS DELIVERED

LOAD CELL

LOAD CELL SPACER

WTE SERIES WEIGHFRAME TYPICAL

TARE SCREW

LOCK NUT

STRIKER BAR

LOAD CELL

LOAD CELL CARRY PLATE

LOAD CELL SPACER

LOAD CELL FIXING BOLT