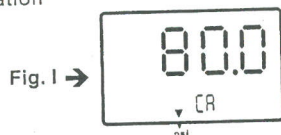
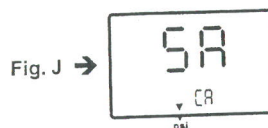


406800 - CALIBRATION PROCEDURE

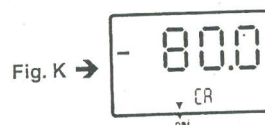
1. First, please manually set the display to zero (no pressure applied to the connector), refer to the Manual zero procedure.
2. Turn the meter off.
3. Press **REC** & **UNIT** simultaneously, "CA" appears on the display, (See Fig. I) the meter enters to the calibration mode, make sure the pressure unit to be pointed under the arrow mark "▼" is "psi" to start positive (+) pressure calibration



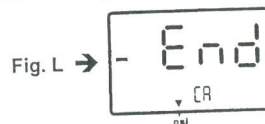
4. The meter has defaulted as 80 psi calibration point, the adjustable pressure range is from 78.0 to 82.0. If calibration pressure source is not 80psi, to increase the figure by pressing **REL** key, or decrease the figure by pressing **UNIT** key to set calibration point as required.
5. Save the calibration point by pressing **REC** key, "SA" and small "CA" appears on the display (See Fig. J) in 2 seconds, the meter auto-skip to the negative pressure(-) point for next calibration mode.



6. Follow the same procedure as step 4 for the negative pressure calibration point by pressing **UNIT** key, the LCD now displays "-80.0" and small "CA" (See Fig. K), do the necessary calibration figure refer to your pressure standard if needed.



7. Again save the calibration point by pressing **REC** key, "SA" and "CA" appears in 2 seconds and then "End" and "CA" appears in another 2 seconds, the meter turns back to the normal mode (See Fig. L).



If you can't save by press **REC** key, i.e. no "SA" appeared, please check: (a) The calibration pressure source is between 75.0 and 85.0, or check (b) if you enter the right positive pressure (+) or negative pressure (-).

If you want to skip positive (+) calibration when entered to the Calibration mode, press **UNIT** to skip to negative (-) calibration point.

Above calibration is an example for model 82100, i.e. the pressure range is from 0 to +100psi (Positive pressure) or from 0 to -100 psi (Negative pressure).

Calibration point reference

Model:	psi range	Calibration point(±)	Reommend (±)
8205	0~± 5	4.000	3.900~4.100
8215	0~± 15	12.00	11.70 ~12.30
8230	0~± 30	24.00	23.40~24.60
82100	0~±100	80.00	78.00~82.00

MANUAL ZERO SETTING

When you set the display to zero(no pressure applied to the connector), press button **HOLD** for 2 seconds, now the meter display "0.0.0.0" from right to left (See Fig.M) and then disappear each "0" from left back to right, the LCD display shows a normal mode (See Fig.N).

Fig. M →

