- **FOR ELECTRONIC REGISTER PART NUMBER 64870 and Service Kit 65518 ONLY**

- **PROGRAMMING SWITCH**

Located on underside of module.

- **TOTAL BUTTON**

a.) When depressed in normal operation it will display the total quantity of fluid dispensed by the meter.

b.) When depressed in the programming mode, it will allow you to select any item to be changed.

- **RESET BUTTON**

a.) When depressed momentarily, it will clear the display.

b.) When depressed in the programming mode, it will change any flashing object on the display.

- **TO CHANGE UNITS OF MEASURE**

a.) Remove the electronic register module to gain access to the programming switch.

b.) Depress the PROGRAMMING switch on bottom of module and release to access the programming mode. The active unit of measure symbol will flash when you have entered the programming mode.

c.) Toggle RESET button until desired unit of measure symbol appears.

d.) When finished depress the PROGRAMMING switch on bottom of module and release to exit the programming mode.

The display will flash three times and then go blank to indicate the changes have been saved.

NOTE: Changing any unit of measure will reset the totalizer to zero.

- **PROGRAM SCALE FACTOR**

When replacing an old style Electronic Register the correction factor must be converted using the conversion chart on the back of this tech brief. The correction factor is marked on the meter under the register.

The new register (Part Number 64870) has the added feature of saving the correction factor in non-volatile memory. In the future if the battery is replaced the correction factor will no longer need to be reprogrammed into the register.

a.) Remove the electronic register module to gain access to the programming switch.

b.) Depress the PROGRAMMING switch on bottom of module and release to access the programming mode. The active unit of measure symbol will flash when you have entered the programming mode.

c.) Press the TOTAL button to advance to the first digit of the correction factor.

d.) The selected digit will blink and pushing the RESET button will change the value.

e.) When you have selected the proper value then push the TOTAL button to move to the next digit.

f.) Continue this process until the correction factor has been entered.

g.) When finished depress the PROGRAMMING switch on bottom of module and release to exit the programming mode.

The display will flash three times and then go blank to indicate the changes have been saved.

MODEL OG
CONVERSION CHART
Old Register to New Register

OIL	
62580	64870
3.496	1.008
3.481	1.004
3.460	1.000
3.438	0.994
3.423	0.986

ENGINE COOLANT	
62580	64870
3.649	1.052
3.634	1.048
3.612	1.044
3.589	1.038
3.554	1.029

WIPER FLUID	
62580	64870
3.731	1.076
3.715	1.072
3.693	1.067
3.669	1.061
3.634	1.052

MODEL PG-690
CONVERSION CHART
Old Register to New Register

OIL			BRAKE FLUID	
62580	64870		62580	64870
1.020	0.2946		1.016	0.2934
1.019	0.2943		1.015	0.2932
1.018	0.2940		1.014	0.2929
1.017	0.2938		1.013	0.2926
1.016	0.2935		1.012	0.2923
1.015	0.2932		1.011	0.2920
1.014	0.2929		1.010	0.2917
1.013	0.2926		1.009	0.2914
1.012	0.2923		1.008	0.2911
1.011	0.2920		1.007	0.2909
1.010	0.2917		1.006	0.2906
1.009	0.2915		1.005	0.2903
1.008	0.2912		1.004	0.2900
1.007	0.2909		1.003	0.2897
1.006	0.2906		1.002	0.2894
1.005	0.2903		1.001	0.2891
1.004	0.2900		1.000	0.2888
1.003	0.2897		0.999	0.2886
1.002	0.2894		0.998	0.2883
1.001	0.2891		0.997	0.2880
1.000	0.2889		0.996	0.2877
0.999	0.2886		0.995	0.2874
0.998	0.2883		0.994	0.2871

NOTE: Electronic register 62580-XXX is replaced by electronic register 64870-XXX.

Please see our website at
www.badgermeter.com
for specific regions and contacts.

Due to continuous research, product improvements and enhancements, Badger Meter reserves the right to change product or system specifications without notice, except to the extent an outstanding bid obligation exists.

BadgerMeter, Inc.
P.O. Box 245036, Milwaukee, WI 53224-9536
Telephone: (414) 355-0400 / (877) 243-1010
Fax: (414) 355-7499 / (866) 613-9305
www.badgermeter.com